

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
 Data File : VV035968.D
 Acq On : 04 Jun 2024 11:14
 Operator : SY/MD
 Sample : P2695-11
 Misc : 4.64g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BK5

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: VV035968.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	95	rVB	259440	284825	17.87%	2.691%
2	1.526	144	151	165	rVB	224064	266857	16.75%	2.521%
3	2.050	305	314	334	rVB	409698	595608	37.38%	5.627%
4	2.442	427	436	448	rBV	19507	32445	2.04%	0.307%
5	2.619	487	491	492	rBV	560	293	0.02%	0.003%
6	2.693	505	514	519	rBV7	3217	5495	0.34%	0.052%
7	2.767	533	537	540	rVB4	527	397	0.02%	0.004%
8	2.863	564	567	571	rBV4	684	549	0.03%	0.005%
9	2.963	584	598	614	rBV3	10176	22166	1.39%	0.209%
10	3.101	637	641	645	rVV4	921	986	0.06%	0.009%
11	3.172	658	663	670	rVB3	550	543	0.03%	0.005%
12	3.323	706	710	714	rVB4	404	403	0.03%	0.004%
13	3.567	781	786	789	rBV	440	464	0.03%	0.004%
14	3.654	810	813	819	rVB4	601	430	0.03%	0.004%
15	3.841	855	871	893	rBV3	24413	101827	6.39%	0.962%
16	4.243	979	996	1037	rBV	282393	751944	47.19%	7.104%
17	4.442	1057	1058	1062	rVB4	673	299	0.02%	0.003%
18	4.500	1072	1076	1078	rBV3	826	689	0.04%	0.007%
19	4.561	1093	1095	1097	rBV2	521	303	0.02%	0.003%
20	4.693	1132	1136	1139	rBV3	415	389	0.02%	0.004%
21	4.712	1139	1142	1143	rBV2	638	380	0.02%	0.004%
22	4.950	1201	1216	1252	rBV2	618215	1593487	100.00%	15.054%
23	5.246	1305	1308	1311	rBV3	493	353	0.02%	0.003%
24	5.268	1312	1315	1319	rVB3	884	700	0.04%	0.007%
25	5.291	1319	1322	1327	rBV4	660	563	0.04%	0.005%
26	5.326	1330	1333	1336	rVV3	887	632	0.04%	0.006%
27	5.346	1336	1339	1344	rVB4	929	874	0.05%	0.008%
28	5.374	1344	1348	1349	rBV	537	319	0.02%	0.003%
29	5.426	1357	1364	1365	rBV5	699	656	0.04%	0.006%
30	5.436	1365	1367	1372	rVB3	700	534	0.03%	0.005%
31	5.465	1372	1376	1379	rBV3	356	279	0.02%	0.003%
32	5.529	1384	1396	1436	rBV	620031	1309254	82.16%	12.369%
33	5.831	1479	1490	1508	rBV7	14740	36501	2.29%	0.345%
34	5.985	1524	1538	1568	rBV	366802	776989	48.76%	7.340%
35	6.281	1627	1630	1636	rBV5	693	603	0.04%	0.006%
36	6.426	1672	1675	1677	rBV3	846	560	0.04%	0.005%

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Integrator: RTE

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Peak Location: TOP

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

37	6.532	1705	1708	1710	rBV	375	293	0.02%	0.003%
38	6.558	1712	1716	1721	rBV4	561	454	0.03%	0.004%
39	6.690	1755	1757	1761	rBV2	541	335	0.02%	0.003%
40	6.911	1815	1826	1860	rBV	141952	293383	18.41%	2.772%
41	7.181	1901	1910	1917	rBV6	4103	8343	0.52%	0.079%
42	7.239	1917	1928	1949	rBV	573663	1013368	63.59%	9.574%
43	7.554	2016	2026	2054	rBV	84037	169765	10.65%	1.604%
44	7.789	2092	2099	2103	rBV6	1880	2331	0.15%	0.022%
45	7.870	2116	2124	2131	rBV2	4916	7931	0.50%	0.075%
46	8.034	2165	2175	2198	rBV	90902	211385	13.27%	1.997%
47	8.783	2393	2408	2436	rBV	700639	1178811	73.98%	11.137%
48	8.956	2456	2462	2473	rVB	9126	14453	0.91%	0.137%
49	9.082	2495	2501	2515	rVB5	4181	7493	0.47%	0.071%
50	9.416	2599	2605	2606	rBV3	310	330	0.02%	0.003%
51	9.432	2608	2610	2613	rVB3	494	312	0.02%	0.003%
52	9.487	2618	2627	2629	rBV	7371	9731	0.61%	0.092%
53	9.596	2657	2661	2664	rBV3	349	312	0.02%	0.003%
54	9.670	2678	2684	2691	rBV7	1866	2890	0.18%	0.027%
55	9.837	2728	2736	2744	rBV6	3875	6072	0.38%	0.057%
56	9.866	2744	2745	2749	rVB3	825	453	0.03%	0.004%
57	9.940	2763	2768	2770	rBV3	1240	1188	0.07%	0.011%
58	9.988	2779	2783	2785	rBV3	448	320	0.02%	0.003%
59	10.059	2798	2805	2817	rVV4	3431	5210	0.33%	0.049%
60	10.152	2820	2834	2860	rBV	205944	347108	21.78%	3.279%
61	10.323	2878	2887	2901	rVB2	9502	16320	1.02%	0.154%
62	10.394	2905	2909	2912	rVV2	355	302	0.02%	0.003%
63	10.455	2924	2928	2929	rBV3	688	436	0.03%	0.004%
64	10.464	2929	2931	2933	rBV3	863	518	0.03%	0.005%
65	10.593	2966	2971	2974	rBV4	1022	779	0.05%	0.007%
66	10.677	2994	2997	3000	rBV5	817	575	0.04%	0.005%
67	10.709	3003	3007	3013	rVV6	1192	1430	0.09%	0.014%
68	10.734	3013	3015	3018	rVV2	626	381	0.02%	0.004%
69	10.770	3018	3026	3035	rVB6	2480	3333	0.21%	0.031%
70	10.853	3043	3052	3072	rVB3	15098	26578	1.67%	0.251%
71	10.931	3072	3076	3078	rBV4	602	421	0.03%	0.004%
72	10.972	3078	3089	3098	rBV	7514	11597	0.73%	0.110%
73	11.082	3114	3123	3132	rBV	27680	43226	2.71%	0.408%
74	11.127	3132	3137	3145	rVB7	4818	6453	0.40%	0.061%
75	11.185	3145	3155	3172	rBV	333424	578472	36.30%	5.465%
76	11.323	3189	3198	3205	rBV3	23540	40532	2.54%	0.383%

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Peak separation: 5

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Title : VOC Analysis

77	11.365	3205	3211	3224	rVB	30688	47135	2.96%	0.445%
78	11.487	3240	3249	3261	rBV2	31711	73715	4.63%	0.696%
79	11.558	3262	3271	3298	rVB	267924	454813	28.54%	4.297%
80	11.718	3315	3321	3332	rVB7	9080	13790	0.87%	0.130%
81	11.779	3335	3340	3355	rVB8	8587	18039	1.13%	0.170%
82	12.194	3462	3469	3478	rVB3	8344	12453	0.78%	0.118%
83	12.297	3493	3501	3511	rBV8	5675	10825	0.68%	0.102%
84	12.615	3594	3600	3608	rVB6	5534	8058	0.51%	0.076%
85	12.898	3685	3688	3691	rBV2	519	297	0.02%	0.003%
86	13.088	3742	3747	3749	rBV3	1181	949	0.06%	0.009%
87	13.152	3763	3767	3771	rBV5	796	982	0.06%	0.009%
88	13.207	3775	3784	3789	rBV6	1973	2753	0.17%	0.026%
89	13.271	3800	3804	3810	rVB5	529	533	0.03%	0.005%
90	13.358	3828	3831	3833	rBV3	606	443	0.03%	0.004%
91	13.400	3837	3844	3846	rBV6	1289	1229	0.08%	0.012%
92	13.438	3847	3856	3876	rVV	70314	123346	7.74%	1.165%
93	13.631	3913	3916	3921	rVB4	770	581	0.04%	0.005%
94	13.683	3926	3932	3941	rVB8	5075	7758	0.49%	0.073%
95	13.815	3968	3973	3974	rBV4	669	527	0.03%	0.005%
96	13.901	3996	4000	4004	rBV5	1035	1032	0.06%	0.010%
97	13.972	4018	4022	4023	rBV2	888	629	0.04%	0.006%
98	14.207	4091	4095	4096	rBV4	913	550	0.03%	0.005%
99	14.284	4116	4119	4123	rBV3	876	746	0.05%	0.007%
100	14.718	4251	4254	4257	rBV3	836	671	0.04%	0.006%

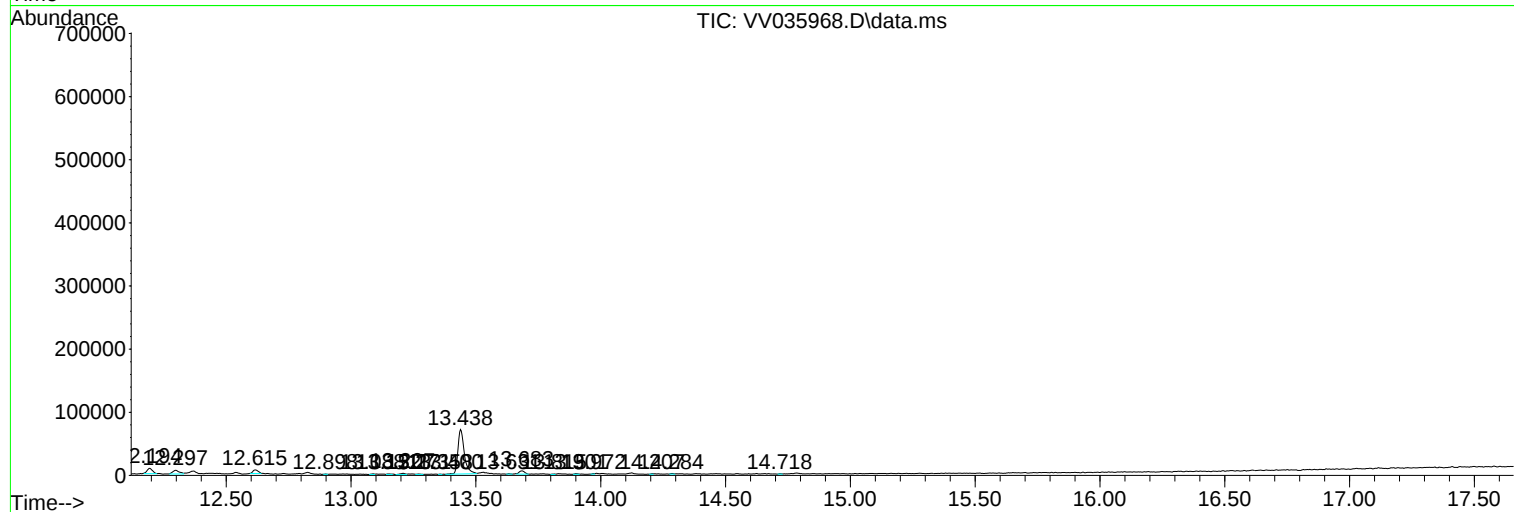
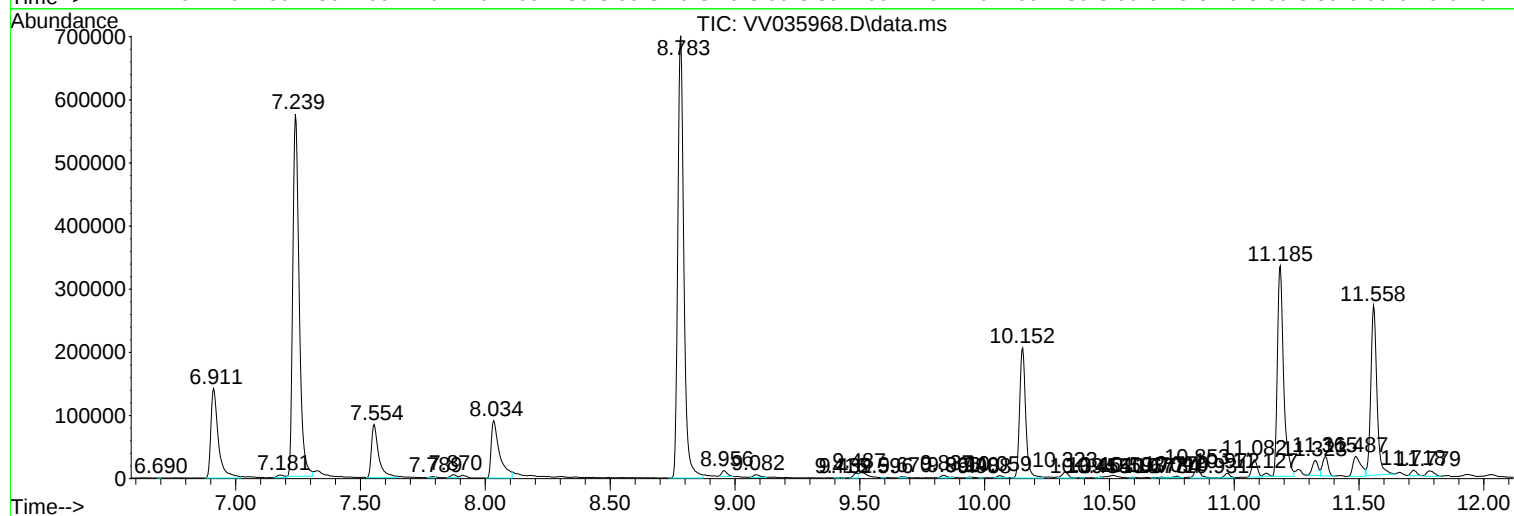
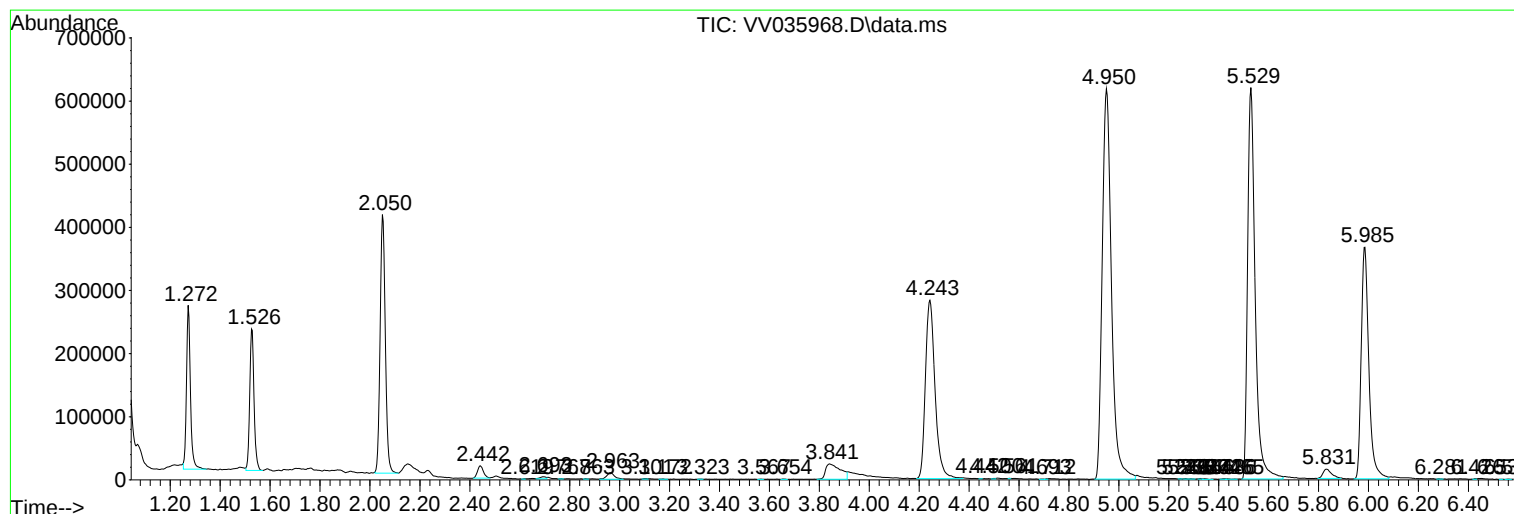
Sum of corrected areas: 10585074

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Instrument :
MSVOA_V
ClientSampleId :
A4BK5

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



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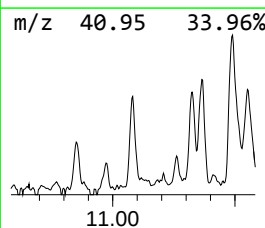
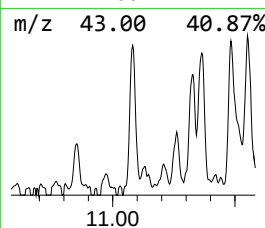
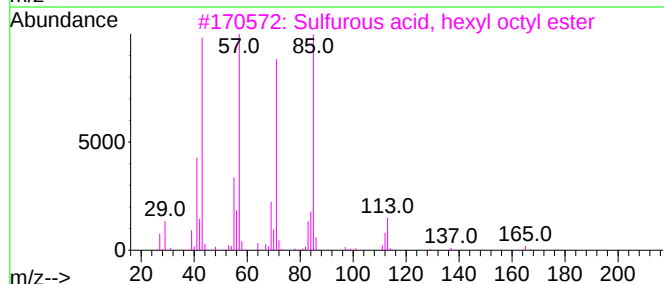
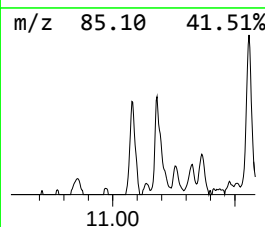
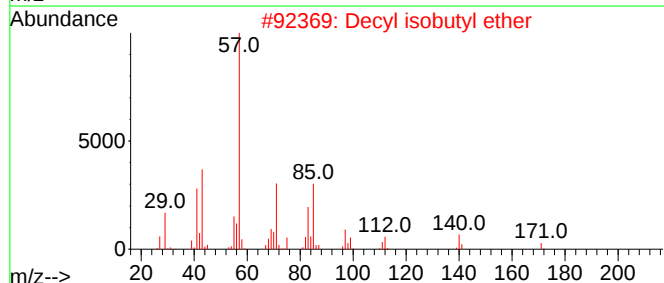
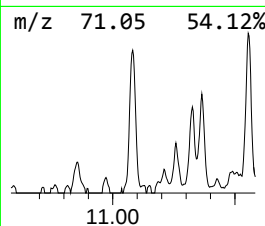
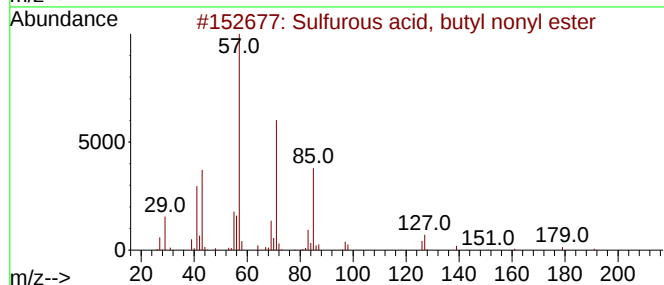
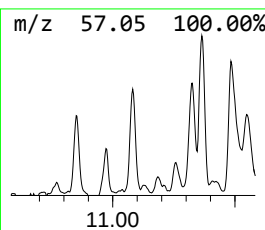
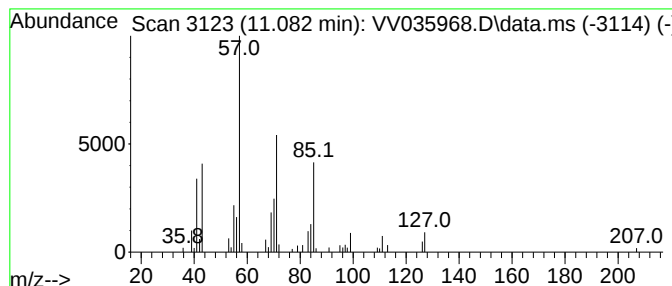
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Sulfurous acid, butyl nonyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	1.87 ug/L	43226	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			Decyl isobutyl ether	214	C14H30O	1010406-32-5	53
3			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	50
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50
5			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	47



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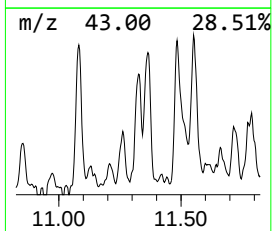
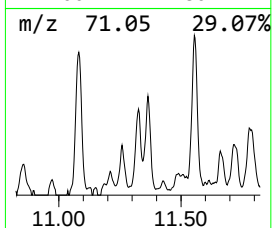
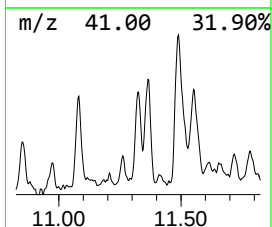
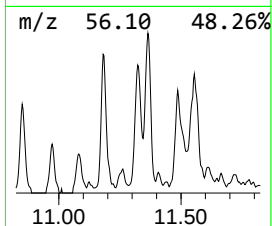
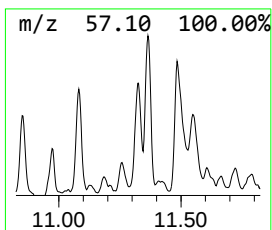
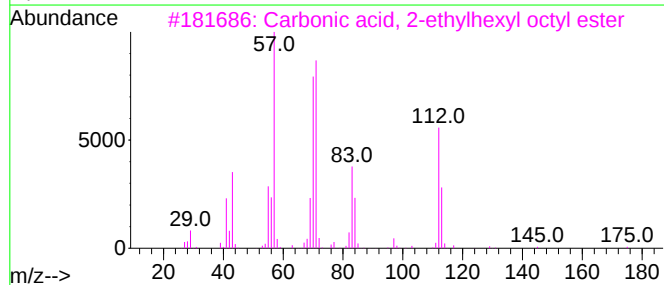
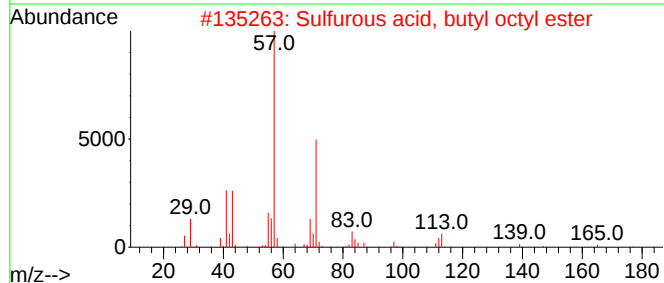
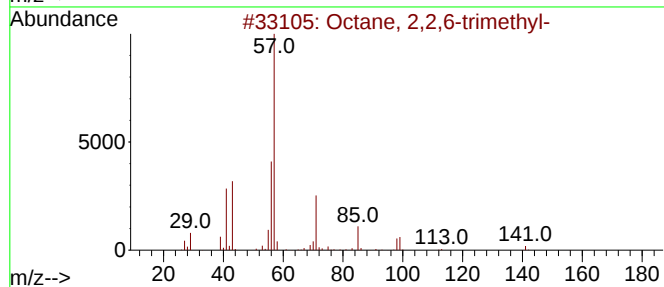
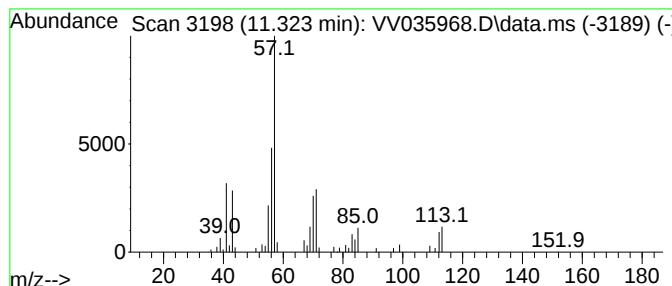
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.323	1.75 ug/L	40532	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	50
2			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	47
3			Carbonic acid, 2-ethylhexyl octyl...	286	C17H34O3	1000383-13-5	47
4			Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	43
5			Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	43



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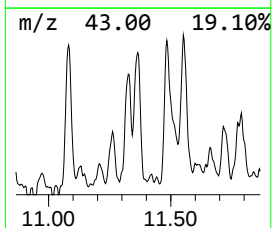
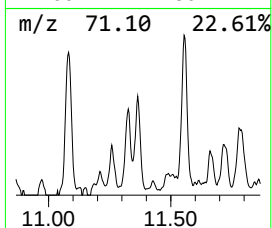
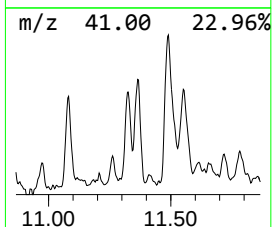
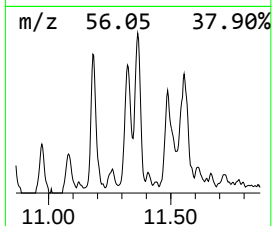
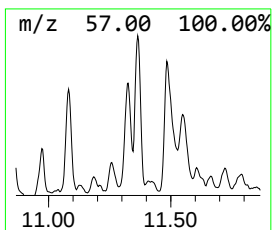
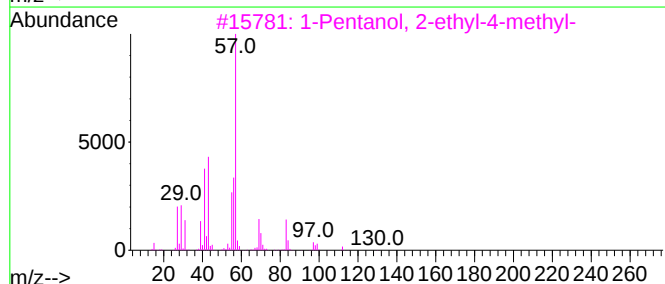
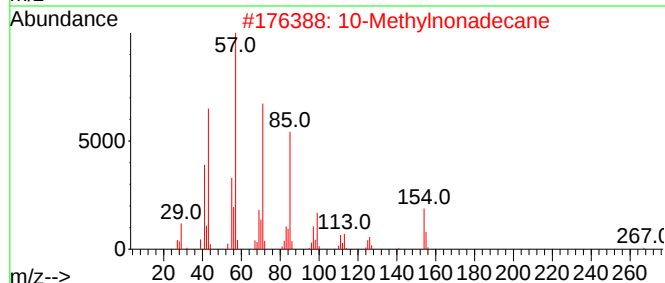
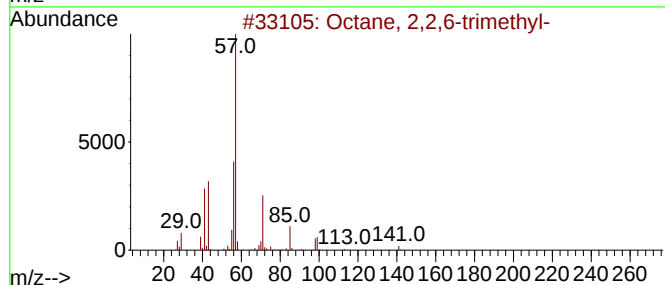
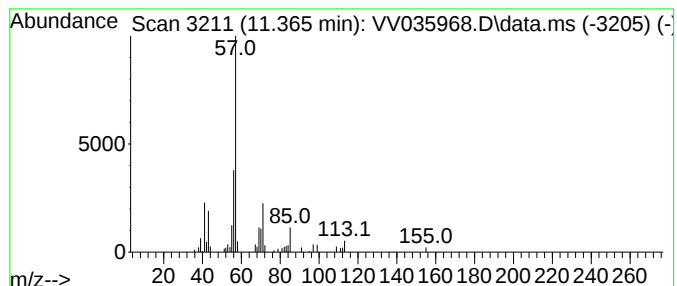
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.365	2.04 ug/L	47135	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
2			10-Methylnonadecane	282	C20H42	056862-62-5	50
3			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
4			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
Data File : VV035968.D
Acq On : 04 Jun 2024 11:14
Operator : SY/MD
Sample : P2695-11
Misc : 4.64g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BK5

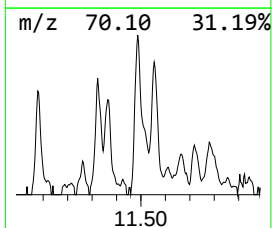
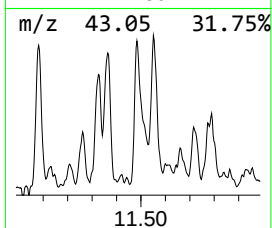
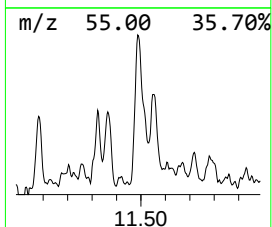
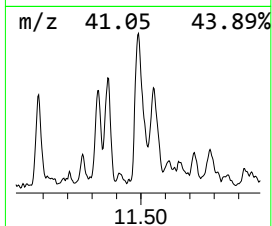
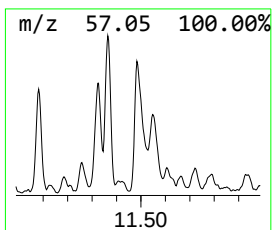
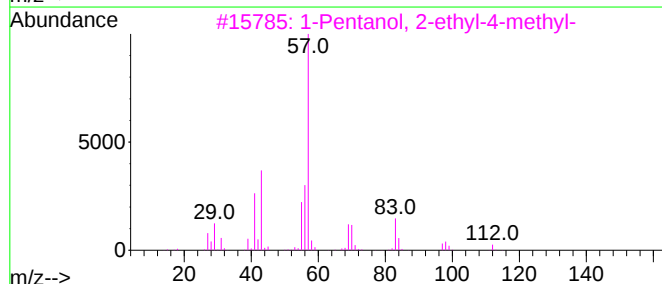
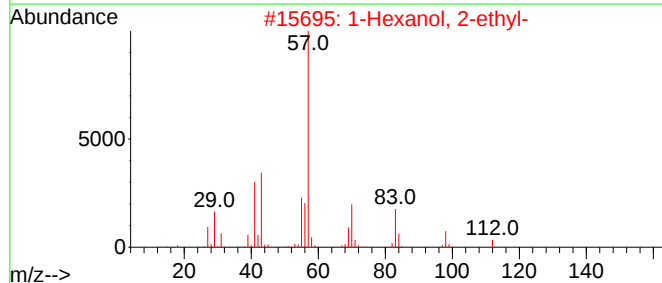
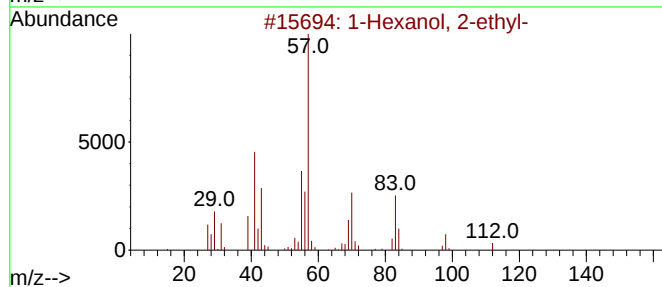
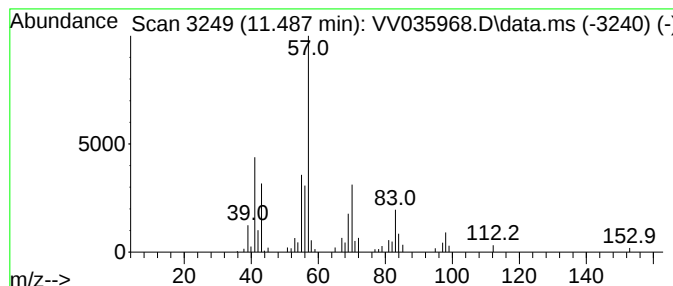
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Quant Title : VOC Analysis

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

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.487	3.19 ug/L	73715	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
Data File : VV035968.D
Acq On : 04 Jun 2024 11:14
Operator : SY/MD
Sample : P2695-11
Misc : 4.64g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BK5

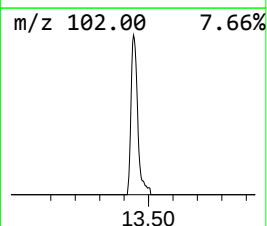
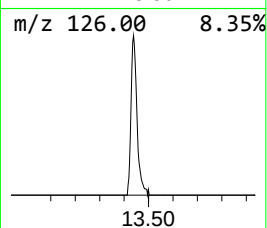
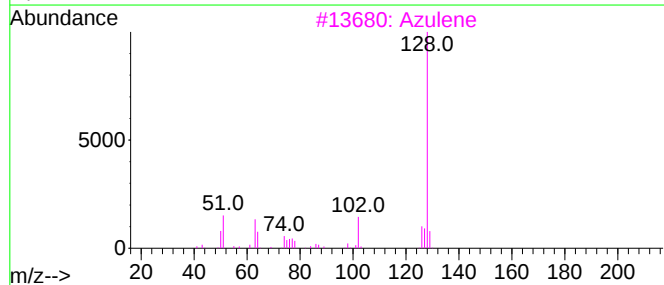
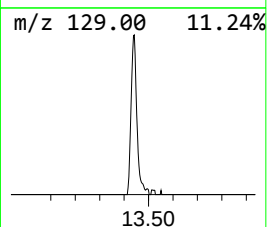
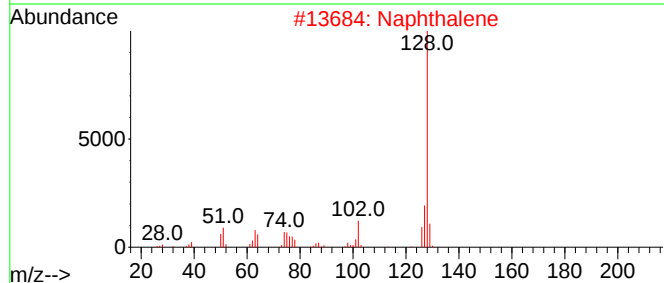
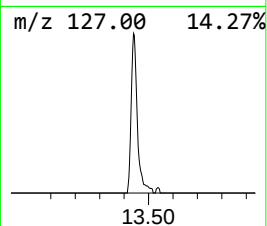
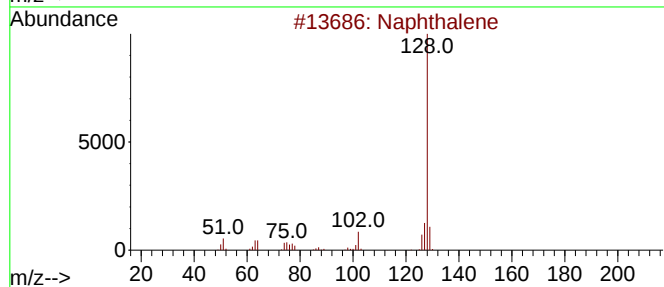
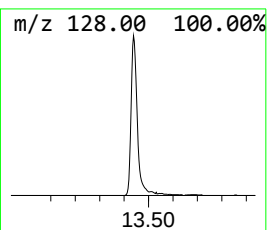
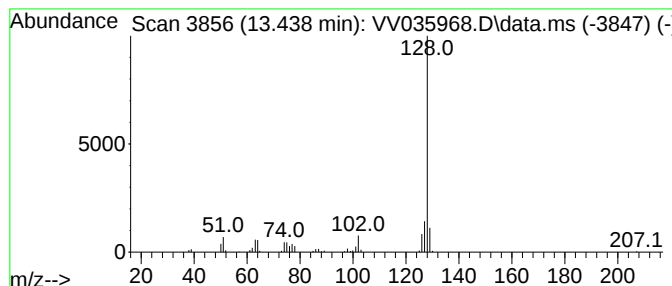
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Quant Title : VOC Analysis

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

Peak Number 6 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	5.33 ug/L	123346	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Azulene	128	C10H8	000275-51-4	91
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
Data File : VV035968.D
Acq On : 04 Jun 2024 11:14
Operator : SY/MD
Sample : P2695-11
Misc : 4.64g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BK5

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfurous acid,...	11.082	1.9	ug/L	43226	3	11.185	578472	25.0
(DEL) Alkane: S...	11.323	1.8	ug/L	40532	3	11.185	578472	25.0
(DEL) Alkane: S...	11.365	2.0	ug/L	47135	3	11.185	578472	25.0
1-Hexanol, 2-et...	11.487	3.2	ug/L	73715	3	11.185	578472	25.0
Azulene	13.438	5.3	ug/L	123346	3	11.185	578472	25.0