

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037491.D
 Acq On : 23 Sep 2024 18:25
 Operator : SY/MD
 Sample : P4024-01MEDL 20X
 Misc : 6.18G/5mL/100ul/5ml/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DD5CD5MEDL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M

Title : VOC Analysis

Signal : TIC: VV037491.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	66	74	92	rBV	411828	455831	4.42%	0.346%
2	1.529	144	152	169	rVB	334773	406376	3.94%	0.309%
3	2.056	304	316	342	rBV	712916	1094213	10.62%	0.831%
4	2.879	559	572	591	rBV	183859	393664	3.82%	0.299%
5	3.606	788	798	825	rBV2	283689	705978	6.85%	0.536%
6	3.793	846	856	893	rVB	160101	442805	4.30%	0.336%
7	4.243	977	996	1026	rBV	496541	1253771	12.17%	0.952%
8	4.950	1196	1216	1235	rBV2	1234892	3094770	30.04%	2.350%
9	5.529	1384	1396	1429	rBV	960078	1965904	19.08%	1.493%
10	5.982	1525	1537	1568	rVV	686233	1512269	14.68%	1.148%
11	6.908	1816	1825	1846	rVV	377806	698673	6.78%	0.531%
12	7.236	1917	1927	1943	rVV	1400260	2414257	23.43%	1.833%
13	7.317	1944	1952	1975	rVB	132219	257782	2.50%	0.196%
14	7.493	1997	2007	2016	rBV	156900	249264	2.42%	0.189%
15	7.548	2016	2024	2056	rVB	252476	519449	5.04%	0.394%
16	8.021	2148	2171	2197	rBV2	622796	1264263	12.27%	0.960%
17	8.500	2309	2320	2333	rBV4	119079	318830	3.09%	0.242%
18	8.596	2341	2350	2363	rVB3	477691	791869	7.69%	0.601%
19	8.718	2374	2388	2397	rBV	412229	676153	6.56%	0.513%
20	8.780	2397	2407	2442	rVB	1437207	2487806	24.15%	1.889%
21	8.944	2442	2458	2467	rBV2	115343	245175	2.38%	0.186%
22	9.034	2476	2486	2489	rBV4	117272	192060	1.86%	0.146%
23	9.069	2490	2497	2508	rVV2	480488	1005688	9.76%	0.764%
24	9.133	2508	2517	2543	rVB	2532142	3987113	38.70%	3.028%
25	9.407	2587	2602	2615	rVV4	422392	805550	7.82%	0.612%
26	9.474	2616	2623	2629	rBV	322840	488235	4.74%	0.371%
27	9.509	2629	2634	2645	rVB	234565	355900	3.45%	0.270%
28	9.641	2667	2675	2685	rVB	858292	1338268	12.99%	1.016%
29	9.731	2686	2703	2712	rBV4	683754	1595092	15.48%	1.211%
30	9.779	2712	2718	2729	rVB	468730	758942	7.37%	0.576%
31	9.860	2730	2743	2750	rBV3	199366	415868	4.04%	0.316%
32	9.905	2751	2757	2763	rBV3	124368	158067	1.53%	0.120%
33	9.950	2763	2771	2779	rBV2	380216	576919	5.60%	0.438%
34	10.017	2779	2792	2797	rVV2	936796	1790612	17.38%	1.360%
35	10.050	2797	2802	2813	rVB	1389520	1930894	18.74%	1.466%
36	10.149	2816	2833	2847	rBV4	2134723	3892228	37.78%	2.956%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037491.D
 Acq On : 23 Sep 2024 18:25
 Operator : SY/MD
 Sample : P4024-01MEDL 20X
 Misc : 6.18G/5mL/100ul/5ml/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DD5CD5MEDL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Title : VOC Analysis

37	10.217	2848	2854	2864	rVB4	186717	302599	2.94%	0.230%
38	10.284	2865	2875	2882	rBV	436774	743440	7.22%	0.565%
39	10.378	2895	2904	2917	rBV	1625639	3256022	31.60%	2.473%
40	10.442	2918	2924	2928	rVV	703430	1050497	10.20%	0.798%
41	10.471	2928	2933	2937	rVV	967265	1356249	13.16%	1.030%
42	10.513	2938	2946	2966	rVB	6840574	10303141	100.00%	7.824%
43	10.628	2968	2982	2986	rBV2	455459	774002	7.51%	0.588%
44	10.667	2987	2994	3001	rVV	799980	1157988	11.24%	0.879%
45	10.705	3002	3006	3015	rVB3	355474	441954	4.29%	0.336%
46	10.773	3018	3027	3031	rBV4	352971	526164	5.11%	0.400%
47	10.812	3032	3039	3043	rVV	1121900	1509264	14.65%	1.146%
48	10.844	3043	3049	3060	rVB	2199887	3199012	31.05%	2.429%
49	10.953	3073	3083	3094	rBV4	1409664	2675555	25.97%	2.032%
50	11.030	3103	3107	3116	rVB4	502884	665675	6.46%	0.506%
51	11.088	3117	3125	3131	rVV4	654400	1020416	9.90%	0.775%
52	11.127	3132	3137	3144	rVV2	373347	553157	5.37%	0.420%
53	11.178	3145	3153	3161	rVV2	1825297	2749125	26.68%	2.088%
54	11.233	3162	3170	3175	rVV4	1065262	1814772	17.61%	1.378%
55	11.268	3175	3181	3188	rVV2	1639354	2506658	24.33%	1.904%
56	11.307	3188	3193	3203	rVB	1157349	1517877	14.73%	1.153%
57	11.397	3213	3221	3233	rVB	1099976	1528767	14.84%	1.161%
58	11.474	3235	3245	3250	rVV5	675376	1284046	12.46%	0.975%
59	11.506	3251	3255	3262	rVV2	839453	1229170	11.93%	0.933%
60	11.558	3262	3271	3289	rVB5	2086672	4798461	46.57%	3.644%
61	11.677	3301	3308	3312	rBV4	264082	385841	3.74%	0.293%
62	11.725	3313	3323	3351	rVB2	5023853	9757665	94.71%	7.410%
63	11.847	3352	3361	3364	rBV2	990092	1441764	13.99%	1.095%
64	12.037	3412	3420	3432	rBV7	358611	1004871	9.75%	0.763%
65	12.191	3456	3468	3477	rBV9	397858	877838	8.52%	0.667%
66	12.304	3494	3503	3510	rBV4	622440	1124512	10.91%	0.854%
67	12.345	3511	3516	3525	rVV5	517601	849023	8.24%	0.645%
68	12.397	3525	3532	3539	rVV	1158667	1704941	16.55%	1.295%
69	12.435	3539	3544	3552	rVB2	580885	806113	7.82%	0.612%
70	12.484	3552	3559	3566	rBV2	537926	755225	7.33%	0.574%
71	12.525	3567	3572	3577	rVV2	186622	212749	2.06%	0.162%
72	12.599	3589	3595	3601	rBV	213749	268951	2.61%	0.204%
73	12.728	3626	3635	3643	rBV6	341205	600973	5.83%	0.456%
74	12.779	3645	3651	3655	rVV3	261478	396576	3.85%	0.301%
75	12.821	3656	3664	3673	rVV3	1479967	2614905	25.38%	1.986%
76	12.869	3675	3679	3687	rVV4	427692	639354	6.21%	0.486%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037491.D
 Acq On : 23 Sep 2024 18:25
 Operator : SY/MD
 Sample : P4024-01MEDL 20X
 Misc : 6.18G/5mL/100ul/5ml/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DD5CD5MEDL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Title : VOC Analysis

77	12.914	3687	3693	3704	rVB3	454959	722269	7.01%	0.548%
78	12.976	3705	3712	3722	rBV5	305207	584740	5.68%	0.444%
79	13.204	3773	3783	3791	rBV4	371684	714939	6.94%	0.543%
80	13.316	3809	3818	3823	rBV	1980597	2871181	27.87%	2.180%
81	13.352	3824	3829	3842	rVB5	1626684	3052449	29.63%	2.318%
82	13.750	3944	3953	3964	rBV	925159	1434189	13.92%	1.089%
83	13.837	3973	3980	3992	rVB2	517696	763624	7.41%	0.580%
84	13.905	3993	4001	4010	rBV2	779770	1229223	11.93%	0.933%
85	13.959	4011	4018	4026	rVB	459076	684103	6.64%	0.520%
86	14.008	4026	4033	4048	rBV4	411145	858785	8.34%	0.652%
87	14.072	4049	4053	4063	rVB2	170271	250700	2.43%	0.190%
88	14.133	4064	4072	4079	rBV	626840	896564	8.70%	0.681%
89	14.348	4131	4139	4154	rVB	1003899	1534849	14.90%	1.166%
90	14.564	4200	4206	4211	rBV	266155	335666	3.26%	0.255%
91	14.750	4257	4264	4268	rBV2	262652	395340	3.84%	0.300%
92	15.352	4445	4451	4459	rVB2	171396	224407	2.18%	0.170%
93	15.599	4520	4528	4541	rVV	247259	453256	4.40%	0.344%
94	15.670	4543	4550	4558	rVB	276769	370500	3.60%	0.281%
95	15.741	4565	4572	4577	rBV	269039	404900	3.93%	0.307%
96	15.779	4577	4584	4598	rVB2	614773	1046580	10.16%	0.795%
97	16.213	4711	4719	4733	rBV	597778	886217	8.60%	0.673%
98	16.284	4736	4741	4759	rVB6	120333	199801	1.94%	0.152%
99	16.506	4803	4810	4816	rBV	185622	246846	2.40%	0.187%
100	16.853	4909	4918	4928	rVB	390155	575130	5.58%	0.437%

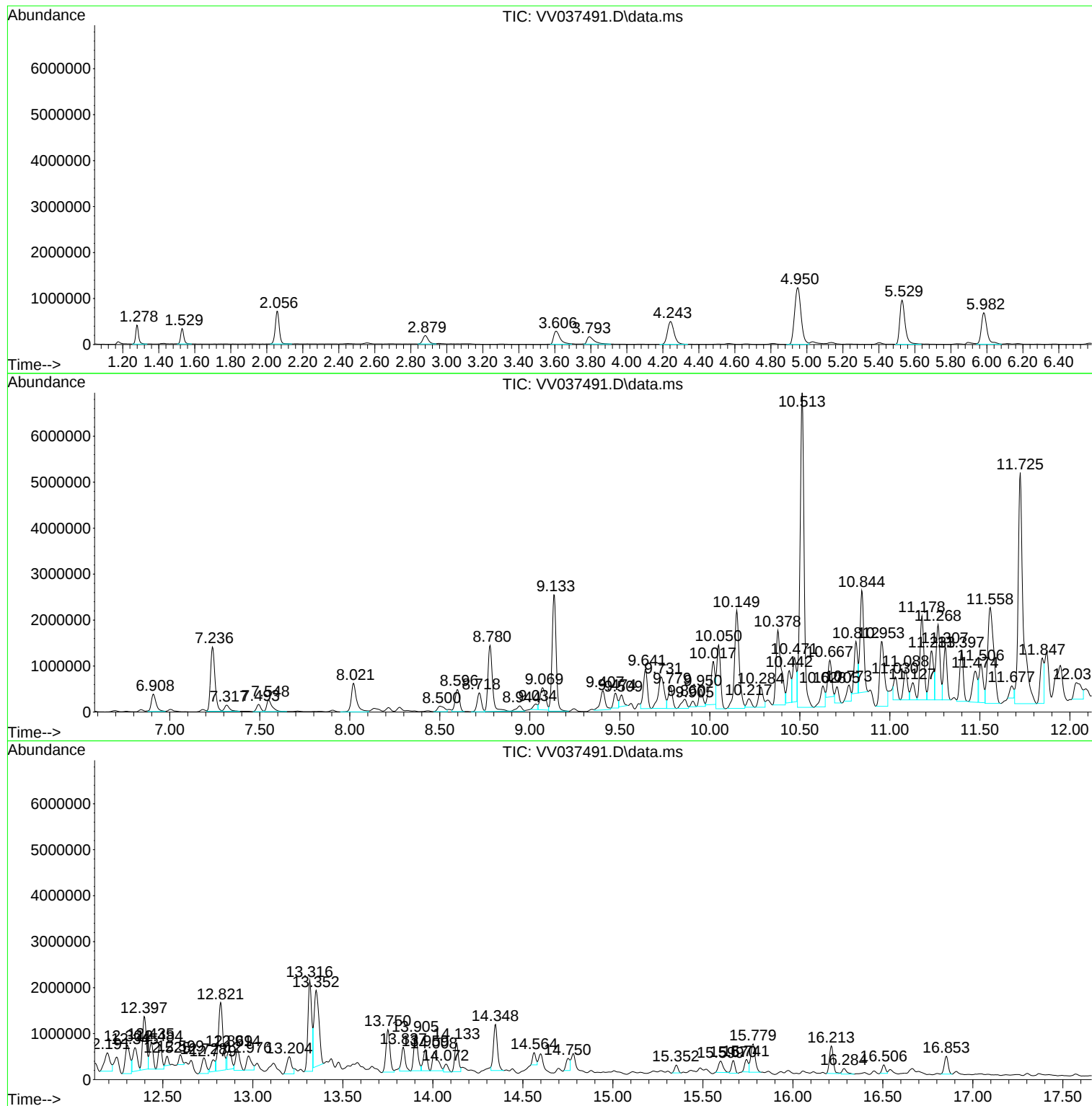
Sum of corrected areas: 131682108

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

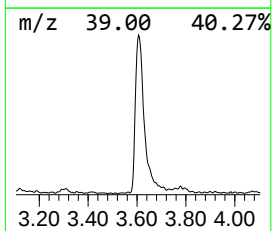
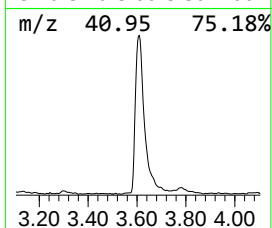
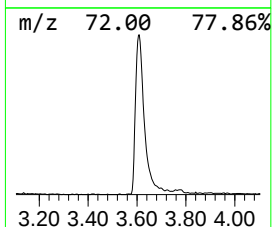
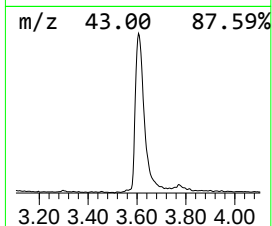
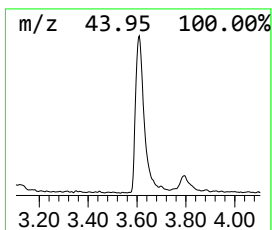
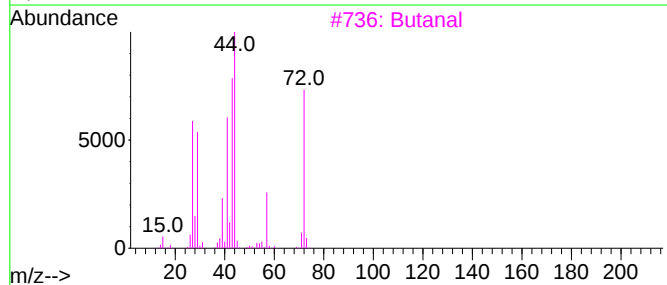
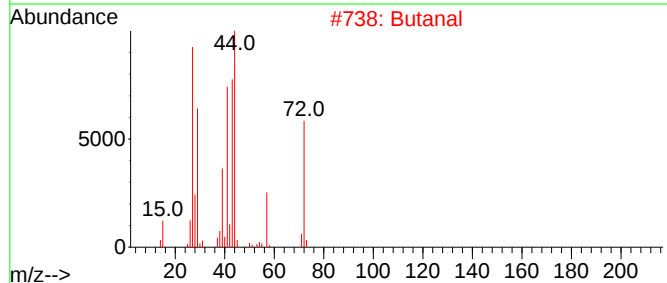
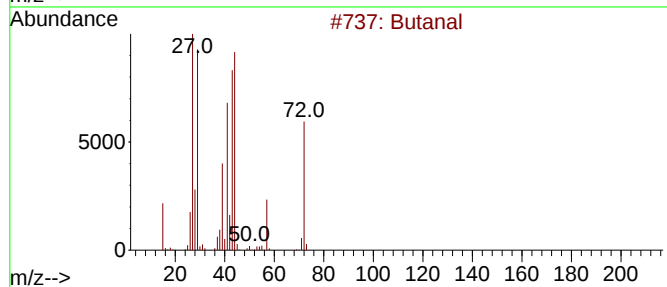
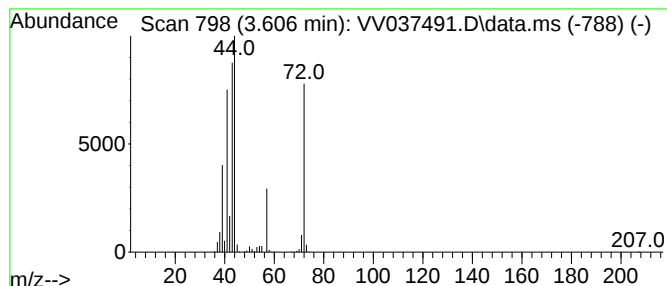
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butanal Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.606	17.96 ug/L	705978	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal			72	C4H8O	000123-72-8	91
2	Butanal			72	C4H8O	000123-72-8	83
3	Butanal			72	C4H8O	000123-72-8	81
4	Butanal			72	C4H8O	000123-72-8	74
5	Butanal			72	C4H8O	000123-72-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

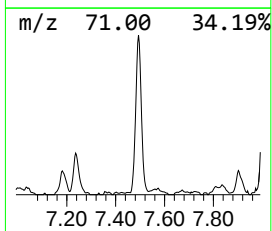
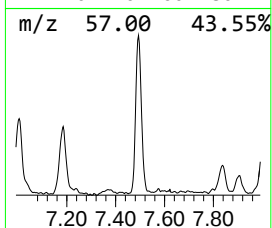
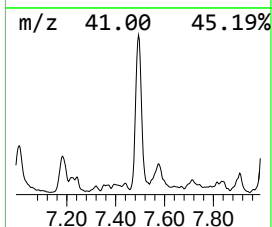
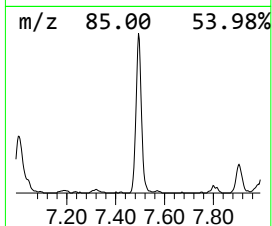
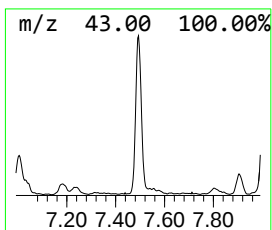
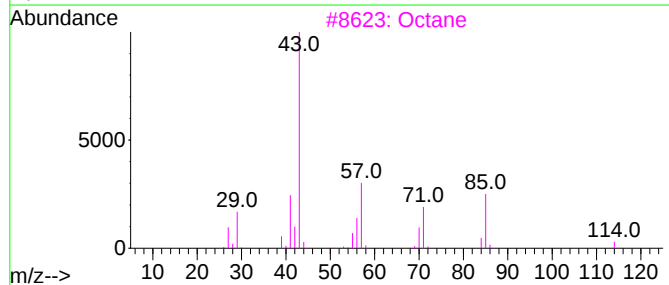
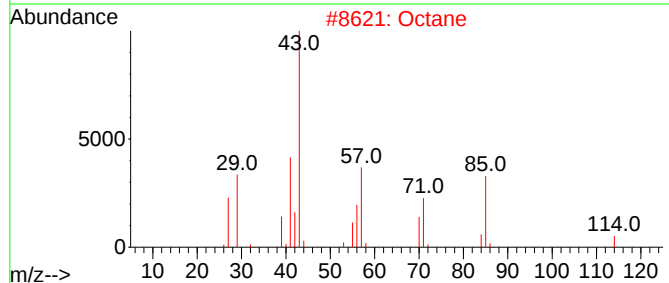
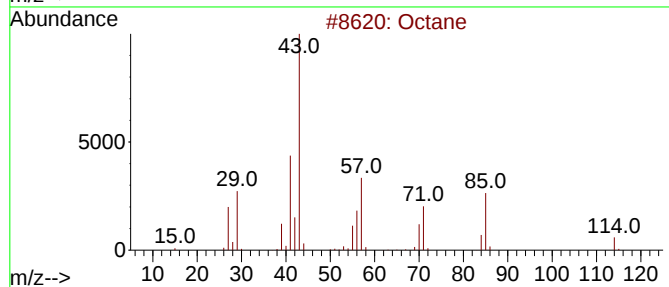
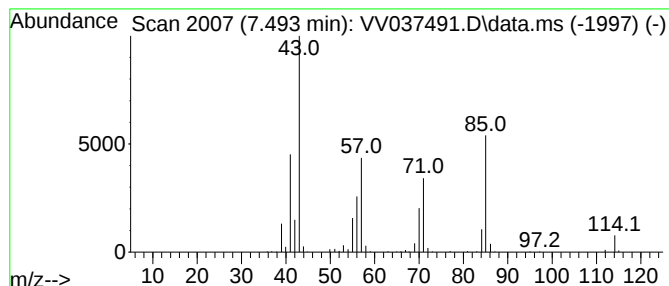
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.493	5.01 ug/L	249264	Chlorobenzene-d5	8.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane		114	C8H18	000111-65-9	94
2	Octane		114	C8H18	000111-65-9	94
3	Octane		114	C8H18	000111-65-9	91
4	Octane		114	C8H18	000111-65-9	90
5	Octane		114	C8H18	000111-65-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

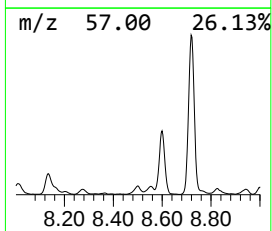
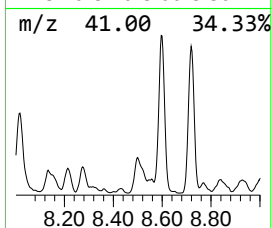
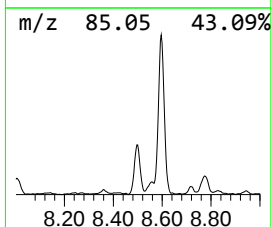
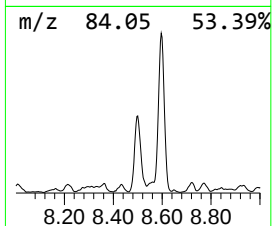
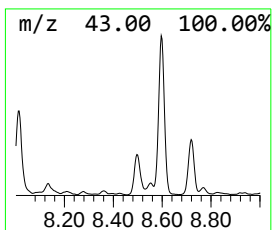
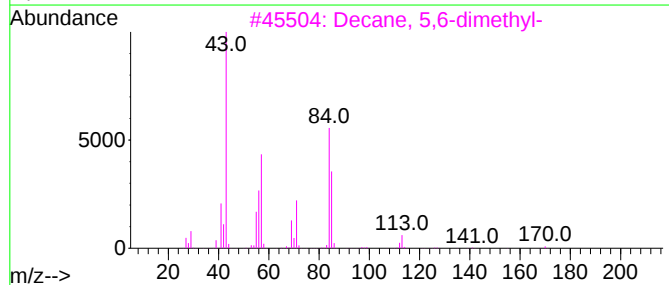
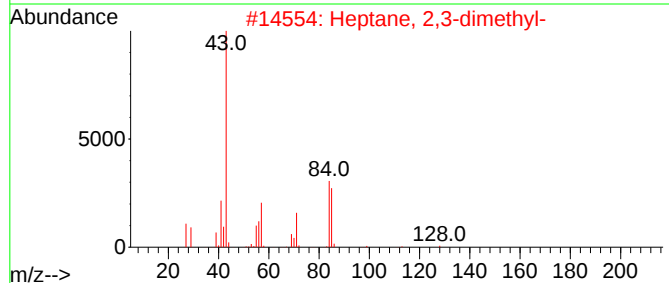
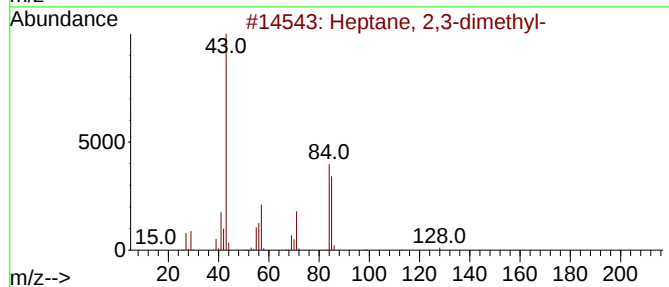
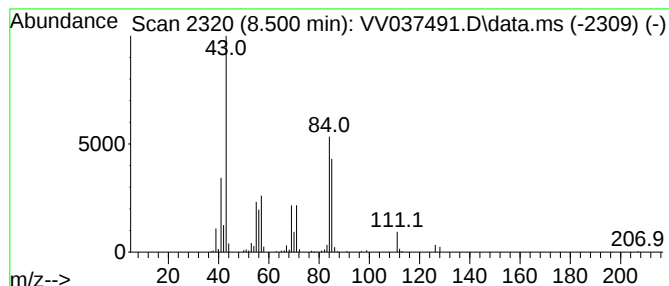
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.500	6.41 ug/L	318830	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	78
3	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	72
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
5	1-Octene, 4-methyl-	126	C9H18	013151-12-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

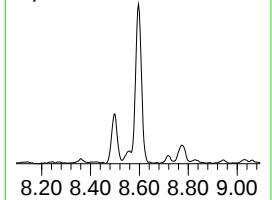
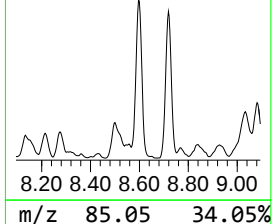
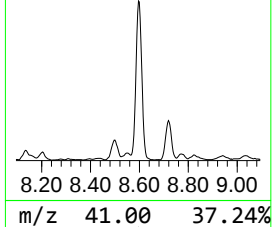
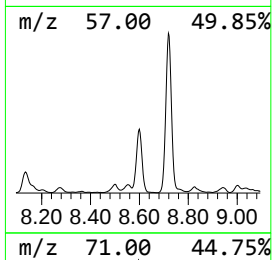
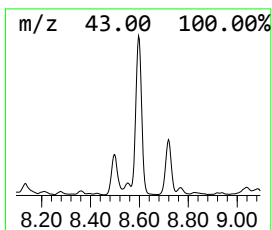
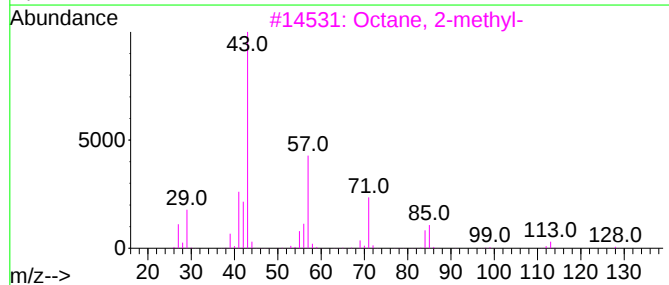
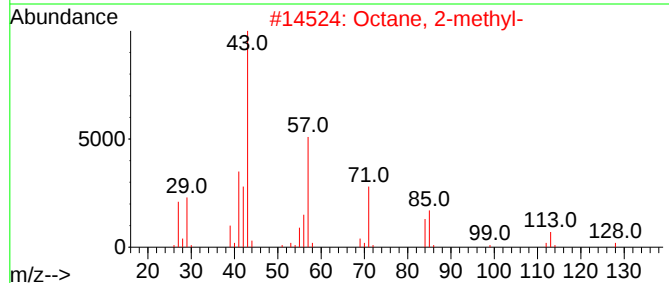
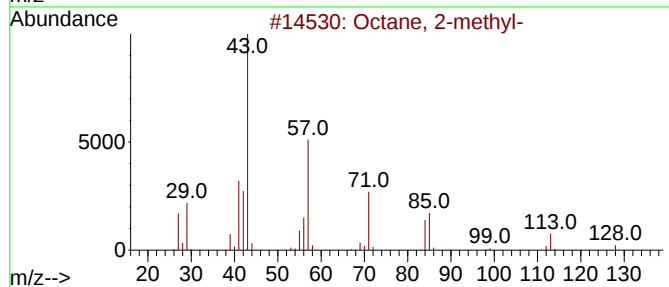
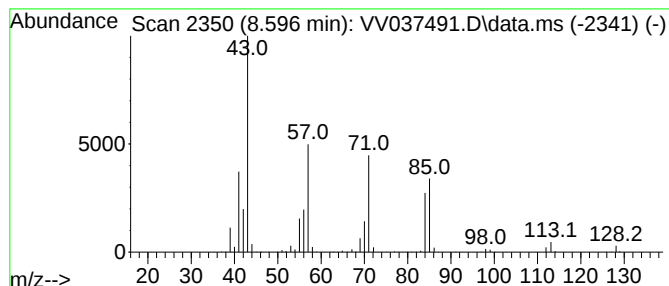
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.596	15.91 ug/L	791869	Chlorobenzene-d5	8.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-			128	C9H20	003221-61-2	80
2	Octane, 2-methyl-			128	C9H20	003221-61-2	64
3	Octane, 2-methyl-			128	C9H20	003221-61-2	64
4	Carbonic acid, nonyl prop-1-en-2...			228	C13H24O3	1000382-53-9	59
5	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

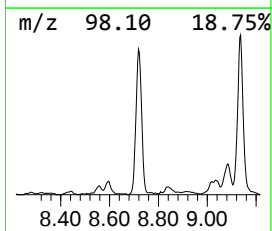
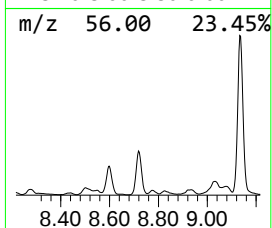
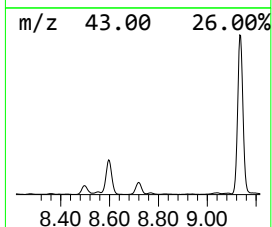
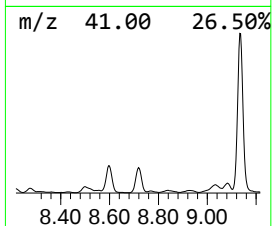
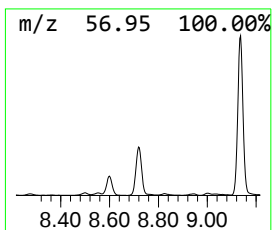
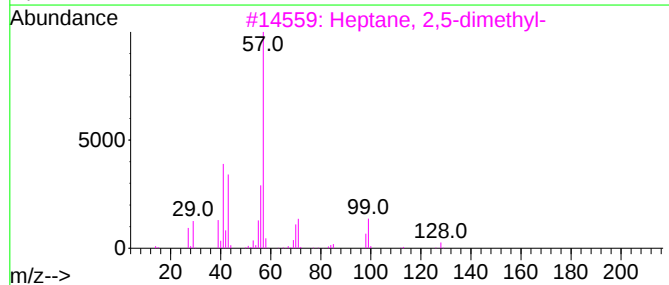
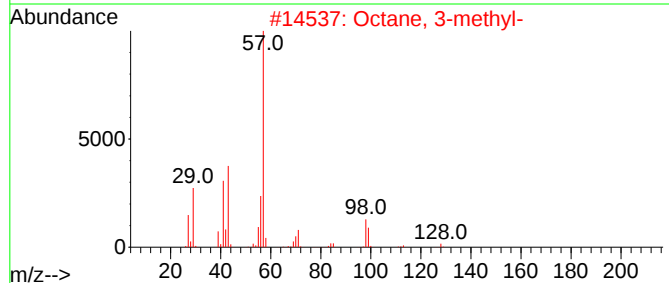
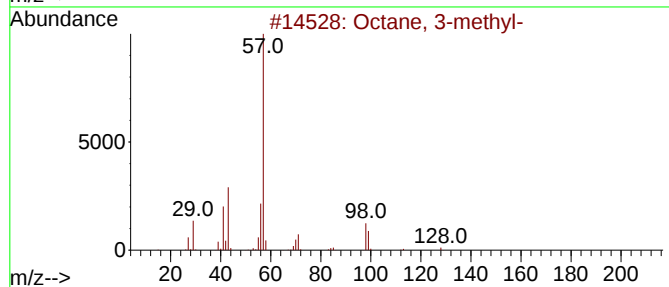
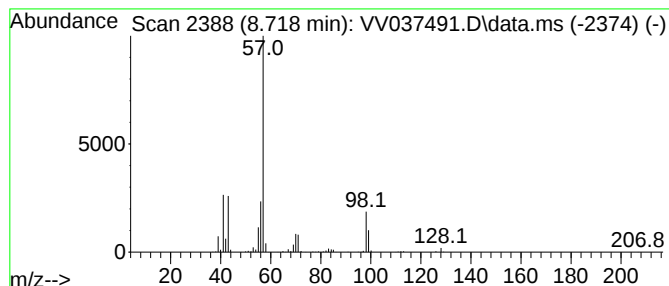
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.718	13.59 ug/L	676153	Chlorobenzene-d5	8.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	91
2		Octane, 3-methyl-	128	C9H20	002216-33-3	90
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
5		Octane, 3-methyl-	128	C9H20	002216-33-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

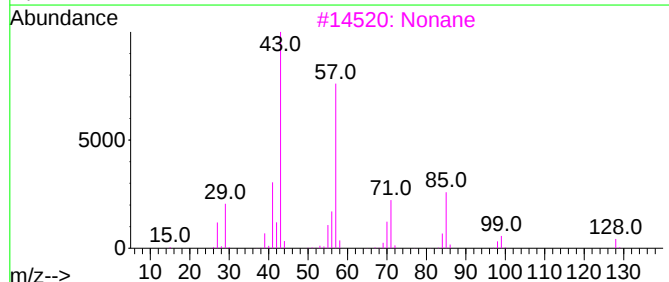
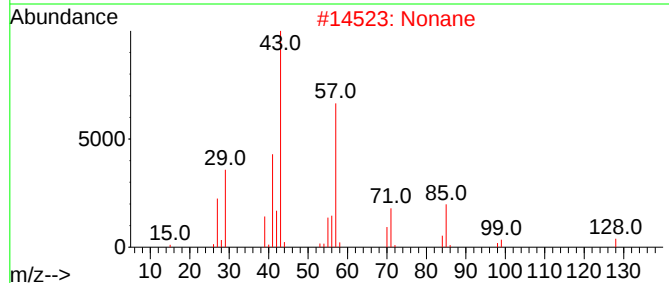
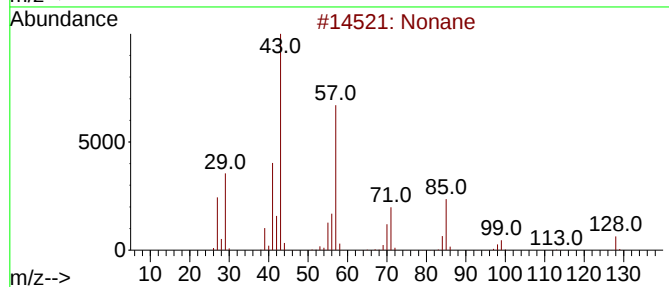
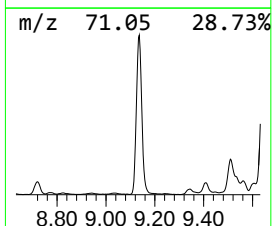
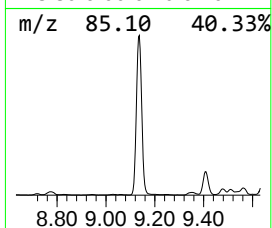
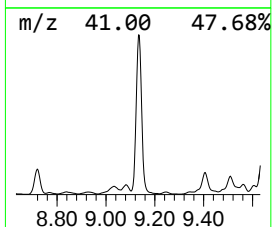
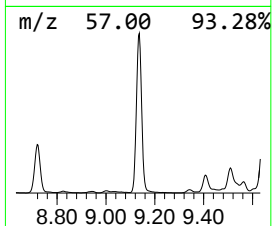
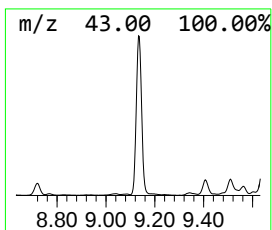
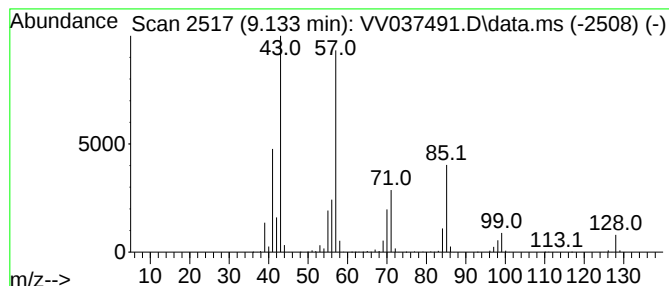
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.133	80.13 ug/L	3987110	Chlorobenzene-d5	8.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	95
2	Nonane			128	C9H20	000111-84-2	95
3	Nonane			128	C9H20	000111-84-2	91
4	Nonane			128	C9H20	000111-84-2	87
5	Octane			114	C8H18	000111-65-9	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

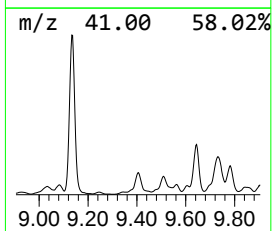
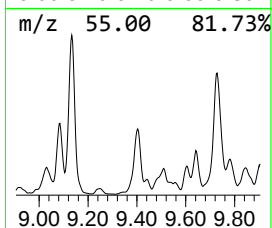
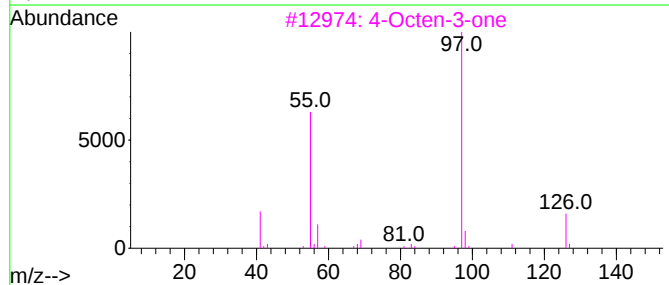
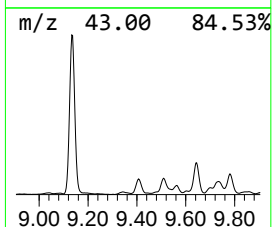
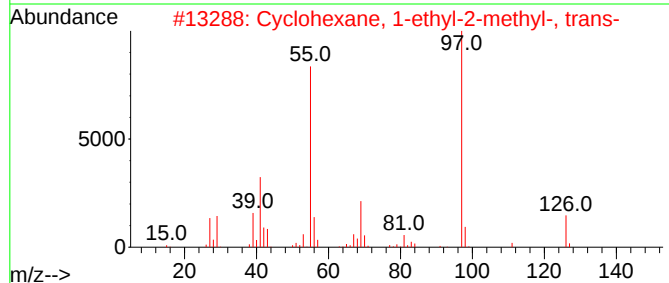
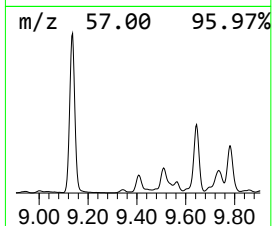
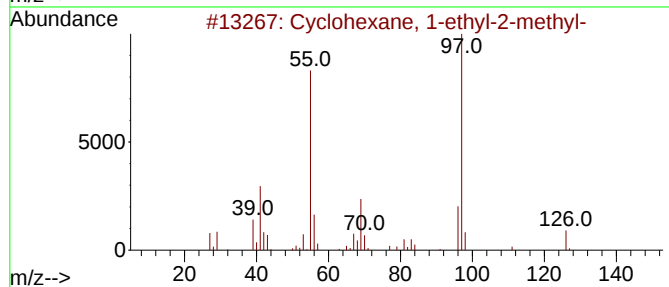
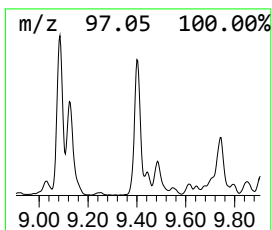
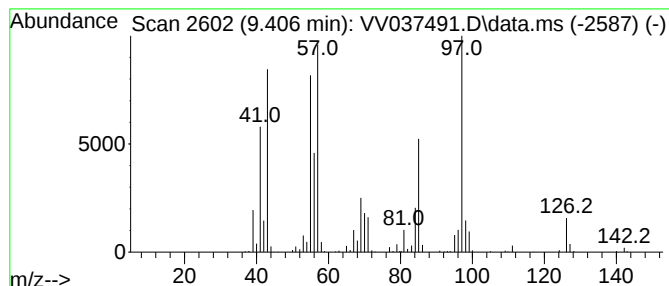
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic9.406 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.406	16.19 ug/L	805550	Chlorobenzene-d5	8.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	45
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	45
3		4-Octen-3-one	126	C8H14O	014129-48-7	43
4		3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	38
5		Oxirane, (2-methylbutyl)-	114	C7H14O	053229-42-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

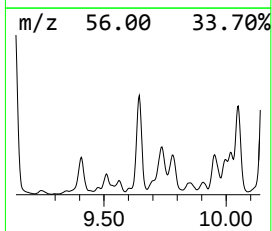
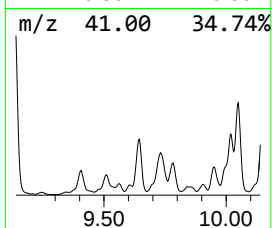
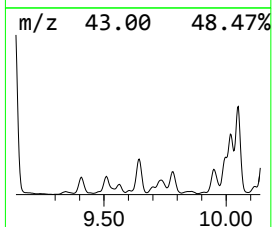
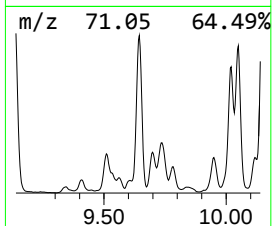
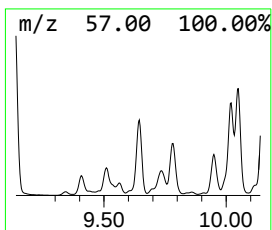
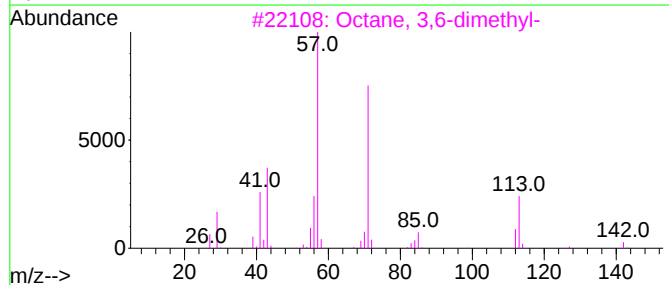
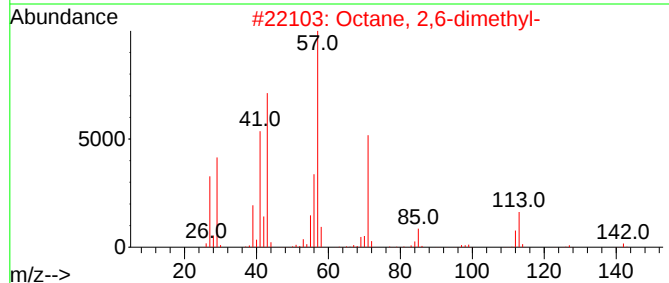
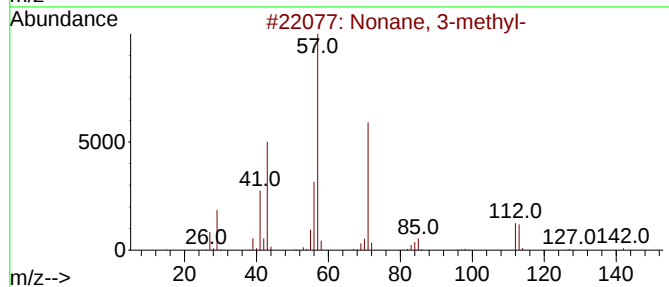
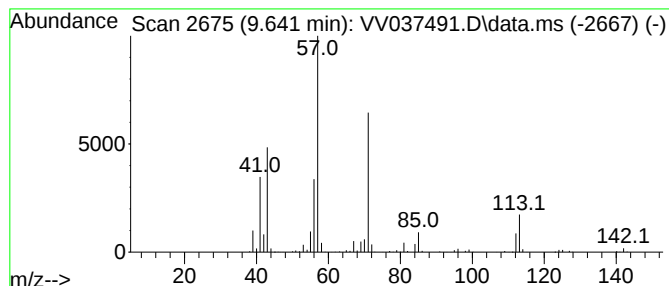
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.641	26.90 ug/L	1338270	Chlorobenzene-d5	8.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

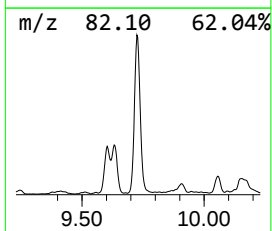
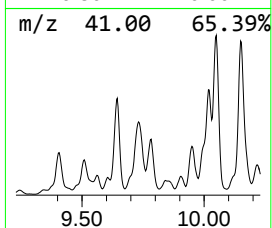
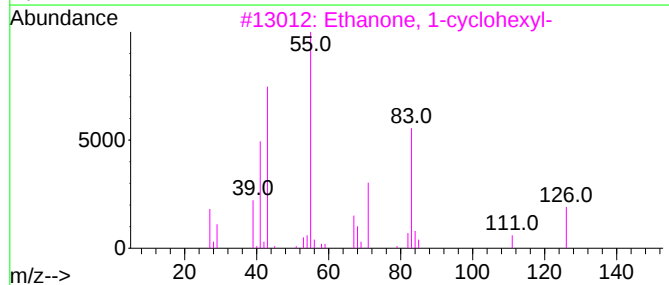
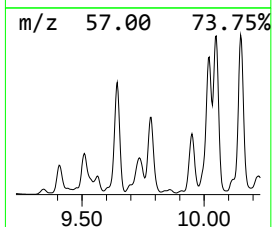
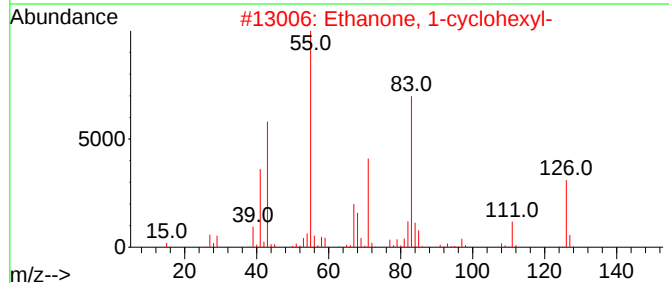
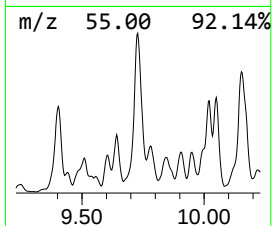
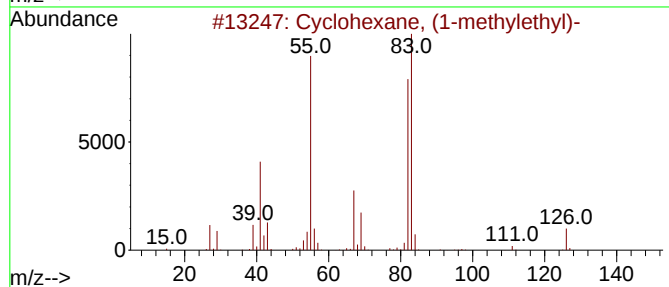
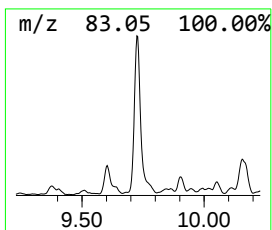
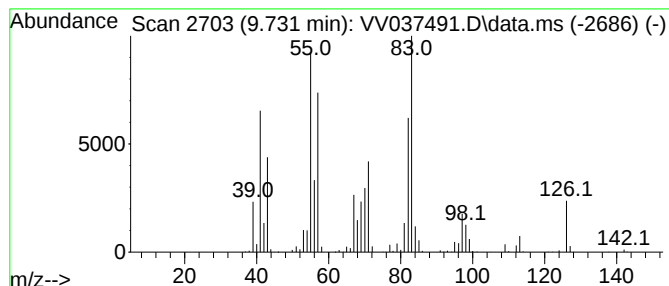
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic9.731 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.731	32.06 ug/L	1595090	Chlorobenzene-d5	8.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
2		Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	52
3		Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	52
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	49
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

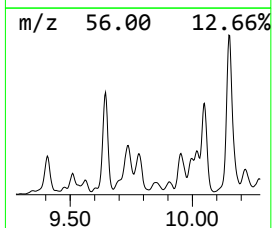
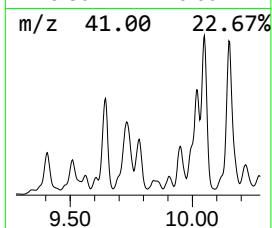
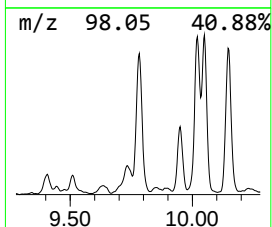
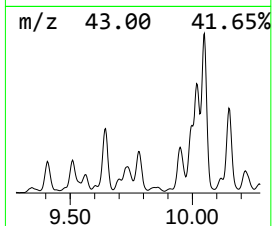
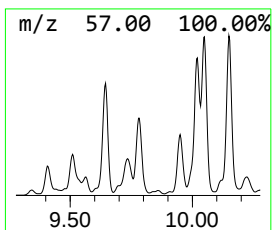
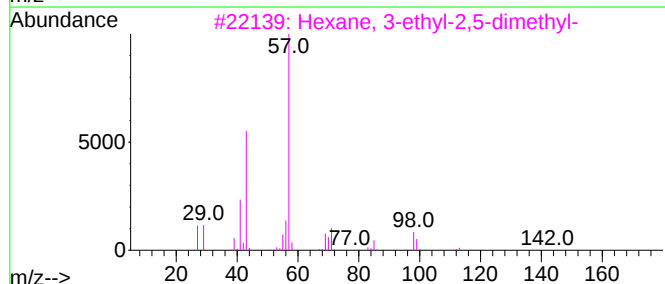
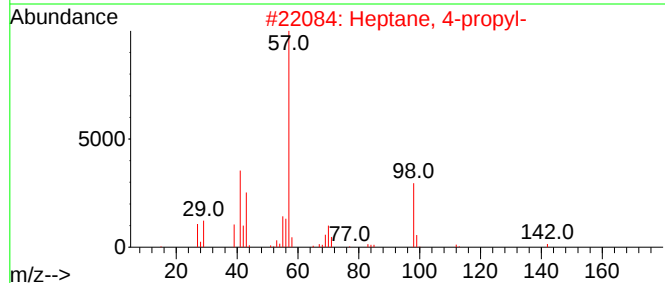
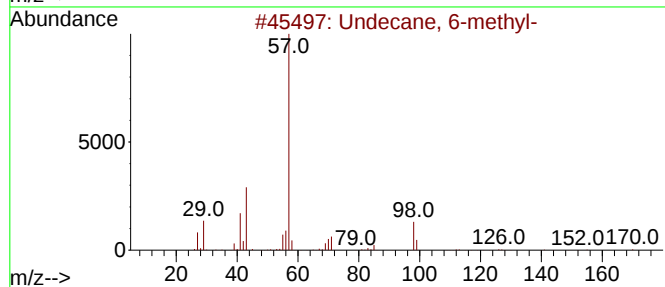
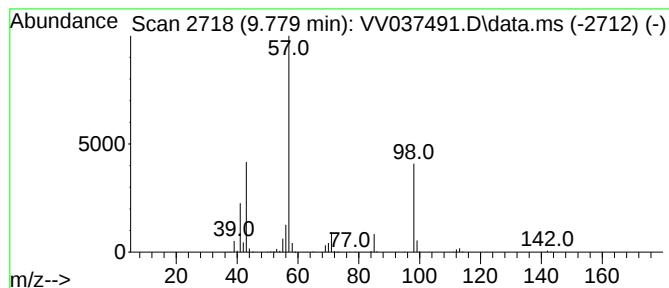
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.779	15.25 ug/L	758942	Chlorobenzene-d5	8.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 6-methyl-	170	C12H26	017302-33-9	64
2		Heptane, 4-propyl-	142	C10H22	003178-29-8	64
3		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	43
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	42
5		Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

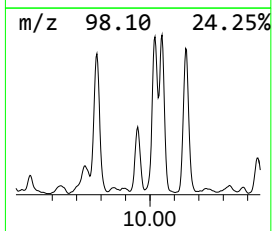
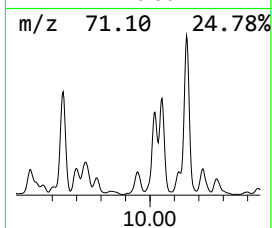
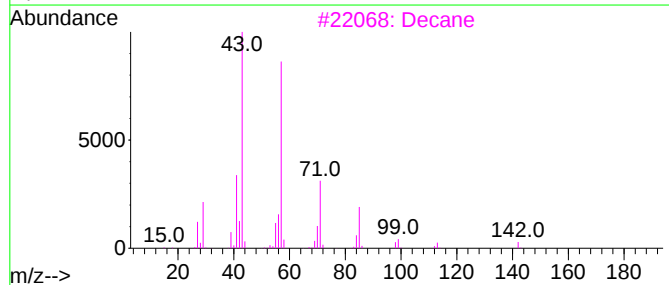
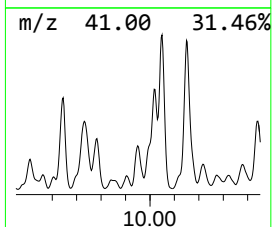
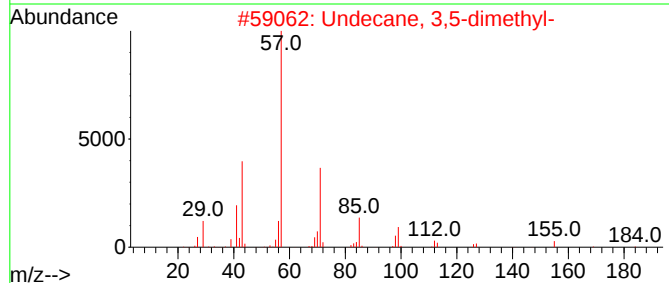
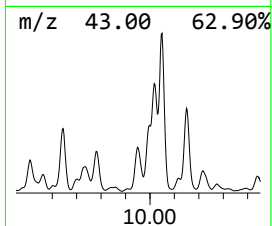
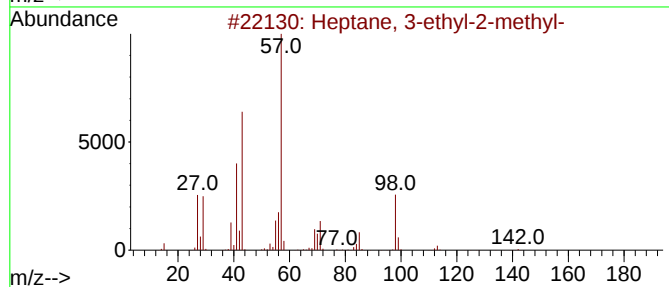
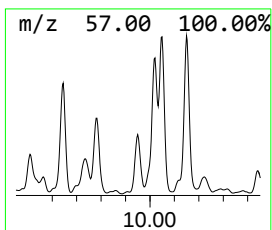
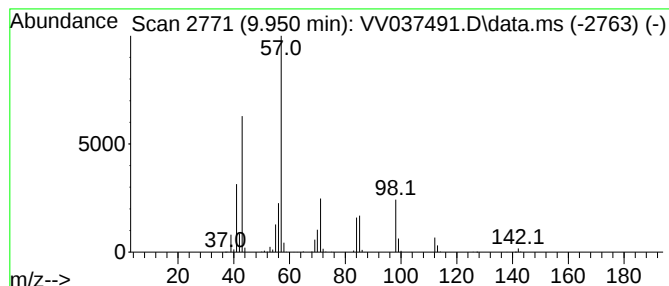
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.950	11.59 ug/L	576919	Chlorobenzene-d5	8.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	50
3		Decane	142	C10H22	000124-18-5	49
4		Heptane, 4-propyl-	142	C10H22	003178-29-8	49
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

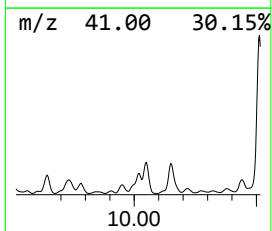
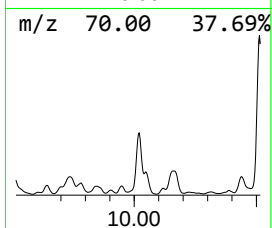
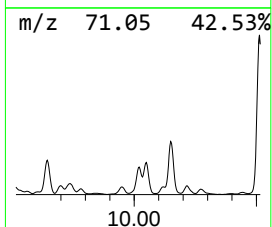
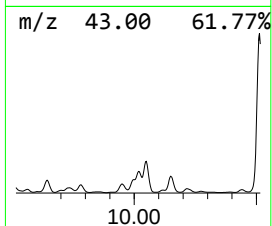
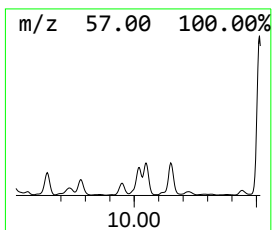
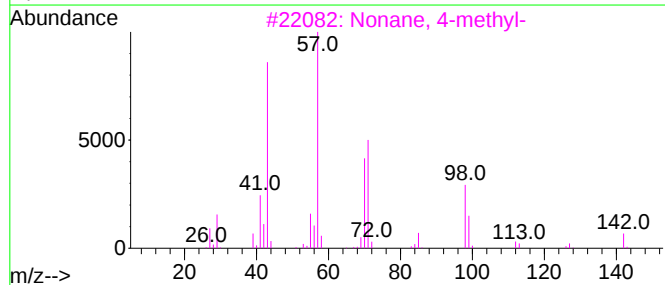
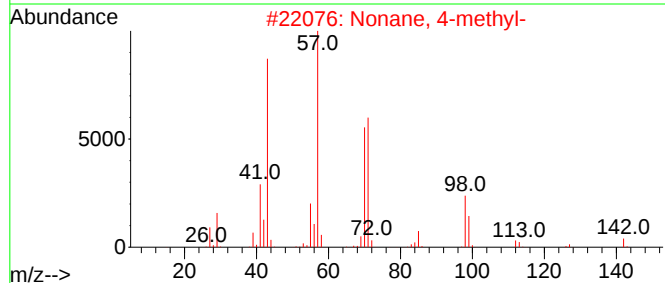
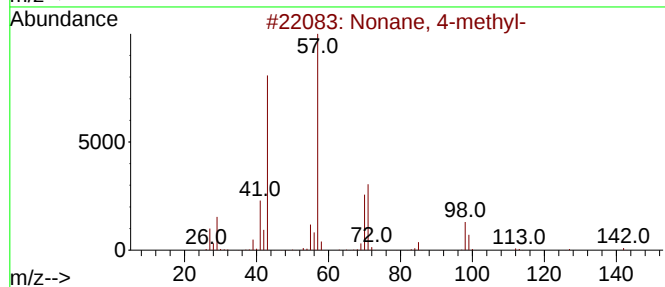
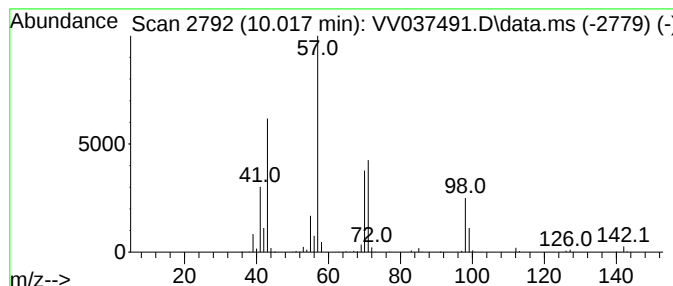
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.017	32.57 ug/L	1790610	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	74
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	72
4			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
5			Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

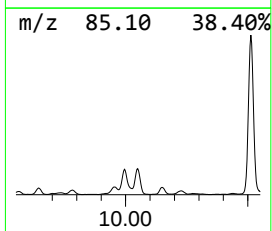
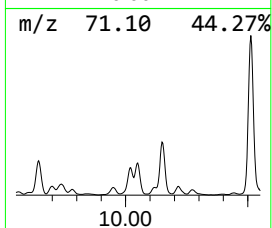
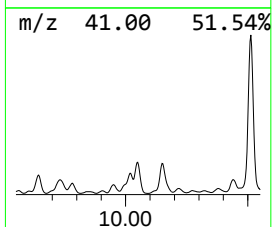
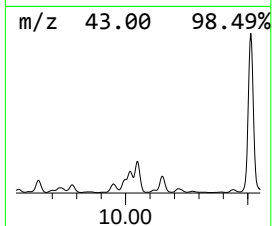
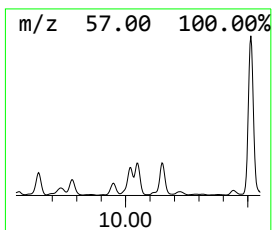
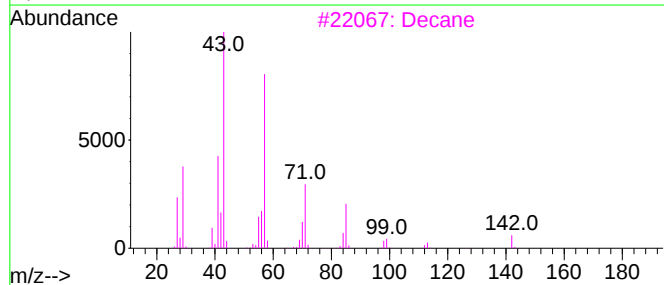
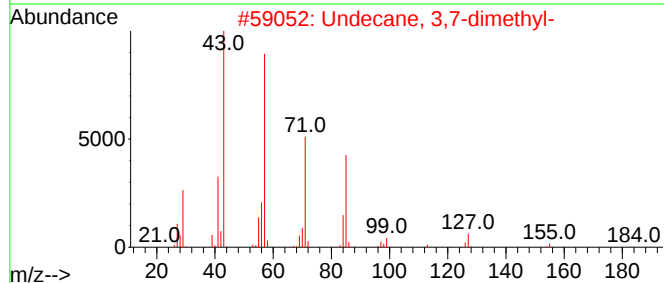
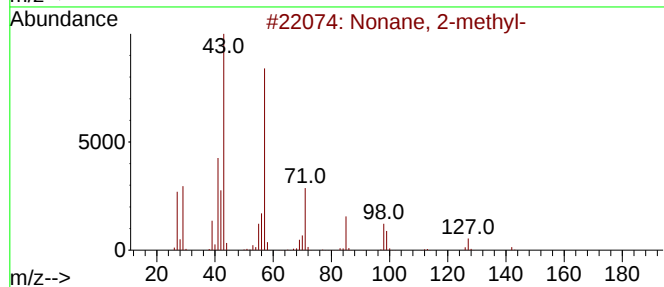
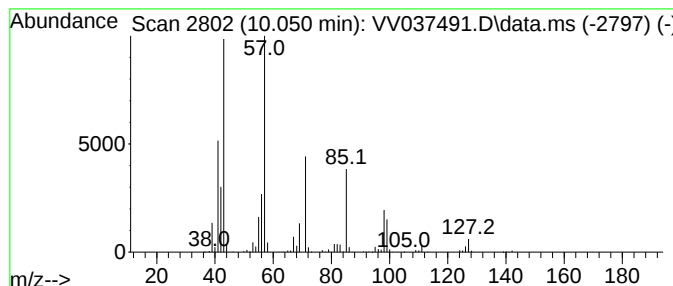
Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.050	35.12 ug/L	1930890	1,4-Dichlorobenzene-d4			11.178
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-		142	C10H22	000871-83-0	64
2	Undecane, 3,7-dimethyl-		184	C13H28	017301-29-0	59
3	Decane		142	C10H22	000124-18-5	59
4	Nonane, 2-methyl-		142	C10H22	000871-83-0	58
5	Octane, 2-methyl-		128	C9H20	003221-61-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

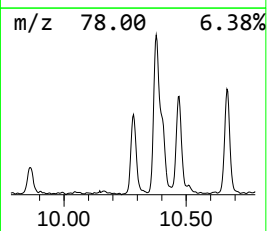
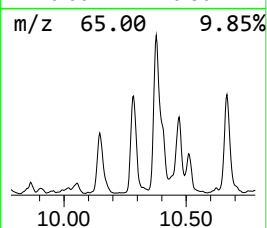
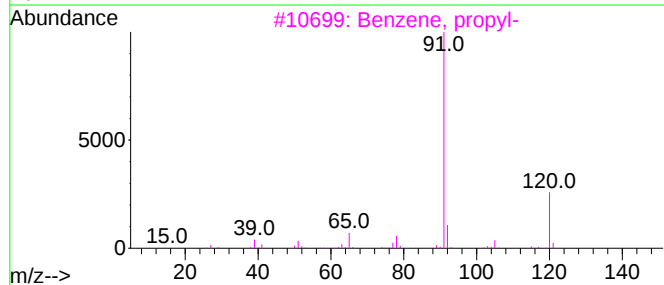
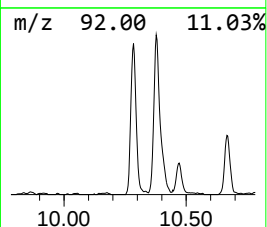
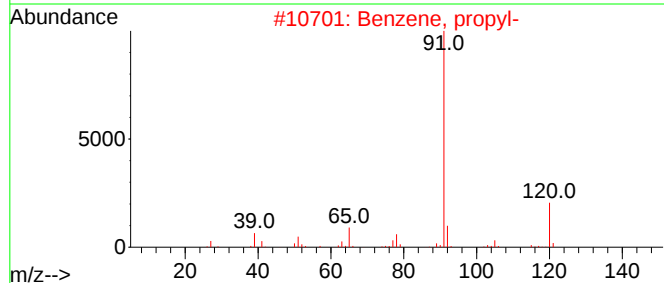
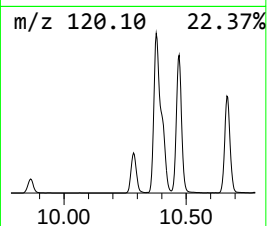
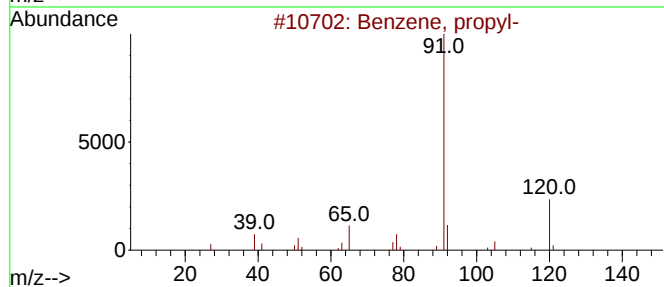
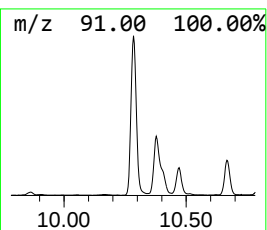
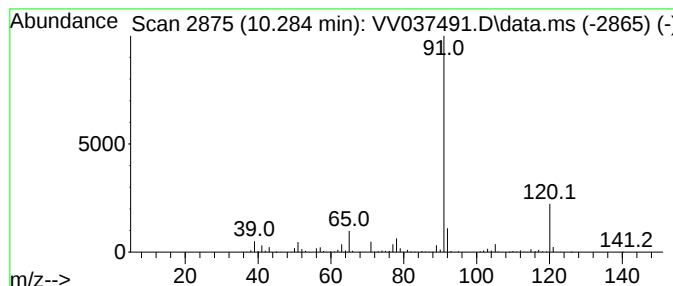
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, propyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.284	13.52 ug/L	743440	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	93
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	87
4			N-Benzyl-N-hexylamine	191	C13H21N	025468-44-4	72
5			1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

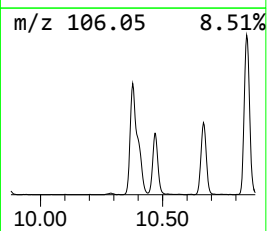
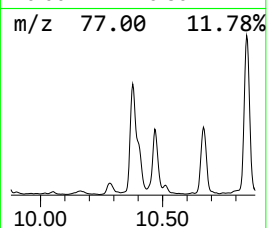
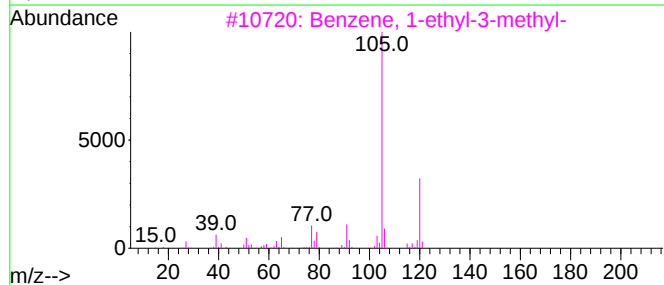
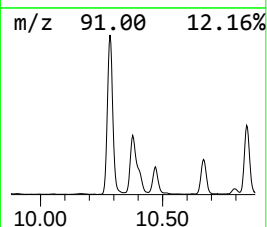
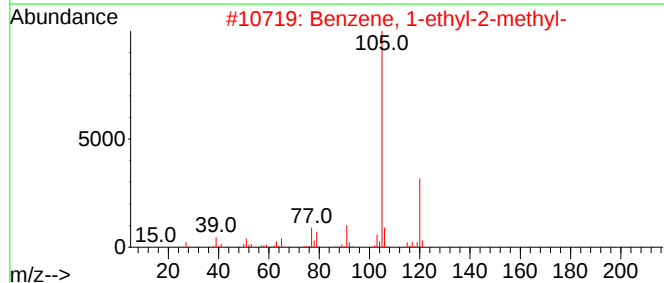
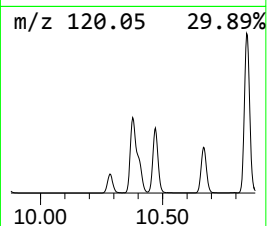
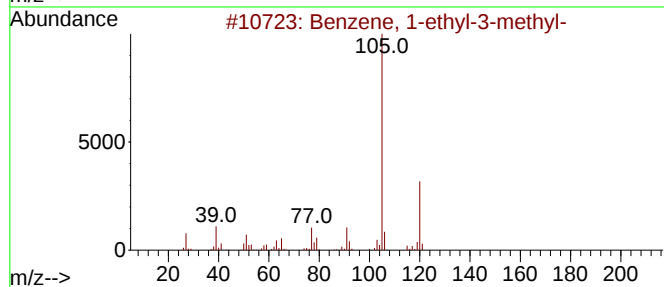
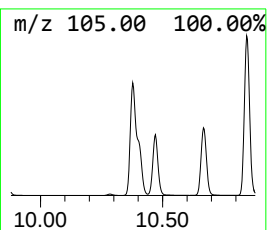
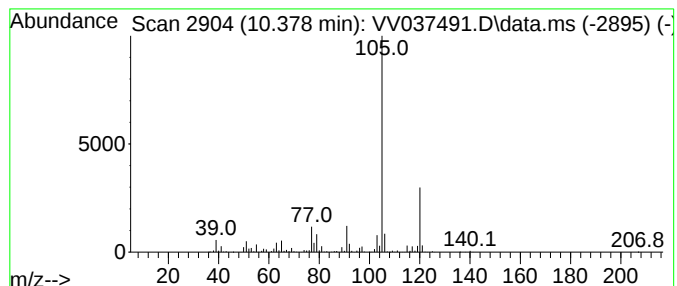
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.378	59.22 ug/L	3256020	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

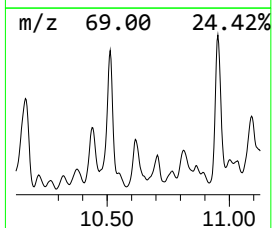
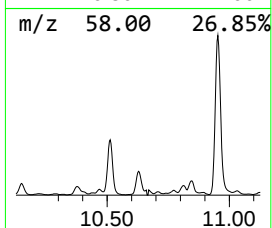
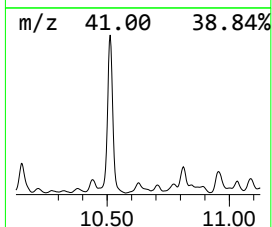
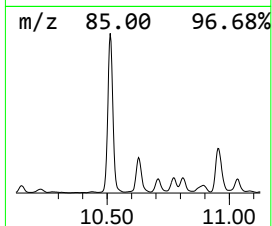
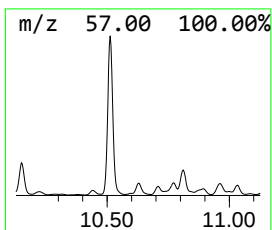
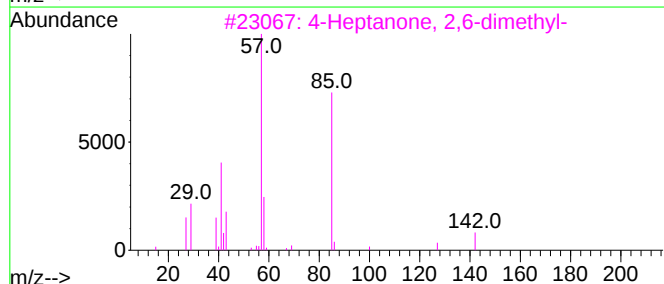
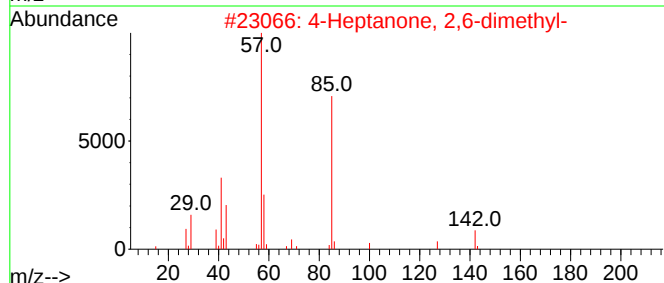
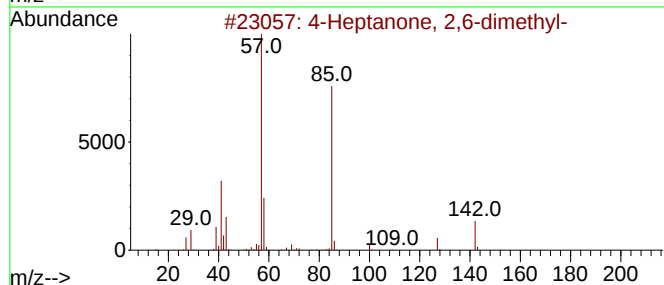
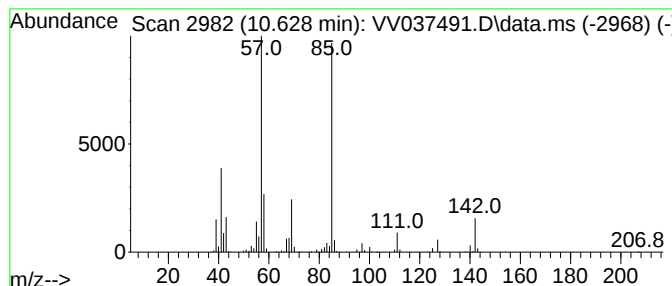
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 4-Heptanone, 2,6-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	14.08 ug/L	774002	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	90
2			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	86
3			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	83
4			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	80
5			5-Nonanone	142	C9H18O	000502-56-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

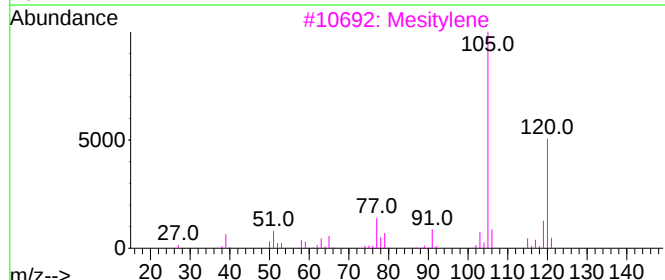
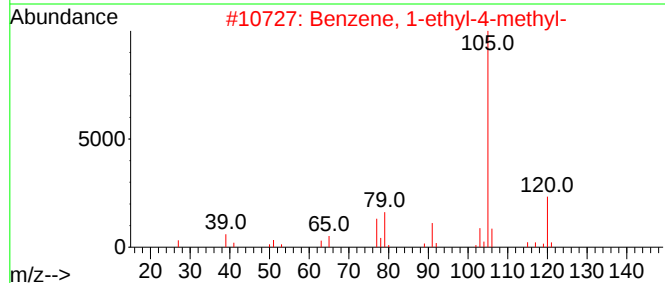
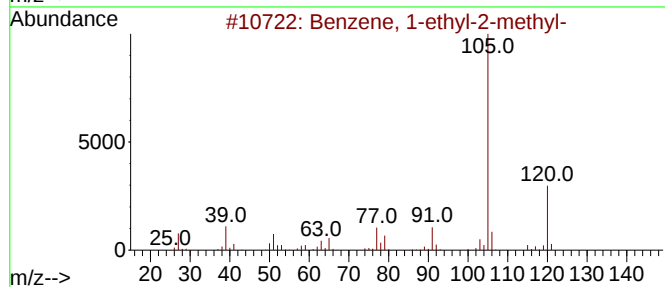
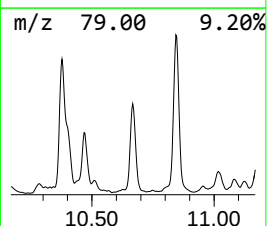
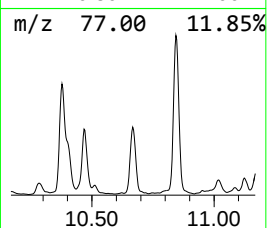
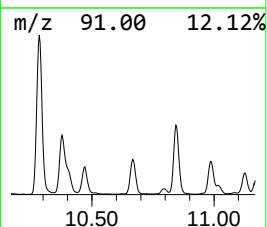
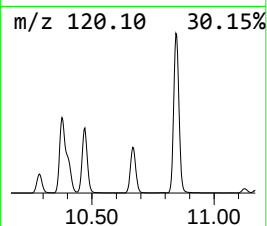
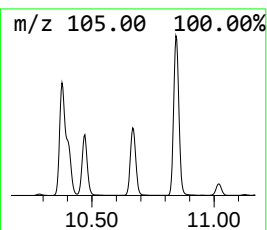
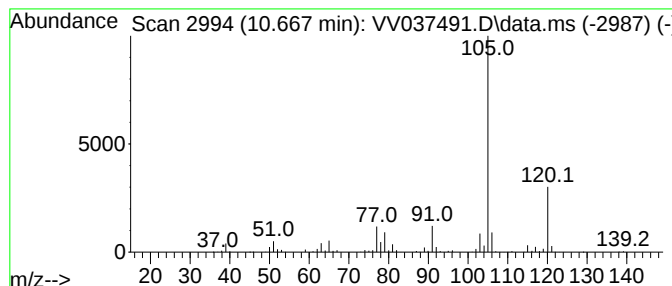
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzene, 1-ethyl-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.667	21.06 ug/L	1157990	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

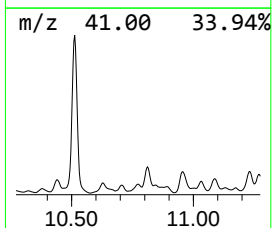
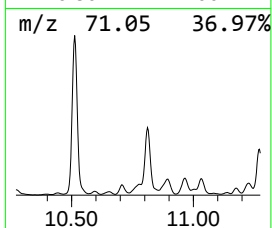
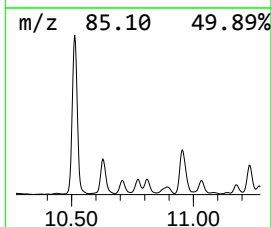
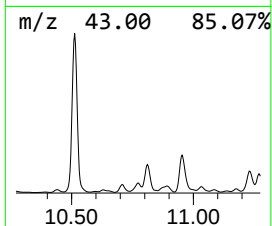
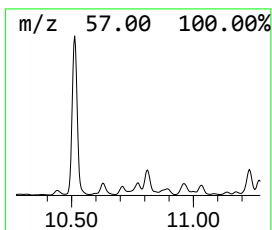
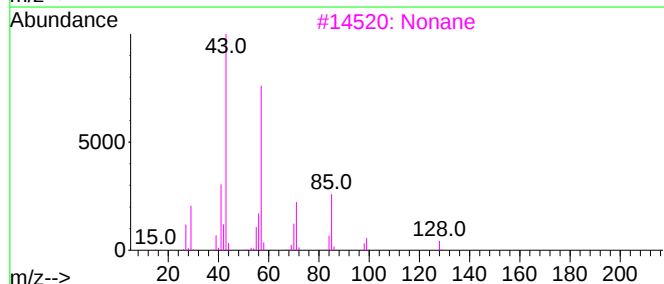
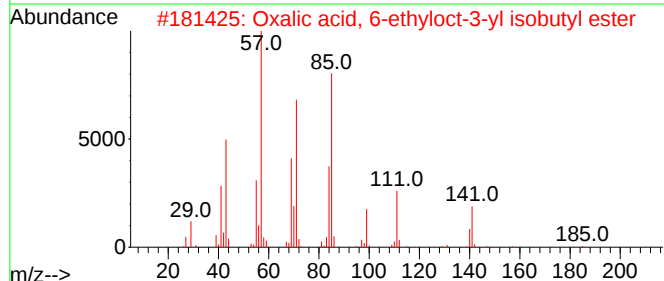
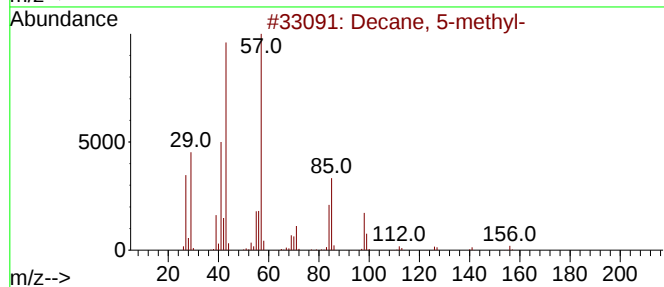
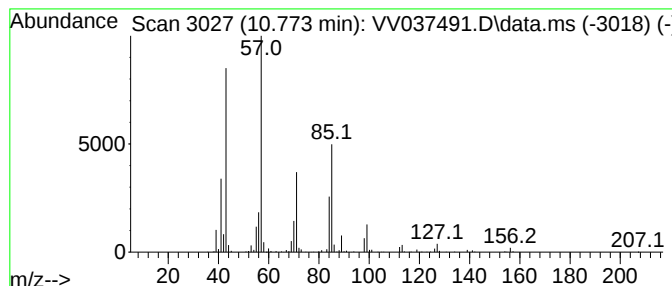
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.773	9.57 ug/L	526164	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	72
2			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	64
3			Nonane	128	C9H20	000111-84-2	64
4			1-Iodoundecane	282	C11H23I	004282-44-4	58
5			Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

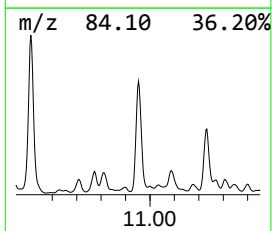
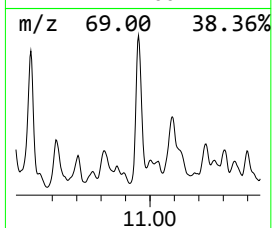
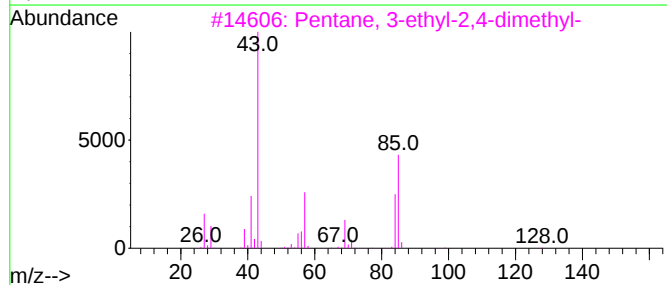
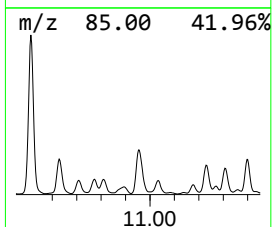
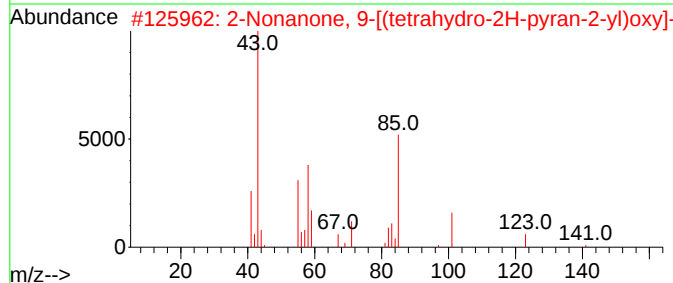
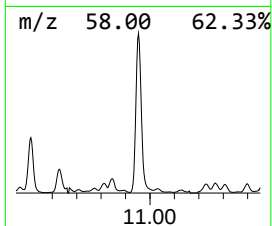
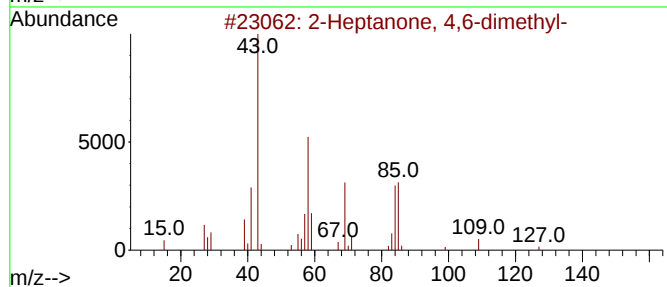
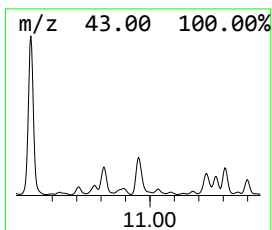
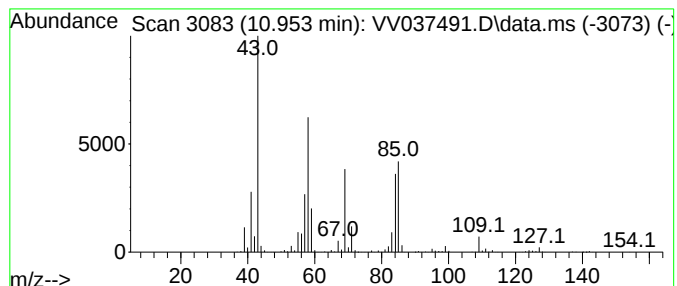
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 2-Heptanone, 4,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.953	48.66 ug/L	2675560	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2			2-Nonanone, 9-[(tetrahydro-2H-py...	242	C14H26O3	054699-41-1	50
3			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	49
4			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	46
5			2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

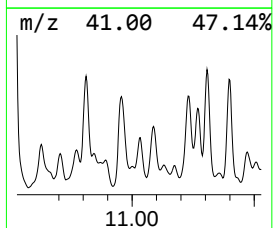
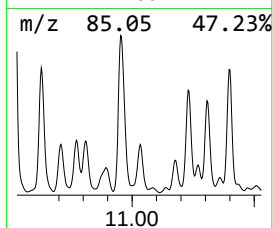
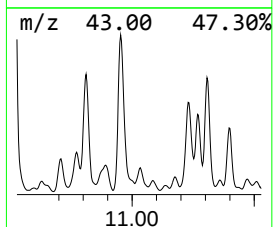
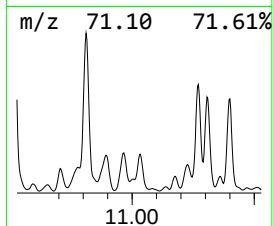
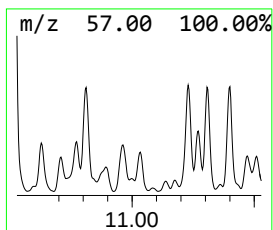
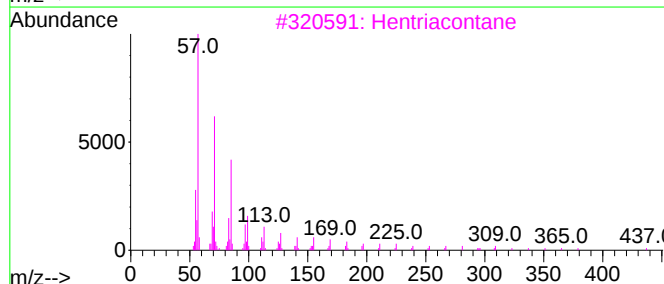
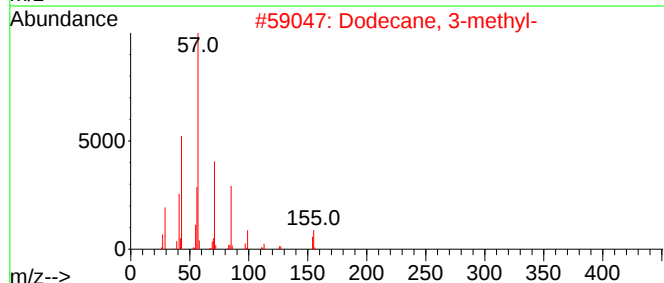
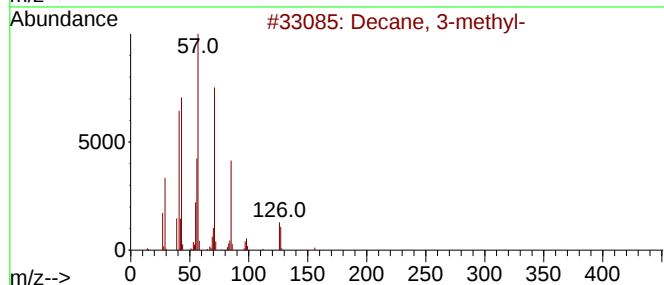
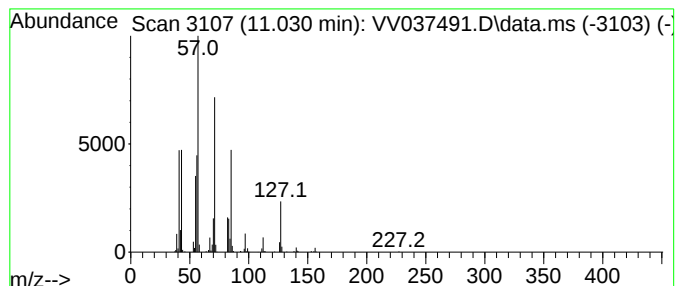
Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.030	12.11 ug/L	665675	1,4-Dichlorobenzene-d4	11.178	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	86
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
3	Hentriacontane	437	C31H64	000630-04-6	53
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

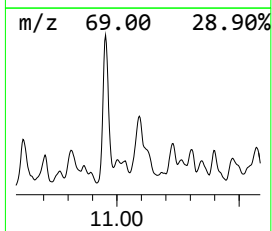
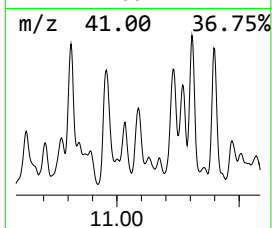
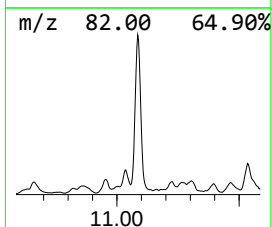
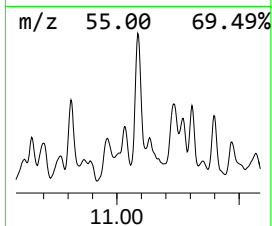
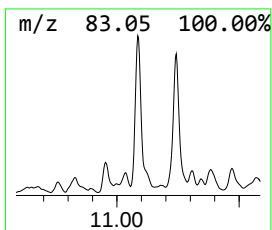
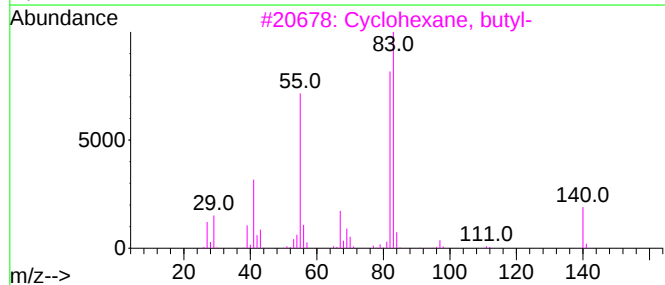
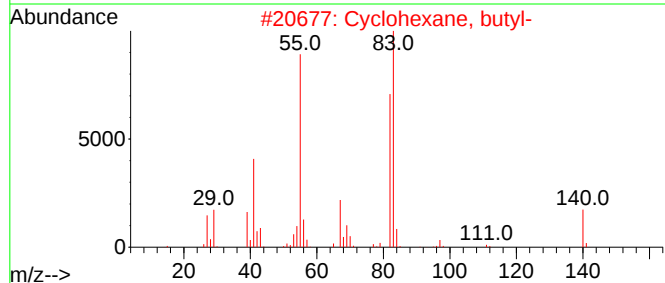
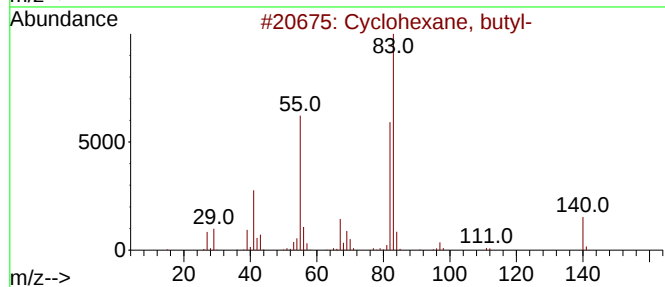
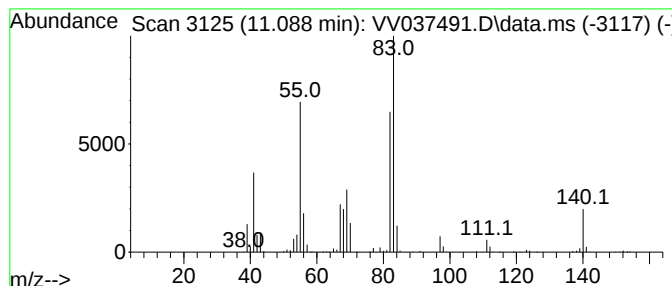
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Cyclic11.088 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.088	18.56 ug/L	1020420	1,4-Dichlorobenzene-d4	11.178

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, butyl-	140	C10H20	001678-93-9	81
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	80
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	74
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

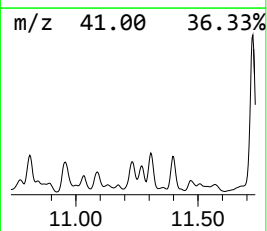
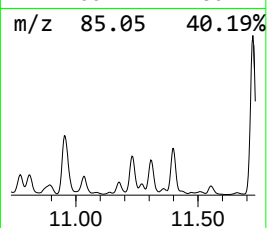
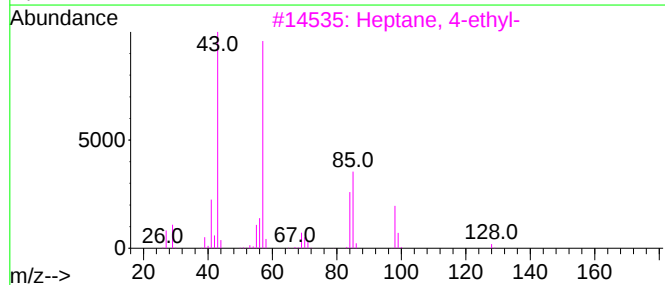
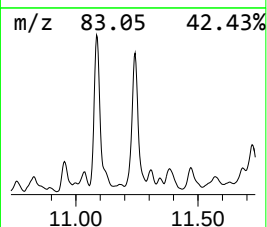
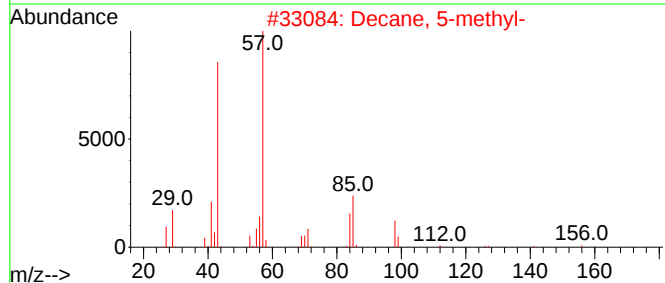
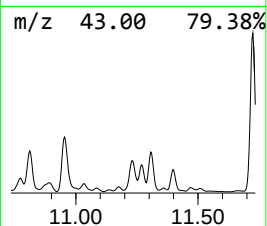
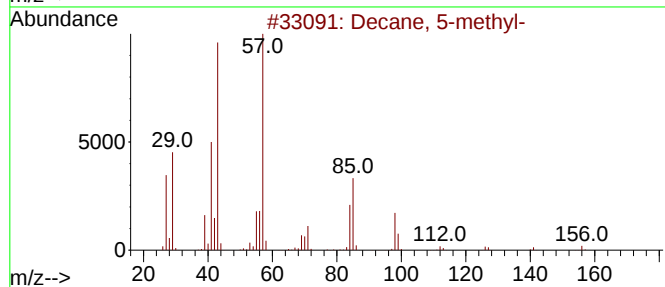
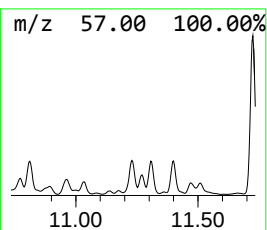
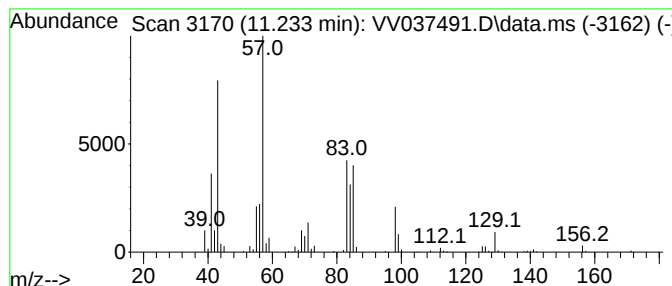
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	33.01 ug/L	1814770	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	64
2			Decane, 5-methyl-	156	C11H24	013151-35-4	53
3			Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
4			Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
5			Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

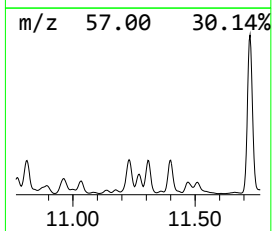
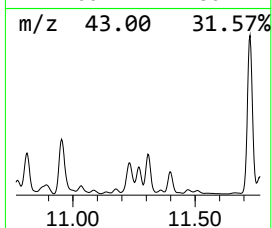
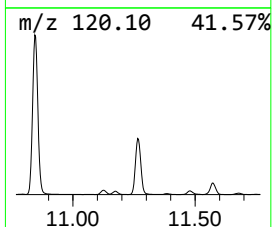
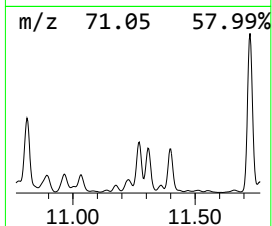
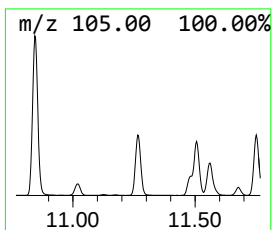
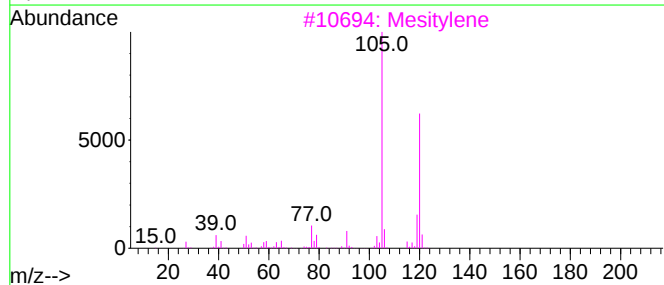
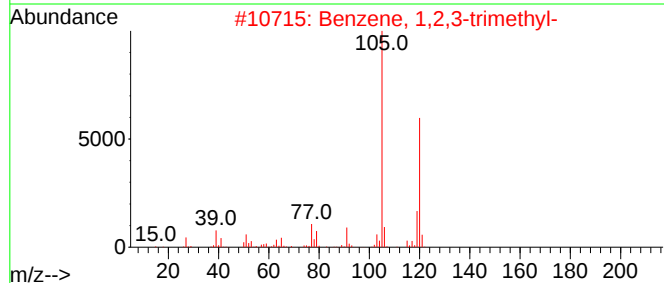
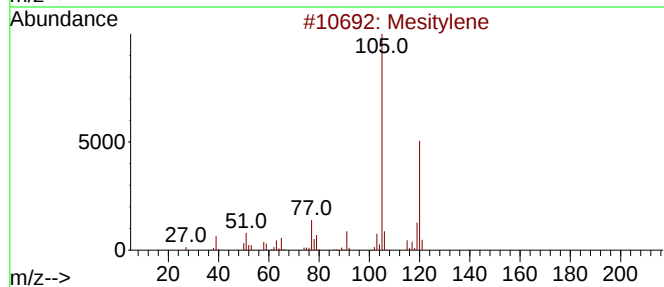
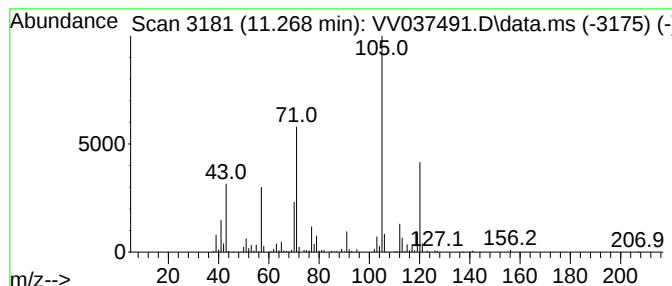
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.268	45.59 ug/L	2506660	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	90
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	89
3			Mesitylene	120	C9H12	000108-67-8	86
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	60
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

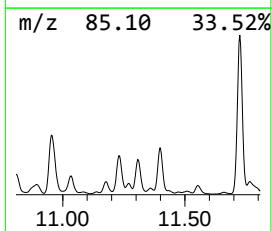
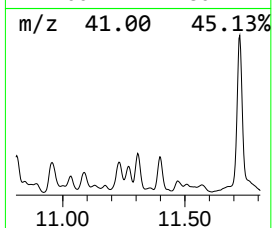
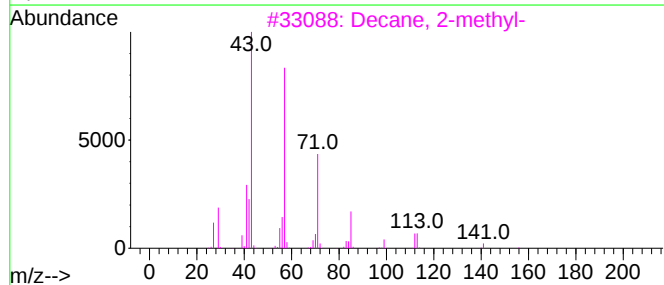
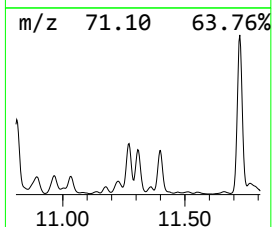
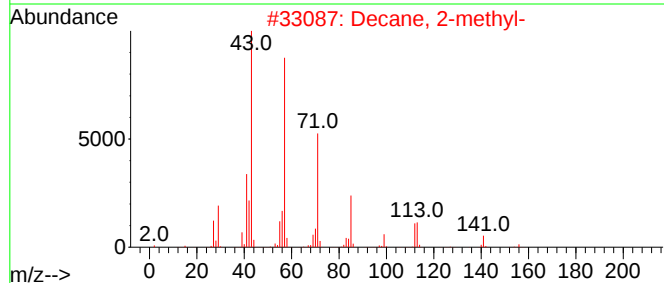
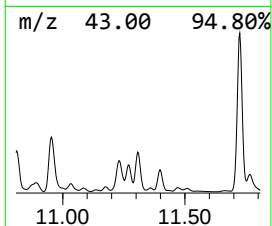
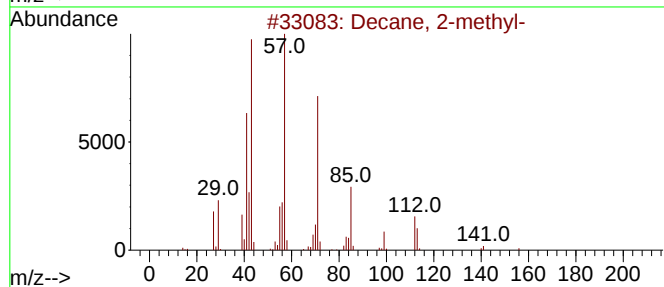
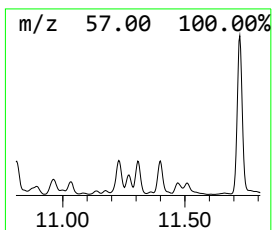
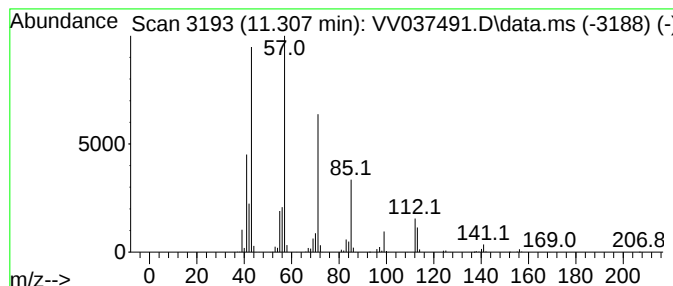
Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.307	27.61 ug/L	1517880	1,4-Dichlorobenzene-d4			11.178
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-		156	C11H24	006975-98-0	94
2	Decane, 2-methyl-		156	C11H24	006975-98-0	94
3	Decane, 2-methyl-		156	C11H24	006975-98-0	94
4	Undecane, 2-methyl-		170	C12H26	007045-71-8	72
5	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

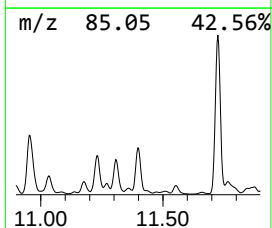
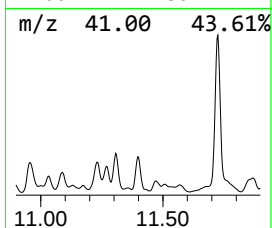
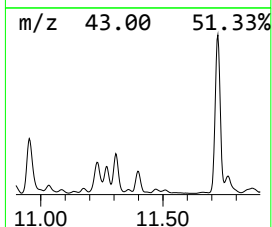
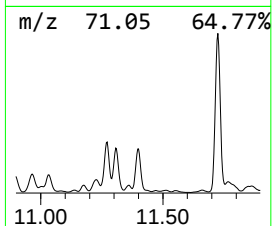
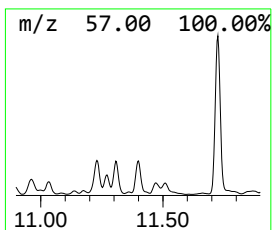
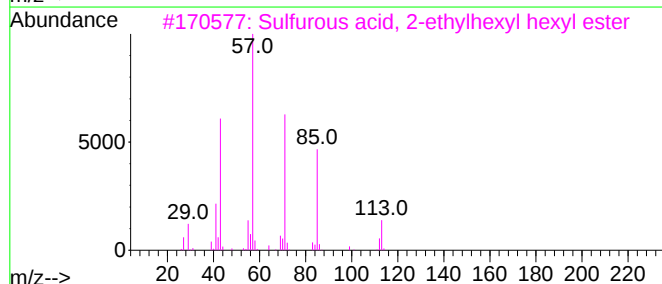
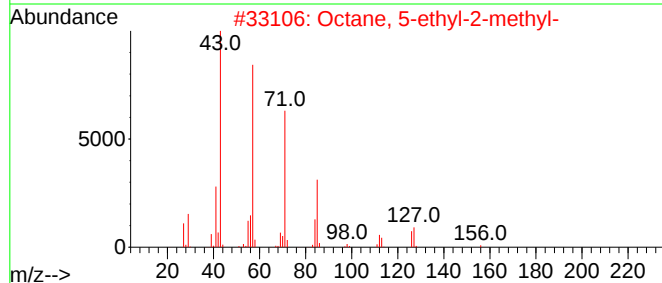
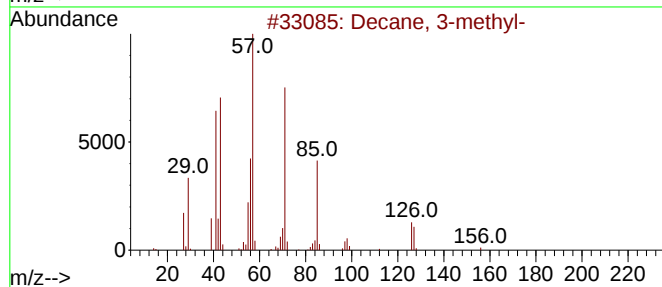
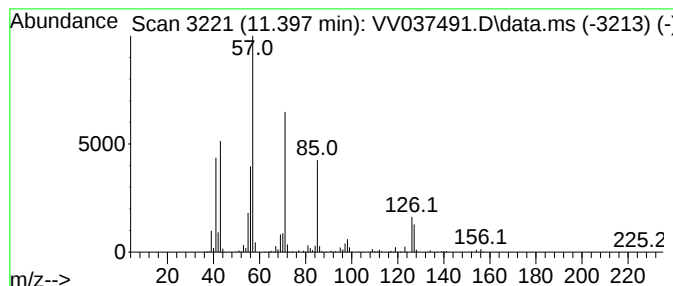
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.397	27.80 ug/L	1528770	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	93
2			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	59
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
4			2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	47
5			5-Nonanol, trimethylacetate	228	C14H28O2	1000463-48-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

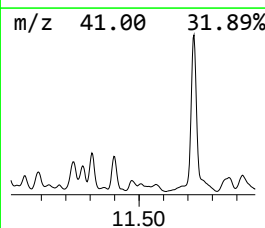
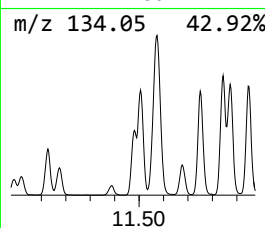
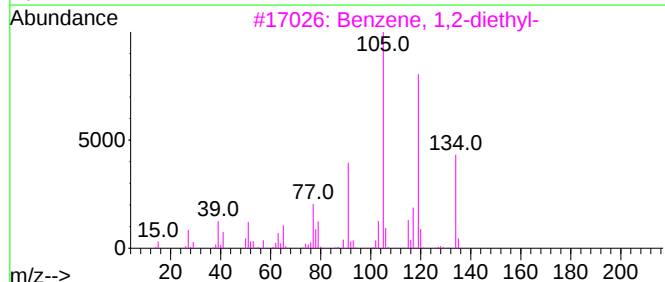
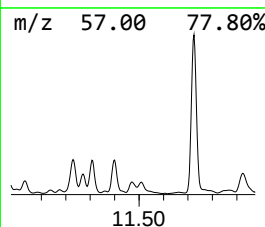
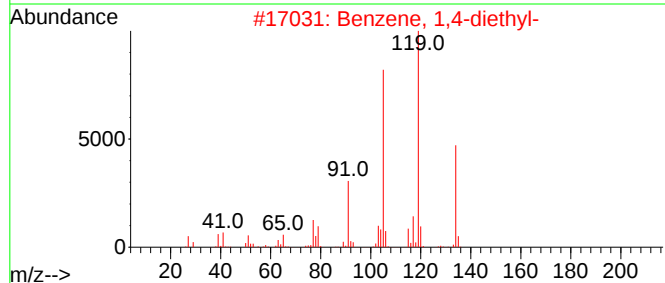
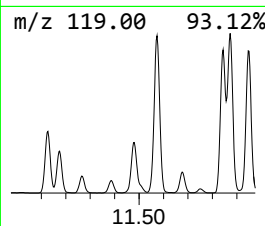
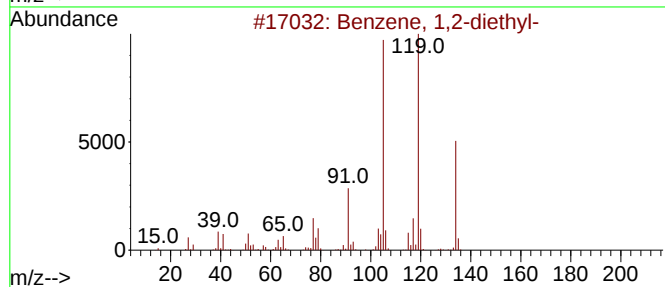
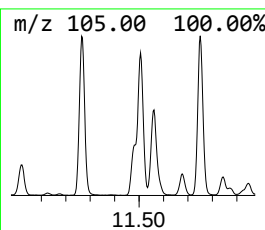
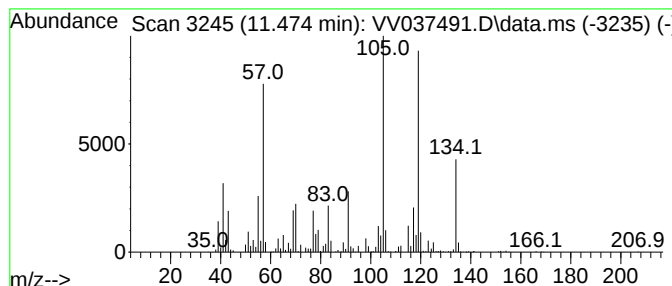
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Benzene, 1,2-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.474	23.35 ug/L	1284050	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	89
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

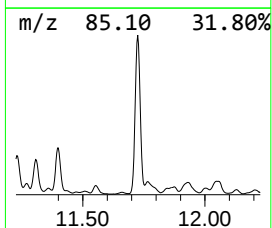
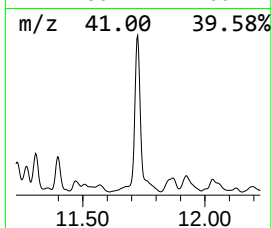
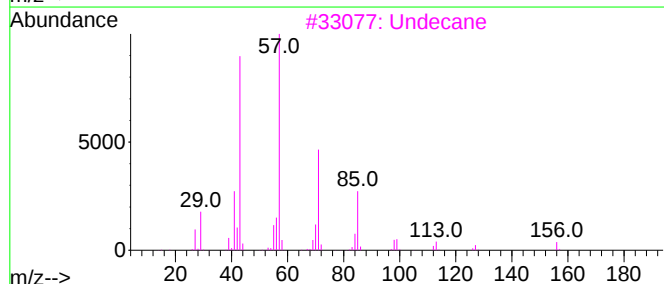
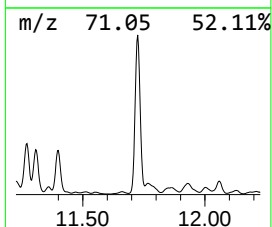
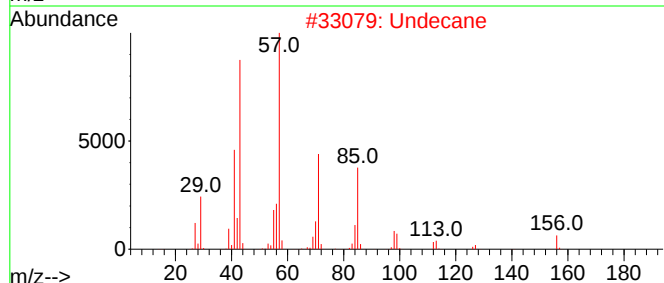
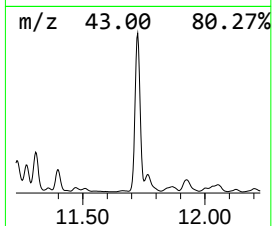
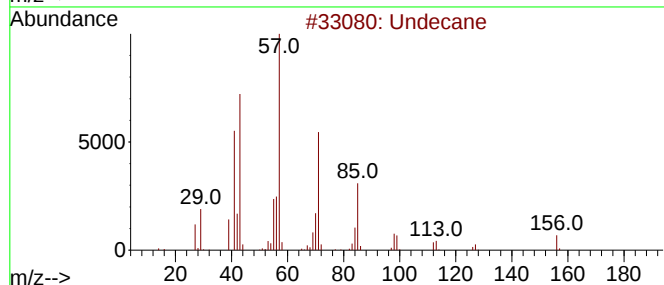
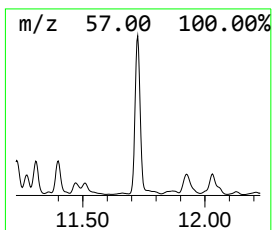
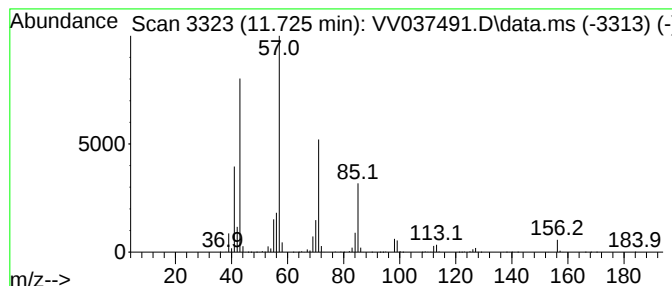
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.725	177.47 ug/L	9757670	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	96
2	Undecane			156	C11H24	001120-21-4	93
3	Undecane			156	C11H24	001120-21-4	91
4	Undecane			156	C11H24	001120-21-4	90
5	Hexadecane			226	C16H34	000544-76-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

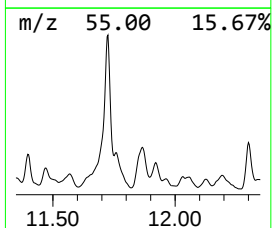
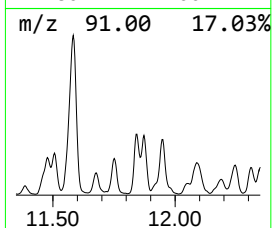
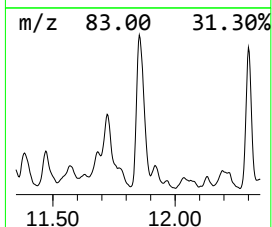
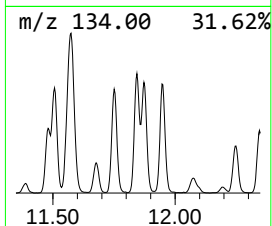
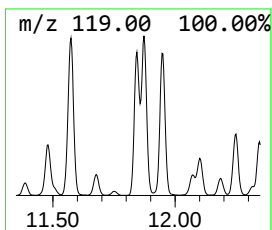
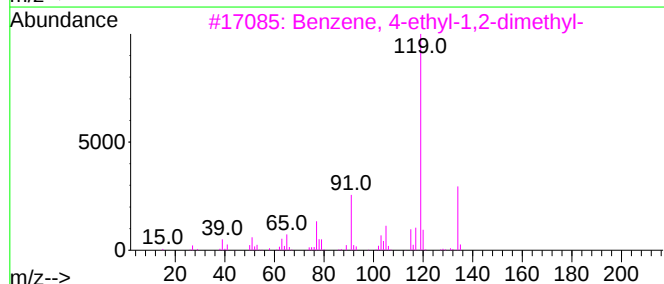
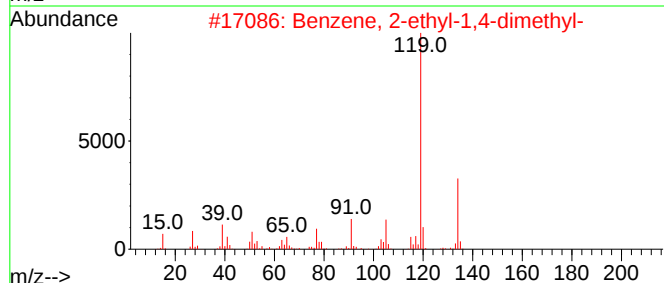
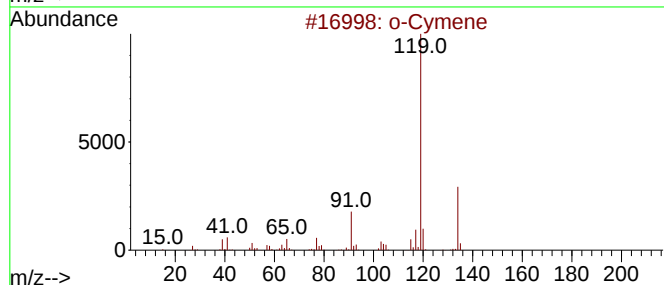
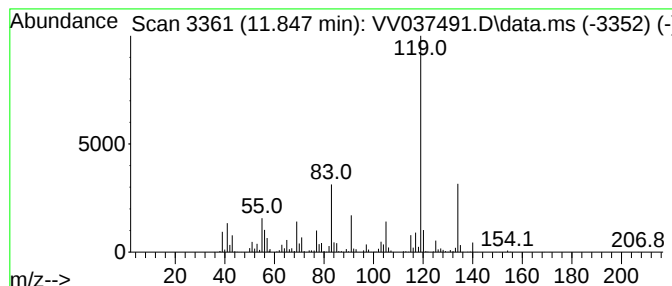
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.847	26.22 ug/L	1441760	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

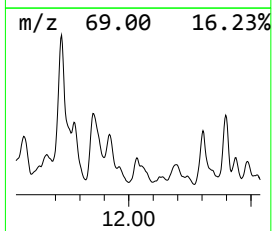
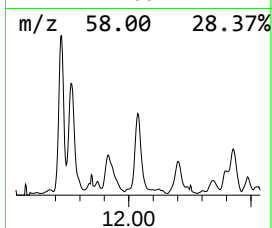
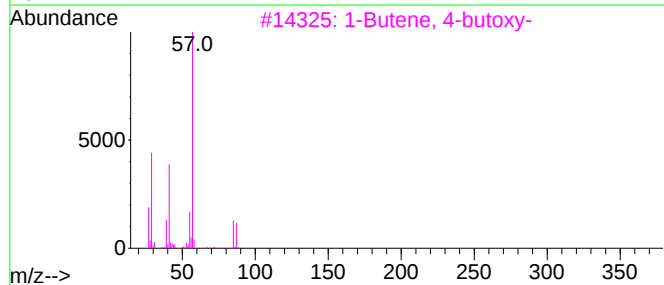
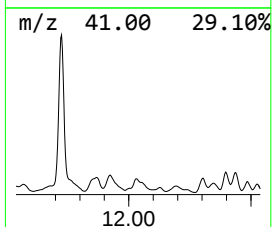
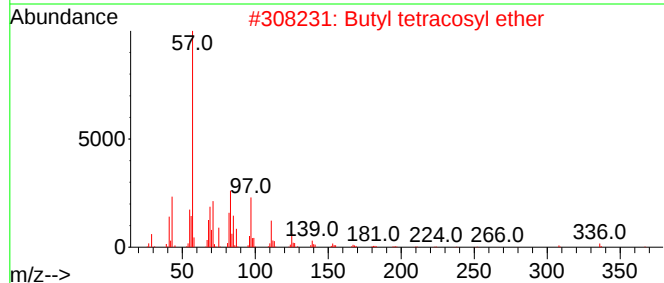
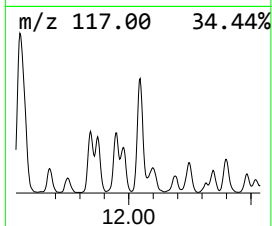
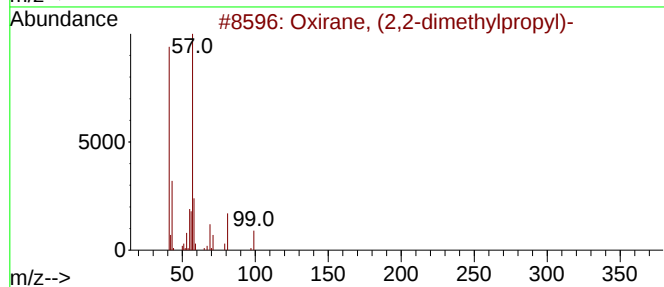
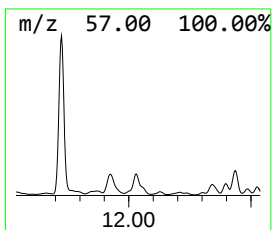
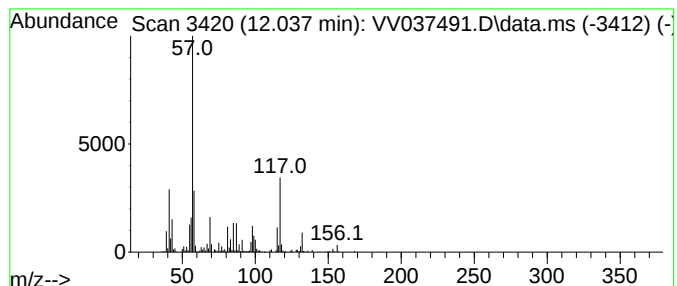
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.037	18.28 ug/L	1004870	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, (2,2-dimethylpropyl)-	114	C7H14O	002245-29-6	22
2			Butyl tetracosyl ether	410	C28H58O	1000406-40-9	22
3			1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	22
4			1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	22
5			Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

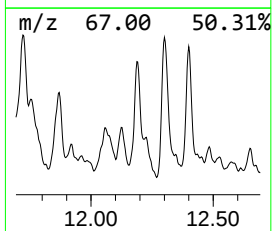
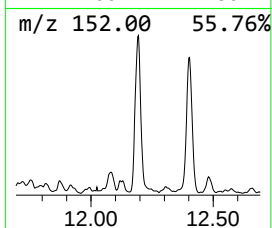
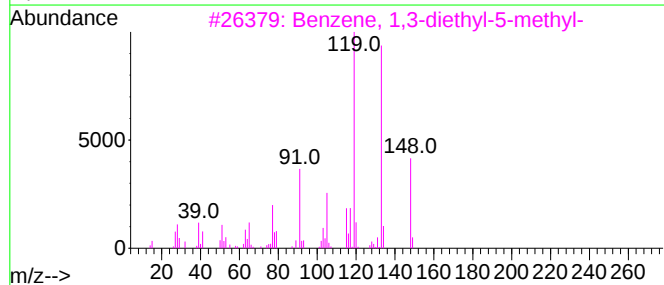
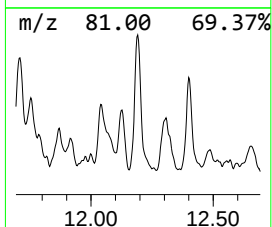
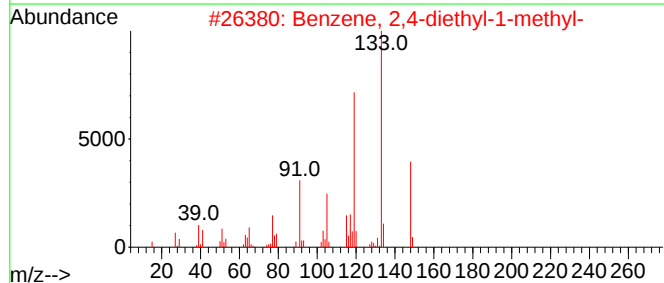
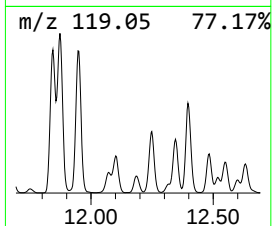
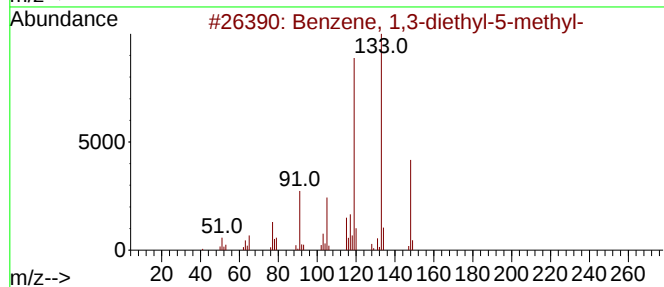
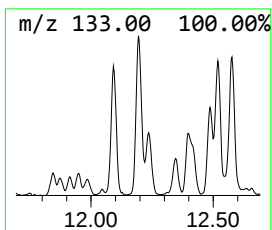
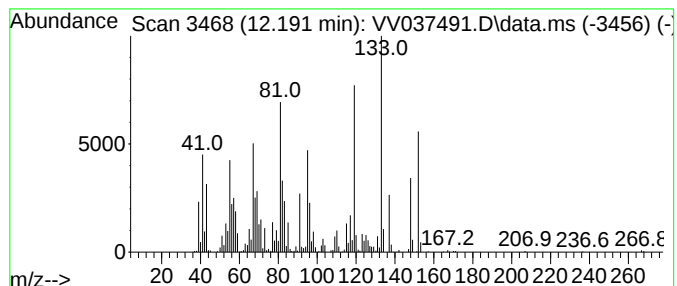
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.191	15.97 ug/L	877838	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
2			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	95
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
4			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	70
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

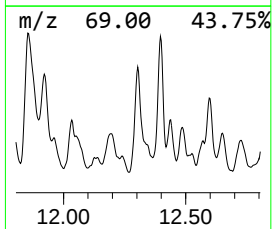
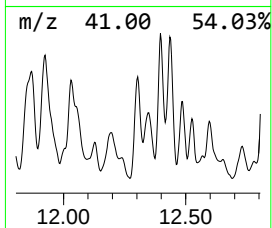
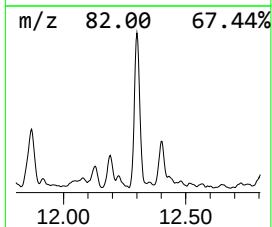
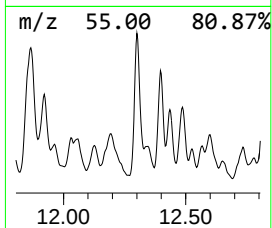
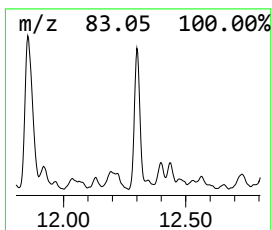
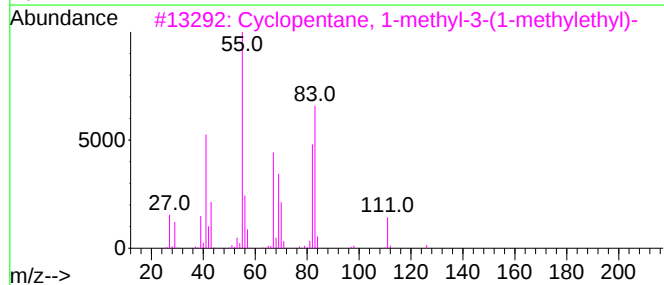
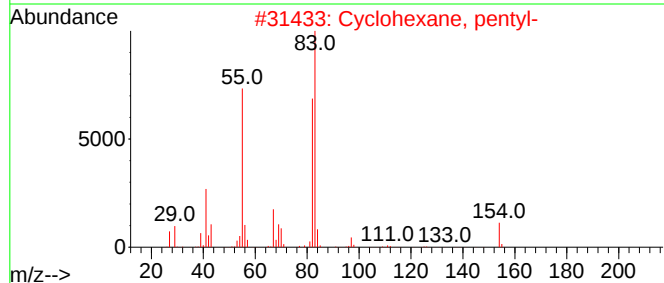
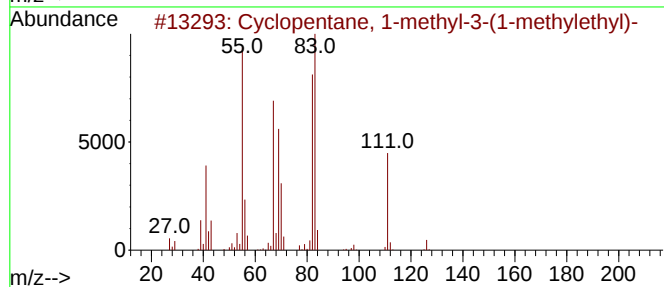
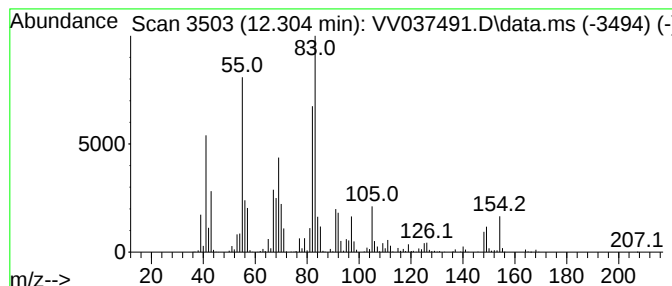
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Cyclic12.304 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	20.45 ug/L	1124510	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	60
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
3			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	53
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
5			Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

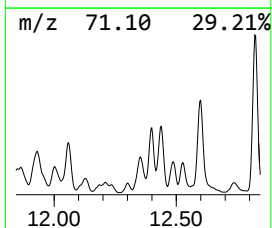
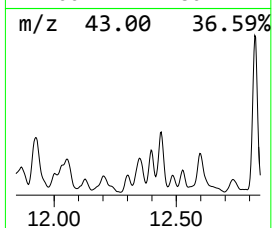
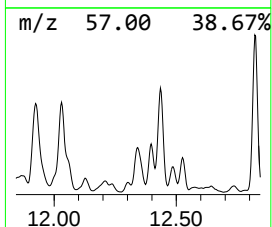
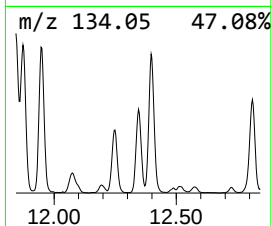
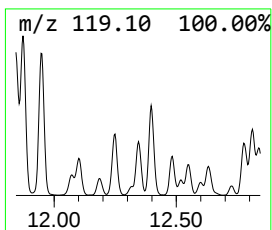
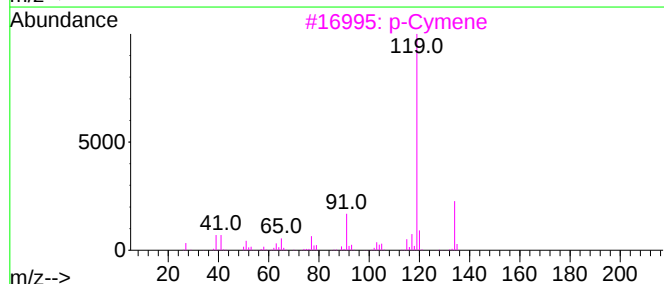
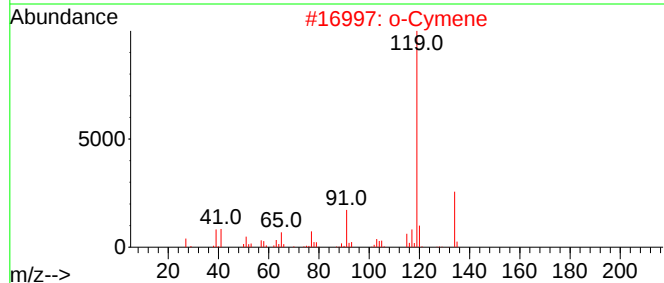
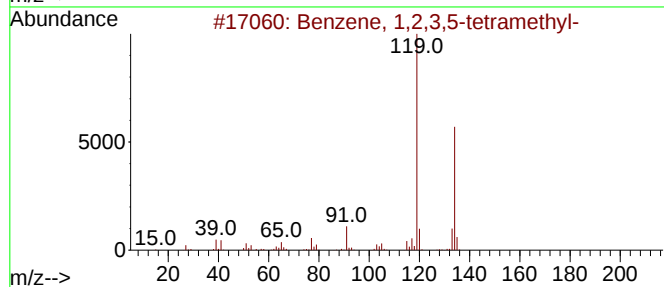
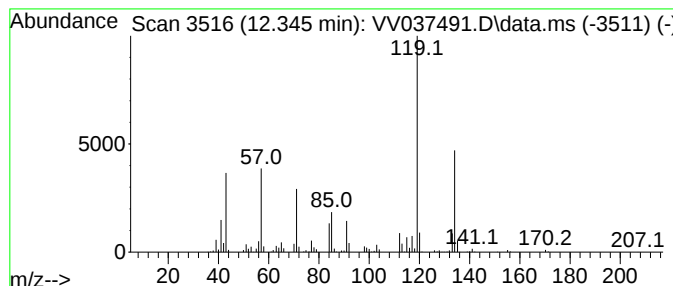
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	15.44 ug/L	849023	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
2			o-Cymene	134	C10H14	000527-84-4	76
3			p-Cymene	134	C10H14	000099-87-6	76
4			o-Cymene	134	C10H14	000527-84-4	76
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

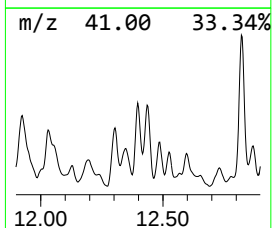
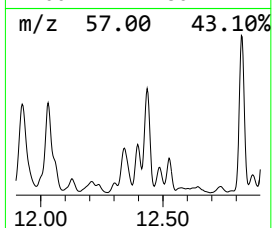
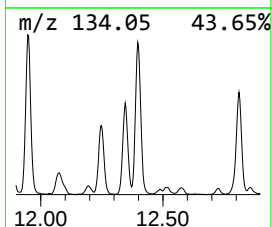
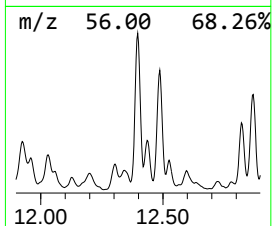
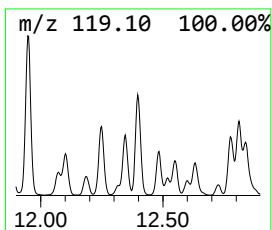
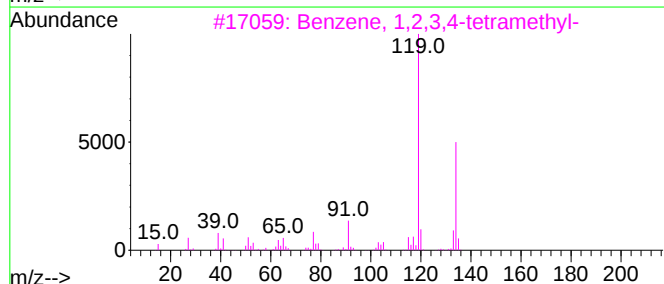
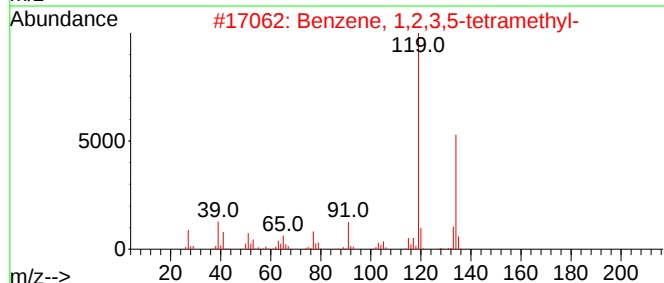
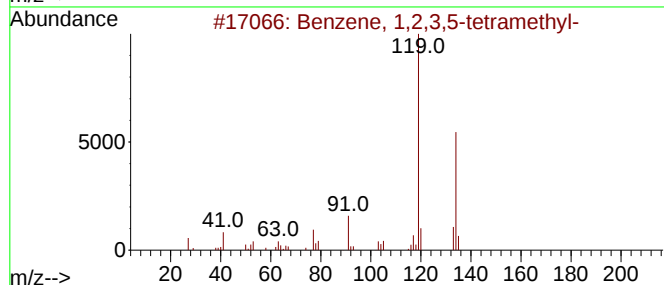
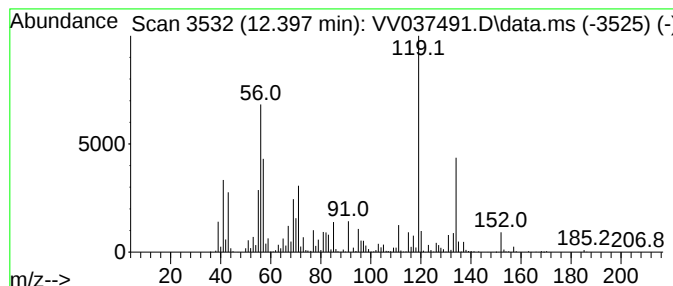
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.397	31.01 ug/L	1704940	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

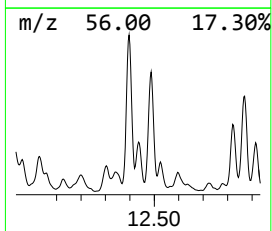
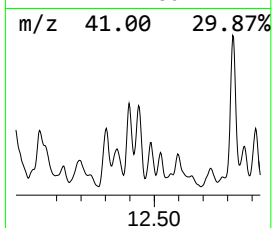
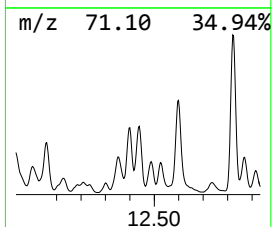
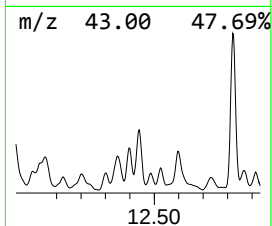
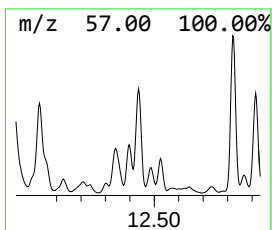
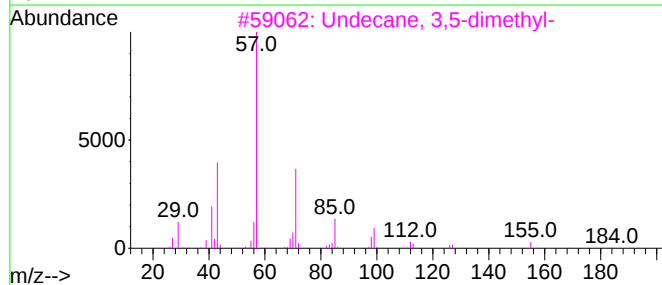
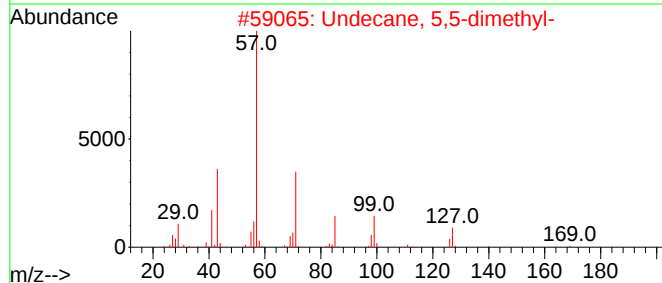
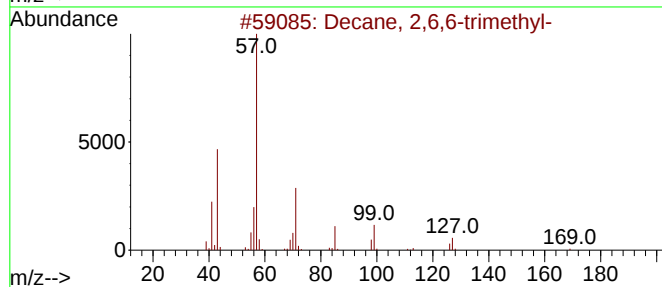
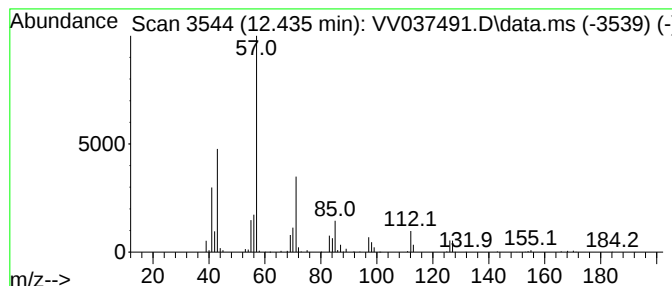
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.435	14.66 ug/L	806113	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	64
2			Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	59
3			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
4			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	58
5			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

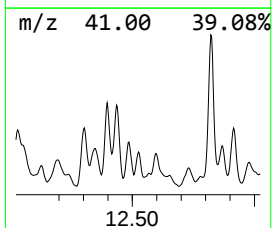
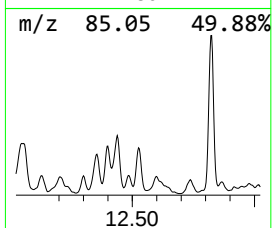
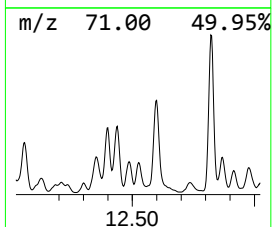
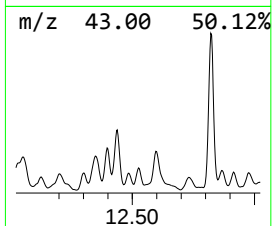
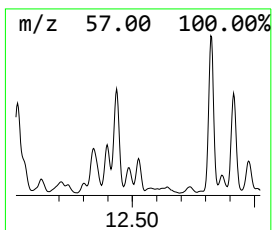
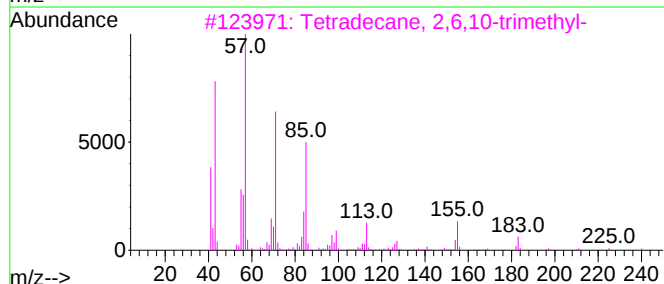
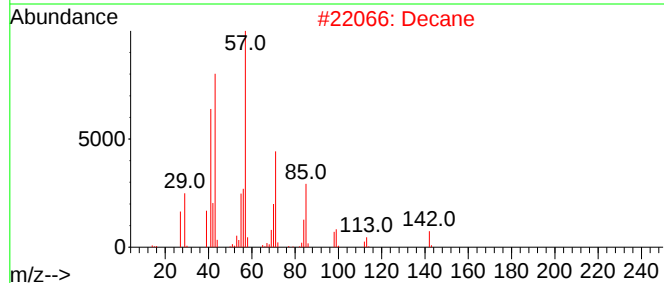
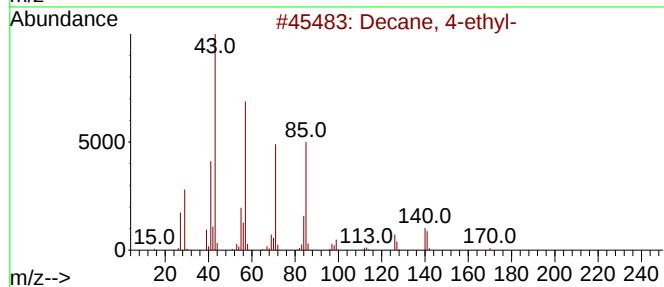
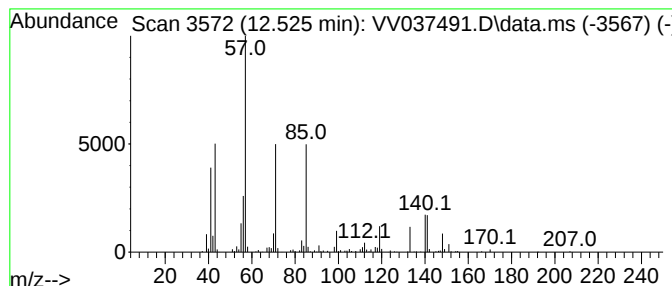
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.525	3.87 ug/L	212749	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-ethyl-	170	C12H26	001636-44-8	64
2			Decane	142	C10H22	000124-18-5	59
3			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	59
4			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

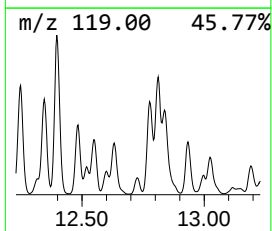
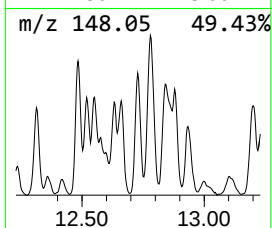
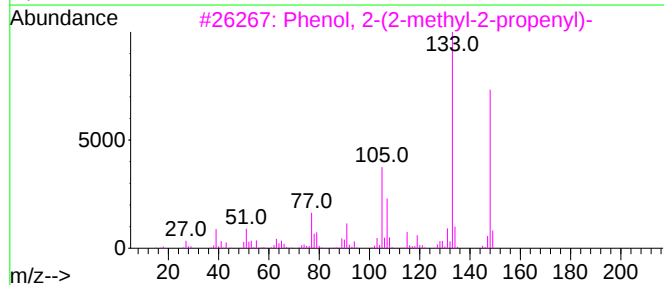
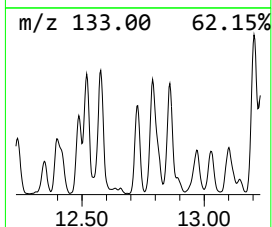
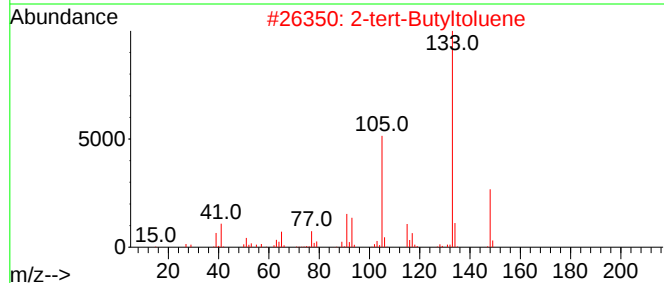
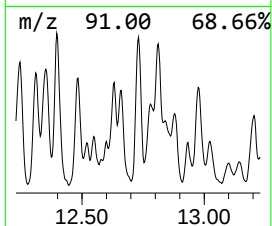
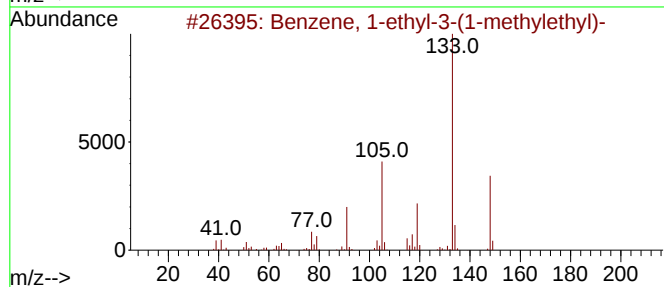
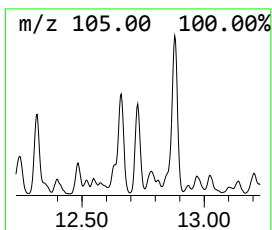
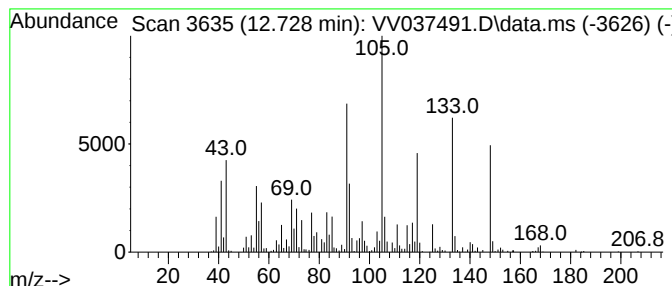
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.728	10.93 ug/L	600973	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	58
2			2-tert-Butyltoluene	148	C11H16	001074-92-6	49
3			Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	49
4			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	49
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

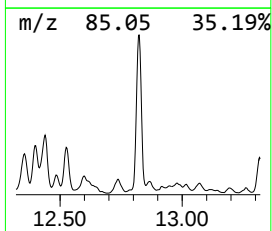
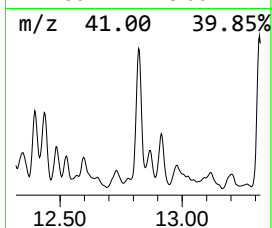
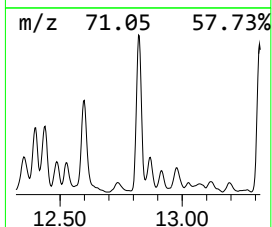
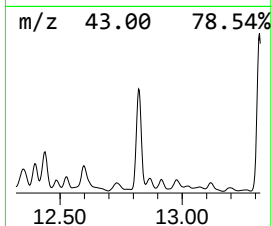
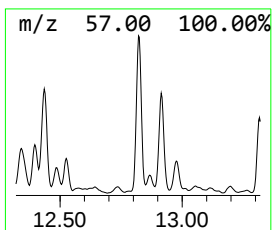
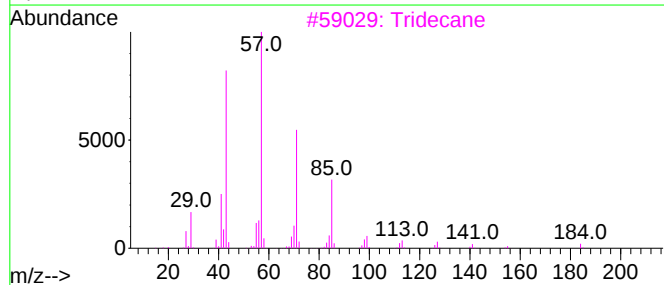
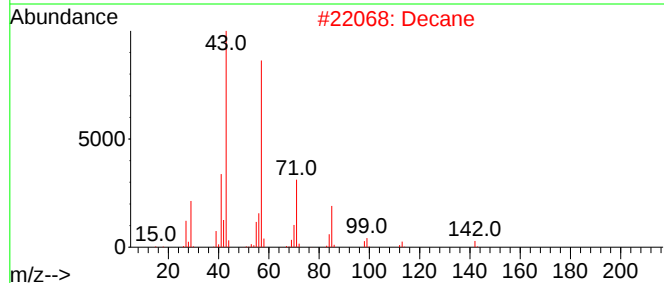
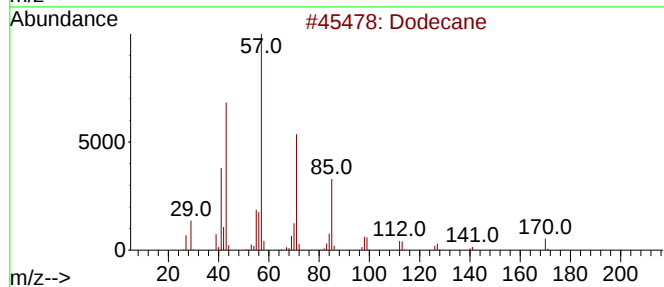
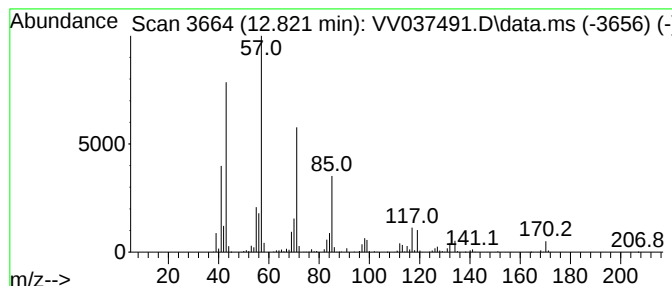
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.821	47.56 ug/L	2614910	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	95
2			Decane	142	C10H22	000124-18-5	64
3			Tridecane	184	C13H28	000629-50-5	58
4			Tetradecane	198	C14H30	000629-59-4	58
5			Dodecane	170	C12H26	000112-40-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

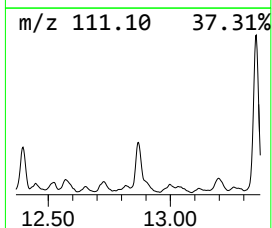
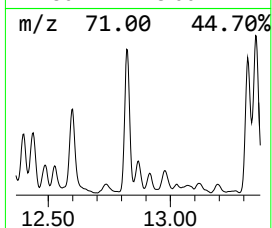
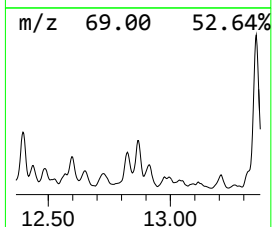
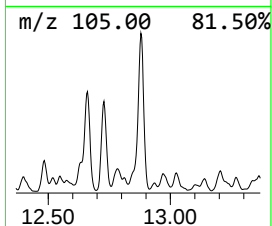
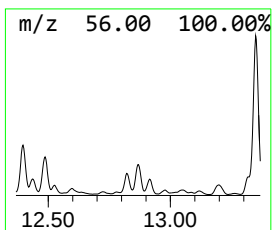
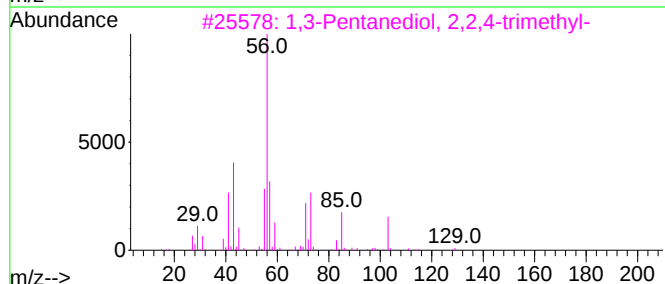
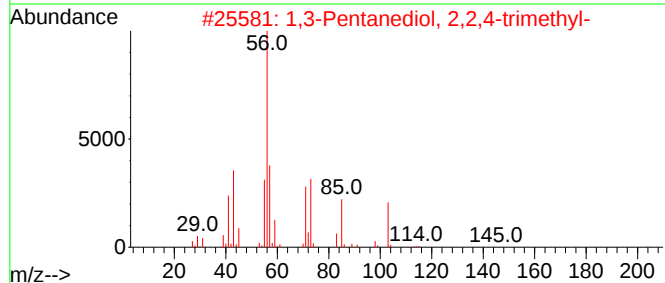
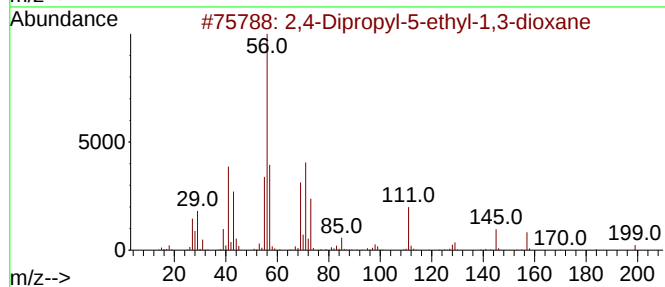
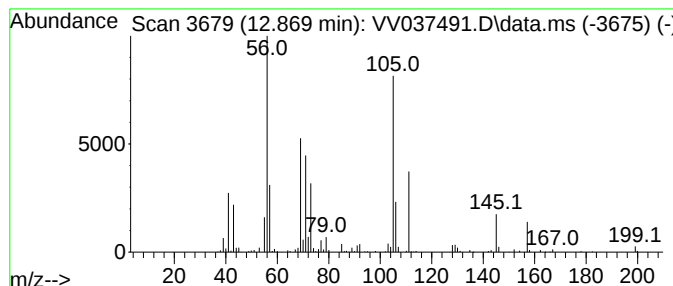
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 unknown-02 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.869	11.63 ug/L	639354	1,4-Dichlorobenzene-d4	11.178

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	42
2		1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	32
3		1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	23
4		Cyclohexylamine	99	C6H13N	000108-91-8	10
5		Cyclohexylamine	99	C6H13N	000108-91-8	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

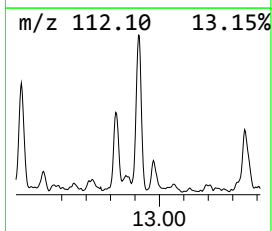
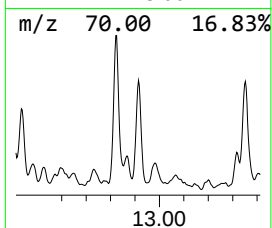
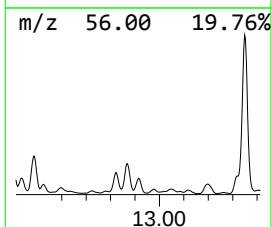
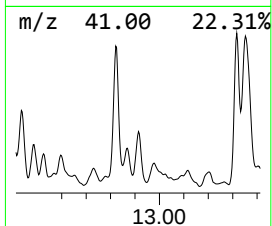
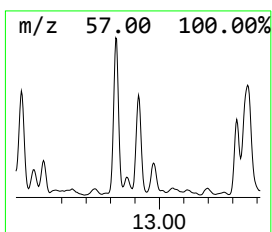
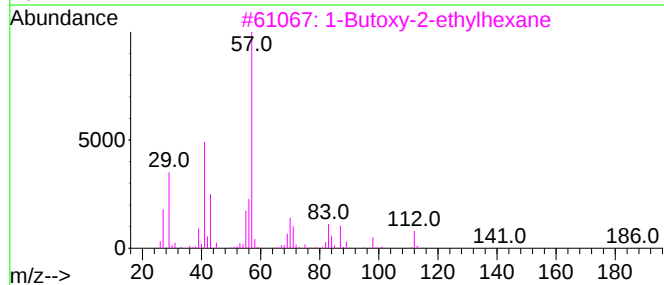
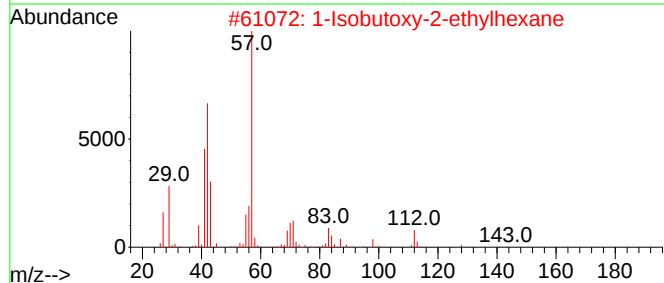
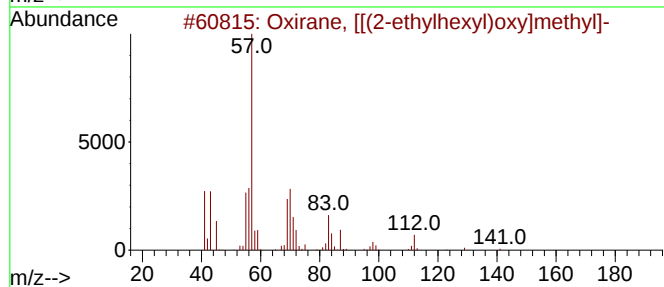
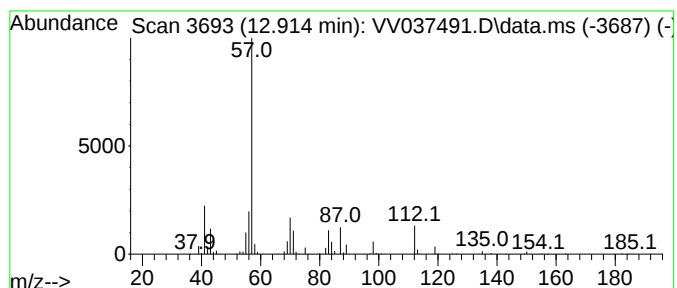
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 Oxirane, [[(2-ethylhexyl)ox... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.914	13.14 ug/L	722269	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	64
2			1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
3			1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	59
4			Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	50
5			Octane, 3-methyl-	128	C9H20	002216-33-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

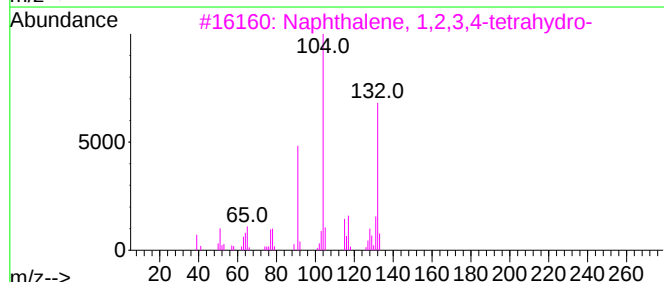
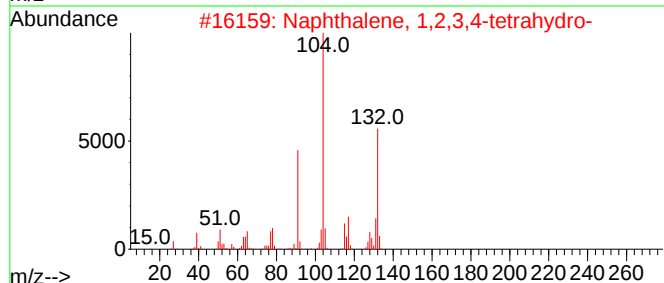
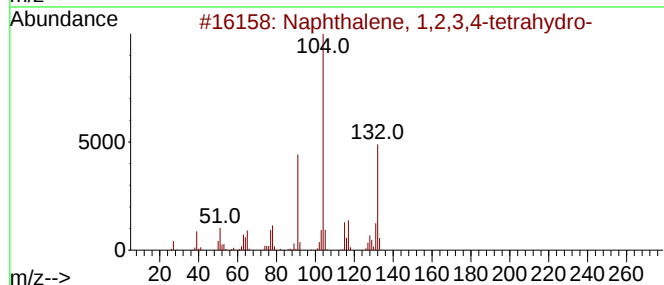
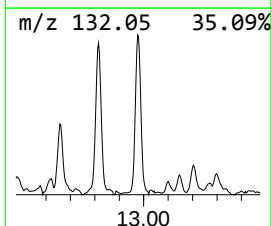
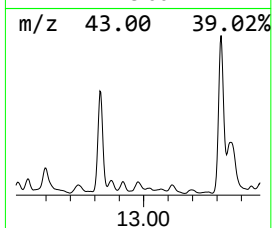
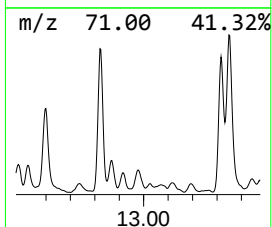
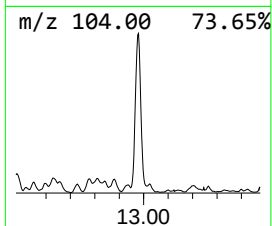
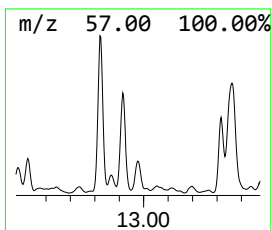
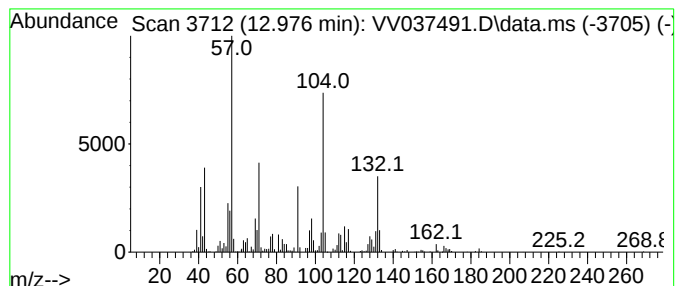
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	10.64 ug/L	584740	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

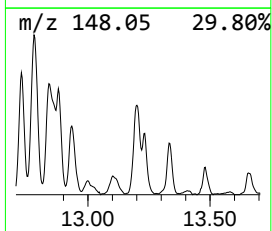
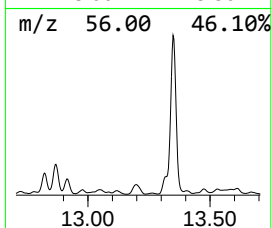
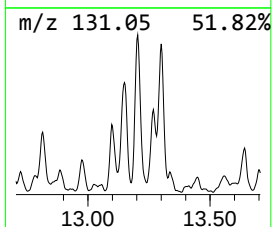
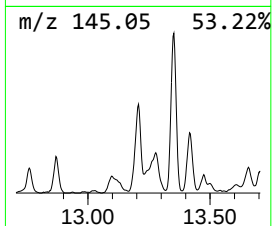
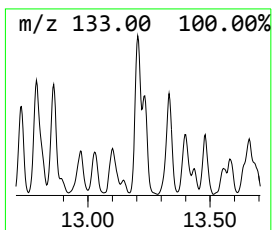
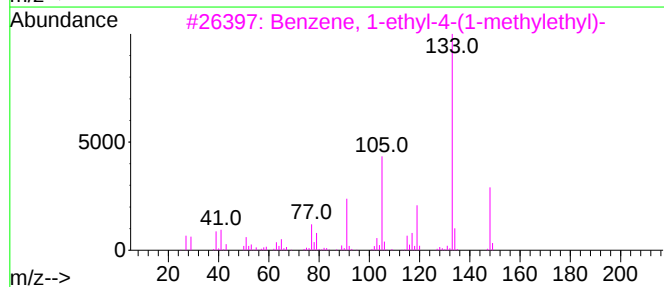
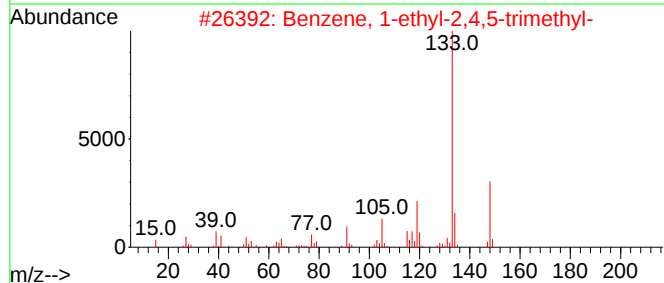
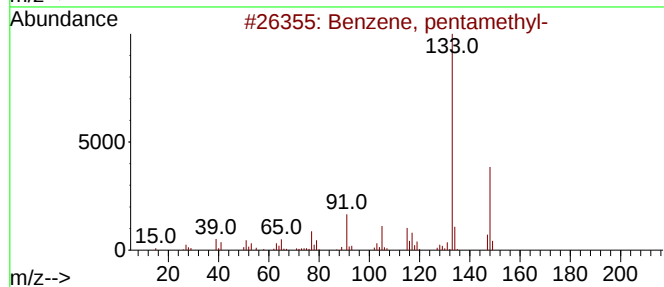
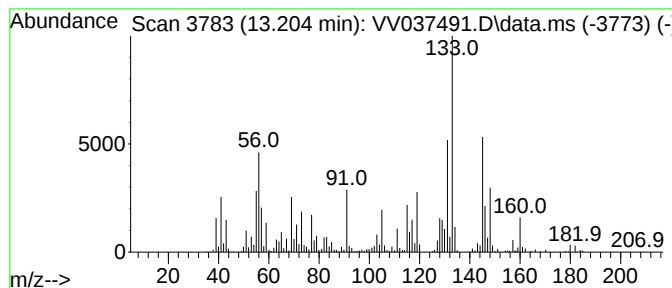
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 unknown-03 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	13.00 ug/L	714939	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	42
2			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	41
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	38
5			Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

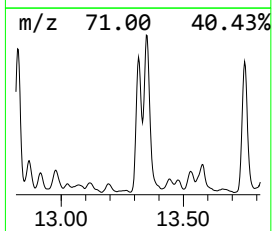
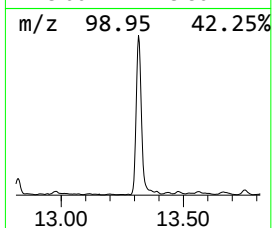
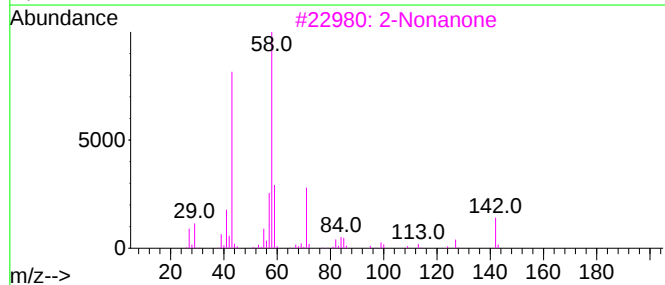
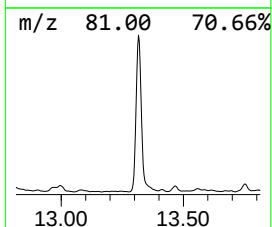
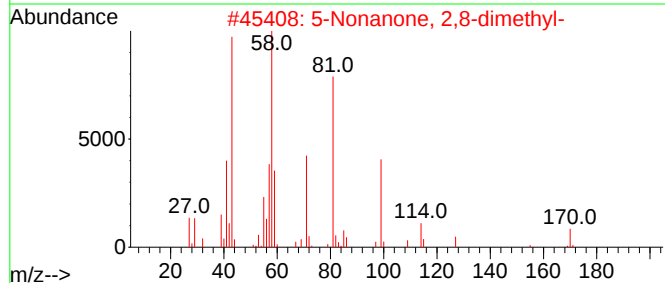
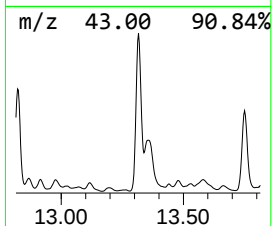
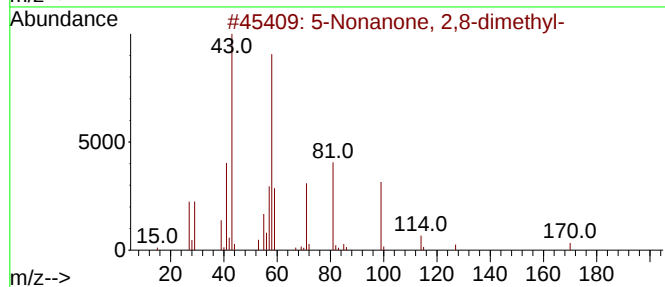
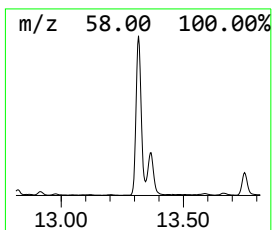
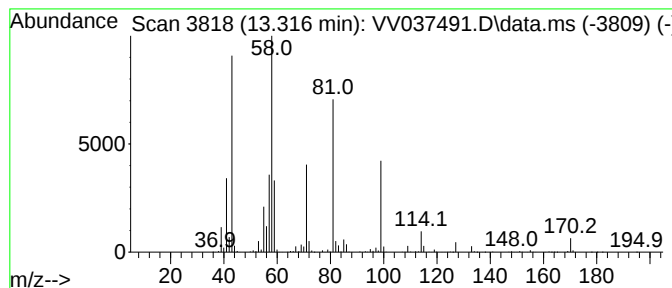
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 5-Nonanone, 2,8-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	52.22 ug/L	2871180	1,4-Dichlorobenzene-d4	11.178

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	91
2		5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	90
3		2-Nonanone	142	C9H18O	000821-55-6	53
4		2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	52
5		2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

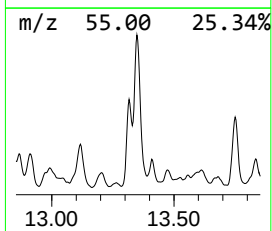
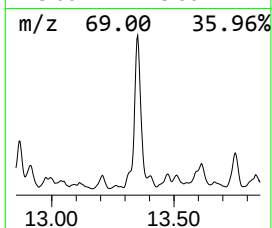
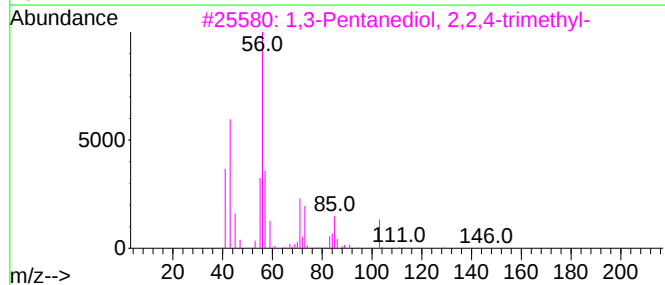
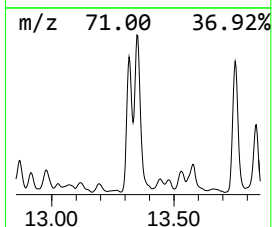
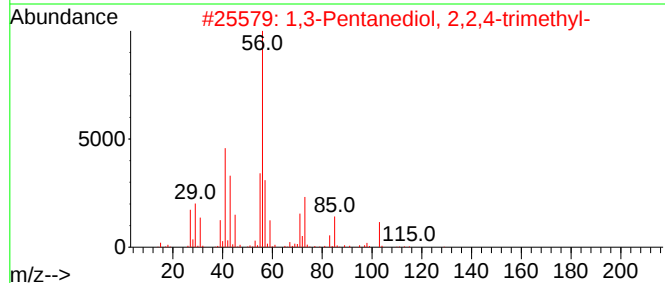
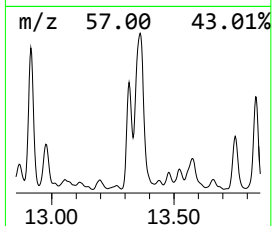
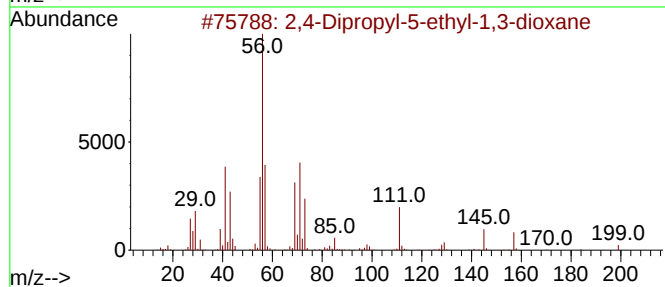
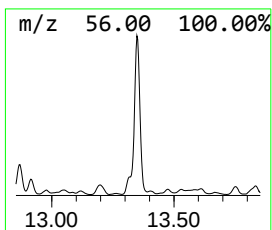
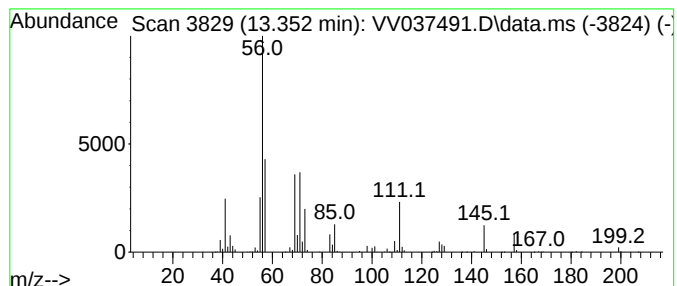
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.352	55.52 ug/L	3052450	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	86
2			1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	40
3			1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	36
4			Cyclooctanamine	127	C8H17N	005452-37-9	35
5			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

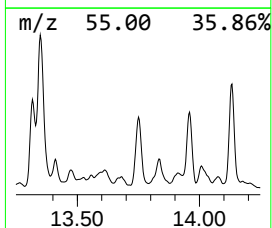
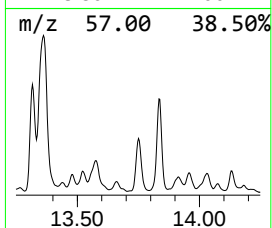
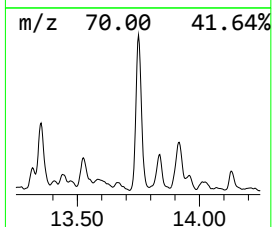
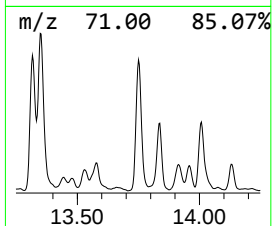
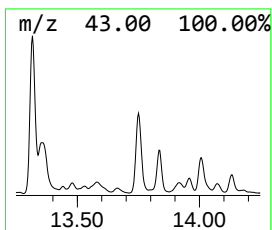
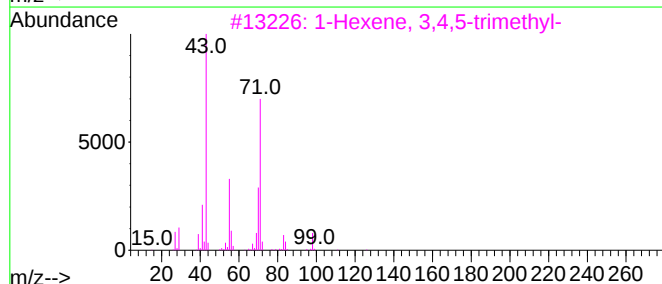
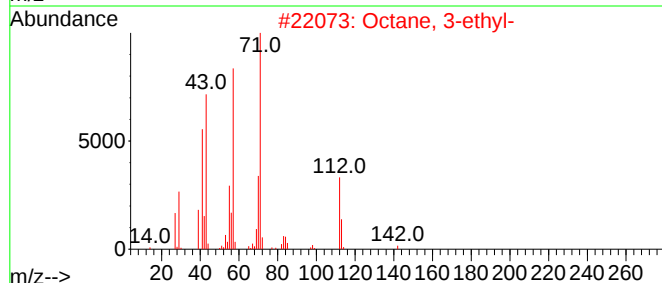
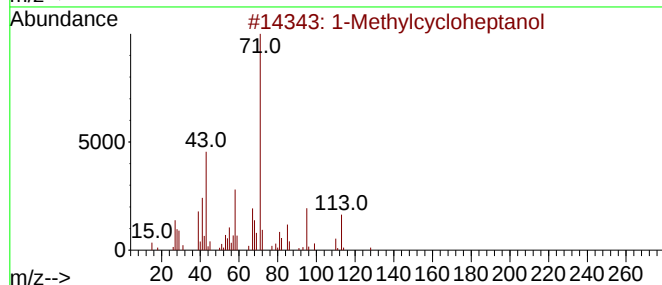
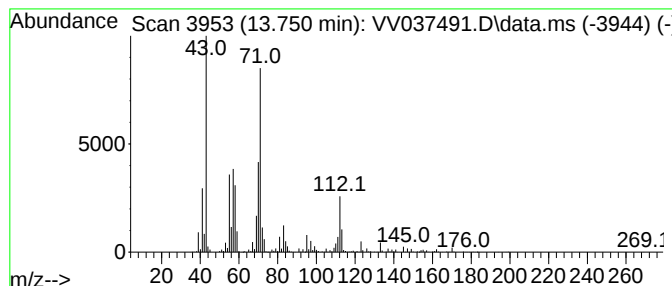
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 1-Methylcycloheptanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.750	26.08 ug/L	1434190	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methylcycloheptanol	128	C8H16O	003761-94-2	50
2			Octane, 3-ethyl-	142	C10H22	005881-17-4	50
3			1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	47
4			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	47
5			4-Methyl-3-heptanol, heptafluoro...	326	C12H17F7O2	1000365-51-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

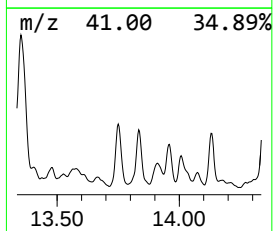
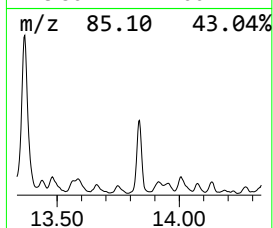
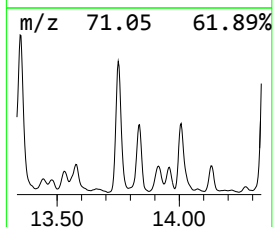
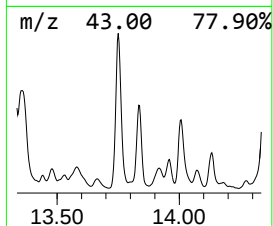
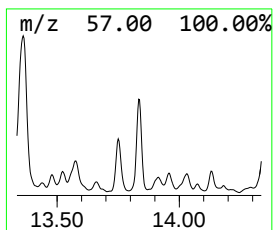
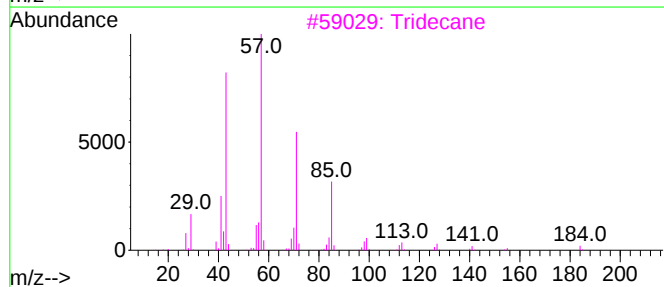
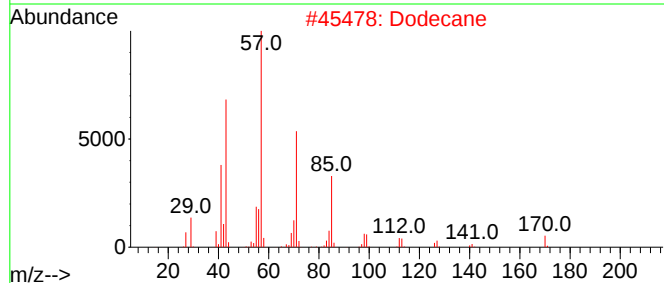
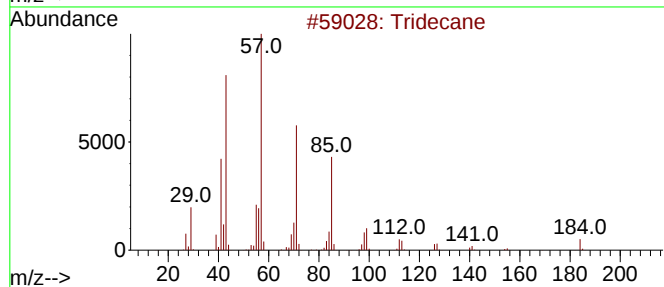
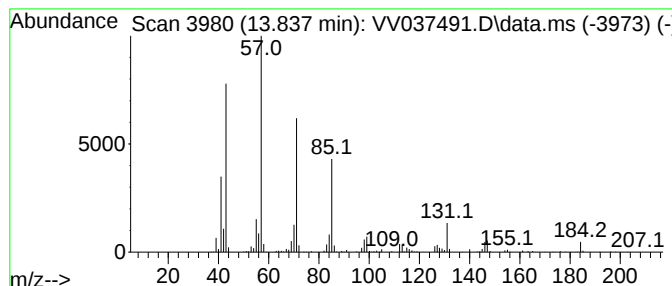
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.837	13.89 ug/L	763624	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Dodecane	170	C12H26	000112-40-3	74
3			Tridecane	184	C13H28	000629-50-5	74
4			Tridecane	184	C13H28	000629-50-5	70
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

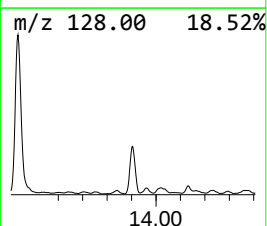
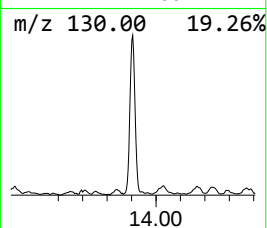
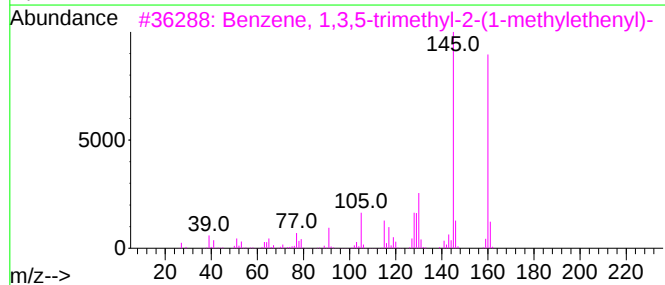
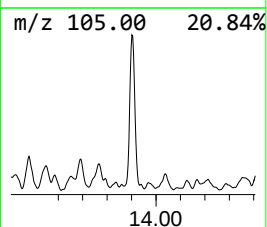
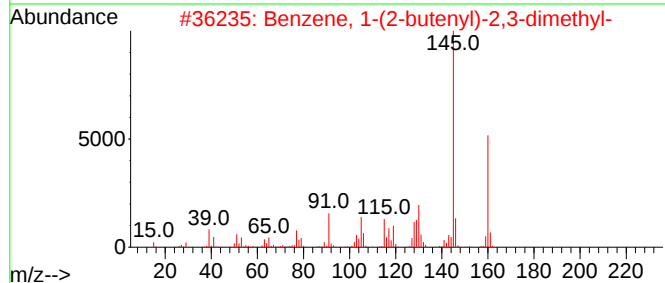
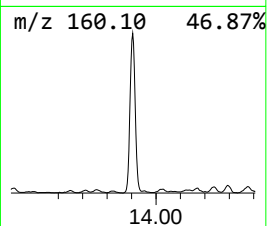
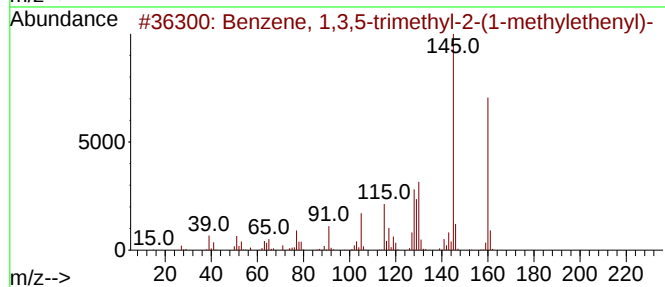
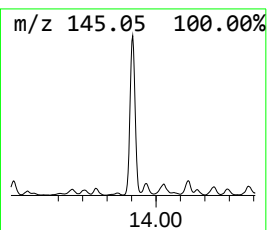
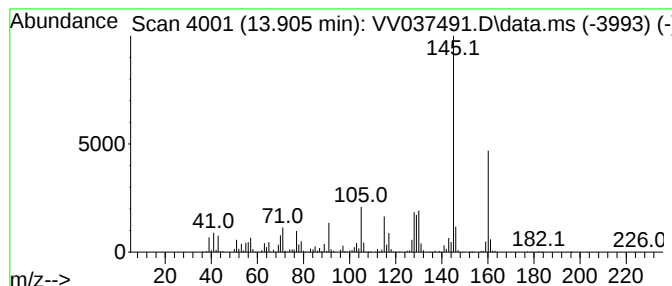
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.905	22.36 ug/L	1229220	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	96
2			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	95
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	94
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

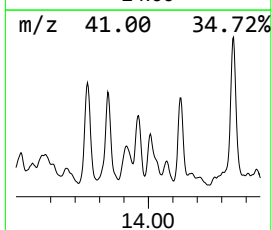
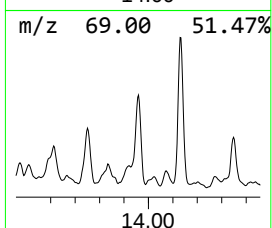
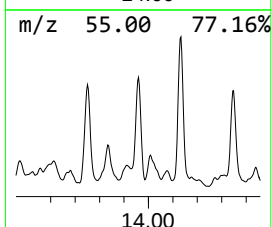
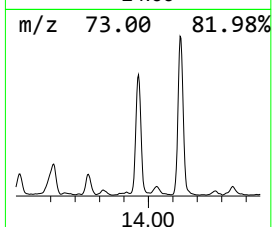
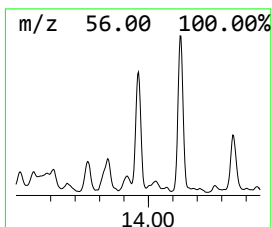
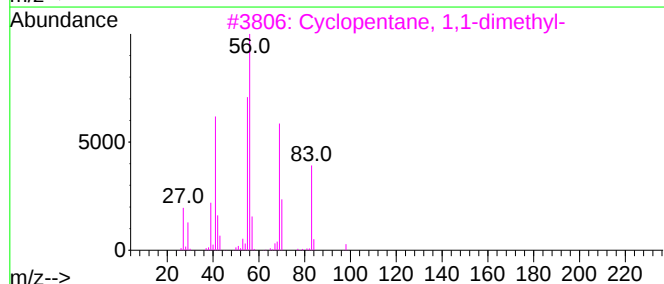
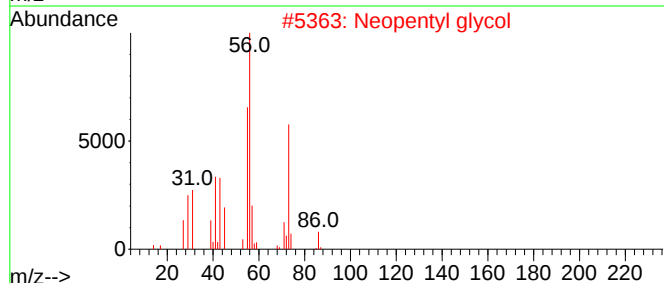
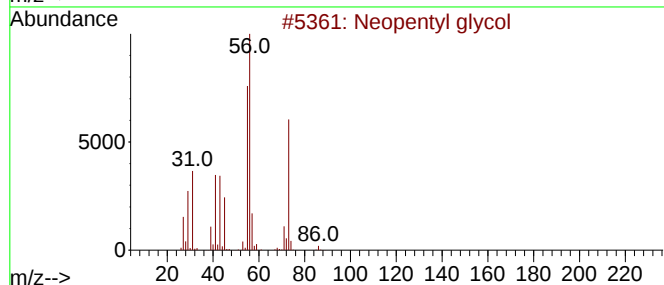
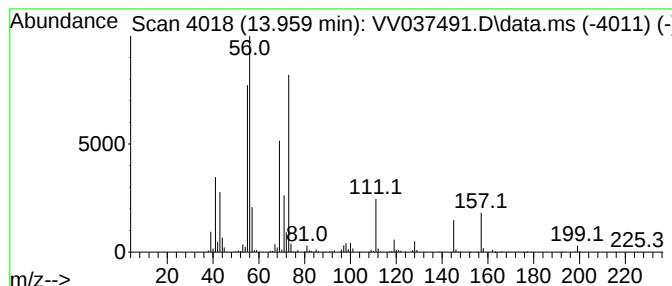
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 unknown-04 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.959	12.44 ug/L	684103	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Neopentyl glycol	104	C5H12O2	000126-30-7	42
2			Neopentyl glycol	104	C5H12O2	000126-30-7	42
3			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	32
4			Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	25
5			3-Buten-1-ol, 2-methyl-	86	C5H10O	004516-90-9	23



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

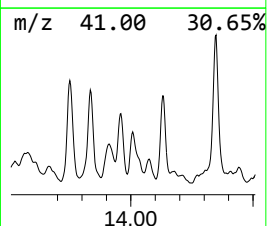
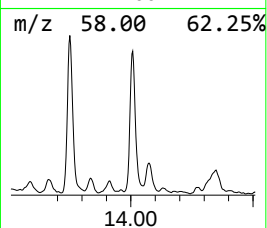
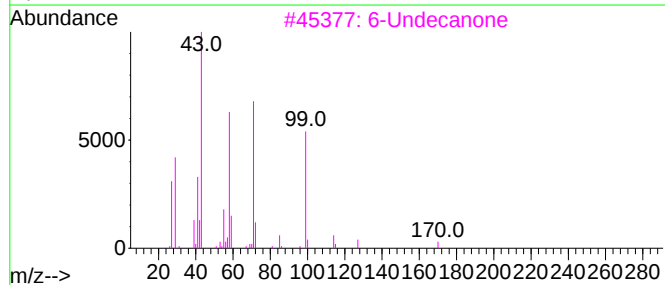
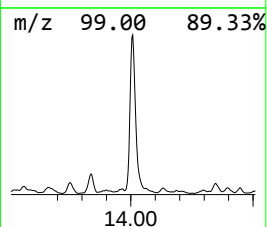
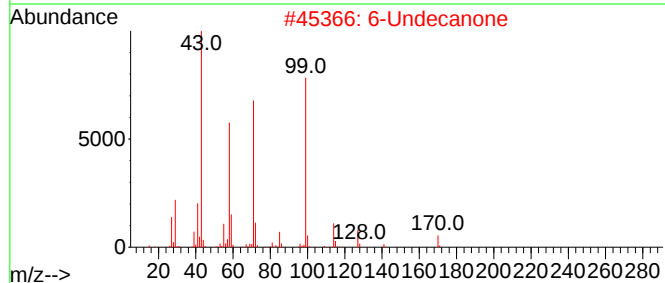
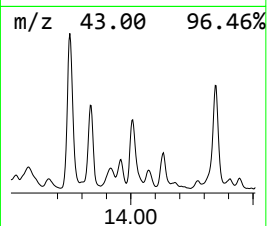
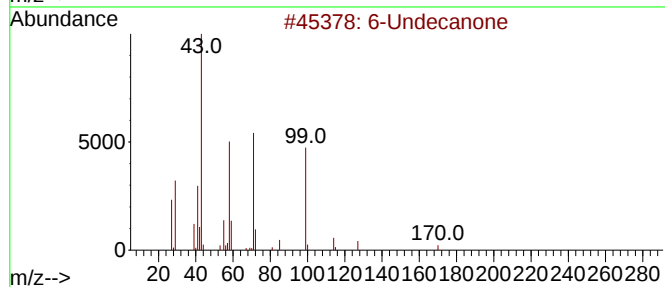
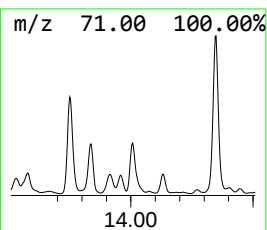
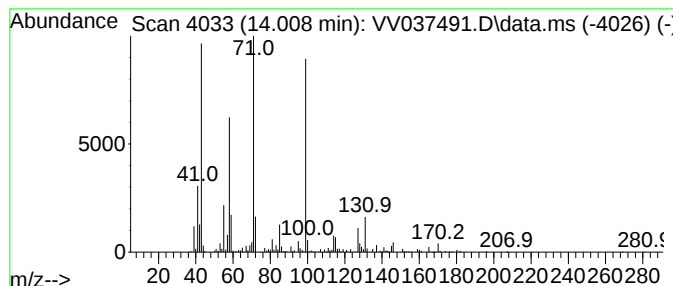
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 6-Undecanone Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.008	15.62 ug/L	858785	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Undecanone	170	C11H22O	000927-49-1	86
2			6-Undecanone	170	C11H22O	000927-49-1	59
3			6-Undecanone	170	C11H22O	000927-49-1	53
4			Silane, ethenyldiethylmethyl-	128	C7H16Si	018292-29-0	53
5			3-Octanone, 2-methyl-	142	C9H18O	000923-28-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

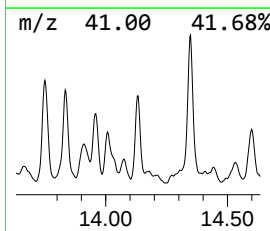
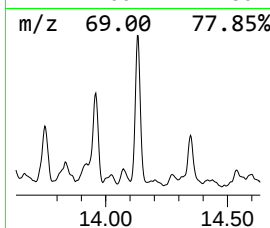
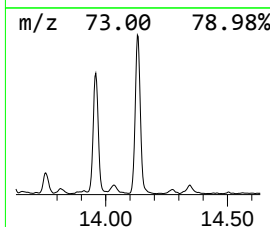
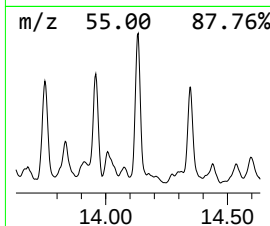
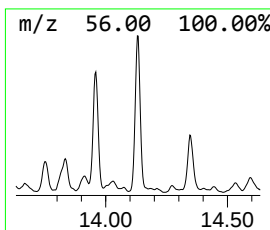
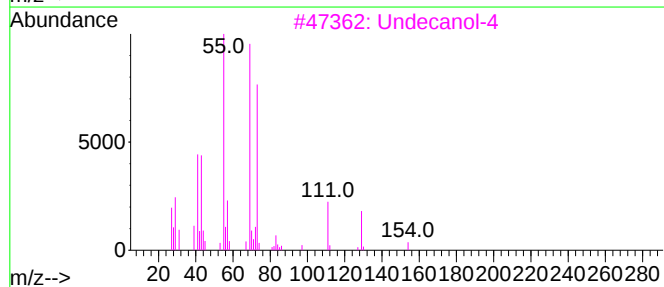
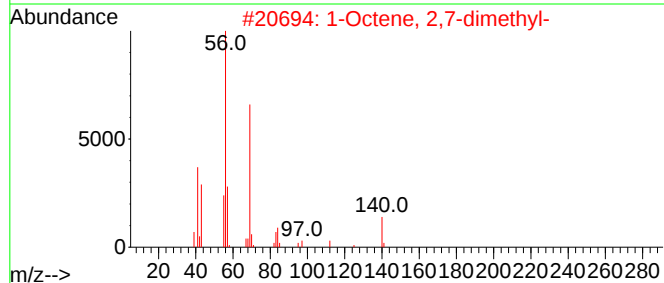
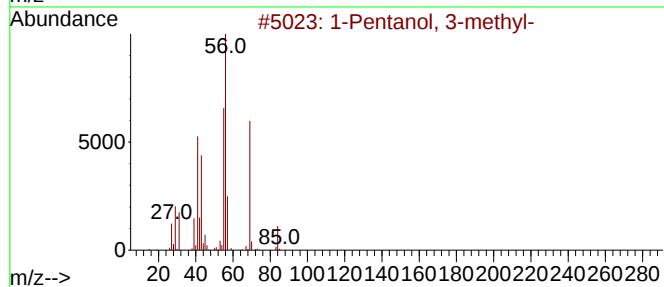
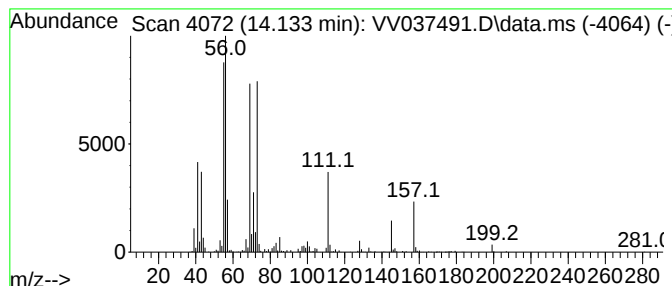
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 unknown-05 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.133	16.31 ug/L	896564	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentanol, 3-methyl-	102	C6H14O	000589-35-5	47
2			1-Octene, 2,7-dimethyl-	140	C10H20	033718-03-5	43
3			Undecanol-4	172	C11H24O	004272-06-4	38
4			Neopentyl glycol	104	C5H12O2	000126-30-7	38
5			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

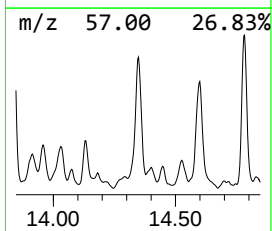
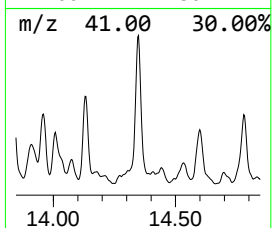
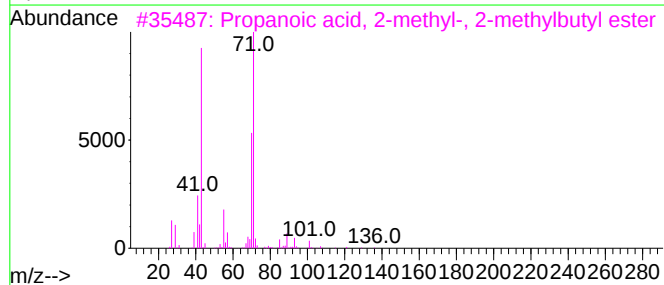
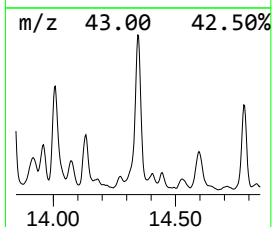
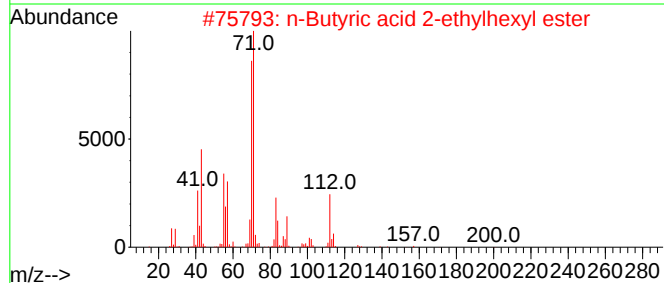
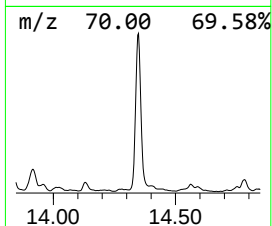
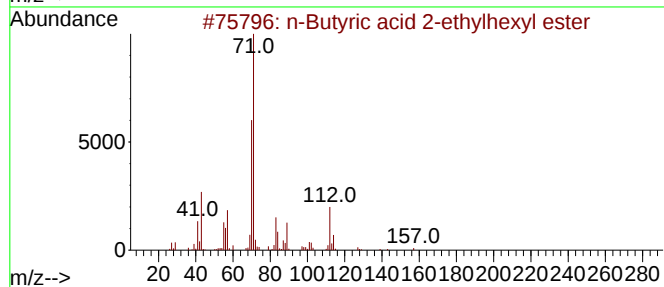
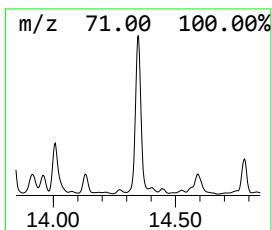
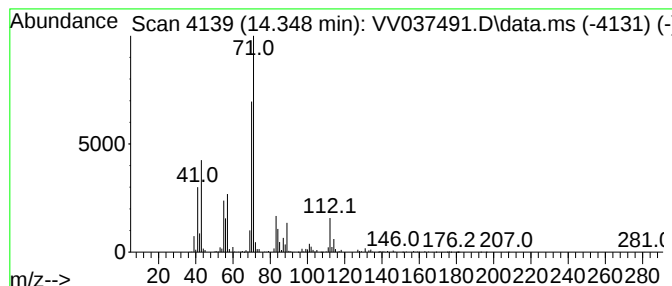
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 n-Butyric acid 2-ethylhexyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.348	27.92 ug/L	1534850	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	90
2			n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	68
3			Propanoic acid, 2-methyl-, 2-met...	158	C9H18O2	002445-69-4	64
4			Isobutyl isopentyl carbonate	188	C10H20O3	1000372-76-3	59
5			Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

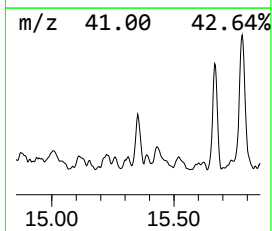
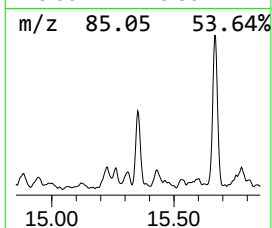
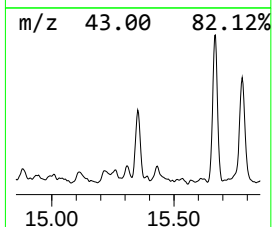
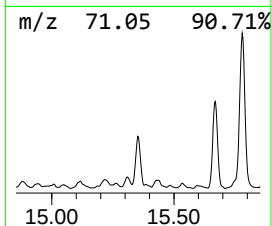
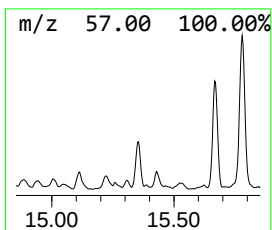
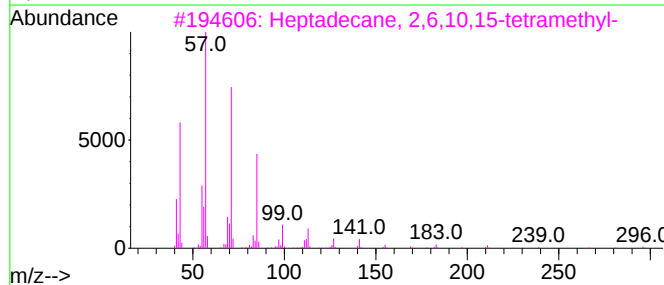
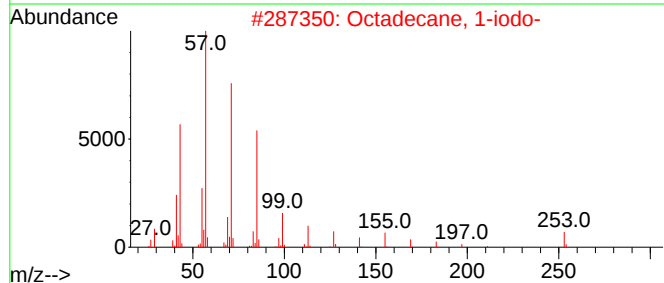
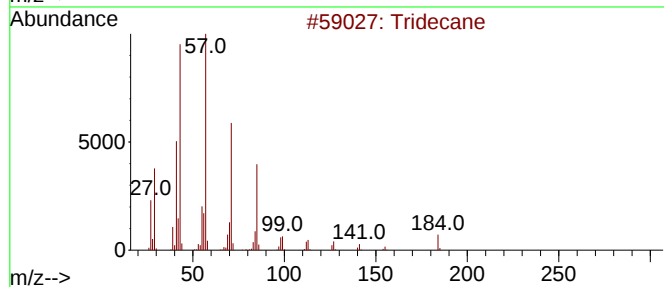
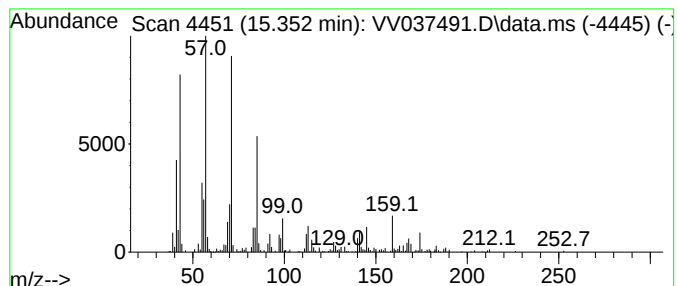
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.352	4.08 ug/L	224407	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	81
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4			Hexadecane	226	C16H34	000544-76-3	64
5			Decane, 5-propyl-	184	C13H28	017312-62-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

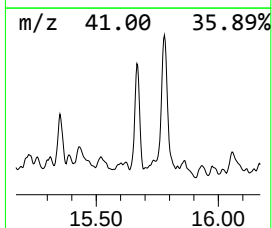
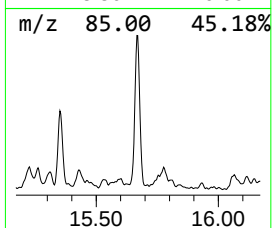
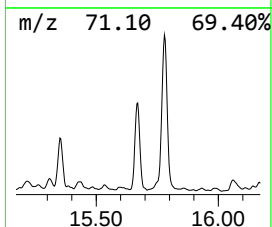
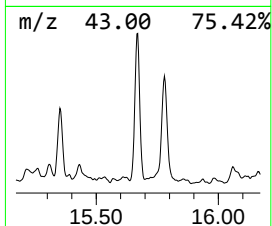
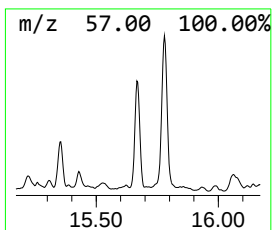
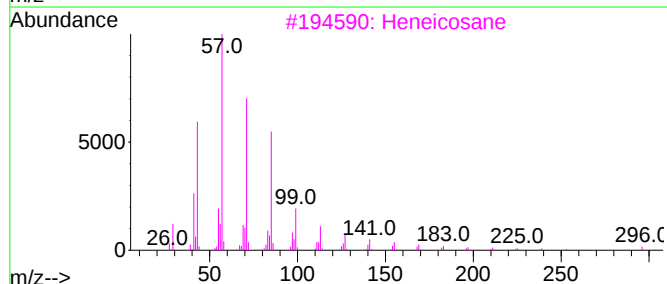
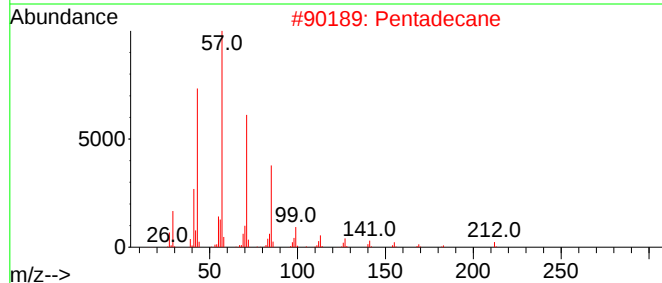
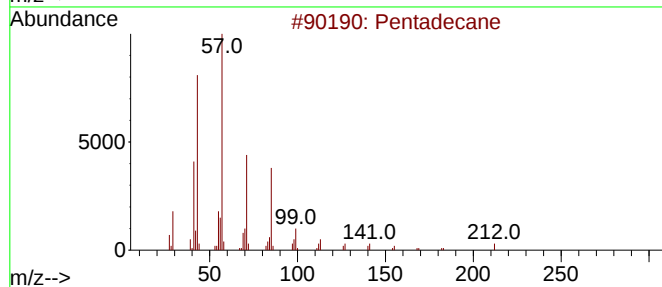
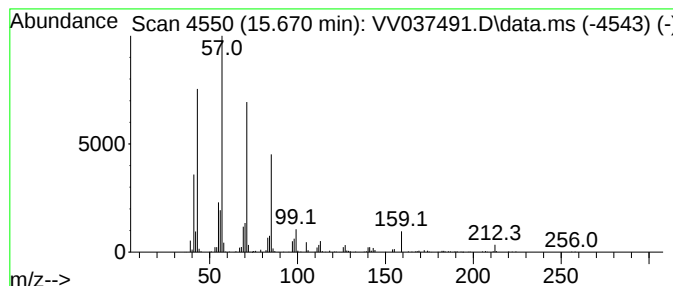
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.670	6.74 ug/L	370500	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Pentadecane	212	C15H32	000629-62-9	91
3			Heneicosane	296	C21H44	000629-94-7	87
4			Hexadecane	226	C16H34	000544-76-3	87
5			Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

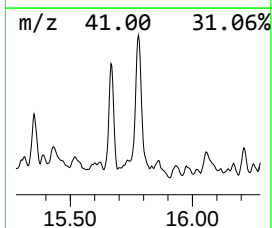
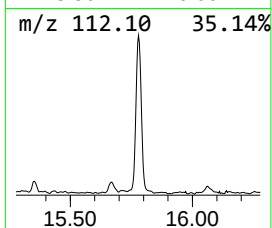
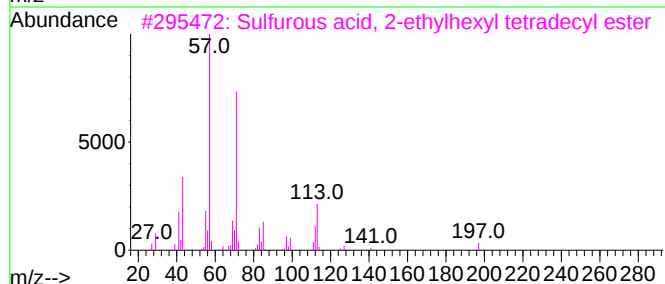
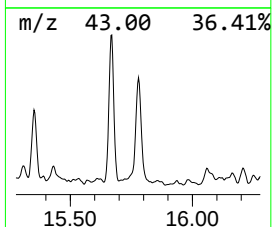
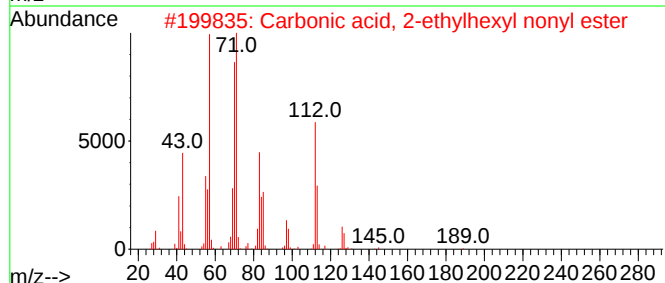
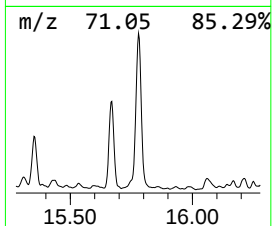
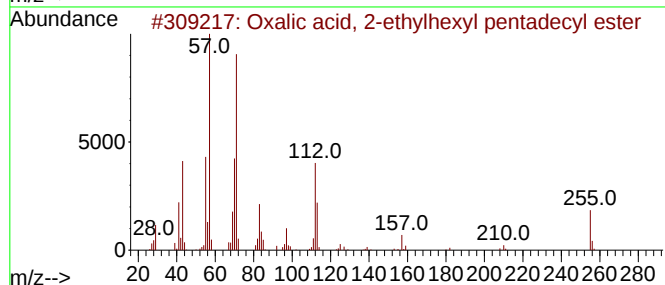
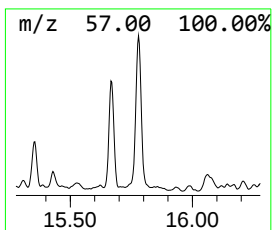
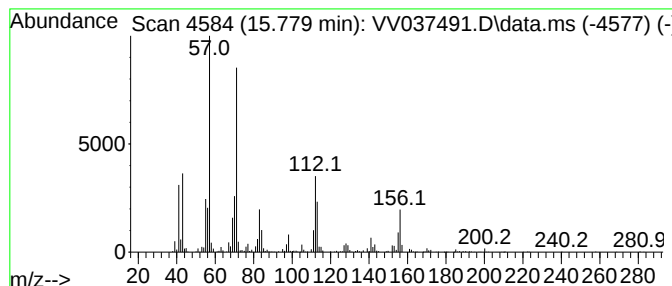
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 Oxalic acid, 2-ethylhexyl p... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.779	19.03 ug/L	1046580	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 2-ethylhexyl pentad...	412	C25H48O4	1000309-39-8	59
2			Carbonic acid, 2-ethylhexyl nony...	300	C18H36O3	1000383-13-6	59
3			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	53
4			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	53
5			Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

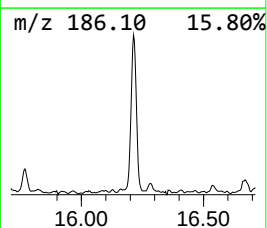
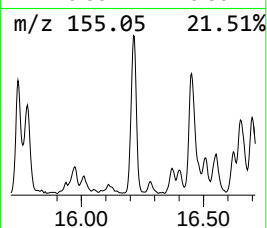
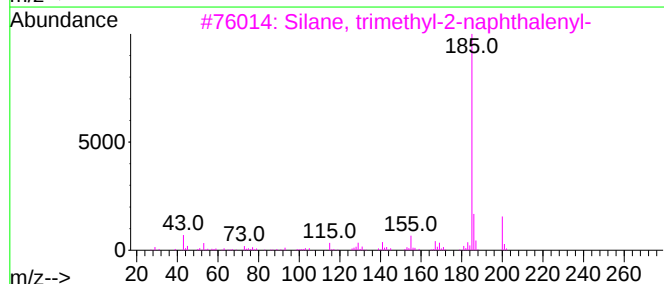
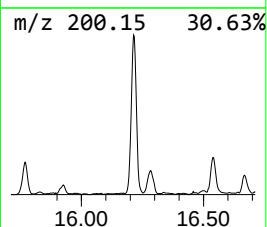
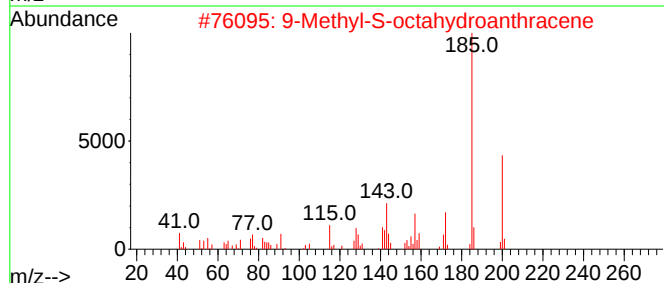
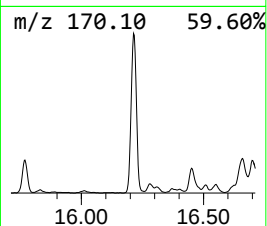
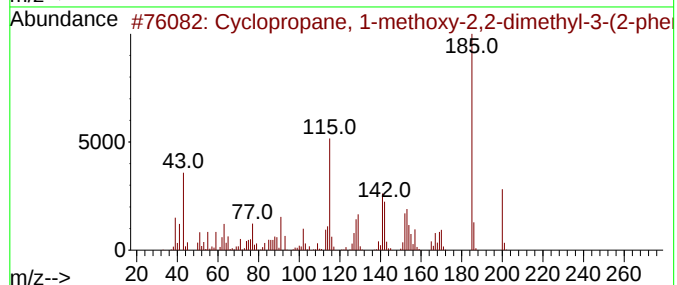
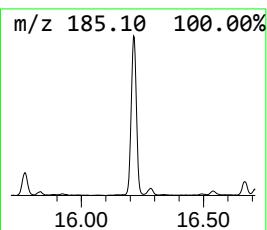
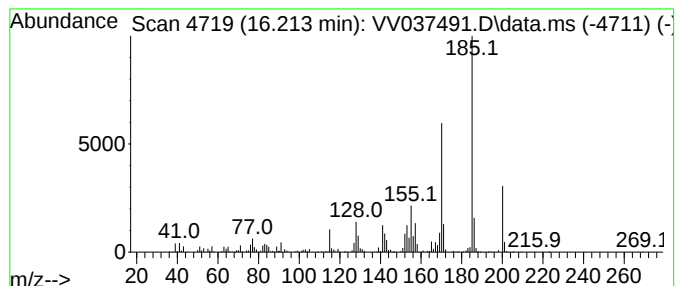
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 68 Cyclopropane, 1-methoxy-2,2... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.213	16.12 ug/L	886217	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1-methoxy-2,2-dime...	200	C14H16O	1000271-83-0	91
2			9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	64
3			Silane, trimethyl-2-naphthalenyl-	200	C13H16Si	018052-85-2	58
4			1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	53
5			1-Methyl-1-n-pentyloxy-1-silacyc...	200	C11H24OSi	232270-61-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

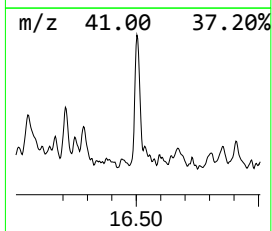
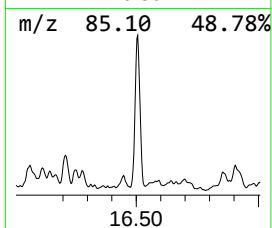
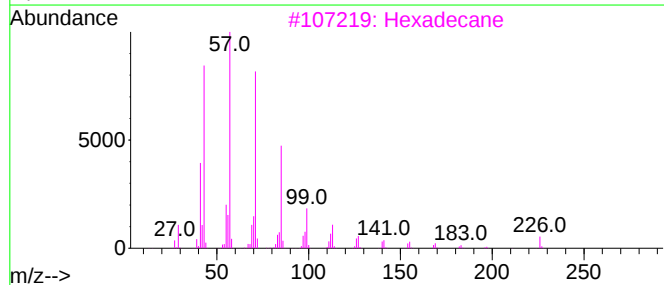
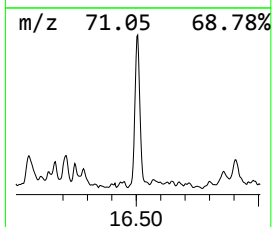
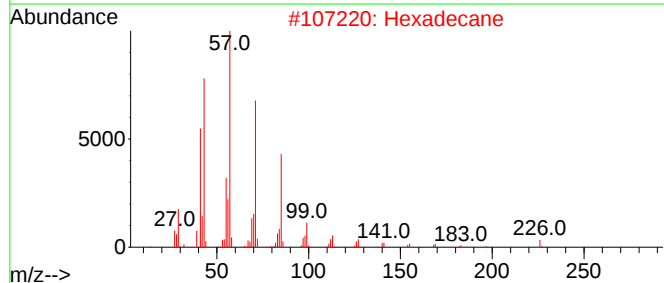
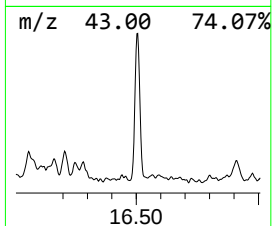
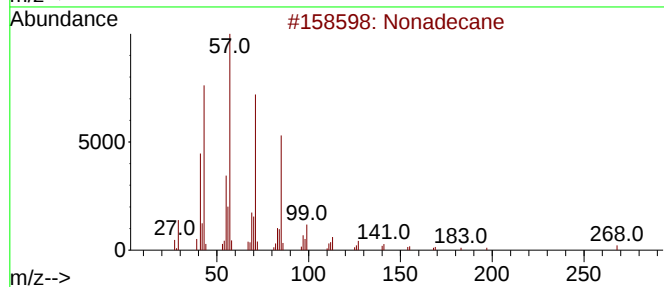
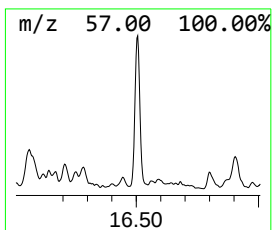
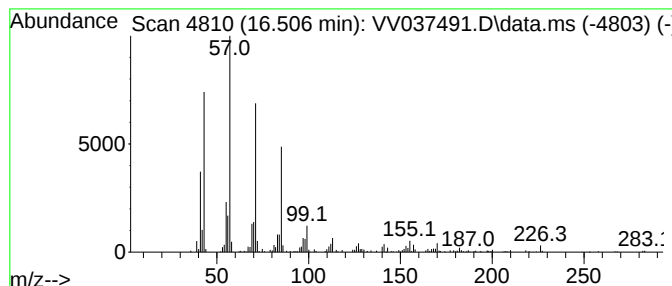
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.506	4.49 ug/L	246846	1,4-Dichlorobenzene-d4	11.178

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	98
2		Hexadecane	226	C16H34	000544-76-3	98
3		Hexadecane	226	C16H34	000544-76-3	96
4		Hexadecane	226	C16H34	000544-76-3	95
5		Hexadecane	226	C16H34	000544-76-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037491.D
Acq On : 23 Sep 2024 18:25
Operator : SY/MD
Sample : P4024-01MEDL 20X
Misc : 6.18G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

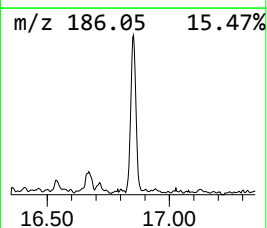
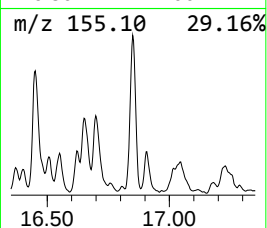
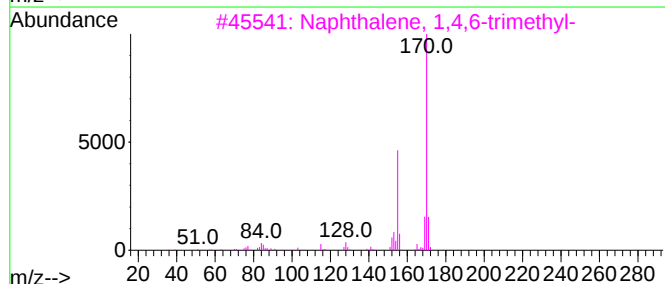
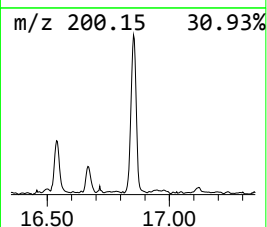
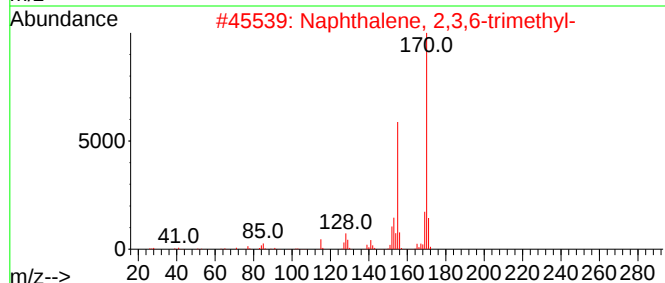
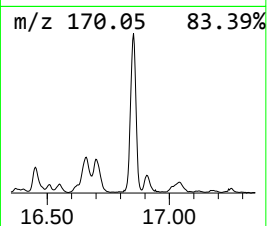
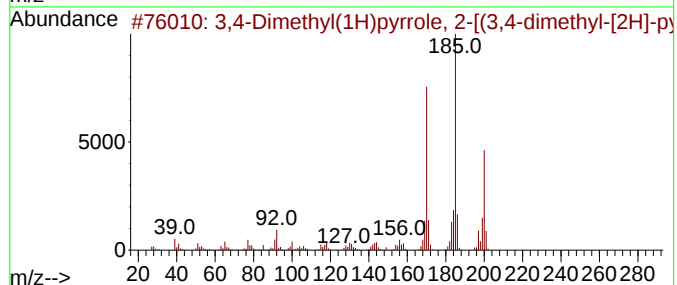
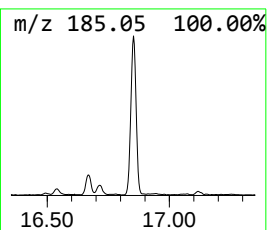
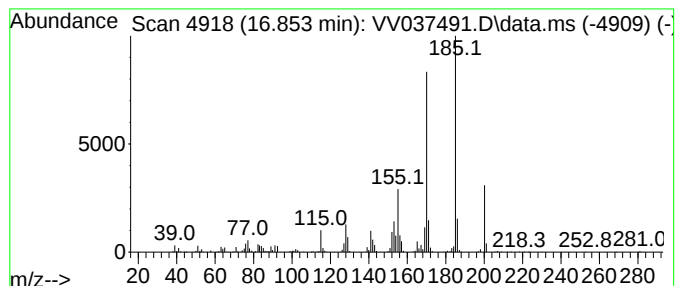
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 71 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.853	10.46 ug/L	575130	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	87
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	55
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	55
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037491.D
 Acq On : 23 Sep 2024 18:25
 Operator : SY/MD
 Sample : P4024-01MEDL 20X
 Misc : 6.18G/5mL/100ul/5ml/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DDCD5MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butanal	3.606	18.0	ug/L	705978	1	5.529	1965900	50.0
(DEL) Alkane: S...	7.493	5.0	ug/L	249264	2	8.780	2487810	50.0
(DEL) Alkane: S...	8.500	6.4	ug/L	318830	2	8.780	2487810	50.0
(DEL) Alkane: S...	8.596	15.9	ug/L	791869	2	8.780	2487810	50.0
(DEL) Alkane: S...	8.718	13.6	ug/L	676153	2	8.780	2487810	50.0
(DEL) Alkane: S...	9.133	80.1	ug/L	3987110	2	8.780	2487810	50.0
(DEL) Alkane: C...	9.406	16.2	ug/L	805550	2	8.780	2487810	50.0
(DEL) Alkane: S...	9.641	26.9	ug/L	1338270	2	8.780	2487810	50.0
(DEL) Alkane: C...	9.731	32.1	ug/L	1595090	2	8.780	2487810	50.0
(DEL) Alkane: S...	9.779	15.3	ug/L	758942	2	8.780	2487810	50.0
(DEL) Alkane: S...	9.950	11.6	ug/L	576919	2	8.780	2487810	50.0
(DEL) Alkane: S...	10.017	32.6	ug/L	1790610	3	11.178	2749130	50.0
(DEL) Alkane: S...	10.050	35.1	ug/L	1930890	3	11.178	2749130	50.0
Benzene, propyl-	10.284	13.5	ug/L	743440	3	11.178	2749130	50.0
Benzene, 1-ethy...	10.378	59.2	ug/L	3256020	3	11.178	2749130	50.0
4-Heptanone, 2,...	10.628	14.1	ug/L	774002	3	11.178	2749130	50.0
Benzene, 1-ethy...	10.667	21.1	ug/L	1157990	3	11.178	2749130	50.0
(DEL) Alkane: S...	10.773	9.6	ug/L	526164	3	11.178	2749130	50.0
2-Heptanone, 4,...	10.953	48.7	ug/L	2675560	3	11.178	2749130	50.0
(DEL) Alkane: S...	11.030	12.1	ug/L	665675	3	11.178	2749130	50.0
(DEL) Alkane: C...	11.088	18.6	ug/L	1020420	3	11.178	2749130	50.0
(DEL) Alkane: S...	11.233	33.0	ug/L	1814770	3	11.178	2749130	50.0
Benzene, 1,2,3-...	11.268	45.6	ug/L	2506660	3	11.178	2749130	50.0
(DEL) Alkane: S...	11.307	27.6	ug/L	1517880	3	11.178	2749130	50.0
(DEL) Alkane: S...	11.397	27.8	ug/L	1528770	3	11.178	2749130	50.0
Benzene, 1,2-di...	11.474	23.4	ug/L	1284050	3	11.178	2749130	50.0
(DEL) Alkane: S...	11.725	177.5	ug/L	9757670	3	11.178	2749130	50.0
o-Cymene	11.847	26.2	ug/L	1441760	3	11.178	2749130	50.0
unknown-01	12.037	18.3	ug/L	1004870	3	11.178	2749130	50.0
Benzene, 1,3-di...	12.191	16.0	ug/L	877838	3	11.178	2749130	50.0
(DEL) Alkane: C...	12.304	20.4	ug/L	1124510	3	11.178	2749130	50.0
Benzene, 1,2,3,...	12.345	15.4	ug/L	849023	3	11.178	2749130	50.0
Benzene, 1,2,3,...	12.397	31.0	ug/L	1704940	3	11.178	2749130	50.0
(DEL) Alkane: S...	12.435	14.7	ug/L	806113	3	11.178	2749130	50.0
(DEL) Alkane: S...	12.525	3.9	ug/L	212749	3	11.178	2749130	50.0
Benzene, 1-ethy...	12.728	10.9	ug/L	600973	3	11.178	2749130	50.0
(DEL) Alkane: S...	12.821	47.6	ug/L	2614910	3	11.178	2749130	50.0
unknown-02	12.869	11.6	ug/L	639354	3	11.178	2749130	50.0
Oxirane, [[(2-e...	12.914	13.1	ug/L	722269	3	11.178	2749130	50.0
Naphthalene, 1,...	12.976	10.6	ug/L	584740	3	11.178	2749130	50.0
unknown-03	13.204	13.0	ug/L	714939	3	11.178	2749130	50.0
5-Nonanone, 2,8...	13.316	52.2	ug/L	2871180	3	11.178	2749130	50.0
2,4-Dipropyl-5-...	13.352	55.5	ug/L	3052450	3	11.178	2749130	50.0
1-Methylcyclohe...	13.750	26.1	ug/L	1434190	3	11.178	2749130	50.0
(DEL) Alkane: S...	13.837	13.9	ug/L	763624	3	11.178	2749130	50.0
Benzene, 1,3,5-...	13.905	22.4	ug/L	1229220	3	11.178	2749130	50.0
unknown-04	13.959	12.4	ug/L	684103	3	11.178	2749130	50.0
6-Undecanone	14.008	15.6	ug/L	858785	3	11.178	2749130	50.0
unknown-05	14.133	16.3	ug/L	896564	3	11.178	2749130	50.0
n-Butyric acid ...	14.348	27.9	ug/L	1534850	3	11.178	2749130	50.0
(DEL) Alkane: S...	15.352	4.1	ug/L	224407	3	11.178	2749130	50.0
(DEL) Alkane: S...	15.670	6.7	ug/L	370500	3	11.178	2749130	50.0

Oxalic acid, 2-...	15.779	19.0	ug/L	1046580	3	11.178	2749130	50.0
Cyclopropane, 1...	16.213	16.1	ug/L	886217	3	11.178	2749130	50.0
(DEL) Alkane: S...	16.506	4.5	ug/L	246846	3	11.178	2749130	50.0
3,4-Dimethyl(1H...	16.853	10.5	ug/L	575130	3	11.178	2749130	50.0

Instrument :

MSVOA_V

ClientSampleId :

DDCD5MEDL