LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
Data File : VV036396.D
Acq On : 02 Jul 2024 00:15
Operator : SY/MD
Sample : P3087-15
Misc : 5.85g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR0

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\SFAMVLM062724SMA.M
Title : VOC Analysis

Signal : TIC: VV036396.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	87	rBV	179624	195310	14.66%	2.254%
2	1.526	143	151	165	rBV	171785	204802	15.38%	2.363%
3	2.050	304	314	329	rBV	329904	481530	36.15%	5.557%
4	2.156	337	347	351	rBV3	5529	10460	0.79%	0.121%
5	2.233	364	371	390	rVB	16793	27640	2.08%	0.319%
6	2.442	425	436	450	rBV	20861	38277	2.87%	0.442%
7	2.523	460	461	467	rVB4	647	381	0.03%	0.004%
8	2.555	467	471	475	rBV2	545	500	0.04%	0.006%
9	2.574	475	477	480	rVV	475	236	0.02%	0.003%
10	2.654	501	502	509	rVB	447	228	0.02%	0.003%
11	2.744	526	530	532	rVV	331	244	0.02%	0.003%
12	2.886	569	574	577	rVV3	498	545	0.04%	0.006%
13	2.912	579	582	585	rVV3	340	335	0.03%	0.004%
14	2.928	585	587	589	rVV	495	299	0.02%	0.003%
15	2.966	589	599	619	rVB7	3341	7822	0.59%	0.090%
16	3.053	622	626	630	rVB3	374	360	0.03%	0.004%
17	3.082	630	635	638	rBV	279	207	0.02%	0.002%
18	3.307	700	705	708	rBV2	313	292	0.02%	0.003%
19	3.654	810	813	818	rVB	343	261	0.02%	0.003%
20	3.812	858	862	864	rBV2	528	338	0.03%	0.004%
21	3.850	864	874	883	rBV	12141	32190	2.42%	0.371%
22	4.243	978	996	1031	rBV	231217	618227	46.42%	7.135%
23	4.587	1099	1103	1110	rVB5	635	583	0.04%	0.007%
24	4.706	1138	1140	1144	rBV3	484	381	0.03%	0.004%
25	4.950	1201	1216	1251	rBV2	516389	1331866	100.00%	15.370%
26	5.272	1314	1316	1320	rVB3	420	226	0.02%	0.003%
27	5.365	1341	1345	1349	rBV3	253	268	0.02%	0.003%
28	5.410	1357	1359	1363	rVB2	394	261	0.02%	0.003%
29	5.442	1363	1369	1370	rBV4	406	390	0.03%	0.005%
30	5.455	1370	1373	1377	rVB3	443	245	0.02%	0.003%
31	5.529	1385	1396	1437	rBV	507201	1070084	80.34%	12.349%
32	5.796	1476	1479	1480	rBV3	747	440	0.03%	0.005%
33	5.828	1480	1489	1511	rVV3	12651	29745	2.23%	0.343%
34	5.985	1520	1538	1572	rBV	301519	650415	48.83%	7.506%
35	6.217	1607	1610	1614	rVB4	769	588	0.04%	0.007%
36	6.281	1628	1630	1634	rBV4	396	387	0.03%	0.004%

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MSVOA_V
ClientSampleId :
A4BR0

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\SFAMVLM062724SMA.M
Title : VOC Analysis

37	6.416	1670	1672	1674	rVV	461	224	0.02%	0.003%
38	6.429	1674	1676	1678	rVV3	433	238	0.02%	0.003%
39	6.455	1682	1684	1689	rVB2	477	343	0.03%	0.004%
40	6.487	1689	1694	1697	rBV2	325	265	0.02%	0.003%
41	6.526	1704	1706	1710	rVB2	497	308	0.02%	0.004%
42	6.693	1751	1758	1761	rBV5	321	314	0.02%	0.004%
43	6.735	1769	1771	1777	rVB2	436	378	0.03%	0.004%
44	6.821	1794	1798	1802	rVB3	358	267	0.02%	0.003%
45	6.911	1817	1826	1853	rBV	84675	174538	13.10%	2.014%
46	7.136	1892	1896	1898	rBV3	392	301	0.02%	0.003%
47	7.181	1907	1910	1917	rVB4	506	504	0.04%	0.006%
48	7.239	1917	1928	1957	rBV	507787	926086	69.53%	10.687%
49	7.558	2017	2027	2049	rBV	47836	99654	7.48%	1.150%
50	7.808	2103	2105	2108	rBV2	403	237	0.02%	0.003%
51	7.828	2108	2111	2115	rVB4	415	258	0.02%	0.003%
52	7.873	2115	2125	2134	rBV2	6544	11039	0.83%	0.127%
53	7.908	2134	2136	2144	rVB6	952	947	0.07%	0.011%
54	7.947	2144	2148	2150	rVB	492	375	0.03%	0.004%
55	7.995	2160	2163	2166	rVB3	424	215	0.02%	0.002%
56	8.034	2166	2175	2212	rBV2	58407	149854	11.25%	1.729%
57	8.323	2263	2265	2270	rVB3	737	421	0.03%	0.005%
58	8.342	2270	2271	2275	rVB3	633	379	0.03%	0.004%
59	8.487	2313	2316	2320	rBV3	327	257	0.02%	0.003%
60	8.509	2320	2323	2326	rBV3	296	209	0.02%	0.002%
61	8.525	2326	2328	2330	rVB2	402	221	0.02%	0.003%
62	8.545	2332	2334	2338	rBV2	377	257	0.02%	0.003%
63	8.783	2395	2408	2435	rBV	639427	1067201	80.13%	12.316%
64	8.982	2468	2470	2471	rBV2	593	291	0.02%	0.003%
65	9.014	2474	2480	2483	rBV5	1492	1972	0.15%	0.023%
66	9.066	2490	2496	2504	rVB8	1459	2253	0.17%	0.026%
67	9.098	2504	2506	2510	rVB4	574	330	0.02%	0.004%
68	9.152	2519	2523	2524	rBV2	737	380	0.03%	0.004%
69	9.165	2524	2527	2530	rVB3	851	551	0.04%	0.006%
70	9.252	2550	2554	2557	rVV2	741	498	0.04%	0.006%
71	9.297	2566	2568	2573	rVB3	556	349	0.03%	0.004%
72	9.329	2573	2578	2582	rBV5	580	617	0.05%	0.007%
73	9.378	2582	2593	2604	rBV9	2709	4749	0.36%	0.055%
74	9.419	2604	2606	2608	rBV	498	228	0.02%	0.003%
75	9.493	2625	2629	2635	rBV4	576	533	0.04%	0.006%
76	9.609	2661	2665	2668	rVB4	527	471	0.04%	0.005%

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ClientSampleId :
A4BR0

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Title : VOC Analysis

77	9.673	2681	2685	2687	rBV3	299	234	0.02%	0.003%
78	9.718	2693	2699	2704	rBV4	886	1129	0.08%	0.013%
79	9.767	2704	2714	2726	rVB5	3250	5710	0.43%	0.066%
80	9.834	2727	2735	2745	rBV7	4782	8035	0.60%	0.093%
81	9.873	2745	2747	2750	rVB3	415	239	0.02%	0.003%
82	9.905	2750	2757	2760	rBV3	451	481	0.04%	0.006%
83	9.947	2766	2770	2775	rVB5	1363	1091	0.08%	0.013%
84	10.062	2799	2806	2811	rBV6	1831	2878	0.22%	0.033%
85	10.104	2818	2819	2823	rVB2	541	319	0.02%	0.004%
86	10.149	2823	2833	2855	rBV	184620	303145	22.76%	3.498%
87	10.323	2876	2887	2897	rBV2	33423	53508	4.02%	0.617%
88	10.390	2900	2908	2915	rVB7	3785	5609	0.42%	0.065%
89	10.439	2918	2923	2926	rBV5	2071	2275	0.17%	0.026%
90	10.490	2936	2939	2941	rBV3	1957	1440	0.11%	0.017%
91	10.683	2988	2999	3005	rBV9	5355	9109	0.68%	0.105%
92	10.760	3018	3023	3032	rVB6	7205	11519	0.86%	0.133%
93	10.834	3037	3046	3059	rBV6	4594	12531	0.94%	0.145%
94	10.892	3059	3064	3066	rBV5	1924	1982	0.15%	0.023%
95	11.082	3116	3123	3131	rBV6	9741	16519	1.24%	0.191%
96	11.181	3144	3154	3173	rBV	328782	527028	39.57%	6.082%
97	11.506	3240	3255	3261	rBV10	15698	35326	2.65%	0.408%
98	11.558	3262	3271	3310	rVB	239342	442349	33.21%	5.105%
99	11.725	3316	3323	3325	rBV6	8439	11370	0.85%	0.131%
100	12.541	3568	3577	3587	rBV4	30814	56583	4.25%	0.653%

Sum of corrected areas: 8665284

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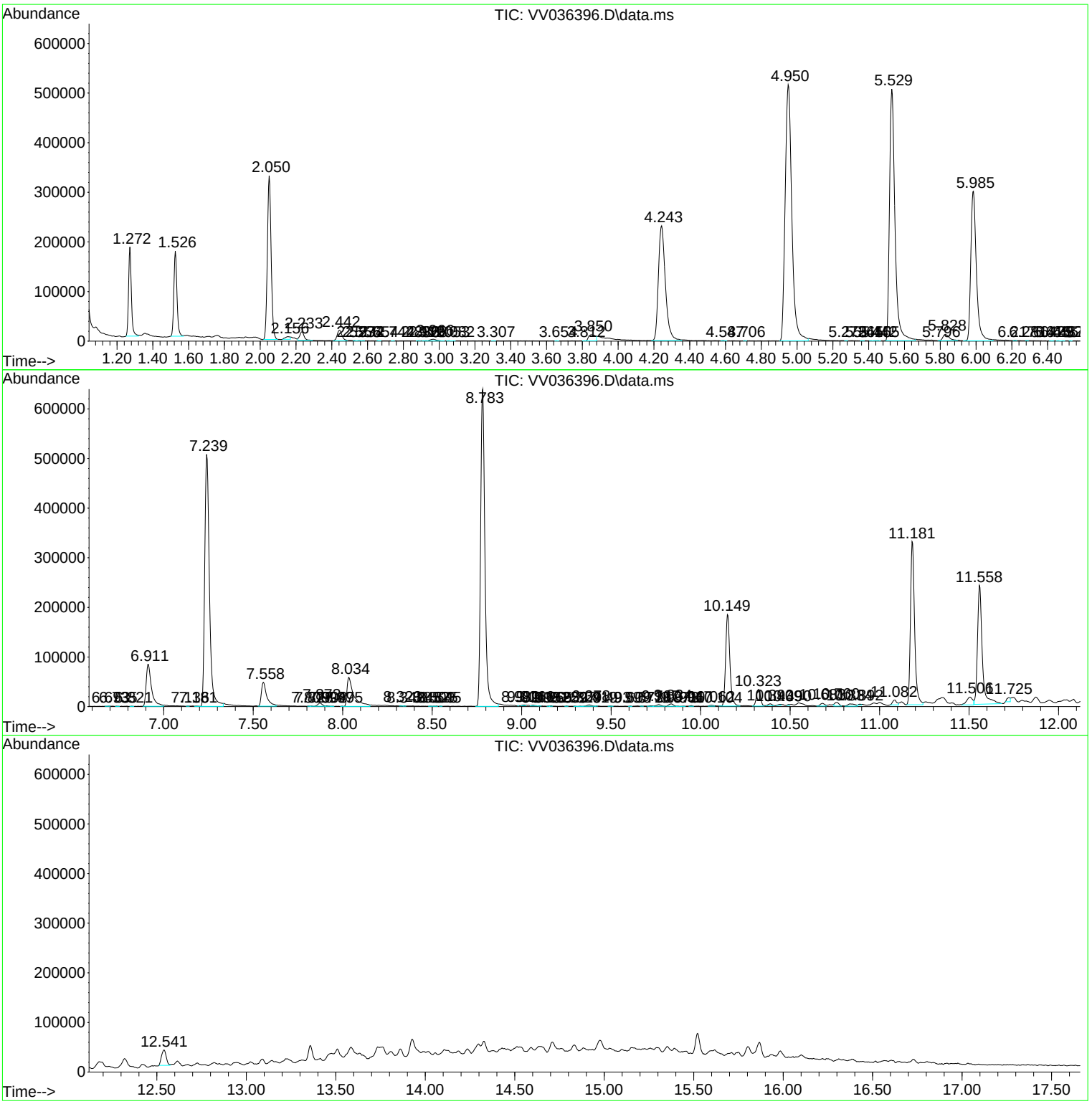
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.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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ClientSampleId :
A4BR0

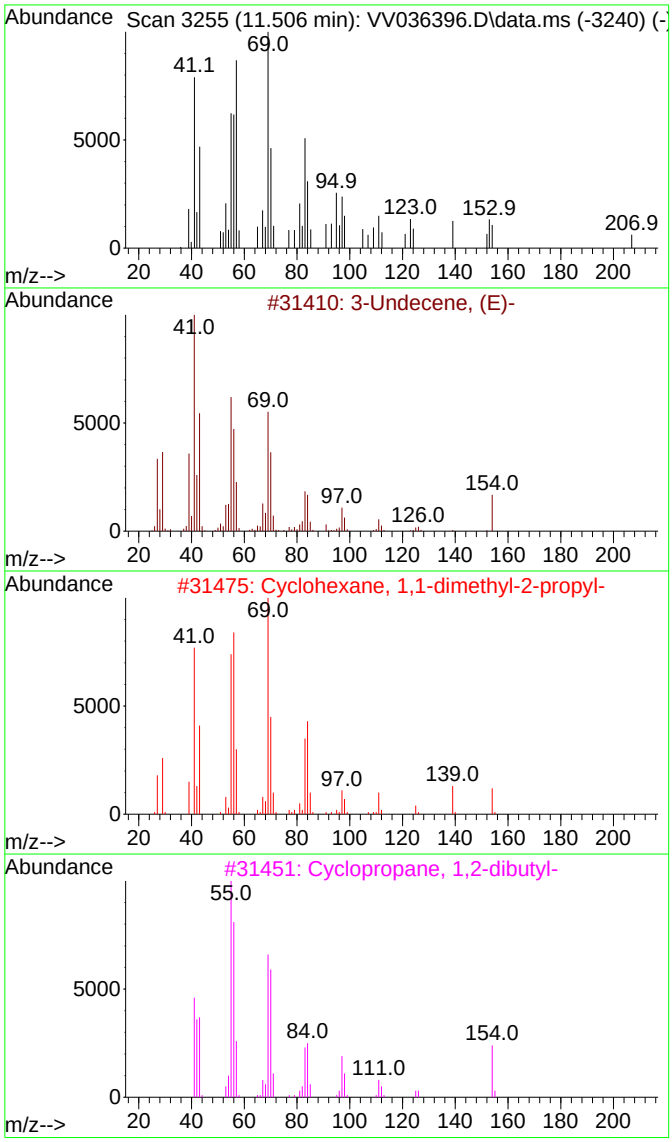
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

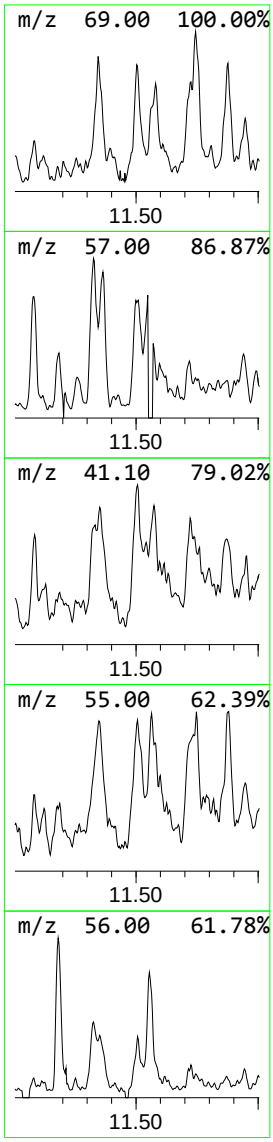
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.506	1.68 ug/L	35326	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Undecene, (E)-	154	C11H22	001002-68-2	93
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	93
3	Cyclopropane, 1,2-dibutyl-	154	C11H22	041977-32-6	90
4	Cyclopentane, propyl-	112	C8H16	002040-96-2	76
5	Cyclopentane, hexyl-	154	C11H22	004457-00-5	64





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Instrument :
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ClientSampleId :
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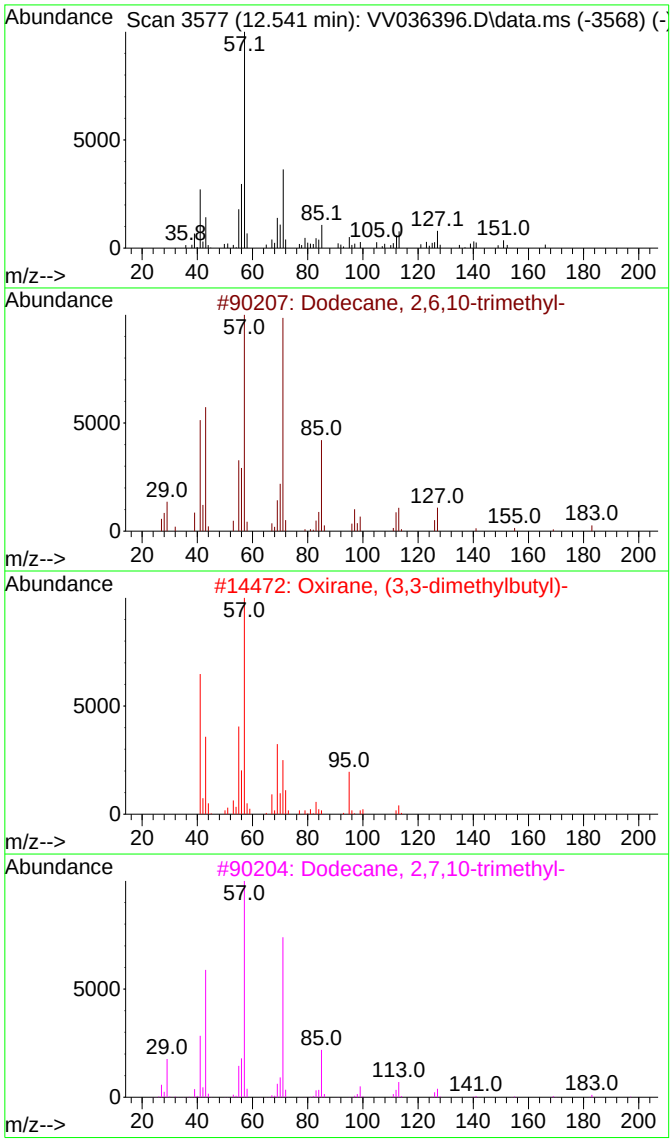
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

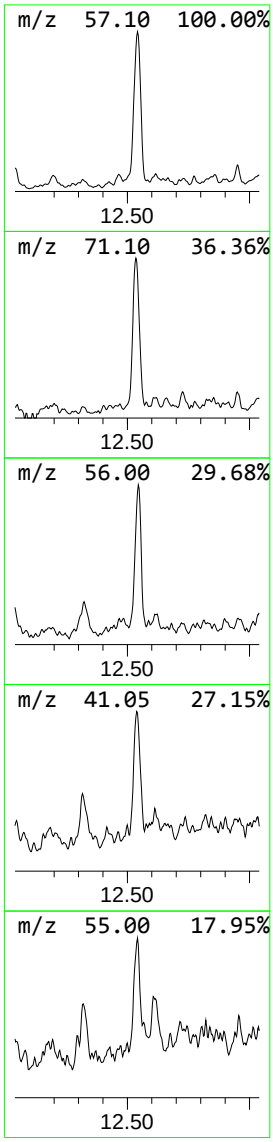
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.541	2.68 ug/L	56583	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2	Oxirane, (3,3-dimethylbutyl)-	128	C8H16O	053907-77-0	59
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	56
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	50





Tentatively Identified Compound (LSC) summary

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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...	11.506	1.7	ug/L	35326	3	11.181	527028	25.0
(DEL) Alkane: S...	12.541	2.7	ug/L	56583	3	11.181	527028	25.0