

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
 Data File : VV031949.D
 Acq On : 28 Aug 2023 17:33
 Operator : SY/MD
 Sample : 04175-10ME
 Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZYK4ME

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\SFAMVLM082323WMA.M
 Title : VOC Analysis

Signal : TIC: VV031949.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	65	74	94	rVB	72514	108773	10.65%	0.622%
2	1.487	126	139	140	rBV9	9750	14902	1.46%	0.085%
3	1.526	145	151	165	rVV	39470	69790	6.83%	0.399%
4	2.040	301	311	326	rBV	163444	239317	23.44%	1.368%
5	2.220	361	367	378	rVB	6823	10763	1.05%	0.062%
6	2.449	426	438	449	rVV5	12679	26290	2.57%	0.150%
7	2.680	497	510	528	rVB2	10808	22636	2.22%	0.129%
8	2.957	583	596	618	rVB2	11230	23780	2.33%	0.136%
9	3.812	851	862	906	rBV2	55719	220290	21.57%	1.259%
10	4.252	982	999	1026	rBV	142882	387776	37.97%	2.216%
11	4.574	1085	1099	1115	rVV5	10714	27761	2.72%	0.159%
12	4.664	1115	1127	1152	rVB5	5038	17589	1.72%	0.101%
13	4.815	1158	1174	1195	rBV3	13316	36952	3.62%	0.211%
14	4.957	1202	1218	1247	rBV2	378759	976223	95.60%	5.578%
15	5.407	1347	1358	1376	rBV3	12723	26531	2.60%	0.152%
16	5.535	1386	1398	1429	rBV	234755	525045	51.42%	3.000%
17	5.834	1478	1491	1509	rBV6	11176	30174	2.95%	0.172%
18	5.992	1526	1540	1554	rBV	210385	470980	46.12%	2.691%
19	6.387	1649	1663	1674	rVB7	5295	11241	1.10%	0.064%
20	6.555	1694	1715	1723	rBV7	7809	21222	2.08%	0.121%
21	6.847	1798	1806	1814	rBV2	11413	19107	1.87%	0.109%
22	6.918	1815	1828	1849	rVV	119323	249889	24.47%	1.428%
23	7.008	1850	1856	1876	rVB2	14152	30285	2.97%	0.173%
24	7.194	1901	1914	1920	rBV3	22759	45016	4.41%	0.257%
25	7.246	1920	1930	1950	rVB	407806	743359	72.80%	4.248%
26	7.371	1965	1969	1979	rVB8	8569	12496	1.22%	0.071%
27	7.503	2001	2010	2018	rBV	18094	29184	2.86%	0.167%
28	7.561	2018	2028	2058	rVB2	80468	214156	20.97%	1.224%
29	7.719	2064	2077	2089	rBV4	8429	16754	1.64%	0.096%
30	8.040	2159	2177	2180	rBV2	82790	136722	13.39%	0.781%
31	8.165	2205	2216	2225	rVB5	15688	39692	3.89%	0.227%
32	8.223	2225	2234	2244	rVB	33815	53596	5.25%	0.306%
33	8.284	2244	2253	2262	rBV2	32191	56386	5.52%	0.322%
34	8.442	2294	2302	2313	rVB3	12106	21162	2.07%	0.121%
35	8.529	2315	2329	2336	rBV6	20569	53312	5.22%	0.305%
36	8.603	2345	2352	2363	rVB2	38190	65417	6.41%	0.374%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
 Data File : VV031949.D
 Acq On : 28 Aug 2023 17:33
 Operator : SY/MD
 Sample : 04175-10ME
 Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZYK4ME

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\SFAMVLM082323WMA.M
 Title : VOC Analysis

37	8.728	2378	2391	2400	rBV	44773	77435	7.58%	0.442%
38	8.792	2400	2411	2445	rVV2	348158	780352	76.42%	4.459%
39	8.953	2446	2461	2472	rBV	50495	98169	9.61%	0.561%
40	9.040	2480	2488	2493	rBV6	17521	29046	2.84%	0.166%
41	9.088	2494	2503	2512	rVV4	71996	132635	12.99%	0.758%
42	9.143	2513	2520	2544	rVB4	43362	97694	9.57%	0.558%
43	9.255	2544	2555	2567	rBV4	17425	33612	3.29%	0.192%
44	9.355	2577	2586	2589	rBV4	9077	13761	1.35%	0.079%
45	9.413	2590	2604	2621	rVB5	50809	109026	10.68%	0.623%
46	9.493	2621	2629	2632	rBV3	18507	26779	2.62%	0.153%
47	9.619	2659	2668	2669	rBV3	24082	29677	2.91%	0.170%
48	9.651	2670	2678	2687	rVB2	86154	144983	14.20%	0.828%
49	9.738	2696	2705	2714	rBV5	73370	135216	13.24%	0.773%
50	9.792	2715	2722	2731	rVB	83438	131735	12.90%	0.753%
51	9.850	2732	2740	2743	rBV6	22313	32679	3.20%	0.187%
52	9.915	2755	2760	2766	rVB4	14445	17817	1.74%	0.102%
53	9.960	2767	2774	2783	rVV3	49601	76961	7.54%	0.440%
54	10.030	2783	2796	2802	rVV2	74031	135181	13.24%	0.772%
55	10.062	2802	2806	2816	rVB4	40222	56331	5.52%	0.322%
56	10.165	2817	2838	2854	rBV3	370911	793276	77.69%	4.533%
57	10.394	2901	2909	2917	rVB5	39895	62956	6.17%	0.360%
58	10.452	2918	2927	2930	rBV2	107012	150703	14.76%	0.861%
59	10.480	2931	2936	2945	rVB2	119484	177315	17.36%	1.013%
60	10.625	2969	2981	2986	rBV6	19579	44971	4.40%	0.257%
61	10.667	2988	2994	3003	rVV6	29246	58685	5.75%	0.335%
62	10.780	3021	3029	3034	rBV6	30585	44182	4.33%	0.252%
63	10.821	3034	3042	3049	rBV	228594	348879	34.17%	1.994%
64	10.860	3049	3054	3063	rVB	111127	169262	16.58%	0.967%
65	10.979	3083	3091	3095	rBV3	49562	75074	7.35%	0.429%
66	11.040	3106	3110	3119	rVB4	91482	123081	12.05%	0.703%
67	11.098	3120	3128	3136	rBV3	156537	240965	23.60%	1.377%
68	11.194	3149	3158	3166	rBV	436970	694208	67.98%	3.967%
69	11.236	3167	3171	3178	rVV3	99356	126339	12.37%	0.722%
70	11.281	3178	3185	3192	rVV	134946	183274	17.95%	1.047%
71	11.406	3218	3224	3234	rVB3	89842	130257	12.76%	0.744%
72	11.490	3242	3250	3254	rBV5	30447	53757	5.26%	0.307%
73	11.570	3263	3275	3291	rVB	536564	1021141	100.00%	5.835%
74	11.882	3357	3372	3381	rBV3	198301	454017	44.46%	2.594%
75	11.937	3381	3389	3392	rBV5	86694	129921	12.72%	0.742%
76	12.069	3421	3430	3438	rBV3	140362	287179	28.12%	1.641%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
 Data File : VV031949.D
 Acq On : 28 Aug 2023 17:33
 Operator : SY/MD
 Sample : 04175-10ME
 Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZYK4ME

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\SFAMVLM082323WMA.M
 Title : VOC Analysis

77	12.201	3460	3471	3480	rBV6	162581	310991	30.46%	1.777%
78	12.313	3496	3506	3513	rBV	292981	494424	48.42%	2.825%
79	12.355	3514	3519	3528	rVB4	166629	273765	26.81%	1.564%
80	12.410	3528	3536	3545	rBV2	321304	459096	44.96%	2.623%
81	12.496	3556	3563	3569	rBV3	71836	103310	10.12%	0.590%
82	12.535	3570	3575	3582	rVB3	78481	95460	9.35%	0.545%
83	12.587	3584	3591	3598	rBV4	54853	84561	8.28%	0.483%
84	12.744	3632	3640	3647	rBV5	87146	139563	13.67%	0.797%
85	12.792	3649	3655	3658	rVV2	62700	81315	7.96%	0.465%
86	12.828	3659	3666	3683	rVB5	194957	463672	45.41%	2.650%
87	12.943	3698	3702	3707	rBV	32606	36249	3.55%	0.207%
88	12.988	3707	3716	3728	rBV3	270191	536296	52.52%	3.065%
89	13.159	3762	3769	3776	rVB2	70180	102376	10.03%	0.585%
90	13.210	3777	3785	3792	rBV3	139939	233892	22.90%	1.337%
91	13.422	3843	3851	3865	rVB7	159756	377452	36.96%	2.157%
92	13.487	3866	3871	3885	rVB4	66634	100545	9.85%	0.575%
93	14.046	4032	4045	4056	rBV9	157791	328724	32.19%	1.878%
94	14.310	4120	4127	4138	rVB10	49042	77724	7.61%	0.444%
95	14.374	4139	4147	4156	rBV3	85463	150787	14.77%	0.862%
96	14.757	4260	4266	4274	rBV	68953	102850	10.07%	0.588%
97	14.889	4302	4307	4314	rVB5	52993	69600	6.82%	0.398%
98	15.374	4448	4458	4465	rBV7	94198	186219	18.24%	1.064%
99	15.754	4570	4576	4583	rBV2	64147	89631	8.78%	0.512%
100	17.046	4971	4978	4987	rBV2	12102	18561	1.82%	0.106%

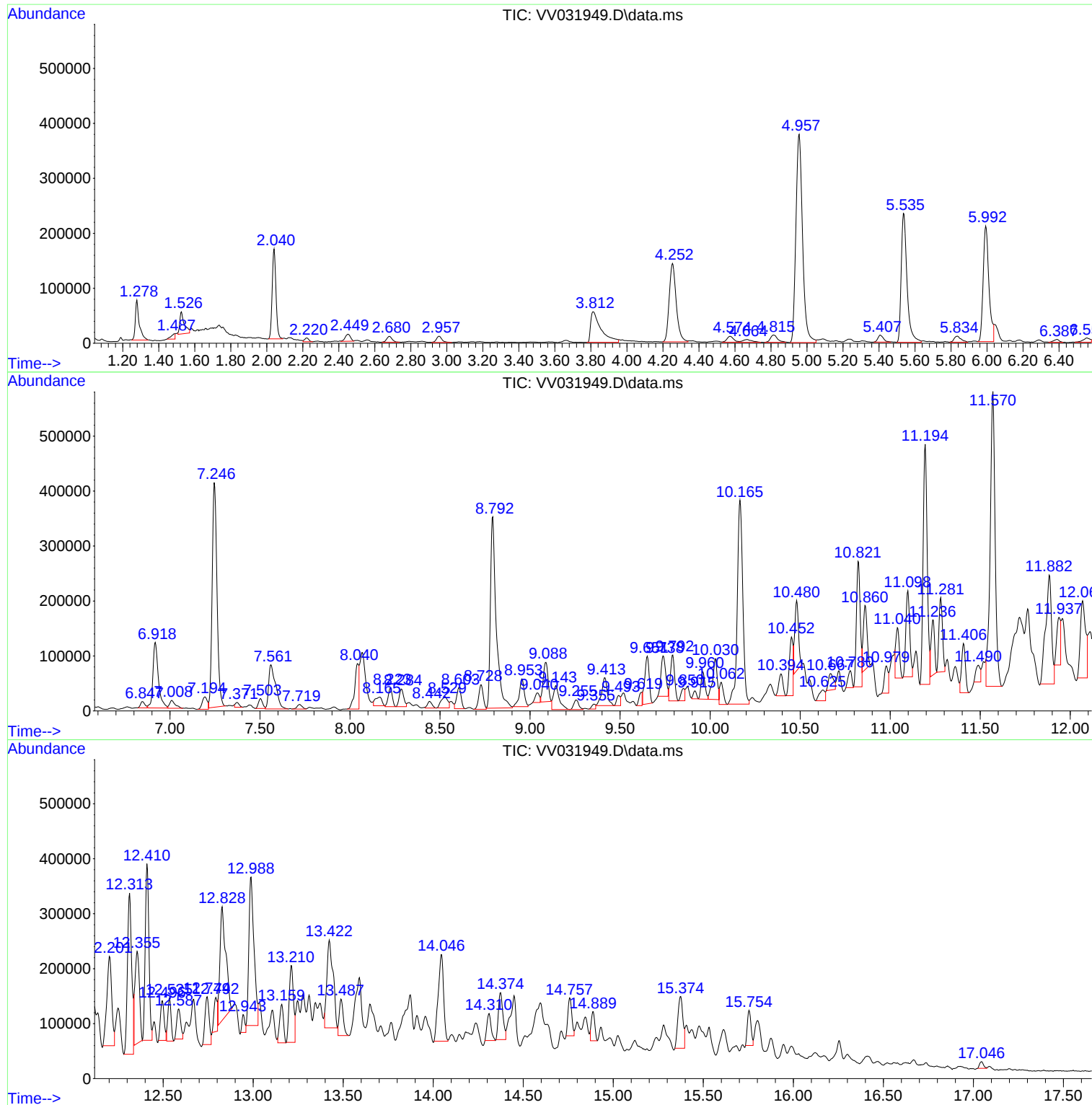
Sum of corrected areas: 17500162

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

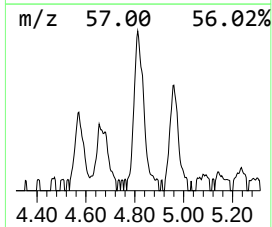
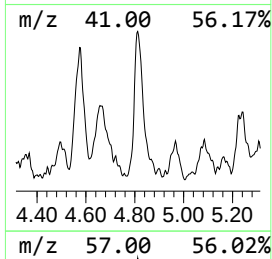
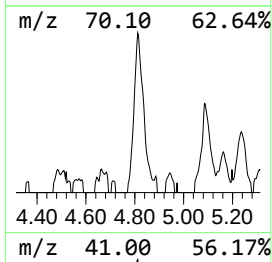
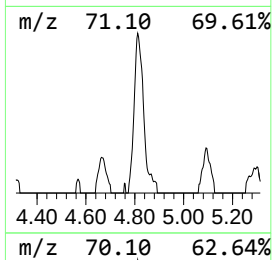
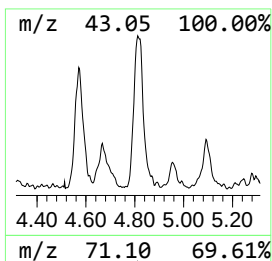
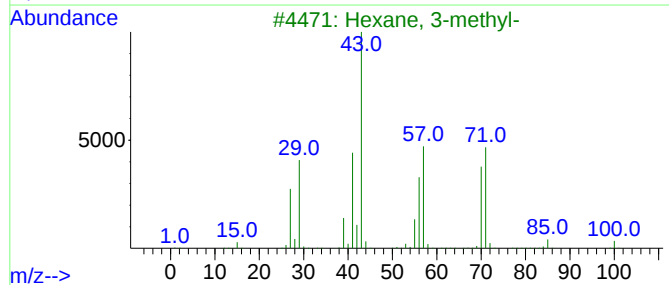
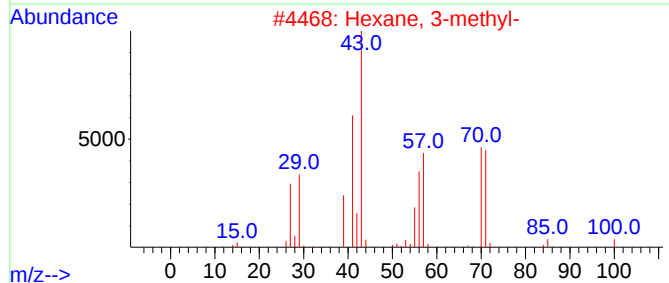
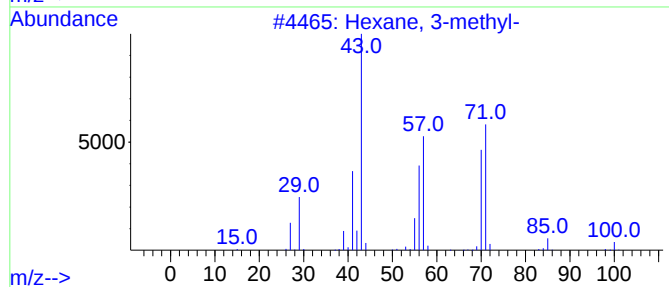
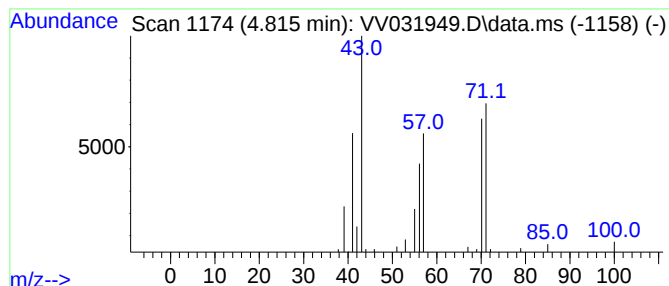
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.815	3.52 ug/L	36952	1,4-Difluorobenzene	5.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	90
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4			Heptane	100	C7H16	000142-82-5	72
5			Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

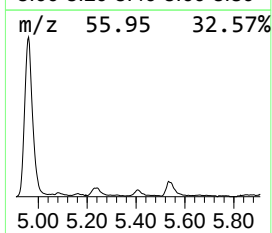
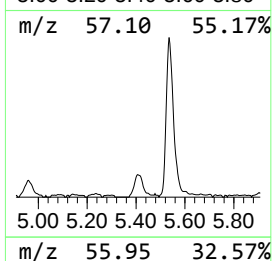
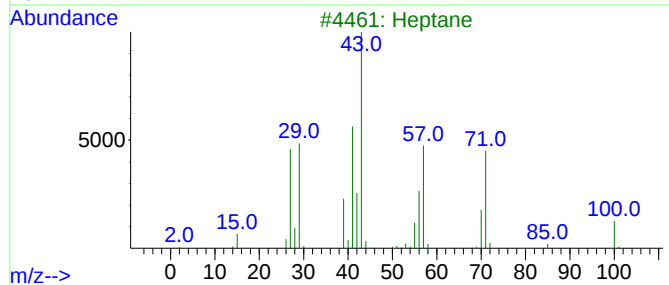
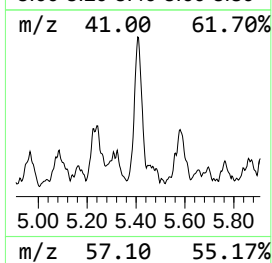
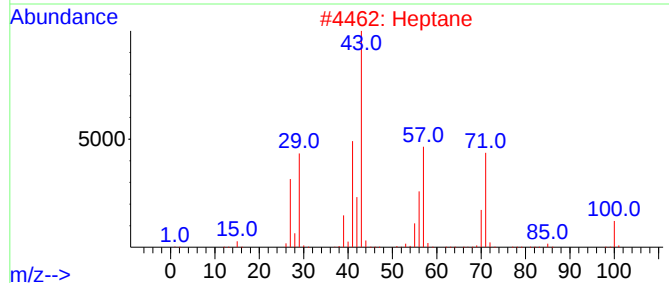
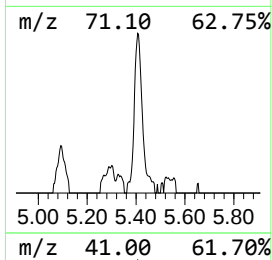
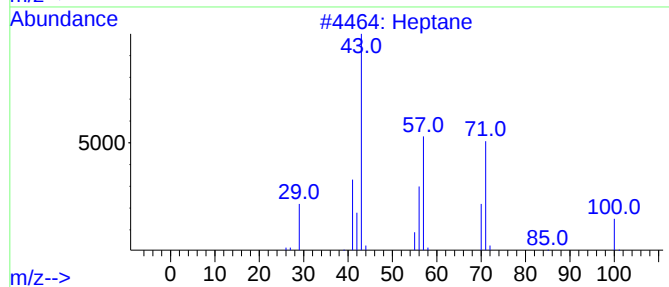
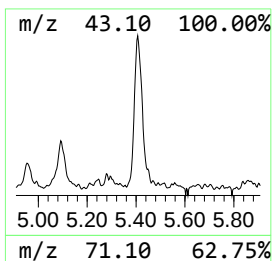
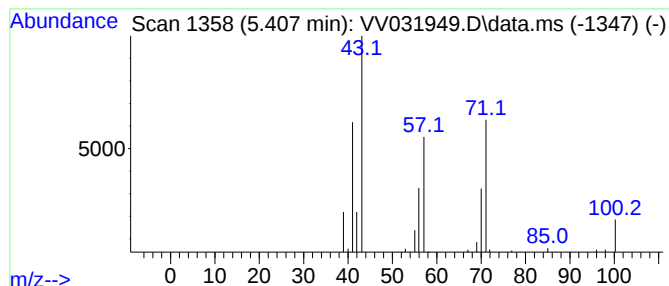
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.407	2.53 ug/L	26531	1,4-Difluorobenzene	5.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	90
2			Heptane	100	C7H16	000142-82-5	86
3			Heptane	100	C7H16	000142-82-5	78
4			Heptane	100	C7H16	000142-82-5	78
5			Hexane, 3-methyl-	100	C7H16	000589-34-4	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

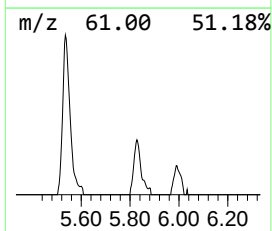
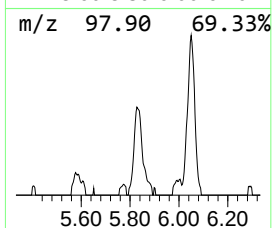
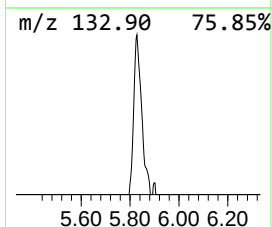
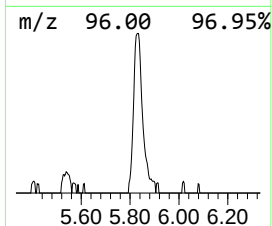
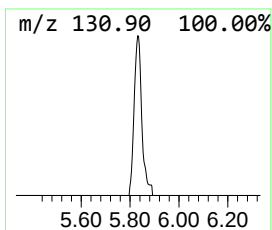
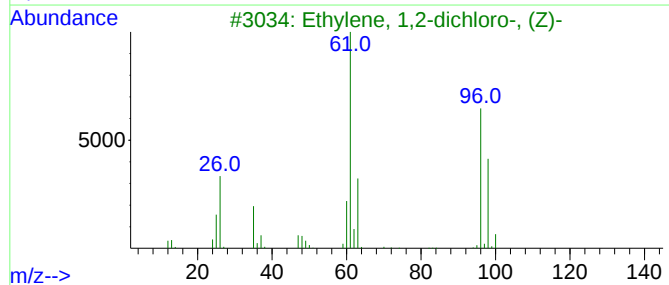
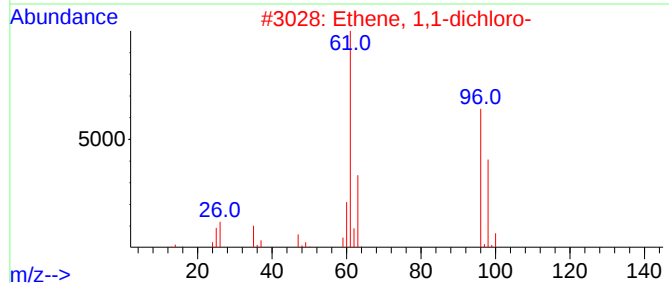
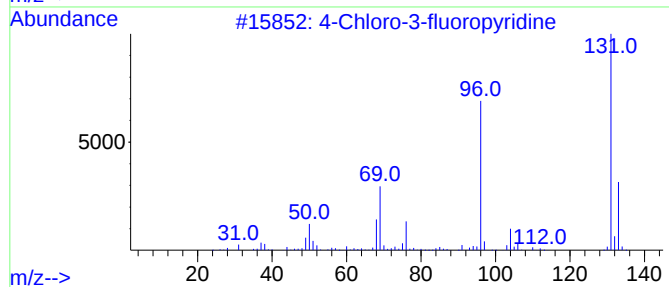
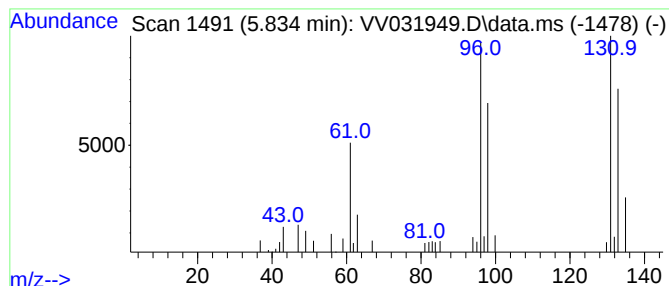
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 unknown-01 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.834	2.87 ug/L	30174	1,4-Difluorobenzene	5.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	43
2			Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	30
3			Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	30
4			Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	30
5			Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

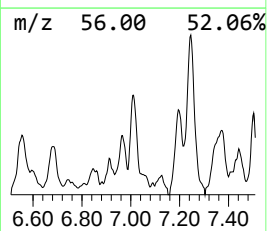
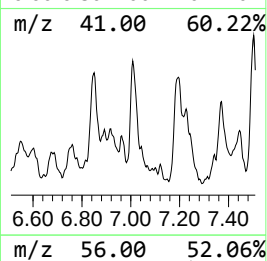
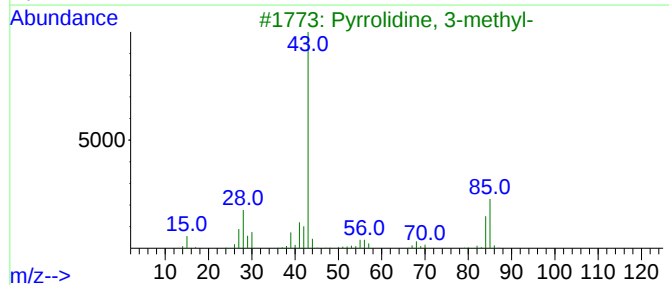
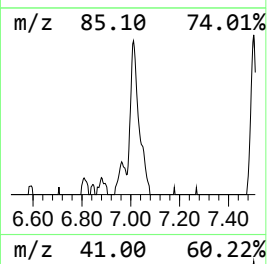
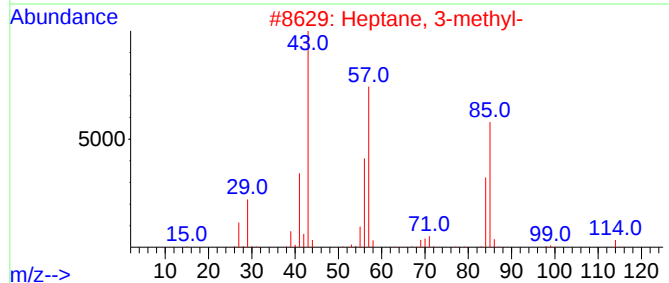
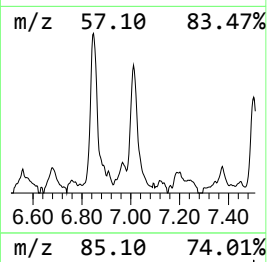
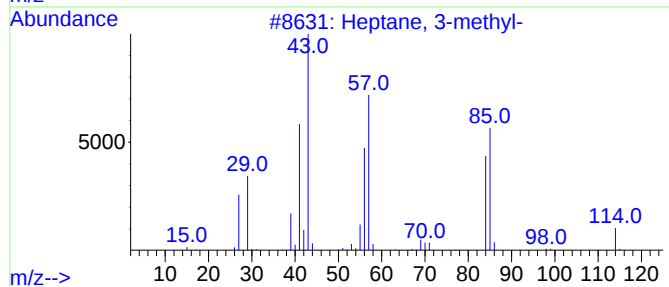
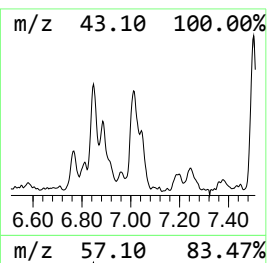
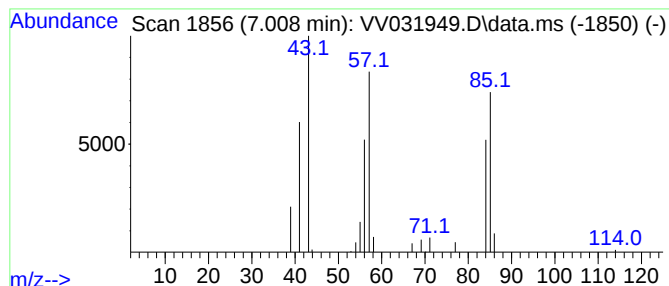
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.008	2.88 ug/L	30285	1,4-Difluorobenzene	5.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2			Heptane, 3-methyl-	114	C8H18	000589-81-1	74
3			Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	50
4			Oxirane, (2-methylbutyl)-	114	C7H14O	053229-42-8	50
5			Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

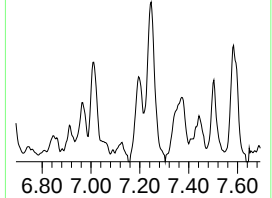
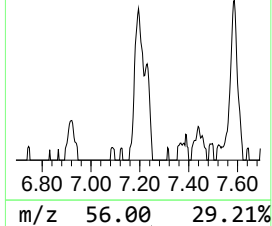
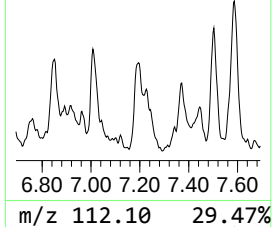
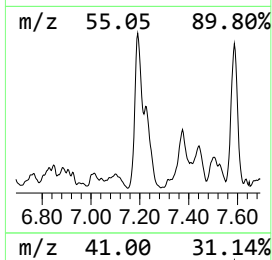
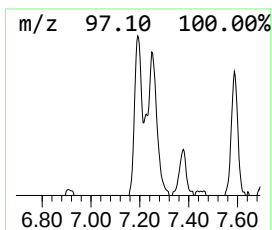
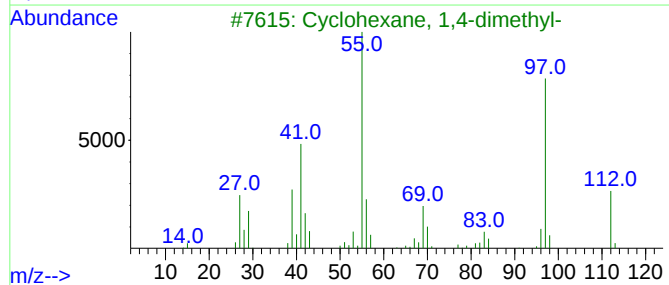
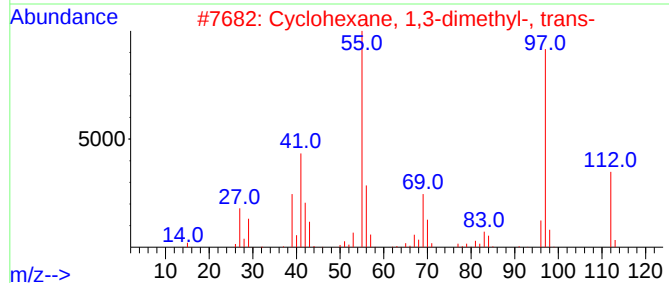
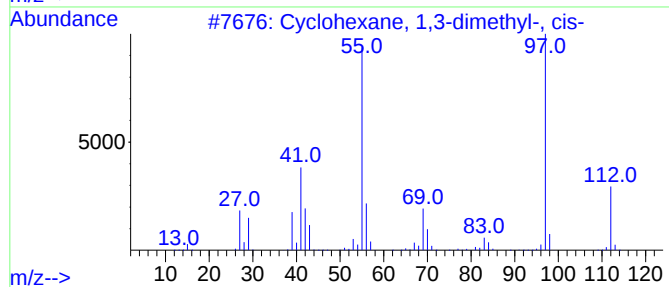
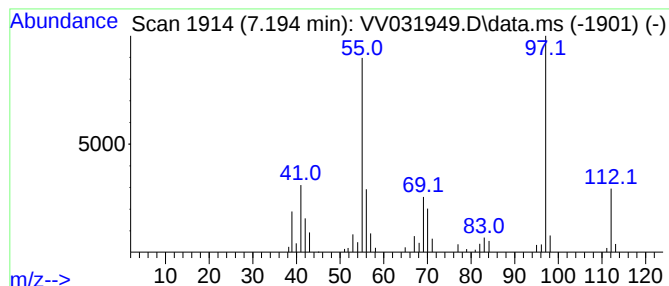
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic7.194 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.194	2.88 ug/L	45016	Chlorobenzene-d5	8.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
3			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

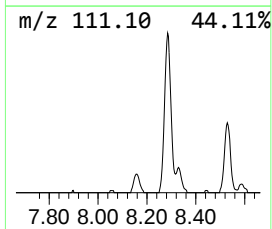
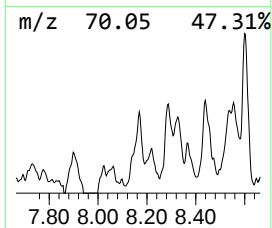
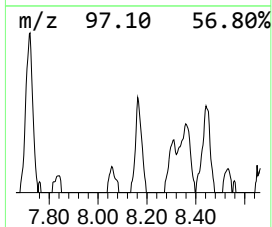
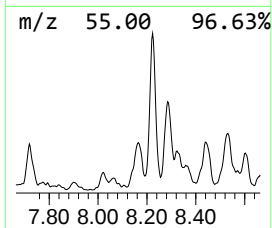
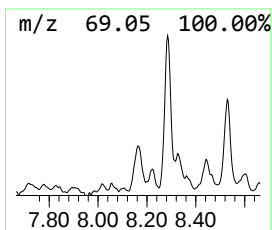
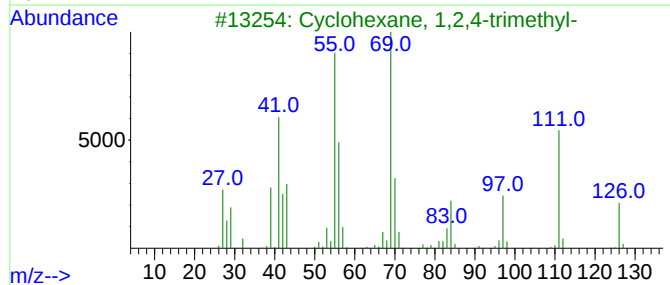
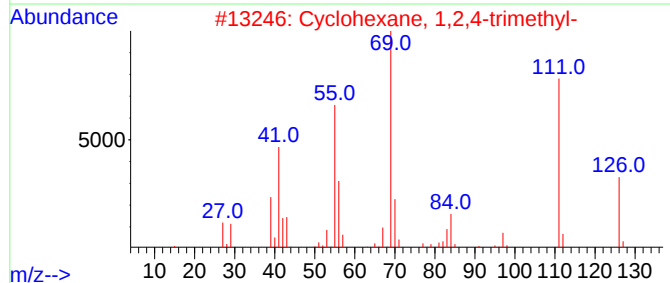
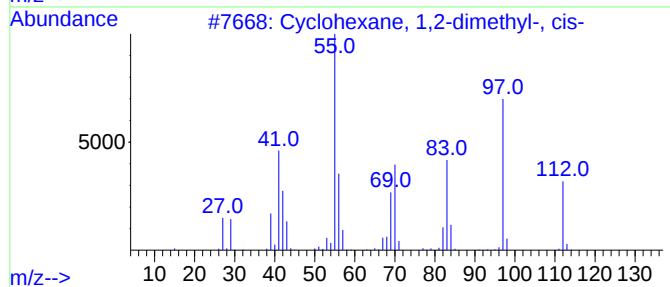
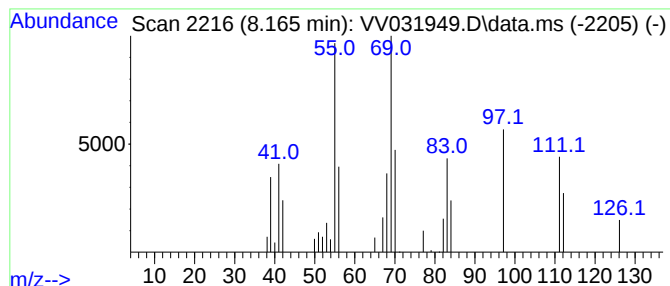
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic8.165 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.165	2.54 ug/L	39692	Chlorobenzene-d5	8.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	55
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
5			3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

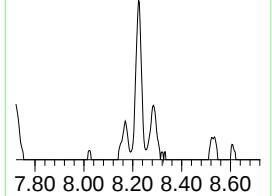
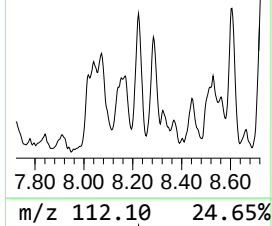
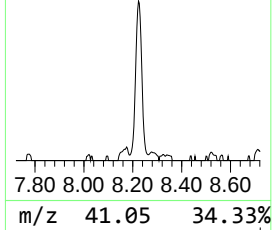
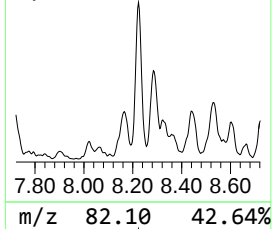
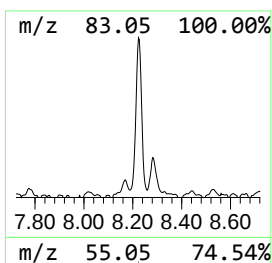
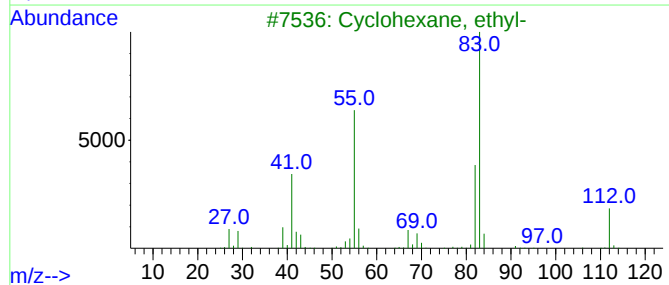
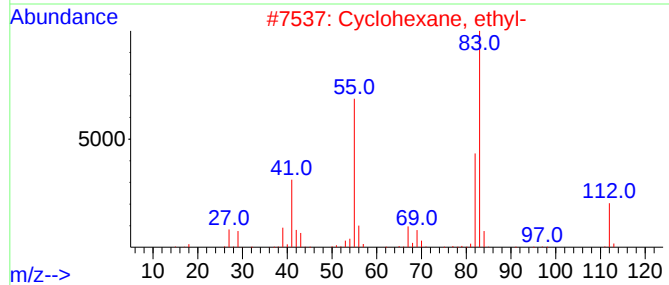
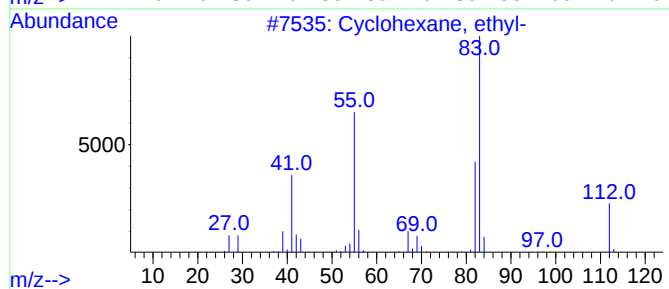
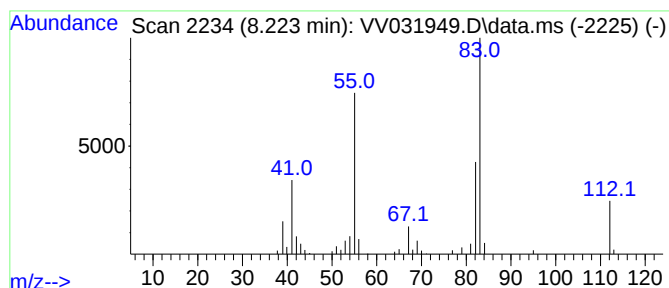
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic8.223 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.223	3.43 ug/L	53596	Chlorobenzene-d5	8.792	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	76
5	2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

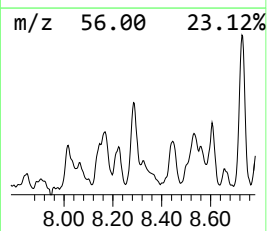
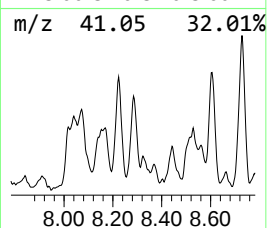
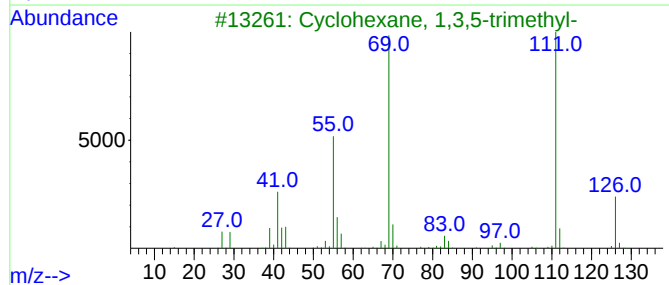
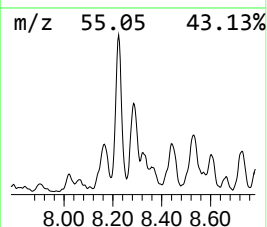
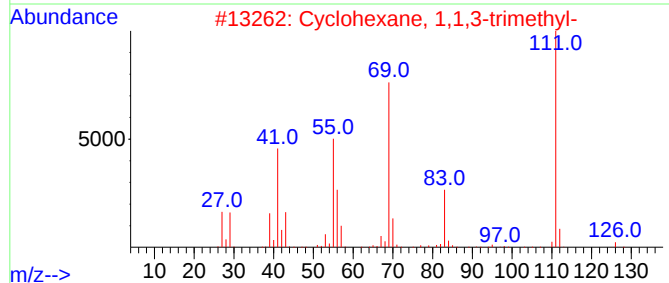
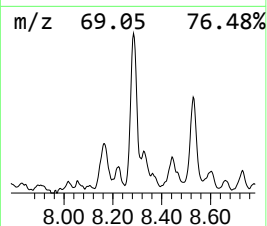
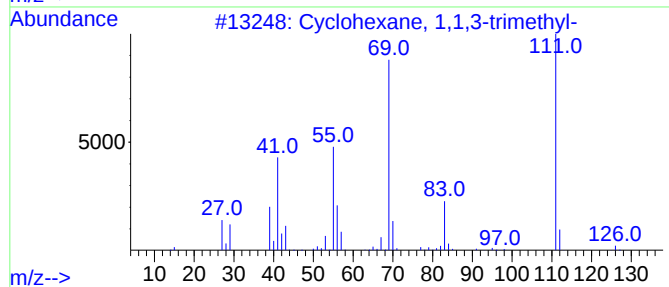
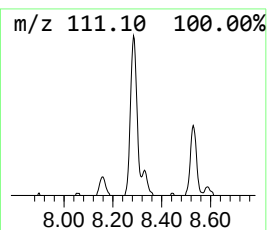
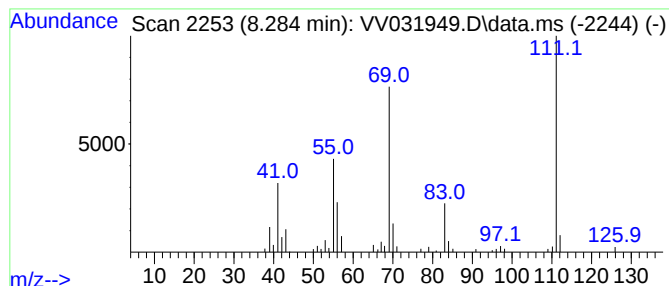
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic8.284 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.284	3.61 ug/L	56386	Chlorobenzene-d5	8.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	97
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
4			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	47
5			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

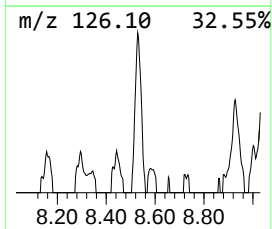
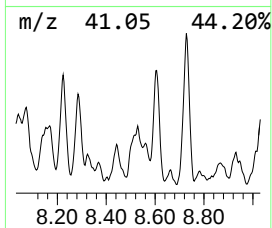
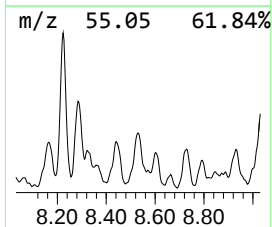
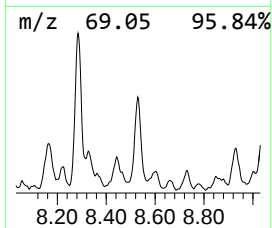
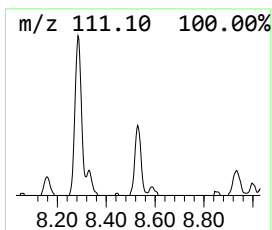
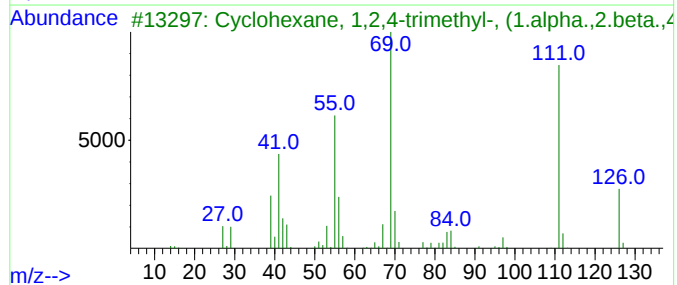
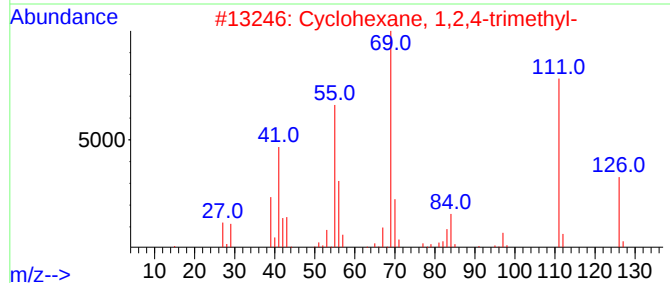
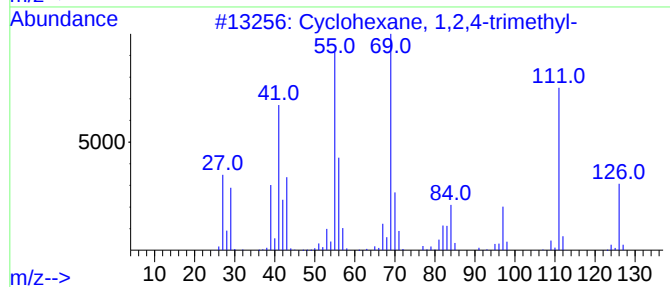
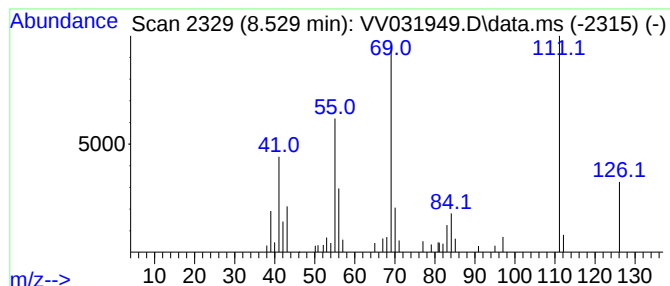
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic8.529 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.529	3.42 ug/L	53312	Chlorobenzene-d5	8.792

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91
3		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
4		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	83
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

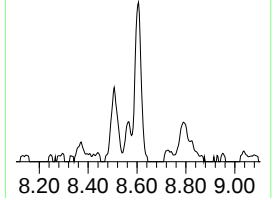
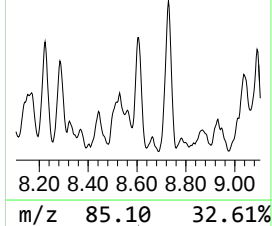
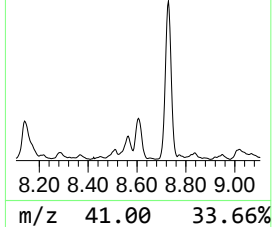
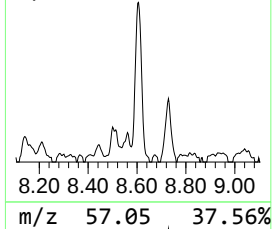
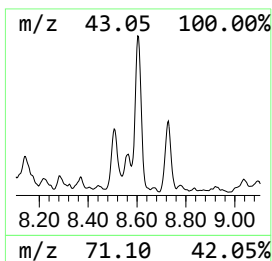
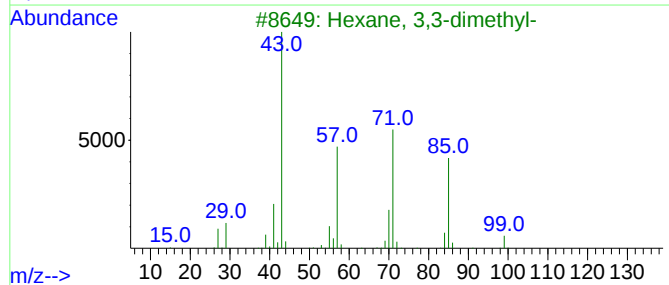
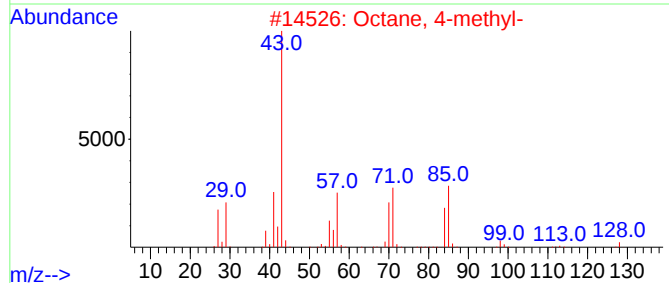
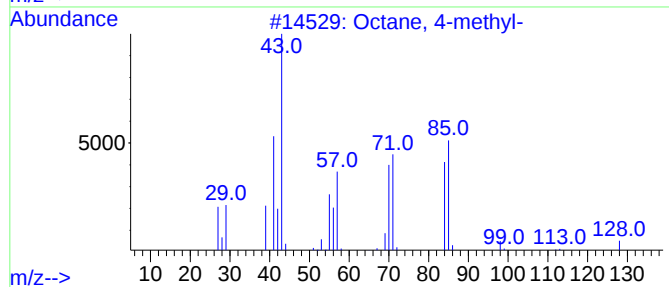
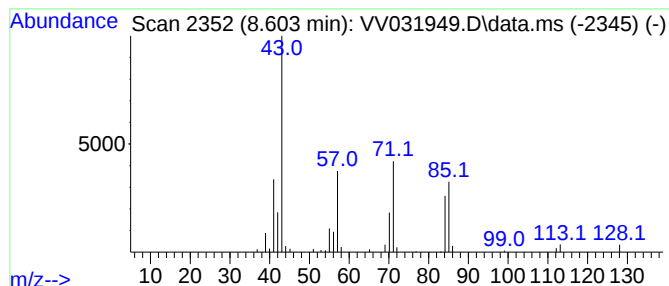
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.603	4.19 ug/L	65417	Chlorobenzene-d5	8.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-			128	C9H20	002216-34-4	58
2	Octane, 4-methyl-			128	C9H20	002216-34-4	58
3	Hexane, 3,3-dimethyl-			114	C8H18	000563-16-6	53
4	Hexane, 3-ethyl-			114	C8H18	000619-99-8	50
5	Octane			114	C8H18	000111-65-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

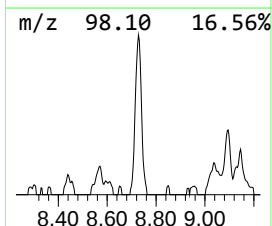
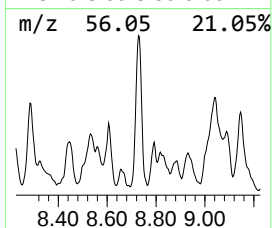
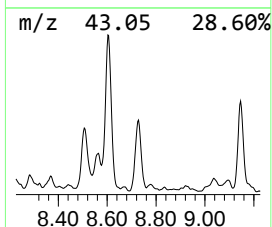
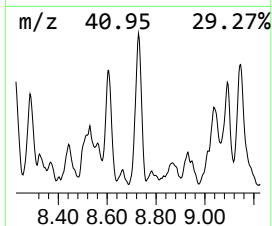
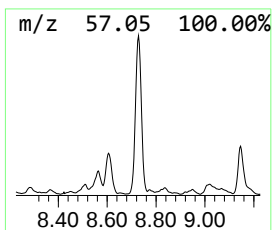
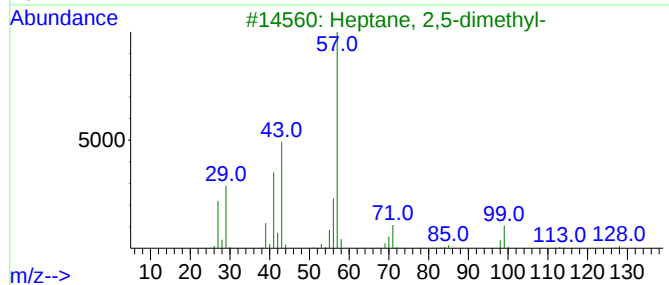
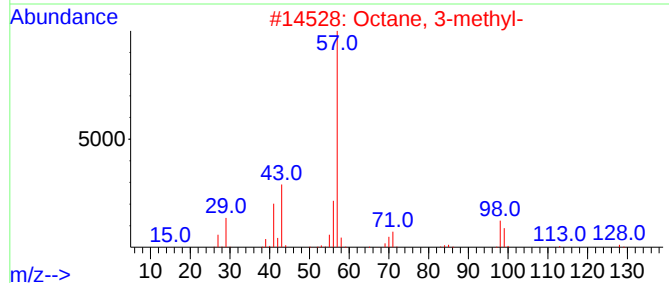
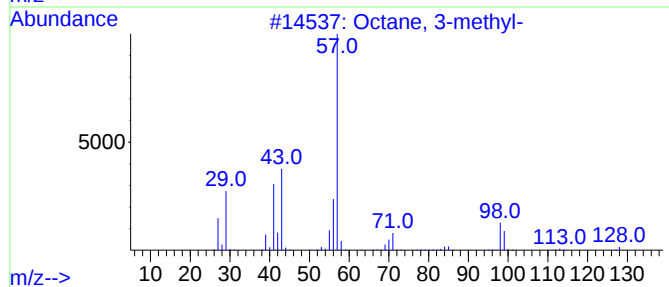
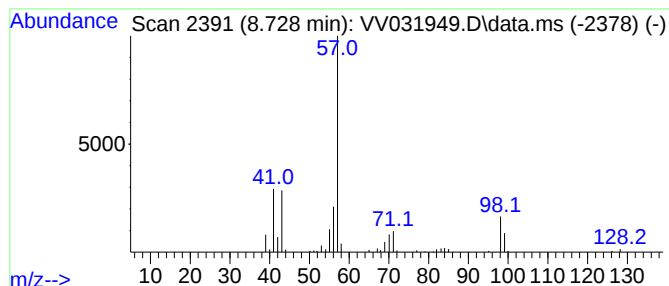
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.728	4.96 ug/L	77435	Chlorobenzene-d5	8.792

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	72
4			Octane, 3-methyl-	128	C9H20	002216-33-3	72
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

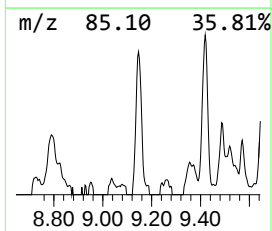
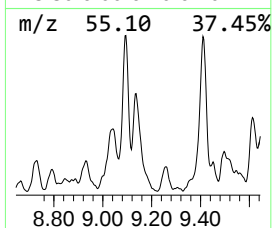
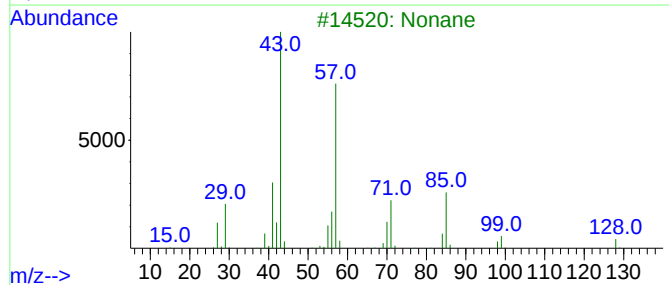
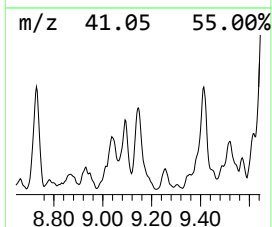
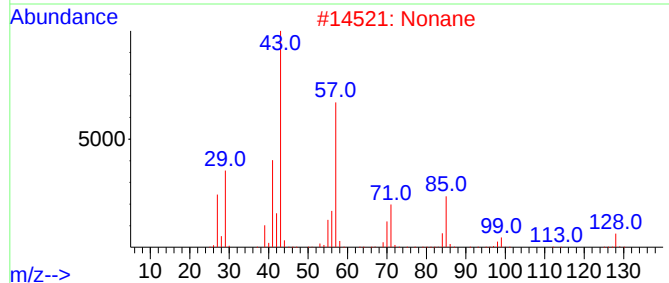
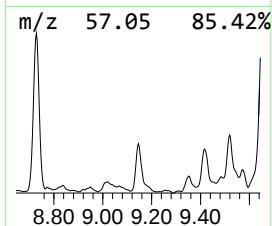
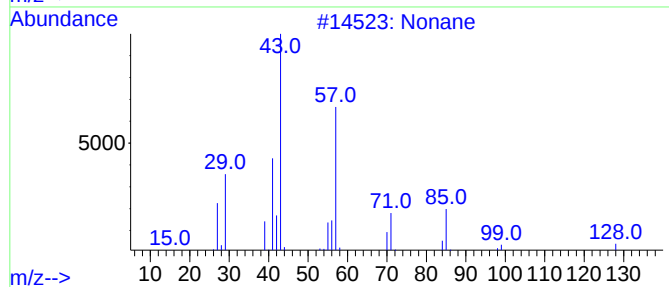
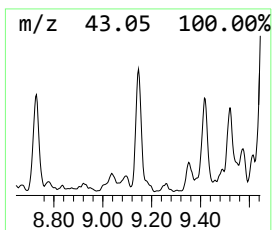
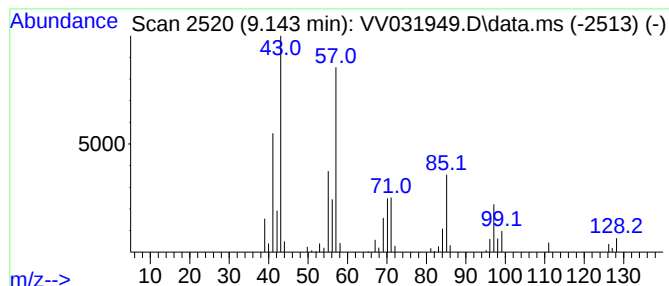
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.143	6.26 ug/L	97694	Chlorobenzene-d5	8.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	81
2	Nonane			128	C9H20	000111-84-2	81
3	Nonane			128	C9H20	000111-84-2	76
4	Nonane			128	C9H20	000111-84-2	62
5	Octane			114	C8H18	000111-65-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

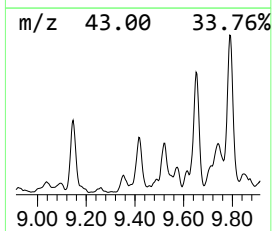
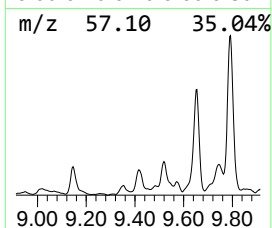
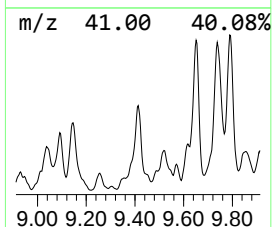
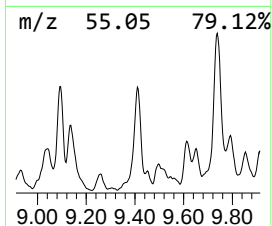
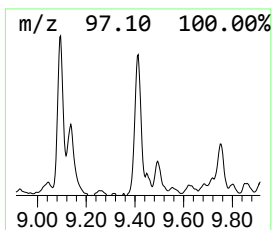
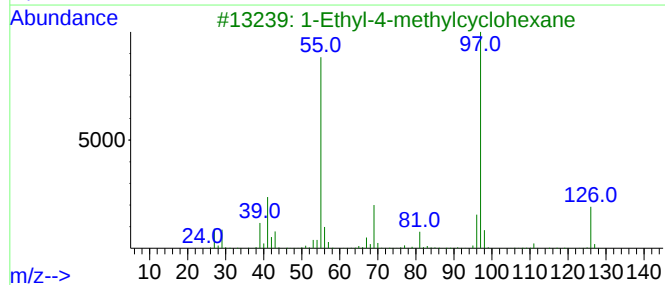
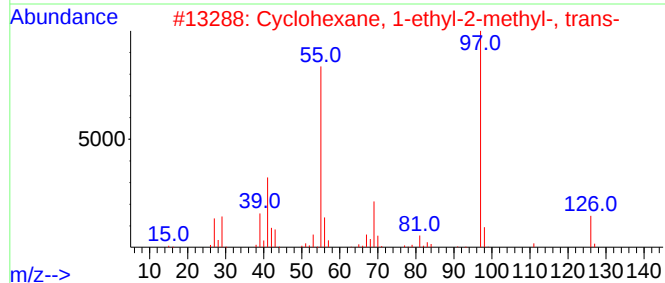
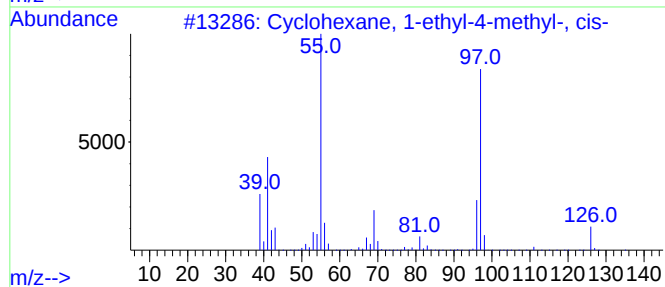
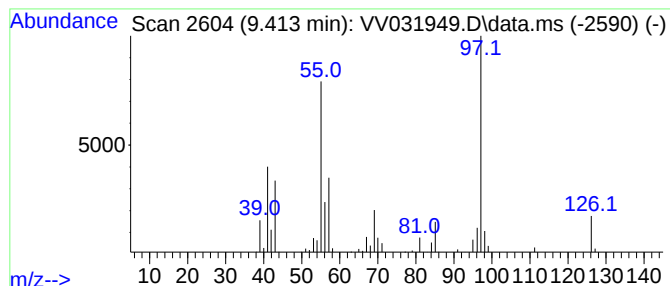
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic9.413 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.413	6.99 ug/L	109026	Chlorobenzene-d5	8.792

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	76
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	76
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	76
4		Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	72
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

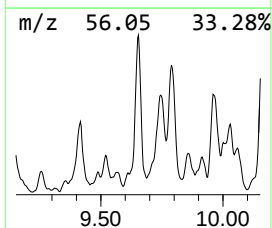
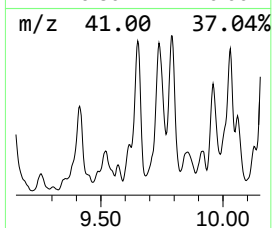
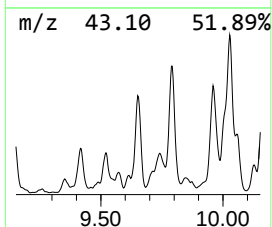
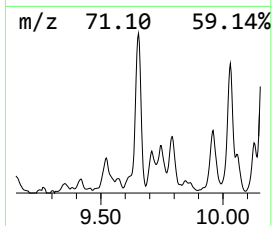
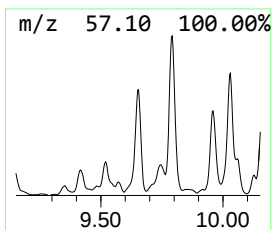
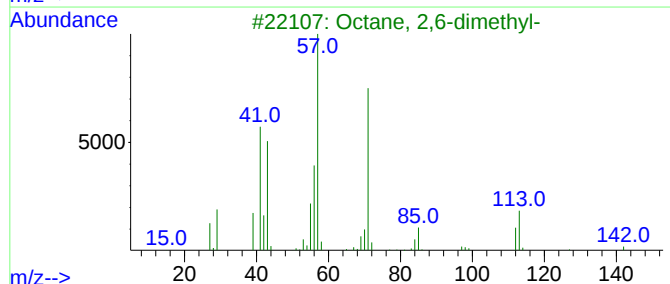
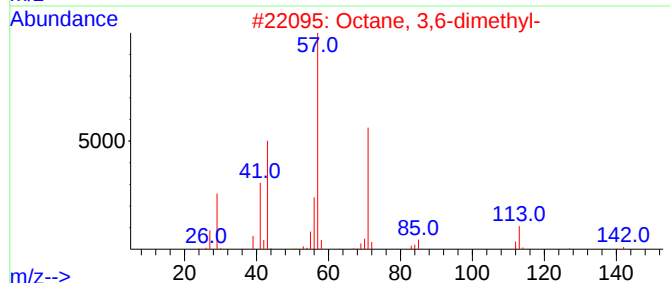
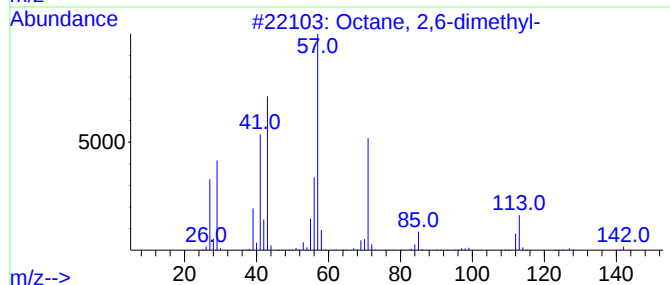
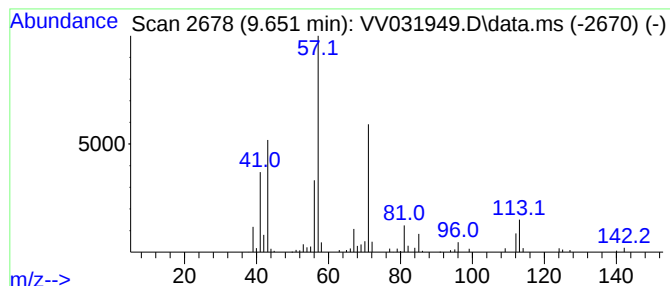
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	9.29 ug/L	144983	Chlorobenzene-d5	8.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	87
2	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	87
3	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	83
4	Nonane, 3-methyl-			142	C10H22	005911-04-6	80
5	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

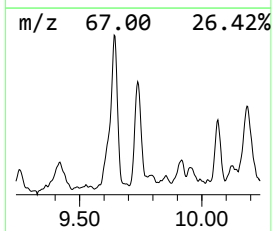
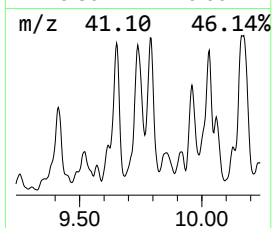
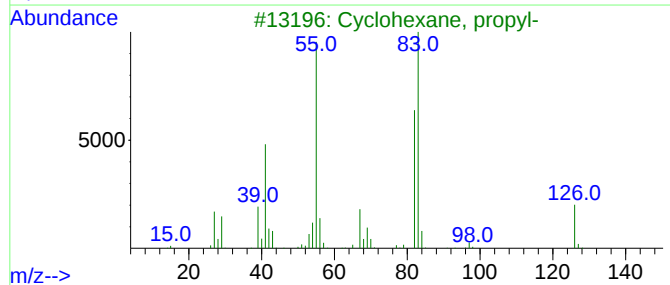
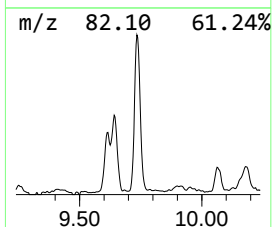
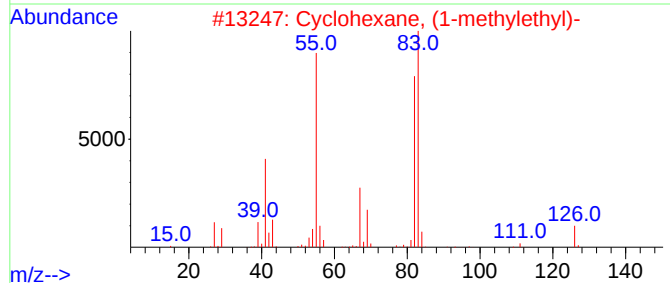
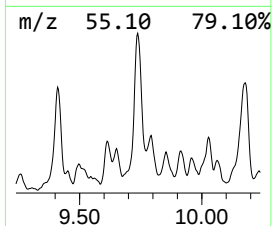
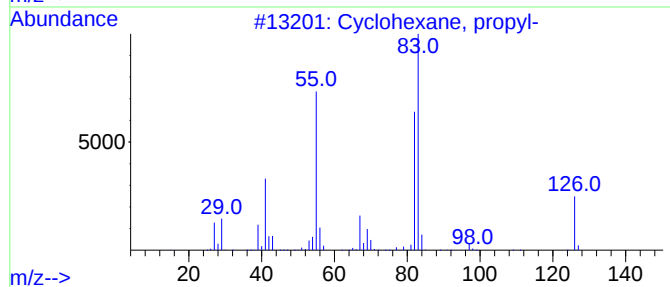
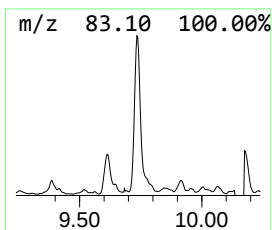
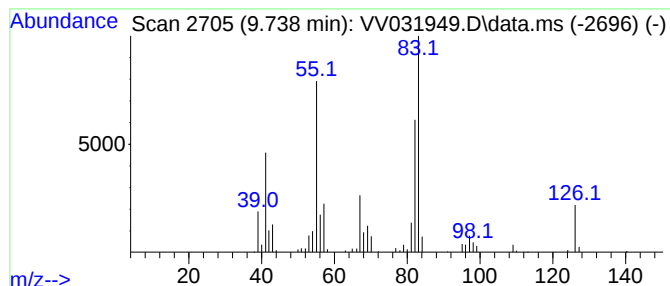
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic9.738 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.738	8.66 ug/L	135216	Chlorobenzene-d5	8.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

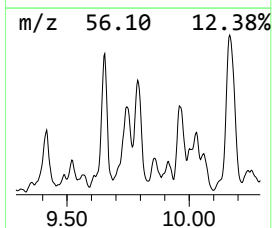
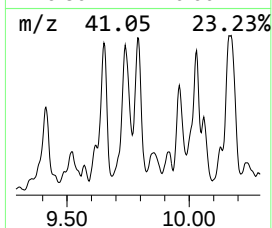
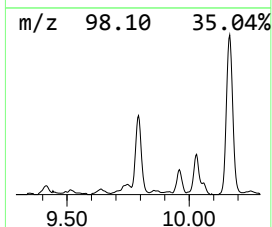
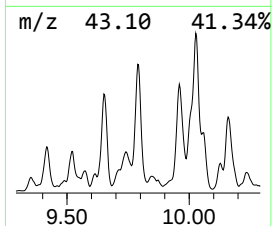
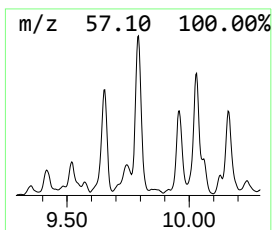
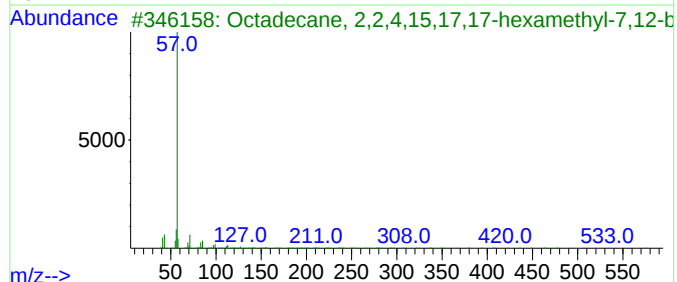
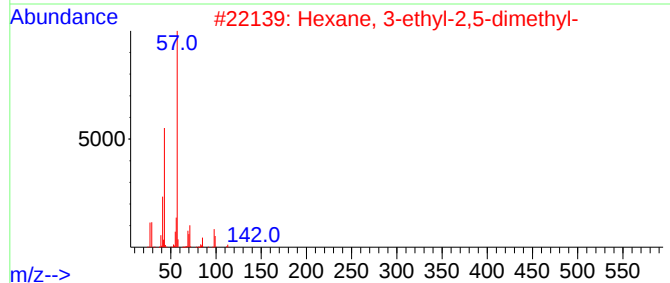
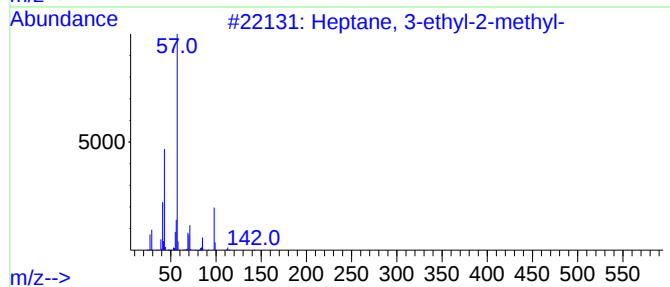
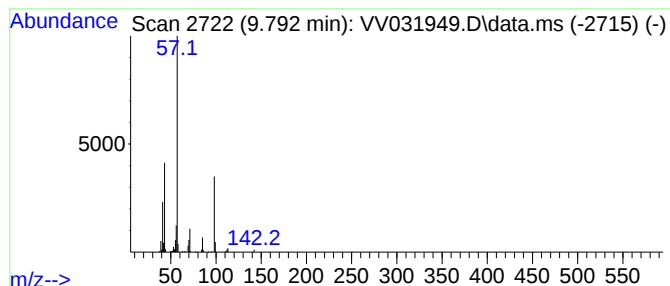
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	8.44 ug/L	131735	Chlorobenzene-d5	8.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	53
3			Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	47
4			Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	47
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

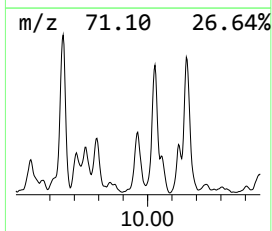
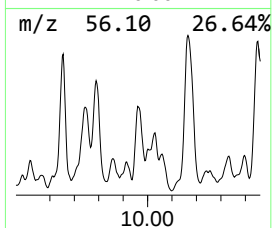
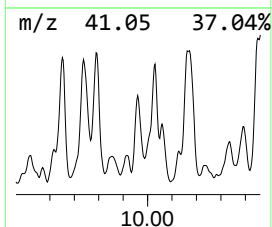
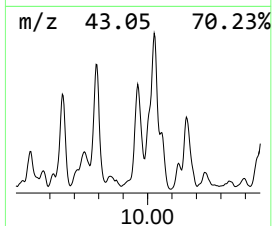
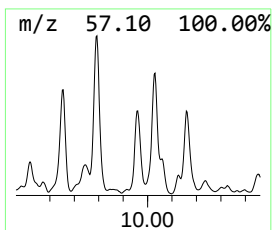
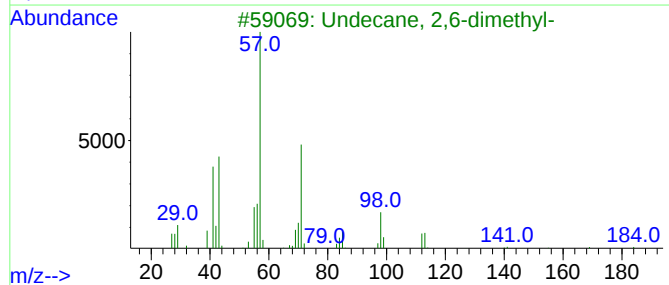
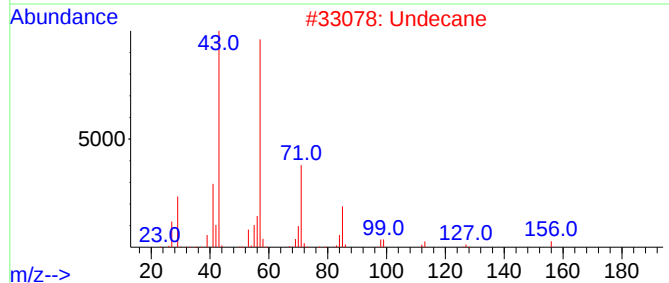
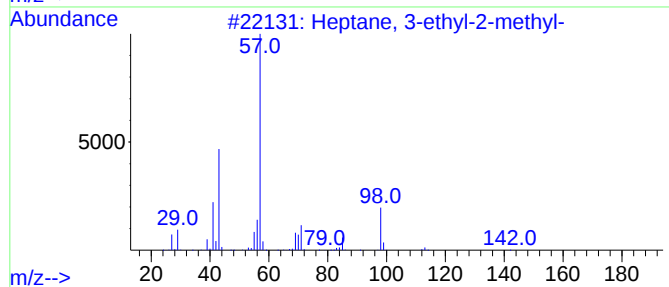
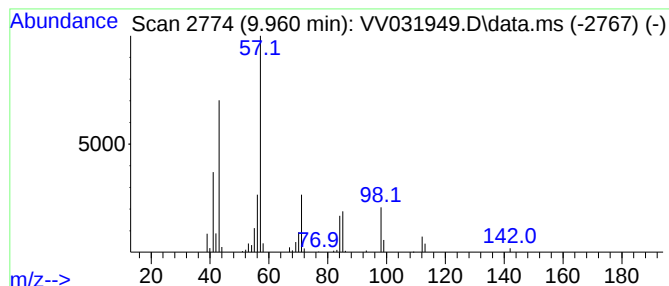
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.960	4.93 ug/L	76961	Chlorobenzene-d5	8.792

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
2		Undecane	156	C11H24	001120-21-4	50
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
4		Nonane, 2-methyl-	142	C10H22	000871-83-0	49
5		Decane	142	C10H22	000124-18-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

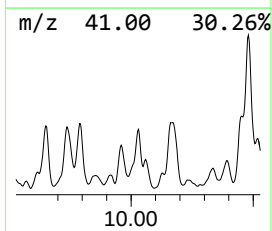
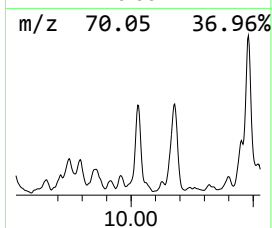
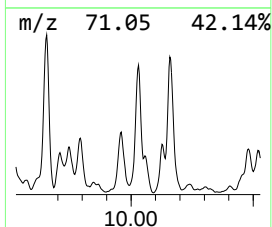
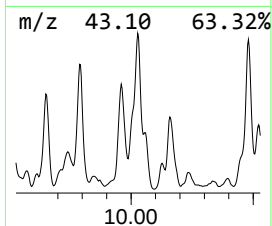
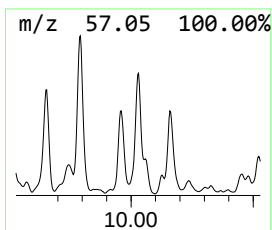
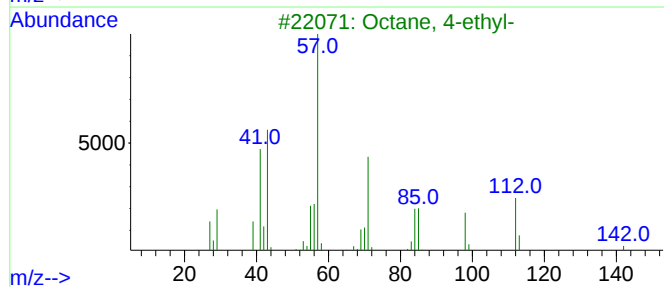
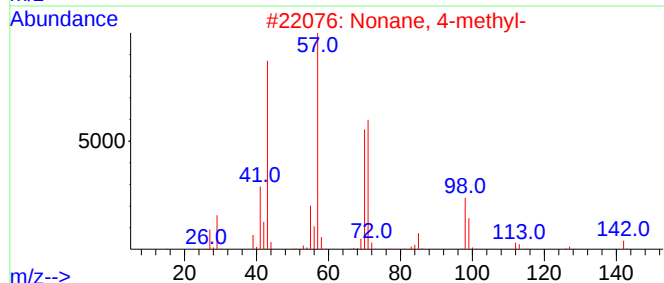
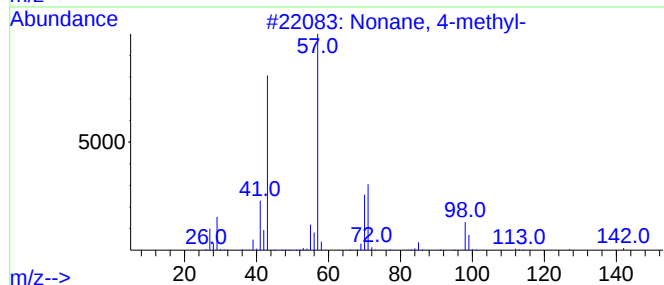
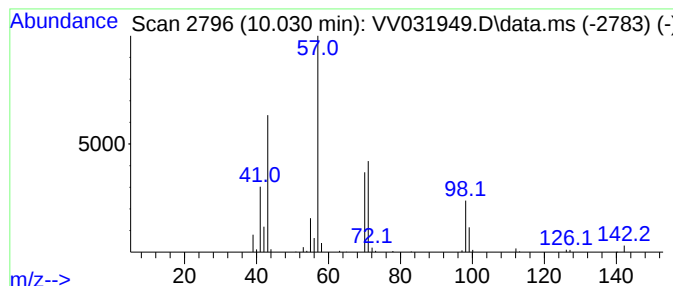
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.030	9.74 ug/L	135181	1,4-Dichlorobenzene-d4	11.194

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	72
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	64
4		Nonane, 4-methyl-	142	C10H22	017301-94-9	56
5		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

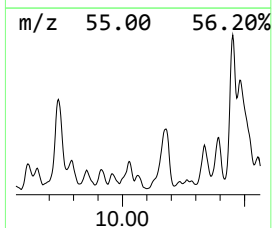
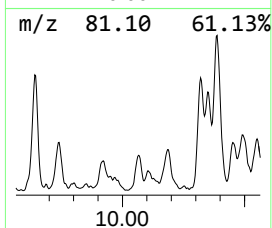
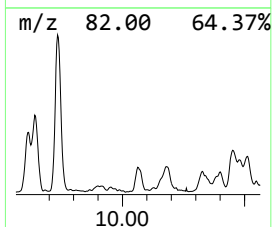
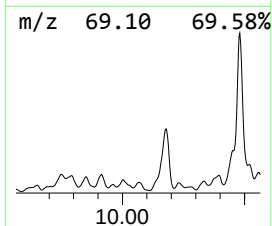
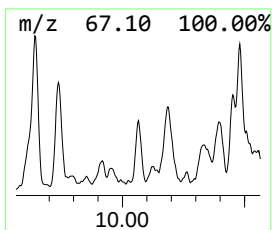
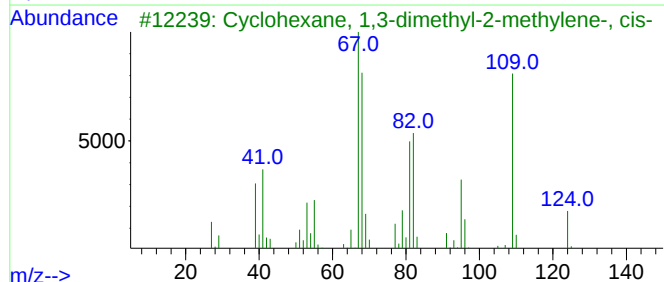
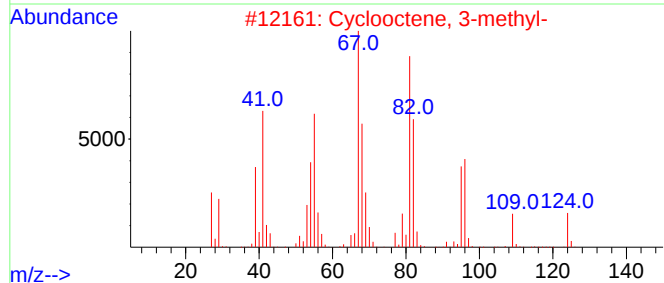
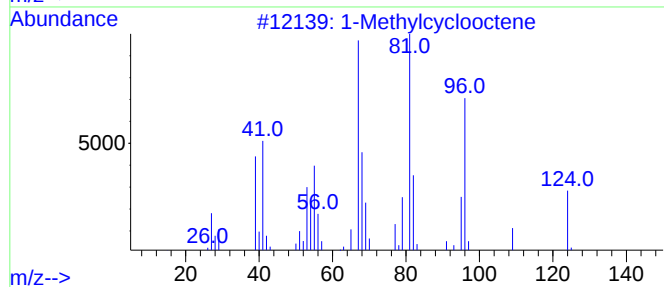
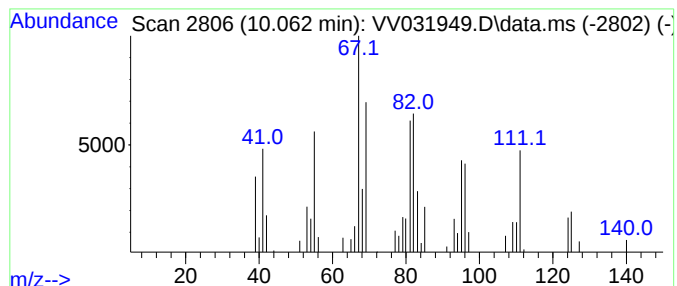
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 20 1-Methylcyclooctene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.063	4.06 ug/L	56331	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methylcyclooctene	124	C9H16	000933-11-9	80
2			Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	62
3			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	53
4			1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	50
5			3-Octyne, 2-methyl-	124	C9H16	055402-15-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

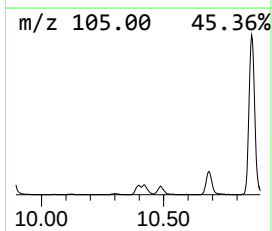
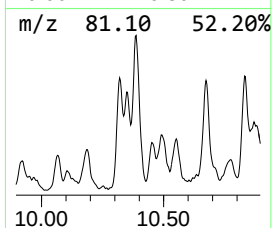
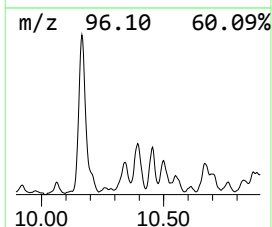
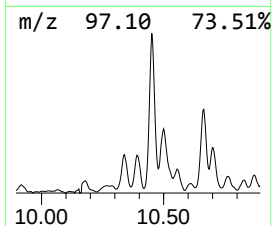
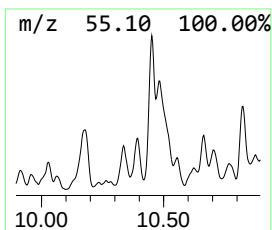
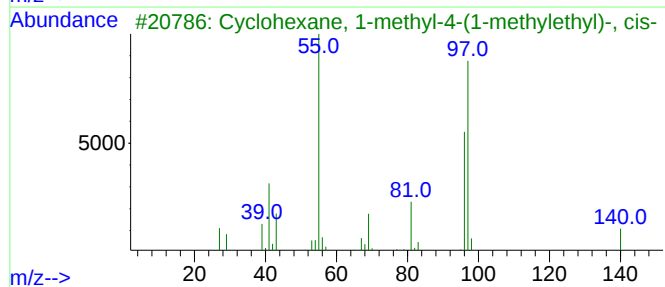
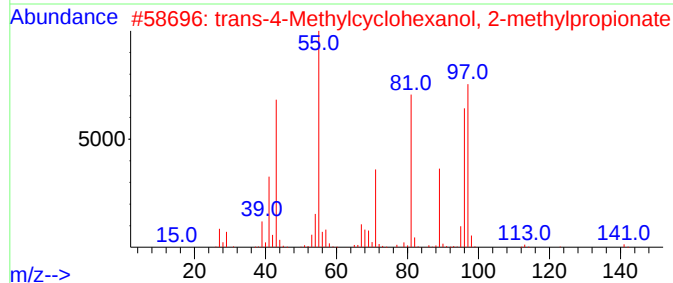
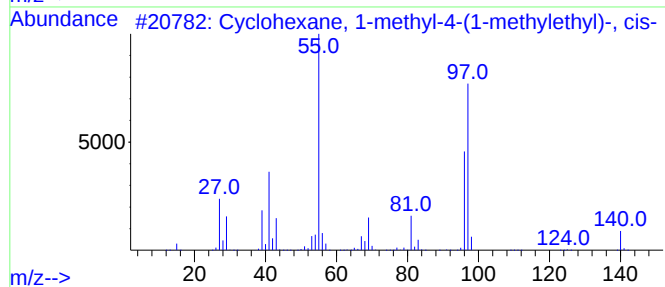
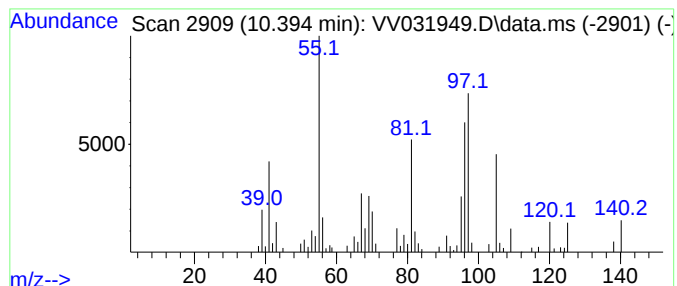
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Cyclic10.394 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.394	4.53 ug/L	62956	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	53
2			trans-4-Methylcyclohexanol, 2-me...	184	C11H20O2	1000447-34-1	50
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	50
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
5			Aziridine, 1-(2-methyl-1-propenyl)-	97	C6H11N	008039-93-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

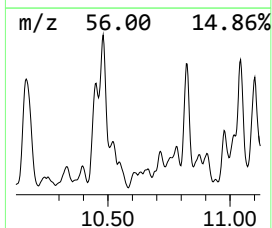
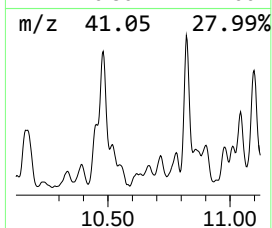
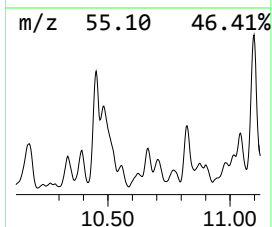
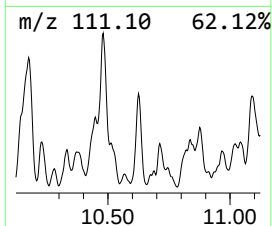
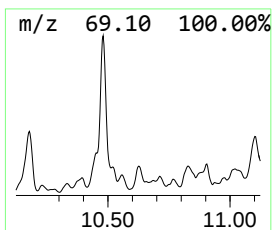
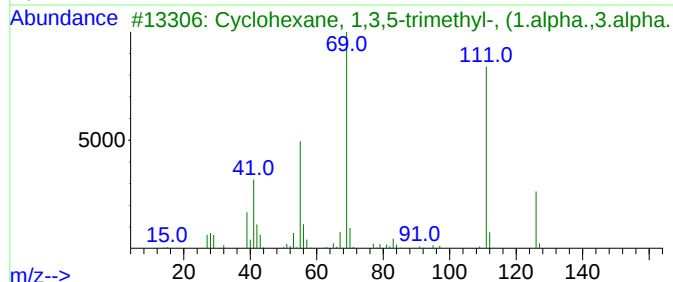
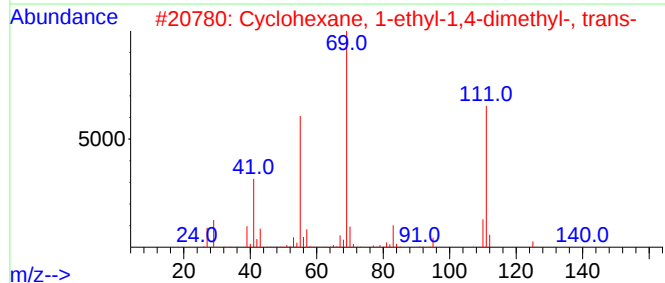
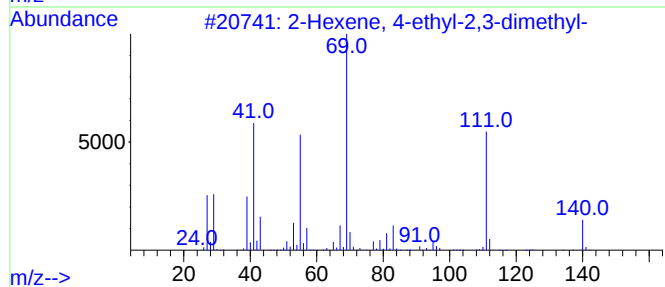
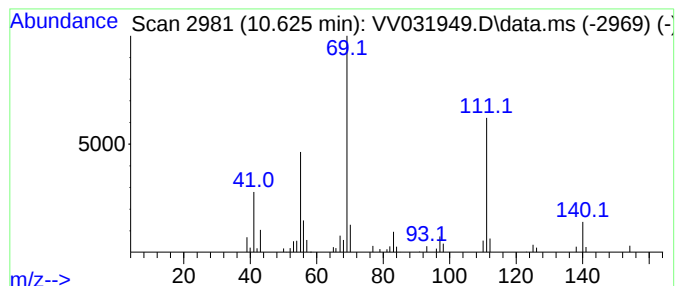
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.625	3.24 ug/L	44971	1,4-Dichlorobenzene-d4	11.194

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	80	
2	Cyclohexane, 1-ethyl-1,4-dimethyl...	140	C10H20	062238-32-8	72	
3	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	64	
4	2-Hexene, 4-methyl-, (E)-	98	C7H14	003683-22-5	49	
5	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	47	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

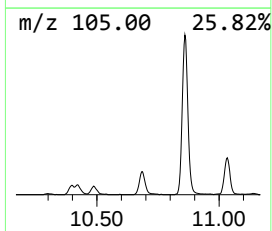
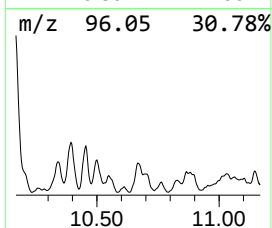
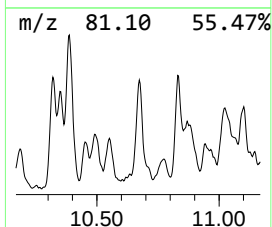
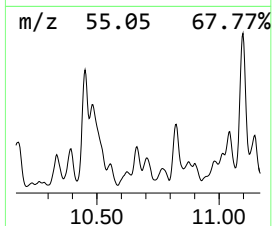
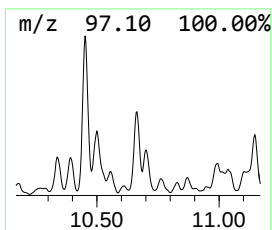
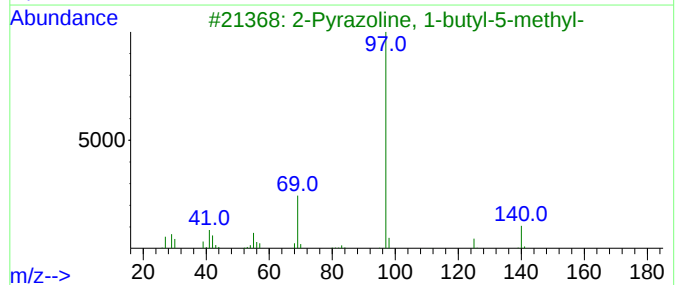
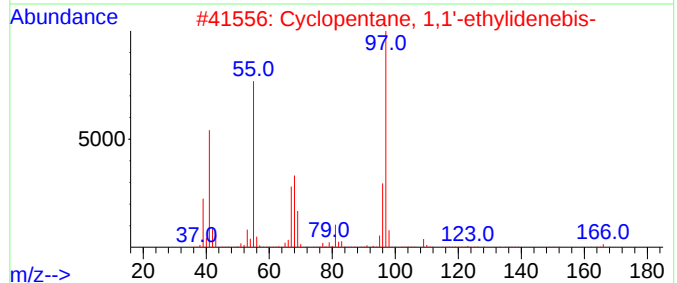
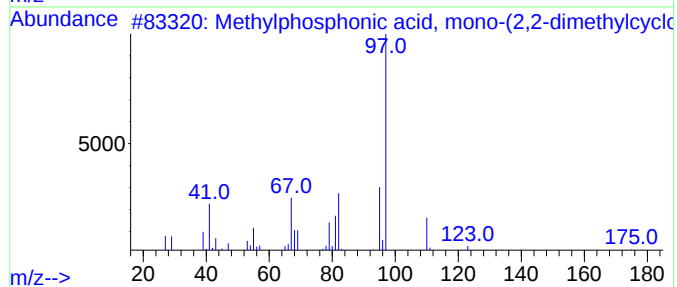
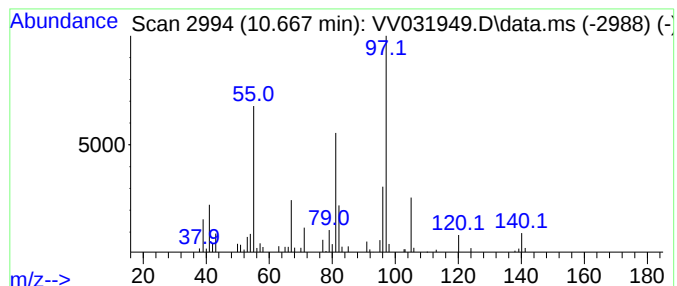
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 23 Methylphosphonic acid, mono... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.667	4.23 ug/L	58685	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methylphosphonic acid, mono-(2,2...	206	C9H19O3P	959027-86-2	50
2			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	40
3			2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	38
4			5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	37
5			Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

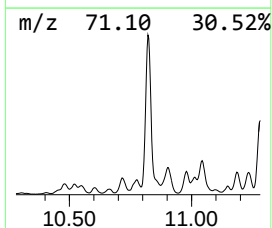
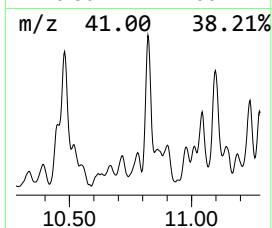
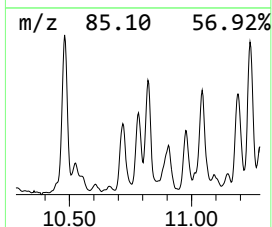
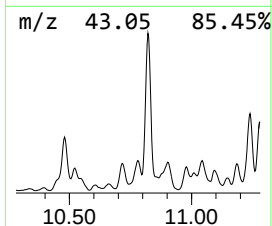
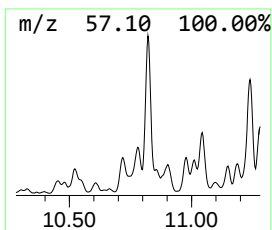
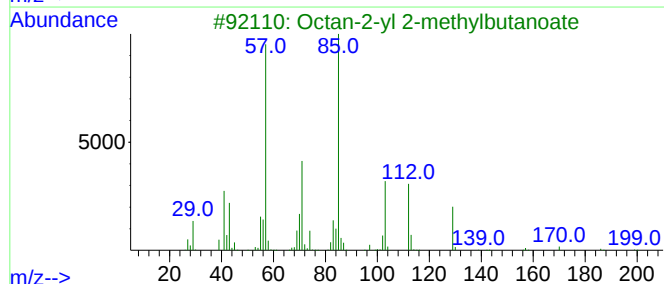
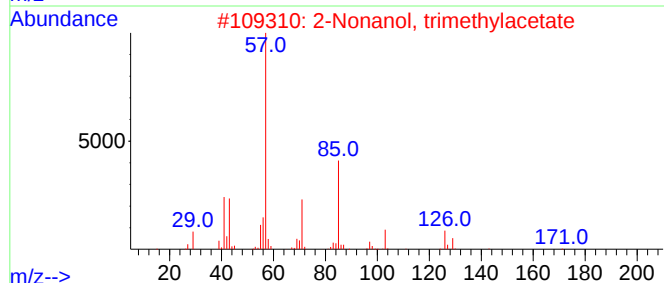
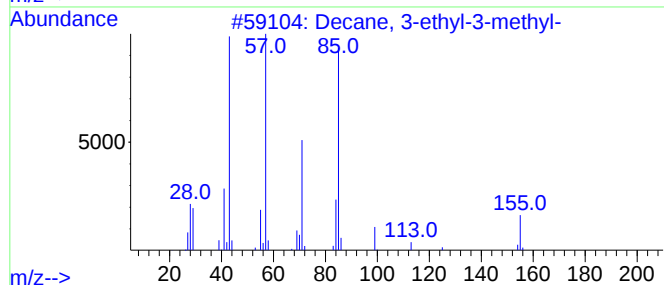
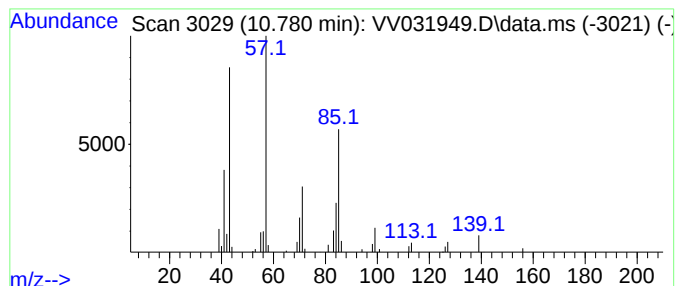
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.780	3.18 ug/L	44182	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	53
2			2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	50
3			Octan-2-yl 2-methylbutanoate	214	C13H26O2	1000372-74-3	47
4			4,4-Dimethyl octane	142	C10H22	015869-95-1	47
5			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

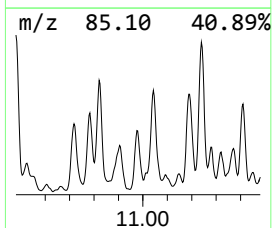
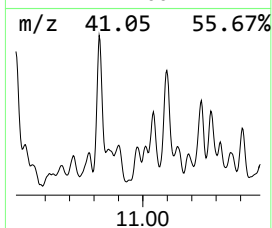
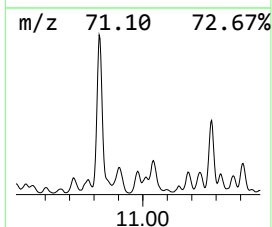
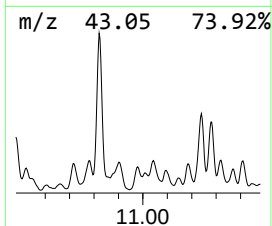
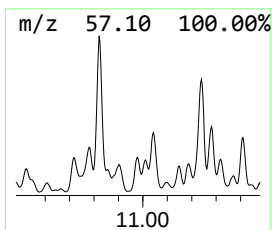
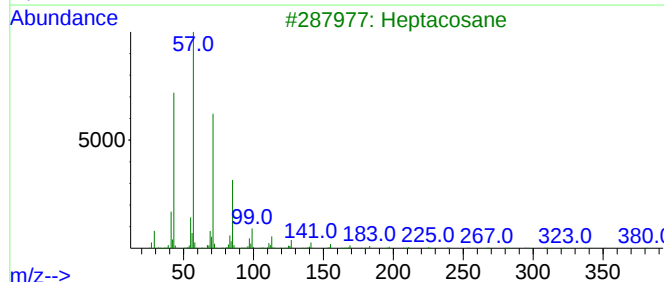
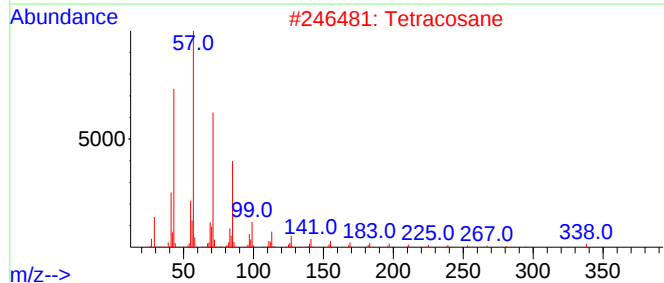
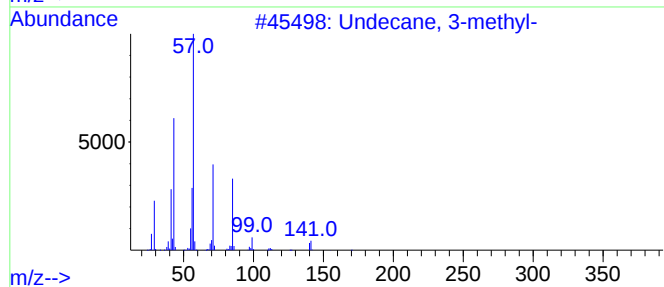
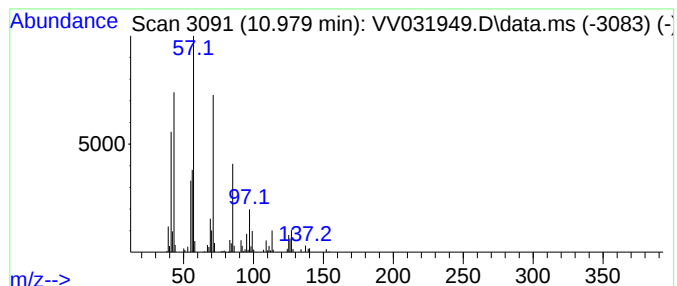
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.979	5.41 ug/L	75074	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	59
2			Tetracosane	338	C24H50	000646-31-1	53
3			Heptacosane	380	C27H56	000593-49-7	52
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	52
5			Eicosane	282	C20H42	000112-95-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

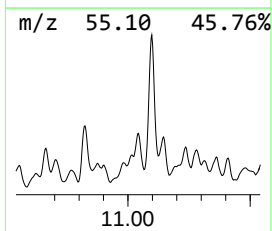
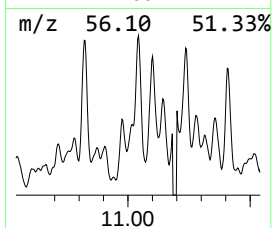
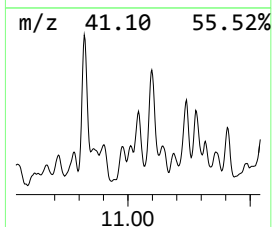
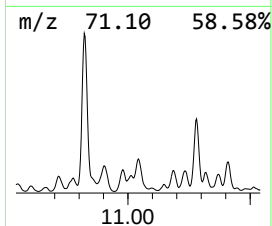
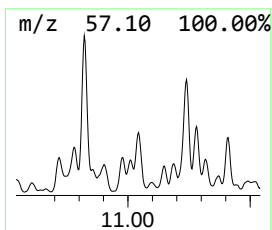
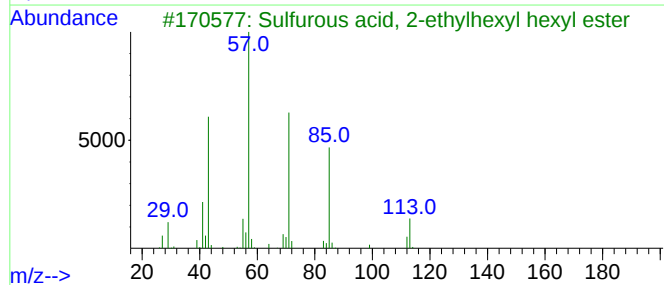
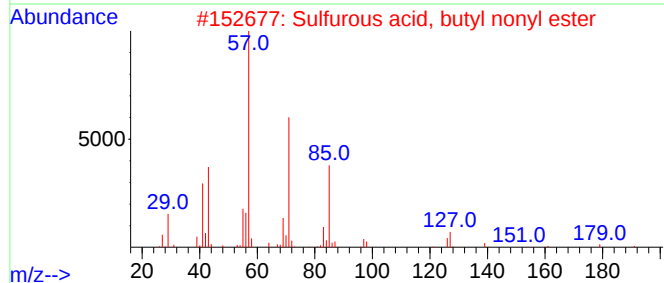
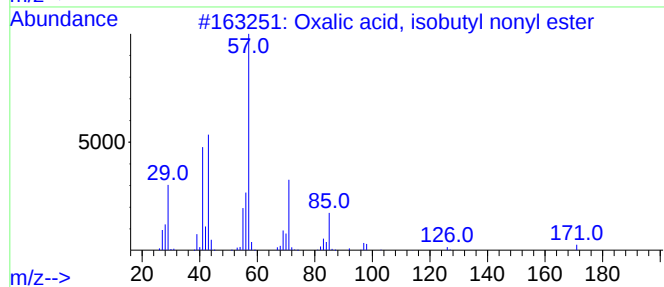
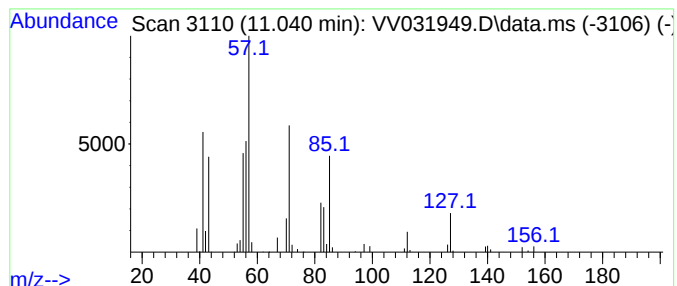
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 26 Oxalic acid, isobutyl nonyl... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.040	8.86 ug/L	123081	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	50
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	47
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	43
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

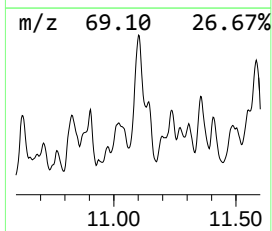
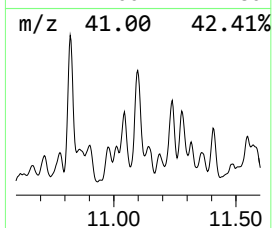
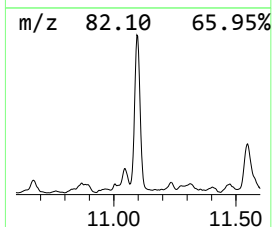
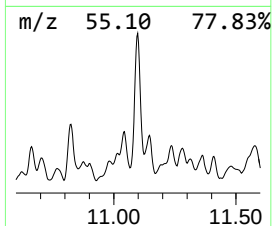
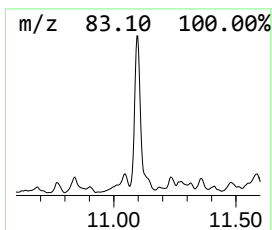
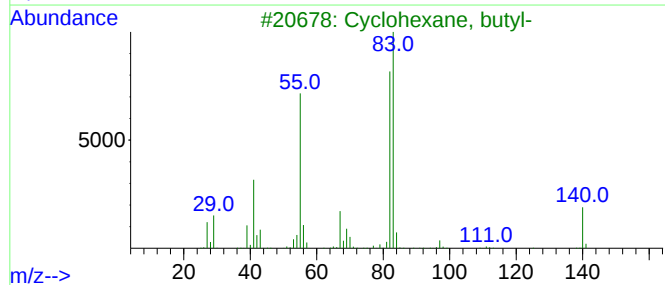
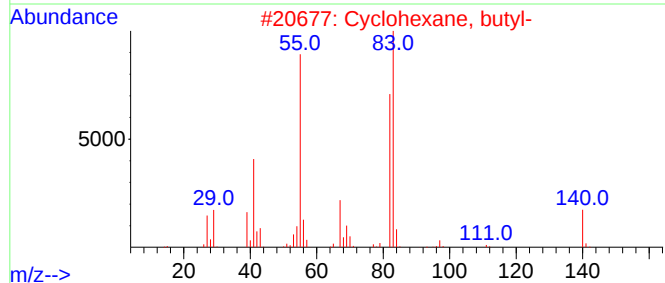
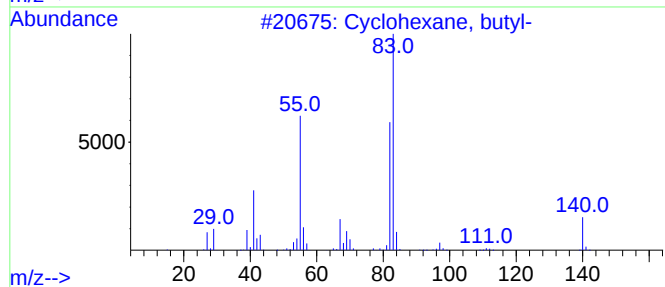
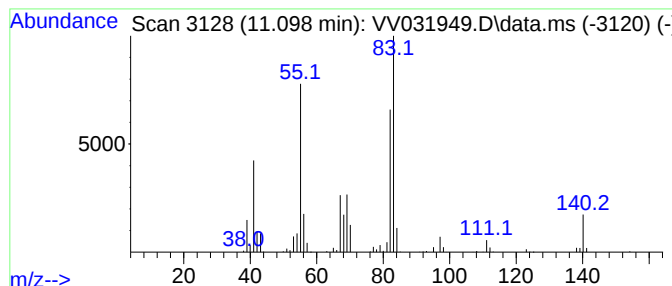
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Cyclic11.098 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.098	17.36 ug/L	240965	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	86
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	83
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	78
5			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

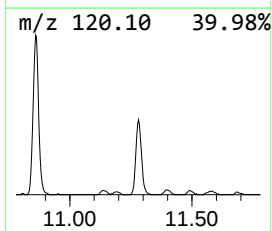
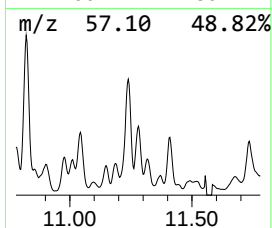
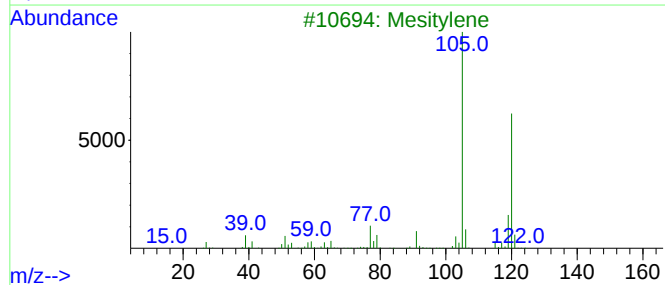
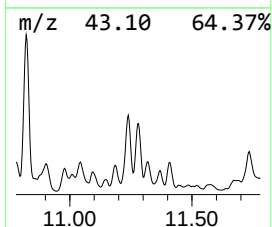
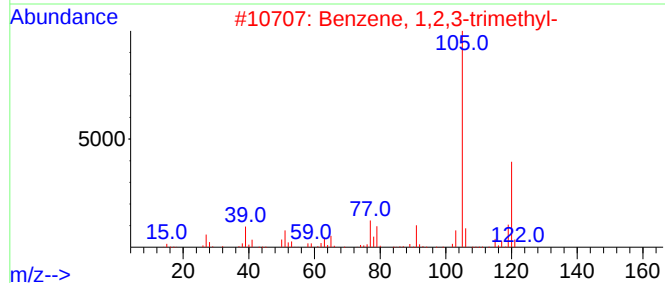
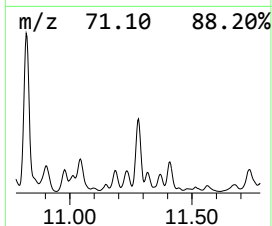
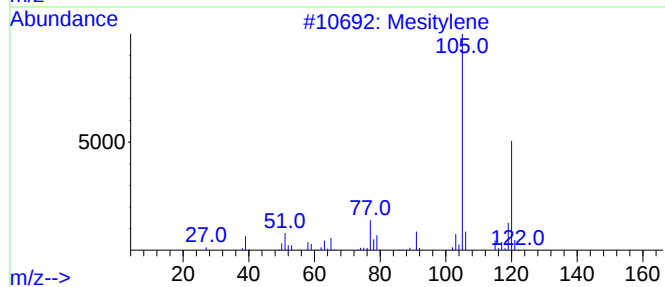
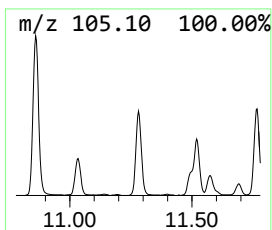
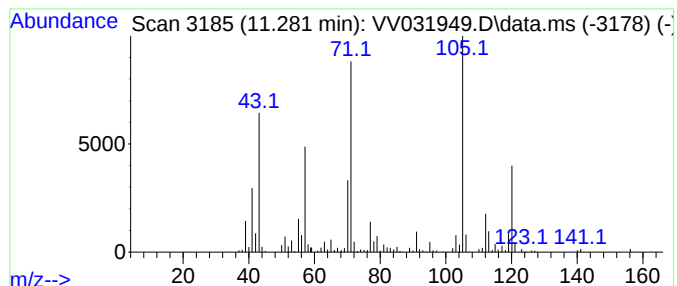
Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.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 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.281	13.20 ug/L	183274	1,4-Dichlorobenzene-d4			11.194
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	83
2	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	55
3	Mesitylene		120	C9H12	000108-67-8	49
4	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	42
5	Benzene, 1-ethyl-3-methyl-		120	C9H12	000620-14-4	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

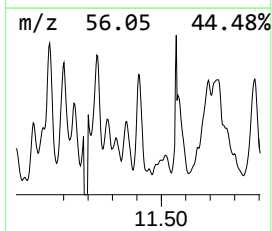
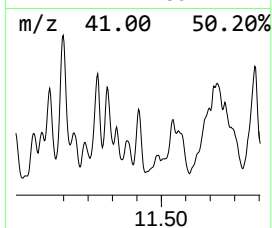
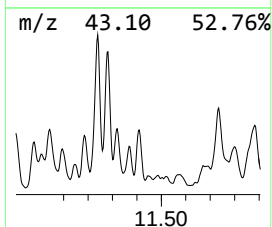
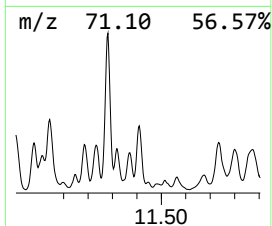
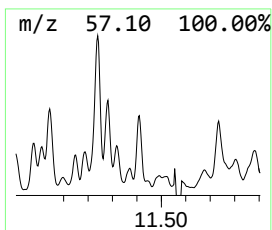
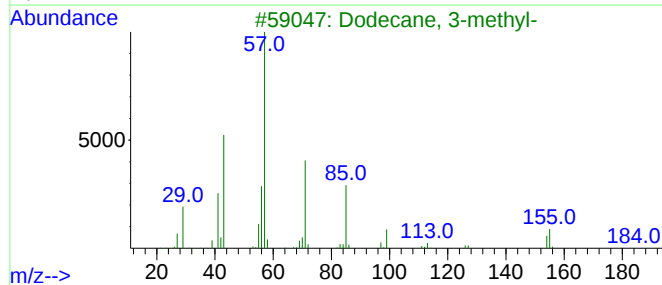
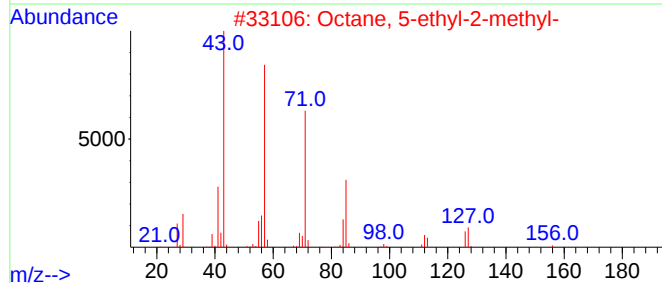
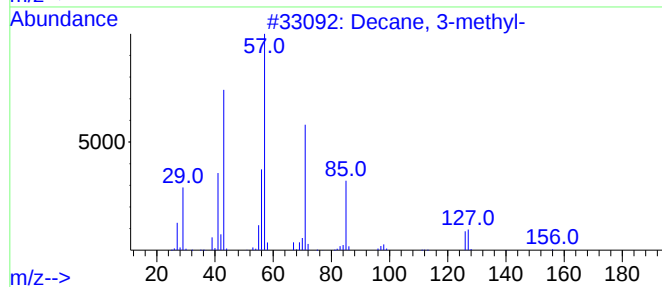
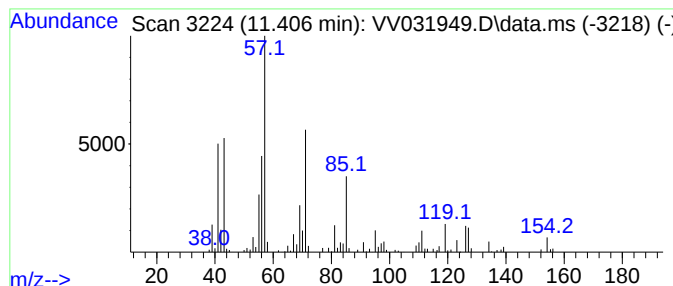
Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.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 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.406	9.38 ug/L	130257	1,4-Dichlorobenzene-d4			11.194
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	64
2	Octane, 5-ethyl-2-methyl-		156	C11H24	062016-18-6	50
3	Dodecane, 3-methyl-		184	C13H28	017312-57-1	47
4	Decane, 3-methyl-		156	C11H24	013151-34-3	47
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

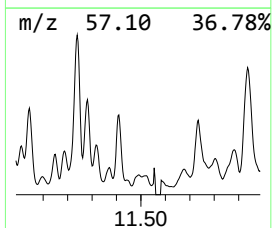
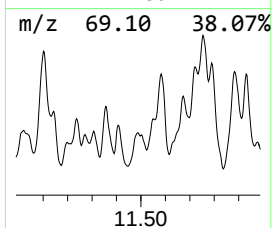
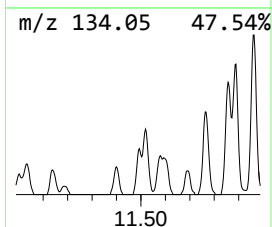
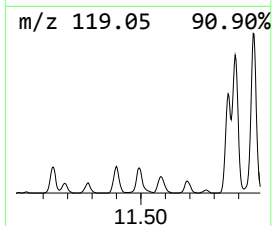
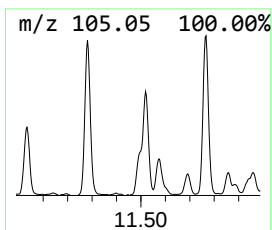
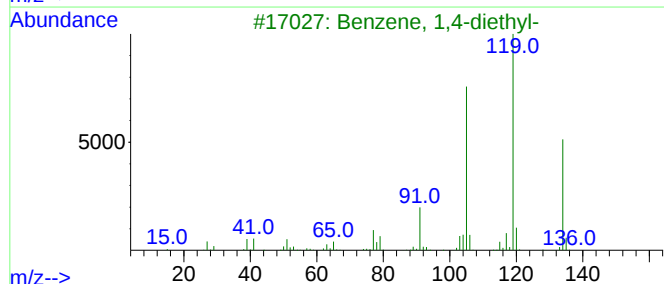
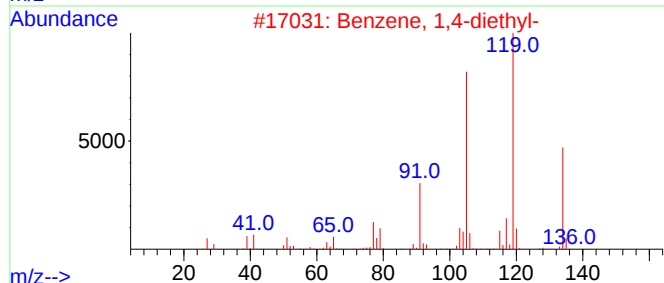
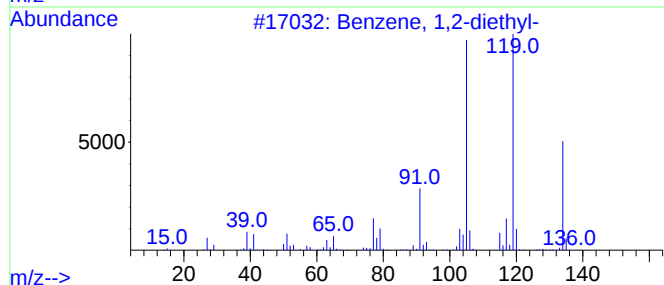
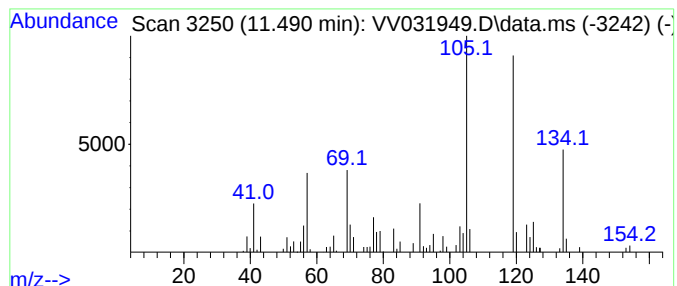
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 30 Benzene, 1,2-diethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.490	3.87 ug/L	53757	1,4-Dichlorobenzene-d4	11.194

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	87
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

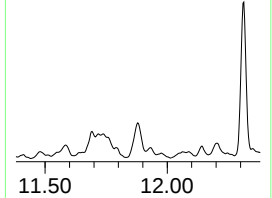
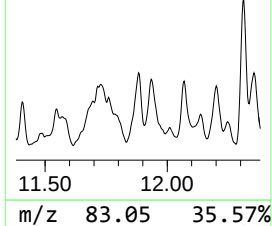
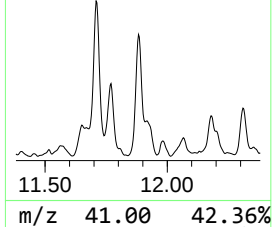
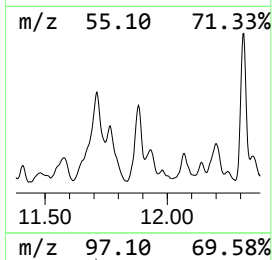
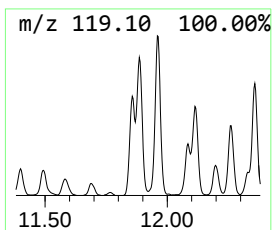
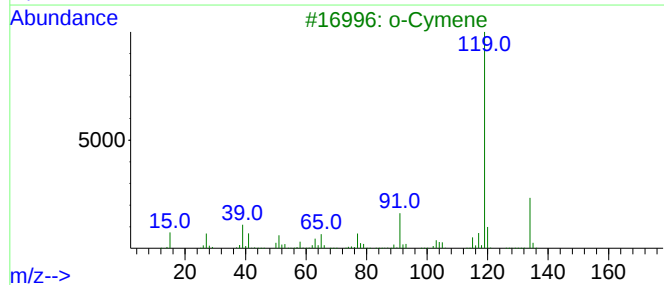
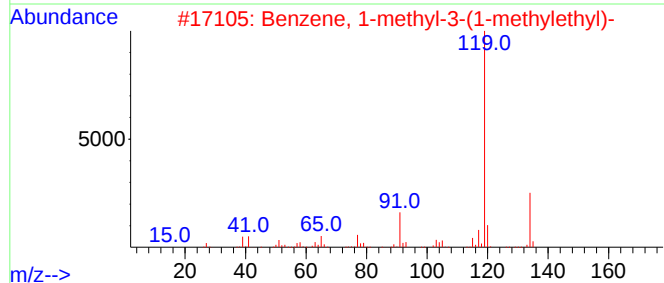
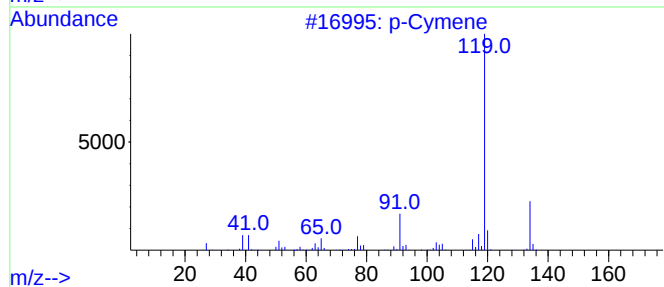
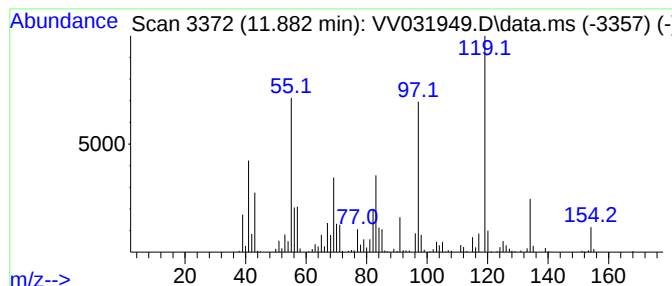
Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 31 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.882	32.70 ug/L	454017	1,4-Dichlorobenzene-d4			11.194
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	p-Cymene		134	C10H14	000099-87-6	83
2	Benzene, 1-methyl-3-(1-methylethyl)-		134	C10H14	000535-77-3	83
3	o-Cymene		134	C10H14	000527-84-4	83
4	o-Cymene		134	C10H14	000527-84-4	83
5	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

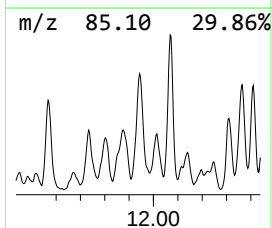
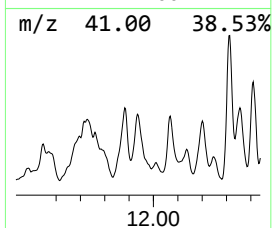
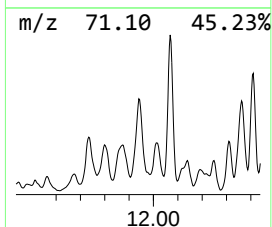
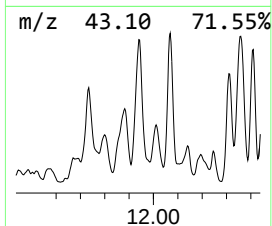
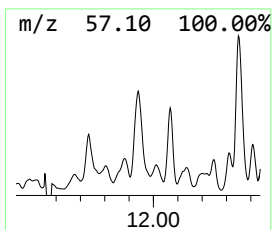
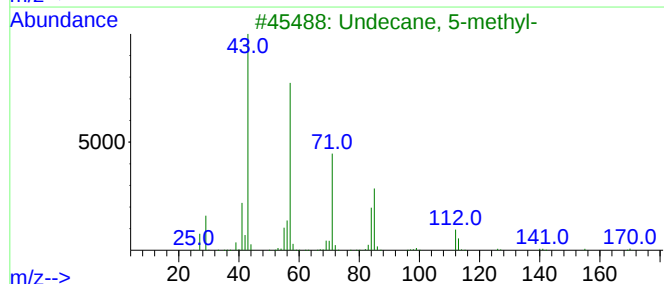
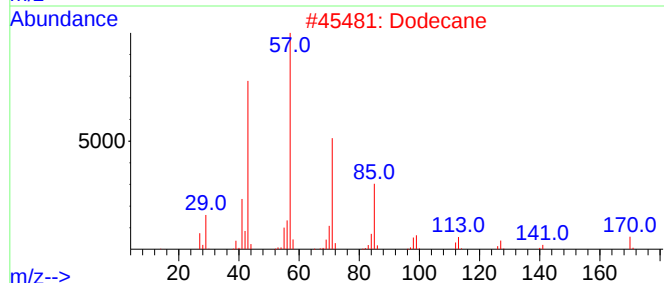
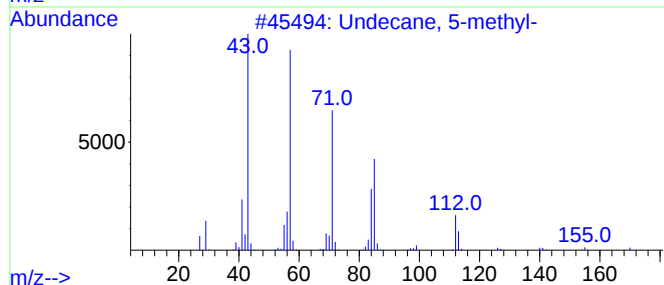
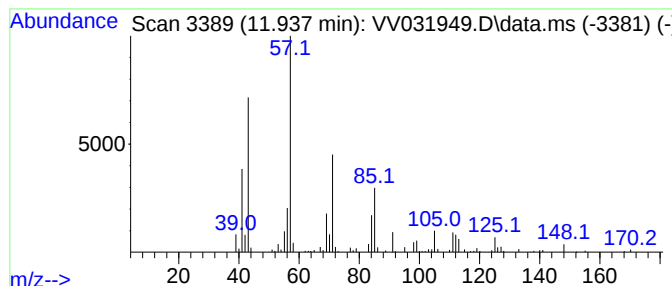
Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.937	9.36 ug/L	129921	1,4-Dichlorobenzene-d4			11.194
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-		170	C12H26	001632-70-8	70
2	Dodecane		170	C12H26	000112-40-3	68
3	Undecane, 5-methyl-		170	C12H26	001632-70-8	68
4	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	59
5	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

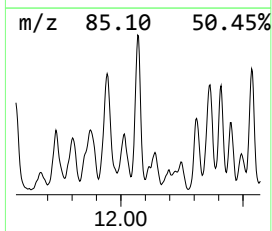
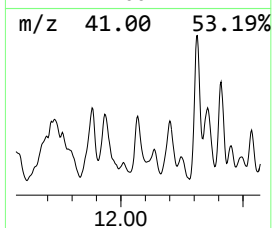
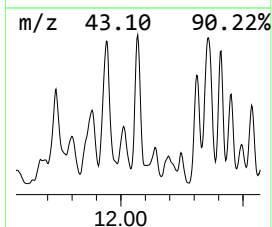
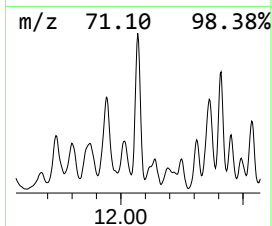
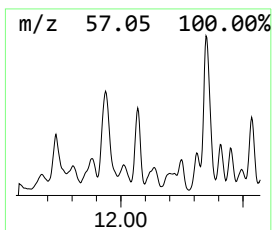
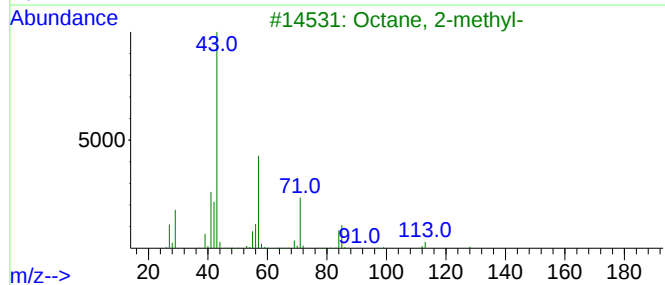
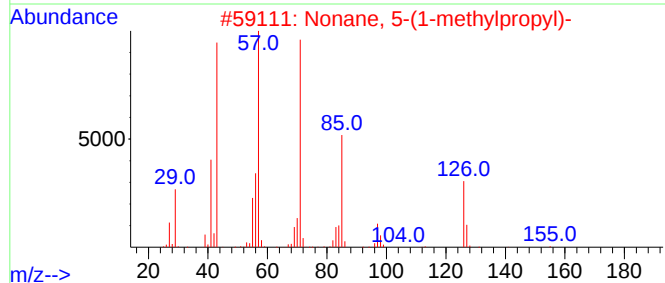
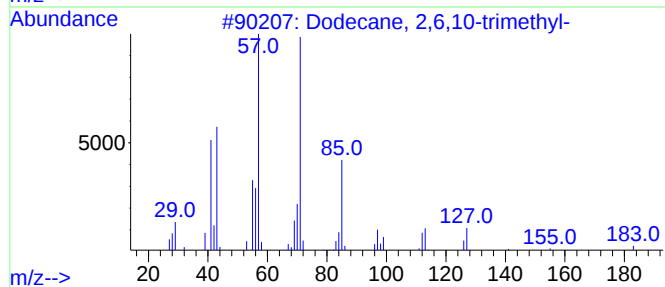
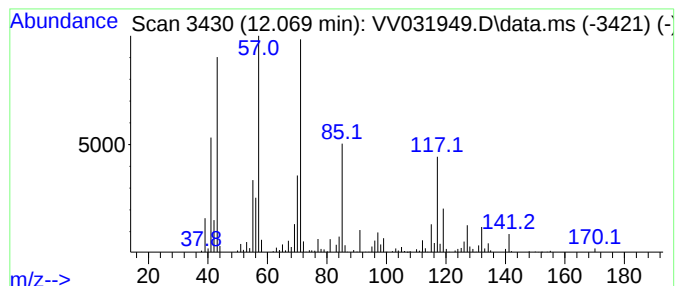
Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.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 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.069	20.68 ug/L	287179	1,4-Dichlorobenzene-d4		11.194	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	62
2	Nonane, 5-(1-methylpropyl)-		184	C13H28	062185-54-0	58
3	Octane, 2-methyl-		128	C9H20	003221-61-2	49
4	Nonane, 5-(2-methylpropyl)-		184	C13H28	062185-53-9	49
5	Undecane, 5-methyl-		170	C12H26	001632-70-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

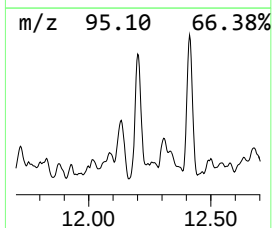
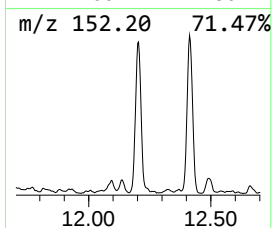
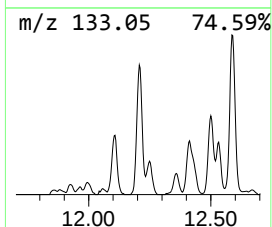
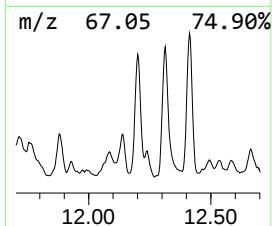
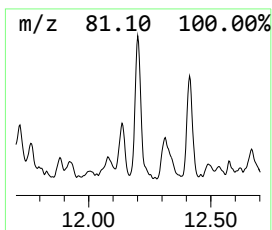
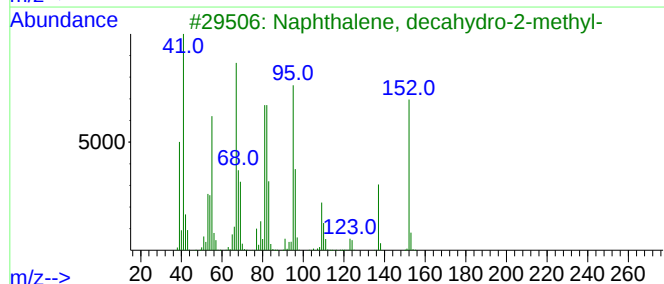
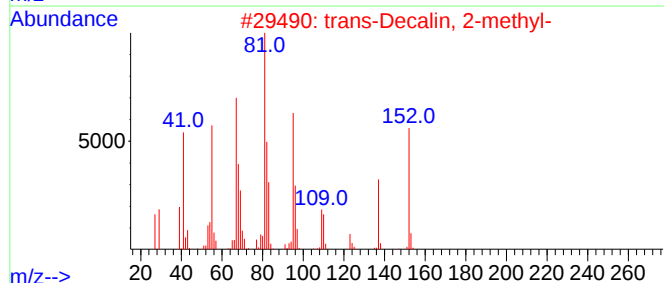
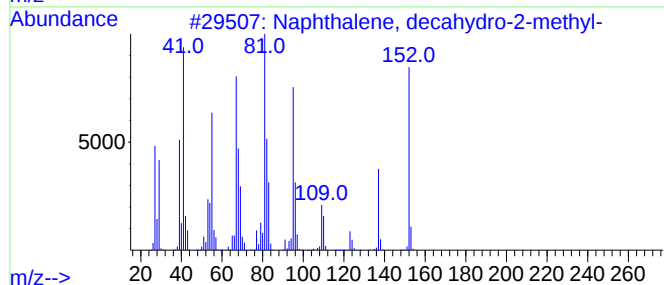
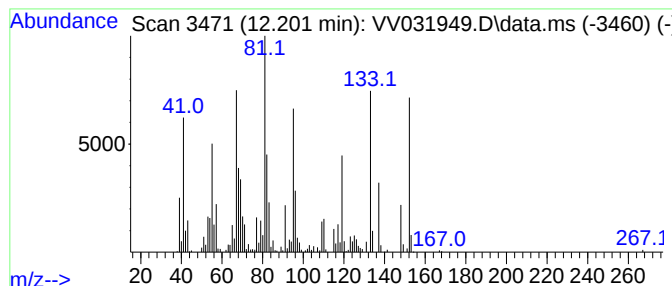
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 34 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.201	22.40 ug/L	310991	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	99
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	96
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	80
4			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	80
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

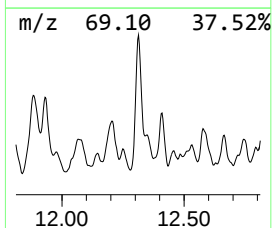
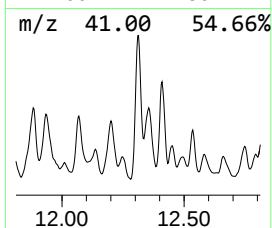
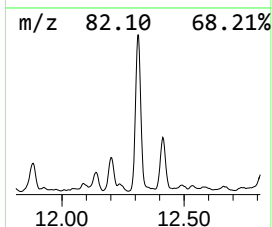
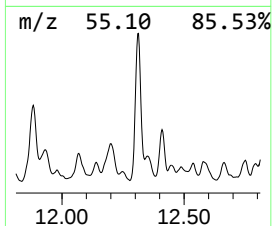
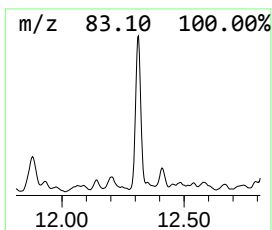
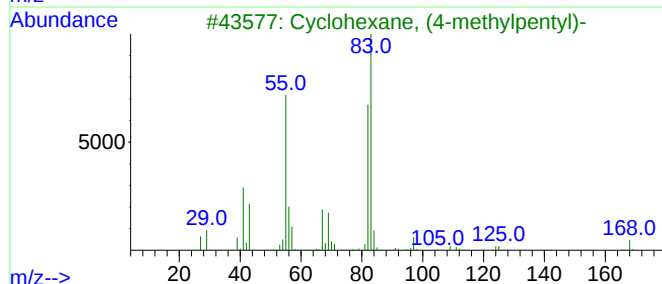
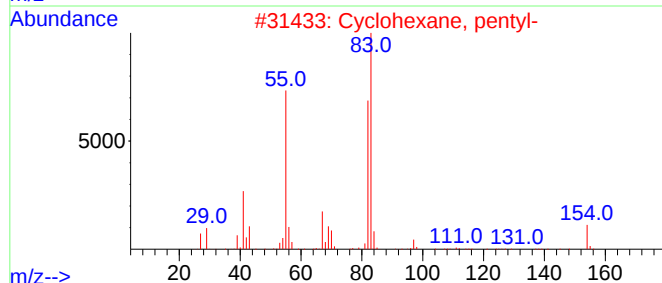
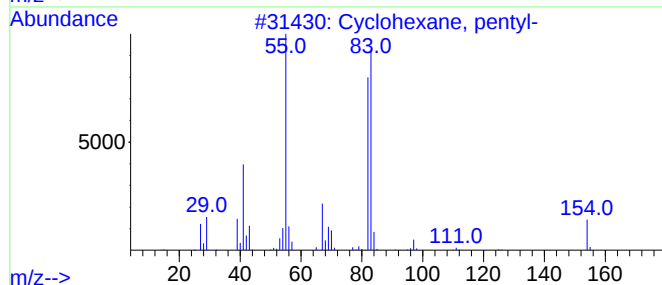
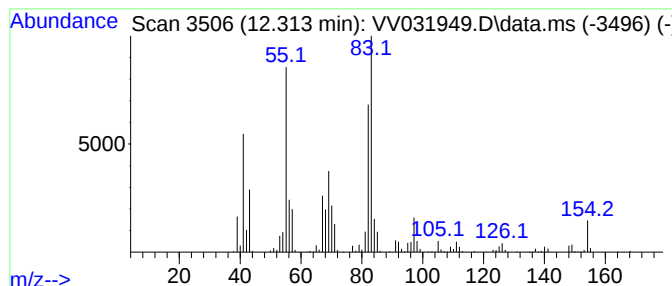
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 35 (DEL) Alkane: Cyclic12.313 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.313	35.61 ug/L	494424	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
3			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
5			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

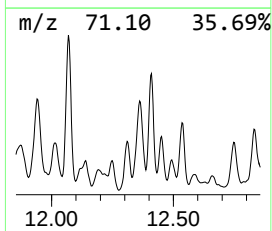
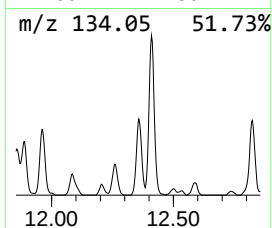
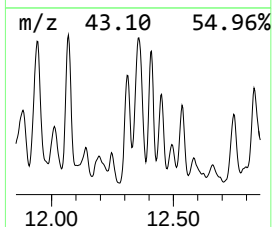
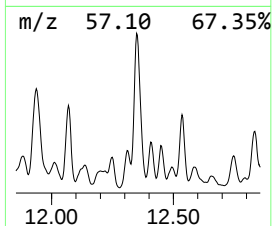
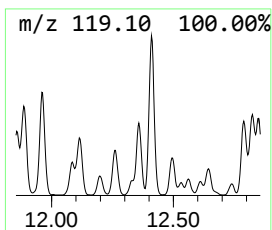
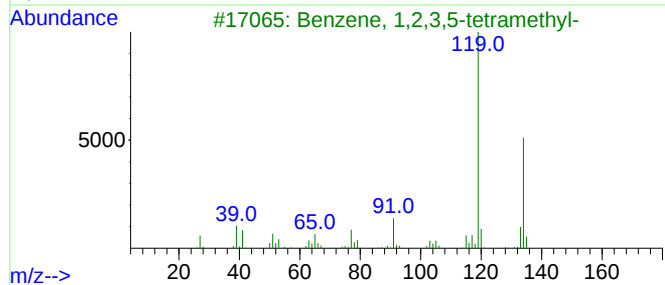
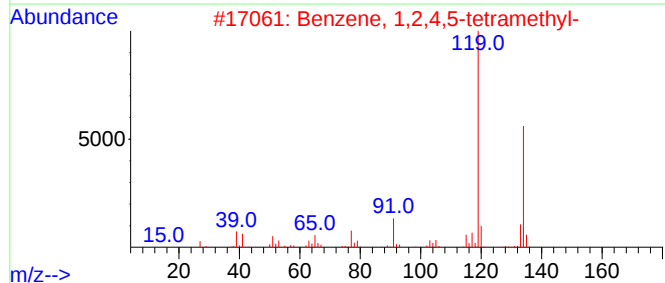
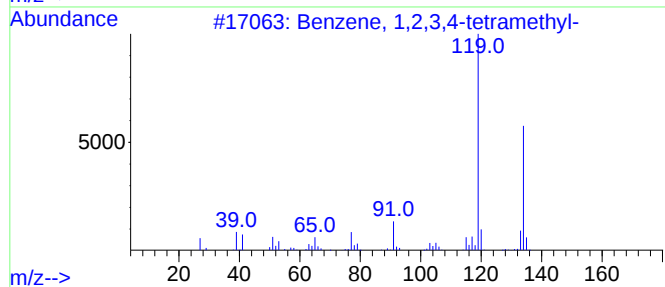
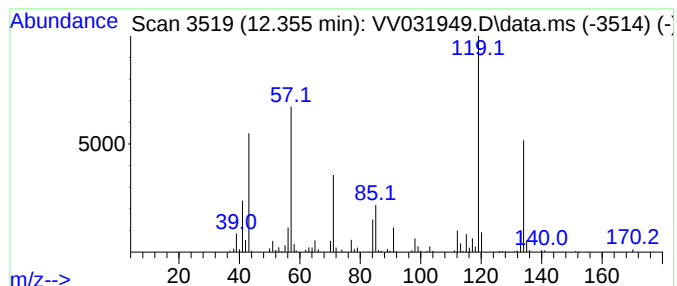
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 36 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.355	19.72 ug/L	273765	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

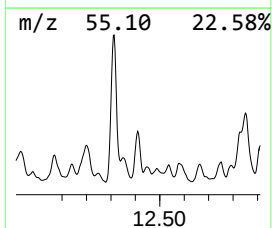
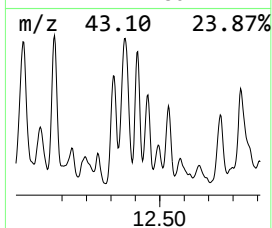
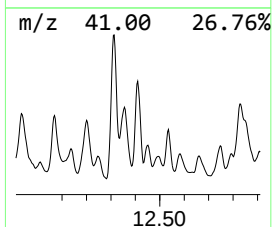
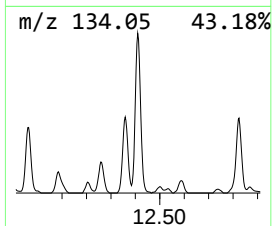
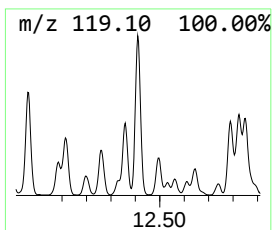
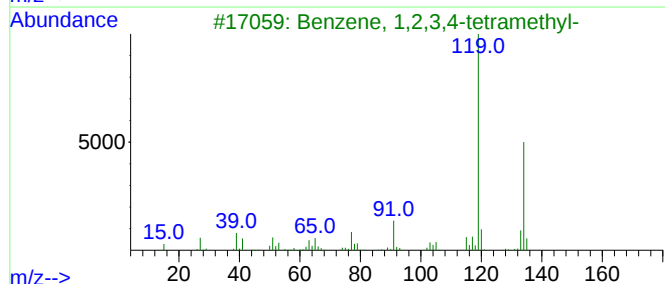
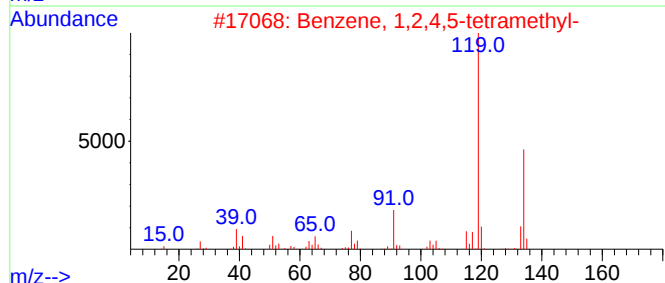
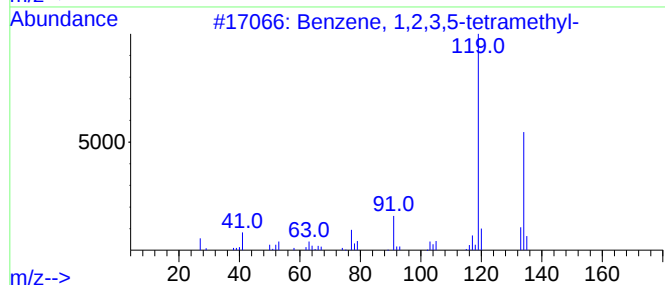
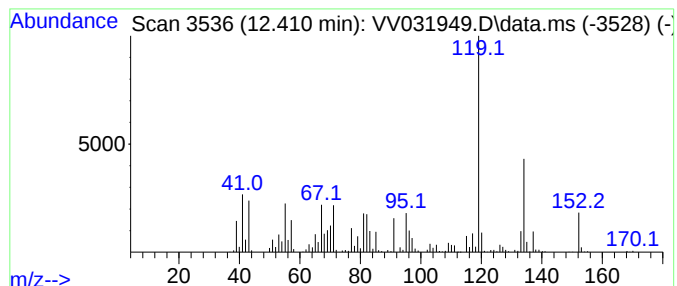
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 37 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	33.07 ug/L	459096	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	92
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	92
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	92
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

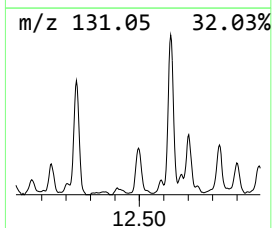
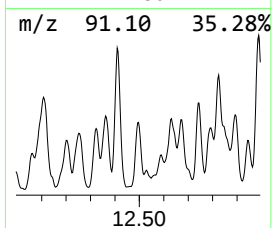
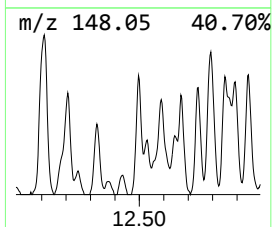
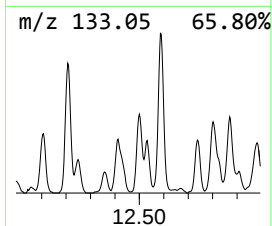
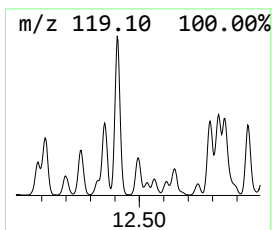
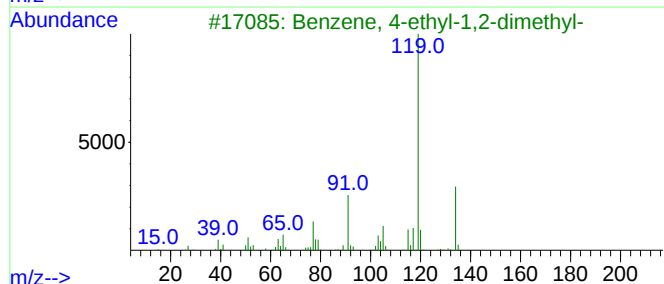
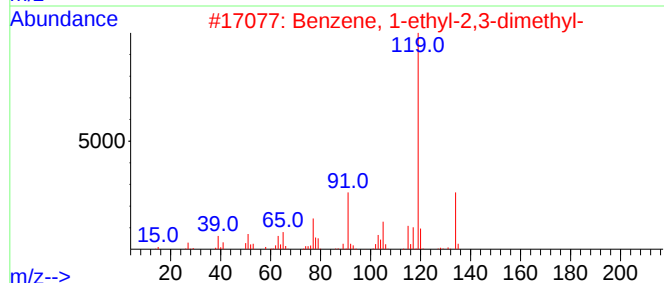
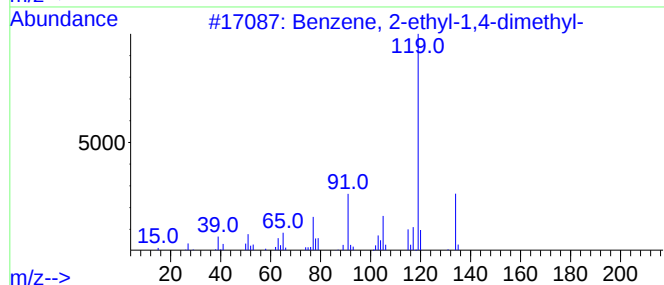
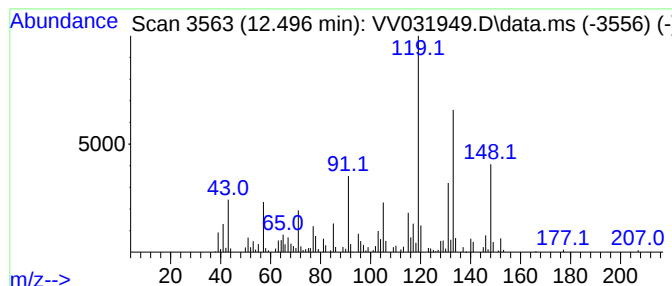
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 38 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.496	7.44 ug/L	103310	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	46
4			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	45
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

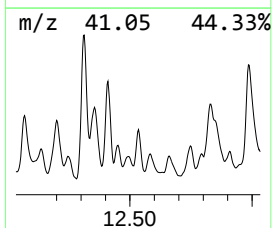
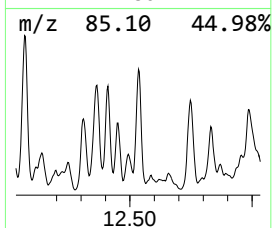
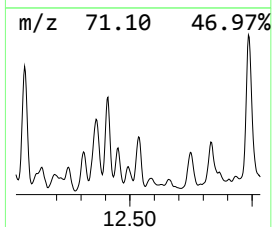
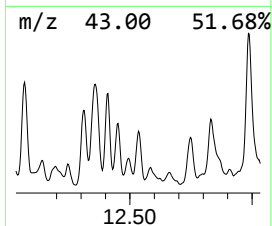
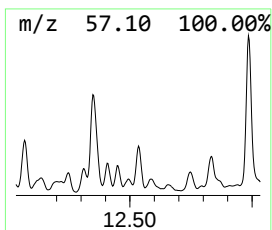
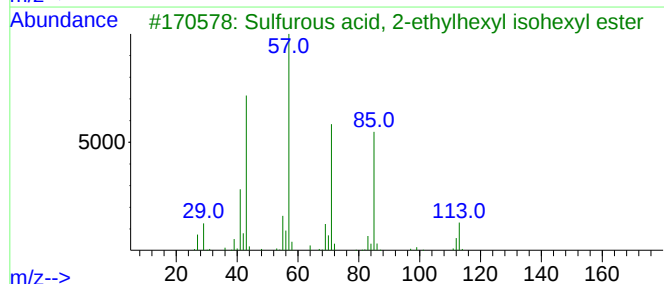
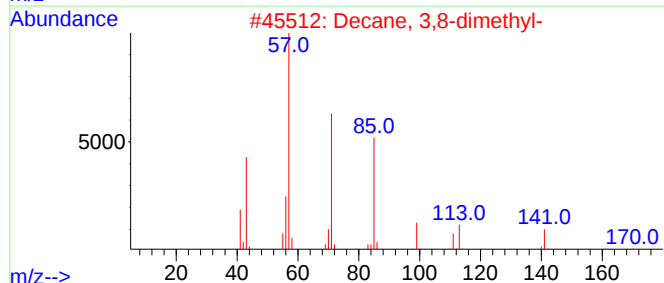
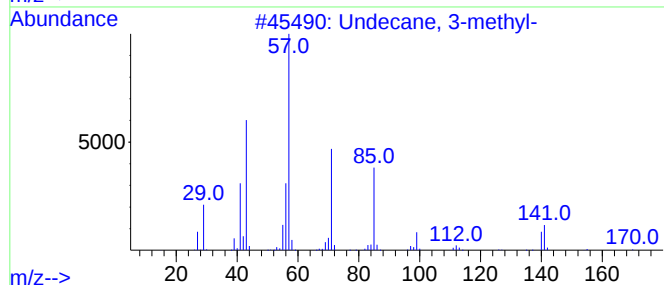
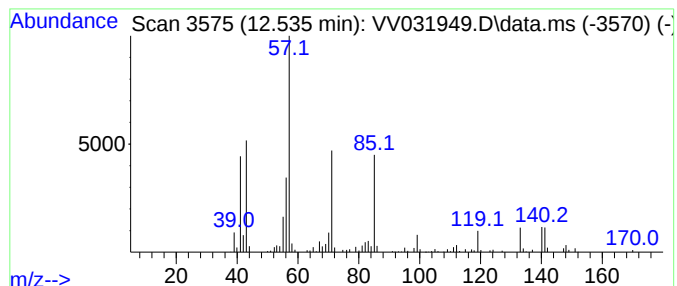
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.535	6.88 ug/L	95460	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	80
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	62
3			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43
4			Decane	142	C10H22	000124-18-5	43
5			5-Ethyldecane	170	C12H26	017302-36-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

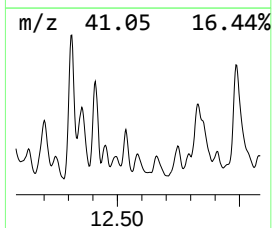
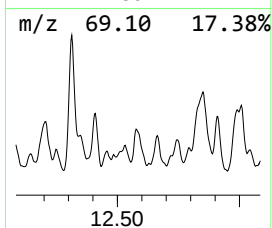
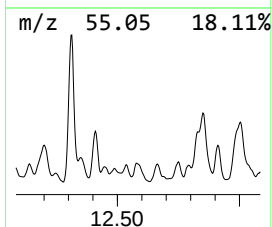
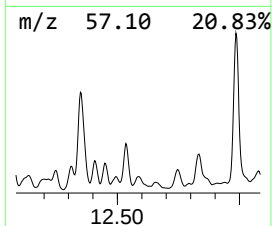
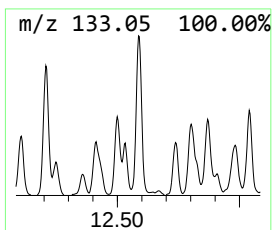
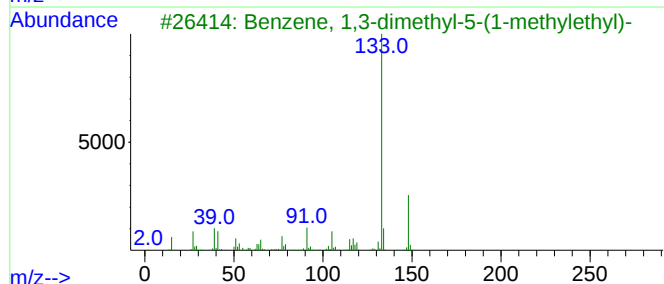
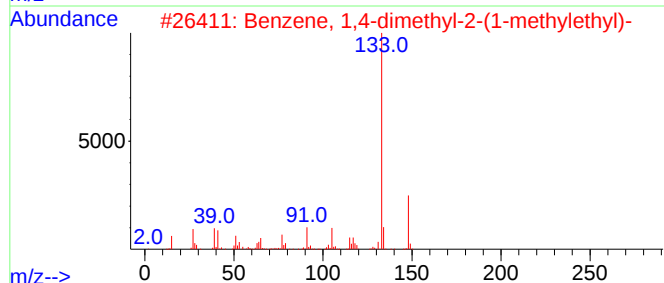
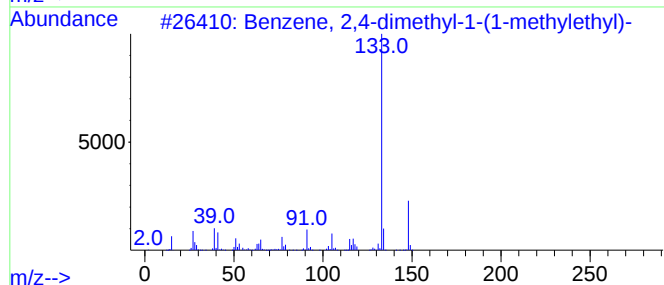
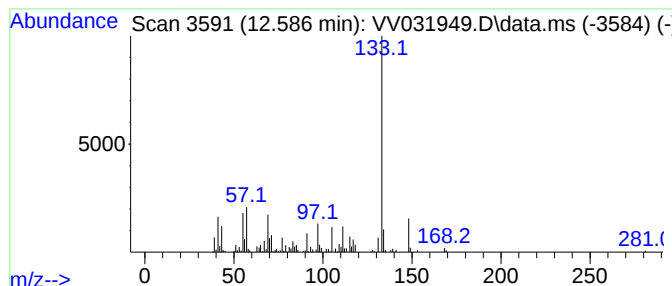
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 40 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	6.09 ug/L	84561	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	76
2			Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	74
3			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	74
4			4-tert-Butyltoluene	148	C11H16	000098-51-1	62
5			2,4,6-Trimethylbenzyl mercaptan,...	236	C14H20OS	1010469-60-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

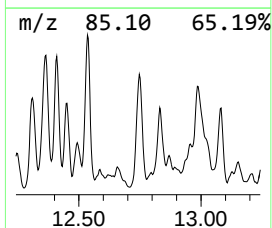
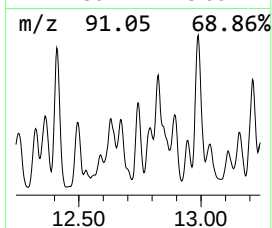
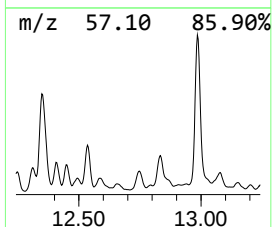
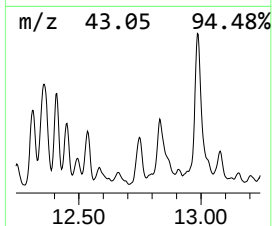
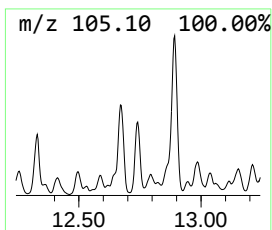
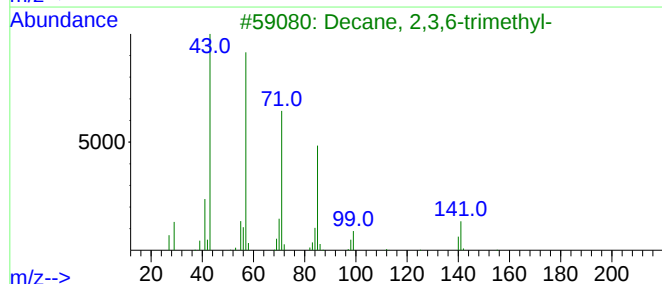
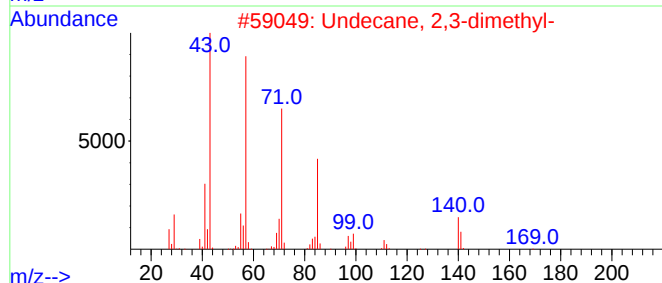
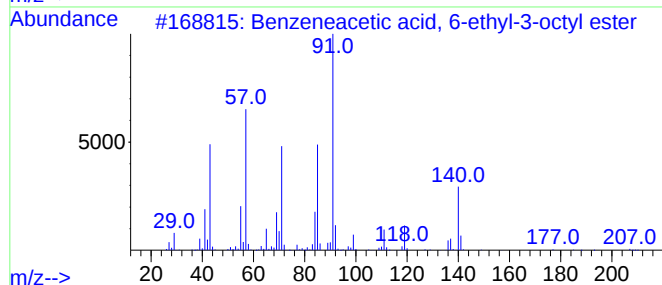
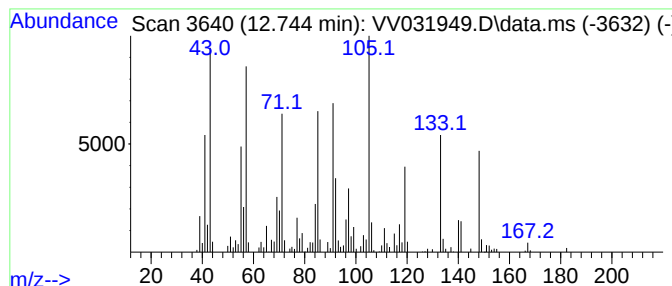
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 41 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.744	10.05 ug/L	139563	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneacetic acid, 6-ethyl-3-oc...	276	C18H28O2	1000282-64-0	38
2			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	27
3			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	25
4			Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	22
5			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

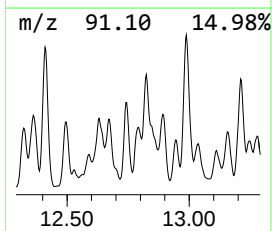
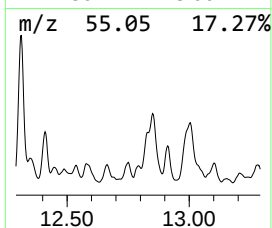
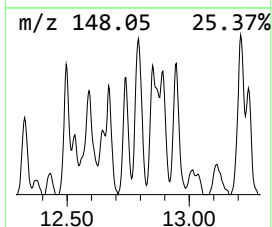
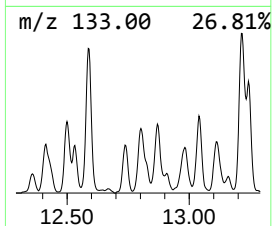
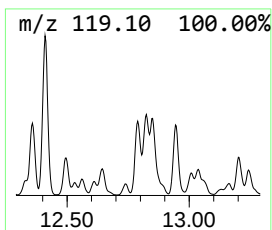
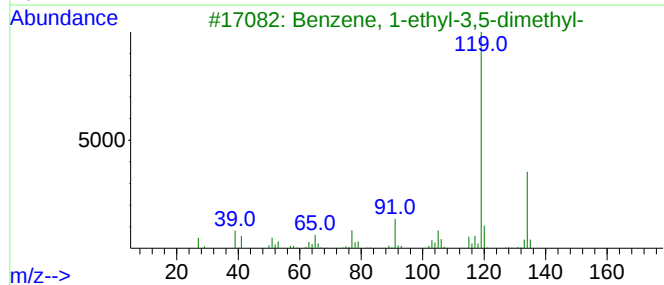
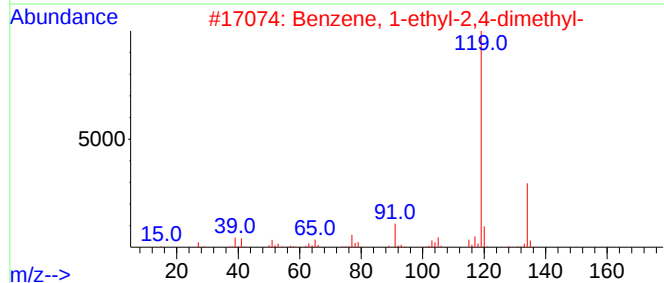
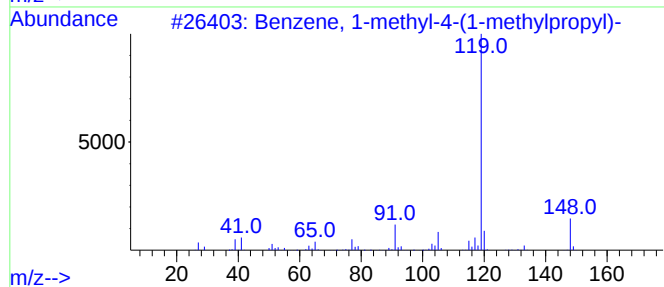
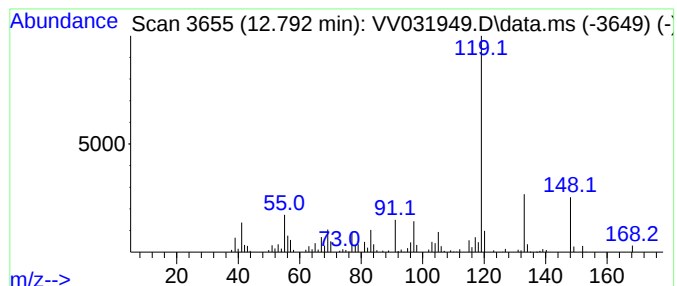
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 42 Benzene, 1-methyl-4-(1-meth... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.792	5.86 ug/L	81315	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	74
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	62
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	62
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

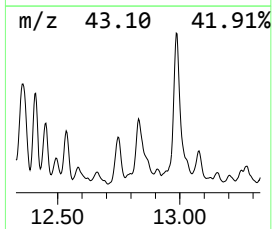
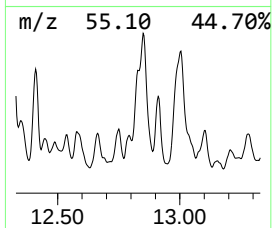
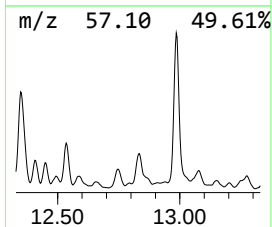
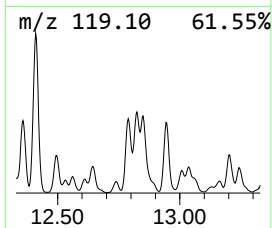
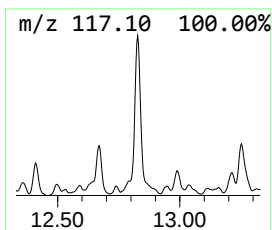
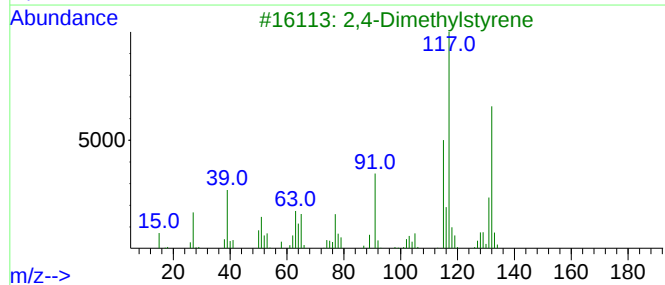
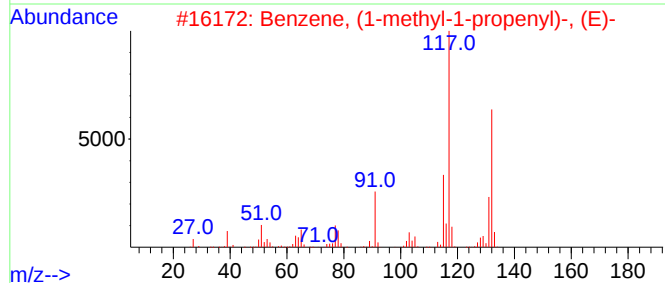
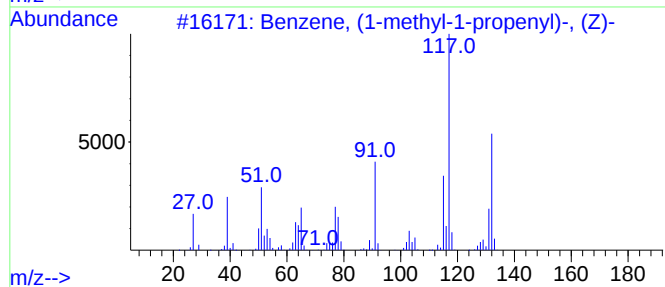
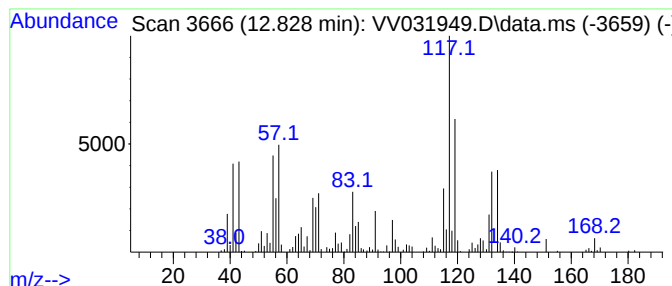
Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 43 Benzene, (1-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.828	33.40 ug/L	463672	1,4-Dichlorobenzene-d4			11.194
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...		132	C10H12	000767-99-7	64
2	Benzene, (1-methyl-1-propenyl)-,...		132	C10H12	000768-00-3	64
3	2,4-Dimethylstyrene		132	C10H12	002234-20-0	60
4	1H-Indene, 2,3-dihydro-5-methyl-		132	C10H12	000874-35-1	60
5	1H-Indene, 2,3-dihydro-4-methyl-		132	C10H12	000824-22-6	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

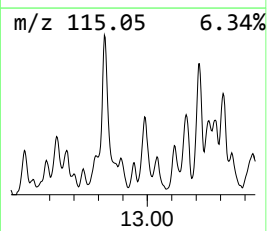
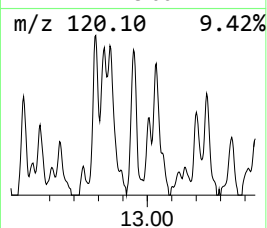
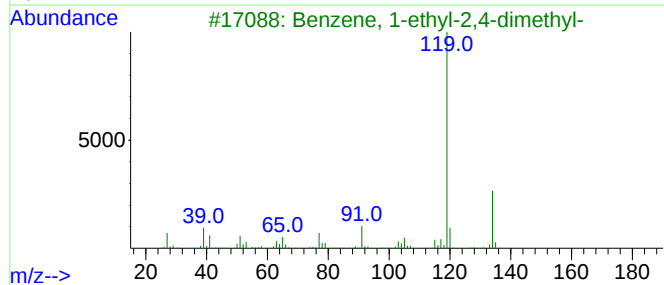
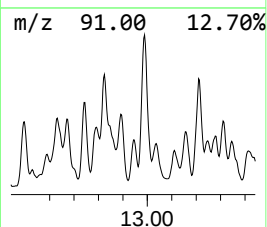
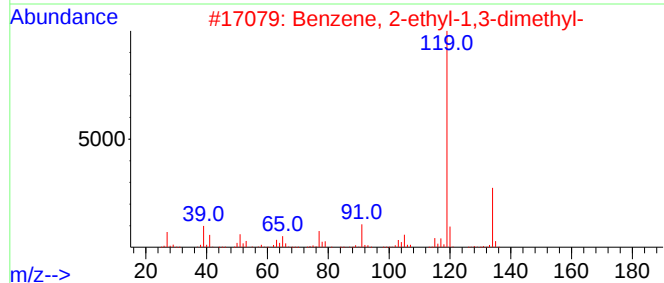
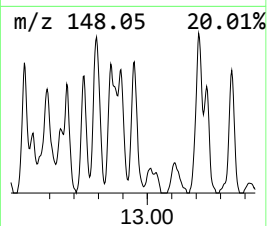
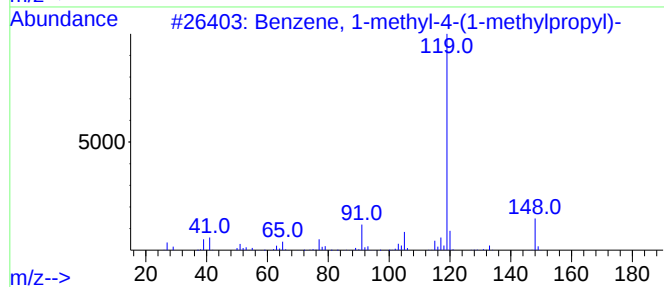
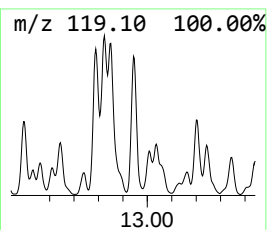
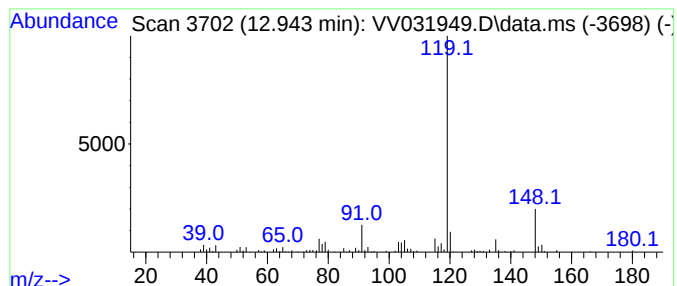
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 44 Acetic acid, (2,4-xylyl)- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.943	2.61 ug/L	36249	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	86
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4			Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	59
5			3,4-Dihydro-2-[1H]quinoxalinone	148	C8H8N2O	059564-59-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

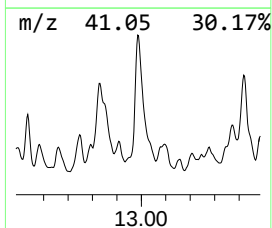
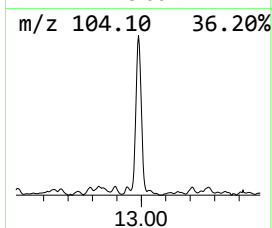
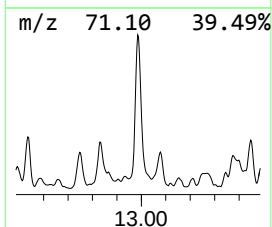
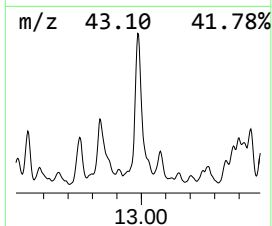
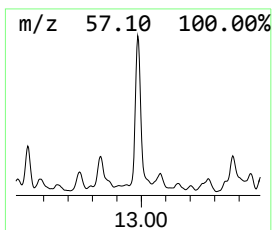
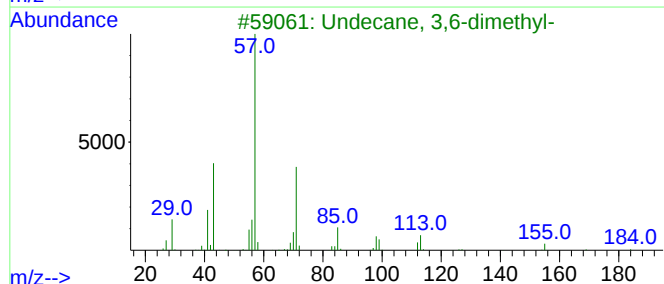
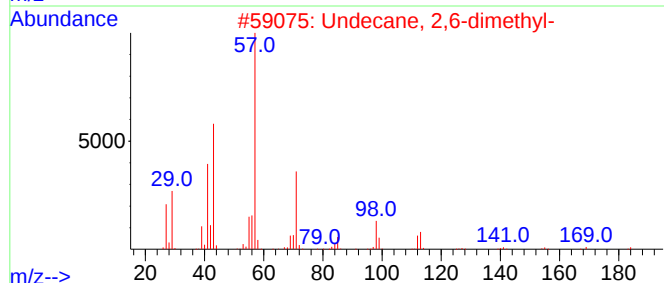
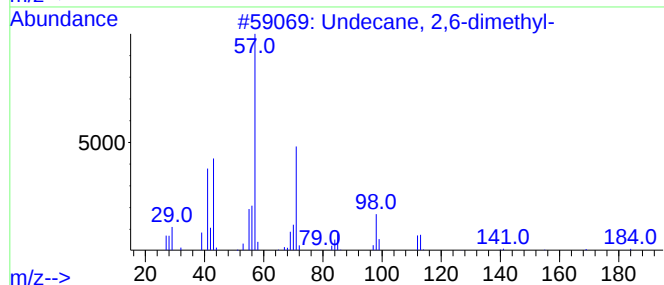
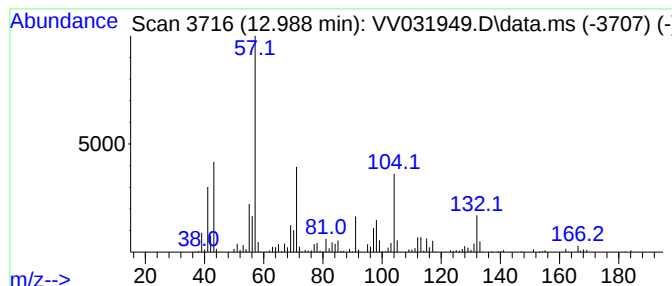
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.988	38.63 ug/L	536296	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	55
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	46
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

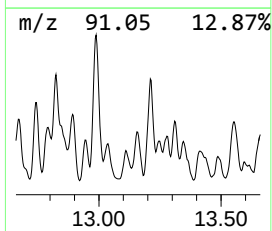
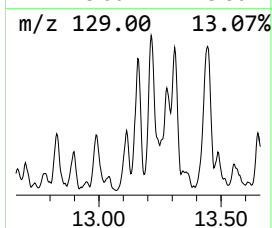
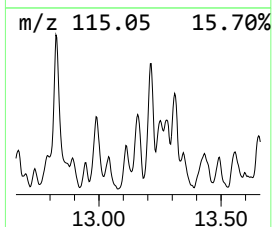
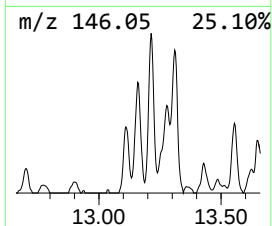
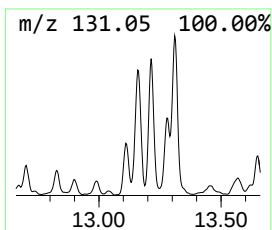
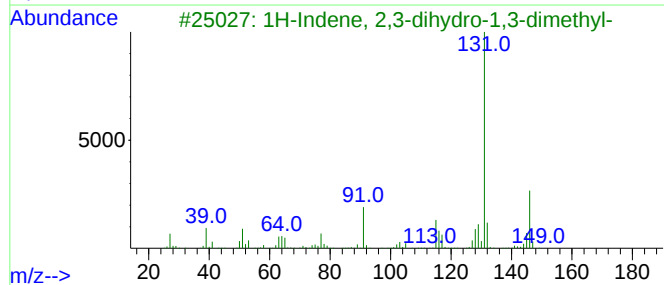
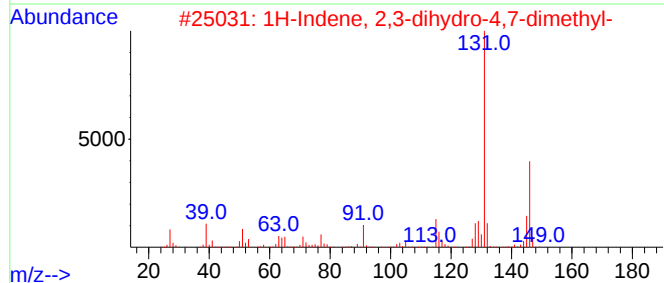
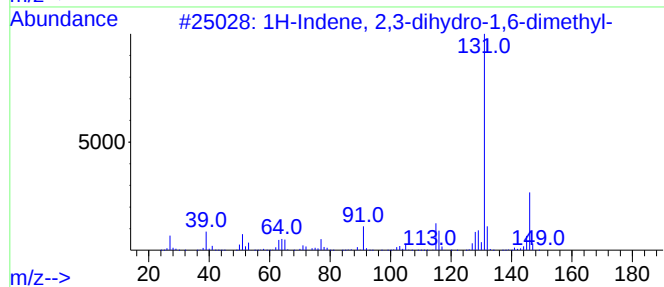
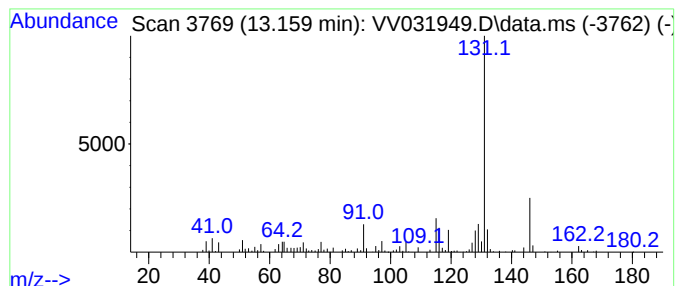
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 46 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.159	7.37 ug/L	102376	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	97		
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94		
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91		
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91		
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

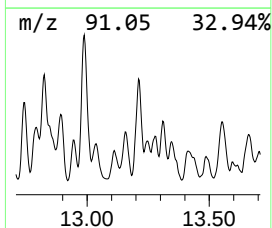
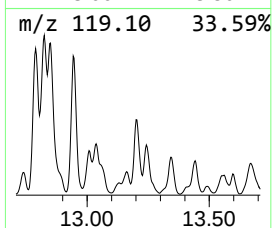
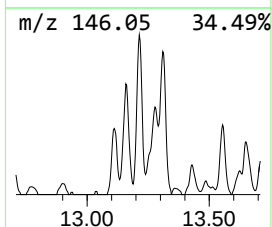
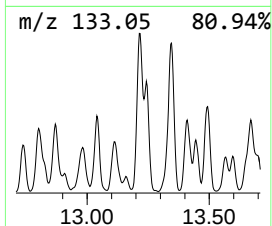
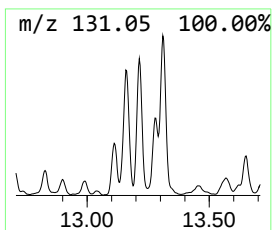
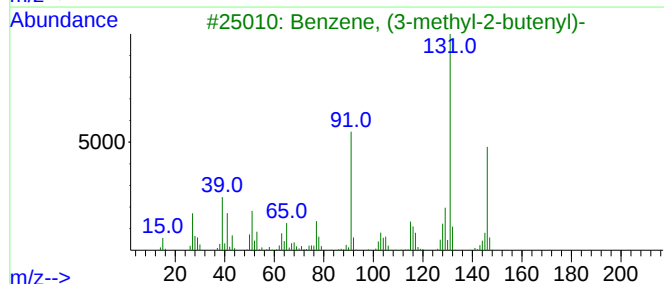
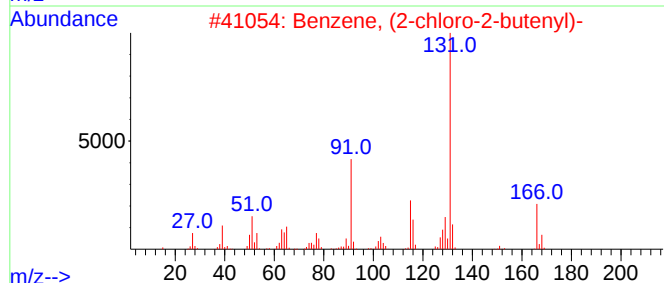
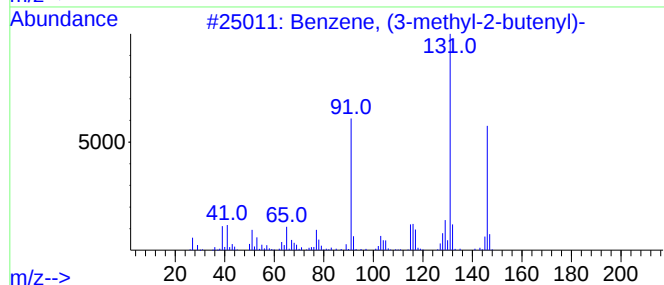
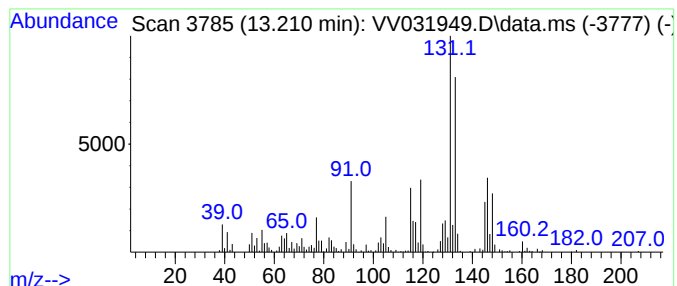
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 47 Benzene, (3-methyl-2-butenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	16.85 ug/L	233892	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	89
2			Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	81
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

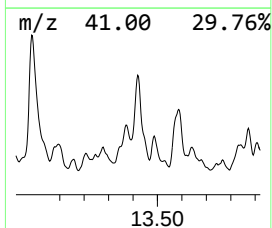
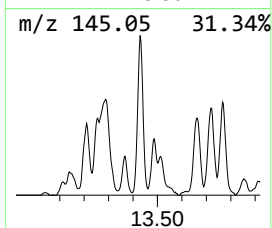
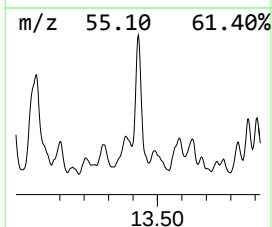
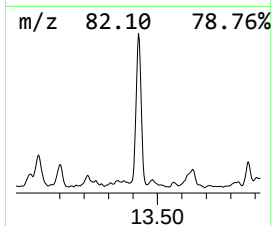
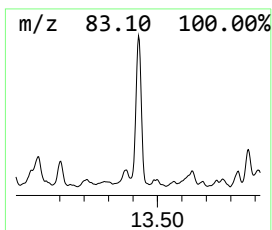
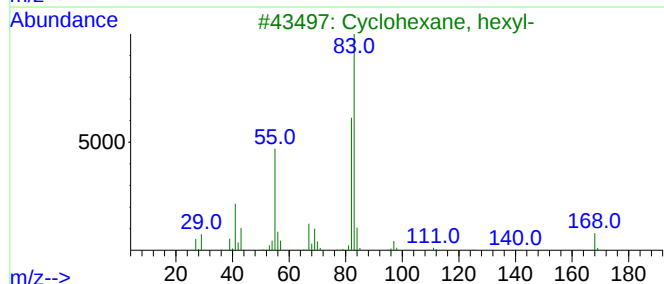
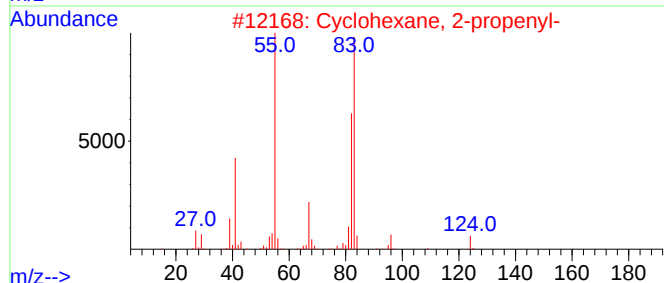
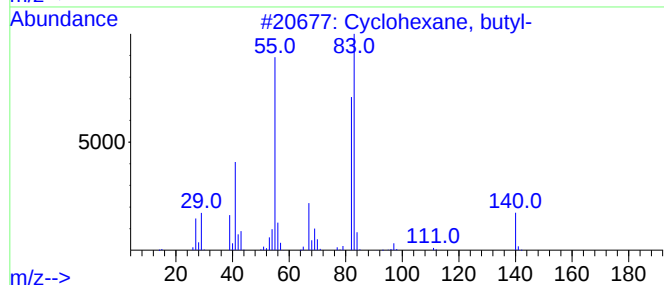
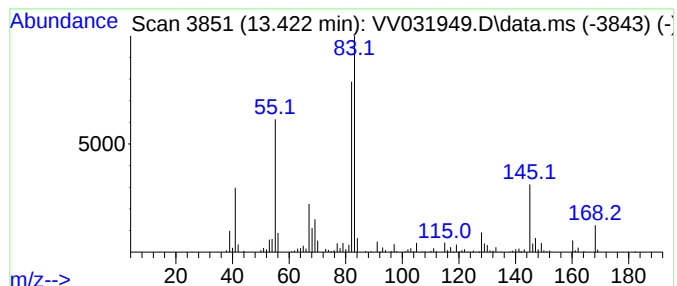
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 48 (DEL) Alkane: Cyclic13.422 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.422	27.19 ug/L	377452	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	68
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	59
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

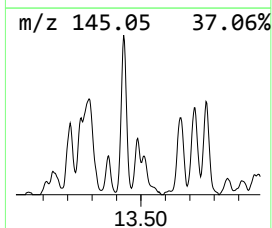
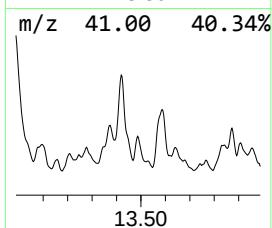
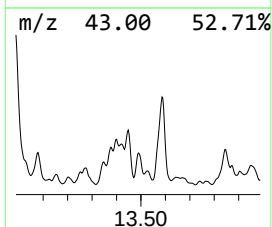
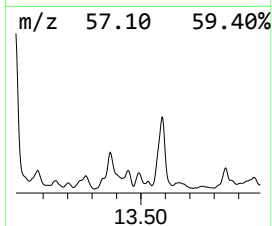
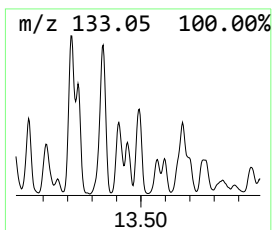
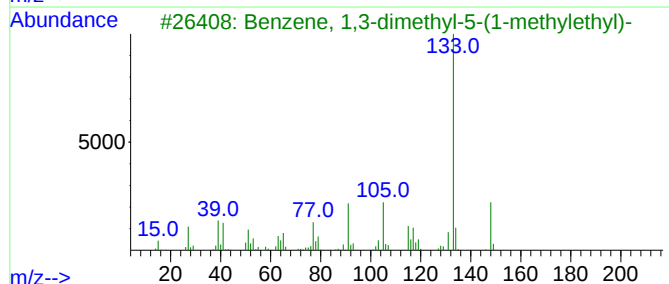
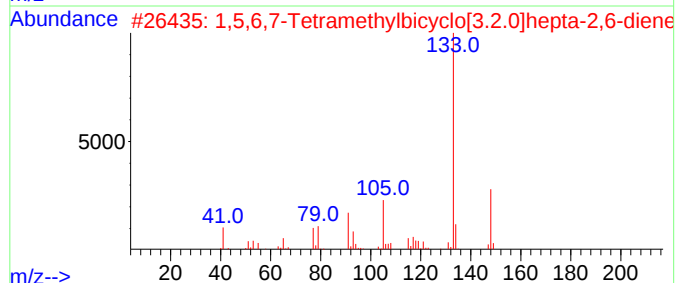
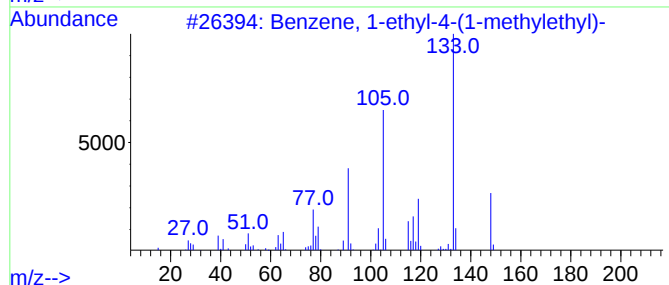
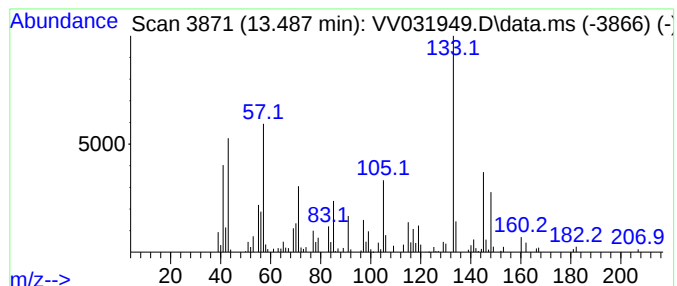
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 49 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.487	7.24 ug/L	100545	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
2			1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	62
3			Benzene, 1,3-dimethyl-5-(1-methylethyl)-	148	C11H16	004706-90-5	58
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52
5			Benzene, 1-(1,1-dimethylethyl)-3-methyl-5-(1-methylethyl)-	148	C11H16	001075-38-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

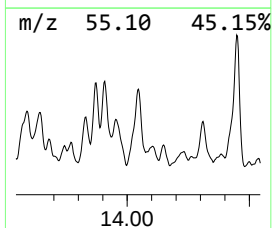
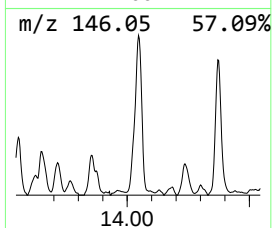
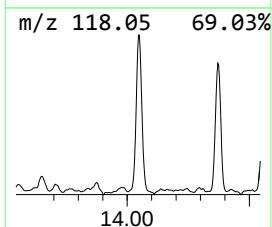
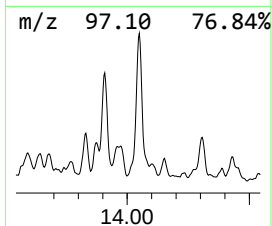
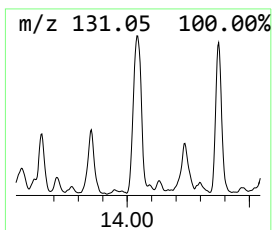
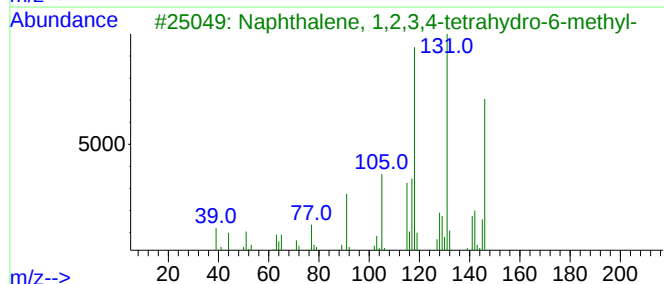
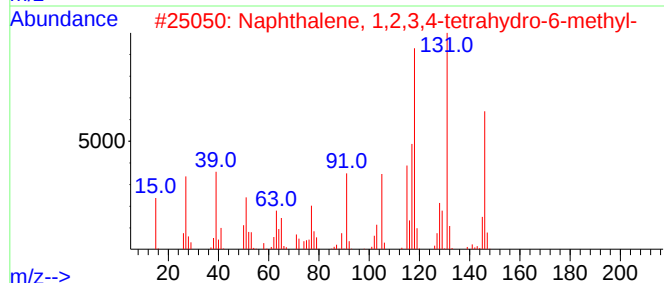
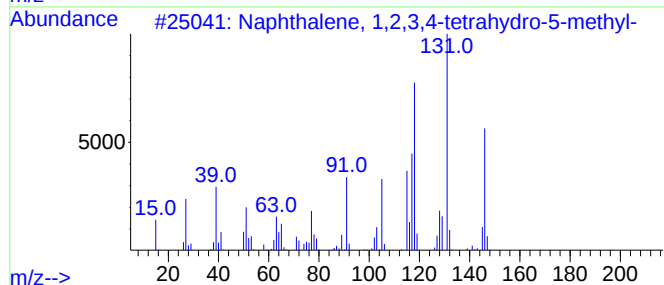
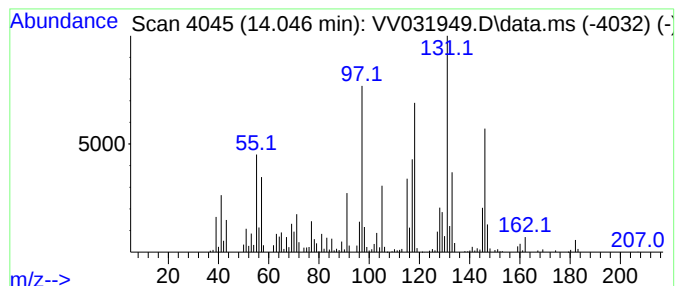
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 50 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.046	23.68 ug/L	328724	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	78
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	78
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

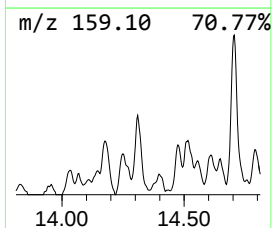
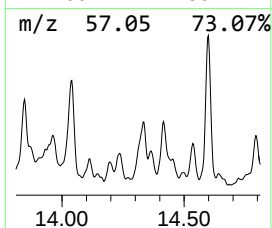
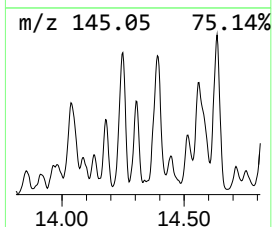
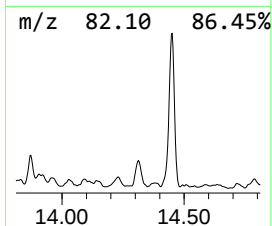
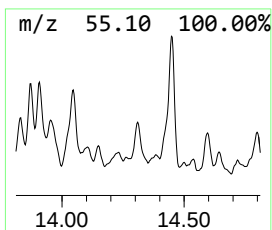
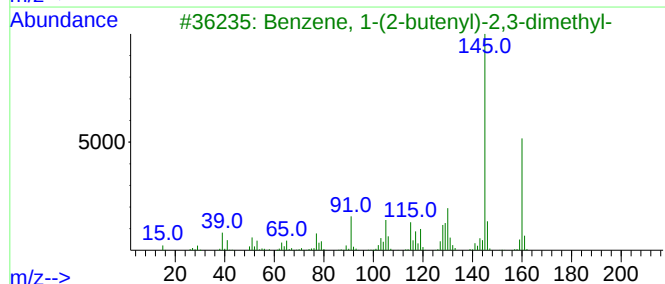
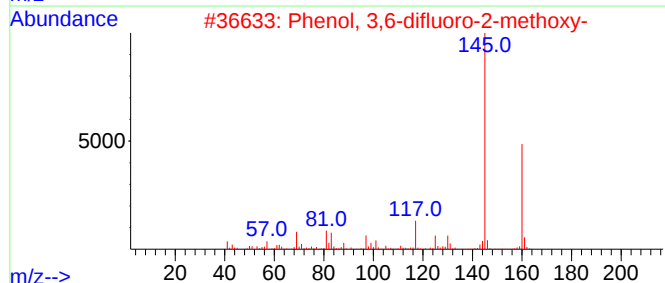
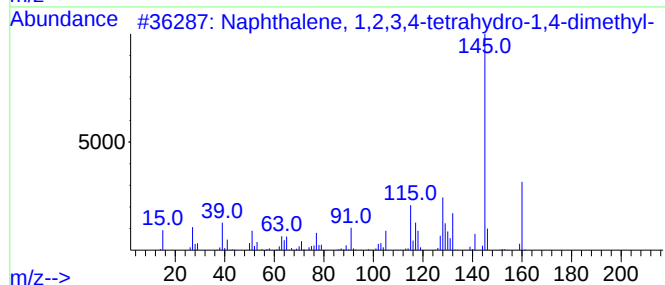
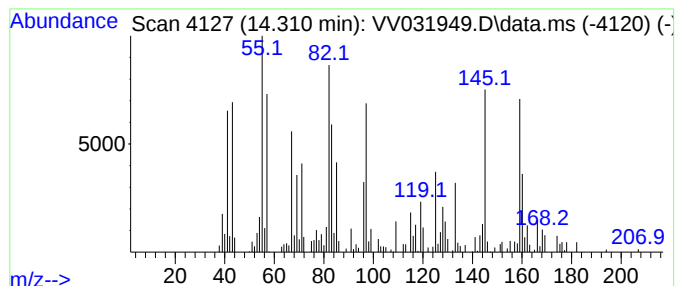
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 51 unknown-03 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.310	5.60 ug/L	77724	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	20
2			Phenol, 3,6-difluoro-2-methoxy-	160	C7H6F2O2	075626-22-1	18
3			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	18
4			1-But-1-enylaziridine	97	C6H11N	1000195-06-7	14
5			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

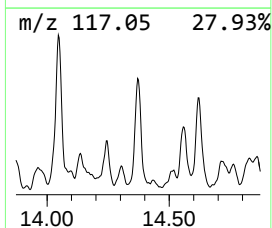
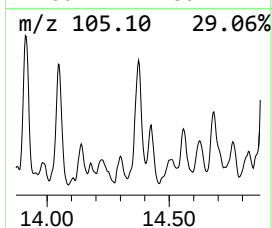
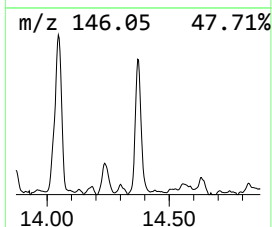
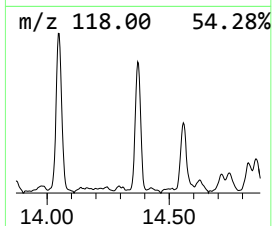
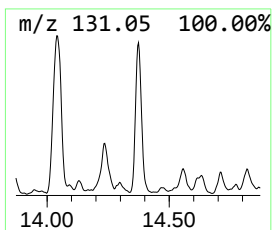
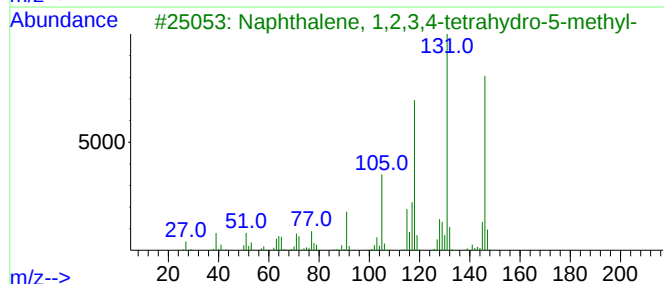
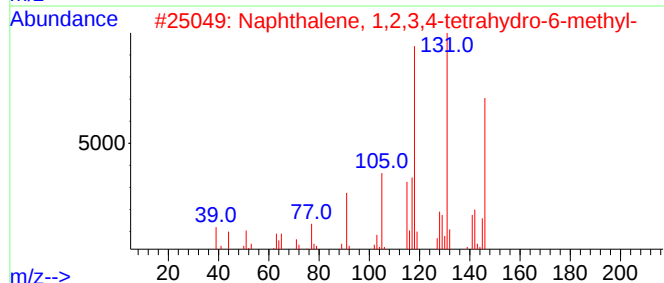
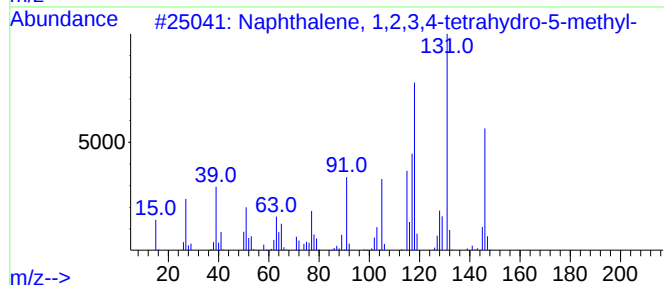
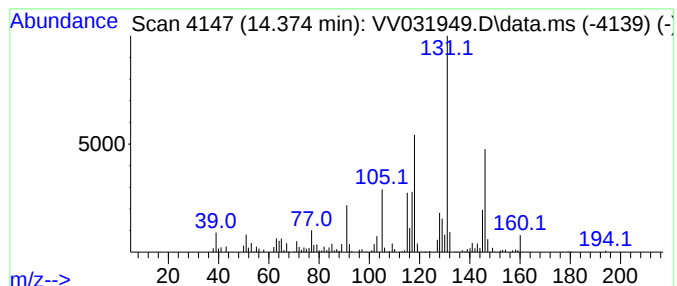
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 52 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.374	10.86 ug/L	150787	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

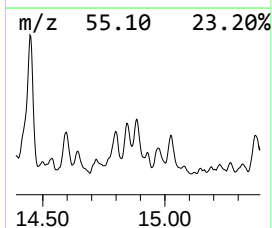
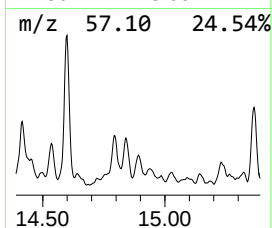
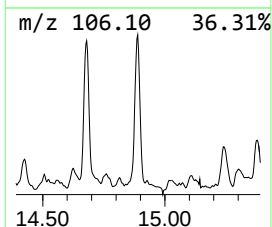
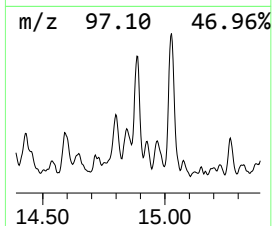
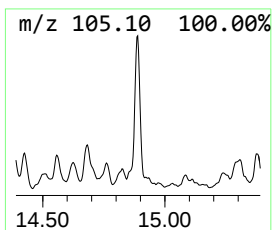
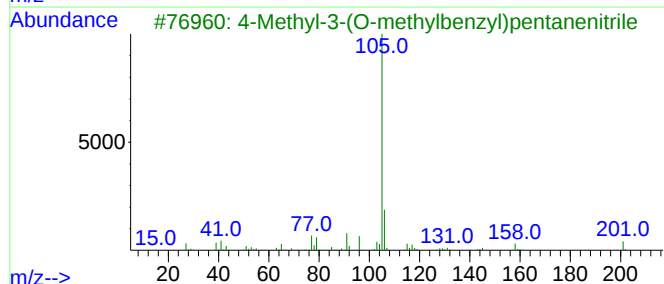
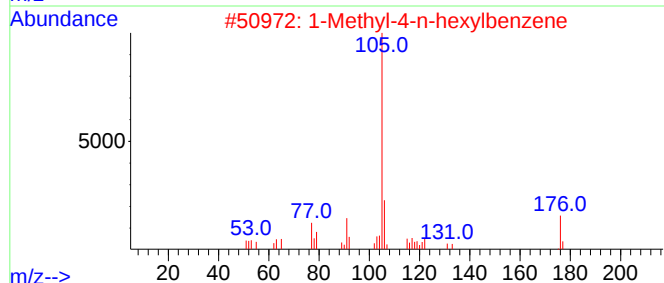
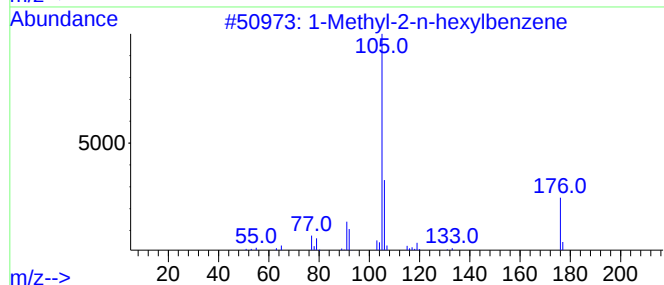
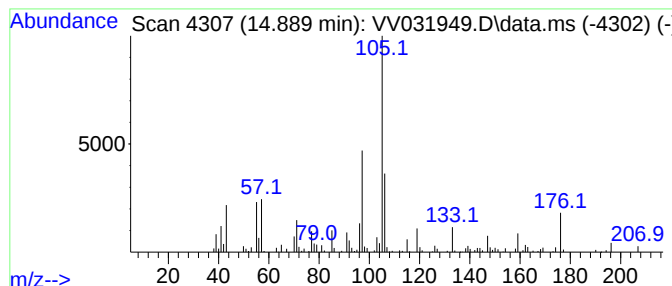
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 54 unknown-04 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.889	5.01 ug/L	69600	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-2-n-hexylbenzene	176	C13H20	001595-10-4	38
2			1-Methyl-4-n-hexylbenzene	176	C13H20	001595-01-3	12
3			4-Methyl-3-(O-methylbenzyl)penta...	201	C14H19N	029107-40-2	10
4			(3-Methylphenyl) methanol, 1-met...	178	C12H18O	1000374-58-5	10
5			3-Methyl-1-(4-methylphenyl)butan...	176	C12H16O	065248-52-4	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

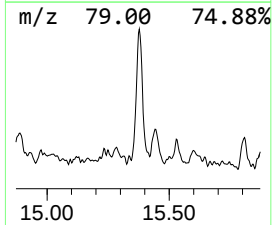
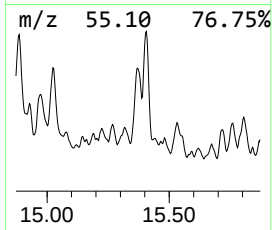
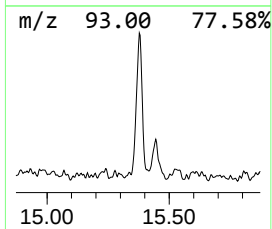
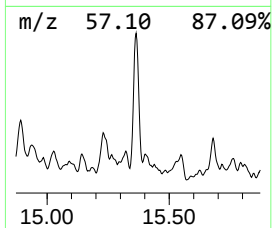
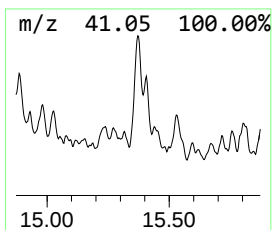
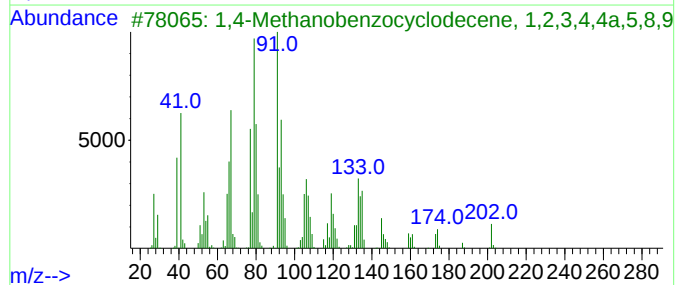
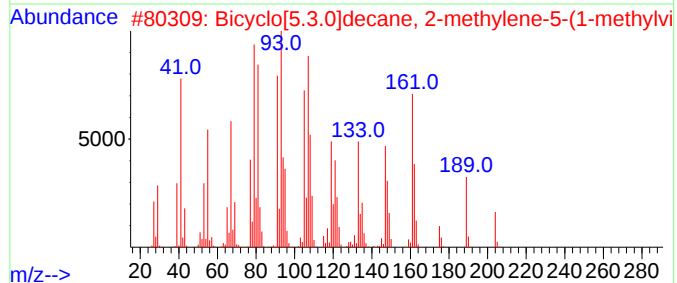
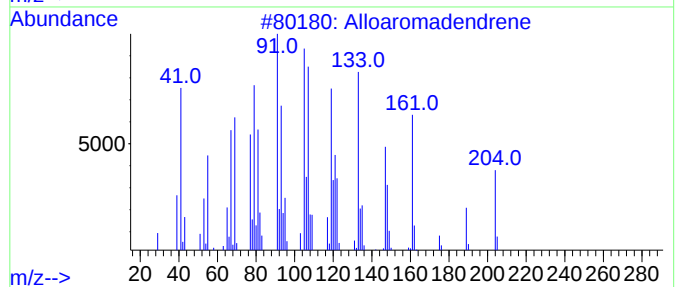
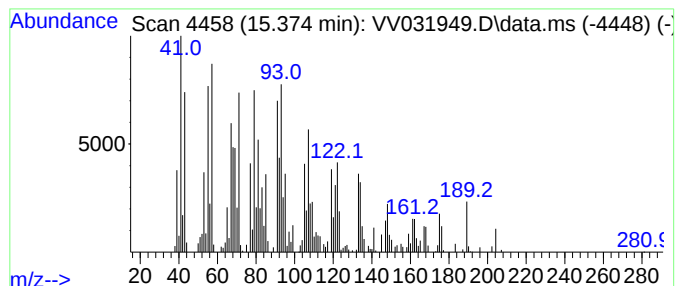
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 55 Alloaromadendrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	13.41 ug/L	186219	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Alloaromadendrene	204	C15H24	025246-27-9	87
2			Bicyclo[5.3.0]decane, 2-methylen...	204	C15H24	1000159-39-3	60
3			1,4-Methanobenzocyclodecene, 1,2...	202	C15H22	074708-73-9	60
4			Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	50
5			Bicyclo[6.1.0]non-1-ene	122	C9H14	002570-06-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

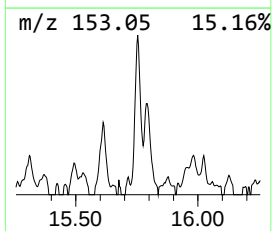
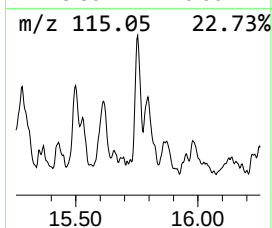
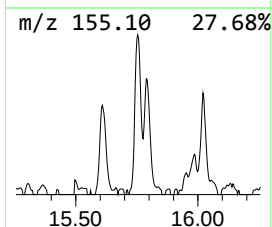
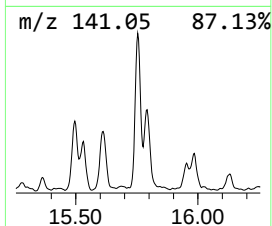
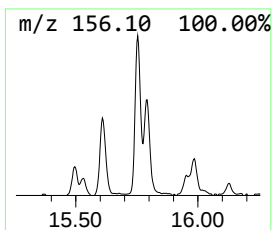
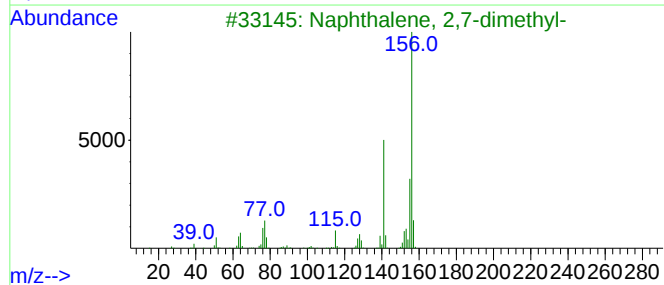
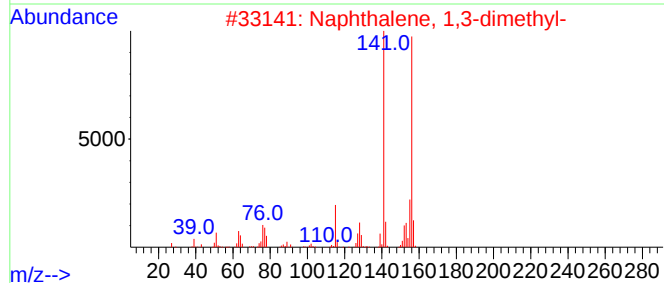
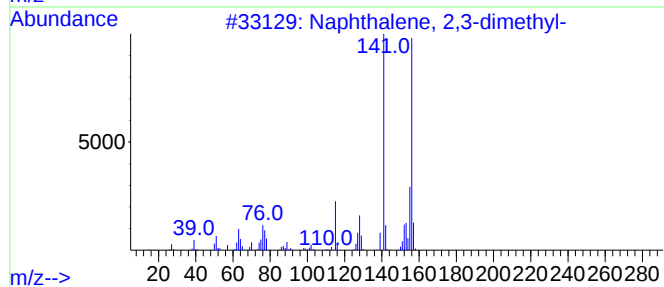
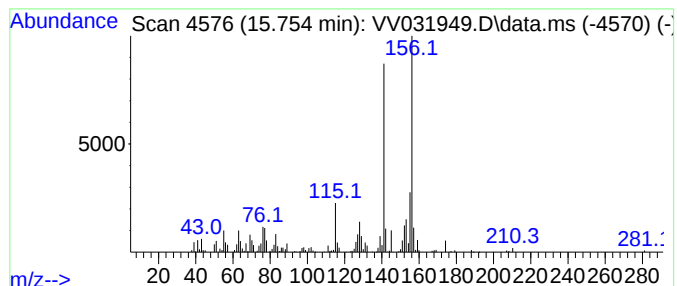
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 56 Naphthalene, 2,3-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.754	6.46 ug/L	89631	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
 Data File : VV031949.D
 Acq On : 28 Aug 2023 17:33
 Operator : SY/MD
 Sample : 04175-10ME
 Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZYK4ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.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
(DEL) Alkane: S...	4.815	3.5	ug/L	36952	1	5.539	525045	50.0
(DEL) Alkane: S...	5.407	2.5	ug/L	26531	1	5.539	525045	50.0
unknown-01	5.834	2.9	ug/L	30174	1	5.539	525045	50.0
(DEL) Alkane: S...	7.008	2.9	ug/L	30285	1	5.539	525045	50.0
(DEL) Alkane: C...	7.194	2.9	ug/L	45016	2	8.792	780352	50.0
(DEL) Alkane: C...	8.165	2.5	ug/L	39692	2	8.792	780352	50.0
(DEL) Alkane: C...	8.223	3.4	ug/L	53596	2	8.792	780352	50.0
(DEL) Alkane: C...	8.284	3.6	ug/L	56386	2	8.792	780352	50.0
(DEL) Alkane: C...	8.529	3.4	ug/L	53312	2	8.792	780352	50.0
(DEL) Alkane: S...	8.603	4.2	ug/L	65417	2	8.792	780352	50.0
(DEL) Alkane: S...	8.728	5.0	ug/L	77435	2	8.792	780352	50.0
(DEL) Alkane: S...	9.143	6.3	ug/L	97694	2	8.792	780352	50.0
(DEL) Alkane: C...	9.413	7.0	ug/L	109026	2	8.792	780352	50.0
(DEL) Alkane: S...	9.651	9.3	ug/L	144983	2	8.792	780352	50.0
(DEL) Alkane: C...	9.738	8.7	ug/L	135216	2	8.792	780352	50.0
(DEL) Alkane: S...	9.792	8.4	ug/L	131735	2	8.792	780352	50.0
(DEL) Alkane: S...	9.960	4.9	ug/L	76961	2	8.792	780352	50.0
(DEL) Alkane: S...	10.030	9.7	ug/L	135181	3	11.194	694208	50.0
1-Methylcyclooc...	10.063	4.1	ug/L	56331	3	11.194	694208	50.0
(DEL) Alkane: C...	10.394	4.5	ug/L	62956	3	11.194	694208	50.0
(DEL) Alkane: S...	10.625	3.2	ug/L	44971	3	11.194	694208	50.0
Methylphosphoni...	10.667	4.2	ug/L	58685	3	11.194	694208	50.0
(DEL) Alkane: S...	10.780	3.2	ug/L	44182	3	11.194	694208	50.0
(DEL) Alkane: S...	10.979	5.4	ug/L	75074	3	11.194	694208	50.0
Oxalic acid, is...	11.040	8.9	ug/L	123081	3	11.194	694208	50.0
(DEL) Alkane: C...	11.098	17.4	ug/L	240965	3	11.194	694208	50.0
Benzene, 1,2,3-...	11.281	13.2	ug/L	183274	3	11.194	694208	50.0
(DEL) Alkane: S...	11.406	9.4	ug/L	130257	3	11.194	694208	50.0
Benzene, 1,2-di...	11.490	3.9	ug/L	53757	3	11.194	694208	50.0
p-Cymene	11.882	32.7	ug/L	454017	3	11.194	694208	50.0
(DEL) Alkane: S...	11.937	9.4	ug/L	129921	3	11.194	694208	50.0
(DEL) Alkane: S...	12.069	20.7	ug/L	287179	3	11.194	694208	50.0
Naphthalene, de...	12.201	22.4	ug/L	310991	3	11.194	694208	50.0
(DEL) Alkane: C...	12.313	35.6	ug/L	494424	3	11.194	694208	50.0
Benzene, 1,2,3,...	12.355	19.7	ug/L	273765	3	11.194	694208	50.0
Benzene, 1,2,3,...	12.410	33.1	ug/L	459096	3	11.194	694208	50.0
Benzene, 2-ethy...	12.496	7.4	ug/L	103310	3	11.194	694208	50.0
(DEL) Alkane: S...	12.535	6.9	ug/L	95460	3	11.194	694208	50.0
Benzene, 2,4-di...	12.586	6.1	ug/L	84561	3	11.194	694208	50.0
unknown-02	12.744	10.1	ug/L	139563	3	11.194	694208	50.0
Benzene, 1-meth...	12.792	5.9	ug/L	81315	3	11.194	694208	50.0
Benzene, (1-met...	12.828	33.4	ug/L	463672	3	11.194	694208	50.0
Acetic acid, (2...	12.943	2.6	ug/L	36249	3	11.194	694208	50.0
(DEL) Alkane: S...	12.988	38.6	ug/L	536296	3	11.194	694208	50.0
1H-Indene, 2,3-...	13.159	7.4	ug/L	102376	3	11.194	694208	50.0
Benzene, (3-met...	13.210	16.9	ug/L	233892	3	11.194	694208	50.0
(DEL) Alkane: C...	13.422	27.2	ug/L	377452	3	11.194	694208	50.0
Benzene, 1-ethy...	13.487	7.2	ug/L	100545	3	11.194	694208	50.0
Naphthalene, 1,...	14.046	23.7	ug/L	328724	3	11.194	694208	50.0
unknown-03	14.310	5.6	ug/L	77724	3	11.194	694208	50.0
Naphthalene, 1,...	14.374	10.9	ug/L	150787	3	11.194	694208	50.0
unknown-04	14.889	5.0	ug/L	69600	3	11.194	694208	50.0

Alloaromadendrene	15.374	13.4	ug/L	186219	3	11.194	694208	50.0
Naphthalene, 2,...	15.754	6.5	ug/L	89631	3	11.194	694208	50.0

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME