

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036508.D
 Acq On : 12 Jul 2024 15:26
 Operator : SY/MD
 Sample : P3215-08
 Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D23

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\SFAMVLM071124SMA.M
 Title : VOC Analysis

Signal : TIC: VV036508.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	67	73	93	rVB	220173	241142	20.99%	3.583%
2	1.529	146	152	166	rVB	191769	230016	20.02%	3.418%
3	2.053	306	315	333	rVB	416958	593909	51.69%	8.824%
4	2.442	425	436	452	rBV	52312	91827	7.99%	1.364%
5	2.545	467	468	470	rBV	345	142	0.01%	0.002%
6	2.619	484	491	492	rBV2	293	287	0.02%	0.004%
7	2.651	499	501	503	rBV2	205	120	0.01%	0.002%
8	2.696	511	515	516	rBV3	508	307	0.03%	0.005%
9	2.963	586	598	613	rBV5	6731	14095	1.23%	0.209%
10	3.034	619	620	627	rVB	230	153	0.01%	0.002%
11	3.140	647	653	656	rBV2	287	335	0.03%	0.005%
12	3.175	661	664	667	rBV	198	194	0.02%	0.003%
13	3.336	711	714	719	rVB2	216	174	0.02%	0.003%
14	3.436	743	745	749	rVB	188	119	0.01%	0.002%
15	3.516	763	770	773	rBV2	167	176	0.02%	0.003%
16	3.616	798	801	805	rBV2	210	137	0.01%	0.002%
17	3.683	818	822	825	rBV	221	133	0.01%	0.002%
18	3.822	862	865	870	rVB	4922	3208	0.28%	0.048%
19	3.886	870	885	886	rBV4	3757	5213	0.45%	0.077%
20	4.246	980	997	1028	rBV2	203507	531619	46.27%	7.899%
21	4.497	1073	1075	1078	rBV2	392	153	0.01%	0.002%
22	4.548	1089	1091	1096	rBV2	329	194	0.02%	0.003%
23	4.600	1103	1107	1110	rBV2	217	189	0.02%	0.003%
24	4.748	1151	1153	1158	rVB2	266	170	0.01%	0.003%
25	4.773	1158	1161	1167	rVB2	340	280	0.02%	0.004%
26	4.809	1167	1172	1175	rBV2	281	217	0.02%	0.003%
27	4.841	1179	1182	1184	rVV	255	133	0.01%	0.002%
28	4.953	1202	1217	1261	rBV2	449557	1148881	100.00%	17.070%
29	5.326	1330	1333	1336	rBV2	373	205	0.02%	0.003%
30	5.461	1373	1375	1378	rBV2	266	134	0.01%	0.002%
31	5.532	1385	1397	1436	rBV	402654	865595	75.34%	12.861%
32	5.928	1517	1520	1521	rBV	270	185	0.02%	0.003%
33	5.986	1526	1538	1565	rBV	246419	516362	44.94%	7.672%
34	6.378	1657	1660	1662	rBV2	315	195	0.02%	0.003%
35	6.416	1670	1672	1675	rBV2	276	131	0.01%	0.002%
36	6.474	1687	1690	1694	rVB2	385	358	0.03%	0.005%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Title : VOC Analysis

37	6.506	1694	1700	1702	rBV	228	174	0.02%	0.003%
38	6.526	1702	1706	1708	rBV3	178	129	0.01%	0.002%
39	6.551	1712	1714	1717	rVB2	289	170	0.01%	0.003%
40	6.577	1717	1722	1724	rBV2	321	230	0.02%	0.003%
41	6.590	1724	1726	1729	rBV2	275	127	0.01%	0.002%
42	6.648	1737	1744	1746	rBV2	376	320	0.03%	0.005%
43	6.741	1769	1773	1776	rVB2	209	154	0.01%	0.002%
44	6.834	1800	1802	1807	rBV	297	178	0.02%	0.003%
45	6.915	1815	1827	1850	rBV2	54407	112228	9.77%	1.667%
46	7.172	1903	1907	1910	rBV3	328	259	0.02%	0.004%
47	7.243	1916	1929	1956	rBV	405125	740747	64.48%	11.006%
48	7.558	2018	2027	2052	rBV2	34281	72206	6.28%	1.073%
49	7.748	2084	2086	2089	rBV3	423	218	0.02%	0.003%
50	7.793	2097	2100	2104	rVB2	416	202	0.02%	0.003%
51	7.879	2119	2127	2135	rVV3	1897	3158	0.27%	0.047%
52	7.947	2143	2148	2151	rBV2	207	186	0.02%	0.003%
53	8.047	2171	2179	2213	rBV6	21871	81311	7.08%	1.208%
54	8.362	2275	2277	2281	rBV	277	161	0.01%	0.002%
55	8.381	2281	2283	2287	rVB2	535	284	0.02%	0.004%
56	8.448	2301	2304	2306	rBV3	618	372	0.03%	0.006%
57	8.500	2316	2320	2327	rVB4	541	710	0.06%	0.011%
58	8.622	2356	2358	2361	rBV2	240	159	0.01%	0.002%
59	8.670	2370	2373	2375	rBV2	446	245	0.02%	0.004%
60	8.783	2397	2408	2442	rBV	416855	710346	61.83%	10.554%
61	9.088	2498	2503	2507	rBV4	817	1029	0.09%	0.015%
62	9.149	2518	2522	2524	rBV2	285	186	0.02%	0.003%
63	9.194	2534	2536	2540	rVB	282	113	0.01%	0.002%
64	9.236	2547	2549	2553	rVB2	267	116	0.01%	0.002%
65	9.304	2568	2570	2574	rVB2	296	178	0.02%	0.003%
66	9.336	2576	2580	2582	rBV	219	125	0.01%	0.002%
67	9.490	2625	2628	2631	rBV	422	358	0.03%	0.005%
68	9.673	2682	2685	2687	rBV2	216	135	0.01%	0.002%
69	9.731	2699	2703	2708	rBV2	190	179	0.02%	0.003%
70	9.780	2711	2718	2721	rBV2	375	459	0.04%	0.007%
71	9.818	2725	2730	2732	rBV2	496	427	0.04%	0.006%
72	9.841	2732	2737	2741	rVB3	1184	1320	0.11%	0.020%
73	10.063	2797	2806	2815	rBV5	4629	7023	0.61%	0.104%
74	10.153	2823	2834	2857	rBV	112014	187962	16.36%	2.793%
75	10.390	2906	2908	2912	rVB3	202	128	0.01%	0.002%
76	10.413	2912	2915	2916	rBV	196	113	0.01%	0.002%

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 Title : VOC Analysis

77	10.509	2937	2945	2951	rBV7	2411	3965	0.35%	0.059%
78	10.635	2981	2984	2986	rVB2	251	121	0.01%	0.002%
79	10.657	2986	2991	2994	rBV3	769	618	0.05%	0.009%
80	10.706	3002	3006	3007	rBV3	569	400	0.03%	0.006%
81	10.770	3019	3026	3035	rVB6	2050	2919	0.25%	0.043%
82	10.850	3044	3051	3066	rVB3	13653	20931	1.82%	0.311%
83	11.082	3111	3123	3133	rBV3	22991	37841	3.29%	0.562%
84	11.185	3145	3155	3171	rBV	159011	264716	23.04%	3.933%
85	11.558	3262	3271	3289	rVB2	120764	201486	17.54%	2.994%
86	12.194	3459	3469	3479	rBV3	3582	6188	0.54%	0.092%
87	12.297	3494	3501	3512	rBV9	3173	5764	0.50%	0.086%
88	12.429	3539	3542	3544	rBV2	361	233	0.02%	0.003%
89	12.535	3569	3575	3583	rVB5	1516	2466	0.21%	0.037%
90	12.792	3648	3655	3659	rBV4	1024	1320	0.11%	0.020%
91	12.824	3659	3665	3673	rVV7	2398	3808	0.33%	0.057%
92	13.021	3722	3726	3727	rBV	282	203	0.02%	0.003%
93	13.165	3769	3771	3773	rBV	329	183	0.02%	0.003%
94	13.214	3782	3786	3789	rBV2	893	623	0.05%	0.009%
95	13.281	3804	3807	3810	rBV3	365	264	0.02%	0.004%
96	13.461	3861	3863	3868	rVB4	998	658	0.06%	0.010%
97	13.580	3897	3900	3904	rBV2	672	515	0.04%	0.008%
98	13.638	3916	3918	3921	rBV3	515	400	0.03%	0.006%
99	13.683	3925	3932	3942	rVB4	2439	3852	0.34%	0.057%
100	14.152	4076	4078	4079	rBV2	386	197	0.02%	0.003%

Sum of corrected areas: 6730484

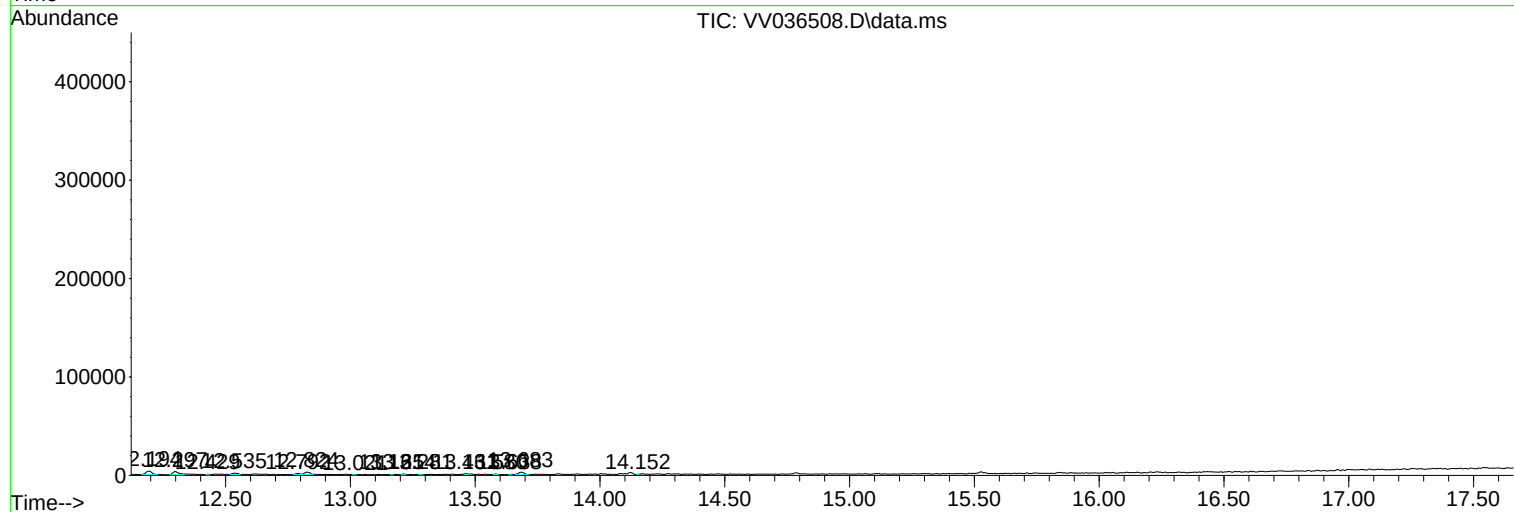
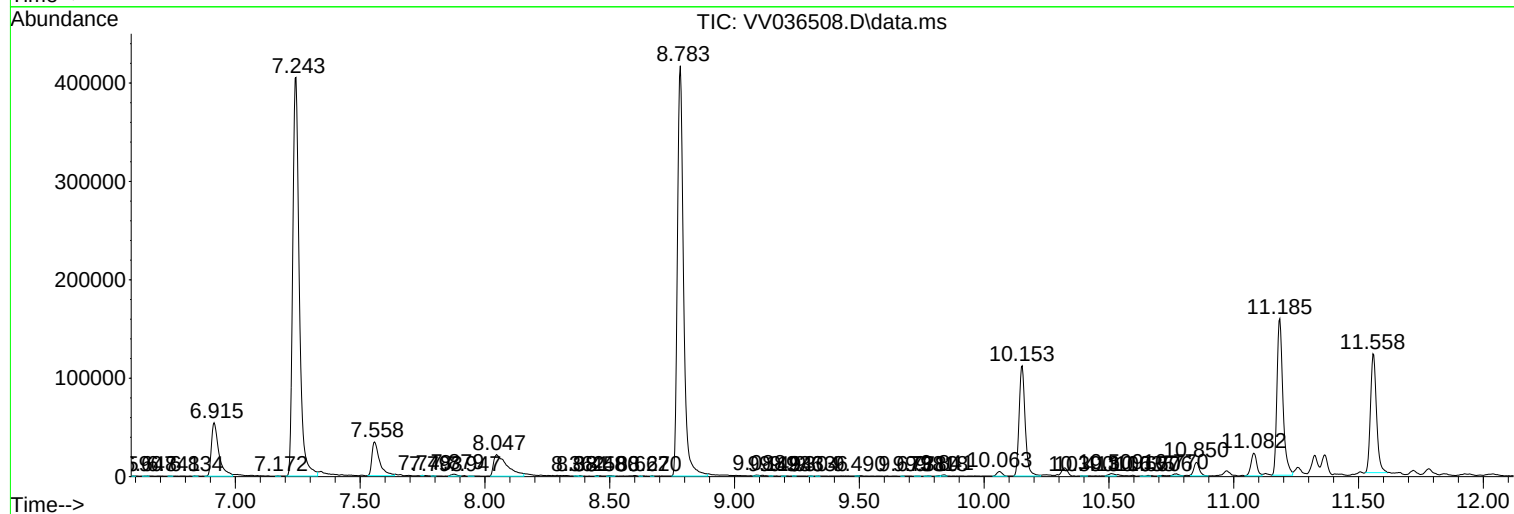
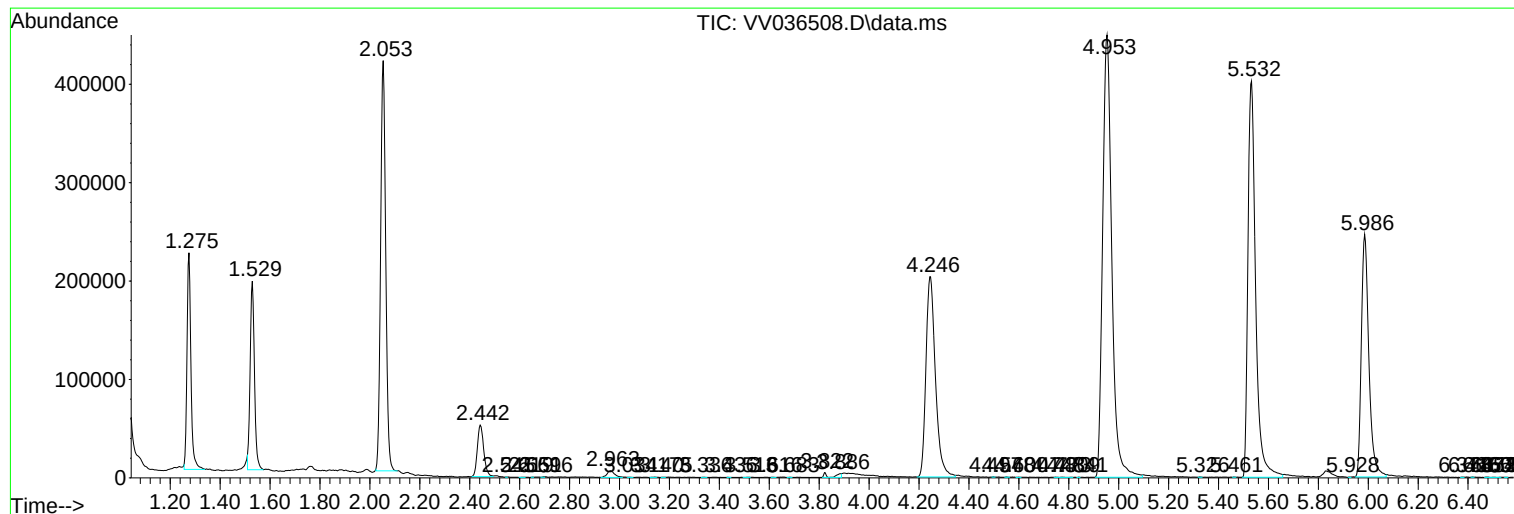
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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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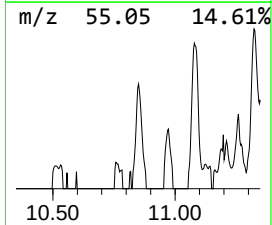
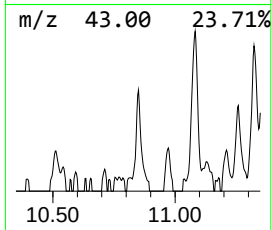
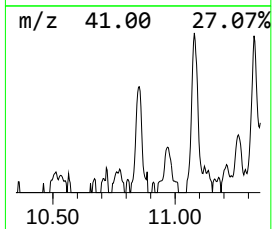
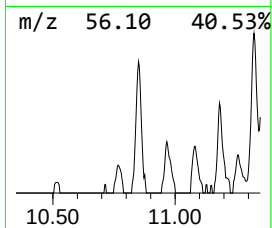
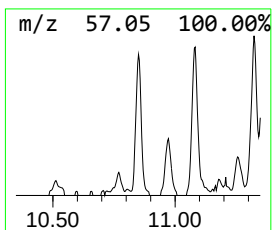
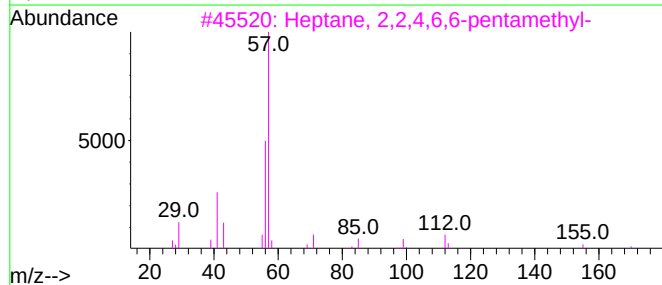
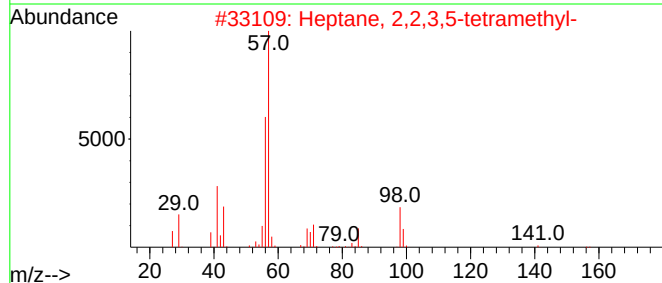
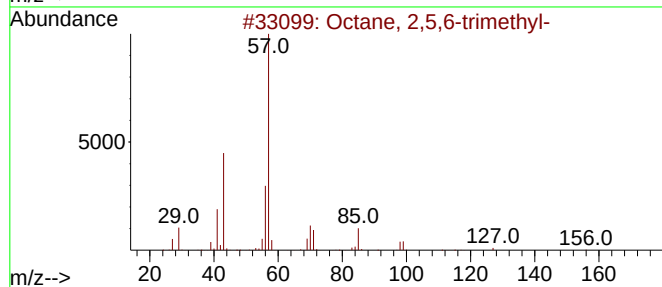
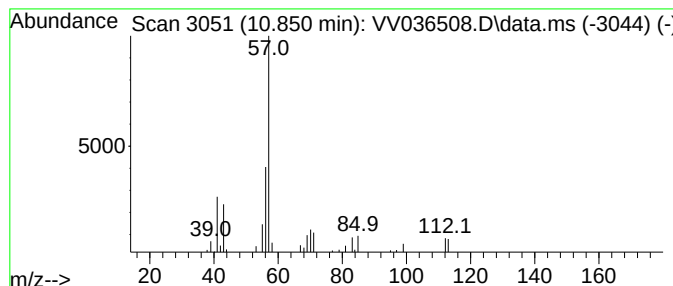
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.850	1.98 ug/L	20931	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	78
2			Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	72
3			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
4			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59



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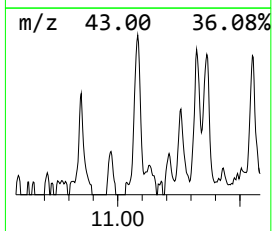
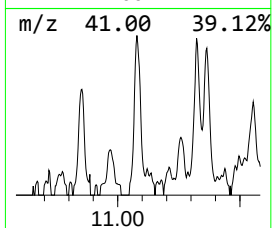
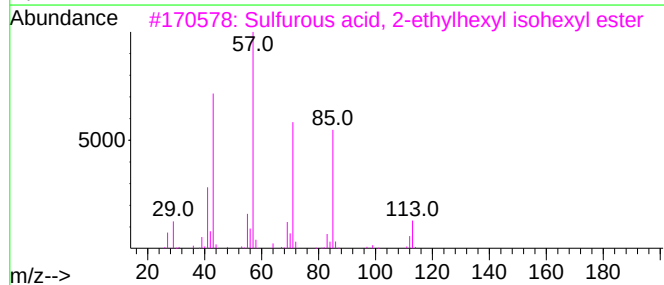
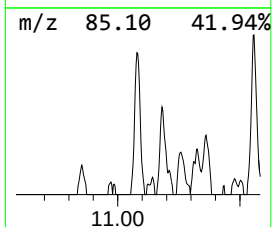
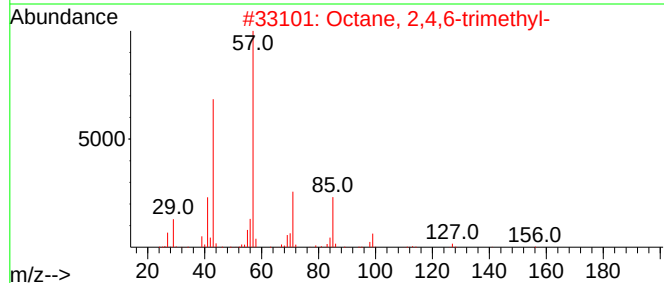
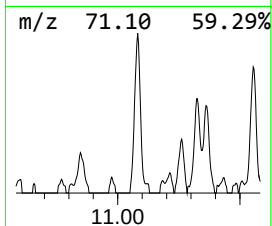
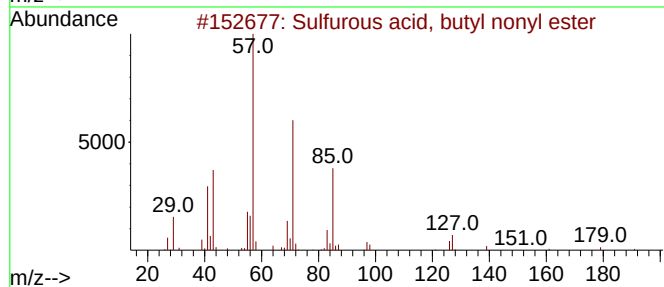
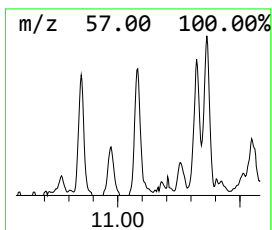
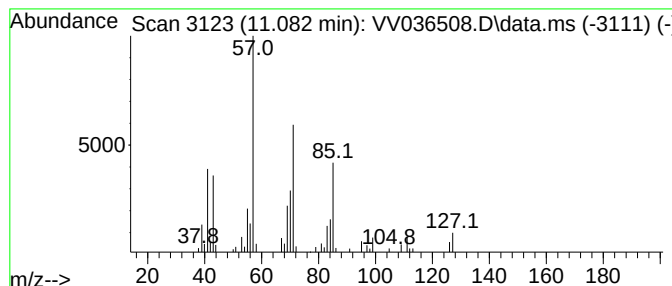
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Sulfurous acid, butyl nonyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	3.57 ug/L	37841	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	64
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
3			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	50
5			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	47



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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...	10.850	2.0	ug/L	20931	3	11.185	264716	25.0
Sulfurous acid,...	11.082	3.6	ug/L	37841	3	11.185	264716	25.0