LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
Data File : VV036098.D
Acq On : 17 Jun 2024 14:59
Operator : SY/MD
Sample : P2909-01
Misc : 4.63g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B75

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\SFAMVLM053024SMA.M
Title : VOC Analysis

Signal : TIC: VV036098.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	66	72	93	rVB	233318	261334	20.30%	2.934%
2	1.526	144	151	167	rVB	199080	238038	18.49%	2.672%
3	2.050	305	314	329	rVB	400273	570200	44.30%	6.401%
4	2.439	424	435	458	rBV	195415	331238	25.74%	3.719%
5	2.632	493	495	499	rBV3	449	338	0.03%	0.004%
6	2.773	537	539	544	rVB3	536	401	0.03%	0.005%
7	2.960	582	597	616	rBV2	28773	60082	4.67%	0.675%
8	3.465	751	754	761	rBV4	378	462	0.04%	0.005%
9	3.635	802	807	811	rBV2	376	301	0.02%	0.003%
10	3.847	861	873	875	rBV3	10190	14047	1.09%	0.158%
11	4.243	980	996	1032	rBV	231929	611605	47.52%	6.866%
12	4.535	1083	1087	1091	rVB3	782	673	0.05%	0.008%
13	4.587	1100	1103	1109	rVB5	643	608	0.05%	0.007%
14	4.638	1116	1119	1121	rBV2	552	261	0.02%	0.003%
15	4.950	1199	1216	1249	rBV2	505422	1287063	100.00%	14.449%
16	5.227	1300	1302	1306	rVB2	625	360	0.03%	0.004%
17	5.330	1330	1334	1340	rVV4	509	649	0.05%	0.007%
18	5.529	1383	1396	1429	rBV	557759	1172954	91.13%	13.168%
19	5.831	1482	1490	1505	rVB5	6957	14657	1.14%	0.165%
20	5.985	1522	1538	1572	rBV	300312	637973	49.57%	7.162%
21	6.281	1625	1630	1635	rVB5	833	938	0.07%	0.011%
22	6.368	1655	1657	1661	rVV3	624	366	0.03%	0.004%
23	6.452	1680	1683	1686	rBV4	464	272	0.02%	0.003%
24	6.574	1715	1721	1722	rBV3	461	393	0.03%	0.004%
25	6.664	1745	1749	1753	rVB3	482	456	0.04%	0.005%
26	6.702	1759	1761	1765	rBV2	587	288	0.02%	0.003%
27	6.757	1775	1778	1781	rVB3	492	265	0.02%	0.003%
28	6.854	1805	1808	1812	rBV4	524	368	0.03%	0.004%
29	6.911	1817	1826	1852	rBV	106163	220629	17.14%	2.477%
30	7.111	1884	1888	1891	rBV4	519	429	0.03%	0.005%
31	7.162	1900	1904	1907	rBV3	476	408	0.03%	0.005%
32	7.239	1918	1928	1949	rBV	464384	844008	65.58%	9.475%
33	7.442	1987	1991	1995	rBV4	794	737	0.06%	0.008%
34	7.497	2004	2008	2009	rBV3	1586	992	0.08%	0.011%
35	7.555	2017	2026	2052	rBV	63715	128560	9.99%	1.443%
36	7.718	2074	2077	2080	rBV3	622	446	0.03%	0.005%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
Data File : VV036098.D
Acq On : 17 Jun 2024 14:59
Operator : SY/MD
Sample : P2909-01
Misc : 4.63g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B75

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\SFAMVLM053024SMA.M
Title : VOC Analysis

37	7.818	2106	2108	2112	rVB3	492	276	0.02%	0.003%
38	7.873	2115	2125	2134	rBV3	8526	14651	1.14%	0.164%
39	8.037	2166	2176	2201	rBV	44327	110868	8.61%	1.245%
40	8.390	2284	2286	2289	rBV2	489	302	0.02%	0.003%
41	8.426	2293	2297	2301	rBV4	401	386	0.03%	0.004%
42	8.500	2317	2320	2325	rVB4	603	524	0.04%	0.006%
43	8.558	2336	2338	2339	rBV	676	315	0.02%	0.004%
44	8.587	2343	2347	2348	rBV2	560	351	0.03%	0.004%
45	8.599	2348	2351	2355	rVB2	700	551	0.04%	0.006%
46	8.654	2363	2368	2369	rBV3	662	494	0.04%	0.006%
47	8.683	2375	2377	2381	rBV2	329	265	0.02%	0.003%
48	8.783	2396	2408	2434	rBV	625594	1042717	81.02%	11.706%
49	9.194	2533	2536	2538	rBV2	530	348	0.03%	0.004%
50	9.413	2602	2604	2609	rVB4	817	610	0.05%	0.007%
51	9.625	2666	2670	2673	rVB4	646	523	0.04%	0.006%
52	9.644	2673	2676	2680	rBV3	787	599	0.05%	0.007%
53	9.689	2688	2690	2695	rVB2	549	375	0.03%	0.004%
54	9.715	2695	2698	2700	rBV2	379	282	0.02%	0.003%
55	9.837	2726	2736	2743	rBV5	4202	6297	0.49%	0.071%
56	9.956	2768	2773	2779	rVB5	618	809	0.06%	0.009%
57	10.059	2795	2805	2816	rBV3	8436	14489	1.13%	0.163%
58	10.152	2818	2834	2848	rBV	134760	220677	17.15%	2.477%
59	10.323	2875	2887	2900	rVB	31330	51673	4.01%	0.580%
60	10.397	2908	2910	2915	rBV3	634	389	0.03%	0.004%
61	10.468	2927	2932	2933	rBV2	1393	1371	0.11%	0.015%
62	10.506	2940	2944	2945	rBV3	1738	1296	0.10%	0.015%
63	10.599	2964	2973	2979	rBV7	1185	2108	0.16%	0.024%
64	10.670	2991	2995	2999	rBV5	846	804	0.06%	0.009%
65	10.715	3001	3009	3017	rBV9	4176	7142	0.55%	0.080%
66	10.815	3035	3040	3041	rBV2	1018	815	0.06%	0.009%
67	10.853	3044	3052	3065	rVB3	14285	22980	1.79%	0.258%
68	10.931	3072	3076	3079	rBV4	522	384	0.03%	0.004%
69	10.972	3079	3089	3097	rBV2	6428	10269	0.80%	0.115%
70	11.037	3105	3109	3113	rBV4	667	703	0.05%	0.008%
71	11.082	3113	3123	3132	rBV2	21126	35517	2.76%	0.399%
72	11.123	3134	3136	3145	rVB7	3597	4681	0.36%	0.053%
73	11.185	3145	3155	3172	rBV	287246	470356	36.54%	5.280%
74	11.323	3190	3198	3204	rBV2	18463	28505	2.21%	0.320%
75	11.365	3206	3211	3220	rVB2	22905	33209	2.58%	0.373%
76	11.490	3240	3250	3261	rBV4	18241	44349	3.45%	0.498%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
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Acq On : 17 Jun 2024 14:59
Operator : SY/MD
Sample : P2909-01
Misc : 4.63g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B75

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\SFAMVLM053024SMA.M
Title : VOC Analysis

77	11.561	3262	3272	3291	rVB	184763	312924	24.31%	3.513%
78	11.718	3316	3321	3331	rVB6	6424	8855	0.69%	0.099%
79	11.914	3378	3382	3383	rBV3	1446	1008	0.08%	0.011%
80	12.191	3459	3468	3479	rBV2	10690	17757	1.38%	0.199%
81	12.297	3496	3501	3502	rBV4	2572	1994	0.15%	0.022%
82	12.525	3569	3572	3573	rBV3	1134	653	0.05%	0.007%
83	12.615	3594	3600	3611	rVB5	4920	7669	0.60%	0.086%
84	12.721	3630	3633	3640	rVB6	855	761	0.06%	0.009%
85	12.786	3647	3653	3660	rBV5	2106	2964	0.23%	0.033%
86	12.828	3660	3666	3674	rVB5	3021	4153	0.32%	0.047%
87	13.053	3734	3736	3738	rBV3	573	338	0.03%	0.004%
88	13.085	3744	3746	3752	rVB5	896	792	0.06%	0.009%
89	13.185	3775	3777	3780	rVB2	627	278	0.02%	0.003%
90	13.204	3780	3783	3784	rBV2	1009	567	0.04%	0.006%
91	13.355	3827	3830	3832	rBV3	714	480	0.04%	0.005%
92	13.387	3836	3840	3841	rBV3	504	321	0.02%	0.004%
93	13.455	3855	3861	3874	rVB7	3035	5650	0.44%	0.063%
94	13.786	3960	3964	3965	rBV2	550	370	0.03%	0.004%
95	13.815	3971	3973	3975	rBV3	648	299	0.02%	0.003%
96	14.281	4116	4118	4120	rBV3	768	312	0.02%	0.004%
97	14.313	4125	4128	4130	rBV2	932	611	0.05%	0.007%
98	14.365	4142	4144	4147	rBV3	828	607	0.05%	0.007%
99	14.590	4211	4214	4221	rBV5	1050	1020	0.08%	0.011%
100	15.483	4490	4492	4497	rBV5	1219	995	0.08%	0.011%

Sum of corrected areas: 8907437

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
Data File : VV036098.D
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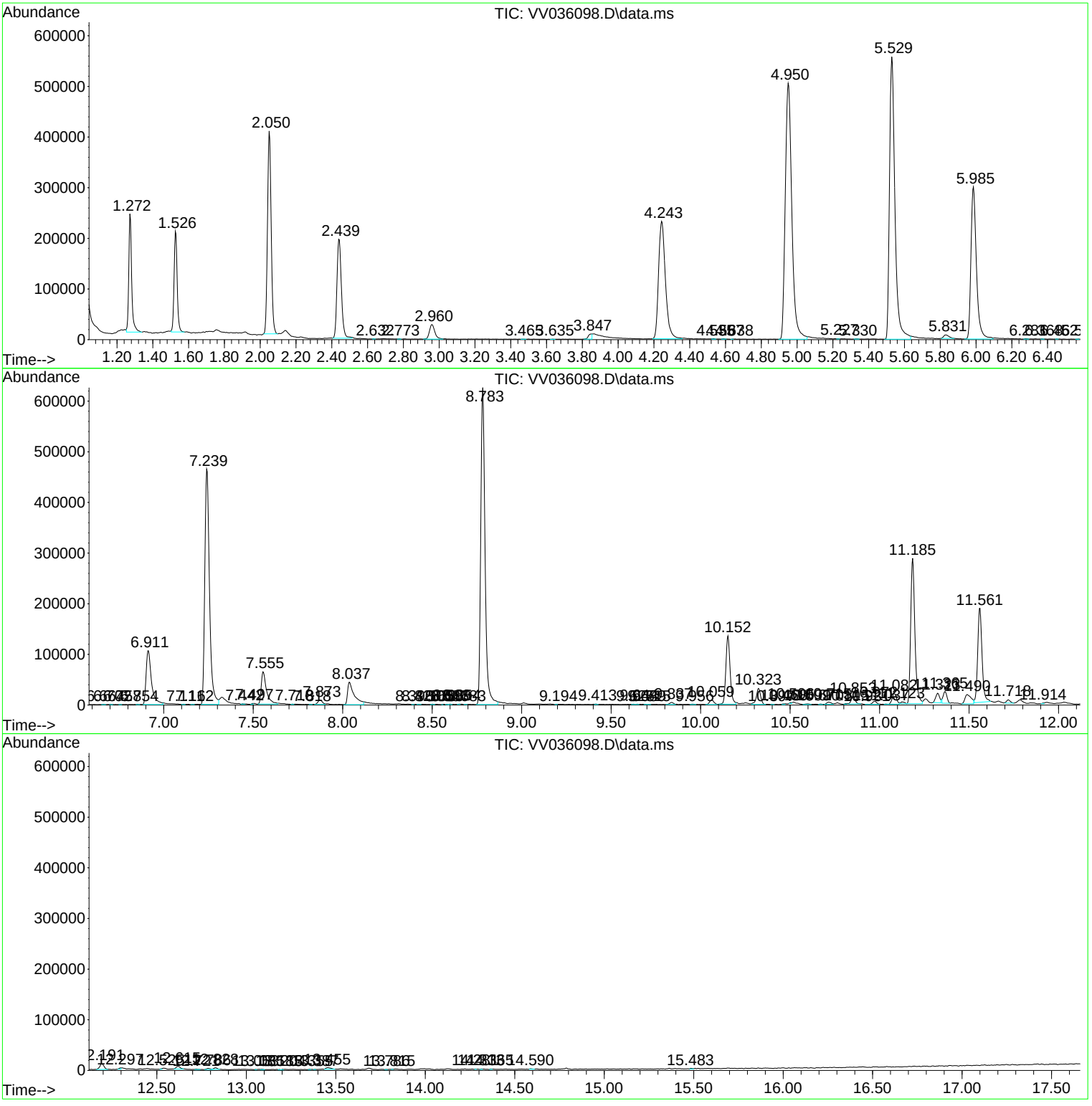
Operator : SY/MD
Sample : P2909-01
Misc : 4.63g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B75

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
Data File : VV036098.D
Acq On : 17 Jun 2024 14:59
Operator : SY/MD
Sample : P2909-01
Misc : 4.63g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B75

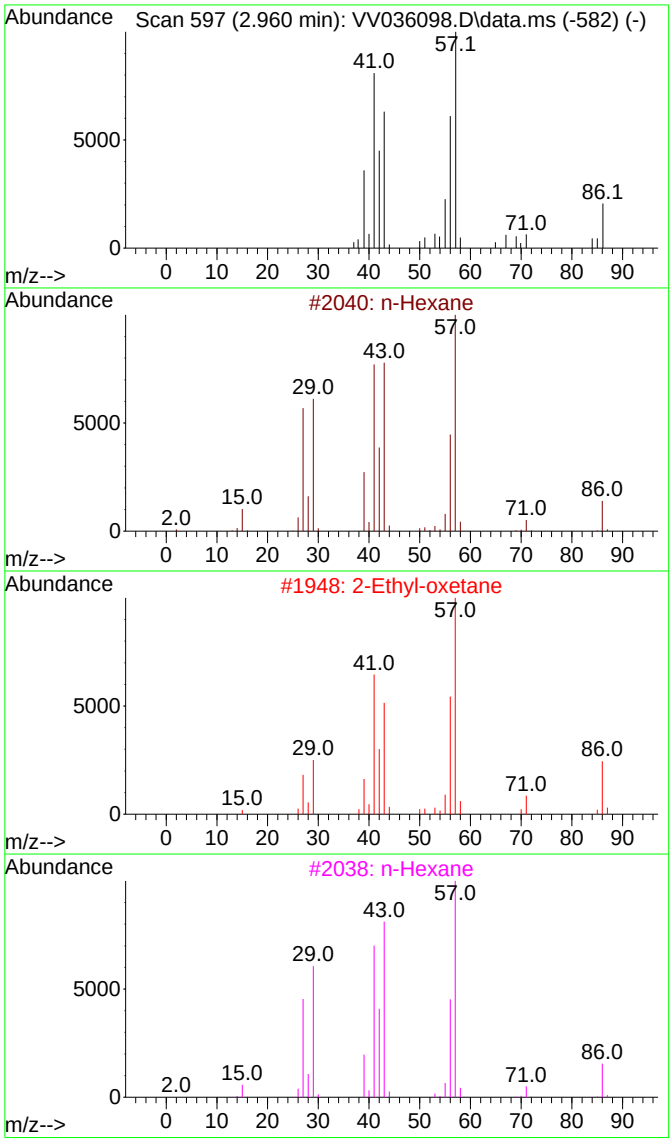
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

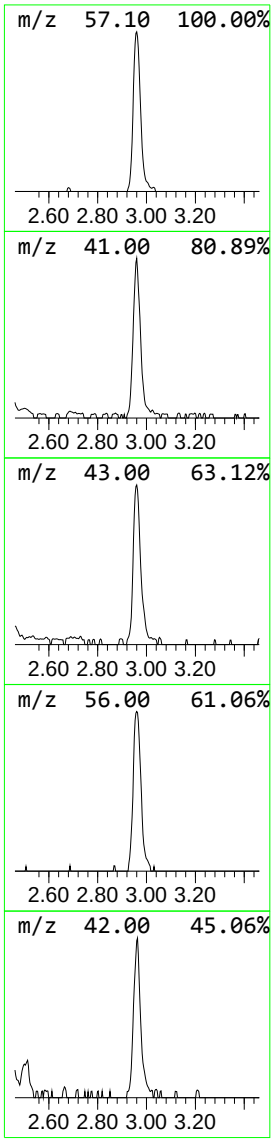
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.960	1.28 ug/L	60082	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	80
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	64
5	n-Hexane	86	C6H14	000110-54-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
Data File : VV036098.D
Acq On : 17 Jun 2024 14:59
Operator : SY/MD
Sample : P2909-01
Misc : 4.63g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B75

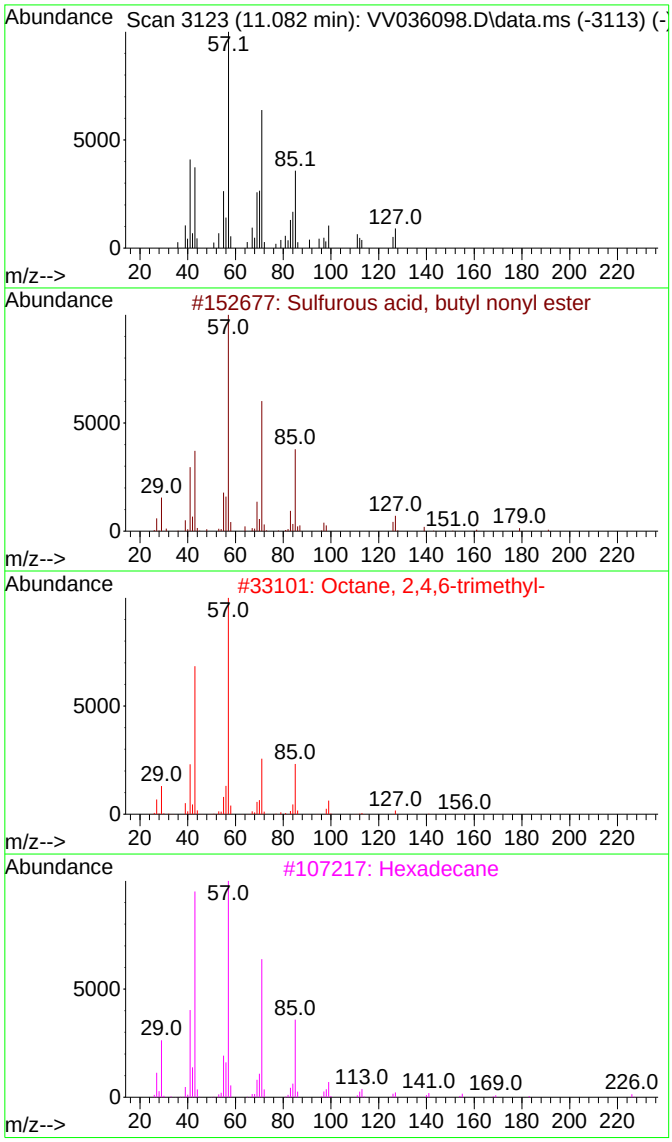
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

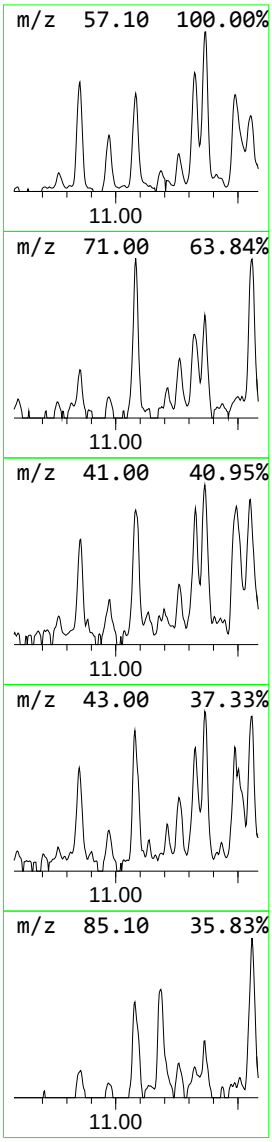
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Sulfurous acid, butyl nonyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	1.89 ug/L	35517	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	58
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
3	Hexadecane	226	C16H34	000544-76-3	50
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
5	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
Data File : VV036098.D
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Operator : SY/MD
Sample : P2909-01
Misc : 4.63g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B75

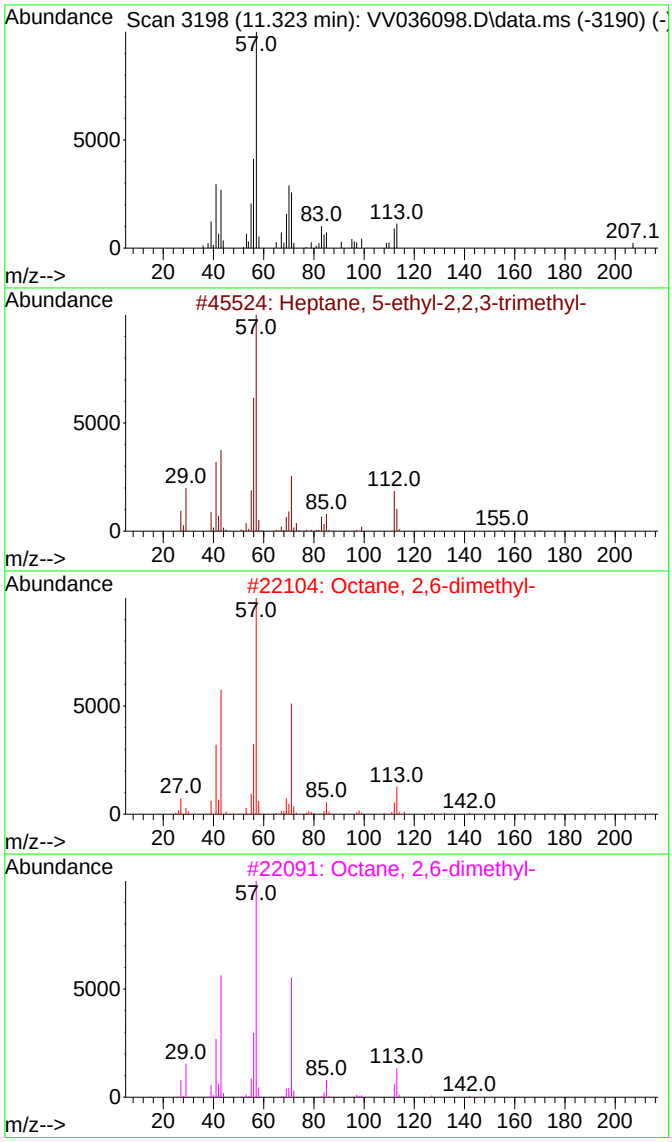
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

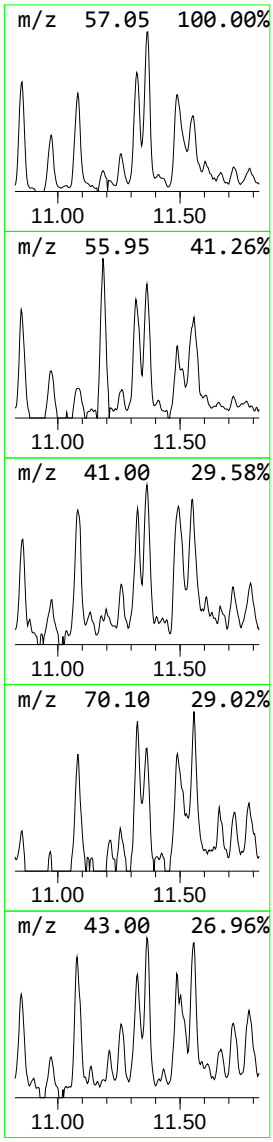
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.323	1.52 ug/L	28505	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	59
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
Data File : VV036098.D
Acq On : 17 Jun 2024 14:59
Operator : SY/MD
Sample : P2909-01
Misc : 4.63g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B75

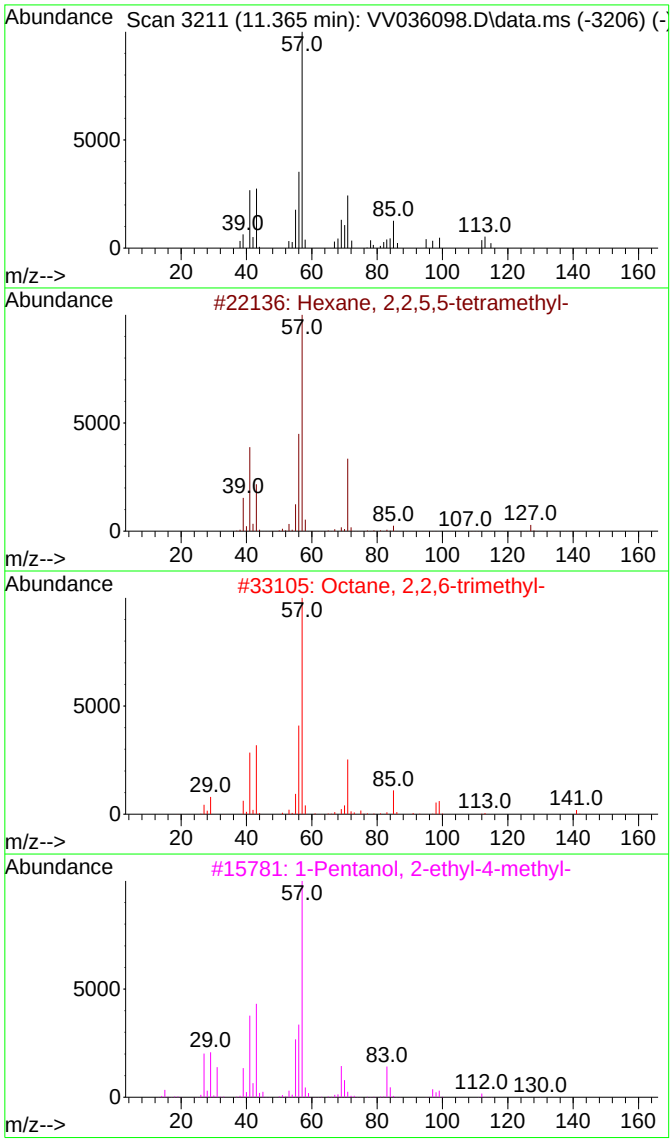
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

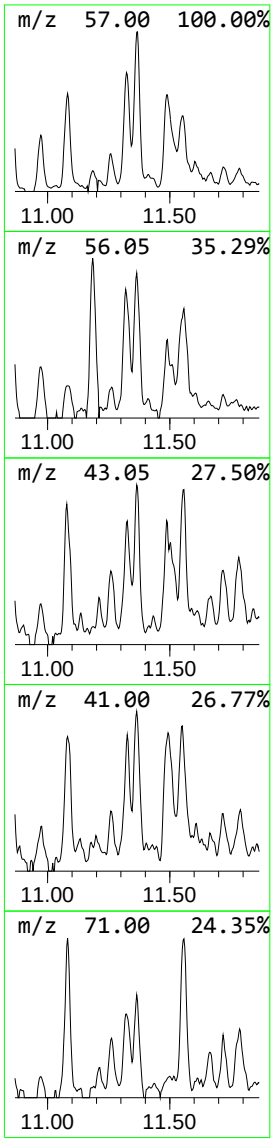
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.365	1.77 ug/L	33209	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	45
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	43
4	Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	43
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
Data File : VV036098.D
Acq On : 17 Jun 2024 14:59
Operator : SY/MD
Sample : P2909-01
Misc : 4.63g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B75

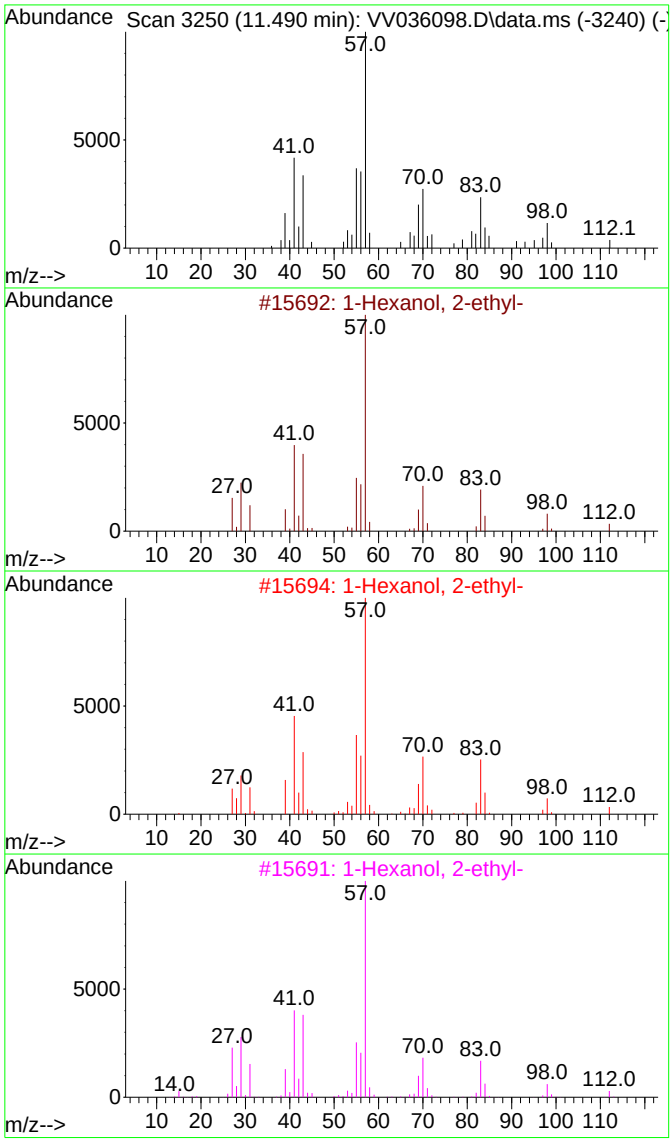
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

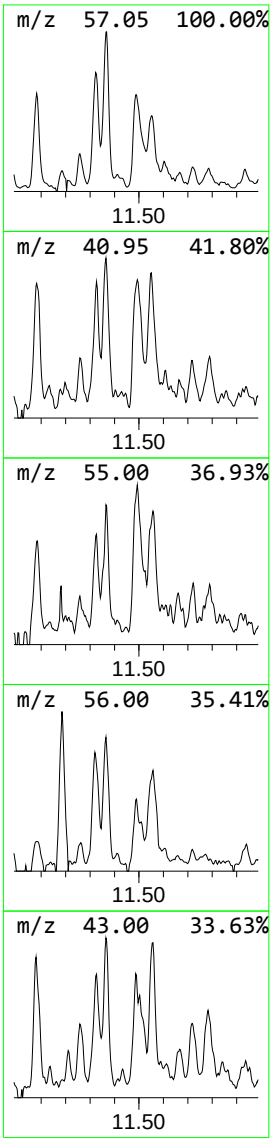
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.490	2.36 ug/L	44349	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
Data File : VV036098.D
Acq On : 17 Jun 2024 14:59
Operator : SY/MD
Sample : P2909-01
Misc : 4.63g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B75

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.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...	2.960	1.3	ug/L	60082	1	5.529	1172950	25.0
Sulfurous acid,...	11.082	1.9	ug/L	35517	3	11.185	470356	25.0
(DEL) Alkane: S...	11.323	1.5	ug/L	28505	3	11.185	470356	25.0
(DEL) Alkane: S...	11.365	1.8	ug/L	33209	3	11.185	470356	25.0
1-Hexanol, 2-et...	11.490	2.4	ug/L	44349	3	11.185	470356	25.0