

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036184.D
 Acq On : 21 Jun 2024 00:25
 Operator : SY/MD
 Sample : P2962-22
 Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0TA6

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\SFAMVLM053024SMA.M

Title : VOC Analysis

Signal : TIC: VV036184.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	64	72	90	rBV	258384	288262	9.61%	0.846%
2	1.526	141	151	166	rBV	182282	224960	7.50%	0.660%
3	2.050	303	314	330	rVB	357095	527306	17.57%	1.547%
4	2.156	334	347	366	rBV2	9196	28234	0.94%	0.083%
5	2.368	399	413	424	rBV2	4278	11778	0.39%	0.035%
6	2.439	424	435	466	rVV	163828	291786	9.73%	0.856%
7	2.963	585	598	615	rBV3	14942	32336	1.08%	0.095%
8	3.844	858	872	879	rBV	15879	37629	1.25%	0.110%
9	4.243	977	996	1032	rVV	239771	679276	22.64%	1.993%
10	4.567	1079	1097	1114	rVV2	268177	659488	21.98%	1.935%
11	4.664	1114	1127	1151	rVV2	106135	292734	9.76%	0.859%
12	4.809	1154	1172	1201	rVV	603777	1467014	48.89%	4.305%
13	4.950	1201	1216	1243	rVV2	605588	1544759	51.49%	4.533%
14	5.088	1246	1259	1272	rVV3	103121	264987	8.83%	0.778%
15	5.159	1273	1281	1292	rVV4	41239	99200	3.31%	0.291%
16	5.230	1293	1303	1324	rVB4	51368	125390	4.18%	0.368%
17	5.400	1338	1356	1384	rBV	966481	1919844	63.99%	5.633%
18	5.529	1385	1396	1425	rBV	504780	1038747	34.62%	3.048%
19	5.825	1477	1488	1501	rBV2	31877	67199	2.24%	0.197%
20	5.905	1502	1513	1525	rVB	33490	67815	2.26%	0.199%
21	5.985	1525	1538	1549	rBV	336572	735678	24.52%	2.159%
22	6.117	1571	1579	1588	rVV3	17731	32324	1.08%	0.095%
23	6.175	1589	1597	1611	rVB3	31570	62447	2.08%	0.183%
24	6.281	1618	1630	1646	rVB2	73871	144491	4.82%	0.424%
25	6.381	1649	1661	1672	rVB2	5507	12827	0.43%	0.038%
26	6.911	1816	1826	1853	rVV	144828	288732	9.62%	0.847%
27	7.239	1917	1928	1952	rBV	654945	1163482	38.78%	3.414%
28	7.555	2017	2026	2052	rVV	93573	180816	6.03%	0.531%
29	7.876	2113	2126	2132	rBV3	12234	21725	0.72%	0.064%
30	8.034	2161	2175	2202	rBV	69436	164798	5.49%	0.484%
31	8.217	2225	2232	2243	rVB6	7028	11314	0.38%	0.033%
32	8.603	2343	2352	2365	rVB4	17219	31212	1.04%	0.092%
33	8.725	2378	2390	2397	rBV2	19269	33850	1.13%	0.099%
34	8.783	2397	2408	2443	rVV	738565	1229285	40.97%	3.607%
35	9.040	2478	2488	2493	rVV6	10123	18747	0.62%	0.055%
36	9.088	2495	2503	2510	rVV3	23374	39529	1.32%	0.116%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036184.D
 Acq On : 21 Jun 2024 00:25
 Operator : SY/MD
 Sample : P2962-22
 Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0TA6

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\SFAMVLM053024SMA.M
 Title : VOC Analysis

37	9.140	2510	2519	2544	rVB	123836	207044	6.90%	0.608%
38	9.249	2544	2553	2564	rVB10	7413	14010	0.47%	0.041%
39	9.410	2587	2603	2612	rBV6	36756	77152	2.57%	0.226%
40	9.513	2620	2635	2647	rBV5	23923	60463	2.02%	0.177%
41	9.609	2658	2665	2666	rBV3	17106	17011	0.57%	0.050%
42	9.648	2668	2677	2686	rVV2	103637	173323	5.78%	0.509%
43	9.731	2687	2703	2713	rVV4	93611	219192	7.31%	0.643%
44	9.786	2715	2720	2731	rVV2	55141	94416	3.15%	0.277%
45	9.847	2731	2739	2751	rVV8	22811	50741	1.69%	0.149%
46	9.911	2751	2759	2764	rVV6	21466	32202	1.07%	0.094%
47	9.953	2764	2772	2780	rVV2	83388	140243	4.67%	0.412%
48	10.024	2781	2794	2799	rVV2	172735	336452	11.21%	0.987%
49	10.053	2799	2803	2816	rVB3	151769	213102	7.10%	0.625%
50	10.152	2816	2834	2852	rBV6	399339	822667	27.42%	2.414%
51	10.294	2870	2878	2879	rBV	22770	24863	0.83%	0.073%
52	10.326	2883	2888	2897	rVV4	42462	65547	2.18%	0.192%
53	10.384	2898	2906	2918	rVV2	110394	218938	7.30%	0.642%
54	10.445	2918	2925	2929	rVV2	97834	147804	4.93%	0.434%
55	10.477	2930	2935	2939	rVV	106429	152980	5.10%	0.449%
56	10.516	2939	2947	2967	rVB	629205	960709	32.02%	2.819%
57	10.619	2969	2979	2984	rBV6	11378	22658	0.76%	0.066%
58	10.673	2985	2996	3002	rBV3	61740	119071	3.97%	0.349%
59	10.815	3032	3040	3044	rBV	96914	135498	4.52%	0.398%
60	10.850	3044	3051	3075	rVB	400949	677343	22.58%	1.987%
61	10.972	3081	3089	3090	rBV5	19576	21442	0.71%	0.063%
62	11.030	3101	3107	3117	rVB3	54389	93980	3.13%	0.276%
63	11.088	3118	3125	3132	rBV4	54655	80971	2.70%	0.238%
64	11.130	3132	3138	3145	rVB2	46541	67505	2.25%	0.198%
65	11.181	3145	3154	3165	rBV	864031	1296424	43.21%	3.804%
66	11.271	3175	3182	3190	rBV	119156	170641	5.69%	0.501%
67	11.313	3190	3195	3203	rVB2	45189	59620	1.99%	0.175%
68	11.400	3216	3222	3232	rVB3	50147	75847	2.53%	0.223%
69	11.484	3238	3248	3249	rBV6	29716	35686	1.19%	0.105%
70	11.513	3251	3257	3262	rVV	72349	113426	3.78%	0.333%
71	11.558	3262	3271	3293	rVB	743425	1321563	44.05%	3.878%
72	11.728	3315	3324	3354	rVB2	280751	577664	19.25%	1.695%
73	11.850	3355	3362	3365	rBV2	43904	58496	1.95%	0.172%
74	11.876	3366	3370	3378	rVB3	54810	73224	2.44%	0.215%
75	12.062	3419	3428	3433	rBV4	25334	45425	1.51%	0.133%
76	12.194	3458	3469	3478	rBV4	52509	87464	2.92%	0.257%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Title : VOC Analysis

77	12.307	3495	3504	3512	rBV4	33049	61778	2.06%	0.181%
78	12.352	3513	3518	3526	rVB5	19483	31095	1.04%	0.091%
79	12.403	3527	3534	3542	rBV2	39583	55503	1.85%	0.163%
80	12.664	3609	3615	3622	rVB8	9286	14744	0.49%	0.043%
81	12.824	3657	3665	3677	rVB4	33555	57566	1.92%	0.169%
82	12.979	3707	3713	3724	rVB9	9121	17238	0.57%	0.051%
83	13.445	3852	3858	3866	rBV2	9418	15479	0.52%	0.045%
84	13.580	3888	3900	3909	rBV6	9317	20119	0.67%	0.059%
85	13.683	3925	3932	3941	rVB	15979	23135	0.77%	0.068%
86	13.840	3972	3981	3994	rBV2	101260	158065	5.27%	0.464%
87	13.905	3995	4001	4006	rBV6	10099	15674	0.52%	0.046%
88	14.326	4120	4132	4137	rBV4	69954	151724	5.06%	0.445%
89	14.410	4152	4158	4163	rBV3	96413	130695	4.36%	0.383%
90	14.448	4164	4170	4180	rVB3	239250	353445	11.78%	1.037%
91	14.529	4189	4195	4205	rVB	182158	264903	8.83%	0.777%
92	14.593	4207	4215	4223	rBV	376851	553811	18.46%	1.625%
93	14.786	4265	4275	4284	rBV	2145282	3000346	100.00%	8.804%
94	14.882	4298	4305	4316	rBV5	222210	392027	13.07%	1.150%
95	15.223	4404	4411	4419	rBV6	230114	406680	13.55%	1.193%
96	15.313	4434	4439	4445	rVB2	240713	269997	9.00%	0.792%
97	15.355	4445	4452	4460	rBV2	871749	1186121	39.53%	3.480%
98	15.432	4472	4476	4489	rVB	271086	357056	11.90%	1.048%
99	15.673	4542	4551	4568	rVB	2130102	2974309	99.13%	8.727%
100	16.509	4803	4811	4824	rBV	403166	566595	18.88%	1.662%

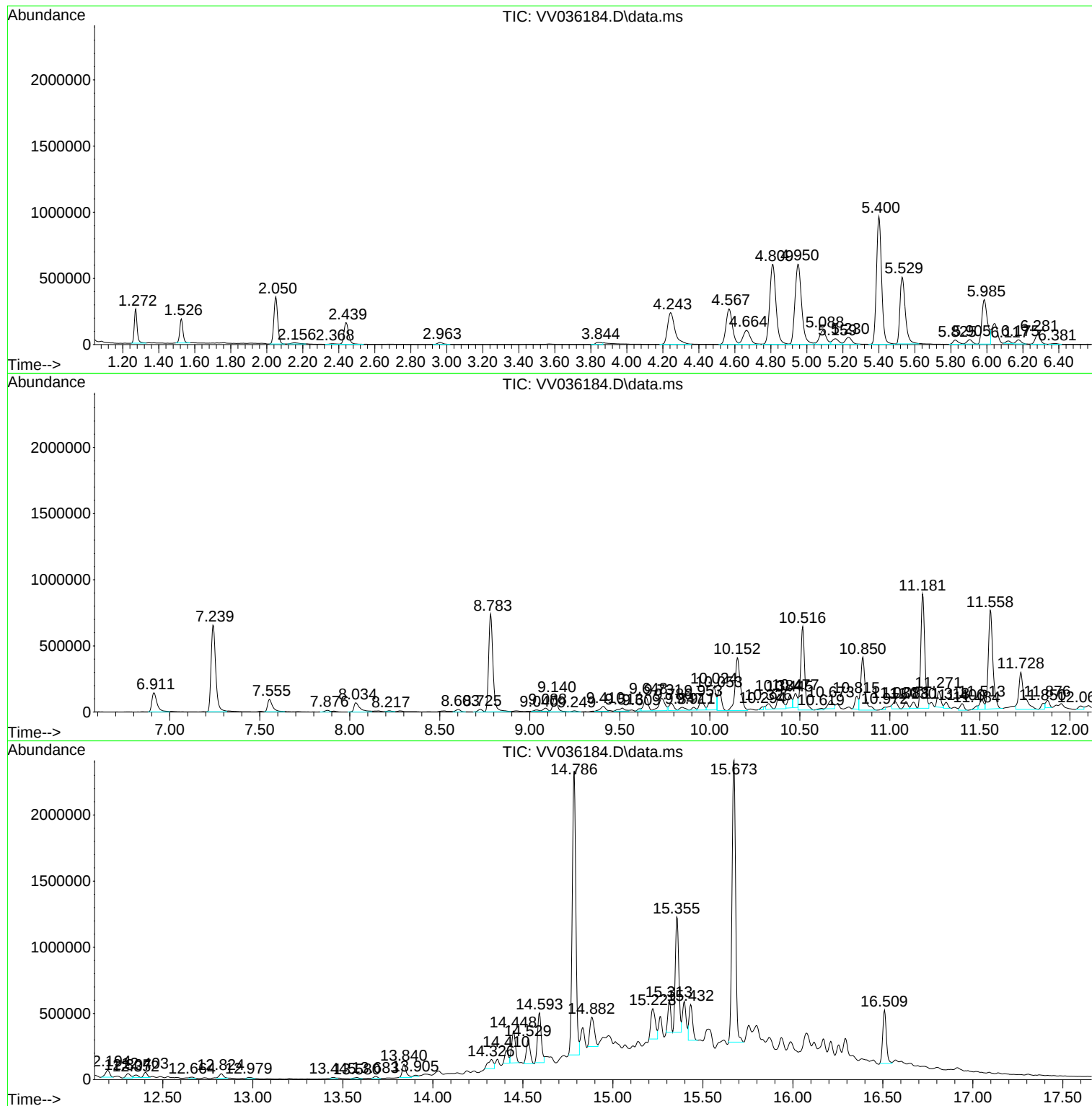
Sum of corrected areas: 34080913

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

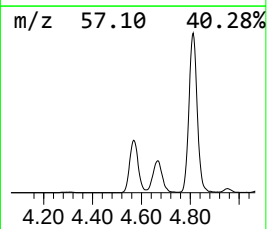
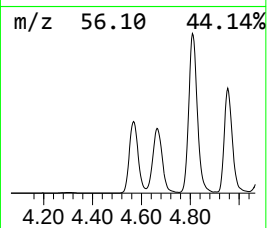
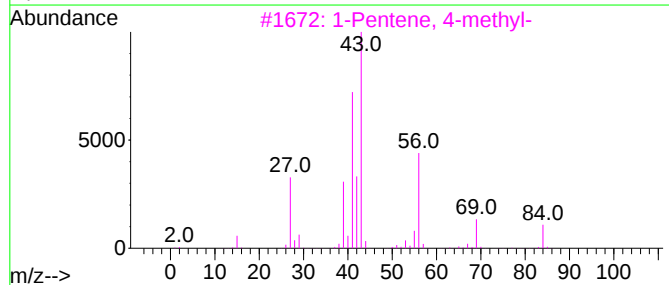
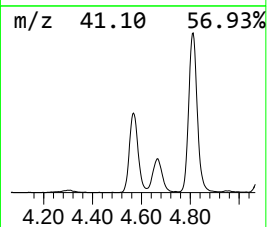
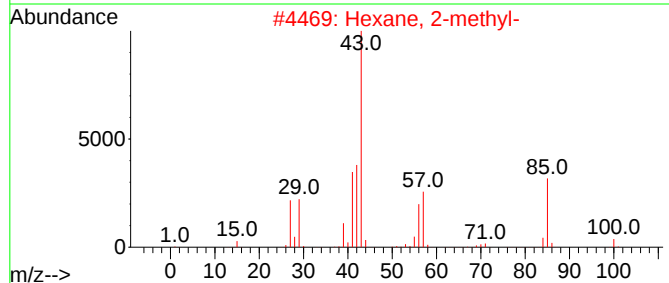
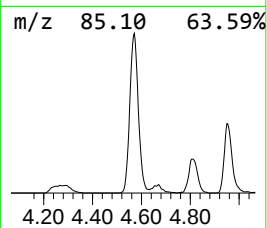
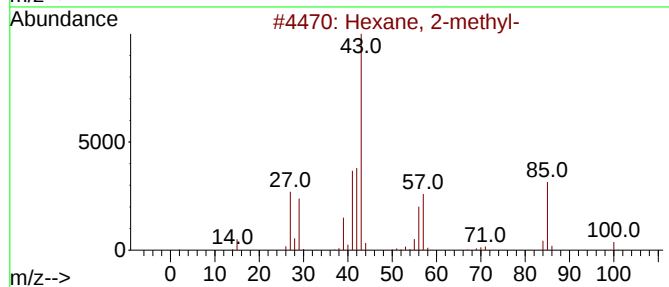
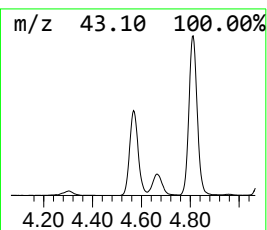
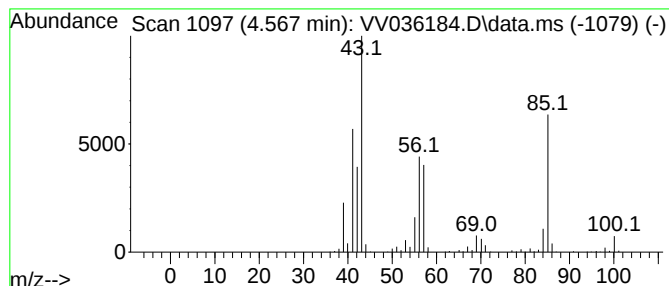
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.567	15.87 ug/L	659488	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2-methyl-	100	C7H16	000591-76-4	91
2			Hexane, 2-methyl-	100	C7H16	000591-76-4	91
3			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	49
4			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	49
5			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

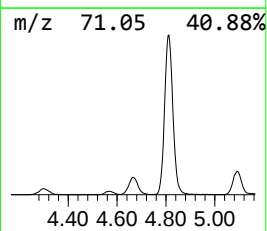
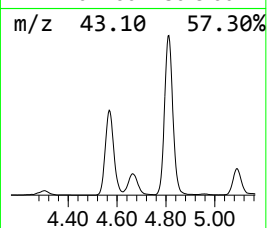
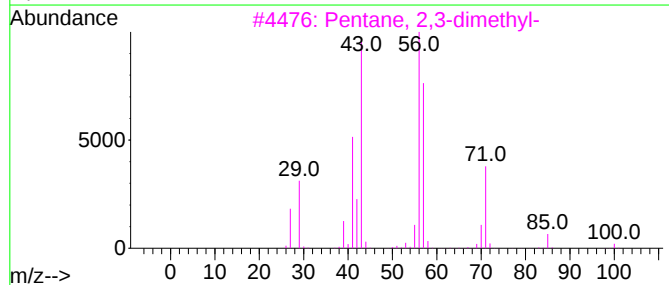
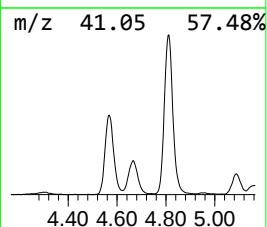
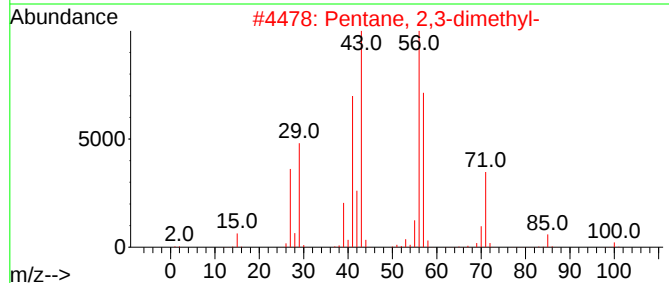
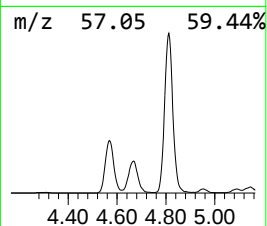
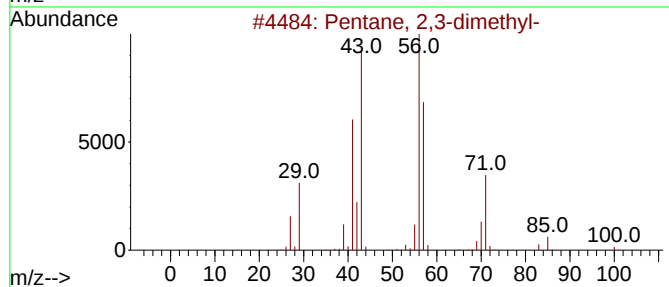
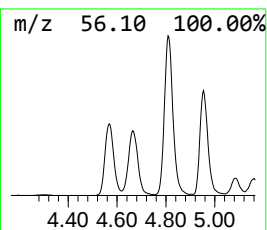
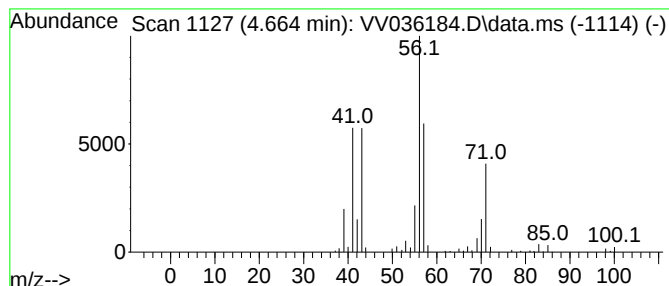
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.664	7.05 ug/L	292734	1,4-Difluorobenzene	5.529

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	56
5		1-Hexene, 2-methyl-	98	C7H14	006094-02-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

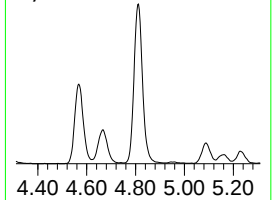
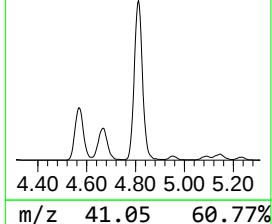
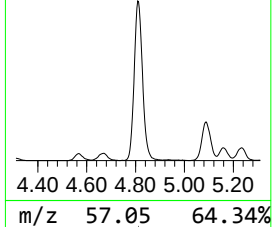
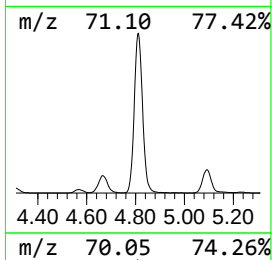
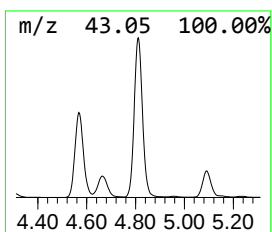
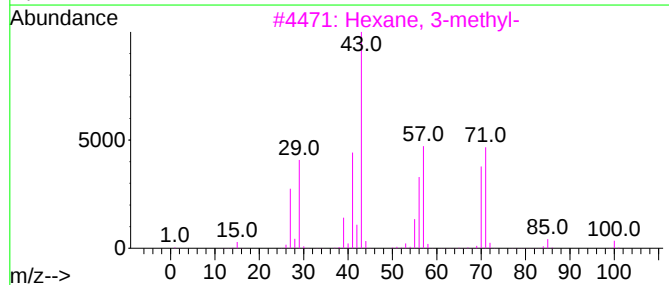
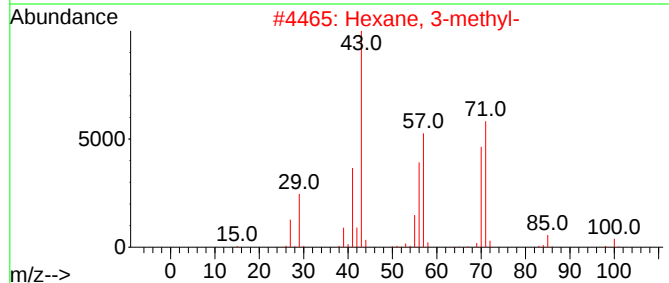
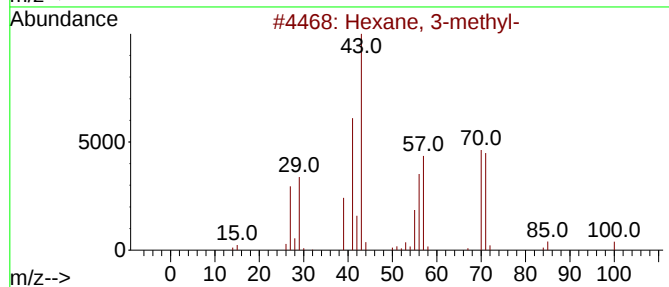
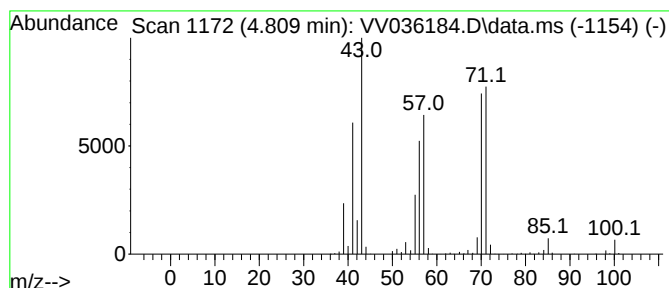
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.809	35.31 ug/L	1467010	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	96
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	90
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

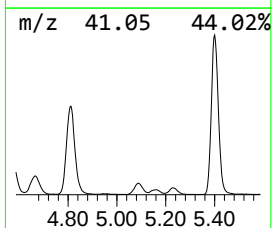
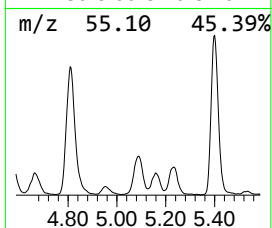
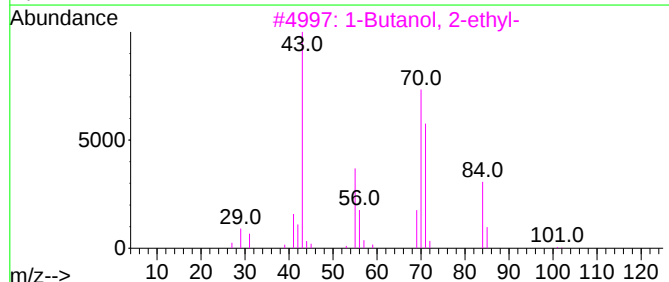
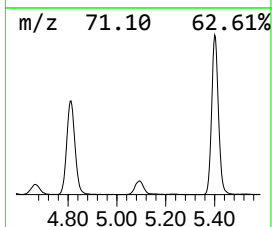
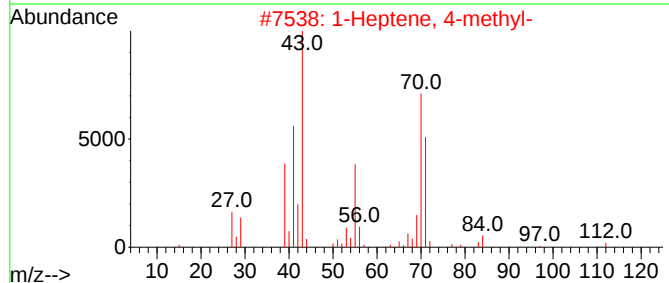
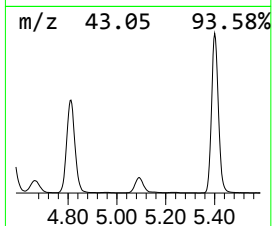
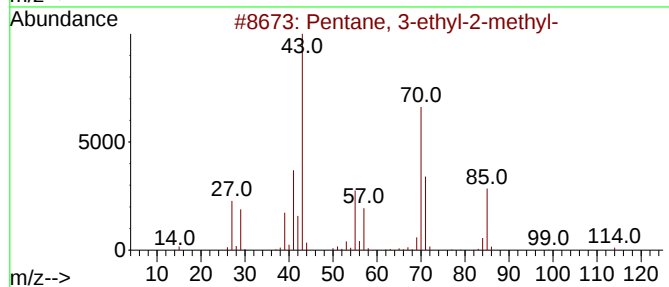
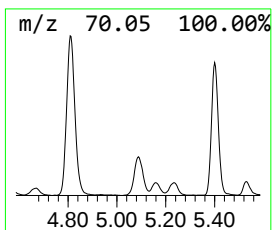
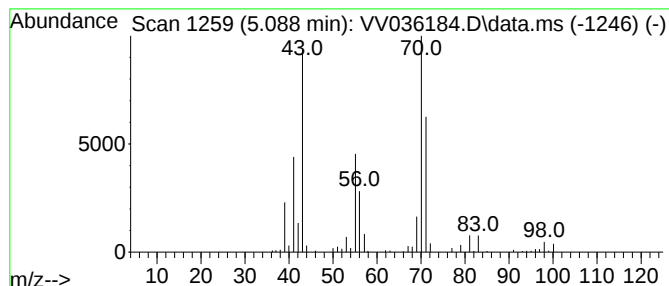
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.088	6.38 ug/L	264987	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	72
2			1-Heptene, 4-methyl-	112	C8H16	013151-05-8	64
3			1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59
4			1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59
5			Hexane, 3-methyl-	100	C7H16	000589-34-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

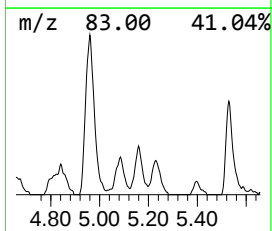
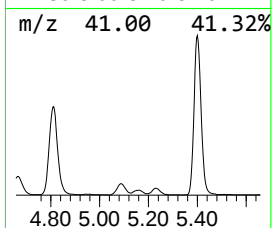
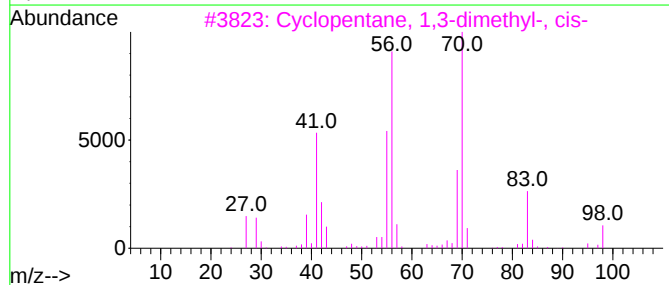
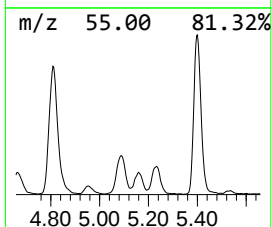
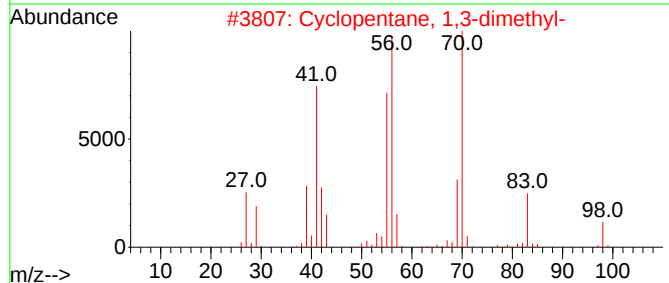
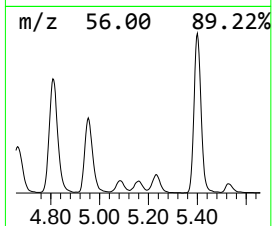
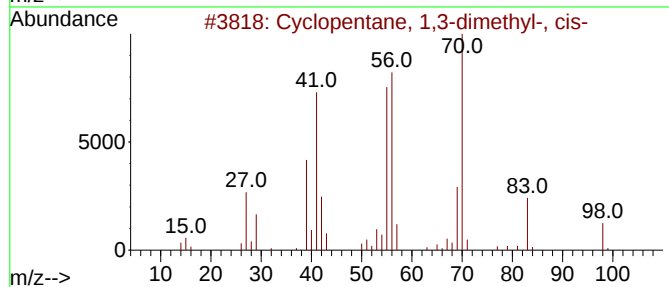
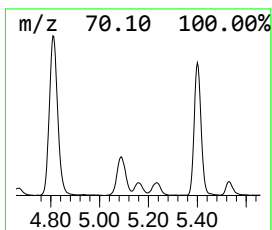
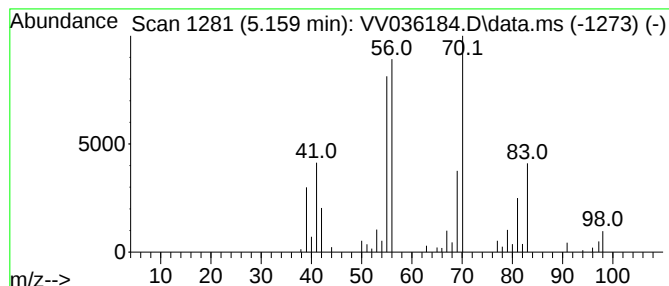
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic5.159 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.159	2.39 ug/L	99200	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80
2			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	72
3			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64
4			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	59
5			1-Nonanol	144	C9H20O	000143-08-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

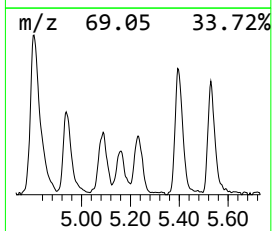
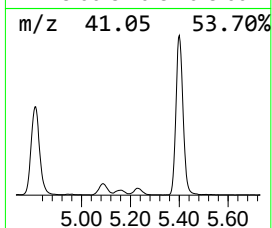
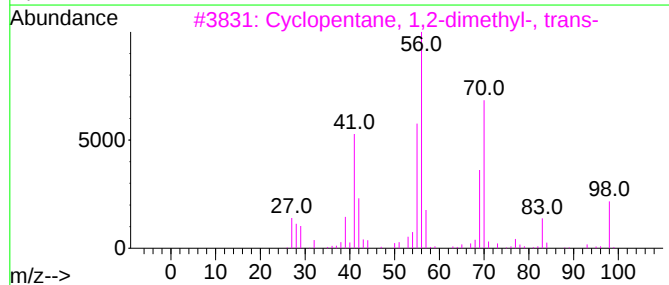
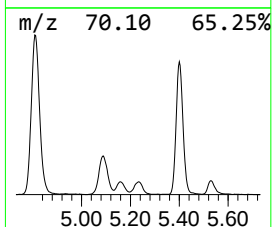
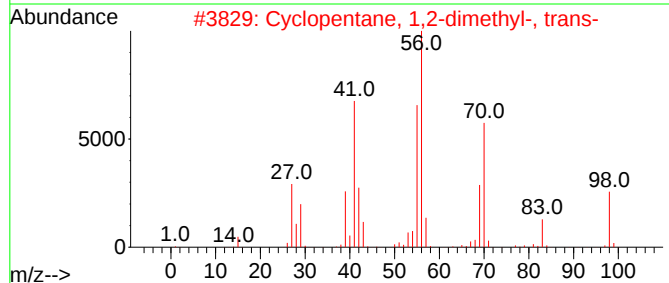
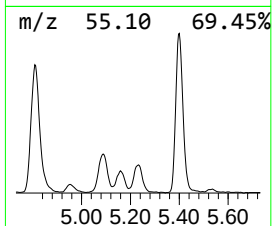
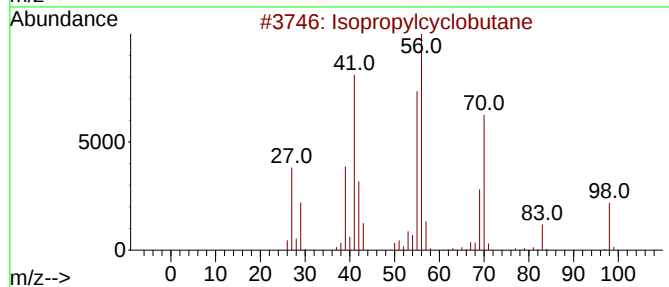
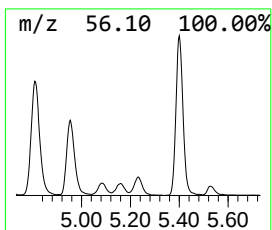
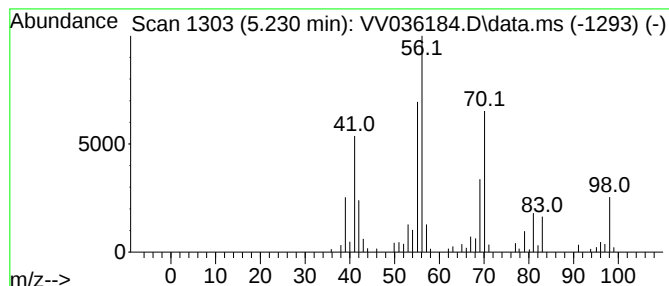
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic5.230 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.230	3.02 ug/L	125390	1,4-Difluorobenzene	5.529

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isopropylcyclobutane	98	C7H14	000872-56-0	91
2		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
3		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	81
4		1-Heptene	98	C7H14	000592-76-7	81
5		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

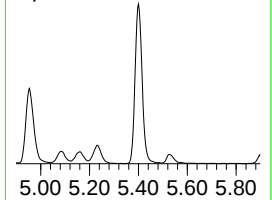
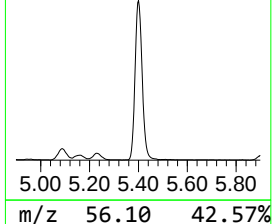
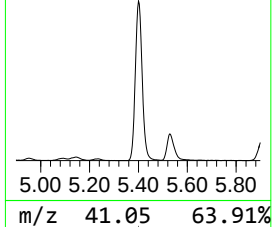
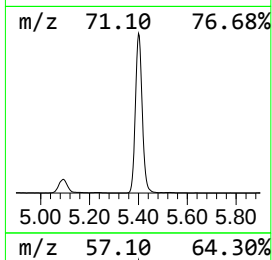
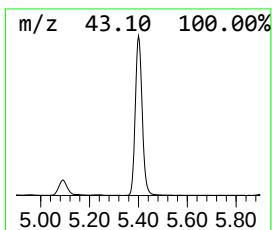
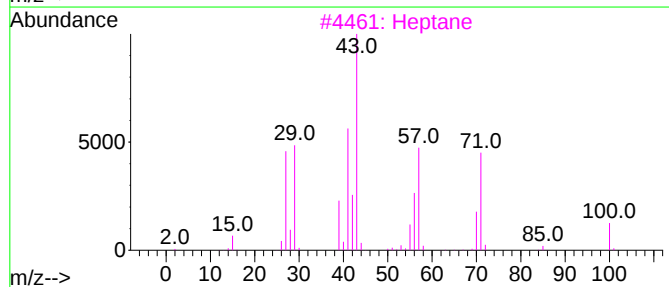
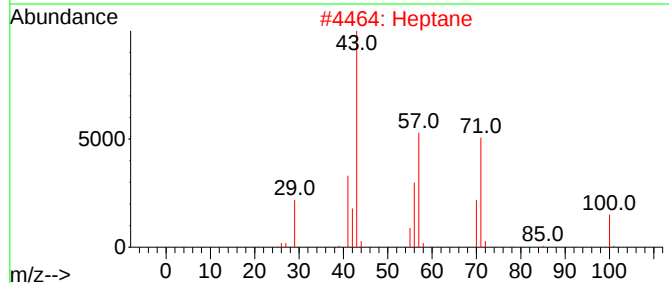
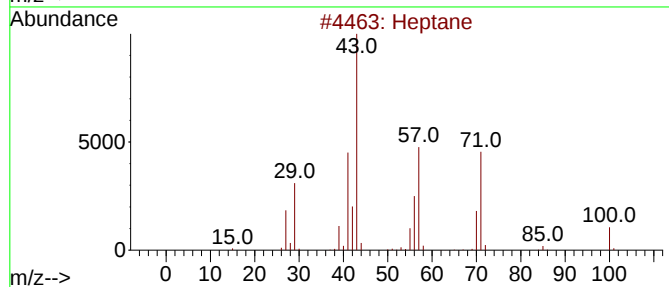
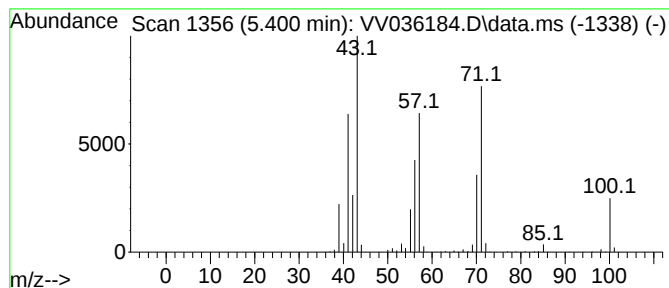
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.400	46.21 ug/L	1919840	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	91
2			Heptane	100	C7H16	000142-82-5	80
3			Heptane	100	C7H16	000142-82-5	74
4			Heptane	100	C7H16	000142-82-5	64
5			Hexane, 3-methyl-	100	C7H16	000589-34-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

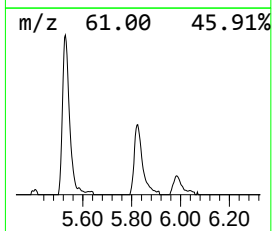
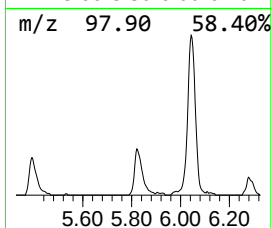
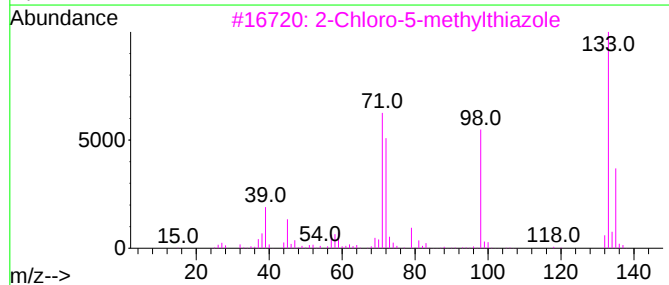
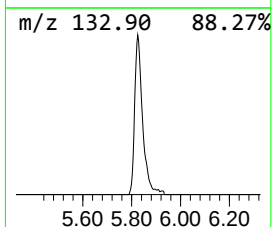
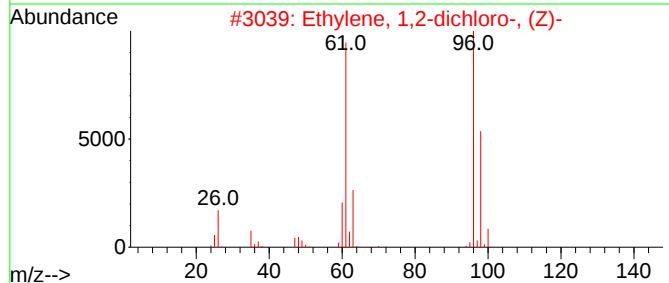
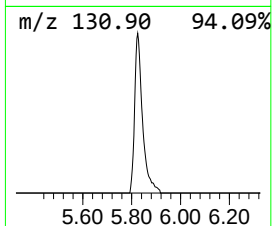
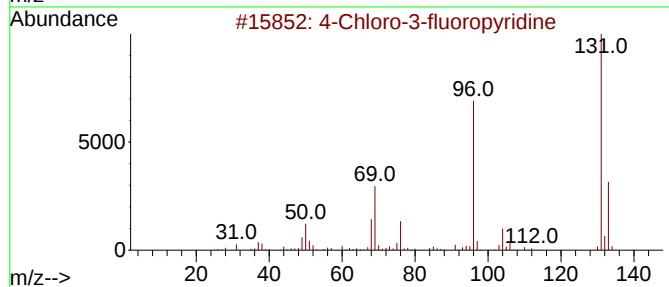
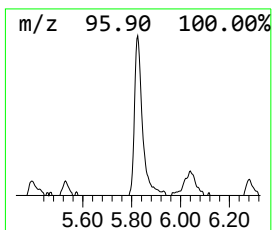
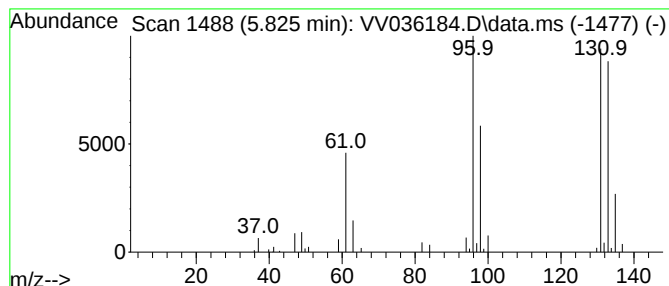
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 8 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.825	1.62 ug/L	67199	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	30
2			Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	30
3			2-Chloro-5-methylthiazole	133	C4H4ClNS	033342-65-3	27
4			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
5			Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

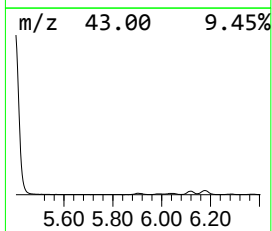
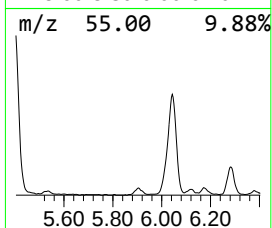
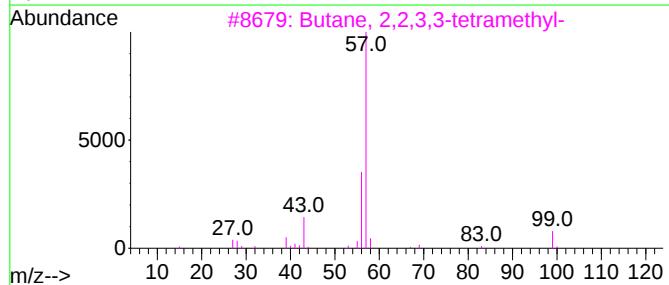
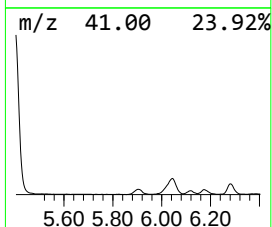
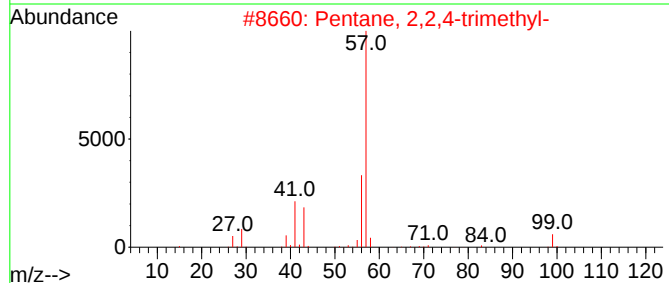
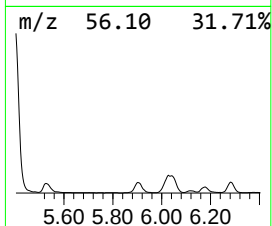
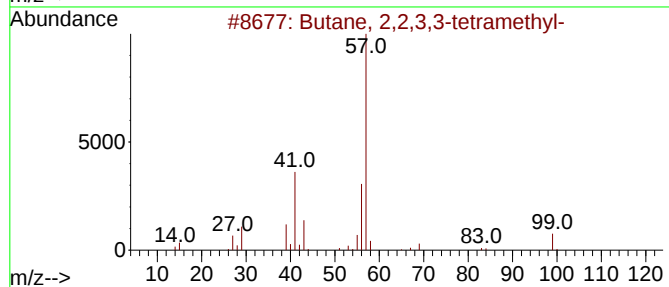
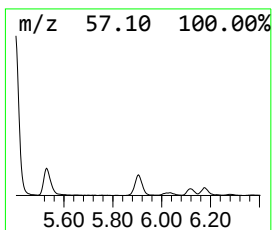
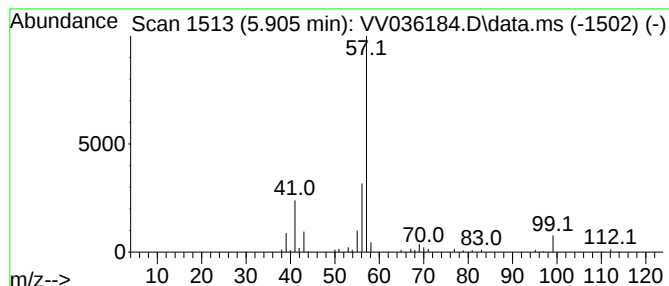
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.905	1.63 ug/L	67815	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
3			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50
4			Methane, isocyanato-	57	C2H3NO	000624-83-9	50
5			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

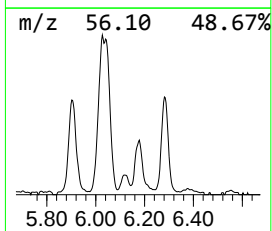
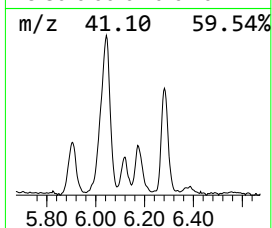
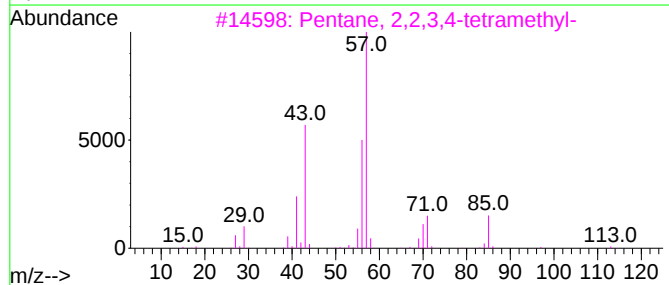
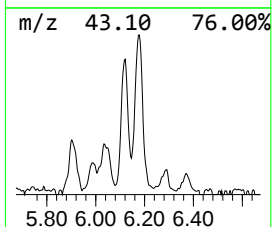
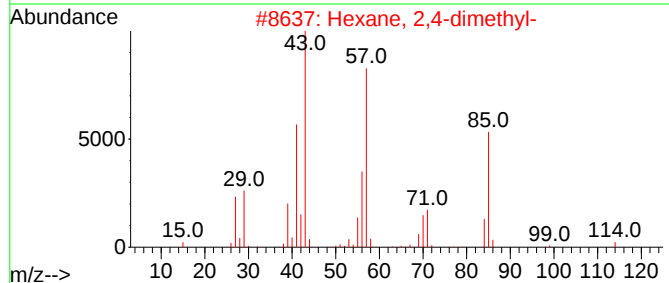
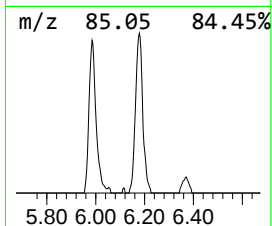
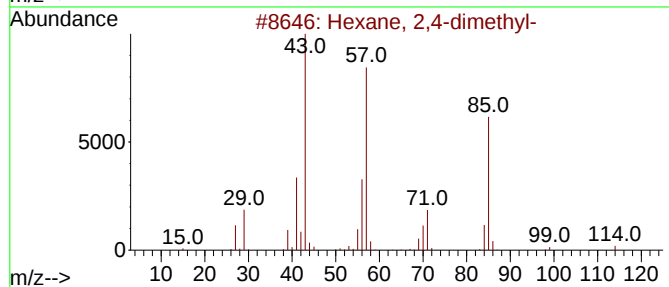
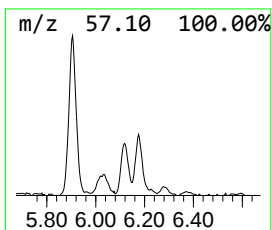
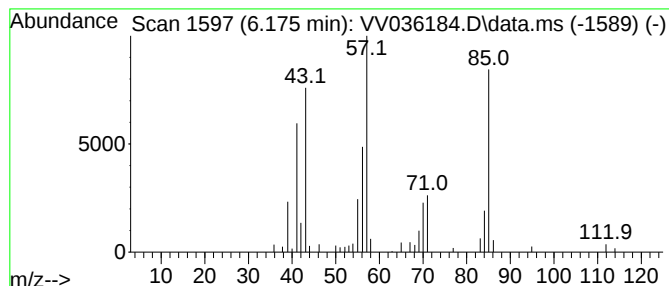
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.175	1.50 ug/L	62447	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	81
3			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72
4			Oxalic acid, diisohexyl ester	258	C14H26O4	1010309-32-9	53
5			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

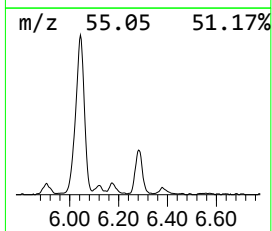
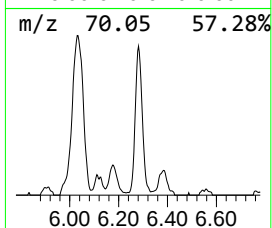
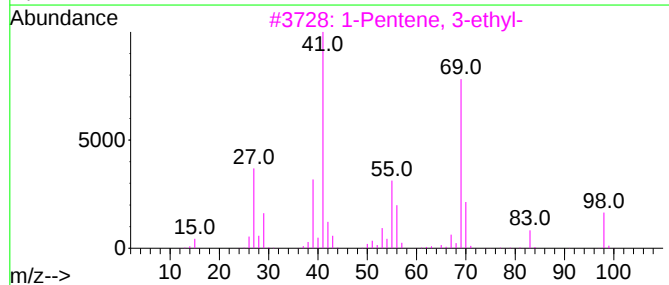
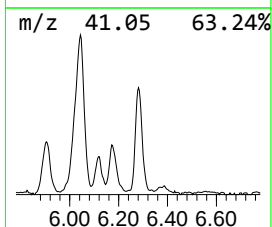
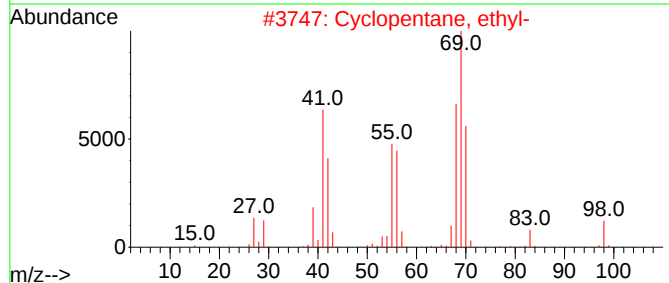
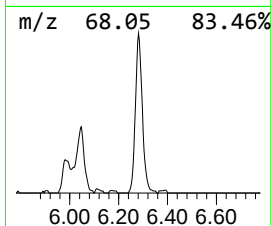
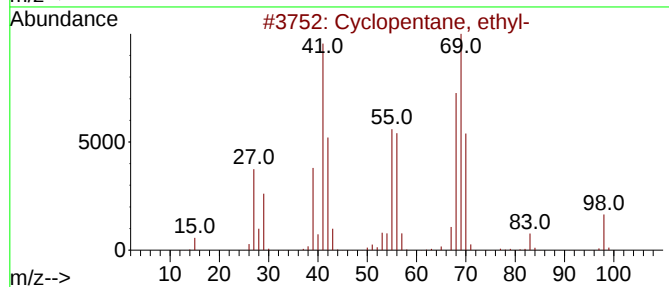
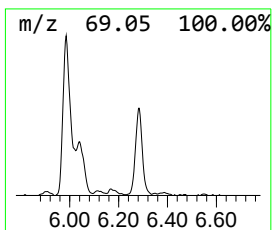
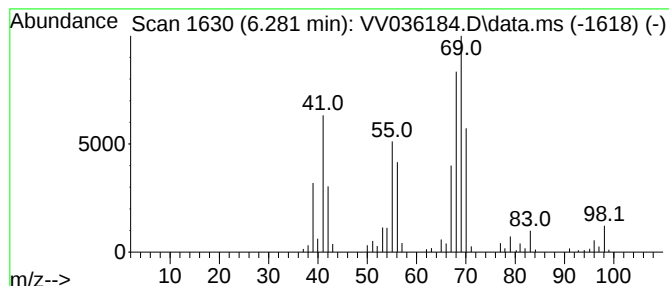
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Cyclic6.281 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.281	3.48 ug/L	144491	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, ethyl-	98	C7H14	001640-89-7	76
2			Cyclopentane, ethyl-	98	C7H14	001640-89-7	74
3			1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	38
4			3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	38
5			1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

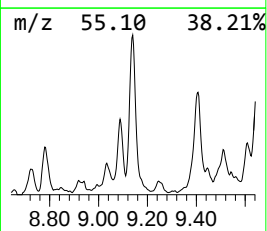
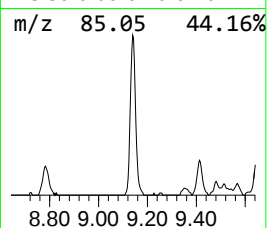
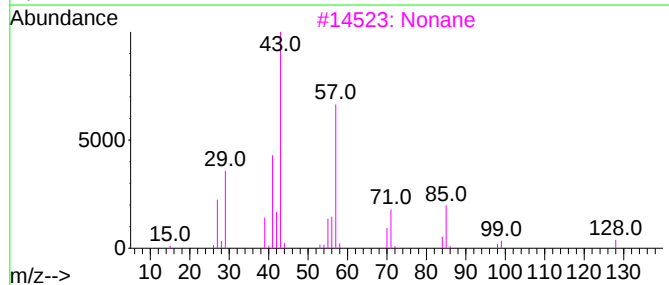
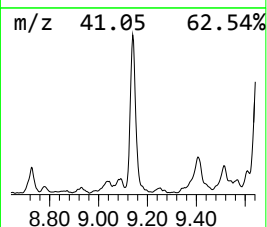
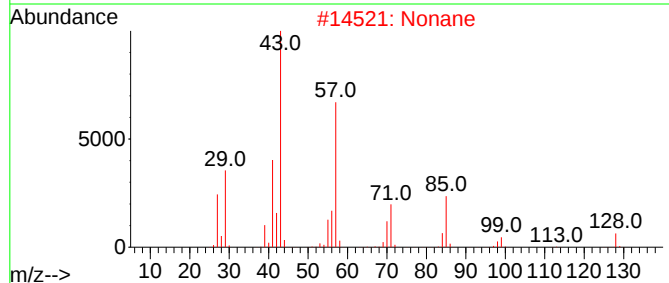
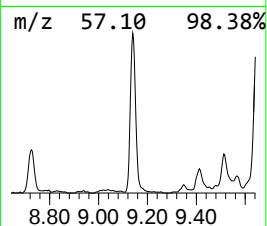
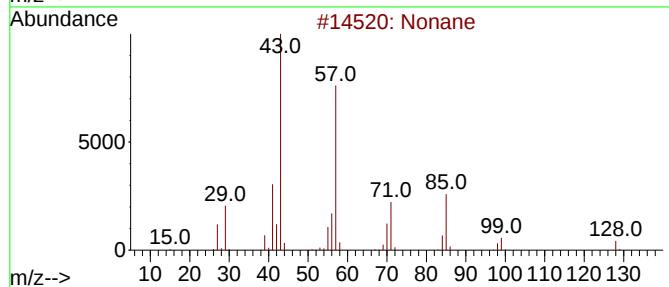
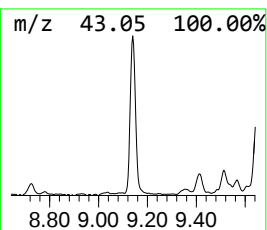
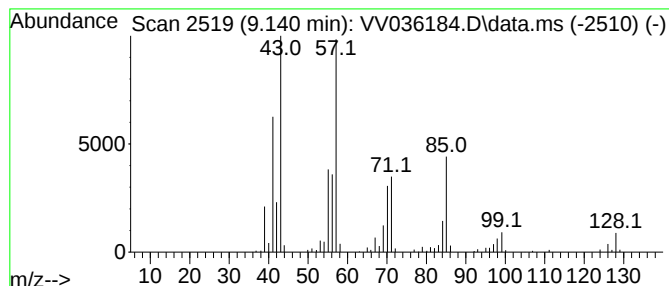
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.140	4.21 ug/L	207044	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	87
2	Nonane			128	C9H20	000111-84-2	87
3	Nonane			128	C9H20	000111-84-2	86
4	Nonane			128	C9H20	000111-84-2	72
5	Octane			114	C8H18	000111-65-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

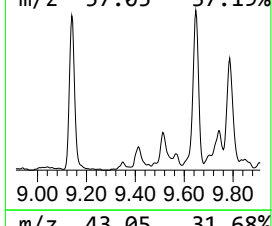
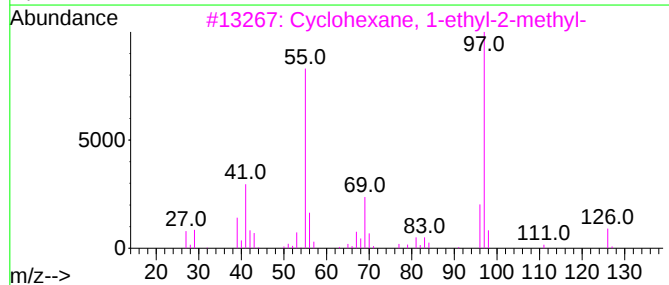
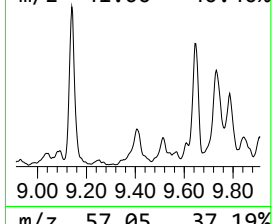
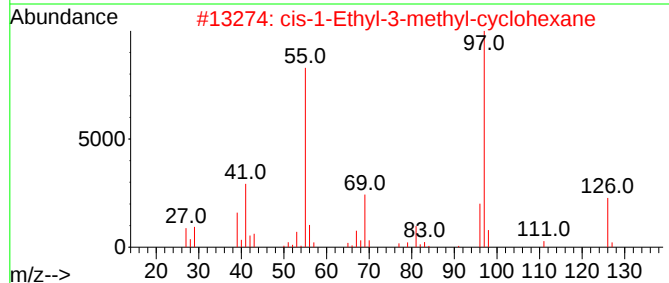
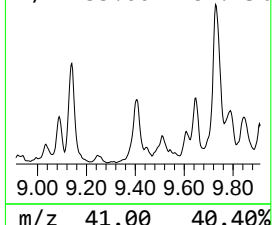
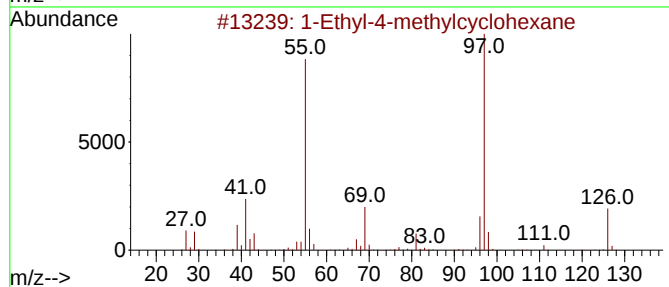
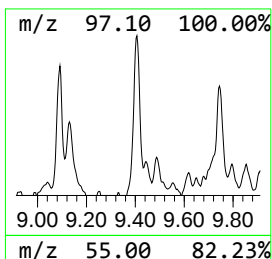
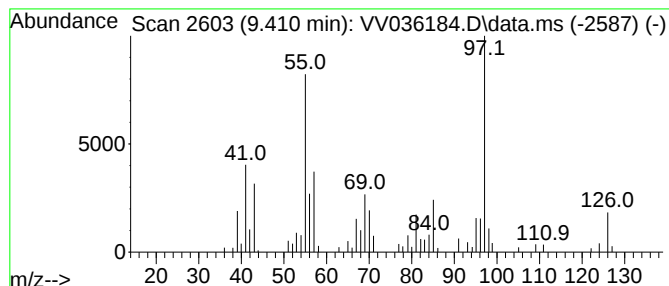
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic9.410 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	1.57 ug/L	77152	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	62
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	58
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	53
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

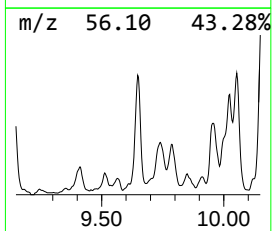
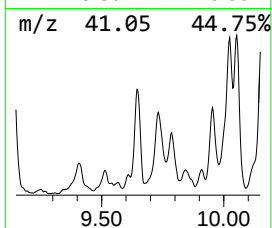
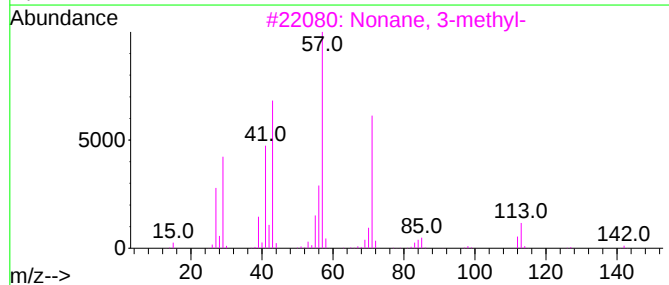
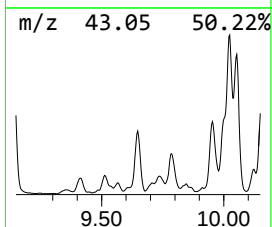
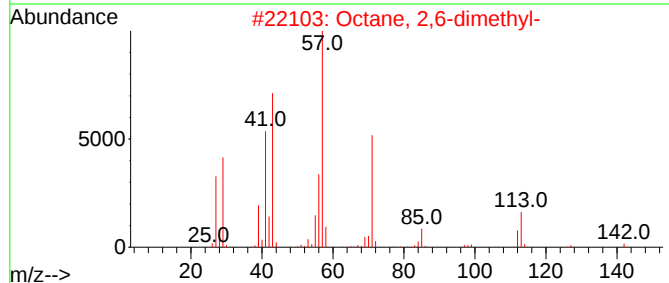
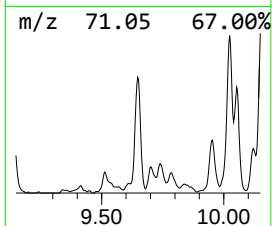
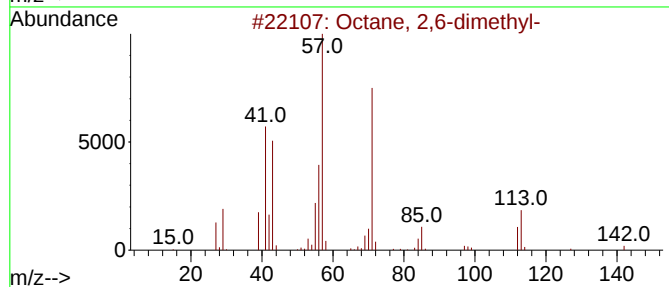
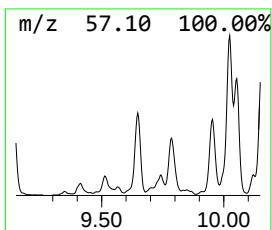
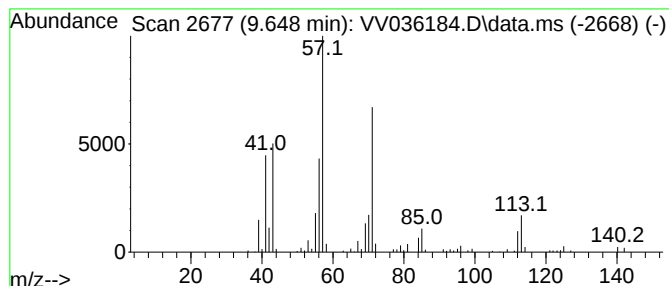
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.648	3.52 ug/L	173323	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	68
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

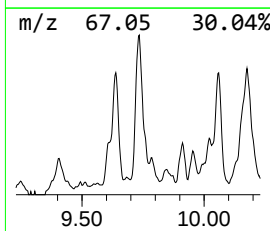
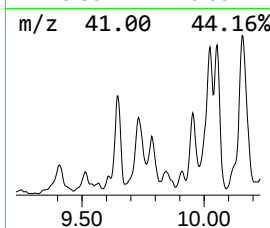
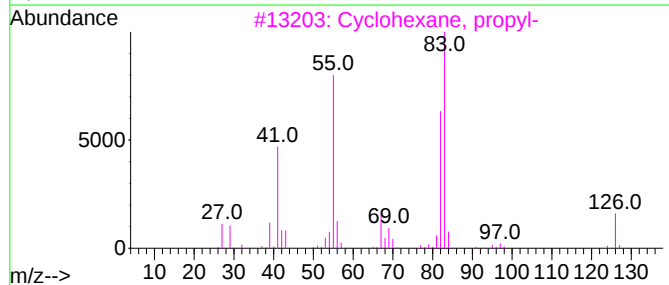
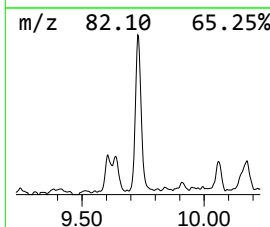
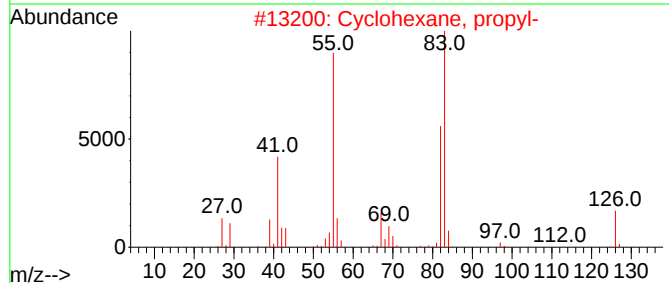
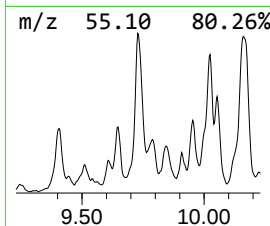
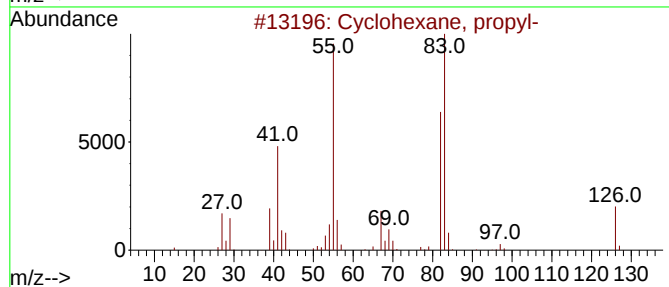
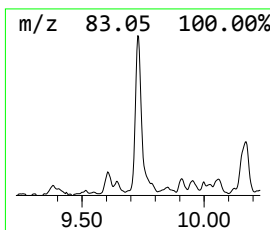
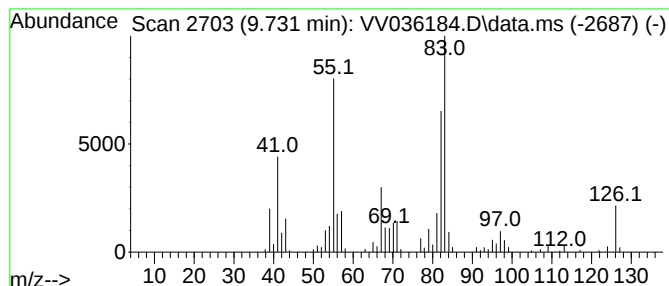
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic9.731 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.731	4.46 ug/L	219192	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	83
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	80
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	80
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

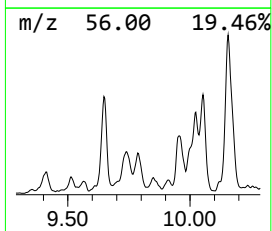
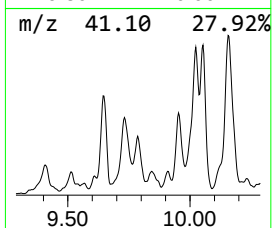
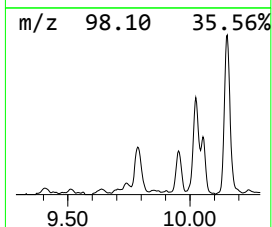
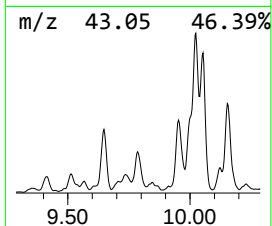
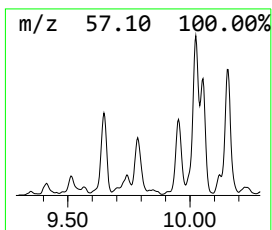
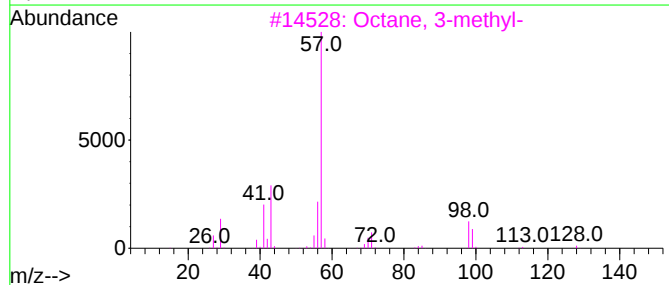
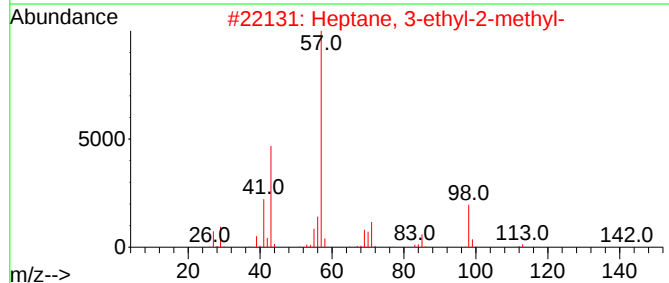
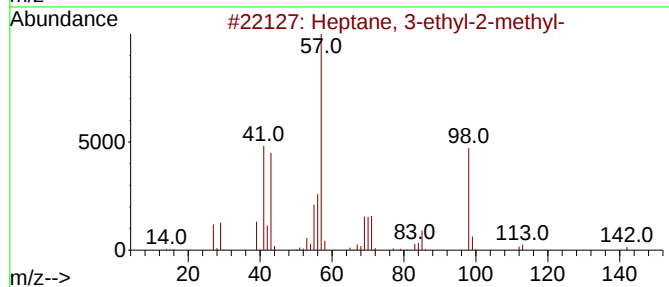
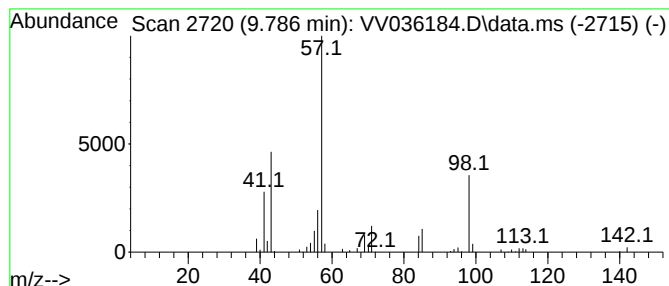
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	1.92 ug/L	94416	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3		Octane, 3-methyl-	128	C9H20	002216-33-3	59
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
5		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

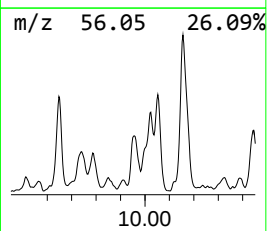
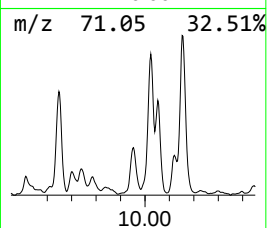
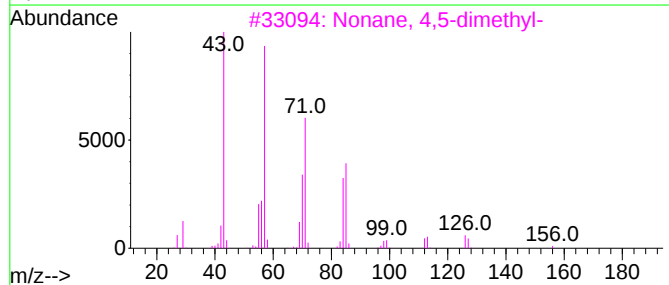
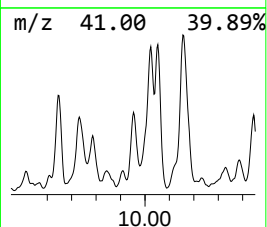
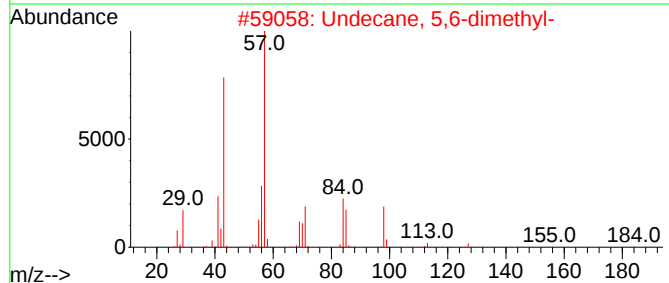
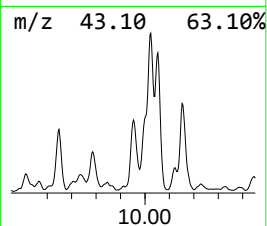
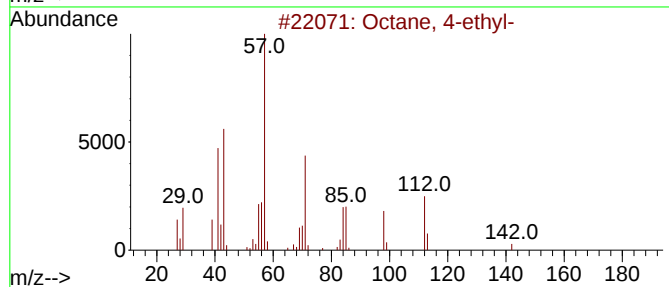
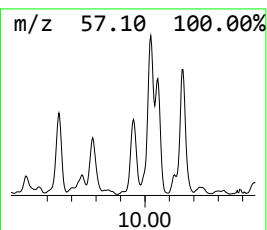
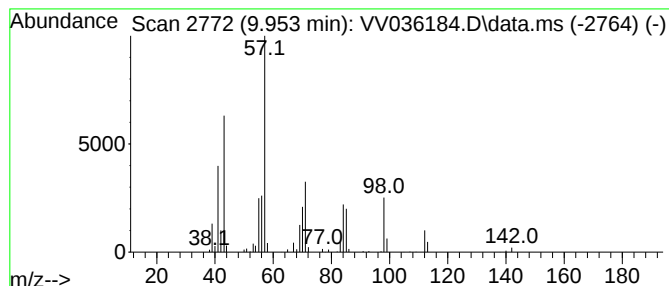
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	2.85 ug/L	140243	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 4-ethyl-	142	C10H22	015869-86-0	53
2		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
3		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	50
4		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	49
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

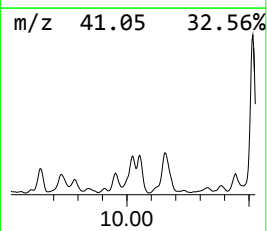
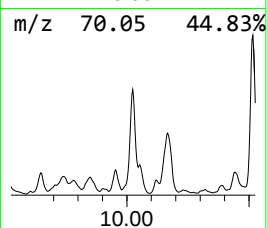
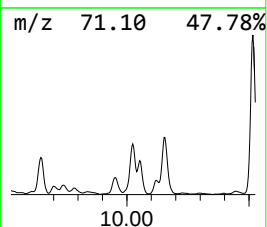
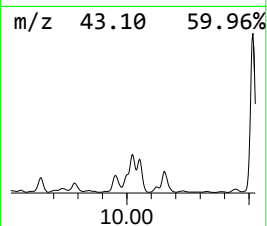
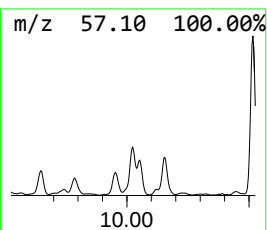
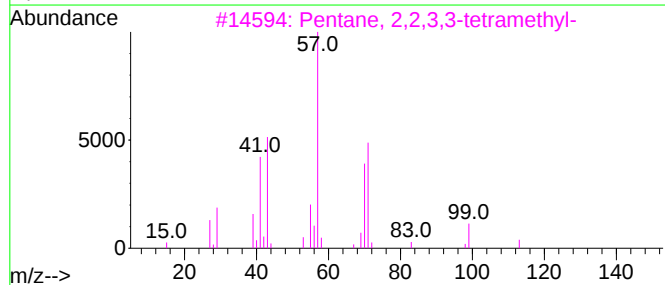
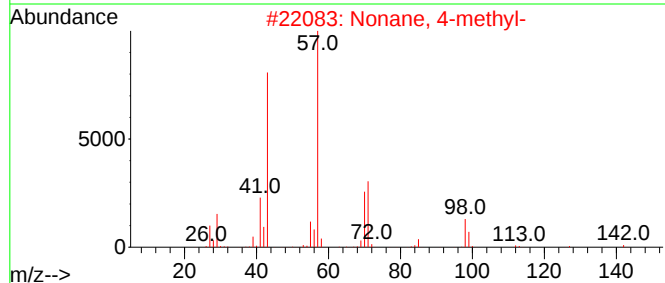
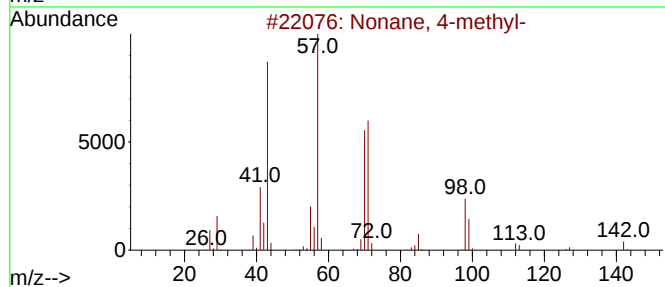
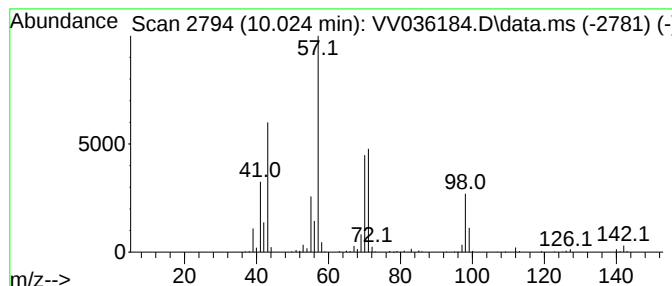
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.024	6.49 ug/L	336452	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	90
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	72
3			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
4			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

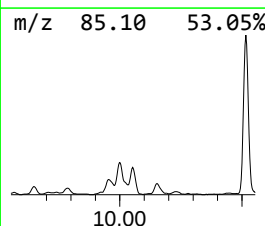
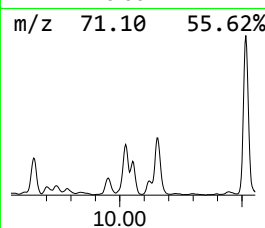
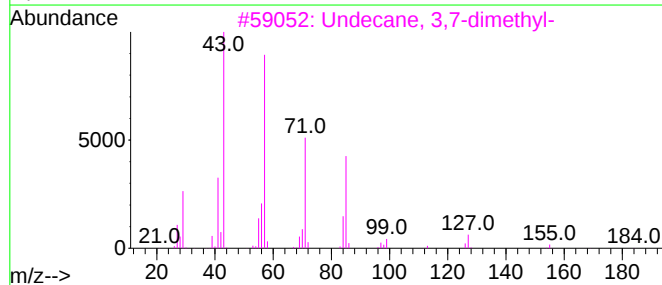
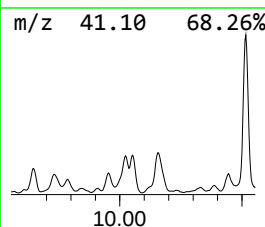
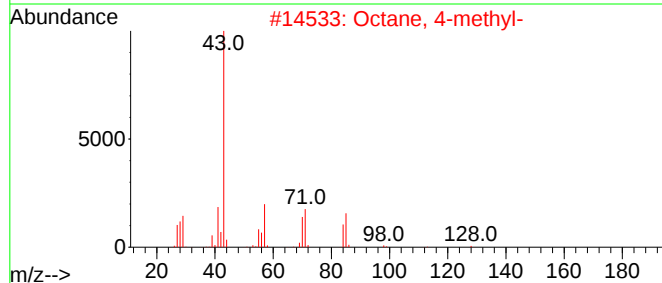
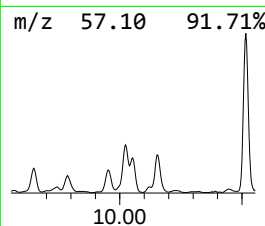
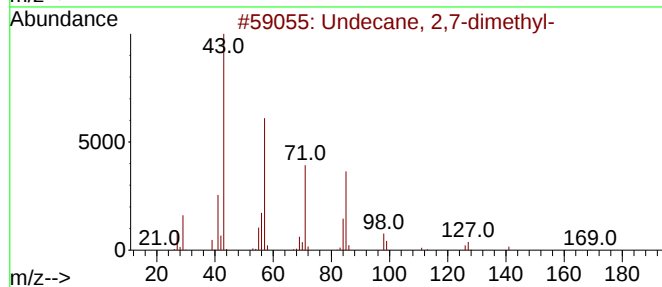
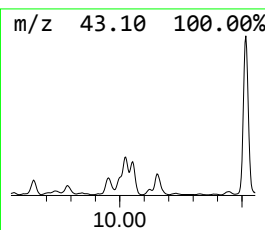
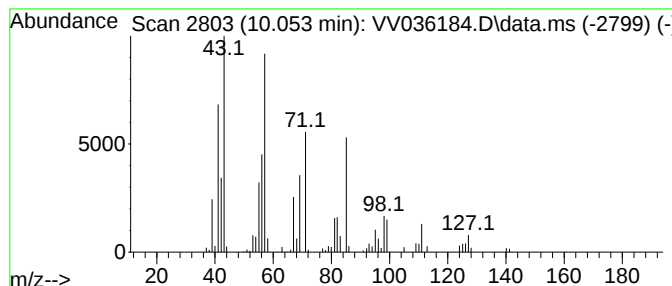
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.053	4.11 ug/L	213102	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	47
2			Octane, 4-methyl-	128	C9H20	002216-34-4	47
3			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	43
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43
5			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

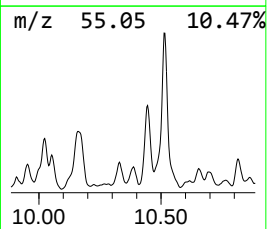
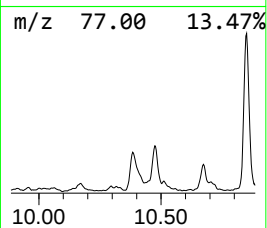
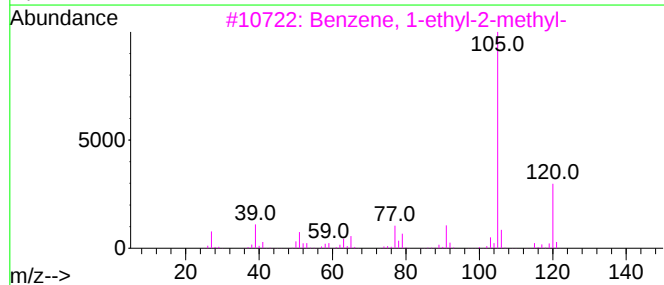
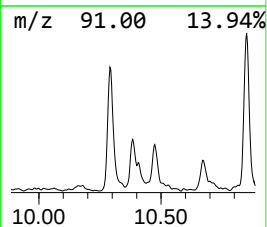
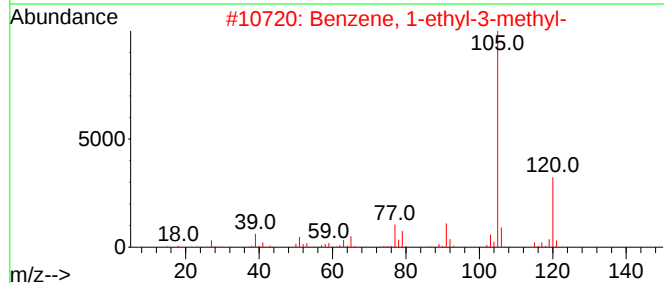
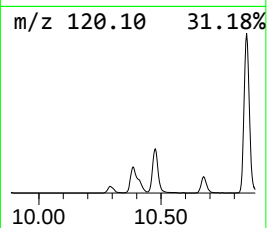
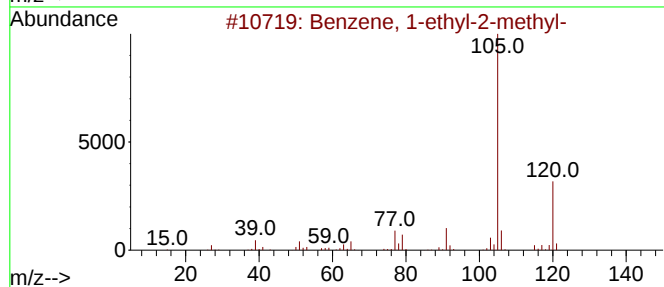
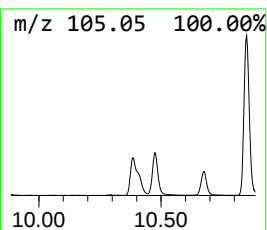
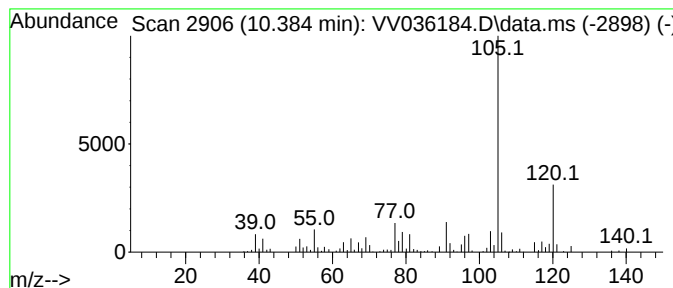
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1-ethyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.384	4.22 ug/L	218938	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

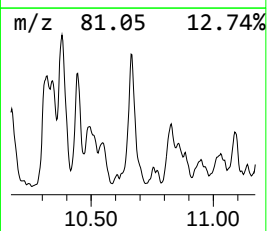
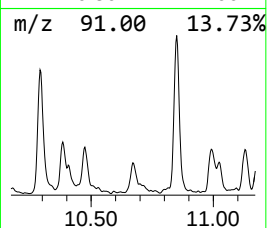
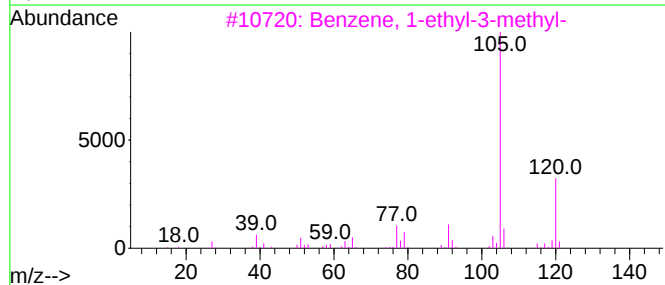
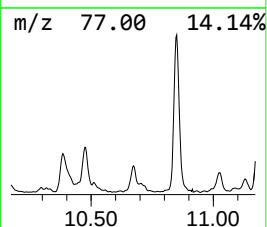
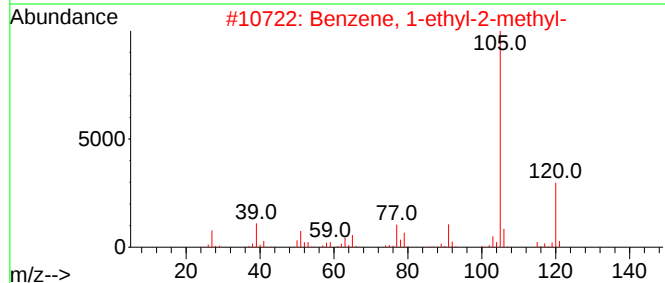
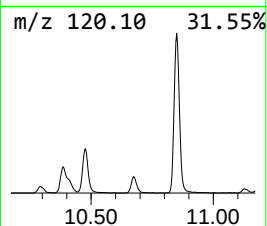
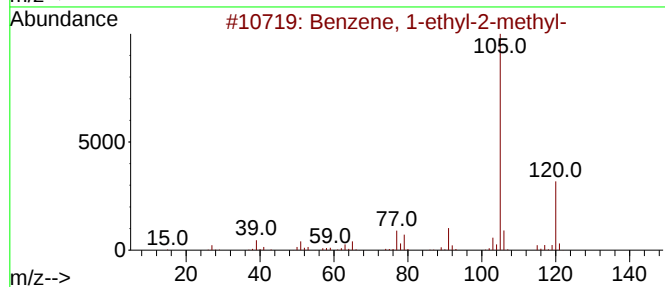
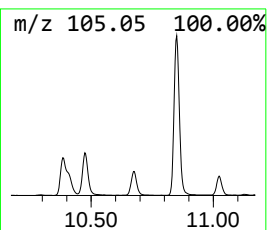
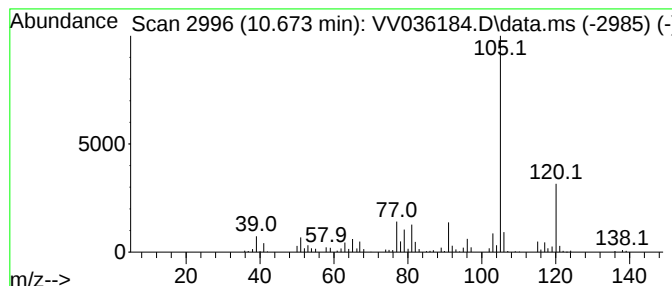
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1-ethyl-3-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.673	2.30 ug/L	119071	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	89
5			Mesitylene	120	C9H12	000108-67-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

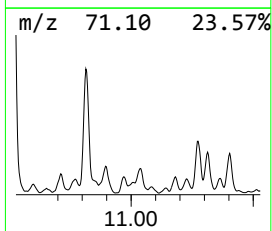
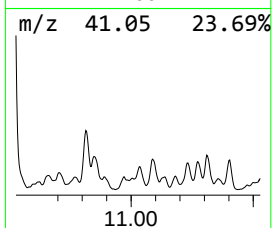
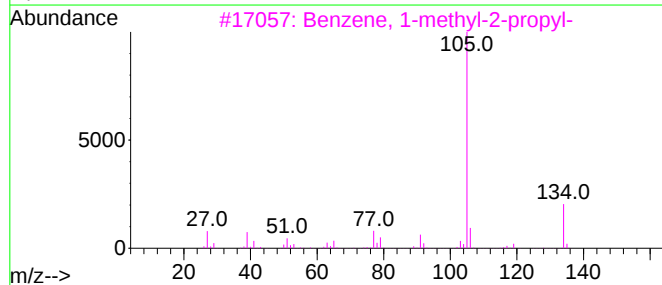
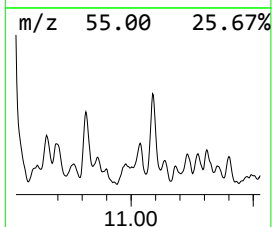
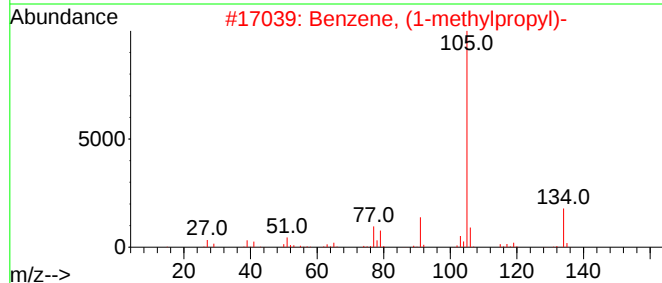
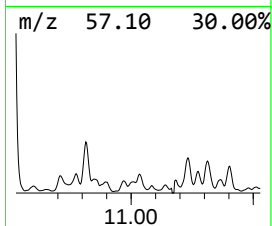
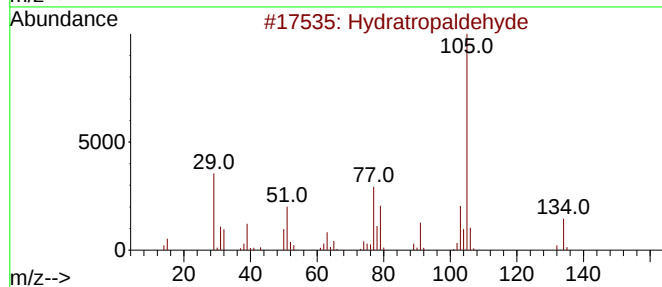
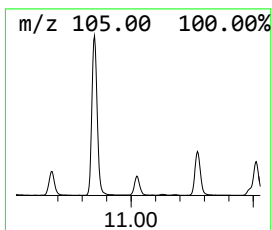
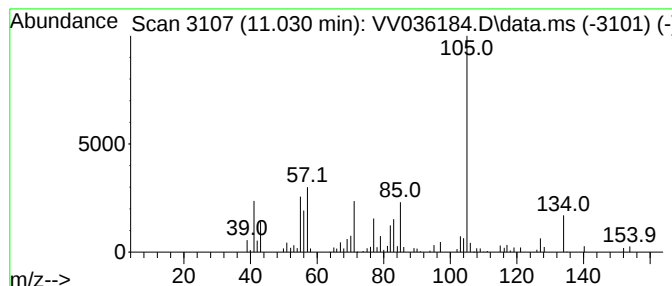
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 24 unknown-02 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.030	1.81 ug/L	93980	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydratropaldehyde	134	C9H10O	034713-70-7	27
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	14
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	14
4			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	14
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

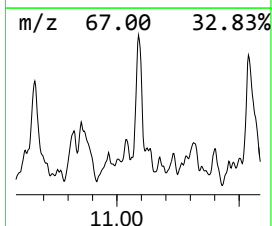
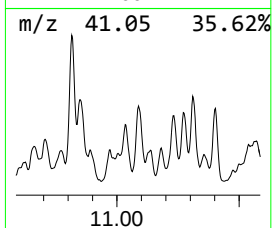
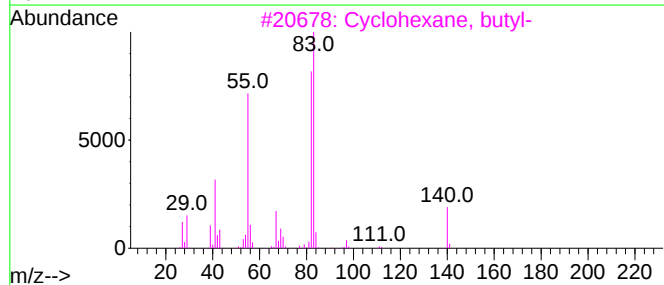
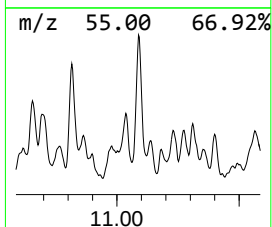
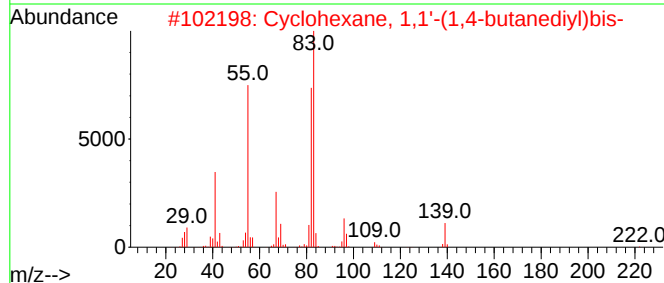
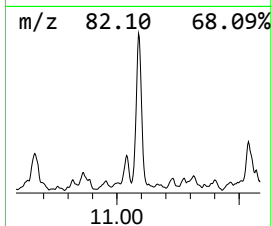
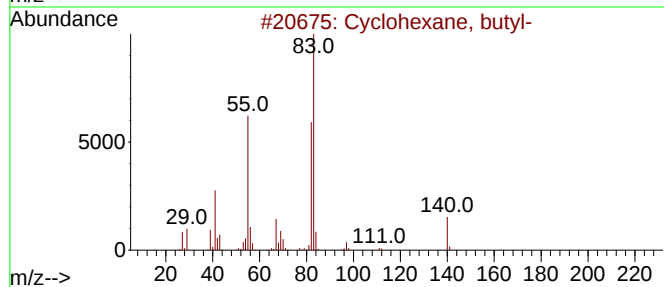
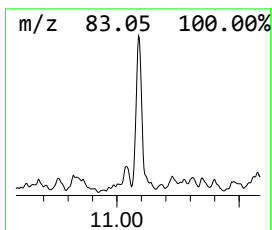
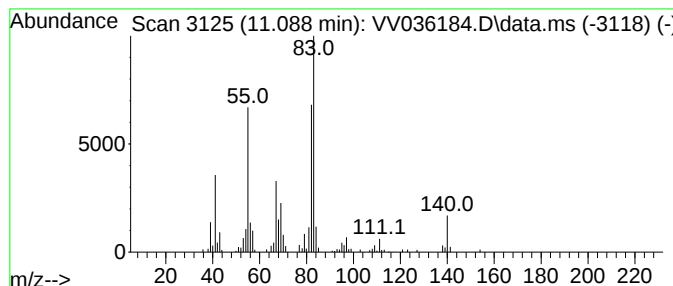
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Cyclic11.088 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.088	1.56 ug/L	80971	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	81
2			Cyclohexane, 1,1'-(1,4-butanediyl)bis-	222	C16H30	006165-44-2	78
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	74
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	74
5			Cyclohexane, decyl-	224	C16H32	001795-16-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

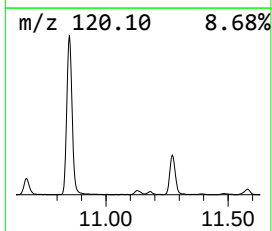
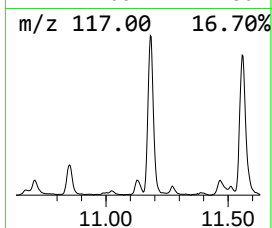
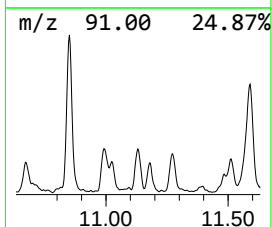
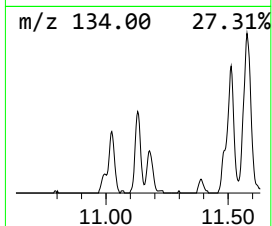
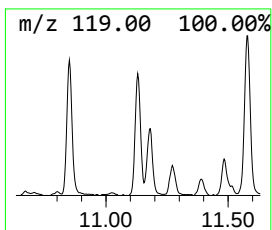
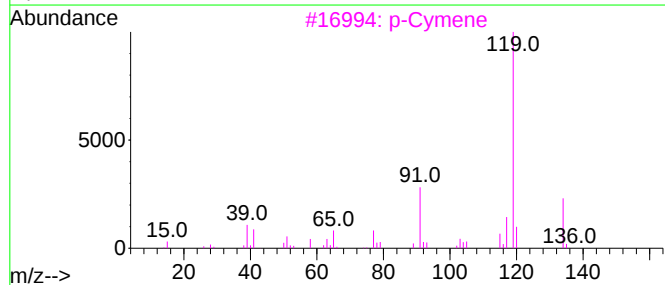
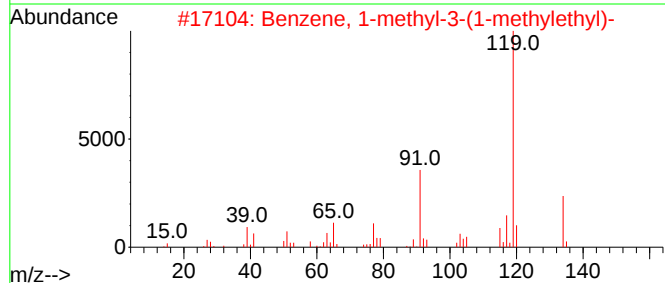
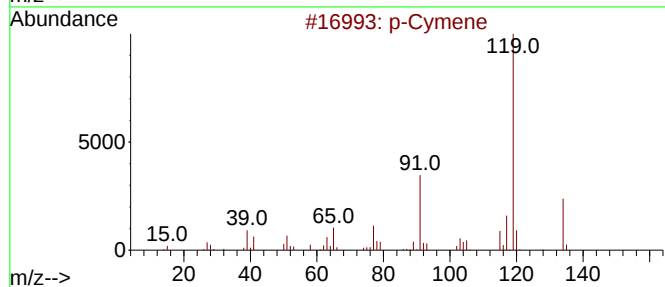
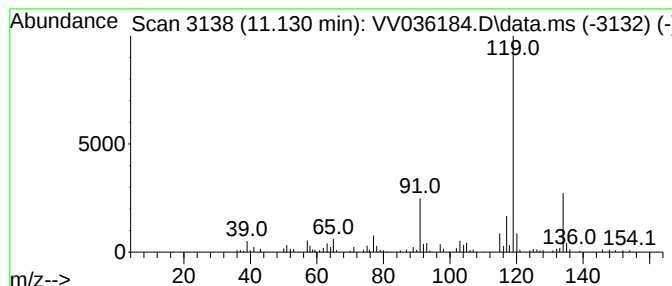
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 26 p-Cymene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.130	1.30 ug/L	67505	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	93
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
3			p-Cymene	134	C10H14	000099-87-6	93
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

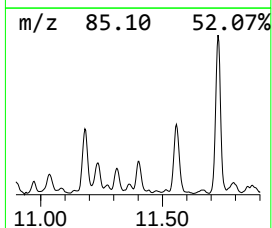
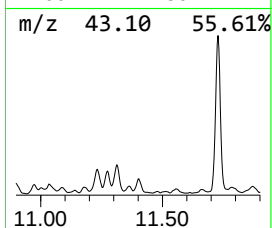
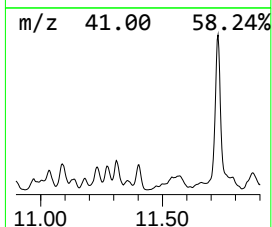
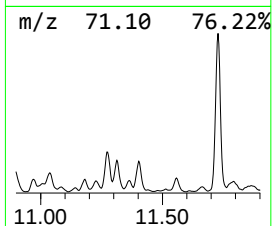
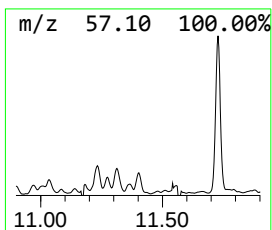
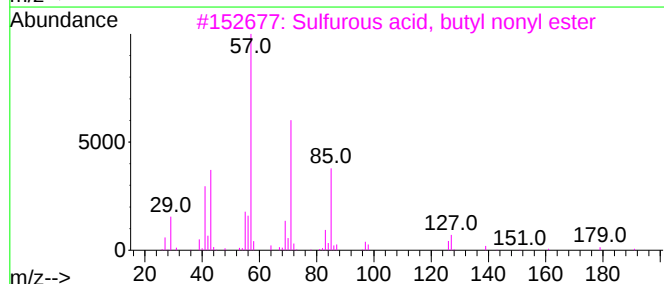
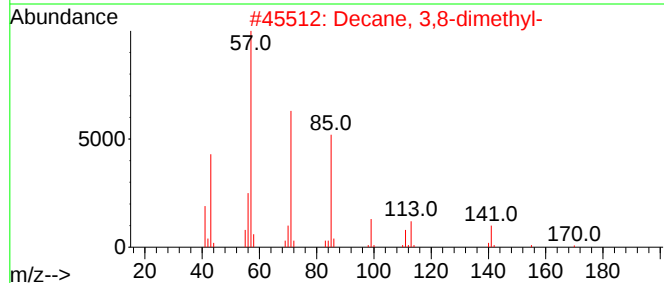
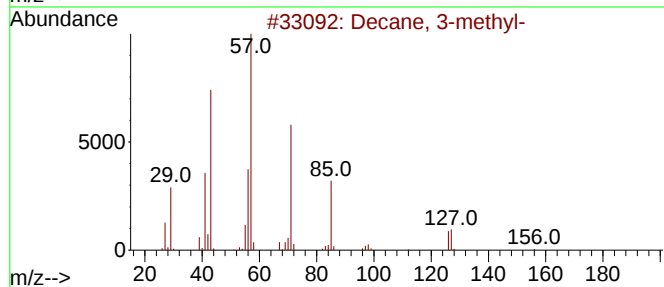
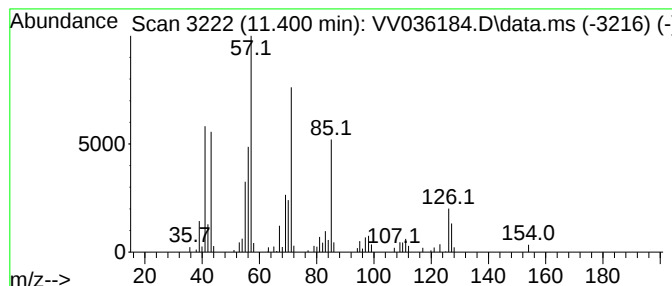
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.400	1.46 ug/L	75847	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	59
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
3			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47
5			Decane, 3-methyl-	156	C11H24	013151-34-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

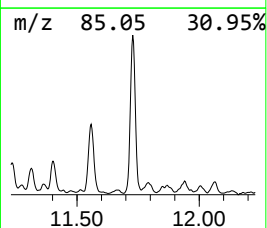
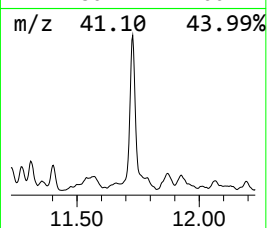
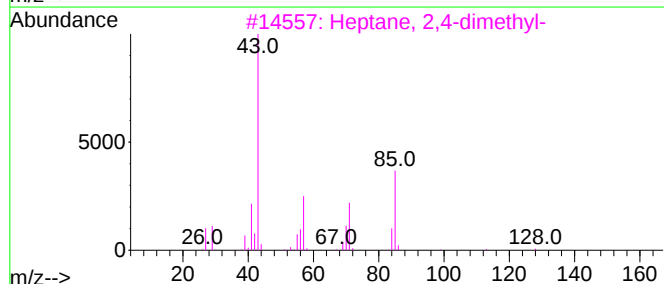
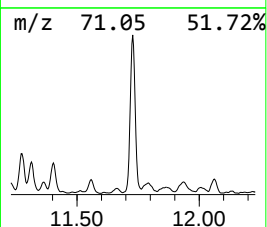
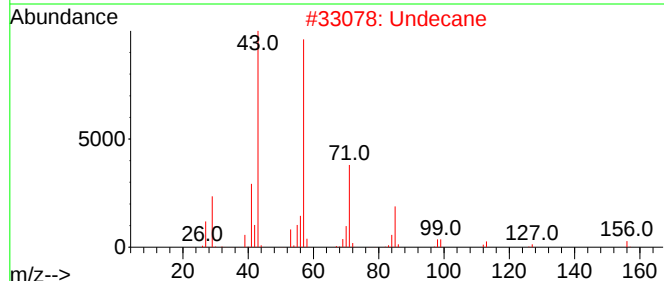
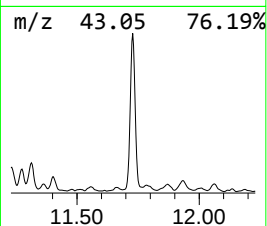
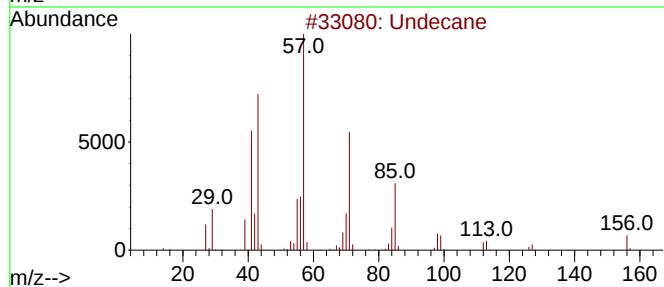
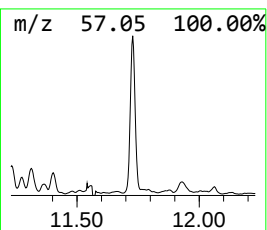
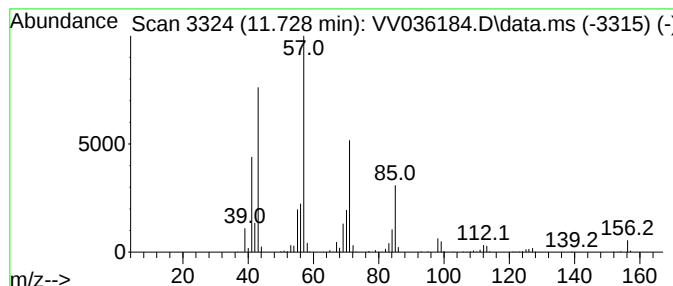
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.728	11.14 ug/L	577664	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	94
2	Undecane			156	C11H24	001120-21-4	83
3	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	72
4	Undecane			156	C11H24	001120-21-4	70
5	Undecane			156	C11H24	001120-21-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

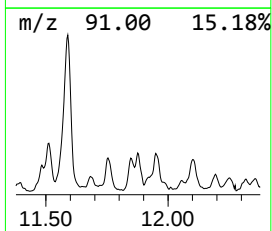
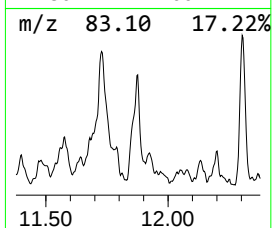
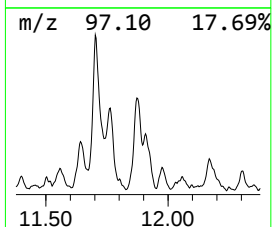
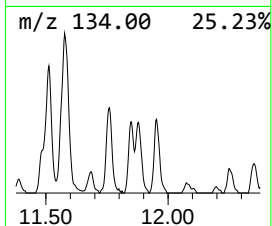
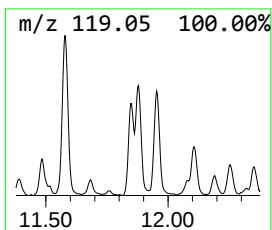
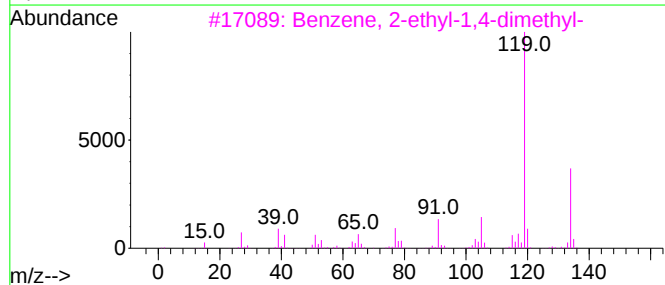
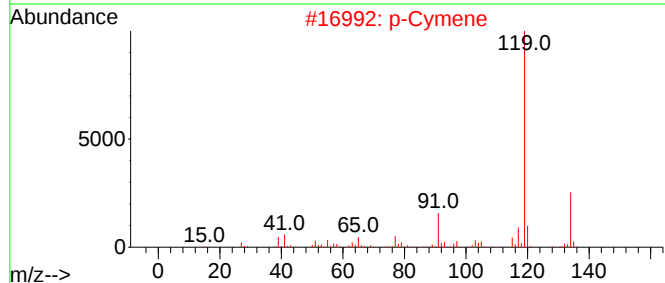
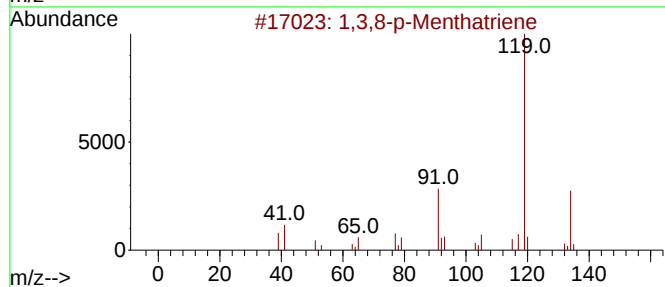
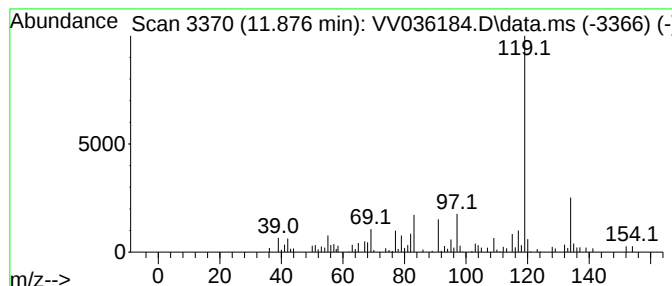
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 30 1,3,8-p-Menthatriene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.876	1.41 ug/L	73224	1,4-Dichlorobenzene-d4	11.181

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	87
2		p-Cymene	134	C10H14	000099-87-6	87
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

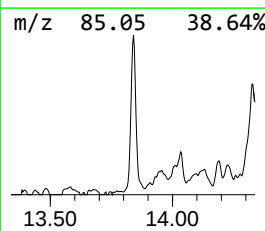
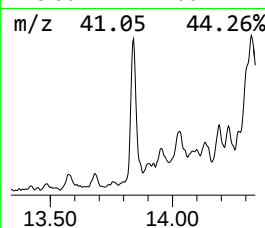
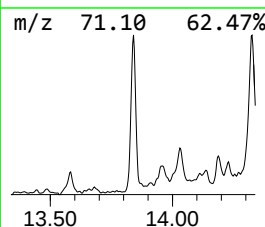
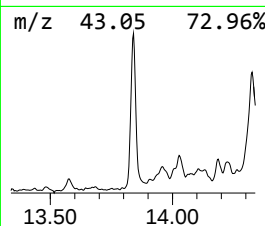
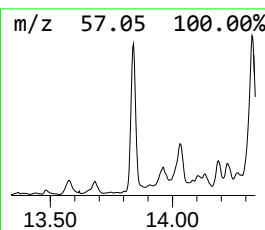
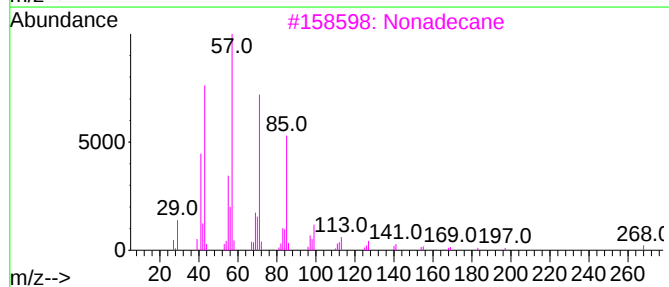
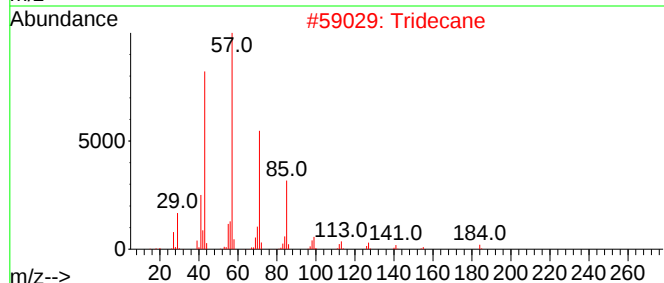
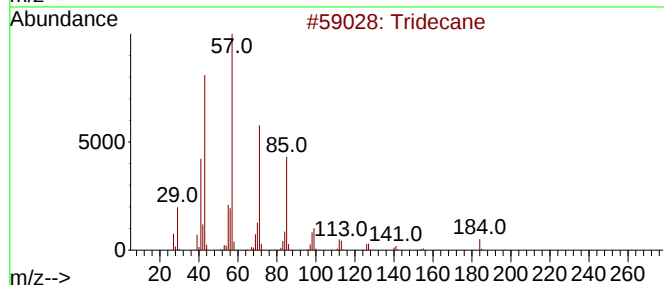
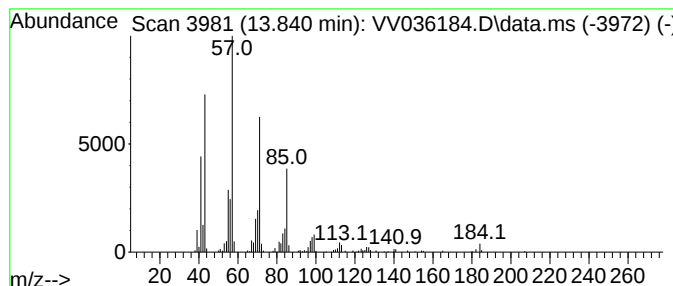
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.840	3.05 ug/L	158065	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Tridecane	184	C13H28	000629-50-5	87
3			Nonadecane	268	C19H40	000629-92-5	87
4			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	80
5			Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

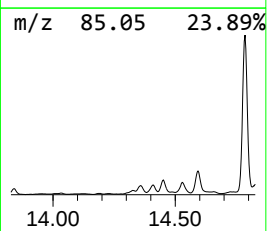
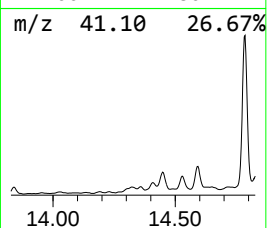
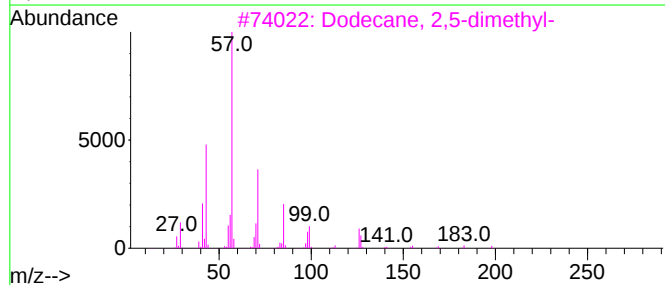
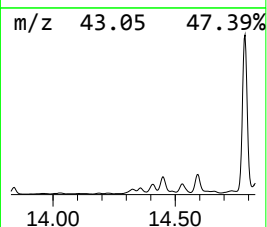
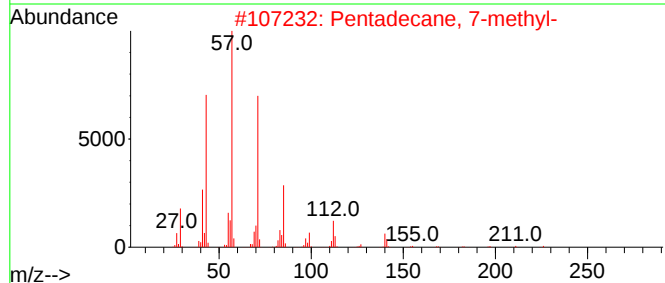
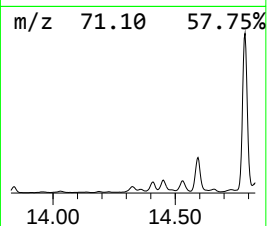
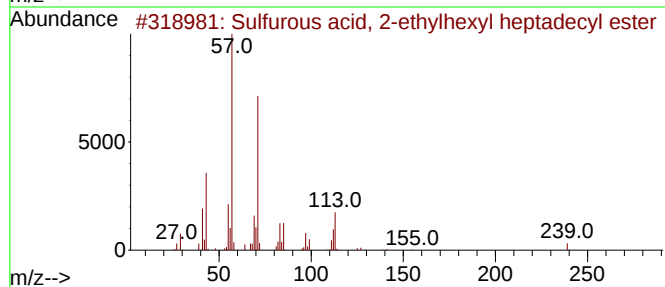
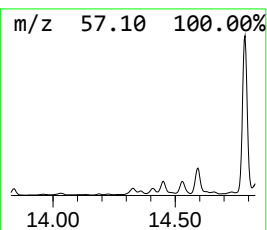
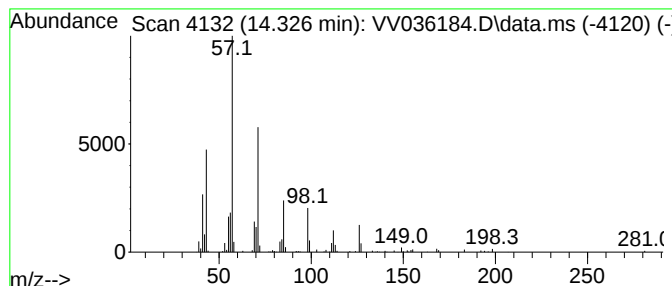
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 33 Sulfurous acid, 2-ethylhexy... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.326	2.93 ug/L	151724	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	50
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	50
3			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	49
4			2-Undecene, 5-methyl-	168	C12H24	056851-34-4	49
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

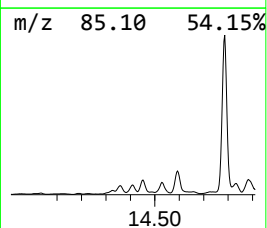
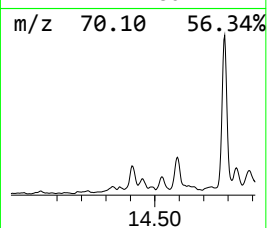
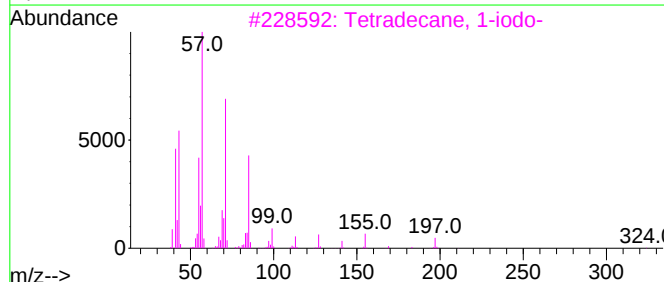
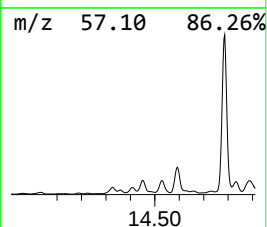
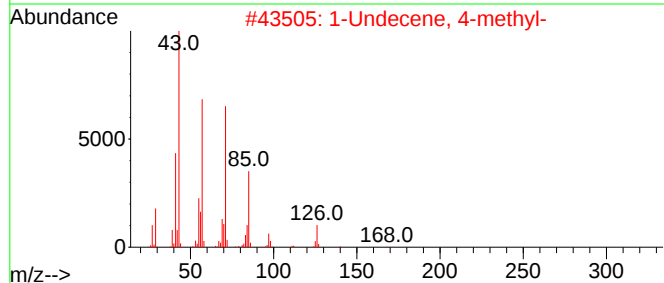
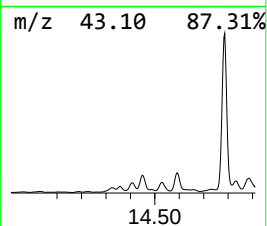
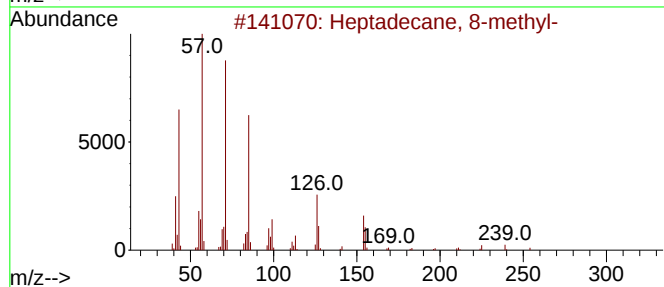
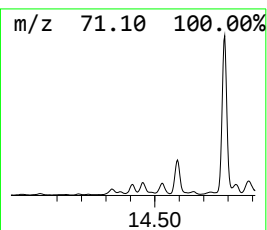
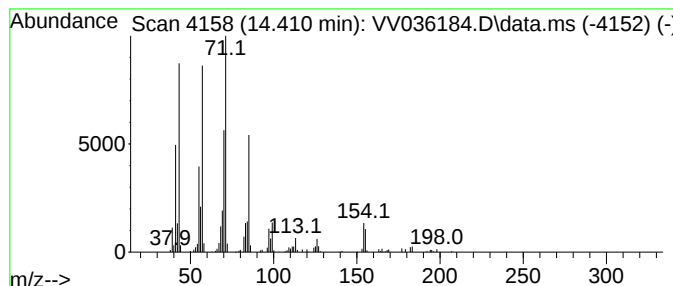
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.410	2.52 ug/L	130695	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
2			1-Undecene, 4-methyl-	168	C12H24	074630-39-0	64
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
4			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	47
5			Ether, hexyl pentyl	172	C11H24O	032357-83-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

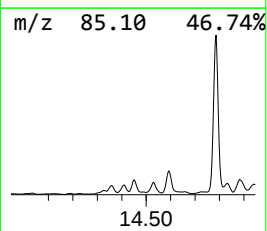
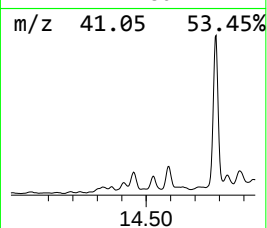
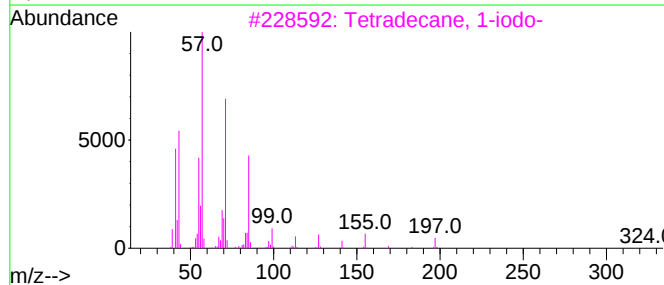
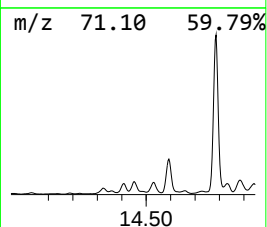
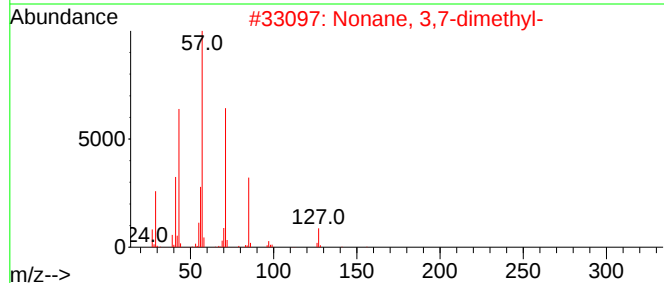
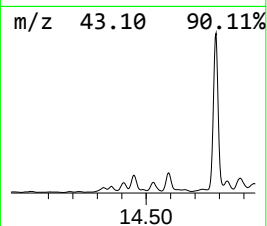
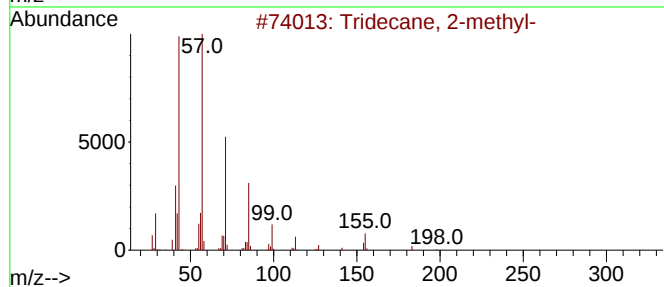
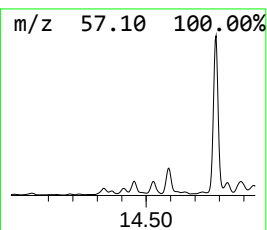
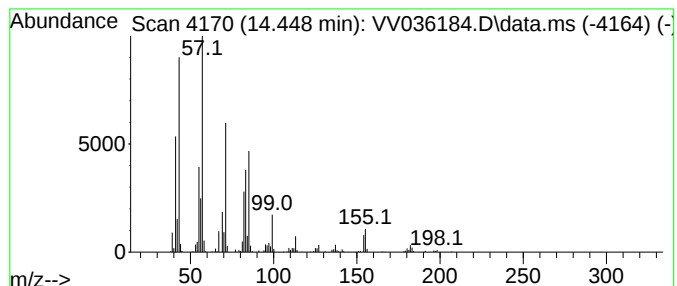
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.448	6.82 ug/L	353445	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	86
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

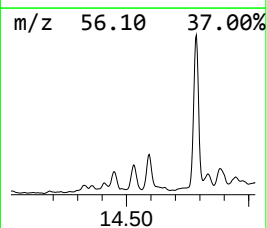
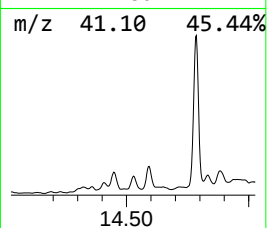
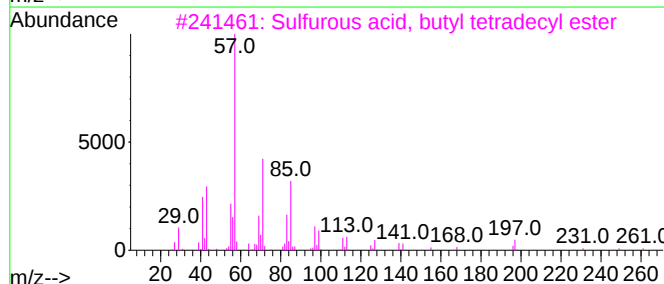
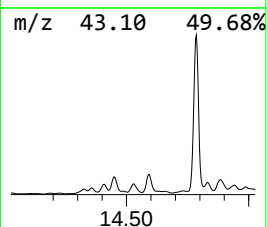
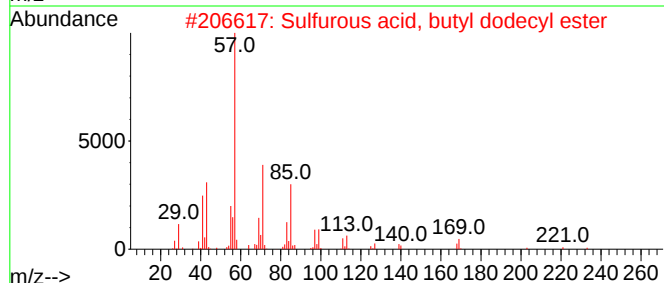
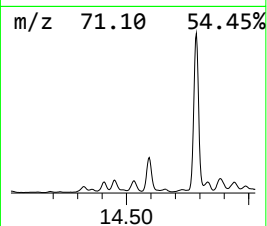
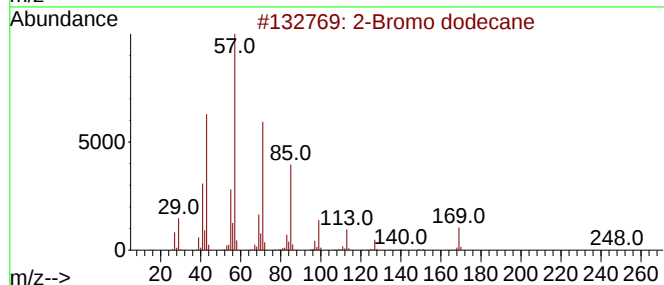
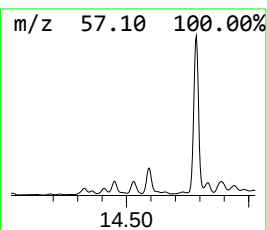
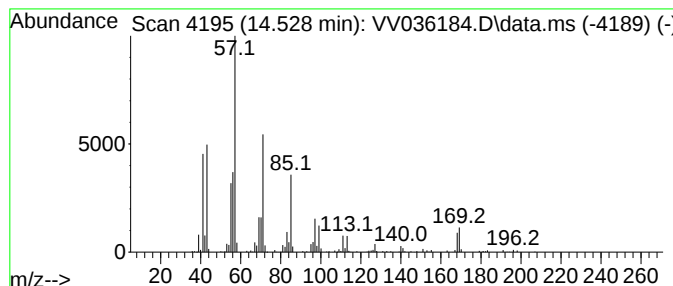
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 36 2-Bromo dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.528	5.11 ug/L	264903	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	74
2			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
3			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	64
4			Octacosane	394	C28H58	000630-02-4	64
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

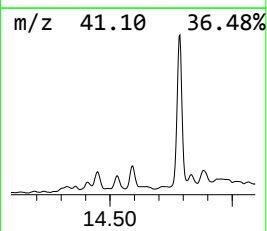
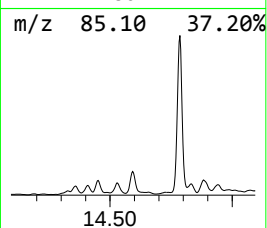
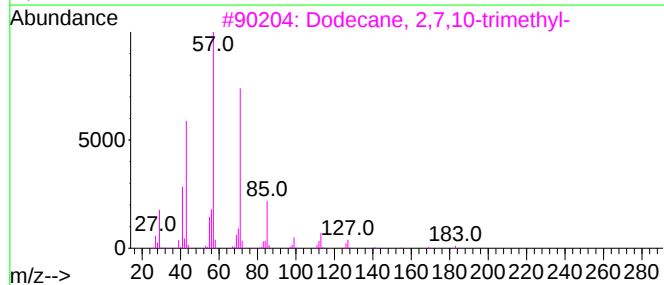
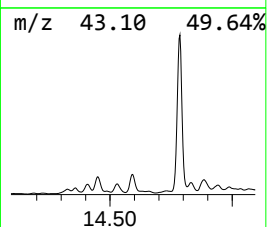
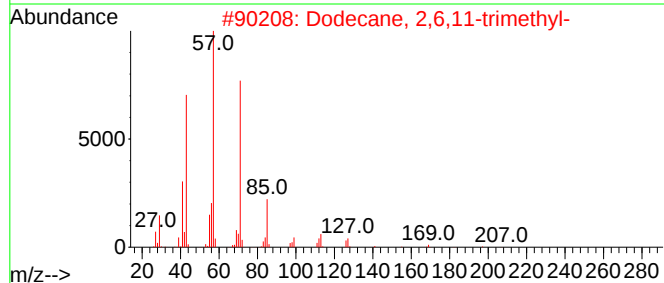
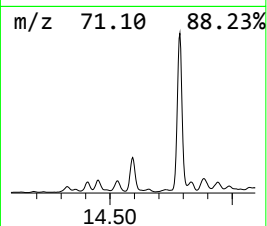
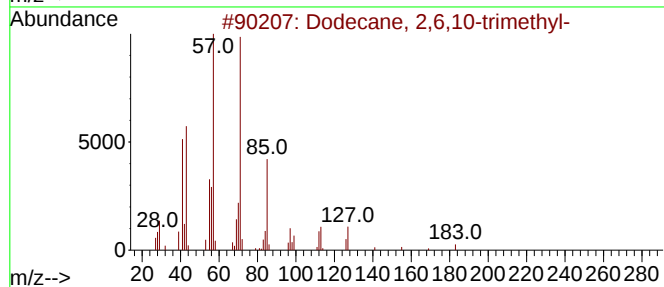
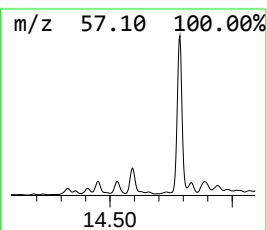
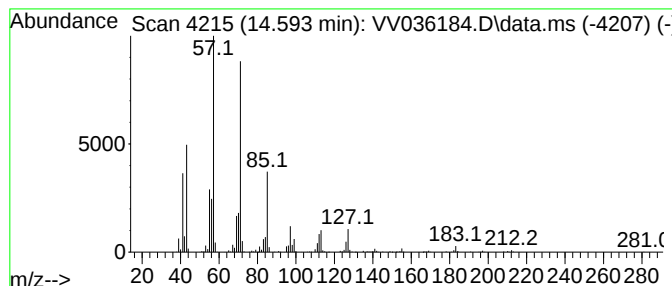
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.593	10.68 ug/L	553811	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

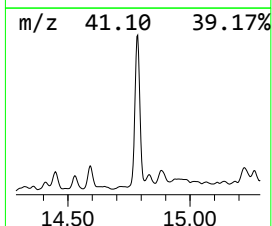
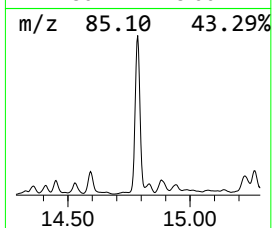
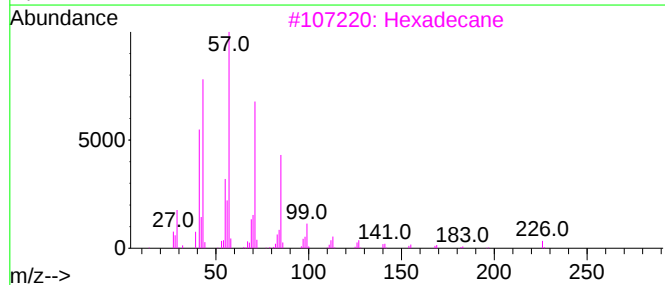
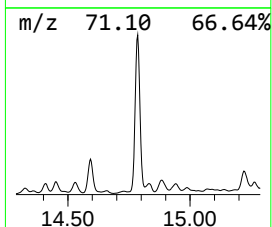
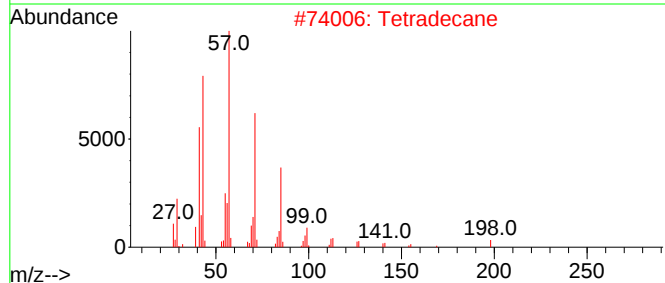
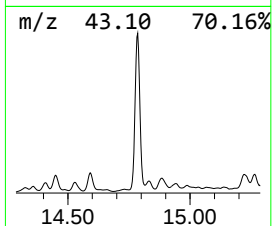
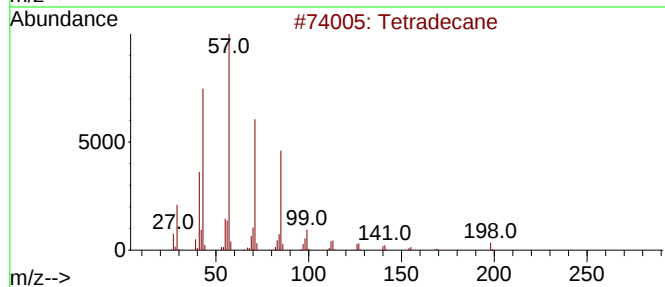
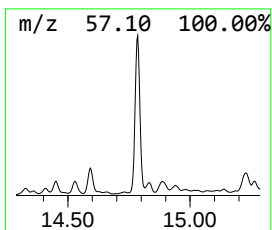
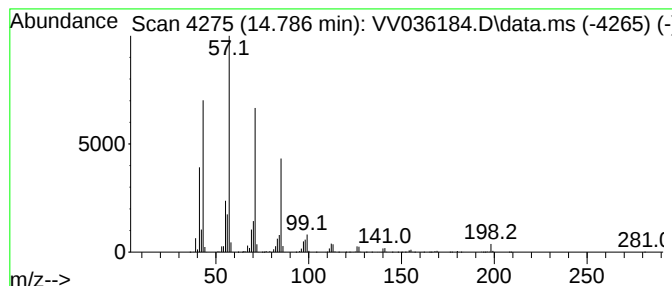
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	57.86 ug/L	3000350	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Tetradecane	198	C14H30	000629-59-4	95
3			Hexadecane	226	C16H34	000544-76-3	91
4			Tetradecane	198	C14H30	000629-59-4	91
5			Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

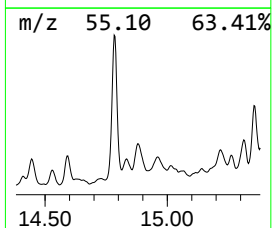
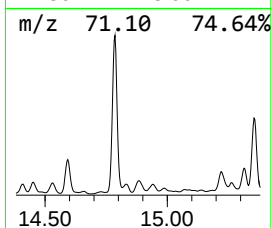
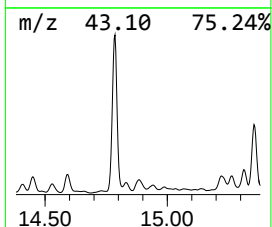
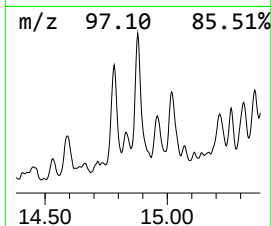
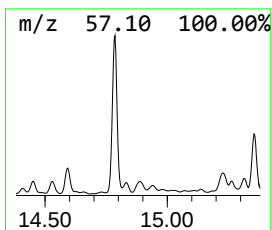
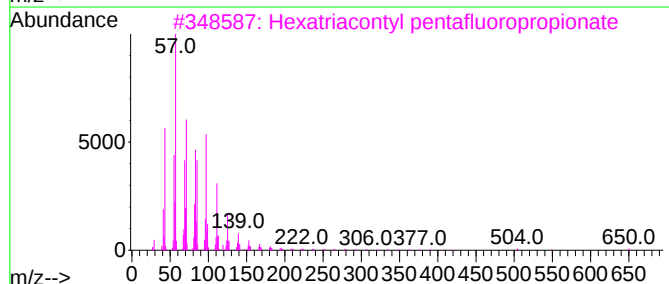
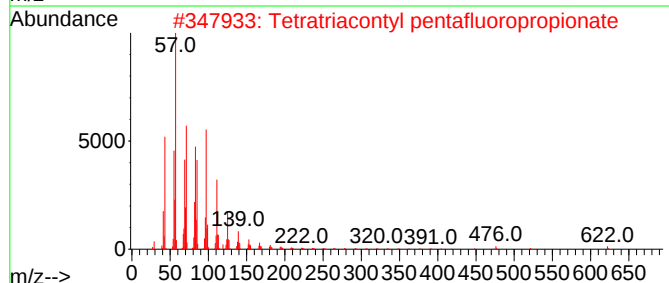
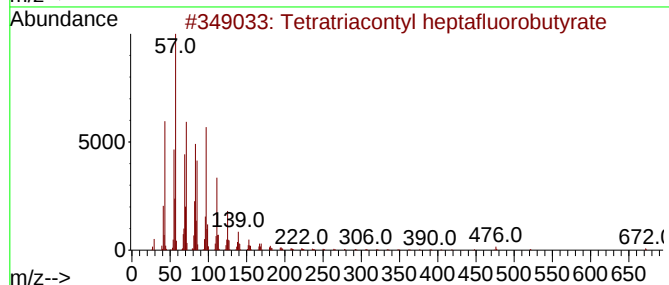
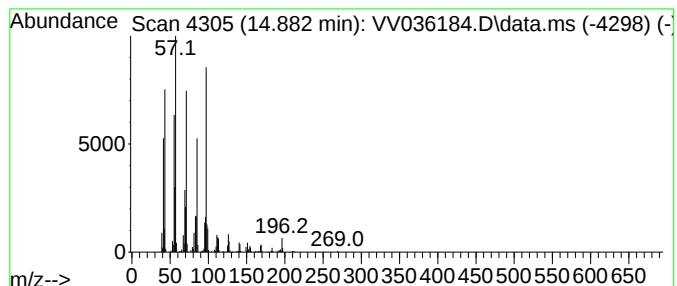
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 39 Tetratriacontyl heptafluoro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.882	7.56 ug/L	392027	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	74
2			Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	74
3			Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	72
4			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	62
5			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

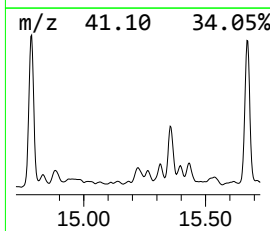
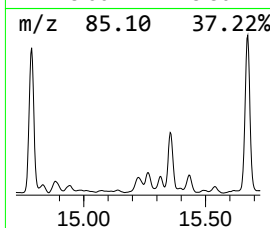
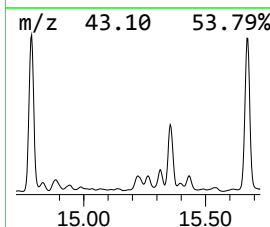
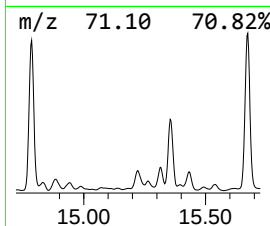
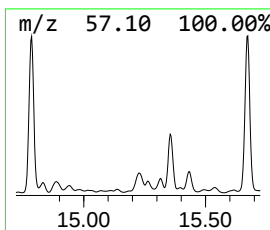
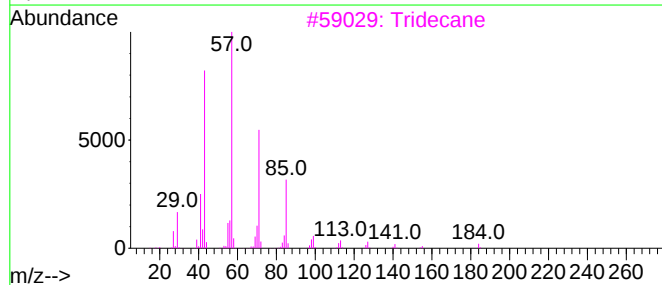
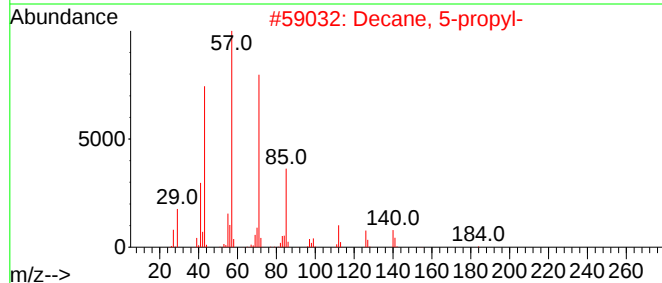
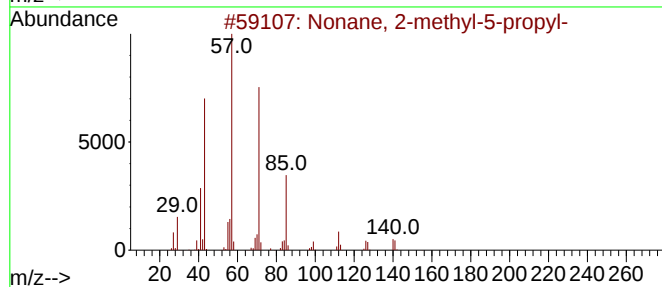
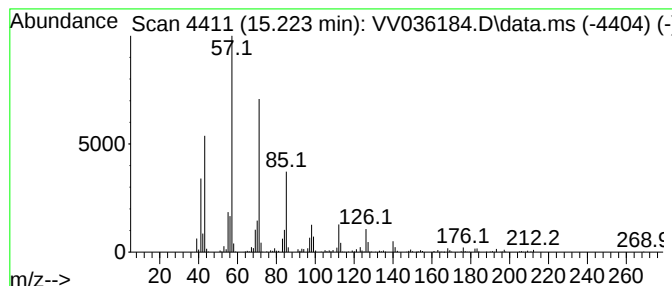
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.223	7.84 ug/L	406680	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	80
2			Decane, 5-propyl-	184	C13H28	017312-62-8	74
3			Tridecane	184	C13H28	000629-50-5	72
4			3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
5			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

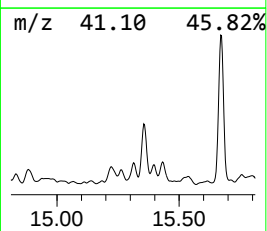
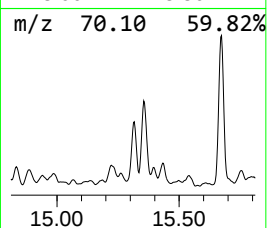
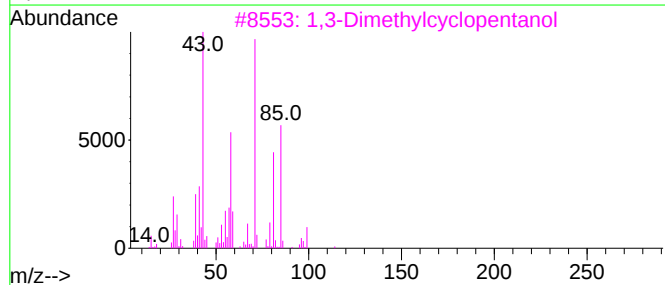
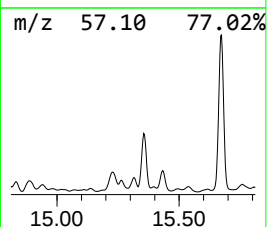
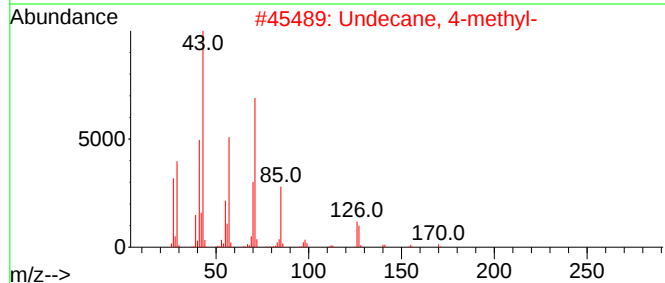
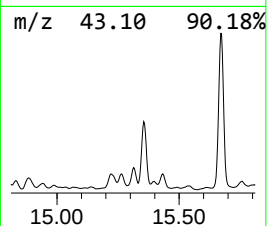
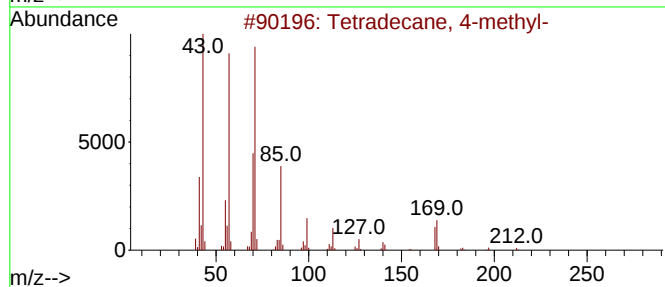
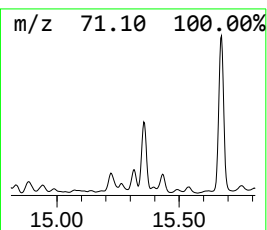
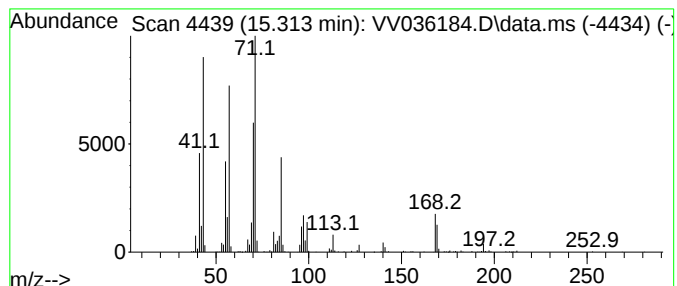
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.313	5.21 ug/L	269997	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	55
2			Undecane, 4-methyl-	170	C12H26	002980-69-0	52
3			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	49
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	47
5			Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

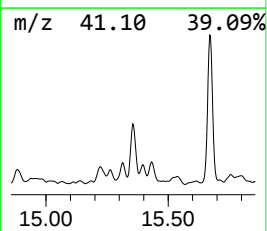
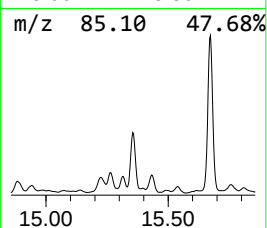
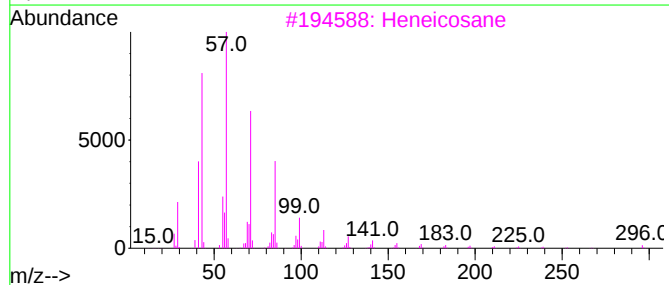
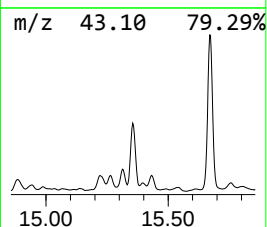
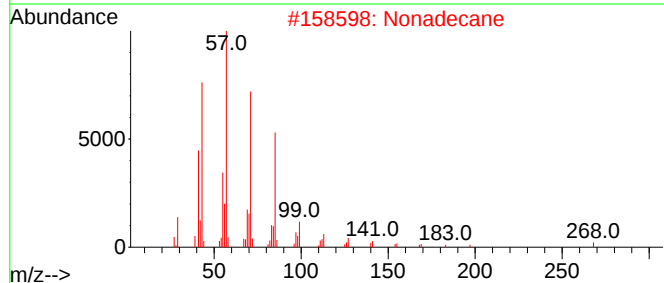
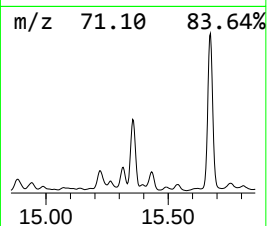
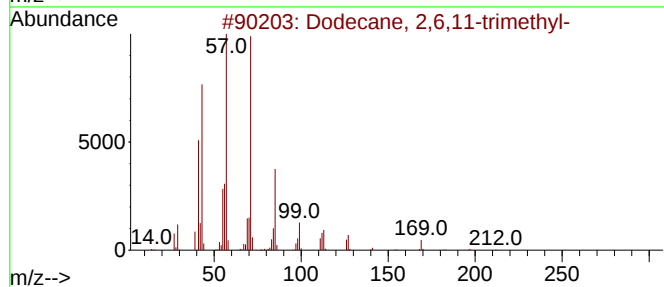
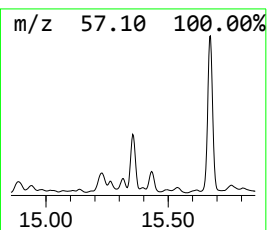
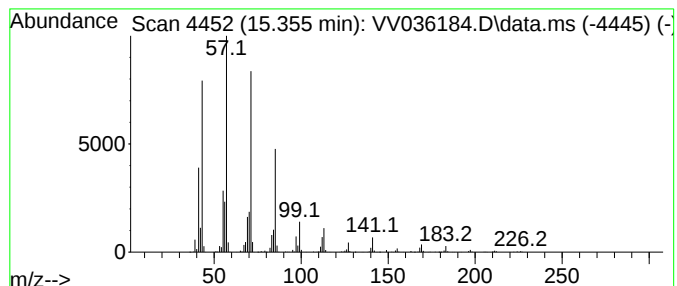
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.355	22.87 ug/L	1186120	1,4-Dichlorobenzene-d4	11.181

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

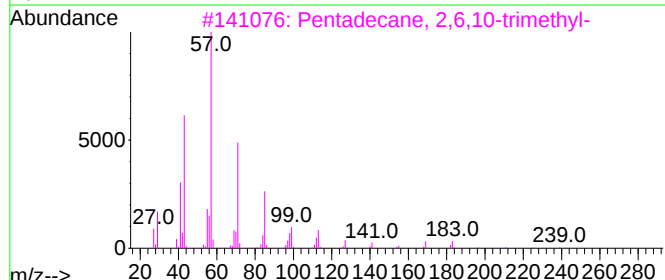
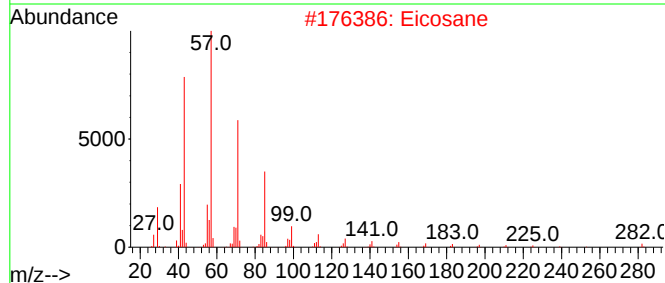
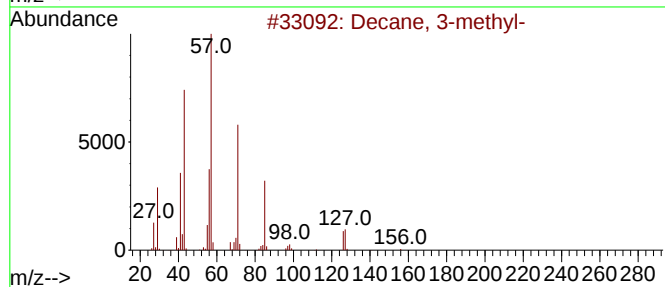
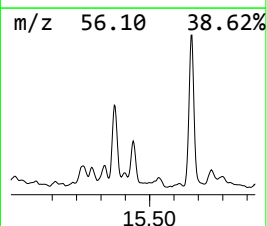
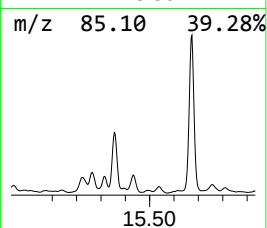
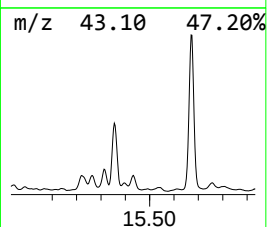
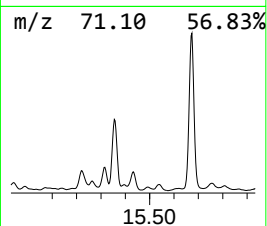
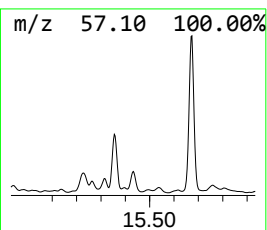
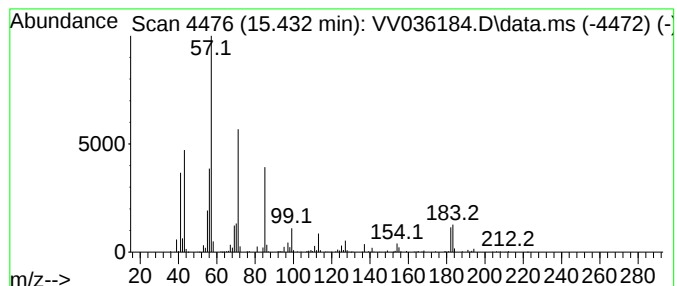
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	6.89 ug/L	357056	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	59
2			Eicosane	282	C20H42	000112-95-8	53
3			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	53
4			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	53
5			Tridecane	184	C13H28	000629-50-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

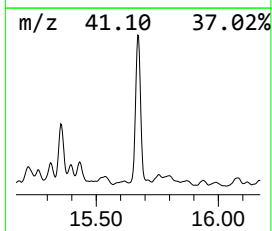
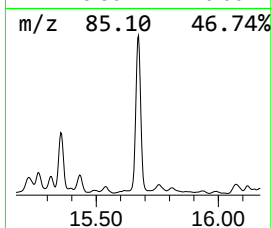
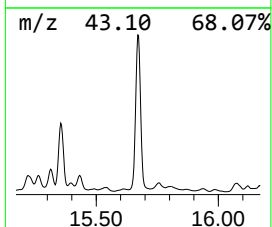
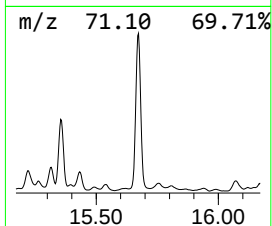
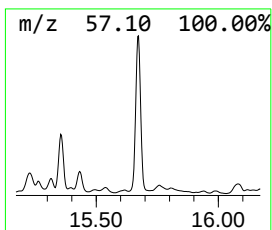
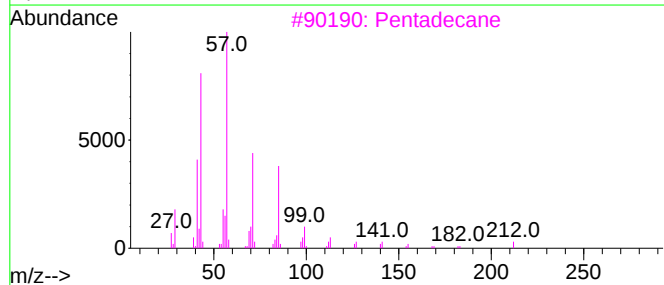
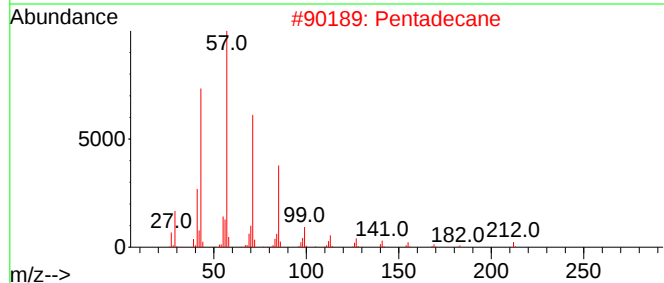
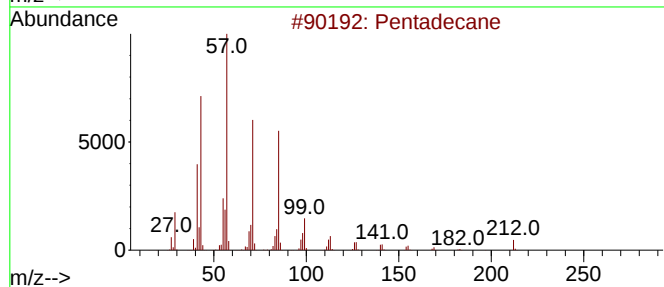
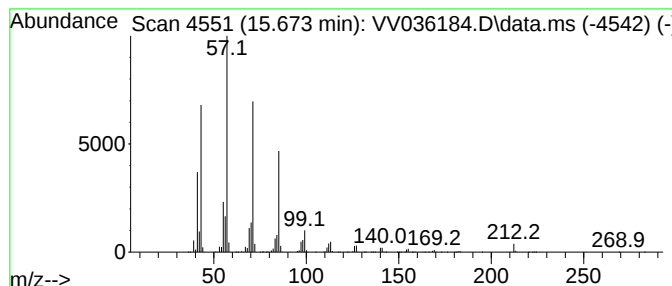
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.673	57.36 ug/L	2974310	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	97
2			Pentadecane	212	C15H32	000629-62-9	93
3			Pentadecane	212	C15H32	000629-62-9	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

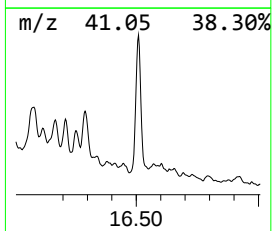
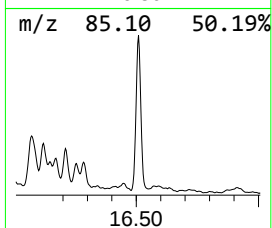
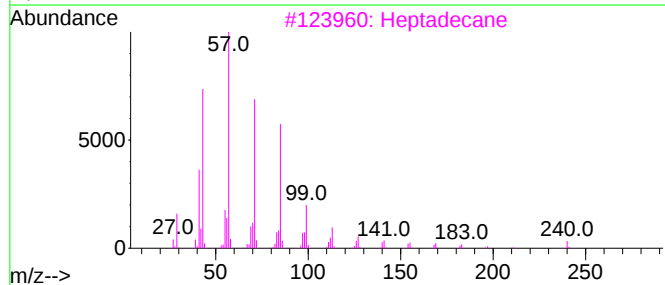
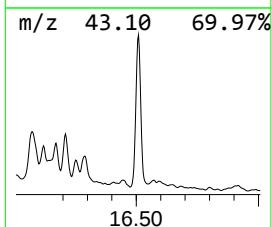
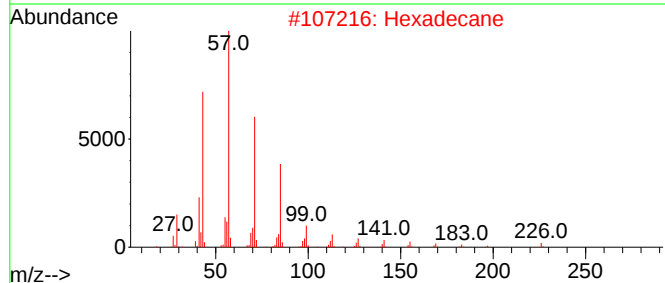
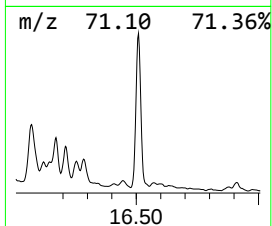
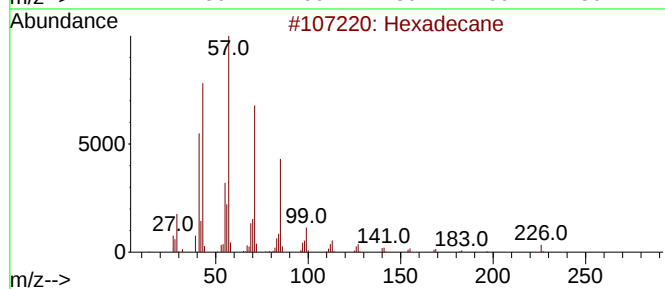
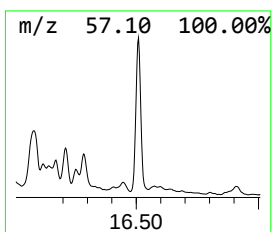
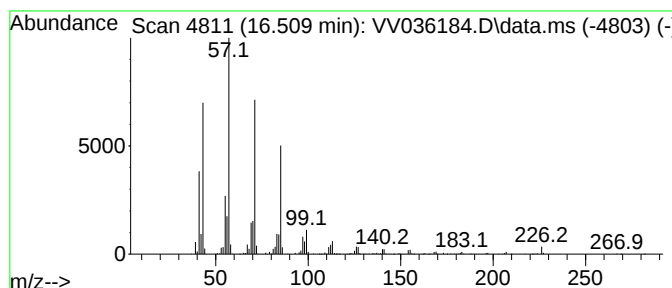
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.509	10.93 ug/L	566595	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Hexadecane	226	C16H34	000544-76-3	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036184.D
Acq On : 21 Jun 2024 00:25
Operator : SY/MD
Sample : P2962-22
Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	4.567	15.9	ug/L	659488	1	5.529	1038750	25.0
(DEL) Alkane: S...	4.664	7.0	ug/L	292734	1	5.529	1038750	25.0
(DEL) Alkane: S...	4.809	35.3	ug/L	1467010	1	5.529	1038750	25.0
(DEL) Alkane: S...	5.088	6.4	ug/L	264987	1	5.529	1038750	25.0
(DEL) Alkane: C...	5.159	2.4	ug/L	99200	1	5.529	1038750	25.0
(DEL) Alkane: C...	5.230	3.0	ug/L	125390	1	5.529	1038750	25.0
(DEL) Alkane: S...	5.400	46.2	ug/L	1919840	1	5.529	1038750	25.0
unknown-01	5.825	1.6	ug/L	67199	1	5.529	1038750	25.0
(DEL) Alkane: S...	5.905	1.6	ug/L	67815	1	5.529	1038750	25.0
(DEL) Alkane: S...	6.175	1.5	ug/L	62447	1	5.529	1038750	25.0
(DEL) Alkane: C...	6.281	3.5	ug/L	144491	1	5.529	1038750	25.0
(DEL) Alkane: S...	9.140	4.2	ug/L	207044	2	8.783	1229290	25.0
(DEL) Alkane: C...	9.410	1.6	ug/L	77152	2	8.783	1229290	25.0
(DEL) Alkane: S...	9.648	3.5	ug/L	173323	2	8.783	1229290	25.0
(DEL) Alkane: C...	9.731	4.5	ug/L	219192	2	8.783	1229290	25.0
(DEL) Alkane: S...	9.786	1.9	ug/L	94416	2	8.783	1229290	25.0
(DEL) Alkane: S...	9.953	2.9	ug/L	140243	2	8.783	1229290	25.0
(DEL) Alkane: S...	10.024	6.5	ug/L	336452	3	11.181	1296420	25.0
(DEL) Alkane: S...	10.053	4.1	ug/L	213102	3	11.181	1296420	25.0
Benzene, 1-ethy...	10.384	4.2	ug/L	218938	3	11.181	1296420	25.0
Benzene, 1-ethy...	10.673	2.3	ug/L	119071	3	11.181	1296420	25.0
unknown-02	11.030	1.8	ug/L	93980	3	11.181	1296420	25.0
(DEL) Alkane: C...	11.088	1.6	ug/L	80971	3	11.181	1296420	25.0
p-Cymene	11.130	1.3	ug/L	67505	3	11.181	1296420	25.0
(DEL) Alkane: S...	11.400	1.5	ug/L	75847	3	11.181	1296420	25.0
(DEL) Alkane: S...	11.728	11.1	ug/L	577664	3	11.181	1296420	25.0
1,3,8-p-Menthat...	11.876	1.4	ug/L	73224	3	11.181	1296420	25.0
(DEL) Alkane: S...	13.840	3.0	ug/L	158065	3	11.181	1296420	25.0
Sulfurous acid,...	14.326	2.9	ug/L	151724	3	11.181	1296420	25.0
(DEL) Alkane: S...	14.410	2.5	ug/L	130695	3	11.181	1296420	25.0
(DEL) Alkane: S...	14.448	6.8	ug/L	353445	3	11.181	1296420	25.0
2-Bromo dodecane	14.528	5.1	ug/L	264903	3	11.181	1296420	25.0
(DEL) Alkane: S...	14.593	10.7	ug/L	553811	3	11.181	1296420	25.0
(DEL) Alkane: S...	14.786	57.9	ug/L	3000350	3	11.181	1296420	25.0
Tetratriacontyl...	14.882	7.6	ug/L	392027	3	11.181	1296420	25.0
(DEL) Alkane: S...	15.223	7.8	ug/L	406680	3	11.181	1296420	25.0
(DEL) Alkane: S...	15.313	5.2	ug/L	269997	3	11.181	1296420	25.0
(DEL) Alkane: S...	15.355	22.9	ug/L	1186120	3	11.181	1296420	25.0
(DEL) Alkane: S...	15.432	6.9	ug/L	357056	3	11.181	1296420	25.0
(DEL) Alkane: S...	15.673	57.4	ug/L	2974310	3	11.181	1296420	25.0
(DEL) Alkane: S...	16.509	10.9	ug/L	566595	3	11.181	1296420	25.0