LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071724\
Data File : VV036585.D
Acq On : 17 Jul 2024 11:39
Operator : SY/MD
Sample : P3238-07RE
Misc : 4.81g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BF0RE

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: VV036585.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	66	73	95	rVB	156360	175736	21.86%	3.342%
2	1.529	145	152	168	rVB	131802	162523	20.22%	3.091%
3	2.050	304	314	330	rBV	266176	383489	47.70%	7.294%
4	2.233	365	371	384	rVB	27635	40648	5.06%	0.773%
5	2.352	405	408	412	rVB4	668	478	0.06%	0.009%
6	2.375	412	415	420	rVV3	512	432	0.05%	0.008%
7	2.397	420	422	424	rVV	377	204	0.03%	0.004%
8	2.439	424	435	451	rVB3	21534	40699	5.06%	0.774%
9	2.507	453	456	462	rVB4	412	395	0.05%	0.008%
10	2.532	462	464	467	rBV3	324	266	0.03%	0.005%
11	2.545	467	468	471	rVV3	392	224	0.03%	0.004%
12	2.571	474	476	478	rVB	464	207	0.03%	0.004%
13	2.584	478	480	485	rVB	318	277	0.03%	0.005%
14	2.632	492	495	500	rBV2	286	224	0.03%	0.004%
15	2.658	501	503	506	rVB	425	199	0.02%	0.004%
16	2.712	517	520	523	rBV2	394	259	0.03%	0.005%
17	2.844	558	561	567	rVB3	271	270	0.03%	0.005%
18	2.957	590	596	599	rBV3	1798	1960	0.24%	0.037%
19	3.429	740	743	745	rBV2	255	173	0.02%	0.003%
20	3.532	772	775	782	rVB2	309	360	0.04%	0.007%
21	3.635	805	807	810	rVB2	347	181	0.02%	0.003%
22	3.851	860	874	877	rBV2	8586	13253	1.65%	0.252%
23	4.246	981	997	1029	rBV2	142119	382398	47.57%	7.273%
24	4.465	1063	1065	1073	rVB5	444	391	0.05%	0.007%
25	4.523	1082	1083	1090	rVB2	281	245	0.03%	0.005%
26	4.555	1090	1093	1097	rVV2	381	330	0.04%	0.006%
27	4.851	1182	1185	1189	rBV2	199	217	0.03%	0.004%
28	4.950	1202	1216	1253	rBV2	306514	803936	100.00%	15.291%
29	5.188	1287	1290	1293	rVB3	486	298	0.04%	0.006%
30	5.204	1293	1295	1298	rBV2	339	201	0.03%	0.004%
31	5.323	1329	1332	1338	rVB2	461	435	0.05%	0.008%
32	5.355	1338	1342	1343	rBV2	385	197	0.02%	0.004%
33	5.407	1356	1358	1363	rVB2	220	207	0.03%	0.004%
34	5.429	1363	1365	1370	rVB2	252	195	0.02%	0.004%
35	5.455	1370	1373	1375	rBV2	212	167	0.02%	0.003%
36	5.529	1384	1396	1434	rBV	299003	644004	80.11%	12.249%

LSC Area Percent Report

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Operator : SY/MD
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Misc : 4.81g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BF0RE

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	5.699	1447	1449	1454	rVB3	719	399	0.05%	0.008%
38	5.789	1475	1477	1479	rBV2	415	260	0.03%	0.005%
39	5.834	1482	1491	1514	rVB5	7028	17620	2.19%	0.335%
40	5.986	1525	1538	1566	rBV	181477	384773	47.86%	7.318%
41	6.220	1608	1611	1614	rVB3	394	277	0.03%	0.005%
42	6.275	1624	1628	1631	rBV2	320	249	0.03%	0.005%
43	6.404	1661	1668	1670	rBV2	337	270	0.03%	0.005%
44	6.603	1724	1730	1733	rBV2	173	176	0.02%	0.003%
45	6.706	1759	1762	1765	rBV2	223	176	0.02%	0.003%
46	6.825	1791	1799	1803	rBV2	298	340	0.04%	0.006%
47	6.918	1819	1828	1851	rBV2	31577	67286	8.37%	1.280%
48	7.121	1890	1891	1898	rVB3	516	365	0.05%	0.007%
49	7.243	1918	1929	1953	rBV	228762	430005	53.49%	8.179%
50	7.481	2001	2003	2009	rVB4	370	278	0.03%	0.005%
51	7.519	2013	2015	2019	rVB3	324	213	0.03%	0.004%
52	7.561	2019	2028	2047	rBV3	18427	39205	4.88%	0.746%
53	7.754	2086	2088	2093	rBV2	492	361	0.04%	0.007%
54	7.777	2093	2095	2099	rVB2	413	212	0.03%	0.004%
55	7.818	2103	2108	2112	rBV2	399	260	0.03%	0.005%
56	7.879	2118	2127	2134	rBV6	2560	3986	0.50%	0.076%
57	7.937	2143	2145	2149	rVB	309	208	0.03%	0.004%
58	7.986	2156	2160	2161	rBV3	327	164	0.02%	0.003%
59	8.034	2165	2175	2200	rBV	38585	92720	11.53%	1.763%
60	8.326	2264	2266	2271	rVB3	492	293	0.04%	0.006%
61	8.362	2274	2277	2280	rVB	334	202	0.03%	0.004%
62	8.381	2280	2283	2286	rVB2	500	235	0.03%	0.004%
63	8.420	2292	2295	2297	rBV3	241	182	0.02%	0.003%
64	8.500	2317	2320	2324	rBV2	649	469	0.06%	0.009%
65	8.522	2324	2327	2330	rVB5	344	234	0.03%	0.004%
66	8.603	2347	2352	2357	rVV3	757	614	0.08%	0.012%
67	8.667	2369	2372	2373	rBV	368	169	0.02%	0.003%
68	8.683	2373	2377	2380	rVB3	411	307	0.04%	0.006%
69	8.731	2388	2392	2398	rVB5	823	798	0.10%	0.015%
70	8.783	2398	2408	2437	rBV	297942	507382	63.11%	9.650%
71	8.937	2454	2456	2458	rBV2	516	262	0.03%	0.005%
72	8.989	2469	2472	2477	rVB2	399	282	0.04%	0.005%
73	9.031	2481	2485	2487	rBV4	1195	879	0.11%	0.017%
74	9.043	2487	2489	2493	rVV4	820	621	0.08%	0.012%
75	9.088	2498	2503	2504	rBV3	453	312	0.04%	0.006%
76	9.146	2516	2521	2523	rBV2	641	519	0.06%	0.010%

LSC Area Percent Report

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Acq On : 17 Jul 2024 11:39
Operator : SY/MD
Sample : P3238-07RE
Misc : 4.81g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BF0RE

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	9.159	2523	2525	2527	rVV	660	395	0.05%	0.008%
78	9.185	2531	2533	2538	rVB	346	214	0.03%	0.004%
79	9.243	2546	2551	2560	rBV6	1021	1471	0.18%	0.028%
80	9.352	2575	2585	2586	rBV5	1947	2243	0.28%	0.043%
81	9.410	2599	2603	2612	rVB7	2376	3126	0.39%	0.059%
82	9.481	2621	2625	2628	rBV6	599	621	0.08%	0.012%
83	9.513	2629	2635	2646	rVV7	2712	4418	0.55%	0.084%
84	9.606	2659	2664	2665	rBV4	1026	810	0.10%	0.015%
85	9.648	2669	2677	2685	rVB5	6788	9943	1.24%	0.189%
86	9.841	2732	2737	2739	rBV5	1087	1125	0.14%	0.021%
87	9.886	2749	2751	2752	rBV2	497	175	0.02%	0.003%
88	9.908	2752	2758	2763	rVV7	2621	3677	0.46%	0.070%
89	9.950	2765	2771	2782	rVB7	5835	10291	1.28%	0.196%
90	10.063	2799	2806	2816	rVB4	8321	12681	1.58%	0.241%
91	10.153	2824	2834	2852	rVB	116967	207132	25.76%	3.940%
92	10.445	2915	2925	2932	rBV5	8820	16330	2.03%	0.311%
93	10.500	2936	2942	2950	rVV5	7784	13821	1.72%	0.263%
94	10.712	3003	3008	3016	rVB6	7007	10025	1.25%	0.191%
95	10.818	3033	3041	3047	rBV5	27055	44842	5.58%	0.853%
96	10.973	3082	3089	3094	rBV3	12954	19933	2.48%	0.379%
97	11.185	3146	3155	3175	rBV	164343	296733	36.91%	5.644%
98	11.558	3263	3271	3288	rVB	126753	225995	28.11%	4.298%
99	12.307	3496	3504	3512	rBV5	37750	80782	10.05%	1.536%
100	12.403	3527	3534	3541	rBV4	51639	81712	10.16%	1.554%

Sum of corrected areas: 5257736

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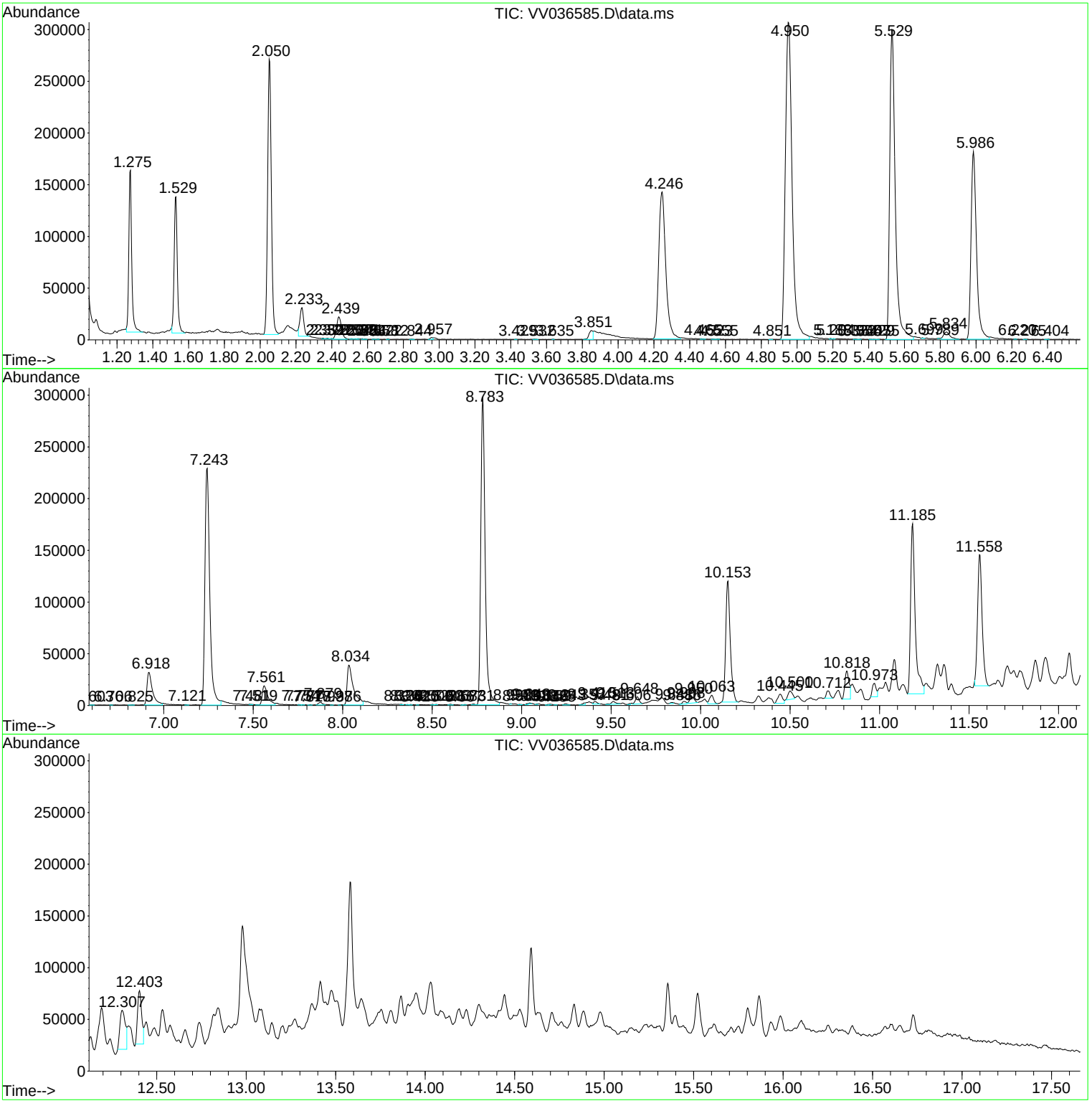
Misc : 4.81g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BF0RE

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\VV071724\
Data File : VV036585.D
Acq On : 17 Jul 2024 11:39
Operator : SY/MD
Sample : P3238-07RE
Misc : 4.81g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BF0RE

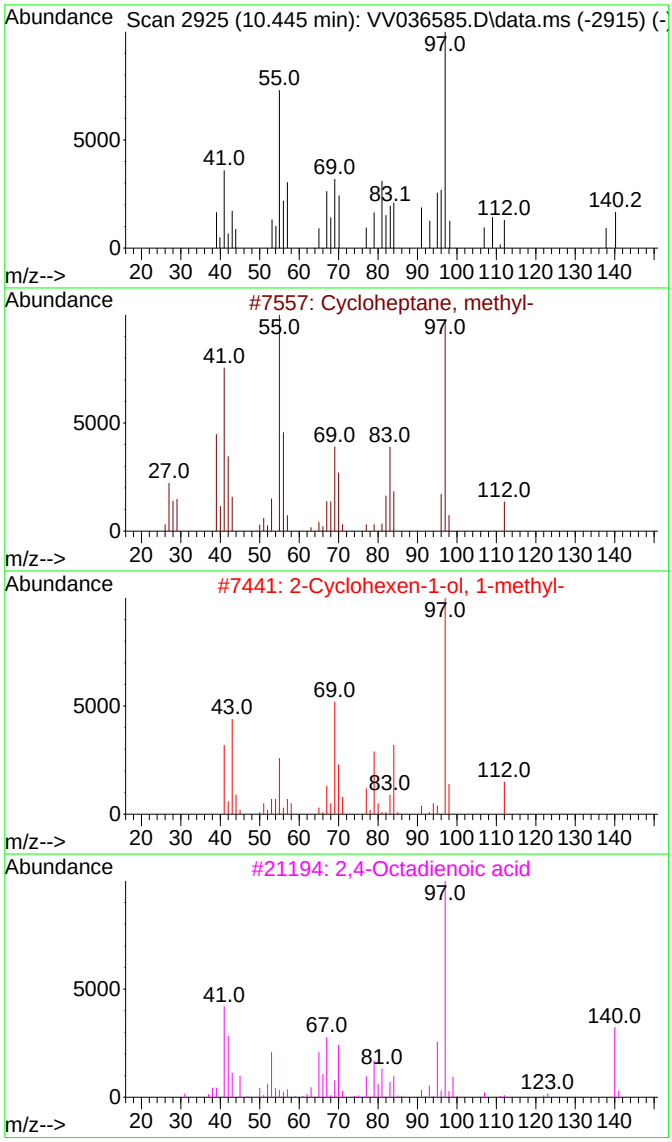
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

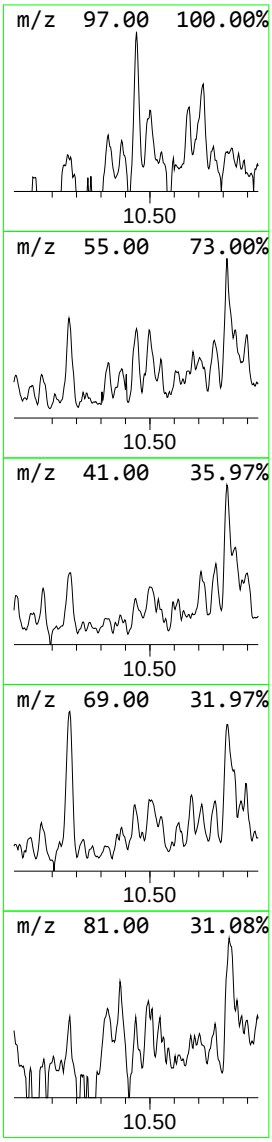
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic10.445 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	1.38 ug/L	16330	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	58
2	2-Cyclohexen-1-ol, 1-methyl-	112	C7H12O	023758-27-2	47
3	2,4-Octadienoic acid	140	C8H12O2	083615-26-3	46
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	43
5	Cyclohexanemethanol, 2-methyl-	128	C8H16O	002105-40-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071724\
Data File : VV036585.D
Acq On : 17 Jul 2024 11:39
Operator : SY/MD
Sample : P3238-07RE
Misc : 4.81g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BF0RE

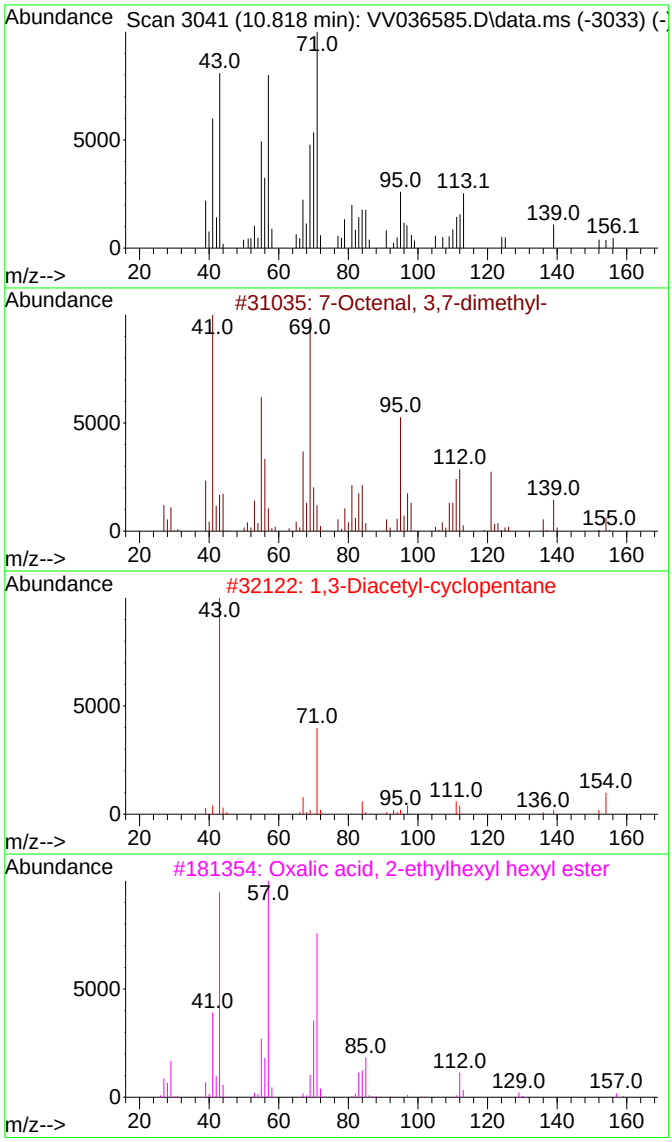
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

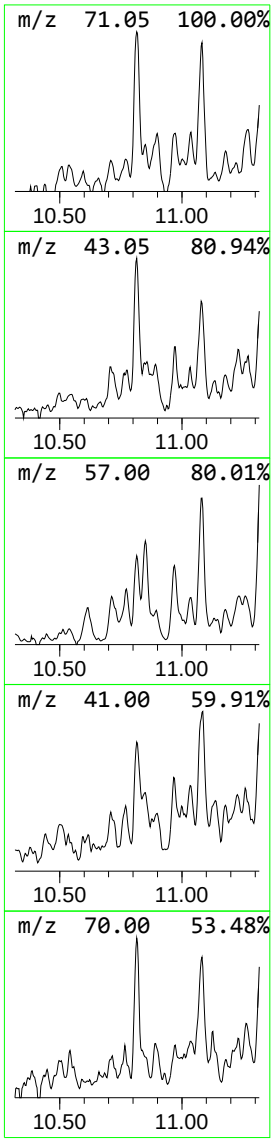
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 7-Octenal, 3,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.818	3.78 ug/L	44842	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octenal, 3,7-dimethyl-	154	C10H18O	000141-26-4	64
2	1,3-Diacetyl-cyclopentane	154	C9H14O2	1000143-37-1	49
3	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	47
4	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	38
5	N-Cyclohexyl-1,3-propanediamine	156	C9H20N2	003312-60-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071724\
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BF0RE

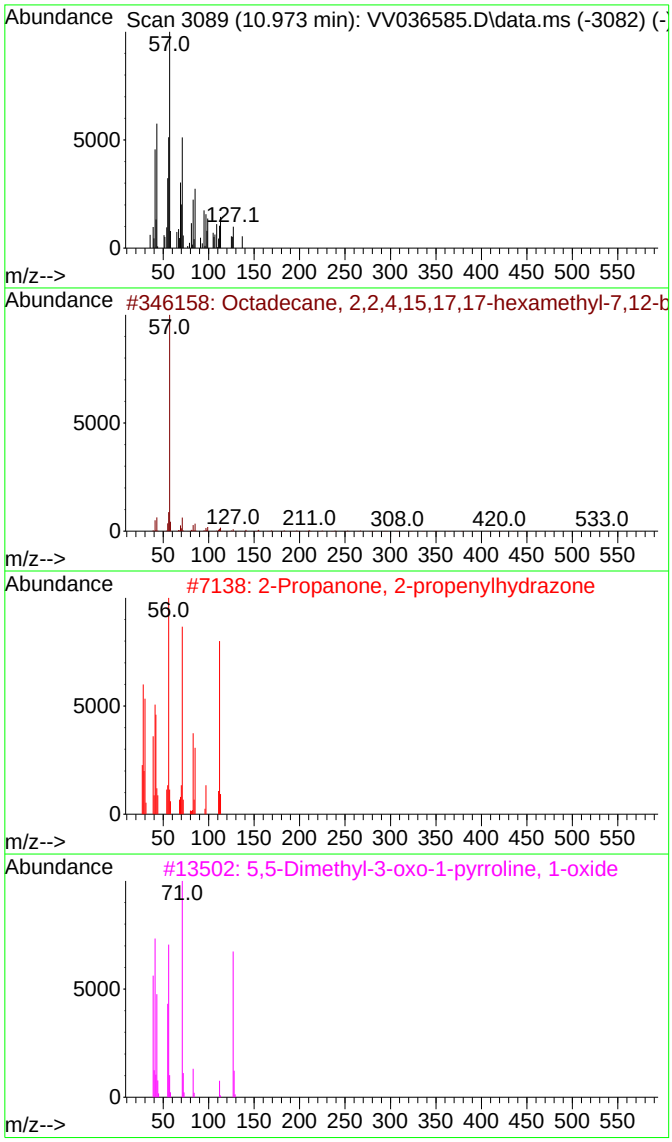
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

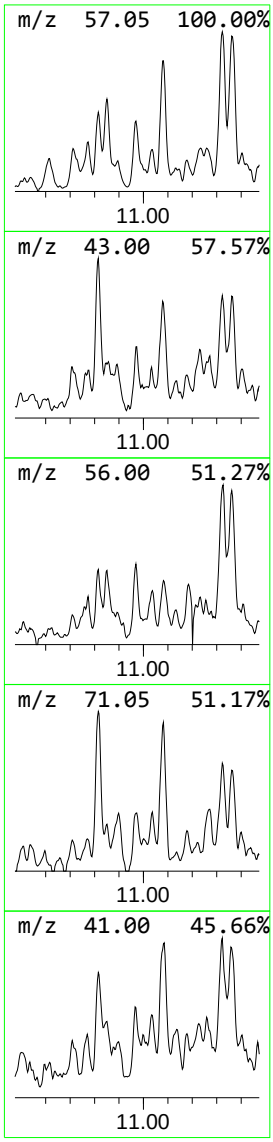
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.973	1.68 ug/L	19933	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	72
2	2-Propanone, 2-propenylhydrazone	112	C6H12N2	019031-79-9	47
3	5,5-Dimethyl-3-oxo-1-pyrroline, ...	127	C6H9NO2	1000305-98-3	43
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	43
5	Decane, 2-methyl-	156	C11H24	006975-98-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071724\
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Acq On : 17 Jul 2024 11:39
Operator : SY/MD
Sample : P3238-07RE
Misc : 4.81g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BF0RE

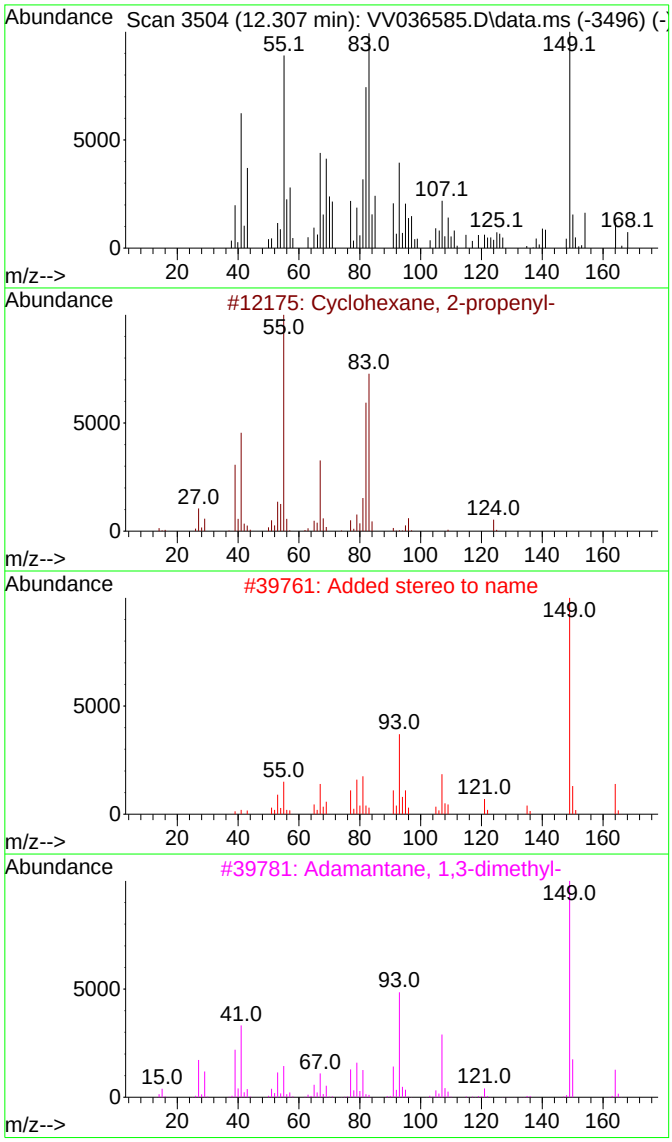
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

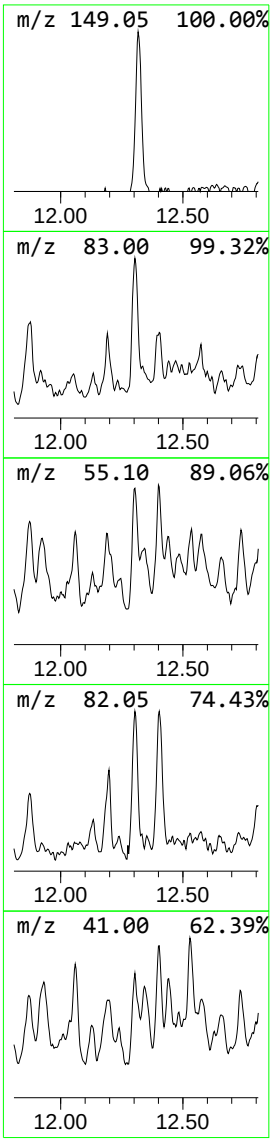
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, 2-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.307	6.81 ug/L	80782	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
2	Added stereo to name	164	C12H20	024145-89-9	42
3	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	42
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071724\
Data File : VV036585.D
Acq On : 17 Jul 2024 11:39
Operator : SY/MD
Sample : P3238-07RE
Misc : 4.81g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BF0RE

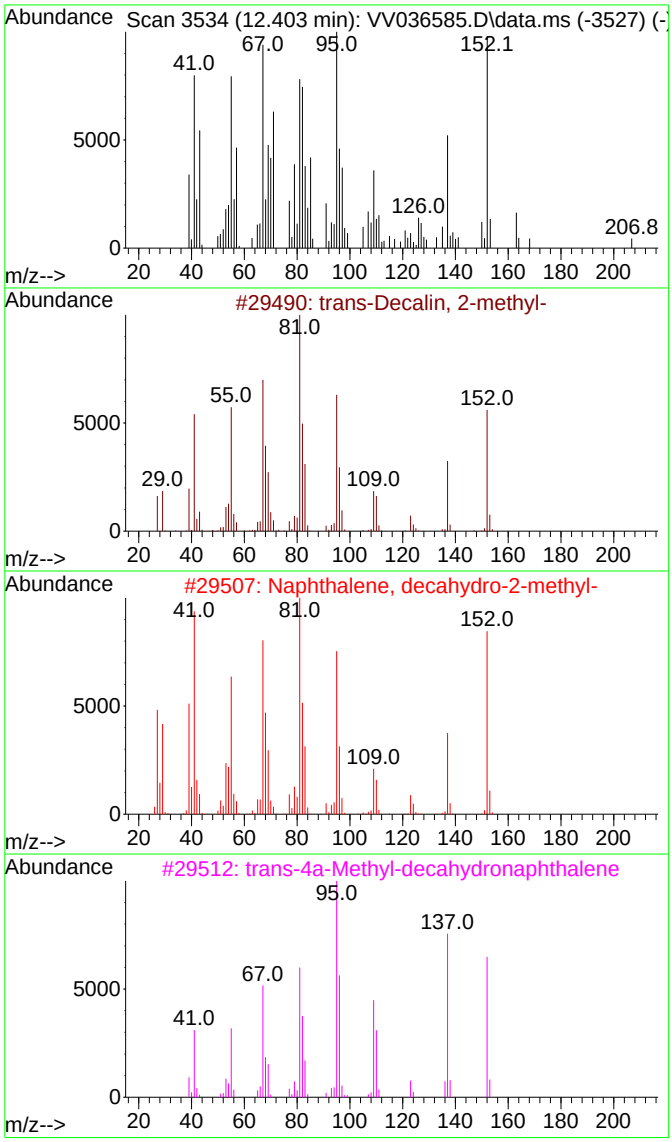
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

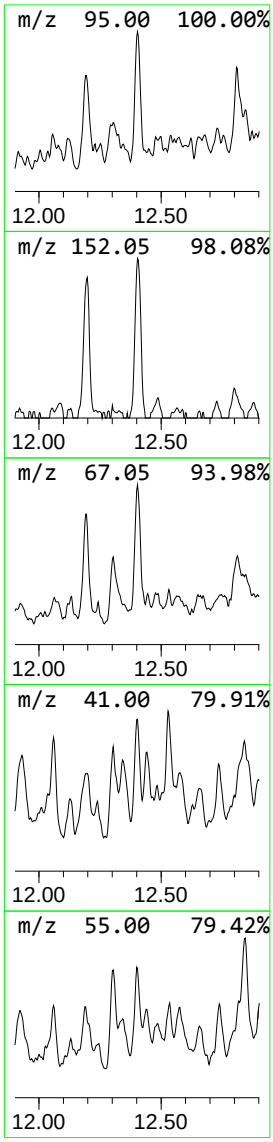
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 trans-Decalin, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.403	6.88 ug/L	81712	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	58
5	4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071724\
Data File : VV036585.D
Acq On : 17 Jul 2024 11:39
Operator : SY/MD
Sample : P3238-07RE
Misc : 4.81g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BF0RE

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: C...	10.445	1.4	ug/L	16330	3	11.185	296733	25.0
7-Octenal, 3,7-...	10.818	3.8	ug/L	44842	3	11.185	296733	25.0
(DEL) Alkane: S...	10.973	1.7	ug/L	19933	3	11.185	296733	25.0
Cyclohexane, 2-...	12.307	6.8	ug/L	80782	3	11.185	296733	25.0
trans-Decalin, ...	12.403	6.9	ug/L	81712	3	11.185	296733	25.0