LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
Data File : VV036400.D
Acq On : 02 Jul 2024 01:48
Operator : SY/MD
Sample : P3087-19
Misc : 5.49g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR4

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: VV036400.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	84	rBV	209750	232438	14.37%	2.031%
2	1.526	144	151	165	rVB	197305	238777	14.76%	2.087%
3	2.050	303	314	334	rVB	383389	575514	35.57%	5.030%
4	2.233	365	371	391	rVB	12382	21656	1.34%	0.189%
5	2.400	421	423	425	rBV3	637	409	0.03%	0.004%
6	2.442	425	436	454	rVV	60413	108893	6.73%	0.952%
7	2.587	478	481	484	rBV3	278	210	0.01%	0.002%
8	2.683	507	511	513	rBV	453	327	0.02%	0.003%
9	2.761	532	535	539	rBV4	392	294	0.02%	0.003%
10	2.780	539	541	547	rVB3	339	213	0.01%	0.002%
11	2.815	548	552	556	rVB2	702	491	0.03%	0.004%
12	2.925	582	586	588	rBV3	262	242	0.01%	0.002%
13	2.966	589	599	613	rVV4	4180	9074	0.56%	0.079%
14	3.018	613	615	619	rVB2	532	332	0.02%	0.003%
15	3.044	619	623	624	rBV2	362	238	0.01%	0.002%
16	3.198	668	671	674	rVV2	458	277	0.02%	0.002%
17	3.243	682	685	693	rVB	322	227	0.01%	0.002%
18	3.285	693	698	702	rBV	352	249	0.02%	0.002%
19	3.571	783	787	789	rBV	253	216	0.01%	0.002%
20	3.603	794	797	803	rVB3	511	330	0.02%	0.003%
21	3.638	803	808	812	rBV	370	280	0.02%	0.002%
22	3.667	812	817	821	rVB3	252	249	0.02%	0.002%
23	3.851	862	874	890	rBV2	13772	48938	3.02%	0.428%
24	4.243	979	996	1030	rBV	273834	734419	45.39%	6.419%
25	4.606	1105	1109	1115	rBV3	512	491	0.03%	0.004%
26	4.748	1151	1153	1157	rVB	428	265	0.02%	0.002%
27	4.773	1157	1161	1163	rBV	345	332	0.02%	0.003%
28	4.860	1184	1188	1191	rVB3	305	208	0.01%	0.002%
29	4.950	1201	1216	1254	rBV2	619830	1617849	100.00%	14.140%
30	5.294	1319	1323	1324	rBV3	371	281	0.02%	0.002%
31	5.420	1359	1362	1366	rBV3	435	374	0.02%	0.003%
32	5.452	1369	1372	1377	rBV3	260	243	0.02%	0.002%
33	5.529	1384	1396	1437	rBV	652592	1365475	84.40%	11.934%
34	5.831	1479	1490	1509	rBV2	16508	37236	2.30%	0.325%
35	5.982	1524	1537	1569	rBV	361235	774302	47.86%	6.767%
36	6.243	1614	1618	1622	rBV4	578	528	0.03%	0.005%

LSC Area Percent Report

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ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR4

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	6.272	1625	1627	1631	rVB3	467	217	0.01%	0.002%
38	6.330	1643	1645	1647	rVB3	505	224	0.01%	0.002%
39	6.404	1666	1668	1674	rBV4	592	513	0.03%	0.004%
40	6.429	1674	1676	1680	rBV3	373	287	0.02%	0.003%
41	6.445	1680	1681	1684	rBV	341	227	0.01%	0.002%
42	6.577	1720	1722	1726	rVB3	374	231	0.01%	0.002%
43	6.625	1733	1737	1742	rVB3	505	505	0.03%	0.004%
44	6.651	1742	1745	1748	rBV3	416	239	0.01%	0.002%
45	6.667	1748	1750	1752	rBV	359	226	0.01%	0.002%
46	6.744	1769	1774	1777	rVB3	532	532	0.03%	0.005%
47	6.789	1782	1788	1791	rBV4	457	408	0.03%	0.004%
48	6.912	1815	1826	1858	rBV	122321	252980	15.64%	2.211%
49	7.082	1877	1879	1883	rBV2	435	224	0.01%	0.002%
50	7.146	1897	1899	1902	rBV3	488	339	0.02%	0.003%
51	7.188	1906	1912	1917	rBV4	682	945	0.06%	0.008%
52	7.239	1917	1928	1956	rBV	666110	1183502	73.15%	10.344%
53	7.555	2016	2026	2045	rBV	72799	141849	8.77%	1.240%
54	7.744	2083	2085	2087	rBV3	561	286	0.02%	0.002%
55	7.831	2108	2112	2114	rBV2	358	276	0.02%	0.002%
56	7.873	2116	2125	2134	rVV4	8589	15691	0.97%	0.137%
57	7.908	2134	2136	2146	rVB6	1562	1823	0.11%	0.016%
58	7.979	2155	2158	2163	rVB3	310	305	0.02%	0.003%
59	8.034	2163	2175	2201	rBV2	66596	166023	10.26%	1.451%
60	8.333	2265	2268	2271	rBV4	436	424	0.03%	0.004%
61	8.400	2287	2289	2293	rVB5	613	411	0.03%	0.004%
62	8.420	2293	2295	2300	rVB3	459	270	0.02%	0.002%
63	8.455	2304	2306	2309	rBV2	473	242	0.01%	0.002%
64	8.519	2325	2326	2330	rBV2	447	232	0.01%	0.002%
65	8.583	2342	2346	2348	rBV2	256	212	0.01%	0.002%
66	8.715	2383	2387	2392	rBV2	518	514	0.03%	0.004%
67	8.780	2396	2407	2438	rBV	845275	1422162	87.90%	12.429%
68	9.014	2472	2480	2484	rBV5	2799	3908	0.24%	0.034%
69	9.156	2517	2524	2532	rBV7	931	1580	0.10%	0.014%
70	9.236	2547	2549	2551	rBV	442	220	0.01%	0.002%
71	9.262	2551	2557	2564	rVB6	665	1000	0.06%	0.009%
72	9.294	2564	2567	2571	rVB2	464	393	0.02%	0.003%
73	9.317	2571	2574	2576	rBV2	352	220	0.01%	0.002%
74	9.333	2576	2579	2583	rVB3	469	332	0.02%	0.003%
75	9.378	2583	2593	2602	rBV7	3532	6416	0.40%	0.056%
76	9.452	2613	2616	2618	rBV3	478	263	0.02%	0.002%

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ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR4

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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Peak separation: 5

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

77	9.493	2622	2629	2632	rBV4	921	1124	0.07%	0.010%
78	9.522	2632	2638	2641	rVB7	670	642	0.04%	0.006%
79	9.555	2645	2648	2652	rVB2	455	352	0.02%	0.003%
80	9.619	2664	2668	2670	rBV2	650	385	0.02%	0.003%
81	9.648	2670	2677	2681	rBV6	1722	2586	0.16%	0.023%
82	9.718	2696	2699	2702	rVB4	686	512	0.03%	0.004%
83	9.764	2705	2713	2726	rVV8	3653	7227	0.45%	0.063%
84	9.837	2727	2736	2747	rVB4	6415	11262	0.70%	0.098%
85	9.915	2754	2760	2762	rBV3	1054	774	0.05%	0.007%
86	9.944	2767	2769	2772	rVV3	589	365	0.02%	0.003%
87	10.018	2790	2792	2798	rVB	542	455	0.03%	0.004%
88	10.063	2798	2806	2815	rBV4	5040	8277	0.51%	0.072%
89	10.104	2817	2819	2821	rBV3	618	318	0.02%	0.003%
90	10.149	2822	2833	2857	rVV	232762	420254	25.98%	3.673%
91	10.323	2876	2887	2896	rBV2	41617	69386	4.29%	0.606%
92	10.436	2917	2922	2923	rBV3	3074	2340	0.14%	0.020%
93	10.680	2992	2998	3001	rBV6	2226	2781	0.17%	0.024%
94	10.828	3033	3044	3048	rBV7	10032	19208	1.19%	0.168%
95	10.870	3052	3057	3078	rVB	28187	65006	4.02%	0.568%
96	11.181	3144	3154	3174	rBV	567115	880565	54.43%	7.696%
97	11.558	3261	3271	3291	rBV	380693	621474	38.41%	5.432%
98	13.580	3895	3900	3912	rVB2	55312	80472	4.97%	0.703%
99	14.593	4208	4215	4223	rBV	92485	127693	7.89%	1.116%
100	15.355	4446	4452	4460	rBV2	103893	139885	8.65%	1.223%

Sum of corrected areas: 11441871

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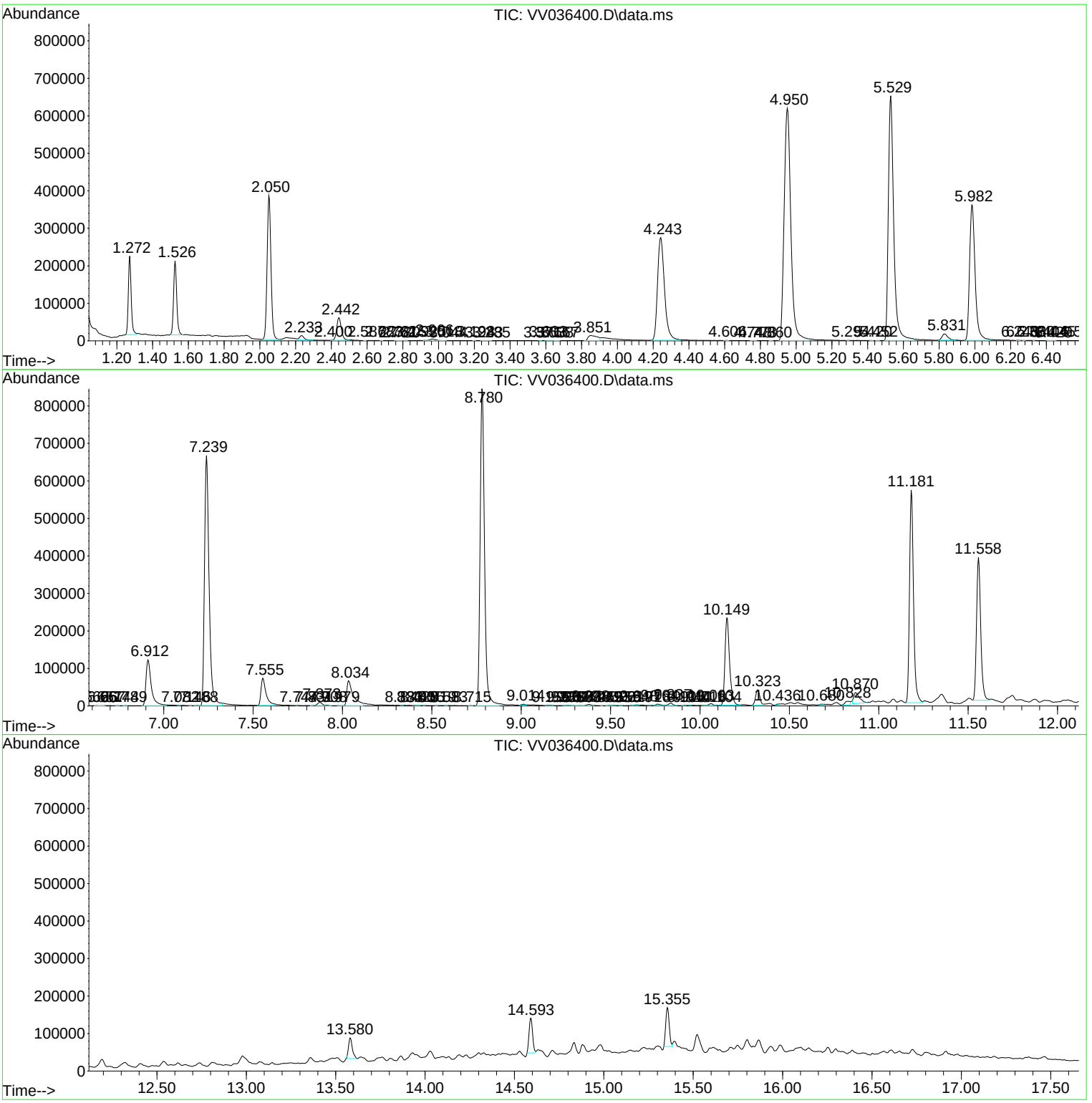
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR4

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
Data File : VV036400.D
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ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR4

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

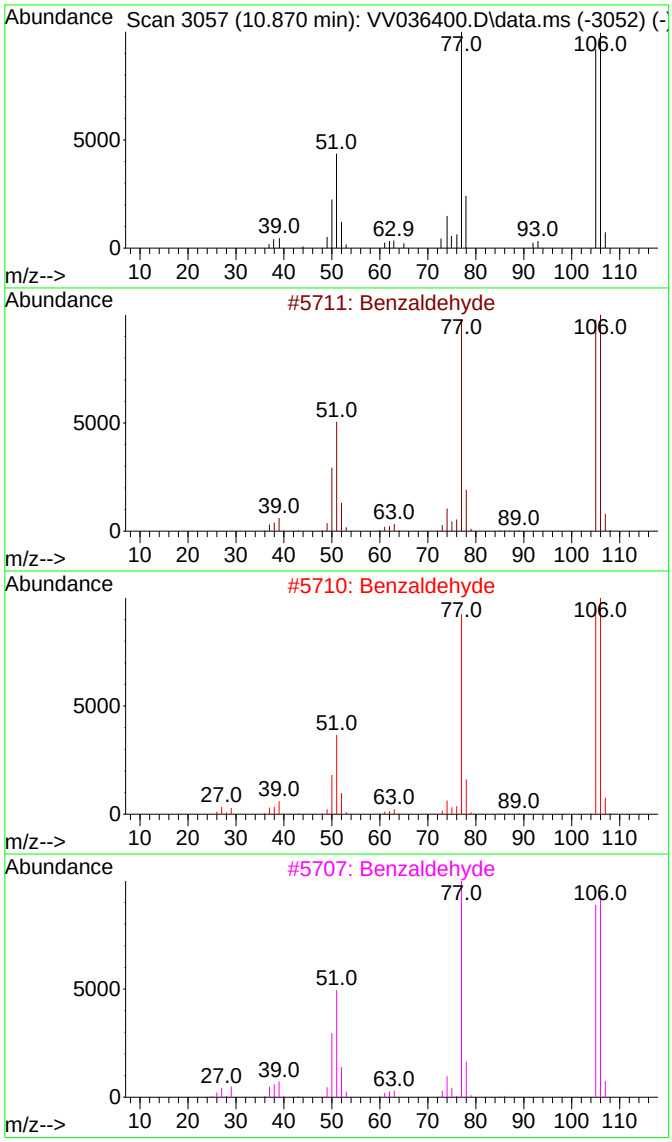
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

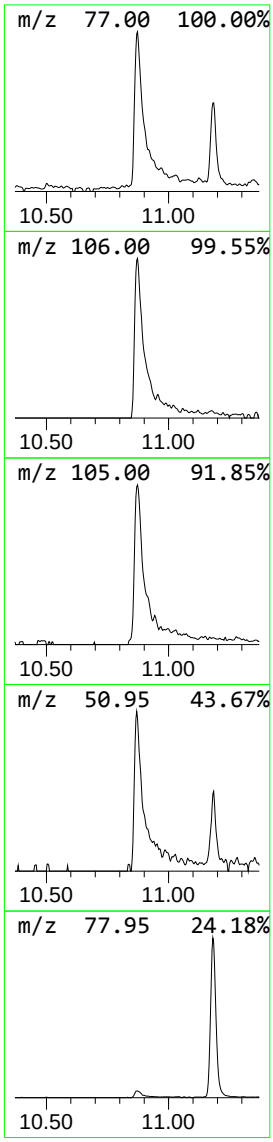
****

Peak Number 3 Benzaldehyde Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.870	1.85 ug/L	65006	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde	106	C7H6O	000100-52-7	96
2	Benzaldehyde	106	C7H6O	000100-52-7	94
3	Benzaldehyde	106	C7H6O	000100-52-7	94
4	Benzaldehyde	106	C7H6O	000100-52-7	91
5	Benzaldehyde	106	C7H6O	000100-52-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
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ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR4

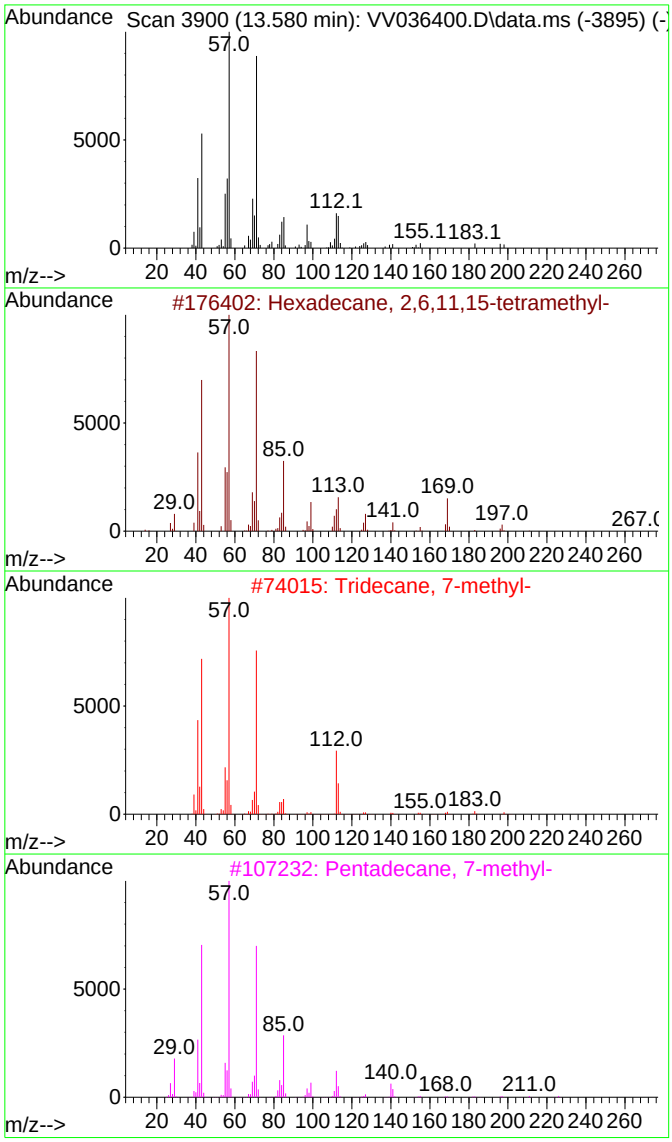
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

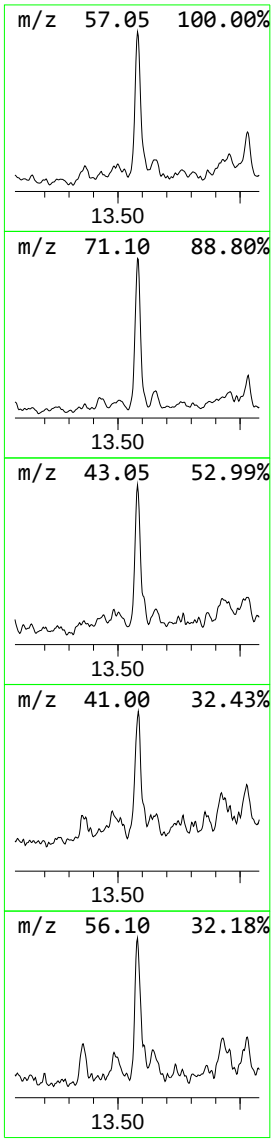
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.580	2.28 ug/L	80472	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	78
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
4	6-Methyl-2-heptanol, 2-methylpro...	200	C12H24O2	1000447-36-7	64
5	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
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ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR4

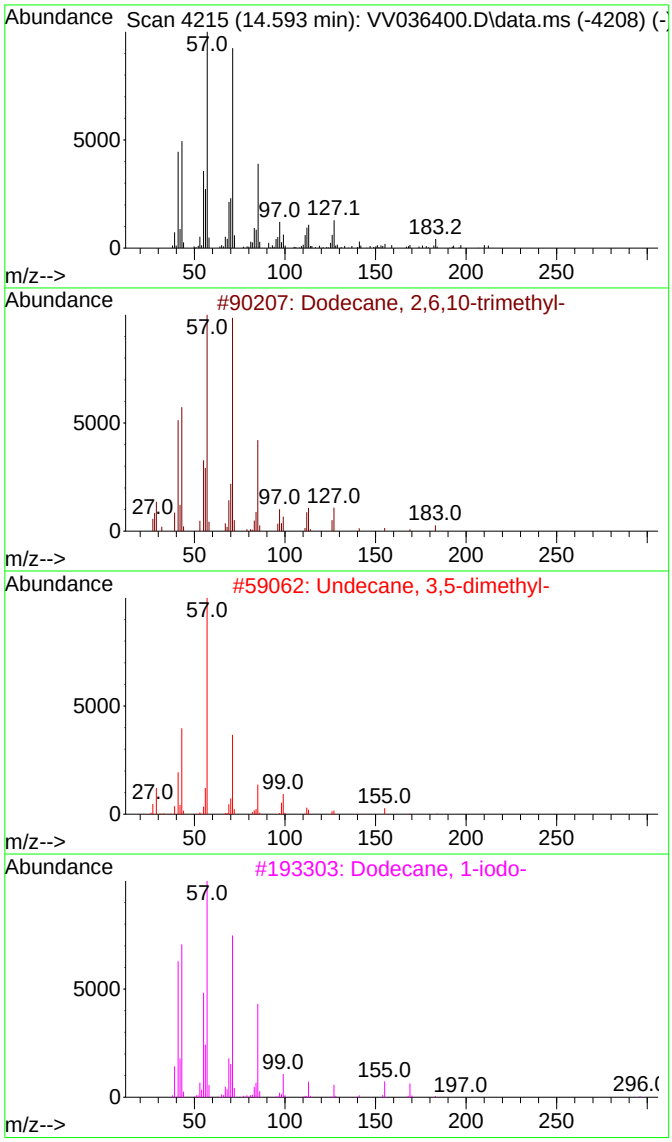
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

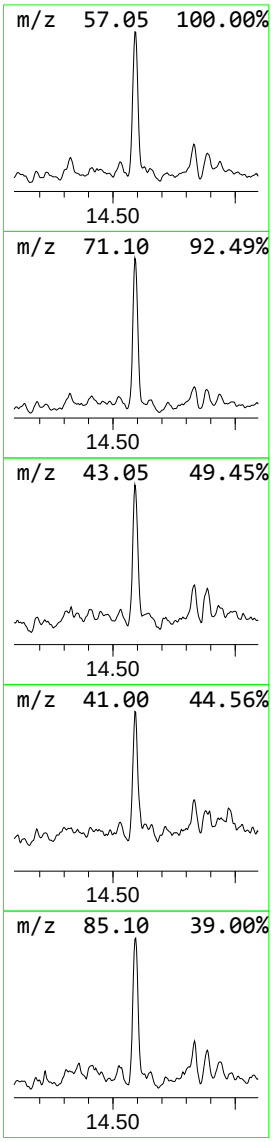
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.593	3.63 ug/L	127693	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	59





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ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR4

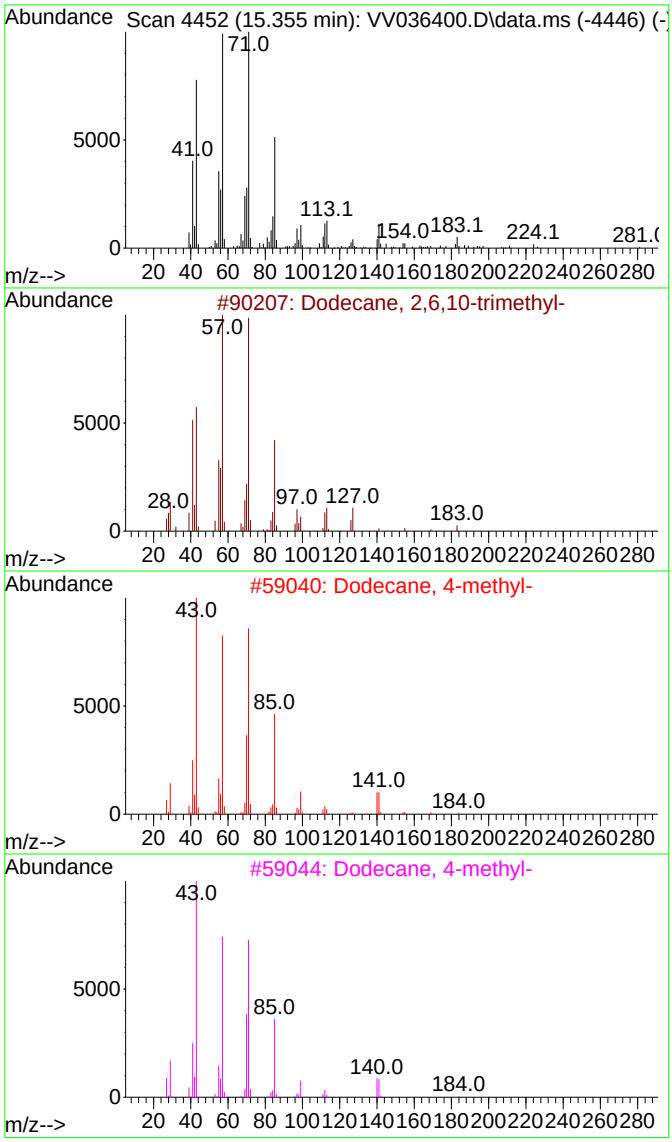
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

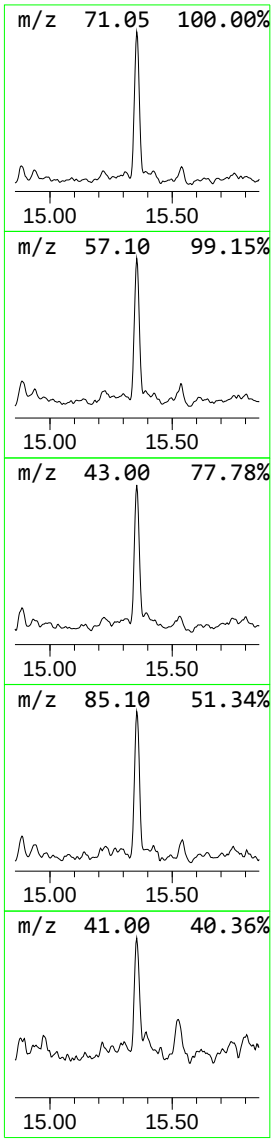
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.355	3.97 ug/L	139885	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	68
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
4	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	60
5	Oxalic acid, 2-ethylhexyl tetrad...	398	C24H46O4	1000309-39-7	58





Tentatively Identified Compound (LSC) summary

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Data File : VV036400.D
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ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR4

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzaldehyde	10.870	1.9	ug/L	65006	3	11.182	880565	25.0
(DEL) Alkane: S...	13.580	2.3	ug/L	80472	3	11.182	880565	25.0
(DEL) Alkane: S...	14.593	3.6	ug/L	127693	3	11.182	880565	25.0
(DEL) Alkane: S...	15.355	4.0	ug/L	139885	3	11.182	880565	25.0