

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035648.D
 Acq On : 21 May 2024 19:07
 Operator : SY/MD
 Sample : P2547-08
 Misc : 5.59g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5Q1

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\SFAMVLM050624SMA.M

Title : VOC Analysis

Signal : TIC: VV035648.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	66	72	86	rVB	138543	150598	14.32%	2.186%
2	1.526	144	151	162	rVB	123867	147543	14.03%	2.142%
3	2.053	305	315	335	rVB	239203	361357	34.37%	5.246%
4	2.442	424	436	454	rBV	106437	182794	17.39%	2.654%
5	2.555	462	471	488	rVB	13765	29414	2.80%	0.427%
6	2.696	509	515	528	rBV10	2424	4833	0.46%	0.070%
7	2.963	586	598	612	rBV2	17696	37704	3.59%	0.547%
8	3.040	620	622	627	rBV4	354	317	0.03%	0.005%
9	3.069	628	631	632	rBV	716	396	0.04%	0.006%
10	3.104	639	642	644	rBV4	683	536	0.05%	0.008%
11	3.587	786	792	794	rBV3	335	393	0.04%	0.006%
12	3.709	829	830	837	rVB4	326	315	0.03%	0.005%
13	3.754	839	844	848	rBV3	522	451	0.04%	0.007%
14	3.844	848	872	922	rBV3	46491	270960	25.77%	3.934%
15	4.246	981	997	1025	rBV	186901	500043	47.56%	7.259%
16	4.561	1090	1095	1096	rBV3	560	500	0.05%	0.007%
17	4.629	1113	1116	1120	rBV3	464	363	0.03%	0.005%
18	4.693	1134	1136	1138	rBV	528	329	0.03%	0.005%
19	4.799	1167	1169	1171	rBV4	922	534	0.05%	0.008%
20	4.953	1202	1217	1266	rBV2	393670	1051309	100.00%	15.262%
21	5.535	1387	1398	1433	rBV	260773	564897	53.73%	8.201%
22	5.828	1480	1489	1510	rVB4	20464	47992	4.56%	0.697%
23	5.989	1526	1539	1568	rBV	247263	536156	51.00%	7.784%
24	6.233	1612	1615	1620	rVB4	645	421	0.04%	0.006%
25	6.387	1660	1663	1667	rVB3	528	319	0.03%	0.005%
26	6.815	1793	1796	1800	rBV2	360	313	0.03%	0.005%
27	6.915	1818	1827	1851	rBV	85397	172586	16.42%	2.506%
28	7.072	1874	1876	1880	rVB3	753	356	0.03%	0.005%
29	7.175	1904	1908	1909	rBV3	774	539	0.05%	0.008%
30	7.243	1918	1929	1952	rBV	341279	621829	59.15%	9.027%
31	7.558	2018	2027	2046	rBV	53342	109031	10.37%	1.583%
32	7.776	2090	2095	2097	rBV4	614	551	0.05%	0.008%
33	7.789	2097	2099	2102	rVV2	569	350	0.03%	0.005%
34	7.808	2102	2105	2110	rVB3	1045	908	0.09%	0.013%
35	7.873	2112	2125	2135	rBV	10059	19738	1.88%	0.287%
36	7.947	2145	2148	2153	rVB3	857	604	0.06%	0.009%

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Integration Parameters: LSCINT.P

Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Title : VOC Analysis

37	8.001	2159	2165	2168	rBV4	458	438	0.04%	0.006%
38	8.037	2168	2176	2216	rBV2	70805	200609	19.08%	2.912%
39	8.313	2260	2262	2268	rVB5	1033	1010	0.10%	0.015%
40	8.361	2268	2277	2298	rVB3	18293	33846	3.22%	0.491%
41	8.480	2311	2314	2316	rBV4	645	434	0.04%	0.006%
42	8.635	2358	2362	2366	rBV4	313	284	0.03%	0.004%
43	8.786	2394	2409	2434	rBV	350412	604298	57.48%	8.773%
44	9.014	2478	2480	2489	rVB3	805	644	0.06%	0.009%
45	9.056	2491	2493	2497	rVB3	470	291	0.03%	0.004%
46	9.095	2497	2505	2507	rBV5	1578	1955	0.19%	0.028%
47	9.268	2557	2559	2567	rVB4	331	368	0.04%	0.005%
48	9.323	2573	2576	2581	rBV4	403	367	0.03%	0.005%
49	9.490	2621	2628	2636	rBV7	1636	2200	0.21%	0.032%
50	9.686	2687	2689	2696	rVB2	537	394	0.04%	0.006%
51	9.770	2713	2715	2720	rVB3	436	350	0.03%	0.005%
52	9.869	2741	2746	2754	rBV3	1185	1686	0.16%	0.024%
53	10.011	2786	2790	2793	rBV2	317	293	0.03%	0.004%
54	10.062	2796	2806	2815	rVB5	3014	4257	0.40%	0.062%
55	10.152	2820	2834	2858	rBV	216460	358194	34.07%	5.200%
56	10.323	2876	2887	2900	rVB	23529	39123	3.72%	0.568%
57	10.381	2900	2905	2908	rBV3	404	373	0.04%	0.005%
58	10.480	2930	2936	2938	rBV3	1191	1304	0.12%	0.019%
59	10.635	2981	2984	2987	rBV3	430	321	0.03%	0.005%
60	10.750	3011	3020	3023	rBV5	1354	2294	0.22%	0.033%
61	10.853	3042	3052	3064	rBV6	6704	11439	1.09%	0.166%
62	10.972	3078	3089	3102	rBV4	2420	4300	0.41%	0.062%
63	11.037	3105	3109	3114	rVB4	811	655	0.06%	0.010%
64	11.082	3114	3123	3134	rBV2	12707	20506	1.95%	0.298%
65	11.127	3134	3137	3146	rBV8	1322	1590	0.15%	0.023%
66	11.188	3146	3156	3174	rBV	194739	326629	31.07%	4.742%
67	11.326	3190	3199	3205	rBV2	8307	12818	1.22%	0.186%
68	11.368	3206	3212	3222	rVB3	7227	10935	1.04%	0.159%
69	11.471	3241	3244	3246	rBV2	392	280	0.03%	0.004%
70	11.561	3261	3272	3290	rBV	192989	319201	30.36%	4.634%
71	11.718	3314	3321	3330	rBV7	1769	3114	0.30%	0.045%
72	11.786	3335	3342	3346	rBV5	1843	2506	0.24%	0.036%
73	11.834	3354	3357	3368	rVB6	933	1556	0.15%	0.023%
74	11.924	3378	3385	3391	rBV7	1709	2527	0.24%	0.037%
75	11.959	3394	3396	3398	rVB2	668	273	0.03%	0.004%
76	12.017	3409	3414	3415	rBV3	862	634	0.06%	0.009%

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Title : VOC Analysis

77	12.123	3444	3447	3452	rVB2	520	432	0.04%	0.006%
78	12.159	3456	3458	3460	rVV2	683	400	0.04%	0.006%
79	12.194	3460	3469	3480	rVB	14318	22699	2.16%	0.330%
80	12.307	3500	3504	3505	rVV2	991	538	0.05%	0.008%
81	12.361	3516	3521	3527	rVB7	700	947	0.09%	0.014%
82	12.532	3568	3574	3577	rBV5	940	1178	0.11%	0.017%
83	12.673	3614	3618	3622	rBV3	547	406	0.04%	0.006%
84	12.699	3622	3626	3628	rVB	428	293	0.03%	0.004%
85	12.715	3628	3631	3634	rBV5	477	382	0.04%	0.006%
86	12.828	3659	3666	3677	rVB7	4449	6642	0.63%	0.096%
87	13.082	3738	3745	3748	rBV5	1128	1104	0.11%	0.016%
88	13.197	3778	3781	3783	rBV2	439	305	0.03%	0.004%
89	13.326	3817	3821	3824	rBV3	646	506	0.05%	0.007%
90	13.416	3846	3849	3851	rVB	509	293	0.03%	0.004%
91	13.451	3856	3860	3864	rBV5	1166	1191	0.11%	0.017%
92	13.535	3884	3886	3890	rBV2	352	333	0.03%	0.005%
93	13.683	3922	3932	3941	rVV2	35431	51950	4.94%	0.754%
94	13.828	3973	3977	3981	rVB4	912	748	0.07%	0.011%
95	13.847	3981	3983	3986	rBV2	488	279	0.03%	0.004%
96	13.901	3995	4000	4007	rBV7	817	978	0.09%	0.014%
97	13.940	4009	4012	4014	rBV2	587	360	0.03%	0.005%
98	13.988	4018	4027	4029	rBV3	2008	2863	0.27%	0.042%
99	14.082	4051	4056	4059	rBV6	1077	1082	0.10%	0.016%
100	14.172	4080	4084	4088	rVB5	960	705	0.07%	0.010%

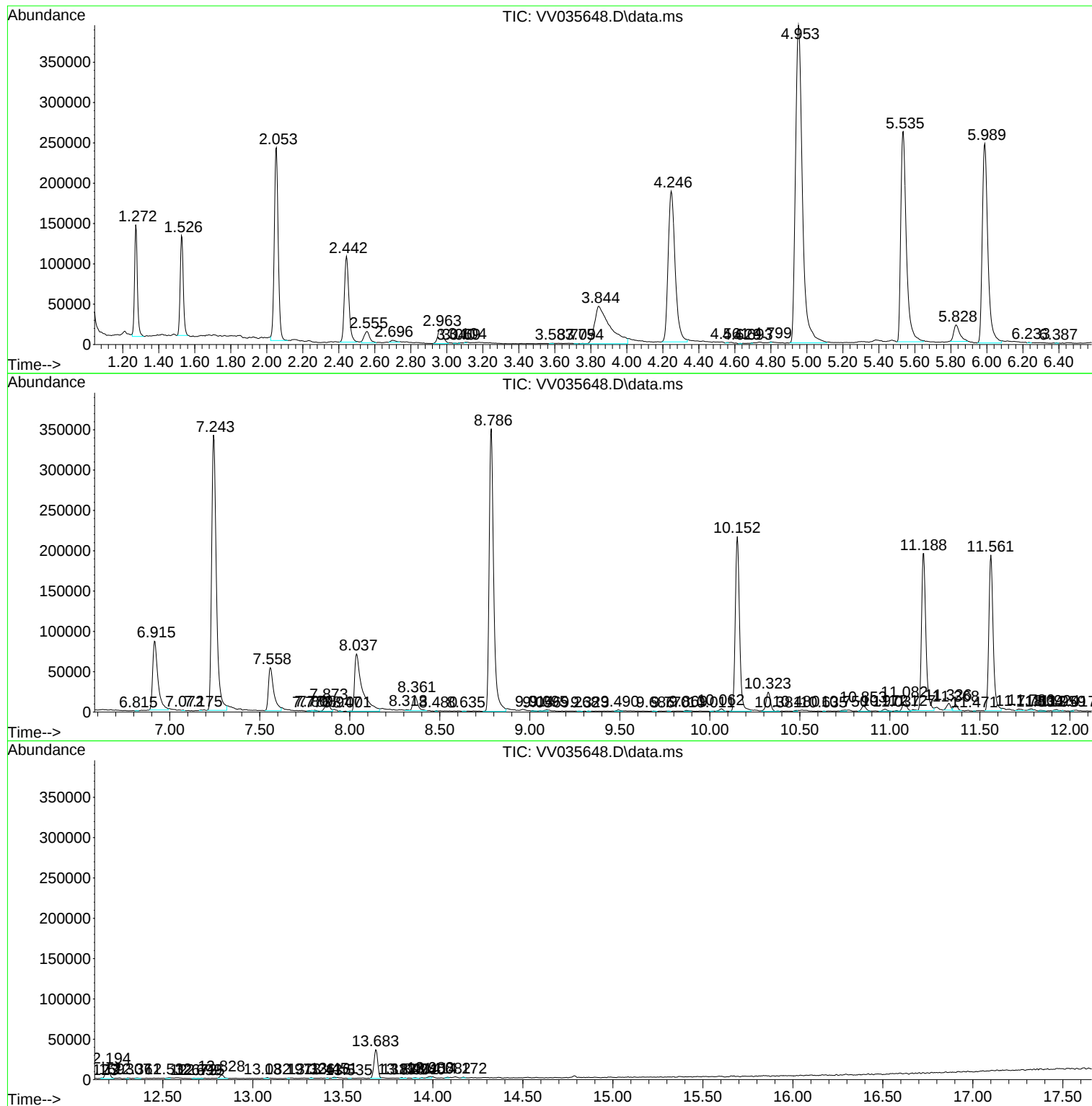
Sum of corrected areas: 6888189

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Instrument :
MSVOA_V
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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



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Instrument :
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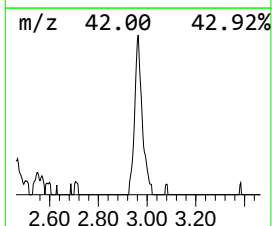
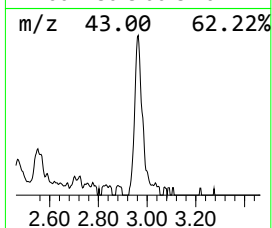
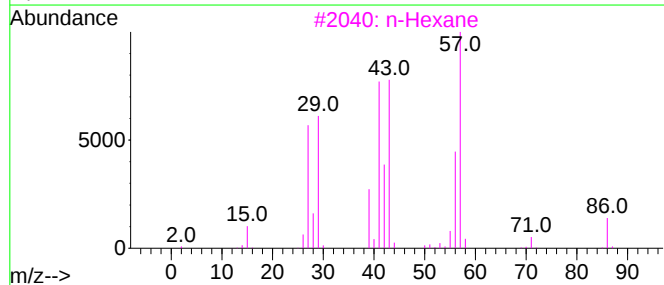
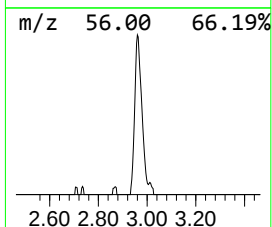
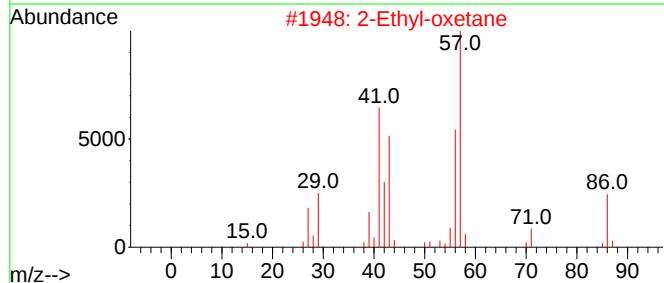
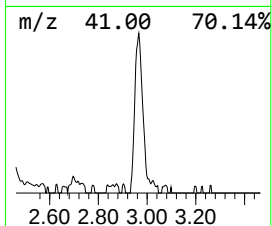
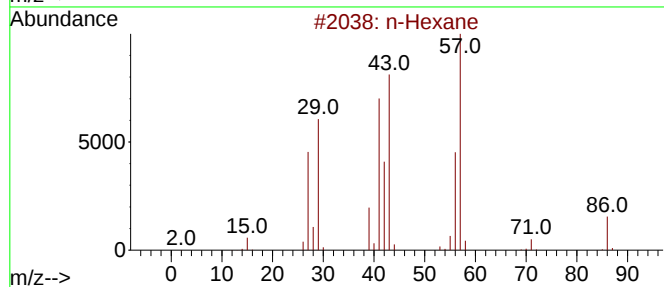
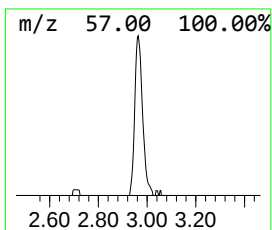
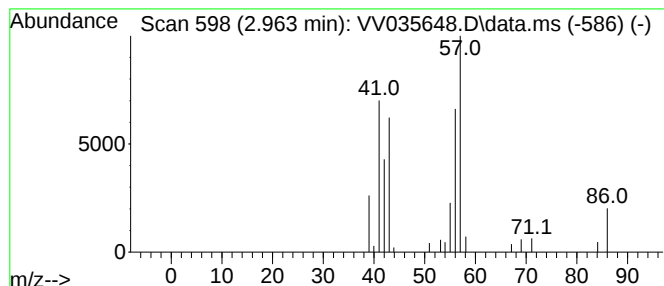
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.67 ug/L	37704	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	78
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
3			n-Hexane	86	C6H14	000110-54-3	64
4			n-Hexane	86	C6H14	000110-54-3	58
5			n-Hexane	86	C6H14	000110-54-3	42



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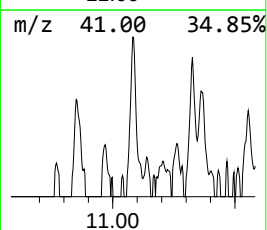
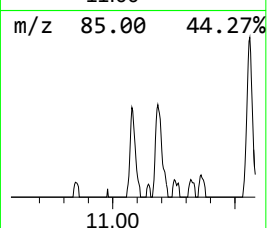
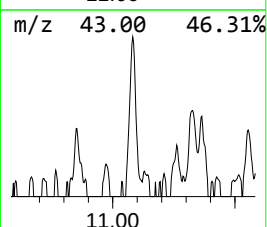
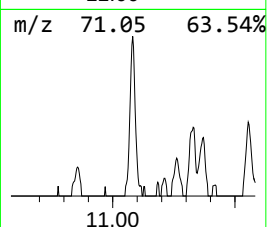
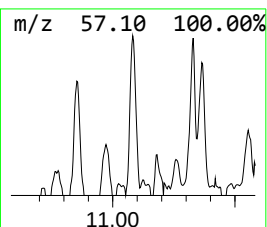
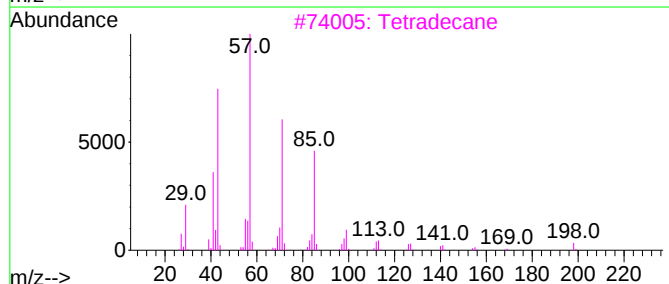
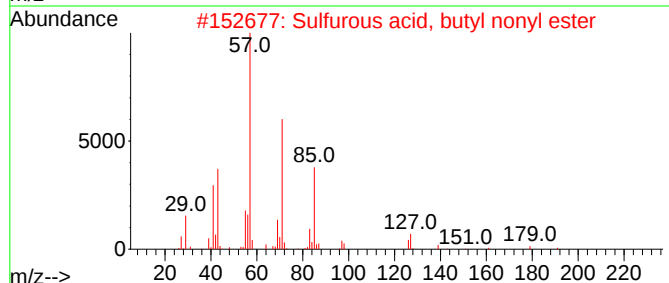
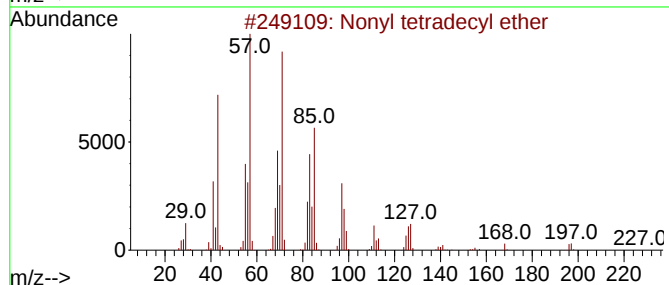
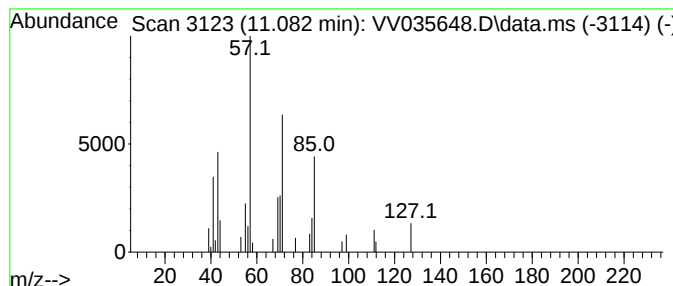
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Nonyl tetradecyl ether Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	1.57 ug/L	20506	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	74
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
3			Tetradecane	198	C14H30	000629-59-4	59
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	56
5			Hexadecane	226	C16H34	000544-76-3	53



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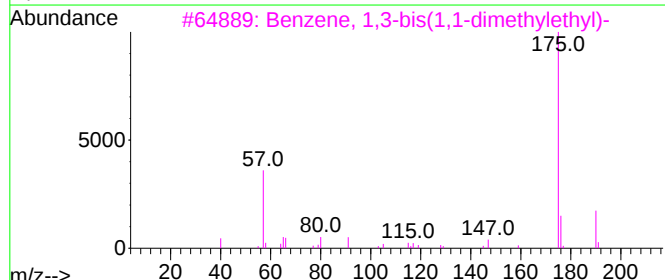
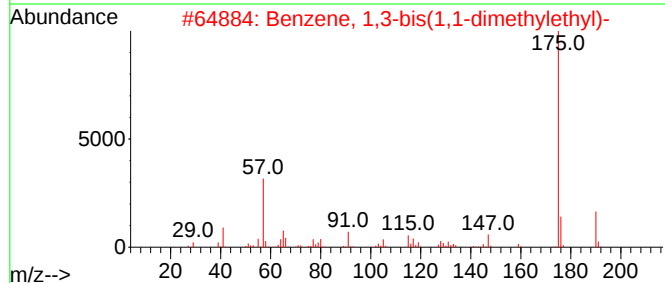
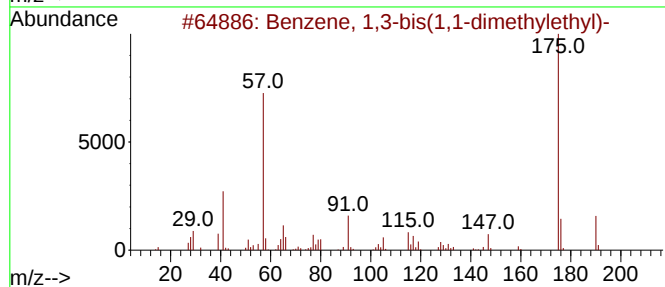
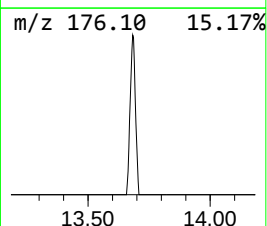
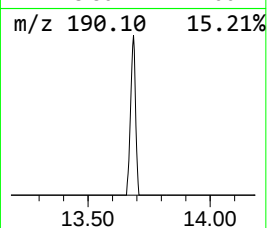
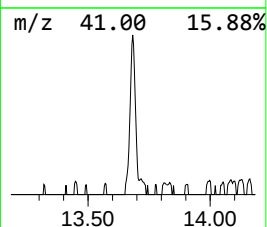
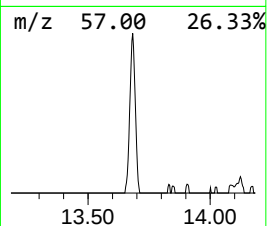
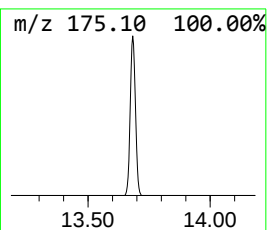
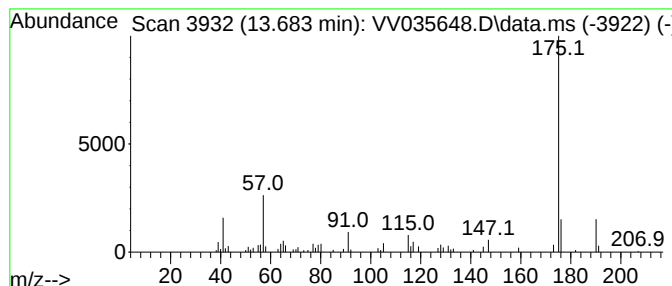
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	3.98 ug/L	51950	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	94
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	93
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
5			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035648.D
Acq On : 21 May 2024 19:07
Operator : SY/MD
Sample : P2547-08
Misc : 5.59g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5Q1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	2.963	1.7	ug/L	37704	1	5.535	564897	25.0
Nonyl tetradecy...	11.082	1.6	ug/L	20506	3	11.188	326629	25.0
Benzene, 1,3-bi...	13.683	4.0	ug/L	51950	3	11.188	326629	25.0