LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036525.D
Acq On : 15 Jul 2024 14:14
Operator : SY/MD
Sample : P3215-08RE
Misc : 4.89g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D23RE

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: VV036525.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	65	72	94	rVB	229575	250622	20.32%	3.237%
2	1.526	144	151	165	rVB	190254	233737	18.96%	3.019%
3	2.047	304	313	329	rVB	444463	640684	51.96%	8.274%
4	2.320	396	398	402	rBV	382	224	0.02%	0.003%
5	2.439	424	435	452	rBV	62790	110420	8.95%	1.426%
6	2.545	465	468	469	rBV	267	182	0.01%	0.002%
7	2.629	491	494	498	rBV2	190	145	0.01%	0.002%
8	2.745	527	530	532	rBV2	207	141	0.01%	0.002%
9	2.928	583	587	588	rBV	318	193	0.02%	0.002%
10	2.960	588	597	616	rVB2	8666	17116	1.39%	0.221%
11	3.079	632	634	640	rVB2	260	179	0.01%	0.002%
12	3.208	673	674	680	rVB2	223	121	0.01%	0.002%
13	3.294	698	701	704	rBV2	250	133	0.01%	0.002%
14	3.323	708	710	713	rBV2	181	123	0.01%	0.002%
15	3.619	797	802	808	rVB2	157	191	0.02%	0.002%
16	3.671	812	818	825	rBV3	301	425	0.03%	0.005%
17	3.806	858	860	863	rBV	230	134	0.01%	0.002%
18	3.857	864	876	879	rBV4	6409	11113	0.90%	0.144%
19	4.243	980	996	1030	rBV	217798	575112	46.64%	7.427%
20	4.564	1093	1096	1100	rVB3	518	332	0.03%	0.004%
21	4.584	1100	1102	1105	rVV2	320	177	0.01%	0.002%
22	4.613	1109	1111	1114	rVB2	370	172	0.01%	0.002%
23	4.754	1152	1155	1157	rBV2	238	153	0.01%	0.002%
24	4.786	1162	1165	1167	rBV	248	189	0.02%	0.002%
25	4.950	1201	1216	1259	rBV2	485437	1233094	100.00%	15.925%
26	5.462	1373	1375	1378	rBV2	312	191	0.02%	0.002%
27	5.529	1382	1396	1434	rBV	507103	1073037	87.02%	13.858%
28	5.834	1480	1491	1511	rVB2	9262	21682	1.76%	0.280%
29	5.986	1525	1538	1570	rBV	264831	562510	45.62%	7.265%
30	6.201	1603	1605	1607	rBV3	486	190	0.02%	0.002%
31	6.262	1623	1624	1627	rVB2	510	179	0.01%	0.002%
32	6.281	1627	1630	1631	rBV	309	175	0.01%	0.002%
33	6.307	1636	1638	1642	rBV2	348	208	0.02%	0.003%
34	6.330	1642	1645	1648	rVB2	517	190	0.02%	0.002%
35	6.397	1662	1666	1668	rBV	407	288	0.02%	0.004%
36	6.433	1673	1677	1679	rBV2	307	222	0.02%	0.003%

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Misc : 4.89g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D23RE

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

37	6.455	1682	1684	1687	rVB2	286	178	0.01%	0.002%
38	6.487	1692	1694	1697	rVV2	315	181	0.01%	0.002%
39	6.519	1701	1704	1707	rVB	285	180	0.01%	0.002%
40	6.539	1707	1710	1714	rBV2	195	143	0.01%	0.002%
41	6.619	1728	1735	1737	rBV2	200	210	0.02%	0.003%
42	6.822	1796	1798	1803	rVB	301	171	0.01%	0.002%
43	6.847	1803	1806	1811	rBV3	258	200	0.02%	0.003%
44	6.915	1811	1827	1852	rBV	68056	140261	11.37%	1.811%
45	7.166	1902	1905	1906	rBV2	242	138	0.01%	0.002%
46	7.198	1912	1915	1917	rVB	254	129	0.01%	0.002%
47	7.240	1917	1928	1946	rBV	453591	817508	66.30%	10.558%
48	7.558	2018	2027	2049	rBV	47618	94488	7.66%	1.220%
49	7.796	2099	2101	2103	rBV2	267	192	0.02%	0.002%
50	7.873	2119	2125	2135	rVB3	2092	3519	0.29%	0.045%
51	7.915	2135	2138	2141	rBV2	1045	647	0.05%	0.008%
52	7.966	2152	2154	2157	rVB2	410	206	0.02%	0.003%
53	7.986	2157	2160	2164	rBV2	295	230	0.02%	0.003%
54	8.037	2168	2176	2209	rBV5	31773	97559	7.91%	1.260%
55	8.371	2277	2280	2282	rBV3	590	344	0.03%	0.004%
56	8.404	2288	2290	2293	rVB3	507	222	0.02%	0.003%
57	8.481	2311	2314	2316	rBV	440	300	0.02%	0.004%
58	8.529	2326	2329	2331	rBV	228	135	0.01%	0.002%
59	8.596	2347	2350	2351	rBV	256	129	0.01%	0.002%
60	8.629	2357	2360	2362	rBV	262	211	0.02%	0.003%
61	8.693	2376	2380	2381	rVB2	350	148	0.01%	0.002%
62	8.709	2381	2385	2389	rBV2	216	137	0.01%	0.002%
63	8.731	2390	2392	2397	rVB2	206	124	0.01%	0.002%
64	8.783	2397	2408	2434	rBV	540793	900219	73.00%	11.626%
65	9.030	2481	2485	2489	rVB4	843	774	0.06%	0.010%
66	9.259	2554	2556	2559	rBV2	228	149	0.01%	0.002%
67	9.288	2563	2565	2567	rBV2	410	170	0.01%	0.002%
68	9.375	2590	2592	2597	rVB2	342	213	0.02%	0.003%
69	9.416	2602	2605	2607	rBV2	226	163	0.01%	0.002%
70	9.558	2642	2649	2651	rBV2	384	301	0.02%	0.004%
71	9.590	2656	2659	2662	rBV2	215	174	0.01%	0.002%
72	9.641	2671	2675	2679	rBV	521	332	0.03%	0.004%
73	9.661	2679	2681	2684	rVV2	358	214	0.02%	0.003%
74	9.741	2704	2706	2709	rBV2	278	152	0.01%	0.002%
75	9.995	2781	2785	2788	rBV3	285	254	0.02%	0.003%
76	10.063	2798	2806	2820	rVB4	3683	5916	0.48%	0.076%

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D23RE

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

77	10.153	2820	2834	2854	rBV	138885	227842	18.48%	2.943%
78	10.426	2916	2919	2922	rBV2	207	135	0.01%	0.002%
79	10.500	2935	2942	2946	rBV4	1659	2180	0.18%	0.028%
80	10.600	2971	2973	2977	rVB2	929	505	0.04%	0.007%
81	10.674	2993	2996	3000	rVB2	489	315	0.03%	0.004%
82	10.706	3003	3006	3009	rBV2	534	410	0.03%	0.005%
83	10.770	3018	3026	3033	rBV5	2492	3377	0.27%	0.044%
84	10.854	3045	3052	3064	rVB	13658	20672	1.68%	0.267%
85	11.082	3111	3123	3133	rBV2	25444	40130	3.25%	0.518%
86	11.185	3146	3155	3172	rBV	219792	354156	28.72%	4.574%
87	11.561	3262	3272	3294	rVB	158349	264583	21.46%	3.417%
88	12.136	3449	3451	3454	rVB2	401	154	0.01%	0.002%
89	12.194	3462	3469	3479	rVB2	5956	8160	0.66%	0.105%
90	12.297	3491	3501	3517	rBV7	5425	11894	0.96%	0.154%
91	12.535	3568	3575	3584	rBV7	1854	3582	0.29%	0.046%
92	12.690	3621	3623	3626	rBV2	533	301	0.02%	0.004%
93	12.786	3649	3653	3659	rBV5	1830	2157	0.17%	0.028%
94	12.876	3678	3681	3683	rBV2	582	290	0.02%	0.004%
95	12.989	3713	3716	3718	rBV2	408	236	0.02%	0.003%
96	13.088	3745	3747	3751	rBV	407	238	0.02%	0.003%
97	13.136	3759	3762	3764	rBV	246	204	0.02%	0.003%
98	13.349	3826	3828	3832	rBV2	329	241	0.02%	0.003%
99	13.387	3837	3840	3841	rBV3	502	217	0.02%	0.003%
100	13.461	3861	3863	3864	rBV	597	234	0.02%	0.003%

Sum of corrected areas: 7743118

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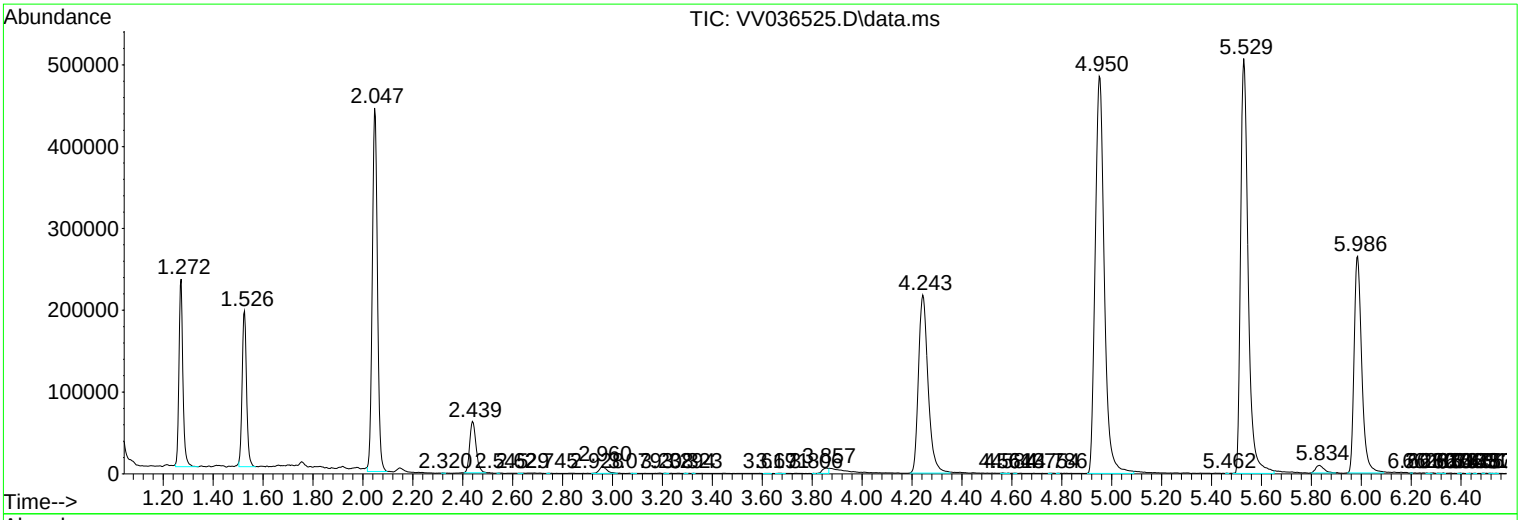
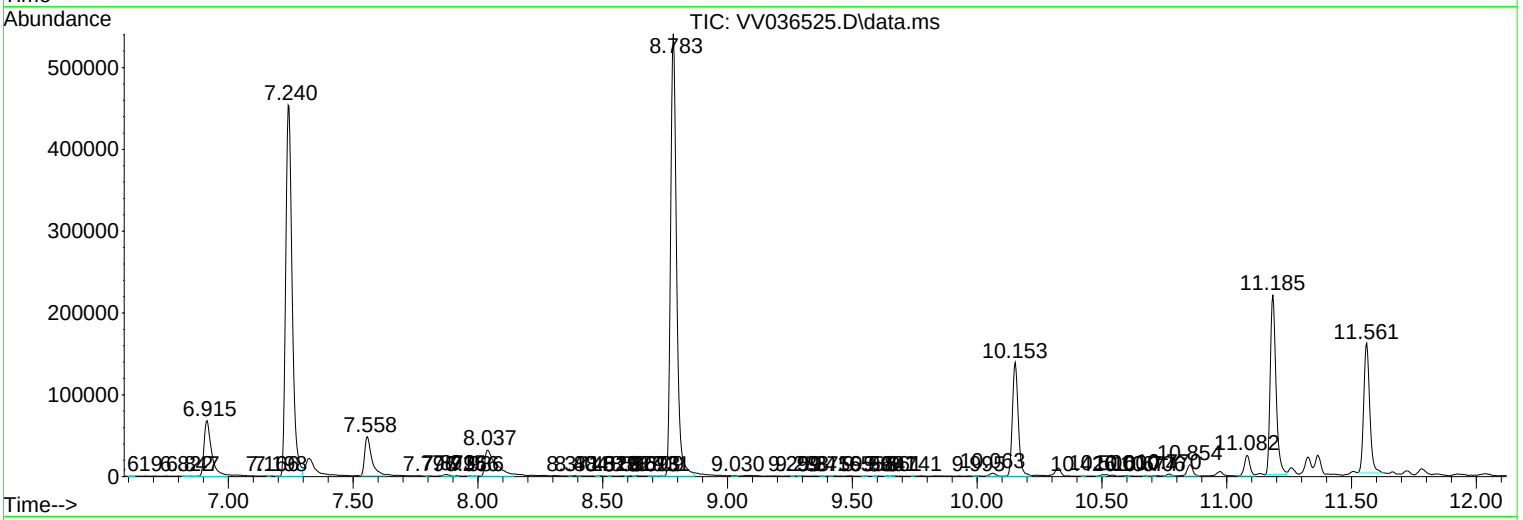
ALS Vial : 10 Sample Multiplier: 1

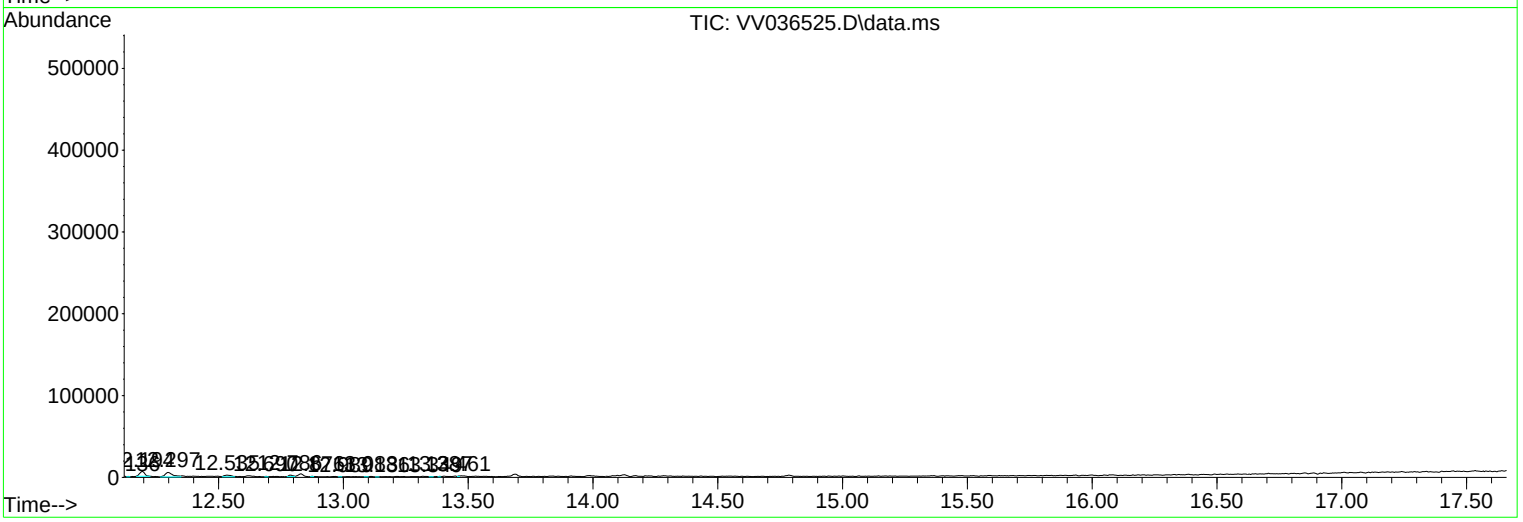
Instrument :
MSVOA_V
ClientSampleId :
A4D23RE

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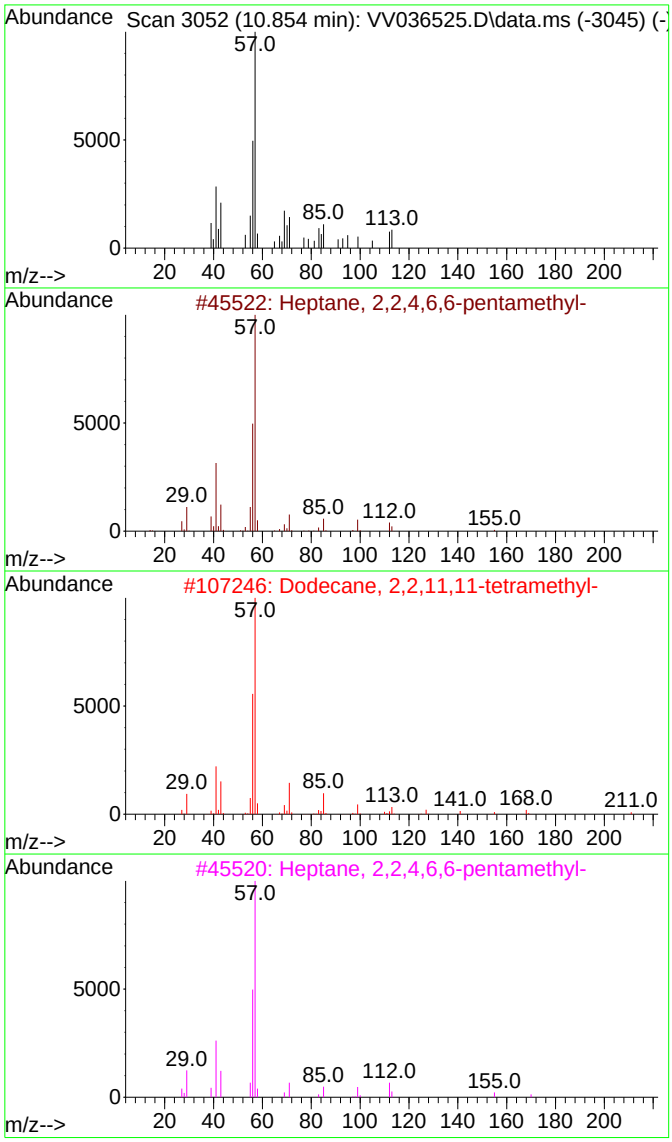
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

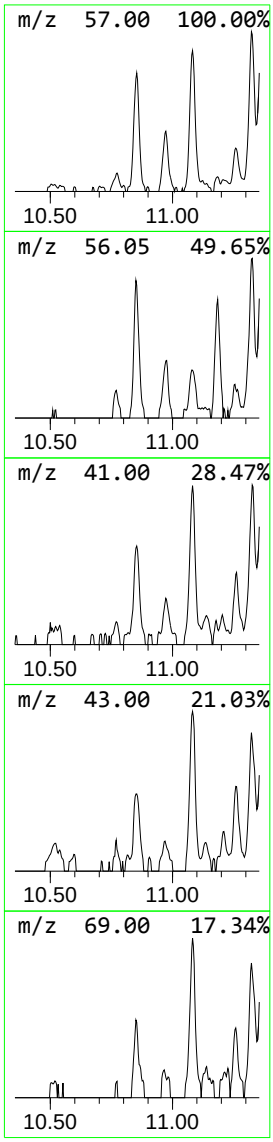
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.854	1.46 ug/L	20672	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
2	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	64
3	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
4	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	56
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53





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ClientSampleId :
A4D23RE

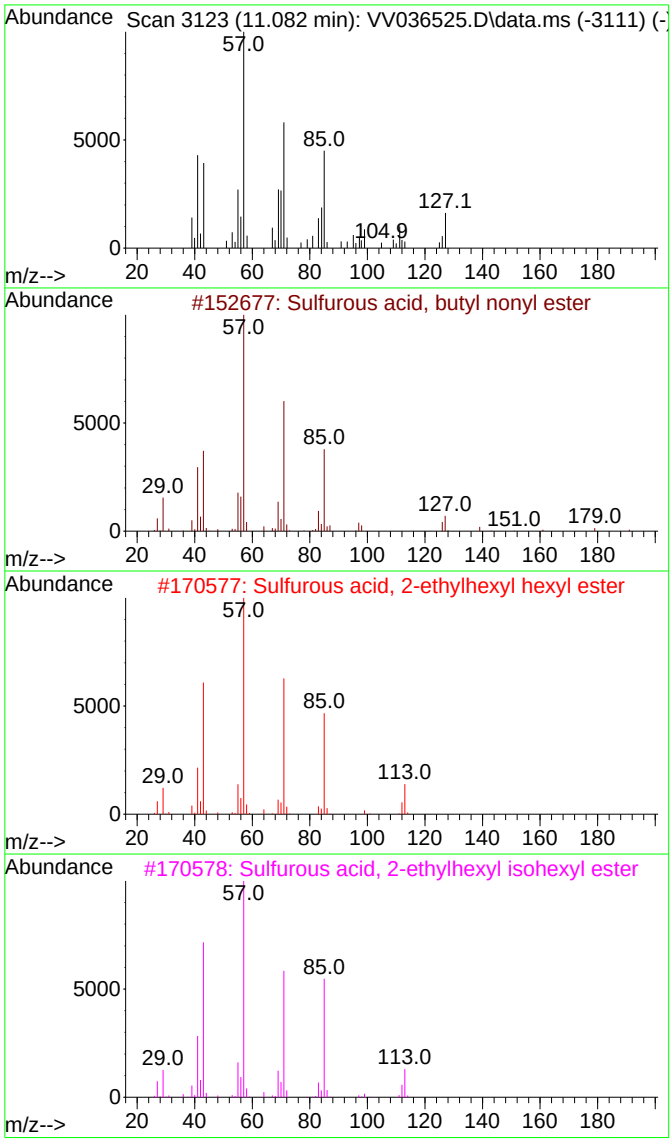
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

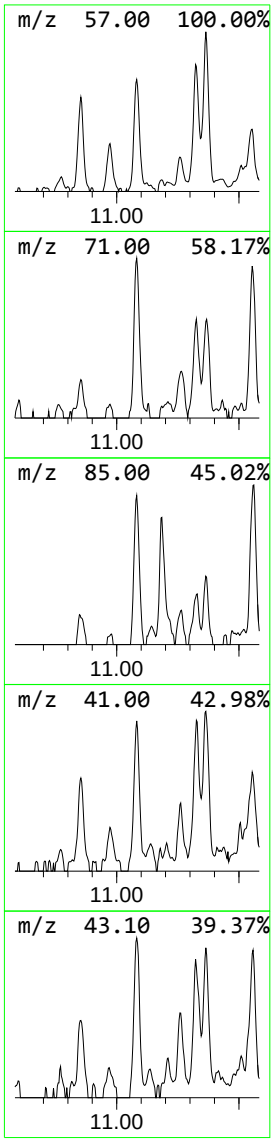
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Sulfurous acid, butyl nonyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	2.83 ug/L	40130	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	53
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50
4	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	50





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	10.854	1.5	ug/L	20672	3	11.185	354156	25.0
Sulfurous acid,...	11.082	2.8	ug/L	40130	3	11.185	354156	25.0