LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036534.D
Acq On : 15 Jul 2024 17:43
Operator : SY/MD
Sample : P3215-23
Misc : 5.58g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CJ8

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: VV036534.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	64	72	90	rVB	225508	254418	18.61%	2.291%
2	1.523	143	150	165	rVB	188656	229291	16.77%	2.065%
3	2.047	302	313	330	rVB	442718	650087	47.54%	5.855%
4	2.143	335	343	360	rVV2	10085	29001	2.12%	0.261%
5	2.230	362	370	385	rVB	23282	37161	2.72%	0.335%
6	2.387	416	419	423	rBV2	373	405	0.03%	0.004%
7	2.439	423	435	454	rVV	104018	176953	12.94%	1.594%
8	2.539	463	466	468	rBV2	334	213	0.02%	0.002%
9	2.828	554	556	562	rVB2	374	222	0.02%	0.002%
10	2.860	562	566	569	rBV2	347	297	0.02%	0.003%
11	2.915	581	583	587	rVV2	285	230	0.02%	0.002%
12	2.960	587	597	614	rVB2	8789	18067	1.32%	0.163%
13	3.098	636	640	643	rBV3	210	216	0.02%	0.002%
14	3.294	698	701	708	rBV	194	237	0.02%	0.002%
15	3.471	754	756	765	rVB2	209	228	0.02%	0.002%
16	3.513	765	769	774	rVB2	234	234	0.02%	0.002%
17	3.619	796	802	805	rBV3	316	300	0.02%	0.003%
18	3.706	824	829	832	rBV2	240	232	0.02%	0.002%
19	3.828	858	867	896	rBV2	15419	62928	4.60%	0.567%
20	4.243	975	996	1024	rBV	235693	621949	45.48%	5.601%
21	4.522	1078	1083	1084	rBV2	444	427	0.03%	0.004%
22	4.564	1093	1096	1102	rVB3	532	530	0.04%	0.005%
23	4.612	1108	1111	1115	rVV2	518	478	0.03%	0.004%
24	4.638	1117	1119	1121	rVV2	347	208	0.02%	0.002%
25	4.776	1159	1162	1166	rBV3	236	220	0.02%	0.002%
26	4.950	1200	1216	1253	rBV2	530988	1341194	98.08%	12.079%
27	5.185	1286	1289	1291	rBV3	393	202	0.01%	0.002%
28	5.236	1301	1305	1307	rBV2	466	371	0.03%	0.003%
29	5.381	1346	1350	1355	rBV2	210	213	0.02%	0.002%
30	5.429	1361	1365	1368	rVV	232	195	0.01%	0.002%
31	5.529	1382	1396	1426	rBV	578081	1198722	87.66%	10.796%
32	5.825	1478	1488	1517	rVB2	19919	48244	3.53%	0.434%
33	5.985	1525	1538	1574	rBV	297973	623237	45.58%	5.613%
34	6.198	1601	1604	1607	rBV3	404	246	0.02%	0.002%
35	6.323	1641	1643	1647	rBV2	395	219	0.02%	0.002%
36	6.397	1662	1666	1670	rVB	258	222	0.02%	0.002%

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ClientSampleId :
A4CJ8

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	6.911	1815	1826	1852	rBV	114649	226596	16.57%	2.041%
38	7.085	1878	1880	1884	rVB4	357	234	0.02%	0.002%
39	7.124	1890	1892	1897	rVB2	349	225	0.02%	0.002%
40	7.239	1917	1928	1950	rBV	591199	1052139	76.94%	9.476%
41	7.554	2017	2026	2046	rBV	74881	141622	10.36%	1.275%
42	7.760	2088	2090	2094	rVB2	540	283	0.02%	0.003%
43	7.780	2094	2096	2097	rBV2	455	195	0.01%	0.002%
44	7.876	2117	2126	2134	rBV6	1621	2971	0.22%	0.027%
45	7.918	2134	2139	2144	rVB3	1037	1084	0.08%	0.010%
46	8.030	2166	2174	2203	rBV	68689	150554	11.01%	1.356%
47	8.214	2228	2231	2233	rBV3	536	356	0.03%	0.003%
48	8.336	2267	2269	2273	rVB4	474	351	0.03%	0.003%
49	8.358	2273	2276	2277	rBV	389	198	0.01%	0.002%
50	8.410	2290	2292	2297	rVB2	555	409	0.03%	0.004%
51	8.471	2309	2311	2316	rVV3	413	284	0.02%	0.003%
52	8.513	2321	2324	2329	rVB4	525	526	0.04%	0.005%
53	8.558	2334	2338	2340	rBV2	310	212	0.02%	0.002%
54	8.638	2360	2363	2367	rVB2	420	350	0.03%	0.003%
55	8.686	2373	2378	2379	rBV	339	263	0.02%	0.002%
56	8.783	2396	2408	2439	rBV	843195	1367467	100.00%	12.316%
57	9.011	2476	2479	2480	rBV3	655	405	0.03%	0.004%
58	9.088	2499	2503	2504	rBV3	337	204	0.01%	0.002%
59	9.140	2517	2519	2521	rBV	471	245	0.02%	0.002%
60	9.156	2521	2524	2527	rVB3	707	507	0.04%	0.005%
61	9.172	2527	2529	2533	rVB2	396	242	0.02%	0.002%
62	9.194	2533	2536	2539	rBV4	263	214	0.02%	0.002%
63	9.255	2554	2555	2559	rVB2	575	301	0.02%	0.003%
64	9.329	2573	2578	2580	rVB2	259	219	0.02%	0.002%
65	9.349	2580	2584	2585	rBV	351	217	0.02%	0.002%
66	9.381	2587	2594	2601	rVB7	2034	2912	0.21%	0.026%
67	9.416	2601	2605	2608	rVB3	661	553	0.04%	0.005%
68	9.471	2617	2622	2625	rBV2	379	281	0.02%	0.003%
69	9.545	2641	2645	2648	rVB3	442	317	0.02%	0.003%
70	9.625	2664	2670	2671	rBV2	338	289	0.02%	0.003%
71	9.654	2674	2679	2681	rBV3	595	444	0.03%	0.004%
72	9.673	2681	2685	2686	rBV2	385	211	0.02%	0.002%
73	9.686	2686	2689	2691	rVB3	781	514	0.04%	0.005%
74	9.722	2695	2700	2701	rBV4	800	679	0.05%	0.006%
75	9.767	2706	2714	2721	rVB8	1923	3175	0.23%	0.029%
76	9.828	2731	2733	2734	rBV	386	211	0.02%	0.002%

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CJ8

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	9.898	2753	2755	2756	rBV	463	192	0.01%	0.002%
78	9.937	2764	2767	2769	rBV2	629	349	0.03%	0.003%
79	9.950	2769	2771	2775	rVB3	656	492	0.04%	0.004%
80	9.995	2781	2785	2787	rBV3	506	371	0.03%	0.003%
81	10.011	2788	2790	2796	rVB4	487	348	0.03%	0.003%
82	10.062	2798	2806	2814	rBV6	4447	7138	0.52%	0.064%
83	10.104	2814	2819	2820	rBV4	503	437	0.03%	0.004%
84	10.152	2823	2834	2859	rBV	210954	358522	26.22%	3.229%
85	10.287	2873	2876	2877	rBV2	357	241	0.02%	0.002%
86	10.320	2882	2886	2895	rVB6	3876	4711	0.34%	0.042%
87	10.387	2895	2907	2914	rBV6	2766	6169	0.45%	0.056%
88	10.442	2917	2924	2925	rBV5	1613	1562	0.11%	0.014%
89	10.619	2977	2979	2981	rBV3	525	294	0.02%	0.003%
90	10.683	2992	2999	3006	rVV7	1773	2731	0.20%	0.025%
91	10.763	3018	3024	3034	rVB9	5512	8566	0.63%	0.077%
92	10.834	3036	3046	3048	rBV7	7746	10448	0.76%	0.094%
93	10.927	3073	3075	3077	rBV2	605	341	0.02%	0.003%
94	10.966	3078	3087	3093	rBV7	6164	11593	0.85%	0.104%
95	11.082	3115	3123	3130	rBV4	15999	25453	1.86%	0.229%
96	11.185	3145	3155	3175	rBV	639896	1005768	73.55%	9.058%
97	11.558	3261	3271	3292	rBV	445541	734099	53.68%	6.611%
98	12.541	3570	3577	3586	rVB4	53948	88015	6.44%	0.793%
99	14.593	4209	4215	4224	rBV	205534	270026	19.75%	2.432%
100	15.358	4447	4453	4462	rVB	240706	309670	22.65%	2.789%

Sum of corrected areas: 11103592

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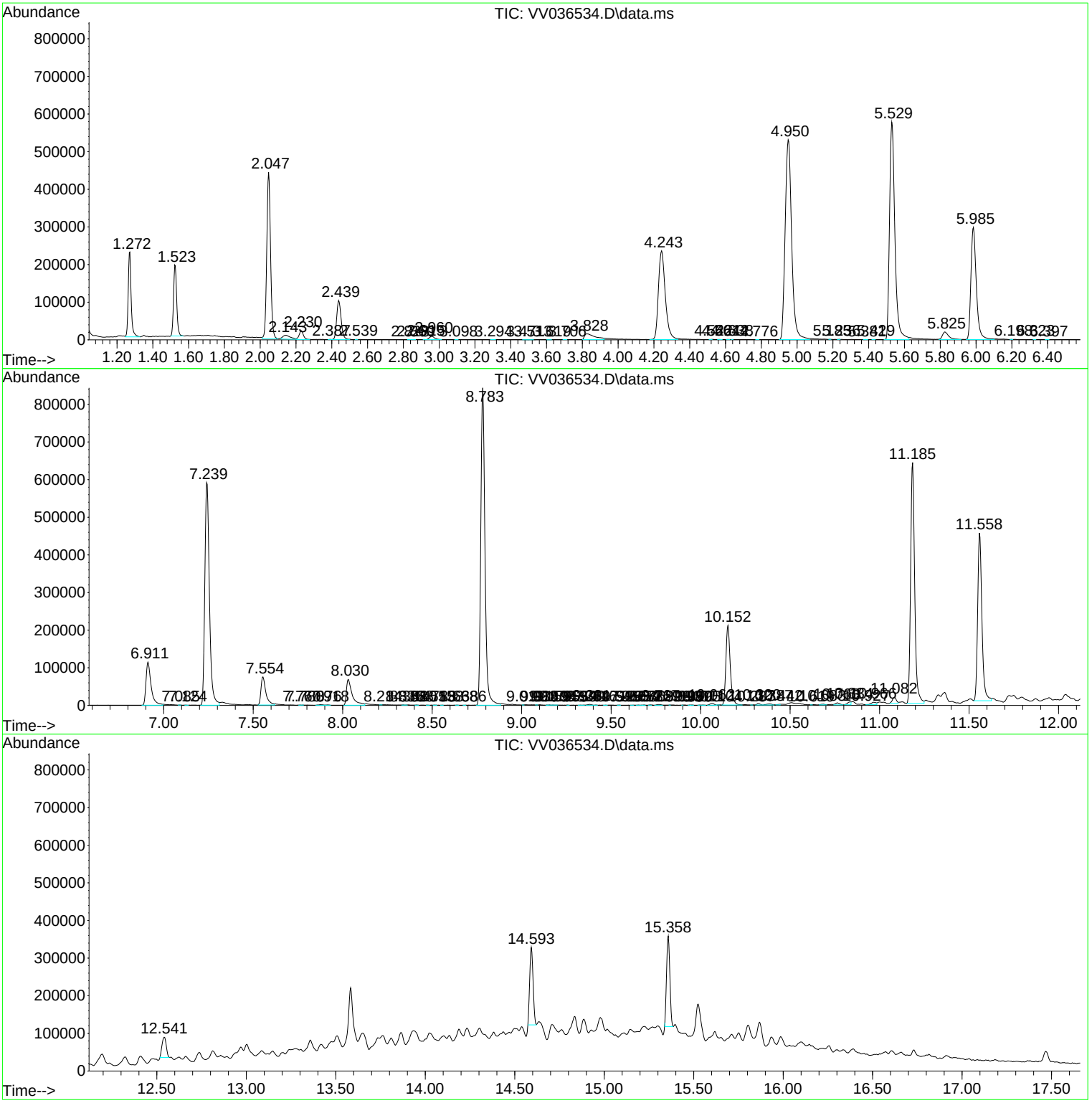
Instrument :
MSVOA_V
ClientSampleId :
A4CJ8

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
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Instrument :
MSVOA_V
ClientSampleId :
A4CJ8

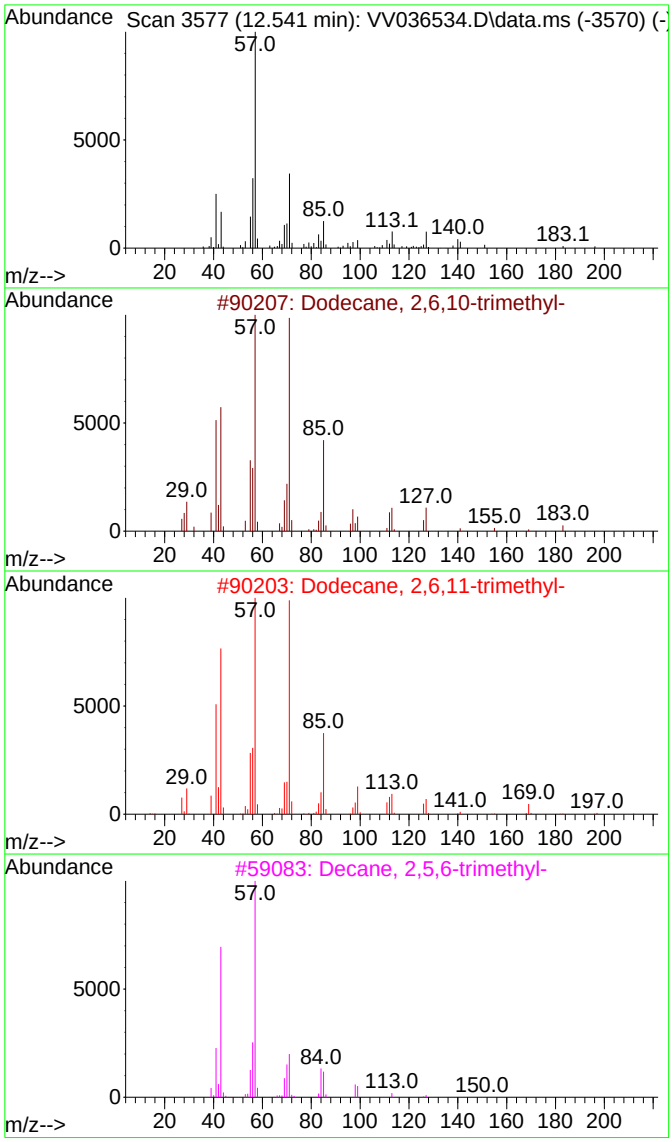
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

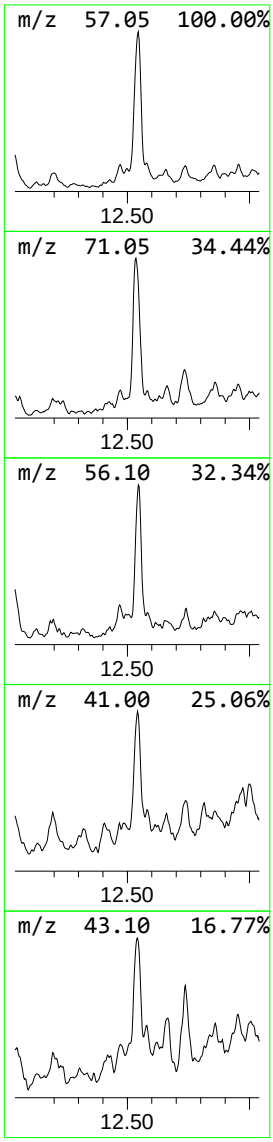
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.541	2.19 ug/L	88015	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
4	Carbonic acid, decyl 2-ethylhexy...	314	C19H38O3	1000383-13-7	53
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50





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Instrument :
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ClientSampleId :
A4CJ8

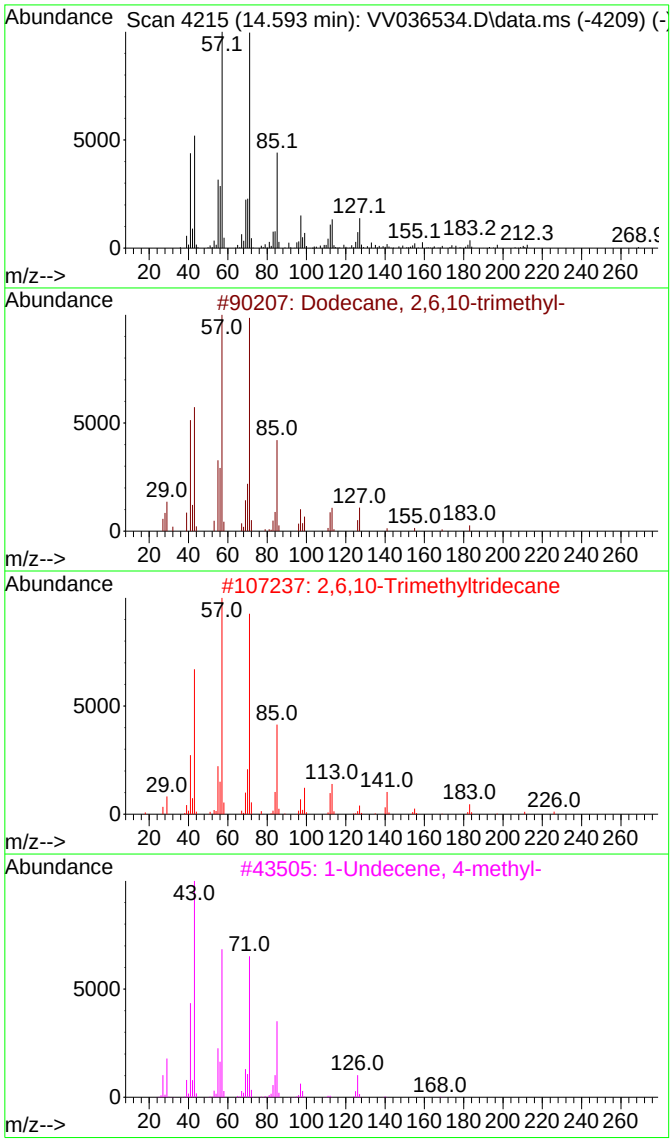
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

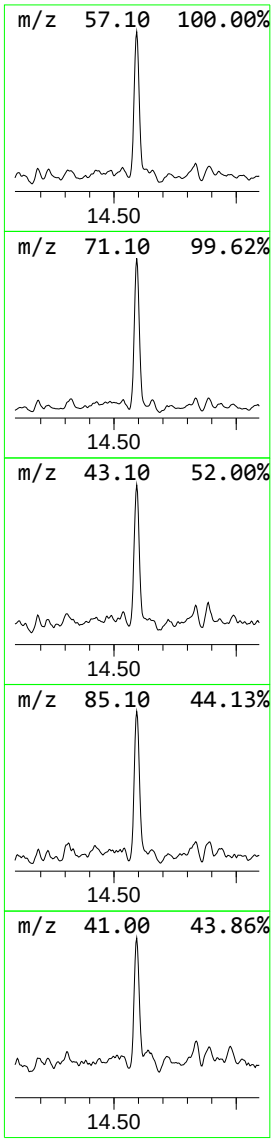
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.593	6.71 ug/L	270026	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	72
3	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72
4	Decane, 5-propyl-	184	C13H28	017312-62-8	68
5	Decane, 3-methyl-	156	C11H24	013151-34-3	47





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CJ8

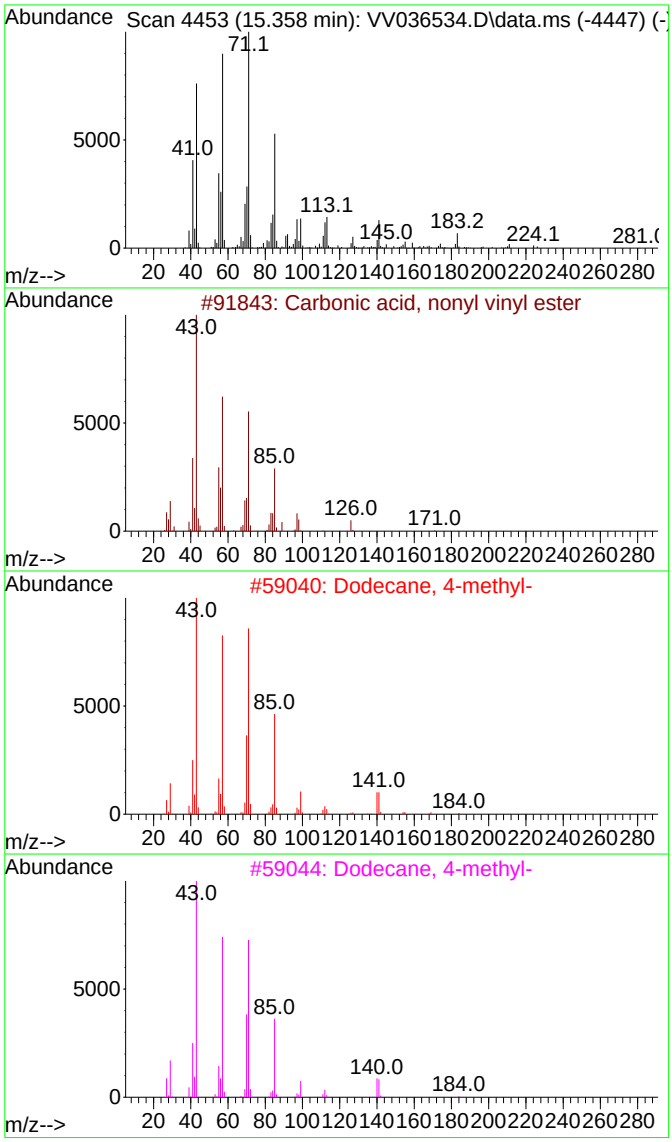
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

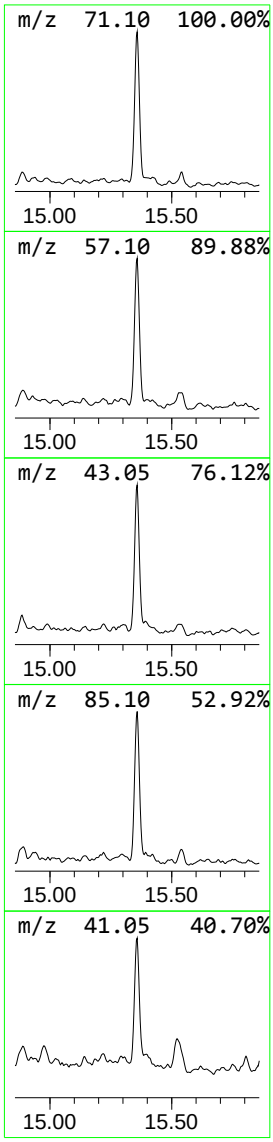
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Carbonic acid, nonyl vinyl ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.358	7.70 ug/L	309670	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	74
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	68
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5	Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	64





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...	12.541	2.2	ug/L	88015	3	11.185	1005770	25.0
(DEL) Alkane: S...	14.593	6.7	ug/L	270026	3	11.185	1005770	25.0
Carbonic acid, ...	15.358	7.7	ug/L	309670	3	11.185	1005770	25.0