

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035748.D
 Acq On : 24 May 2024 15:47
 Operator : SY/MD
 Sample : P2568-22RE
 Misc : 4.71g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH643RE

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: VV035748.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	229786	237639	18.27%	2.491%
2	1.526	144	151	167	rVB	177337	214039	16.46%	2.244%
3	2.053	305	315	339	rVB	339626	509457	39.17%	5.340%
4	2.442	425	436	453	rBV	90580	153856	11.83%	1.613%
5	2.555	461	471	490	rVB	26536	55061	4.23%	0.577%
6	2.963	583	598	621	rBV	20771	44341	3.41%	0.465%
7	3.156	655	658	659	rBV	639	331	0.03%	0.003%
8	3.233	676	682	684	rVV3	633	582	0.04%	0.006%
9	3.327	705	711	714	rVB2	383	411	0.03%	0.004%
10	3.455	746	751	755	rBV3	328	332	0.03%	0.003%
11	3.651	806	812	813	rBV	458	447	0.03%	0.005%
12	3.728	832	836	842	rBV3	323	350	0.03%	0.004%
13	3.844	848	872	922	rBV2	65891	382291	29.39%	4.007%
14	4.246	981	997	1024	rBV2	210210	554945	42.66%	5.817%
15	4.674	1129	1130	1136	rVB3	615	458	0.04%	0.005%
16	4.728	1143	1147	1148	rBV	466	340	0.03%	0.004%
17	4.851	1182	1185	1188	rVB2	671	467	0.04%	0.005%
18	4.954	1201	1217	1268	rBV2	486487	1300727	100.00%	13.635%
19	5.159	1275	1281	1285	rBV7	866	1010	0.08%	0.011%
20	5.314	1327	1329	1334	rVB3	522	363	0.03%	0.004%
21	5.343	1335	1338	1341	rBV3	652	474	0.04%	0.005%
22	5.384	1346	1351	1354	rBV3	773	852	0.07%	0.009%
23	5.532	1386	1397	1434	rBV	454737	966956	74.34%	10.136%
24	5.828	1479	1489	1511	rBV3	21225	50381	3.87%	0.528%
25	5.986	1525	1538	1571	rBV	289026	612557	47.09%	6.421%
26	6.343	1647	1649	1654	rVB3	521	393	0.03%	0.004%
27	6.384	1659	1662	1667	rVB3	484	412	0.03%	0.004%
28	6.706	1760	1762	1766	rVB3	657	340	0.03%	0.004%
29	6.773	1780	1783	1786	rVB4	745	529	0.04%	0.006%
30	6.915	1814	1827	1858	rBV	106749	223236	17.16%	2.340%
31	7.063	1870	1873	1877	rVB3	764	464	0.04%	0.005%
32	7.085	1877	1880	1882	rBV2	609	331	0.03%	0.003%
33	7.130	1892	1894	1899	rVB3	806	448	0.03%	0.005%
34	7.175	1899	1908	1910	rBV6	1162	1231	0.09%	0.013%
35	7.243	1918	1929	1953	rBV	461976	843197	64.83%	8.839%
36	7.558	2017	2027	2051	rBV	72648	142615	10.96%	1.495%

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Stop Thrs : 0

Peak Location: TOP

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

37	7.728	2077	2080	2083	rBV3	544	399	0.03%	0.004%
38	7.770	2091	2093	2098	rVB2	929	545	0.04%	0.006%
39	7.876	2111	2126	2135	rBV	13475	25152	1.93%	0.264%
40	8.037	2166	2176	2203	rBV3	70403	183114	14.08%	1.919%
41	8.310	2254	2261	2262	rBV5	1868	1874	0.14%	0.020%
42	8.362	2267	2277	2289	rVV2	27637	46850	3.60%	0.491%
43	8.510	2319	2323	2328	rVB5	950	1023	0.08%	0.011%
44	8.548	2330	2335	2336	rBV4	629	412	0.03%	0.004%
45	8.596	2347	2350	2355	rVB3	896	639	0.05%	0.007%
46	8.712	2381	2386	2389	rBV5	430	429	0.03%	0.004%
47	8.783	2397	2408	2435	rBV	630816	1054055	81.04%	11.049%
48	9.011	2474	2479	2480	rBV4	1167	879	0.07%	0.009%
49	9.259	2552	2556	2560	rVB3	395	361	0.03%	0.004%
50	9.545	2641	2645	2650	rBV4	864	714	0.05%	0.007%
51	9.661	2677	2681	2684	rVV3	691	438	0.03%	0.005%
52	9.838	2727	2736	2741	rBV5	1509	2107	0.16%	0.022%
53	10.027	2791	2795	2797	rBV3	666	514	0.04%	0.005%
54	10.063	2797	2806	2817	rVB2	12421	19097	1.47%	0.200%
55	10.153	2822	2834	2853	rBV	228058	371356	28.55%	3.893%
56	10.323	2878	2887	2900	rVB2	30900	51366	3.95%	0.538%
57	10.400	2907	2911	2912	rBV2	706	416	0.03%	0.004%
58	10.510	2935	2945	2955	rBV9	3896	9125	0.70%	0.096%
59	10.593	2968	2971	2979	rVB6	1117	1186	0.09%	0.012%
60	10.651	2986	2989	2990	rBV6	707	354	0.03%	0.004%
61	10.715	3002	3009	3014	rBV8	3920	5122	0.39%	0.054%
62	10.854	3043	3052	3061	rBV	20173	30181	2.32%	0.316%
63	10.902	3066	3067	3071	rVB2	567	376	0.03%	0.004%
64	10.973	3080	3089	3101	rBV2	8124	13305	1.02%	0.139%
65	11.040	3101	3110	3113	rBV5	3353	4618	0.36%	0.048%
66	11.082	3114	3123	3134	rBV	32989	50764	3.90%	0.532%
67	11.130	3134	3138	3145	rVB8	2448	3205	0.25%	0.034%
68	11.185	3145	3155	3172	rBV	404859	647956	49.81%	6.792%
69	11.326	3190	3199	3205	rBV2	23615	38343	2.95%	0.402%
70	11.365	3206	3211	3227	rVB2	23013	35284	2.71%	0.370%
71	11.471	3240	3244	3247	rBV6	1056	984	0.08%	0.010%
72	11.561	3261	3272	3292	rBV	299562	496616	38.18%	5.206%
73	11.786	3336	3342	3353	rVB6	5033	8511	0.65%	0.089%
74	11.924	3377	3385	3391	rBV6	1666	3047	0.23%	0.032%
75	12.194	3458	3469	3483	rVB2	17859	29666	2.28%	0.311%
76	12.300	3497	3502	3506	rBV3	494	586	0.05%	0.006%

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 Title : VOC Analysis

77	12.355	3516	3519	3521	rBV2	560	380	0.03%	0.004%
78	12.532	3568	3574	3581	rVV5	1568	1934	0.15%	0.020%
79	12.577	3584	3588	3595	rVB5	1267	1315	0.10%	0.014%
80	12.744	3637	3640	3643	rBV2	566	429	0.03%	0.004%
81	12.831	3659	3667	3676	rVB5	4388	6680	0.51%	0.070%
82	13.079	3741	3744	3749	rVB4	871	870	0.07%	0.009%
83	13.210	3782	3785	3790	rBV4	507	518	0.04%	0.005%
84	13.239	3792	3794	3798	rVV2	616	499	0.04%	0.005%
85	13.268	3798	3803	3806	rVV5	607	648	0.05%	0.007%
86	13.329	3817	3822	3827	rVB5	758	832	0.06%	0.009%
87	13.439	3851	3856	3859	rBV4	625	669	0.05%	0.007%
88	13.587	3898	3902	3906	rBV3	568	545	0.04%	0.006%
89	13.683	3919	3932	3944	rBV2	45023	66849	5.14%	0.701%
90	13.821	3972	3975	3977	rBV2	579	377	0.03%	0.004%
91	13.989	4015	4027	4034	rBV3	3420	6292	0.48%	0.066%
92	14.075	4052	4054	4059	rBV6	693	663	0.05%	0.007%
93	14.169	4079	4083	4088	rBV6	1067	871	0.07%	0.009%
94	14.281	4115	4118	4122	rBV5	847	777	0.06%	0.008%
95	14.448	4165	4170	4173	rVB2	770	583	0.04%	0.006%
96	14.471	4173	4177	4181	rBV5	656	727	0.06%	0.008%
97	14.612	4219	4221	4226	rBV4	561	537	0.04%	0.006%
98	14.654	4231	4234	4236	rBV3	767	516	0.04%	0.005%
99	14.725	4252	4256	4259	rBV5	828	751	0.06%	0.008%
100	14.789	4273	4276	4284	rVB5	2861	2866	0.22%	0.030%

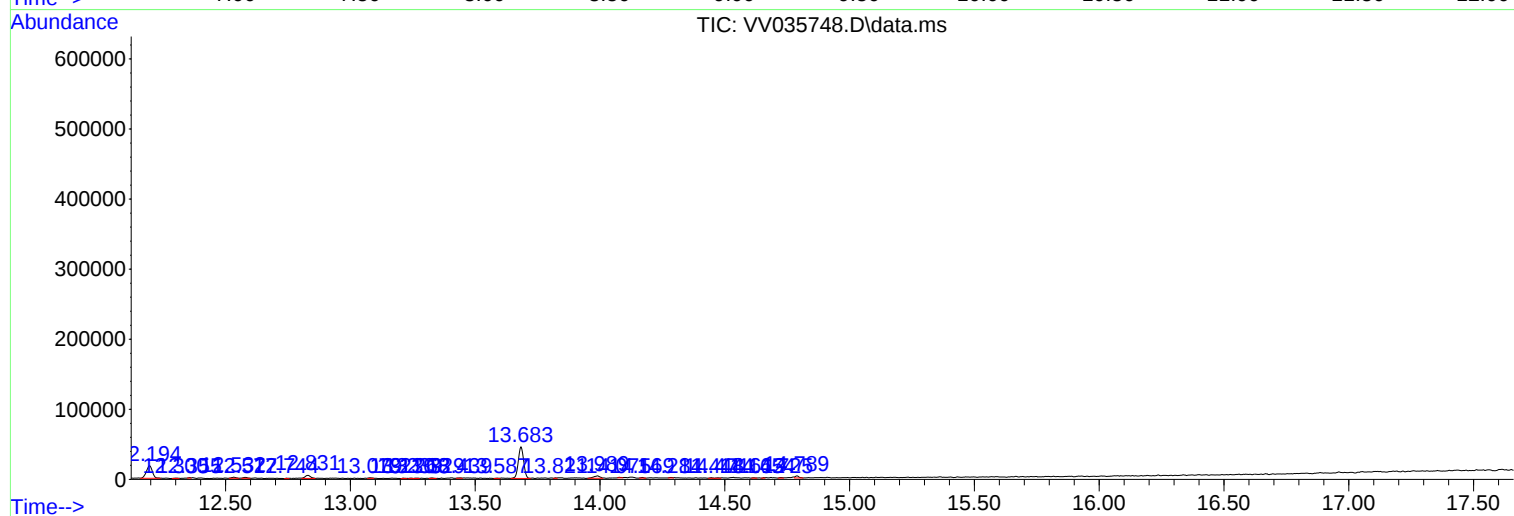
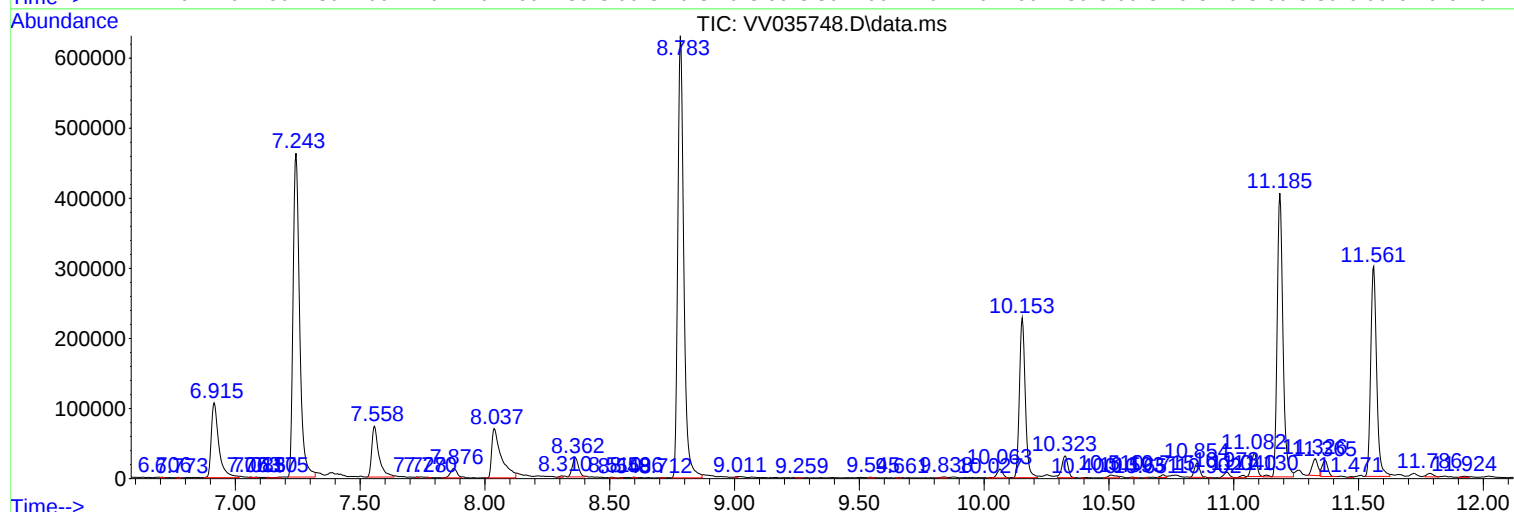
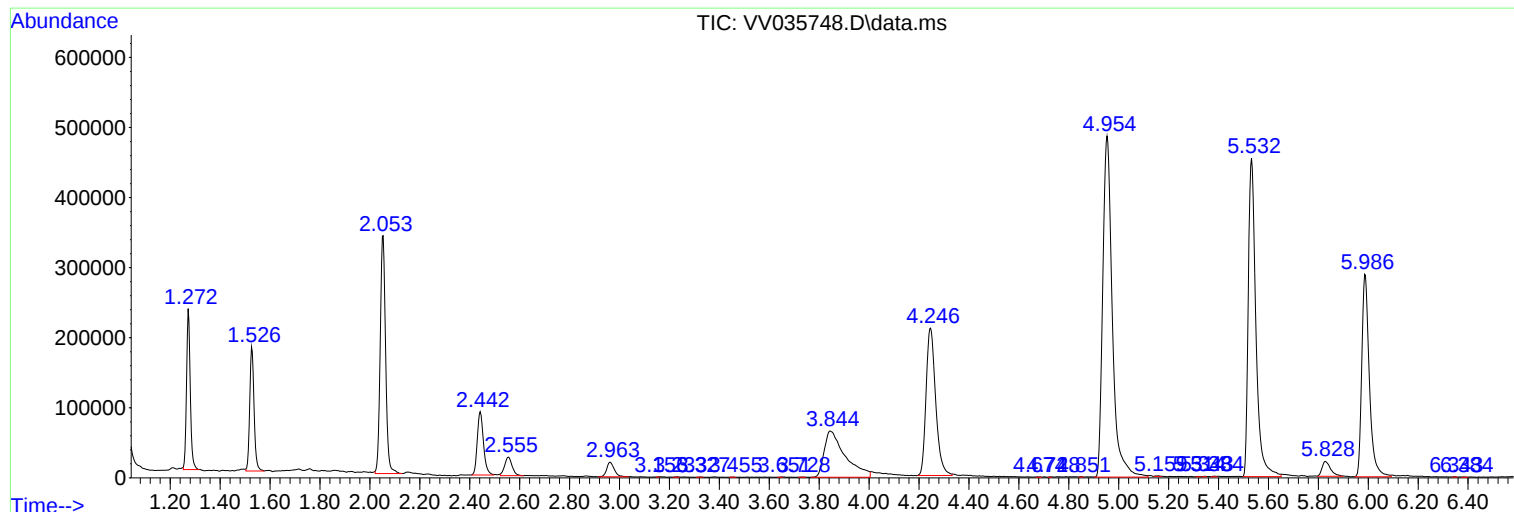
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ALS Vial : 19 Sample Multiplier: 1

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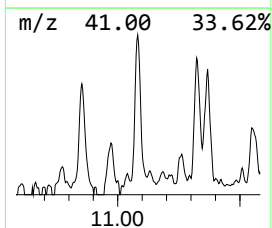
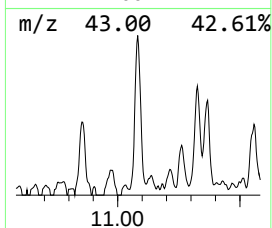
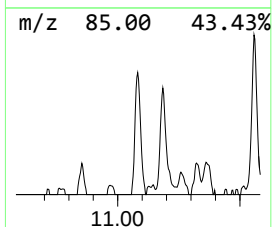
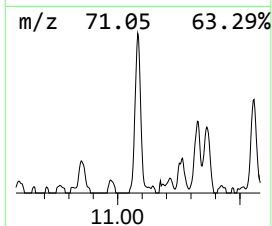
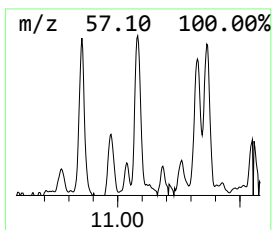
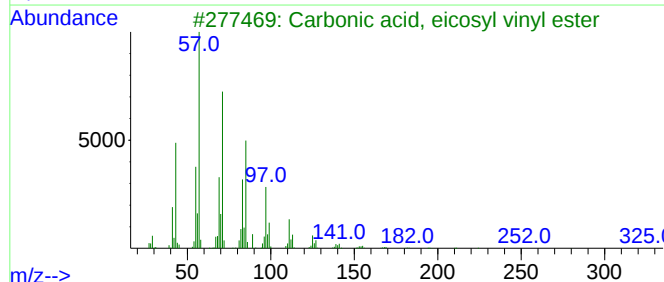
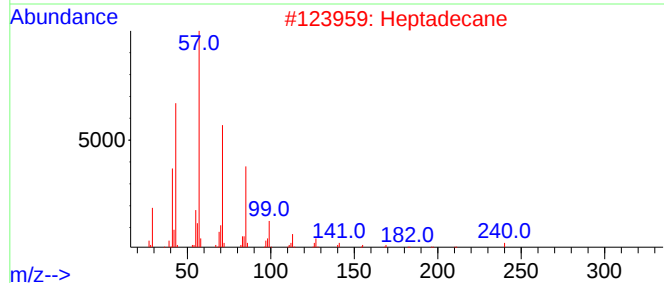
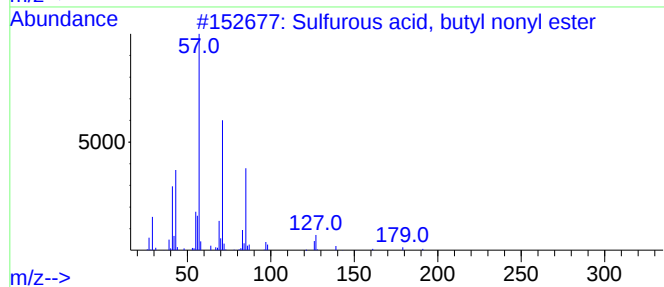
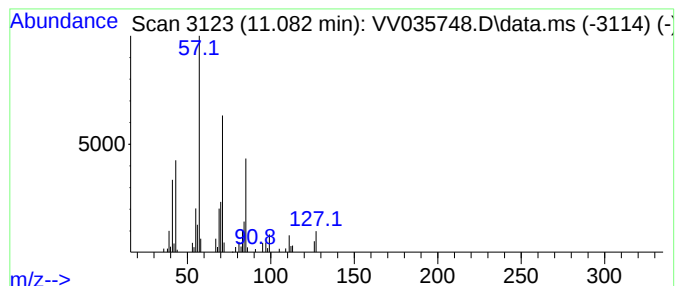
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Sulfurous acid, butyl nonyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	1.96 ug/L	50764	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72
2			Heptadecane	240	C17H36	000629-78-7	72
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
5			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	53



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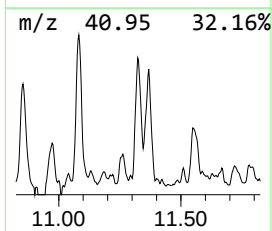
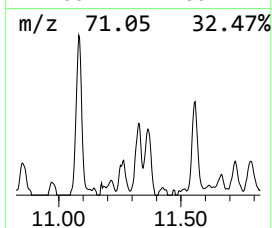
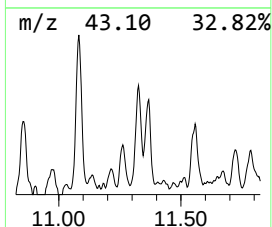
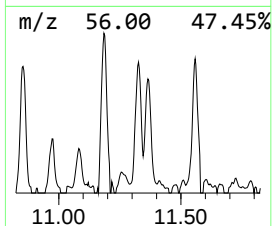
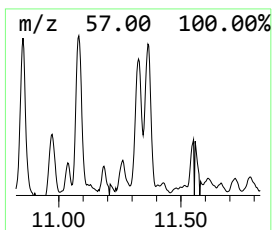
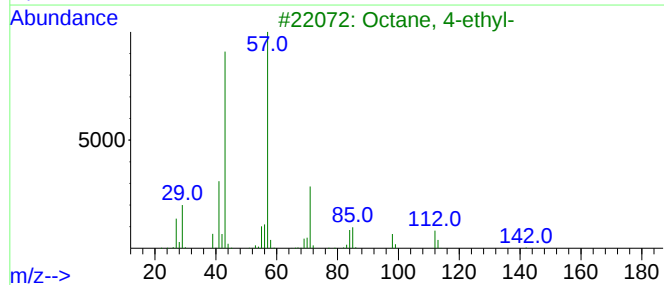
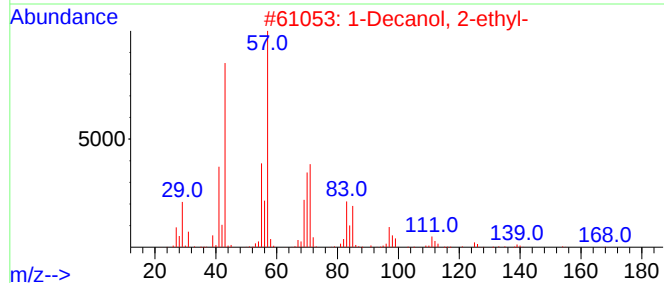
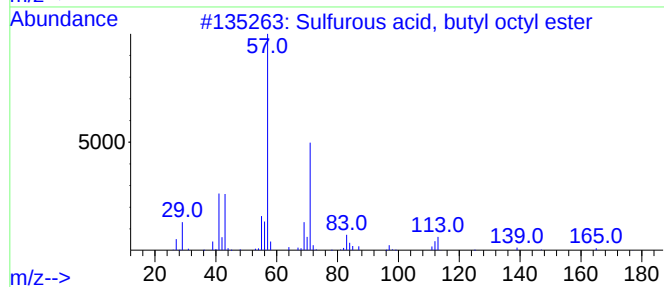
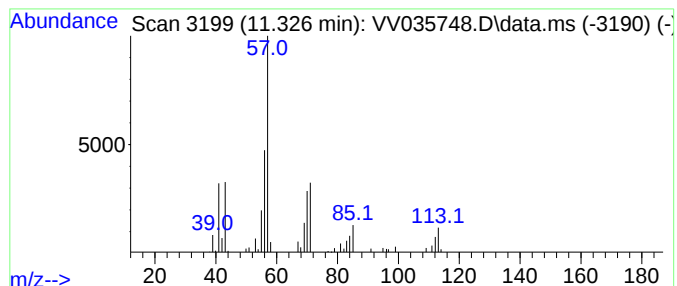
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 6 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.326	1.48 ug/L	38343	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	43
2			1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	38
3			Octane, 4-ethyl-	142	C10H22	015869-86-0	38
4			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	38
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38



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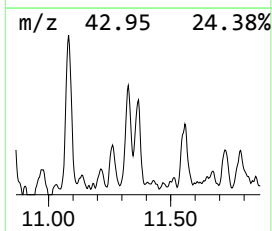
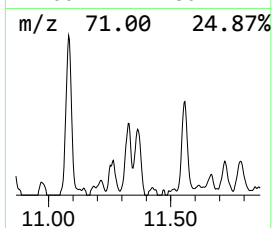
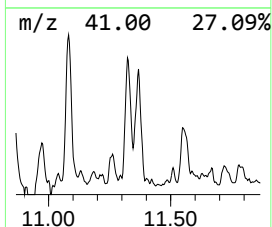
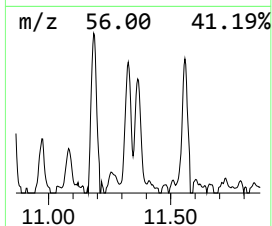
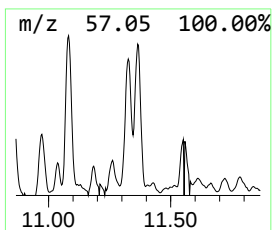
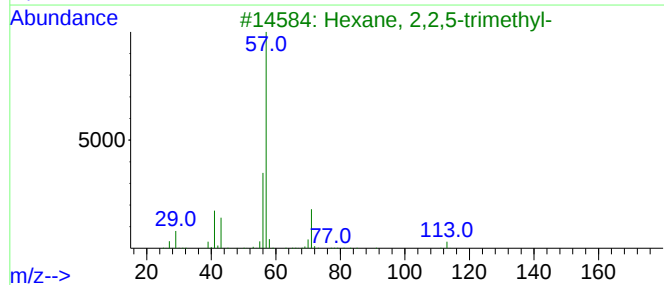
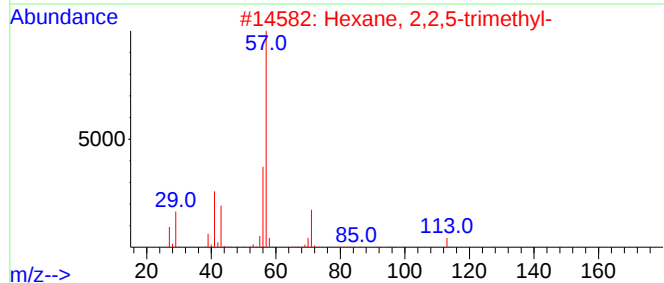
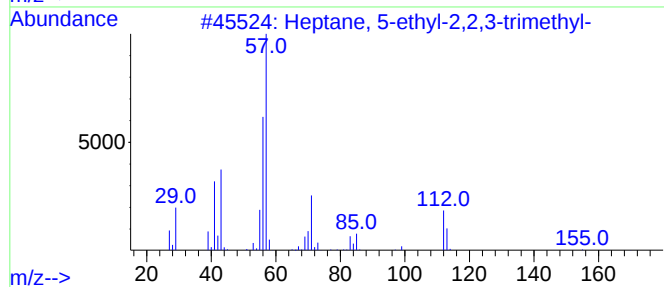
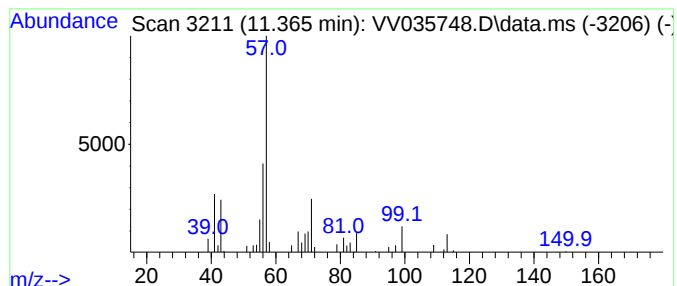
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ClientSampleId :
BH643RE

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.365	1.36 ug/L	35284	1,4-Dichlorobenzene-d4			11.185
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 5-ethyl-2,2,3-trimethyl-		170	C12H26	062199-06-8	59
2	Hexane, 2,2,5-trimethyl-		128	C9H20	003522-94-9	53
3	Hexane, 2,2,5-trimethyl-		128	C9H20	003522-94-9	53
4	Hexane, 2,2,4-trimethyl-		128	C9H20	016747-26-5	53
5	Pentane, 2,2,3,4-tetramethyl-		128	C9H20	001186-53-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035748.D
Acq On : 24 May 2024 15:47
Operator : SY/MD
Sample : P2568-22RE
Misc : 4.71g/10.0mL/MSVOA_V/SOIL/VIAL B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH643RE

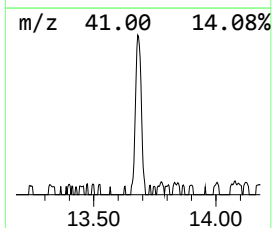
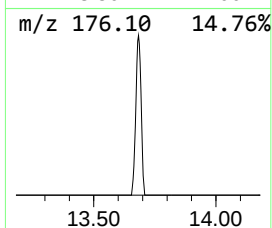
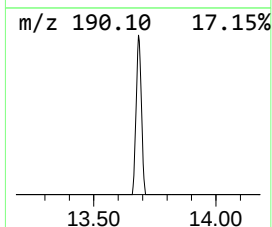
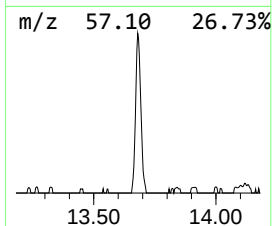
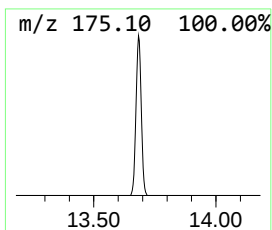
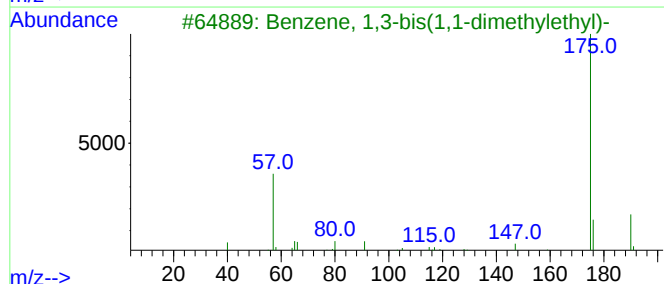
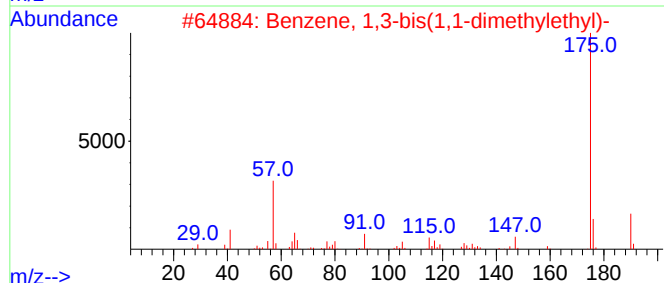
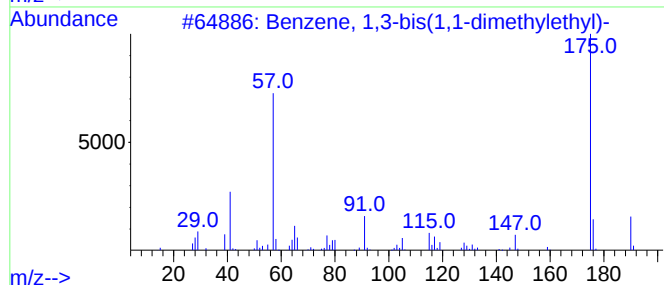
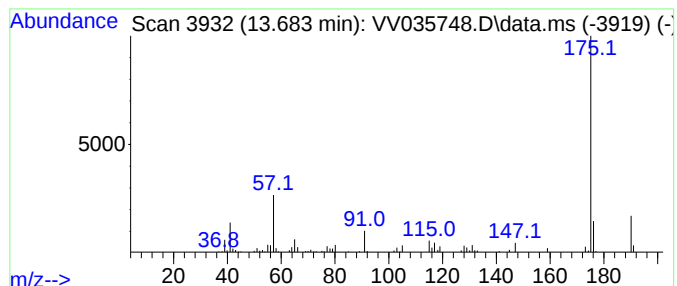
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	2.58 ug/L	66849	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	95
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	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035748.D
Acq On : 24 May 2024 15:47
Operator : SY/MD
Sample : P2568-22RE
Misc : 4.71g/10.0mL/MSVOA_V/SOIL/VIAL B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH643RE

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	#	RT	Resp	Conc
Sulfurous acid,...	11.082	2.0	ug/L	50764	3	11.185	647956	25.0
unknown-01	11.326	1.5	ug/L	38343	3	11.185	647956	25.0
(DEL) Alkane: S...	11.365	1.4	ug/L	35284	3	11.185	647956	25.0
Benzene, 1,3-bi...	13.683	2.6	ug/L	66849	3	11.185	647956	25.0