LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

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_U\Method\SFAMULM092321WMA.M
Title : VOC Analysis

Signal : TIC: VU045141.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	73	81	97	rBV	168326	195173	6.03%	0.226%
2	2.565	366	381	411	rBV	286584	480328	14.83%	0.557%
3	3.083	517	542	553	rBV	51011	115576	3.57%	0.134%
4	3.700	715	734	753	rBV	134593	297606	9.19%	0.345%
5	4.533	977	993	1010	rVV	95329	229388	7.08%	0.266%
6	4.633	1010	1024	1064	rVB	146310	390226	12.05%	0.453%
7	5.067	1143	1159	1184	rVV	239524	531249	16.41%	0.616%
8	5.379	1238	1256	1272	rBV5	169446	474116	14.64%	0.550%
9	5.594	1306	1323	1336	rBV	172054	392334	12.12%	0.455%
10	5.729	1346	1365	1389	rVB2	513490	1360058	42.01%	1.577%
11	5.851	1389	1403	1414	rBV2	112461	233357	7.21%	0.271%
12	5.925	1415	1426	1435	rBV	80075	149982	4.63%	0.174%
13	5.993	1435	1447	1476	rVB	179251	399739	12.35%	0.464%
14	6.137	1476	1492	1515	rBV	646655	1210852	37.40%	1.404%
15	6.253	1515	1528	1539	rBV	357456	695677	21.49%	0.807%
16	6.694	1651	1665	1673	rBV	321367	624938	19.30%	0.725%
17	6.764	1674	1687	1700	rVB	633223	1385189	42.78%	1.607%
18	6.983	1742	1755	1768	rBV	119619	219276	6.77%	0.254%
19	7.076	1769	1784	1799	rVB	159306	321234	9.92%	0.373%
20	7.237	1823	1834	1854	rVB	202468	417559	12.90%	0.484%
21	7.401	1872	1885	1889	rBV	83845	146984	4.54%	0.170%
22	7.501	1904	1916	1924	rBV	671737	1126472	34.79%	1.306%
23	7.661	1957	1966	1975	rBV	314237	498728	15.40%	0.578%
24	7.761	1986	1997	2013	rVB5	115184	252391	7.80%	0.293%
25	7.858	2013	2027	2033	rBV2	531485	986854	30.48%	1.145%
26	7.899	2033	2040	2053	rVB	791433	1392953	43.02%	1.616%
27	8.025	2070	2079	2087	rBV4	139907	294863	9.11%	0.342%
28	8.134	2097	2113	2123	rVV	1346814	2227529	68.80%	2.583%
29	8.182	2123	2128	2135	rVB	113195	157443	4.86%	0.183%
30	8.243	2135	2147	2162	rVB4	438042	934499	28.86%	1.084%
31	8.372	2175	2187	2194	rBV3	173883	317604	9.81%	0.368%
32	8.414	2194	2200	2213	rVB3	99971	185257	5.72%	0.215%
33	8.539	2230	2239	2250	rVB2	123868	209180	6.46%	0.243%
34	8.639	2250	2270	2283	rBV2	1020118	1948605	60.18%	2.260%
35	8.761	2298	2308	2314	rBV	173282	309222	9.55%	0.359%
36	8.806	2314	2322	2332	rVB5	238292	389904	12.04%	0.452%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

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_U\Method\SFAMULM092321WMA.M
Title : VOC Analysis

37	8.867	2332	2341	2351	rBV	511198	812848	25.10%	0.943%
38	8.928	2351	2360	2370	rBV	671220	1116936	34.50%	1.295%
39	9.073	2391	2405	2413	rBV6	319786	676824	20.90%	0.785%
40	9.124	2413	2421	2427	rVV	269587	412728	12.75%	0.479%
41	9.169	2427	2435	2442	rVV3	450180	814627	25.16%	0.945%
42	9.214	2442	2449	2460	rVV2	1011449	1643671	50.76%	1.906%
43	9.337	2477	2487	2502	rVB	1184235	1906624	58.89%	2.211%
44	9.420	2503	2513	2522	rBV	497024	808325	24.96%	0.937%
45	9.481	2524	2532	2537	rBV4	88678	134013	4.14%	0.155%
46	9.571	2550	2560	2573	rBV3	428084	756195	23.35%	0.877%
47	9.697	2575	2599	2610	rVV2	1067201	3237835	100.00%	3.755%
48	9.748	2611	2615	2643	rVB3	753483	1669019	51.55%	1.936%
49	9.880	2644	2656	2670	rBV6	200739	488015	15.07%	0.566%
50	9.957	2671	2680	2689	rBV5	96479	167144	5.16%	0.194%
51	10.031	2690	2703	2722	rBV7	534731	1509388	46.62%	1.751%
52	10.124	2724	2732	2742	rBV7	191293	368943	11.39%	0.428%
53	10.253	2756	2772	2787	rBV3	1404025	3141677	97.03%	3.644%
54	10.359	2797	2805	2811	rBV3	825602	1372373	42.39%	1.592%
55	10.394	2812	2816	2829	rVB	919369	1410787	43.57%	1.636%
56	10.478	2832	2842	2852	rBV3	252521	537056	16.59%	0.623%
57	10.562	2853	2868	2876	rBV3	485235	1078724	33.32%	1.251%
58	10.626	2876	2888	2893	rBV	931455	1536097	47.44%	1.782%
59	10.700	2905	2911	2917	rBV3	133790	186720	5.77%	0.217%
60	10.761	2921	2930	2938	rVV2	1163776	1919432	59.28%	2.226%
61	10.812	2939	2946	2962	rVB5	600080	1063805	32.86%	1.234%
62	10.909	2970	2976	2982	rBV	166313	223971	6.92%	0.260%
63	10.951	2983	2989	2996	rBV4	162804	235010	7.26%	0.273%
64	11.002	2997	3005	3018	rBV2	516684	1360525	42.02%	1.578%
65	11.066	3018	3025	3030	rBV2	581726	908292	28.05%	1.053%
66	11.192	3057	3064	3073	rBV7	104833	190103	5.87%	0.220%
67	11.247	3075	3081	3086	rVV3	141290	208125	6.43%	0.241%
68	11.295	3087	3096	3113	rVB4	560644	1383721	42.74%	1.605%
69	11.378	3114	3122	3127	rBV3	242193	370882	11.45%	0.430%
70	11.417	3127	3134	3142	rVV	1179149	1697168	52.42%	1.968%
71	11.472	3142	3151	3174	rVB	1243284	2600235	80.31%	3.016%
72	11.574	3177	3183	3188	rBV	138321	207180	6.40%	0.240%
73	11.645	3198	3205	3216	rVB4	581405	1010247	31.20%	1.172%
74	11.716	3218	3227	3233	rBV	928608	1453192	44.88%	1.685%
75	11.822	3252	3260	3271	rVB3	641955	1532323	47.33%	1.777%
76	11.902	3271	3285	3299	rVB3	978086	2655789	82.02%	3.080%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

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_U\Method\SFAMULM092321WMA.M
Title : VOC Analysis

77	12.005	3310	3317	3335	rVB4	605660	1125254	34.75%	1.305%
78	12.099	3336	3346	3350	rBV4	427428	697471	21.54%	0.809%
79	12.192	3365	3375	3390	rVB5	1549226	3101302	95.78%	3.597%
80	12.327	3413	3417	3427	rVB2	489845	679760	20.99%	0.788%
81	12.385	3428	3435	3449	rVB5	565275	1206341	37.26%	1.399%
82	12.472	3455	3462	3465	rBV	258629	355847	10.99%	0.413%
83	12.674	3515	3525	3534	rBV2	562566	1292645	39.92%	1.499%
84	12.931	3595	3605	3624	rBV6	741824	2089882	64.55%	2.424%
85	13.050	3624	3642	3652	rVB4	630481	1805531	55.76%	2.094%
86	13.137	3664	3669	3676	rVB2	310175	388692	12.00%	0.451%
87	13.356	3732	3737	3745	rVB3	152265	192758	5.95%	0.224%
88	13.452	3756	3767	3783	rVB6	1118023	2618158	80.86%	3.037%
89	13.590	3803	3810	3815	rBV	388988	519008	16.03%	0.602%
90	13.626	3817	3821	3846	rVB	433457	1118477	34.54%	1.297%
91	13.735	3847	3855	3863	rBV6	138941	246356	7.61%	0.286%
92	13.787	3864	3871	3879	rBV2	166920	247388	7.64%	0.287%
93	13.841	3882	3888	3902	rVB6	125175	205191	6.34%	0.238%
94	13.947	3915	3921	3933	rBV3	163074	338978	10.47%	0.393%
95	14.089	3960	3965	3971	rVB2	198724	224764	6.94%	0.261%
96	14.189	3987	3996	4010	rVB5	185886	396034	12.23%	0.459%
97	14.671	4136	4146	4159	rVB7	150960	337504	10.42%	0.391%
98	15.021	4247	4255	4263	rBV4	72850	145712	4.50%	0.169%
99	15.224	4305	4318	4328	rBV	232227	414577	12.80%	0.481%
100	15.410	4369	4376	4388	rVB	102385	165938	5.12%	0.192%

Sum of corrected areas: 86222482

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
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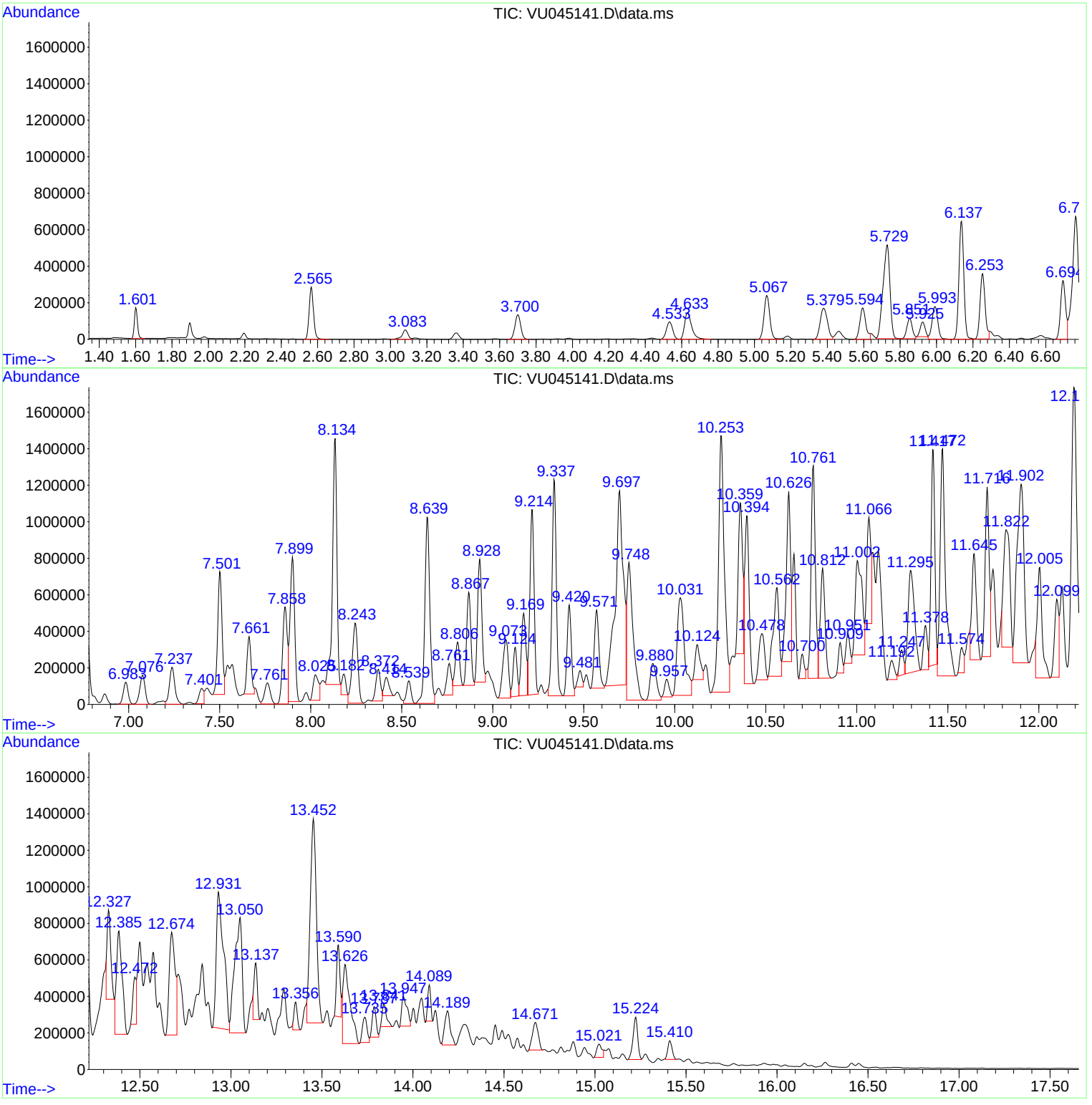
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW904DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

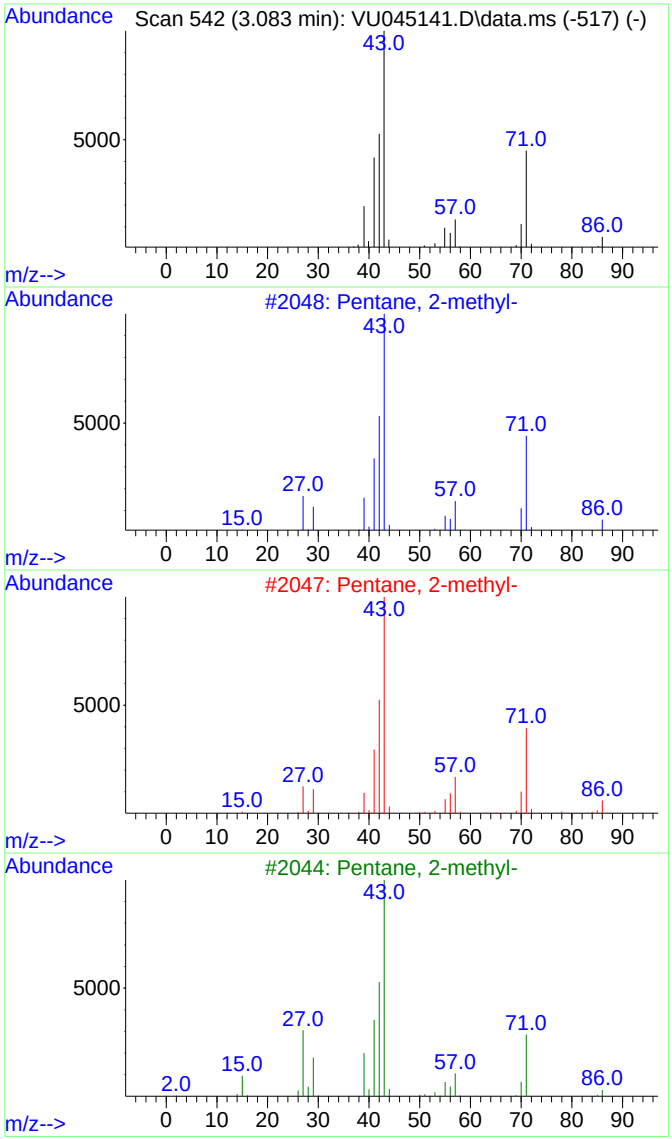
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

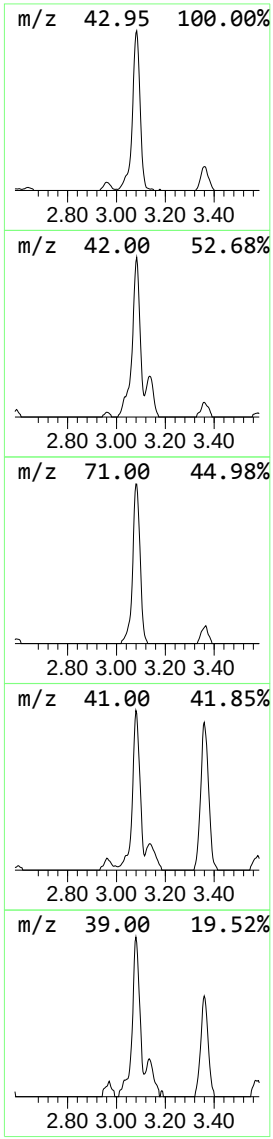
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.083	8.31 ug/L	115576	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

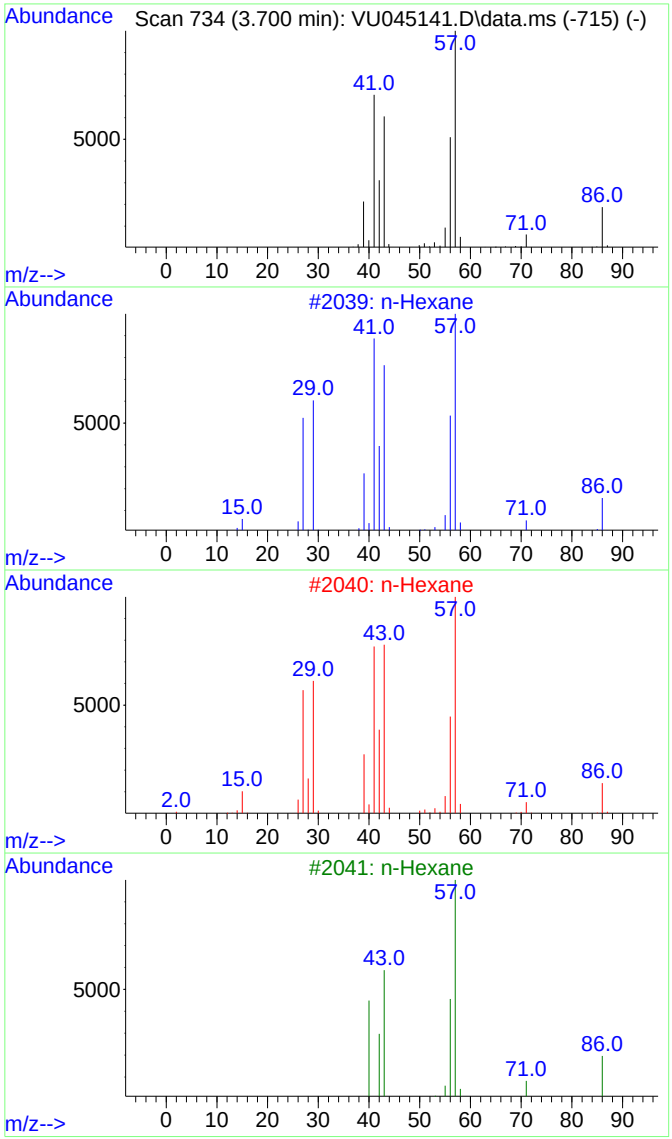
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

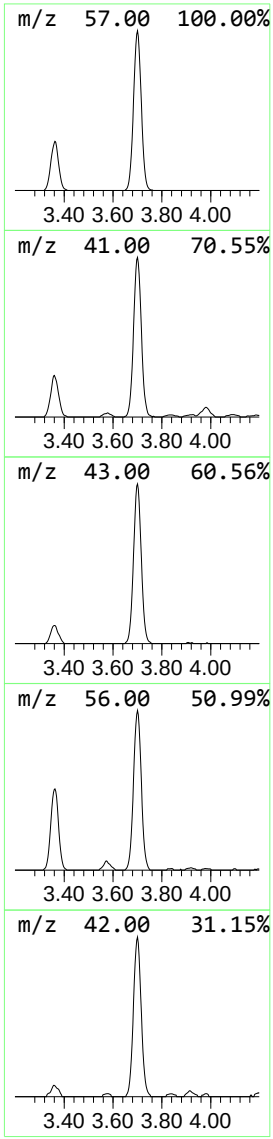
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.700	21.39 ug/L	297606	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	83
2	n-Hexane	86	C6H14	000110-54-3	83
3	n-Hexane	86	C6H14	000110-54-3	80
4	n-Hexane	86	C6H14	000110-54-3	64
5	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

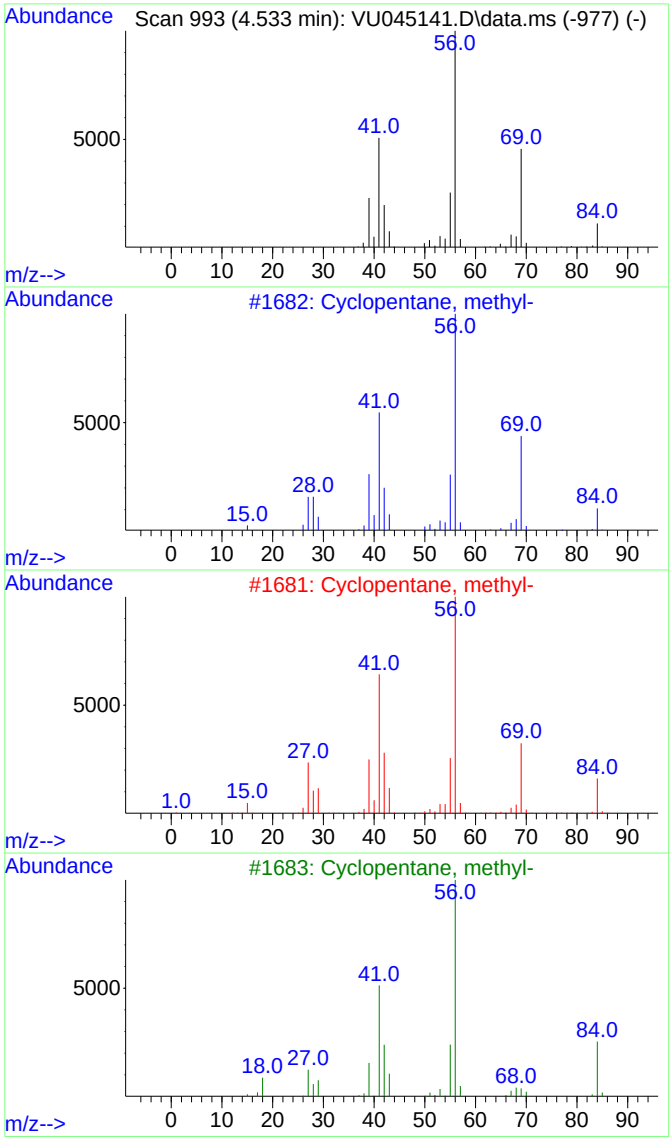
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

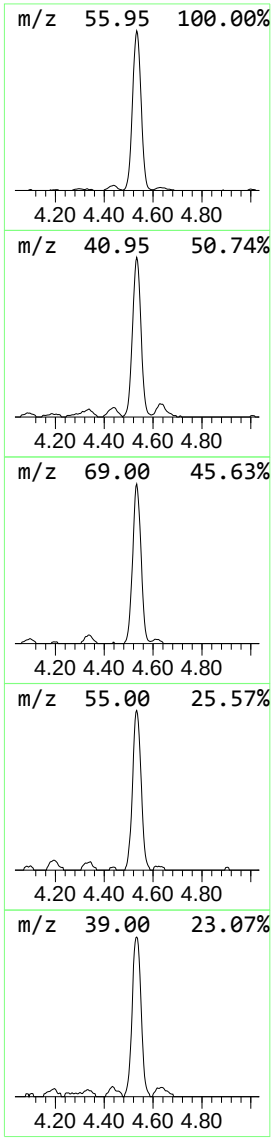
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic4.533 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.533	16.49 ug/L	229388	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

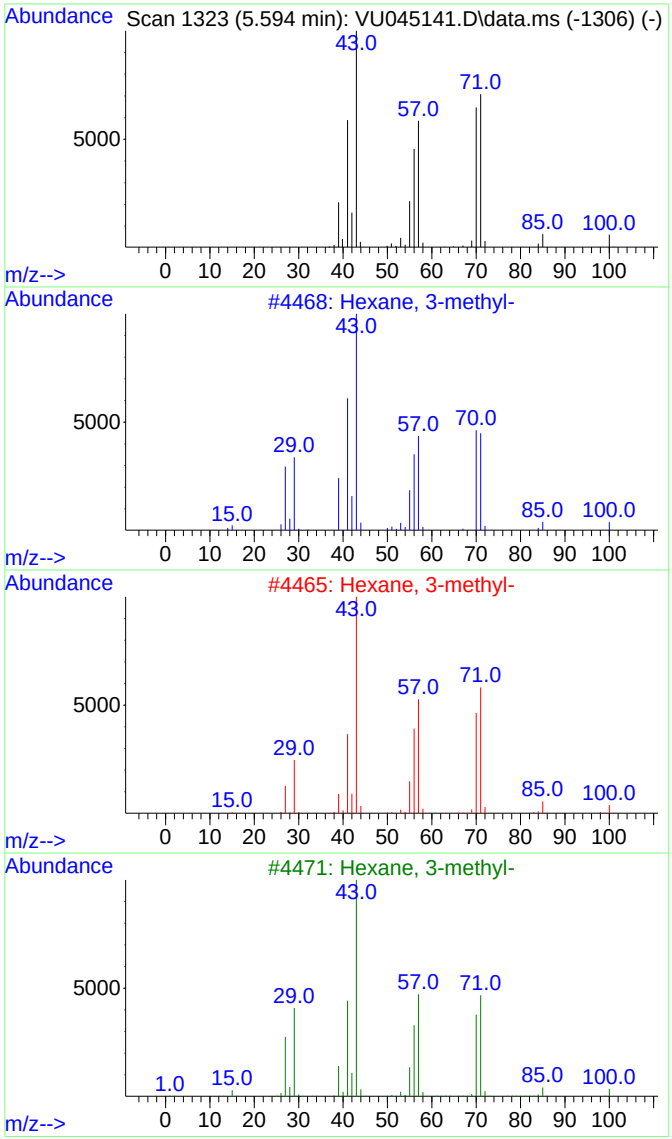
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

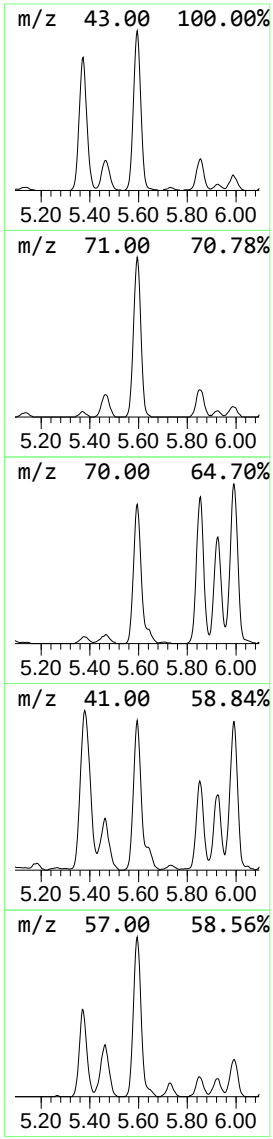
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.594	28.20 ug/L	392334	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	64
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

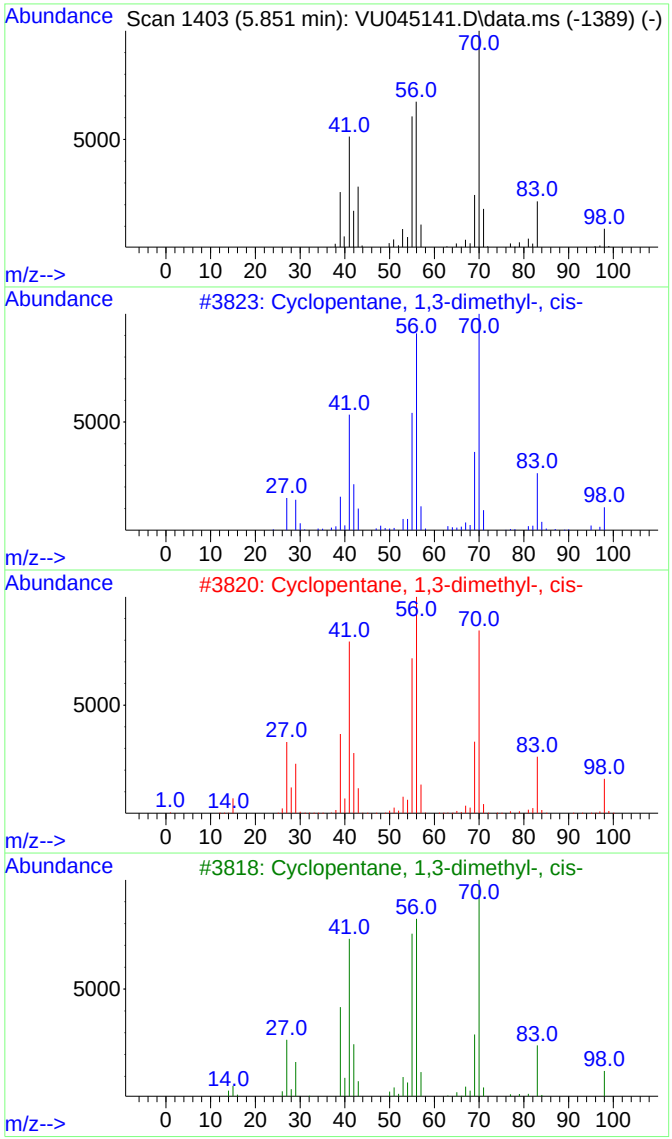
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

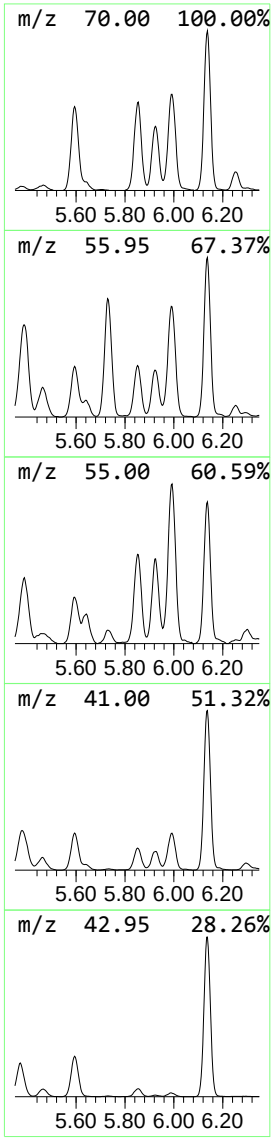
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic5.851 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.851	16.77 ug/L	233357	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	70
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	70
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	70
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

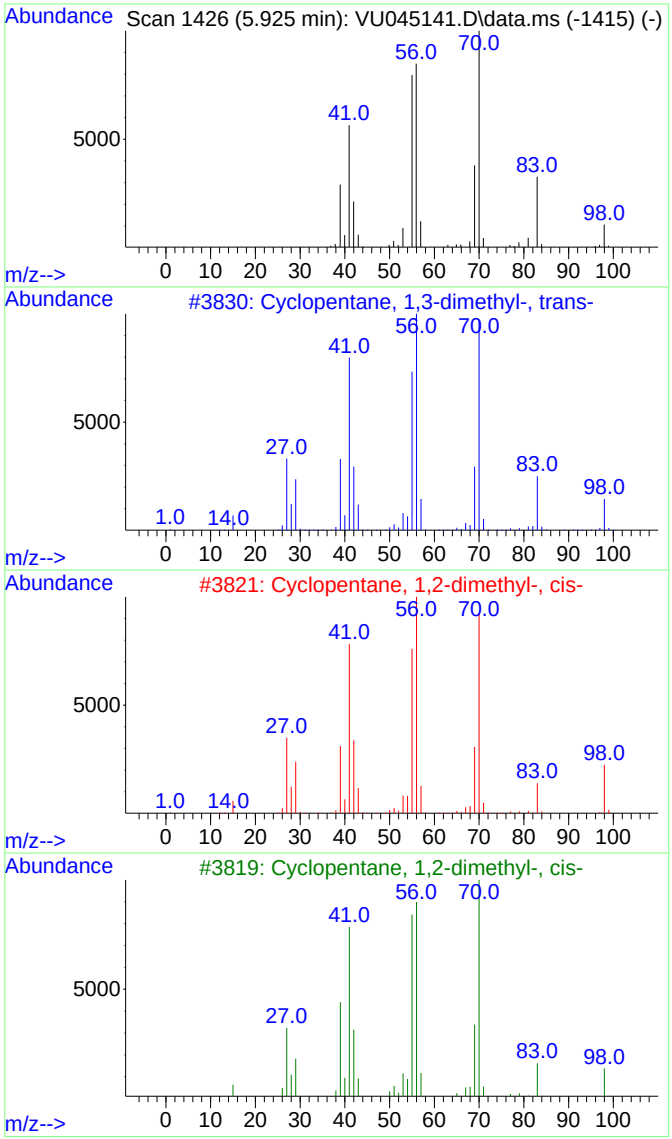
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

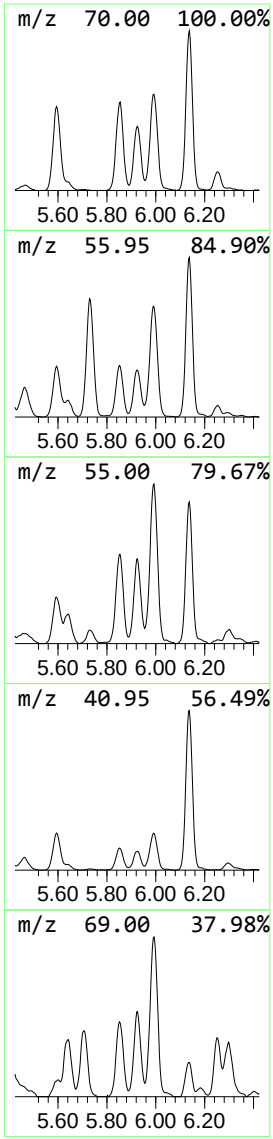
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic5.925 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.925	10.78 ug/L	149982	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

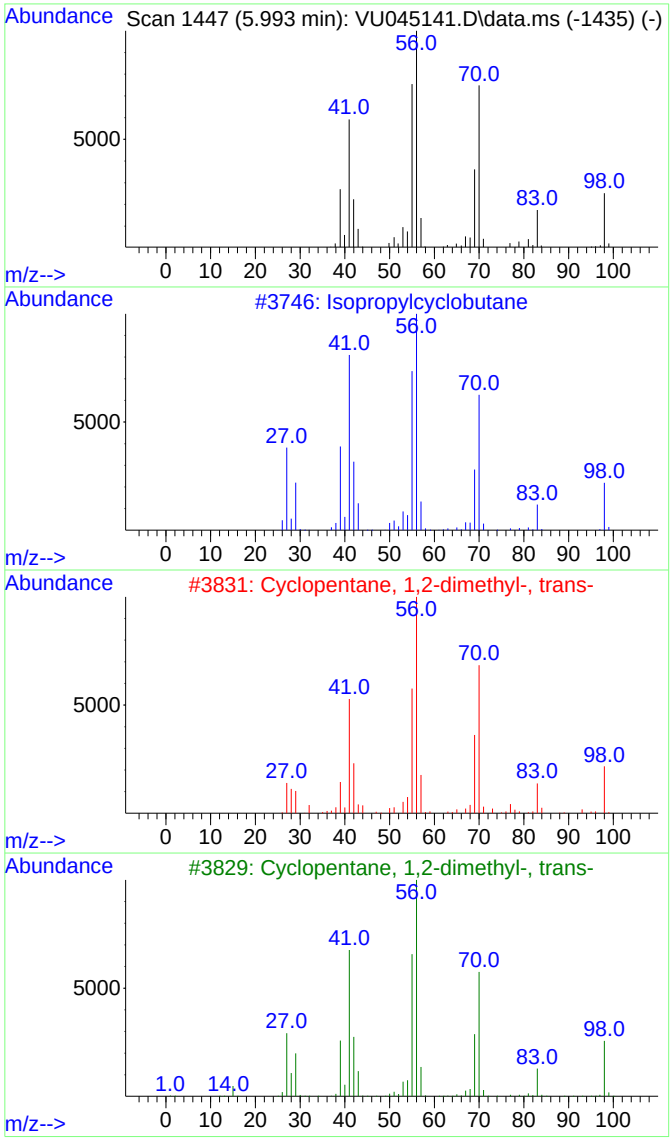
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

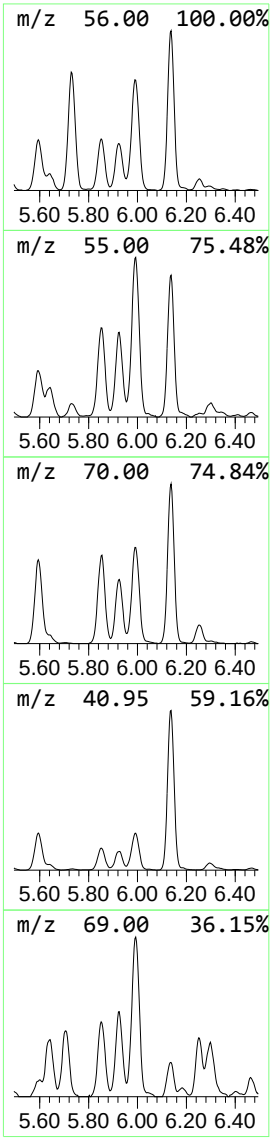
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic5.993 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.993	28.73 ug/L	399739	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	94
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

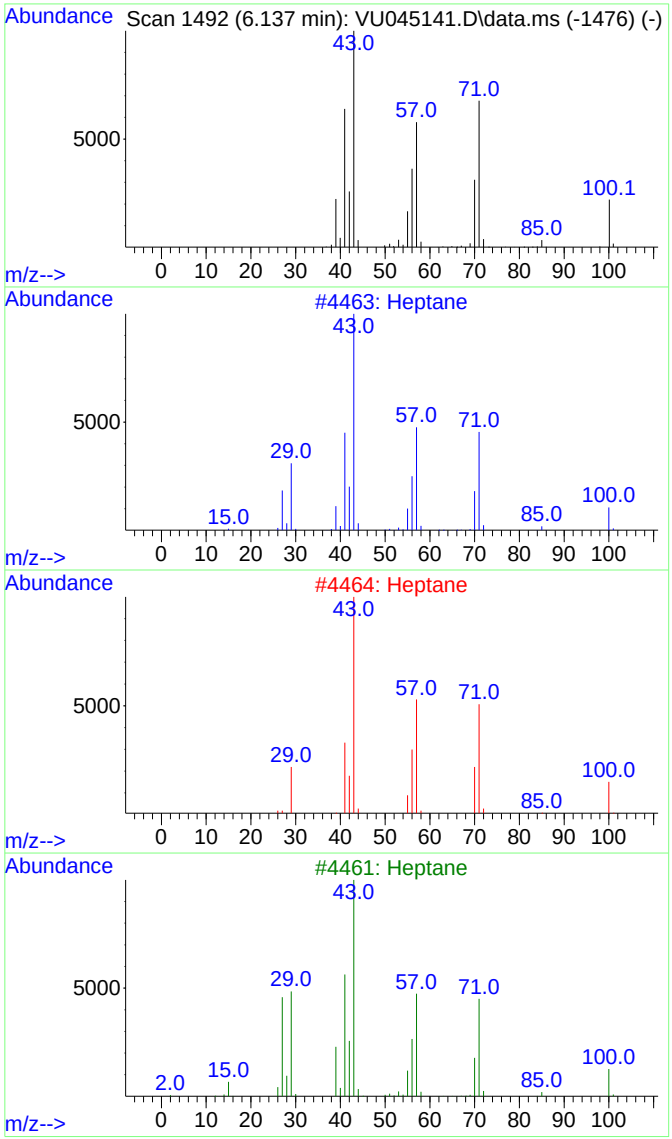
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

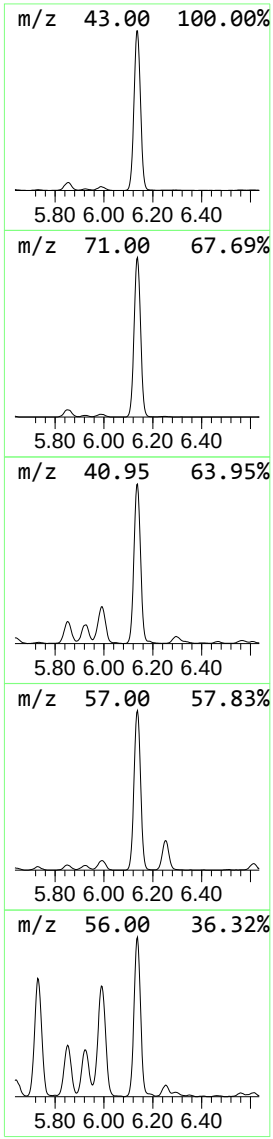
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.137	87.03 ug/L	1210850	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	78
4	Heptane	100	C7H16	000142-82-5	62
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

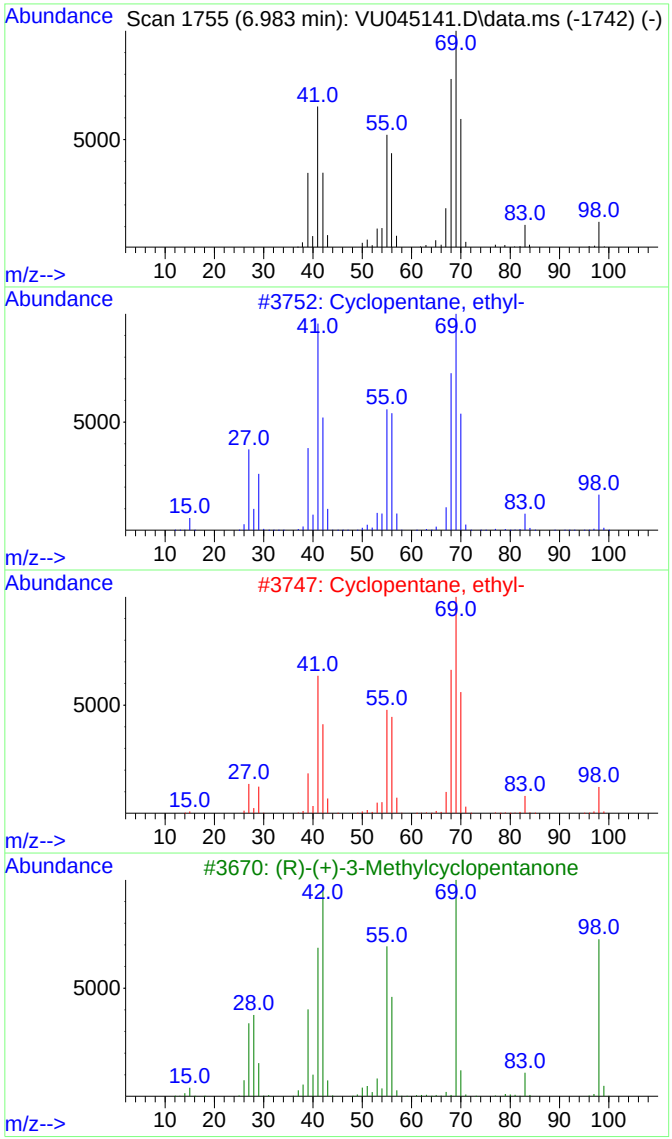
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

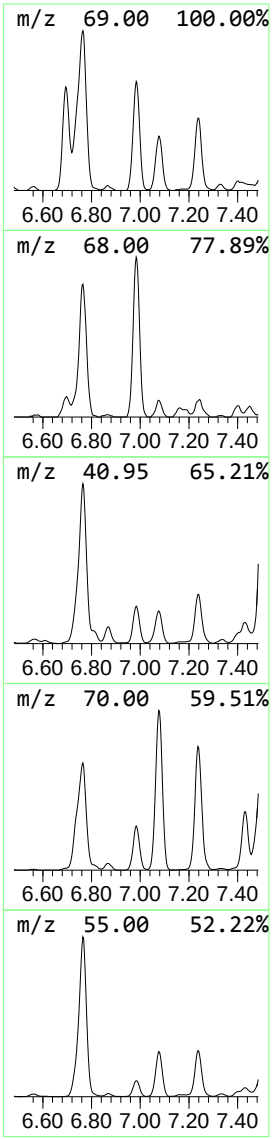
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic6.983 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.983	15.76 ug/L	219276	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	95
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	94
3	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	46
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	46
5	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

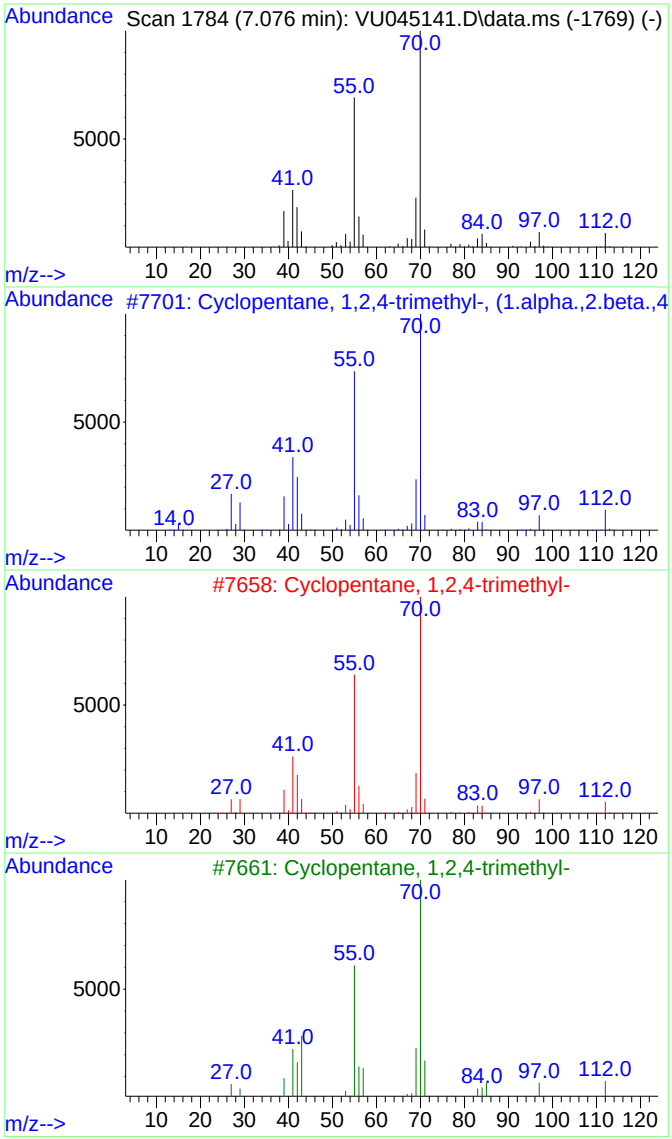
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

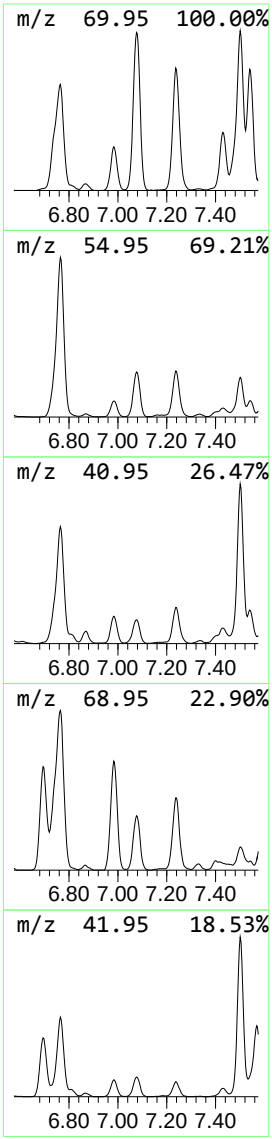
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic7.076 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.076	23.09 ug/L	321234	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

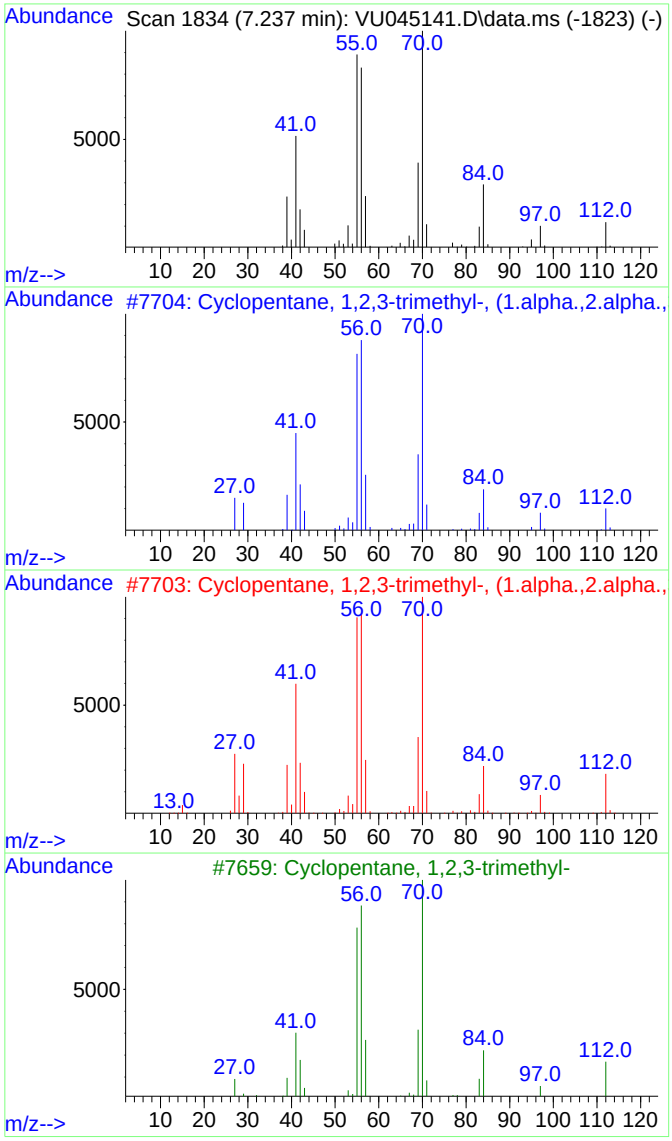
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

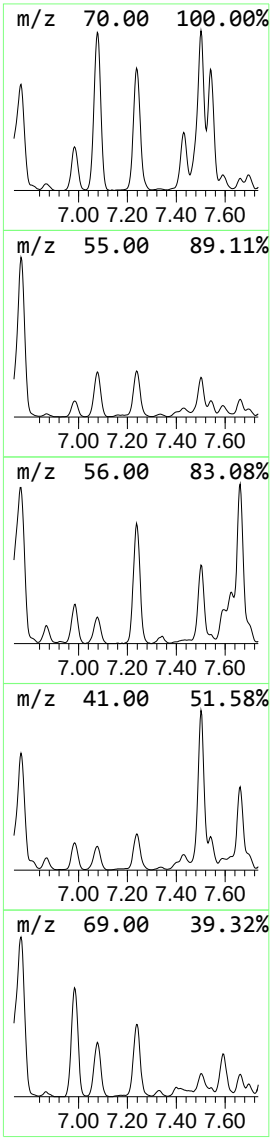
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic7.237 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.237	30.01 ug/L	417559	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	81
5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

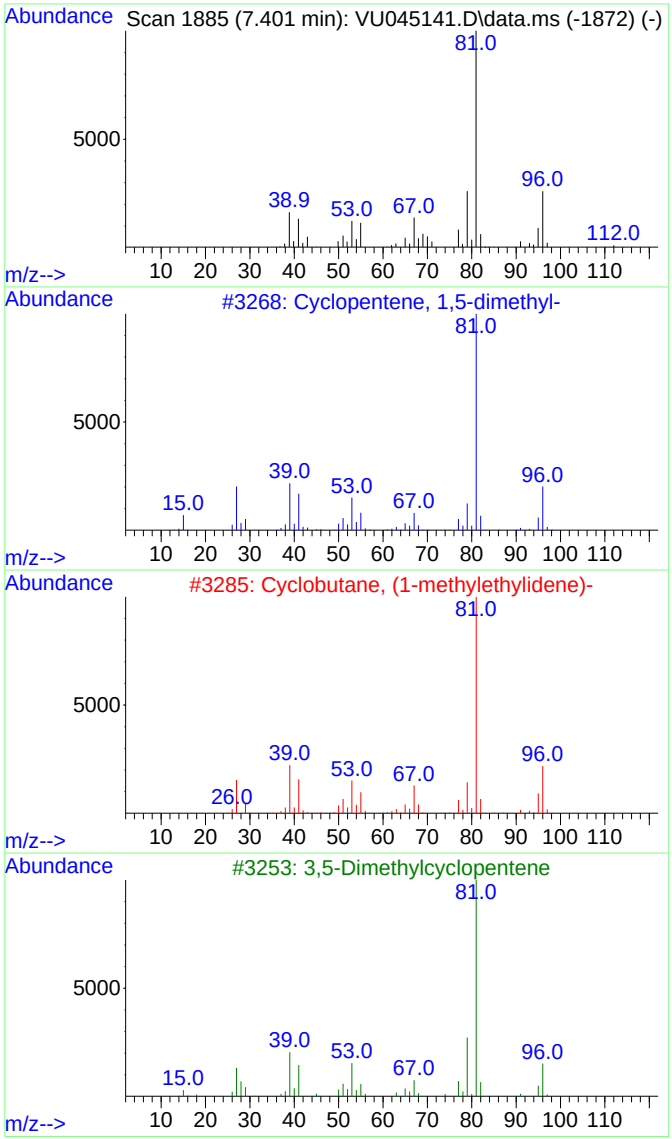
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

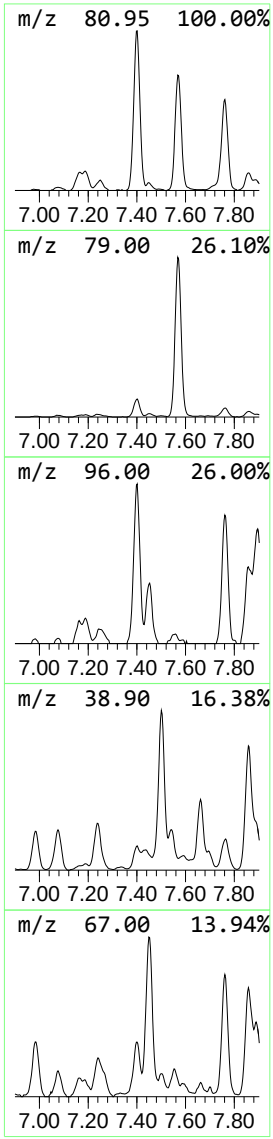
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopentene, 1,5-dimethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.401	10.56 ug/L	146984	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	90
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
3	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	86
4	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	72
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

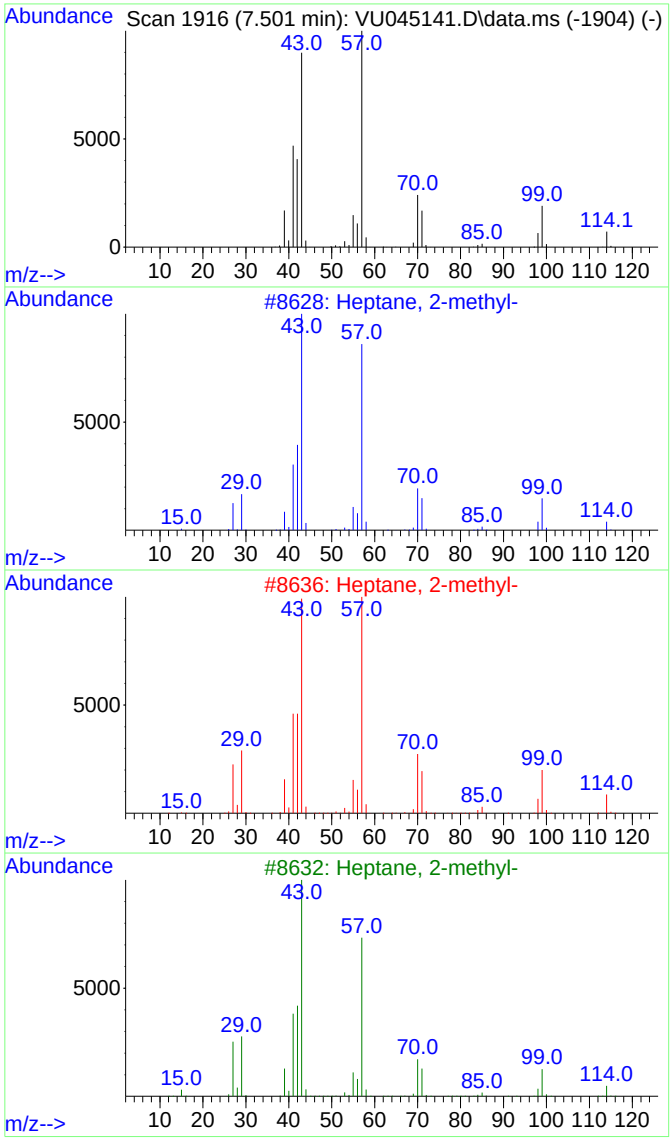
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

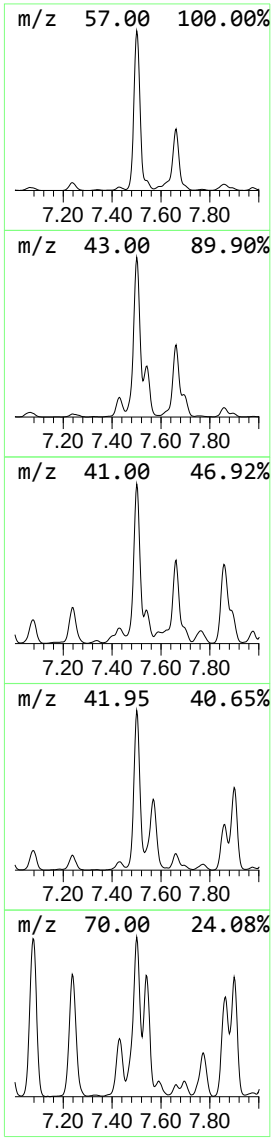
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.501	80.96 ug/L	1126470	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
5	2-Piperidinone	99	C5H9NO	000675-20-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

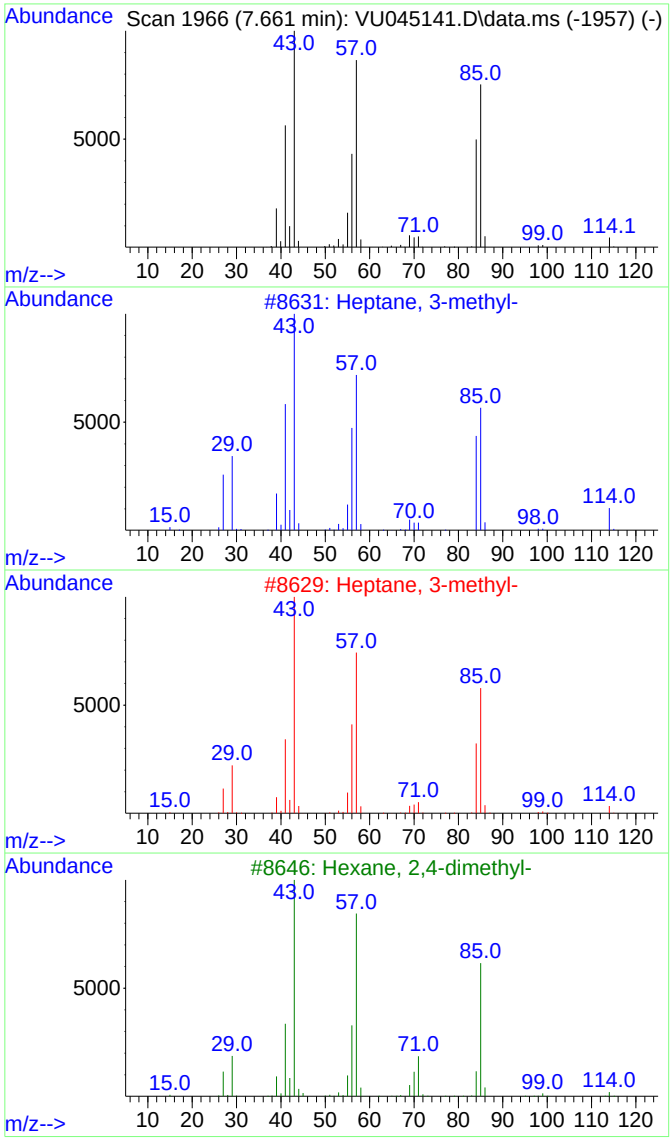
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

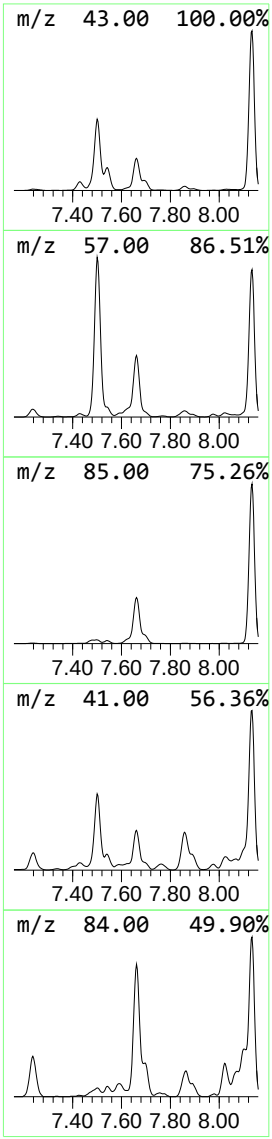
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.661	35.84 ug/L	498728	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	87
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

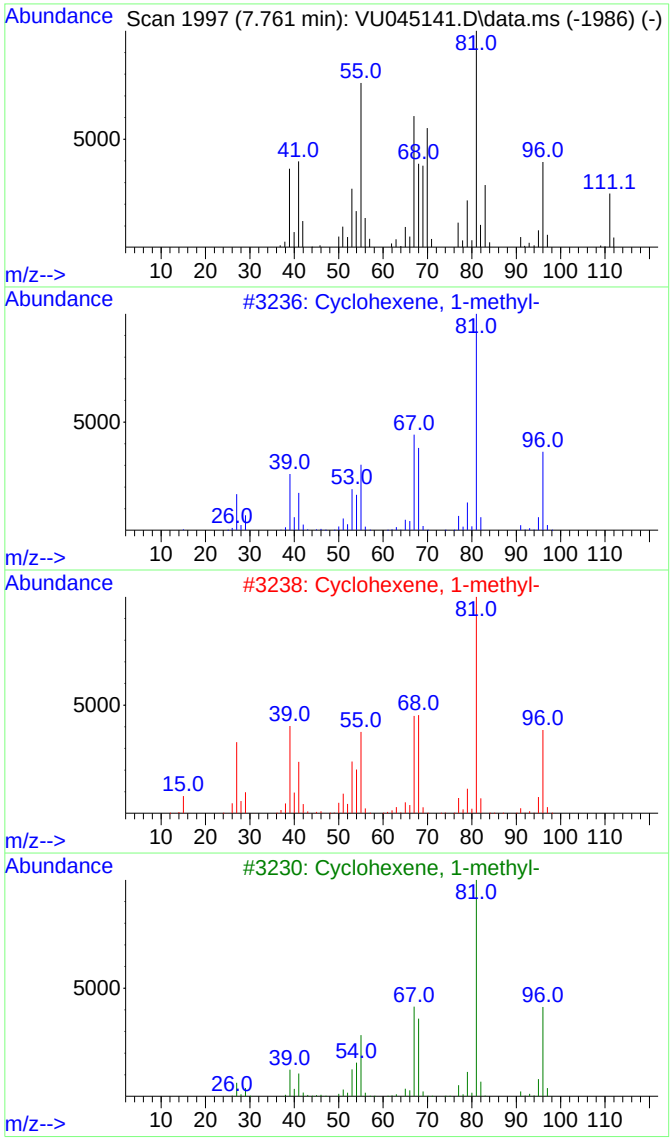
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

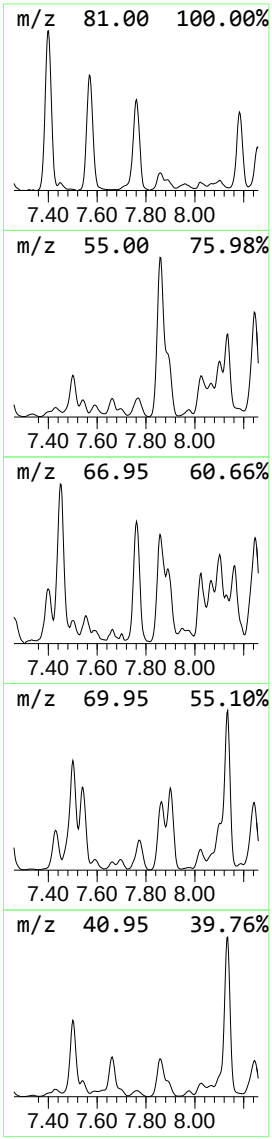
****

Peak Number 15 Cyclohexene, 1-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.761	18.14 ug/L	252391	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	91
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	60
4	Cyclohexane, methylene-	96	C7H12	001192-37-6	60
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

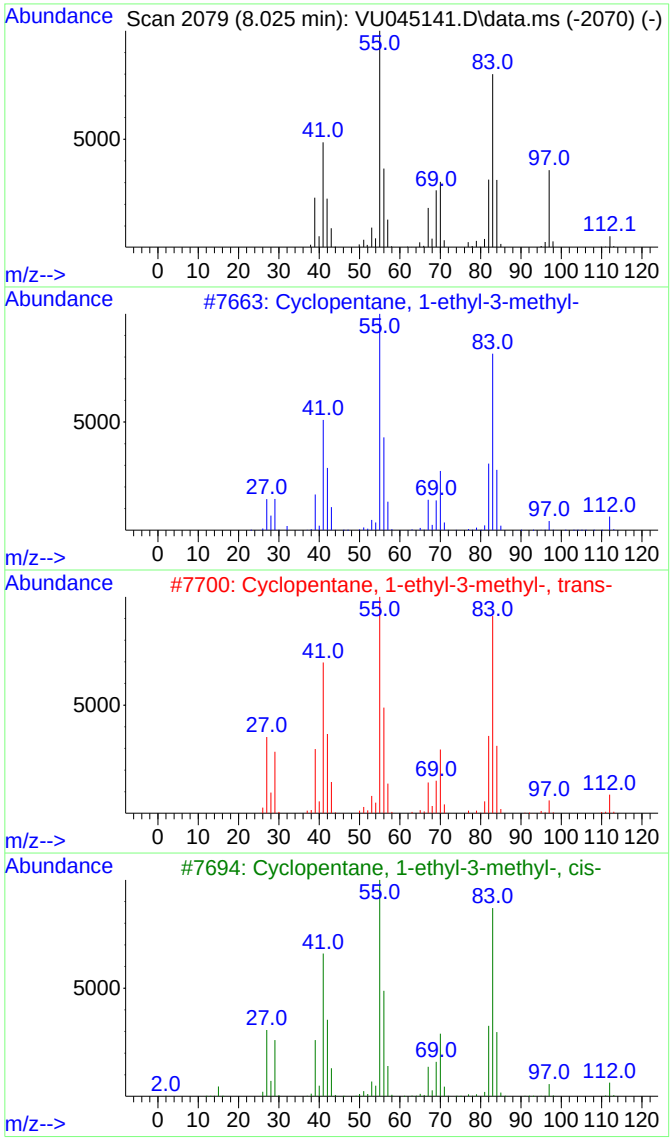
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

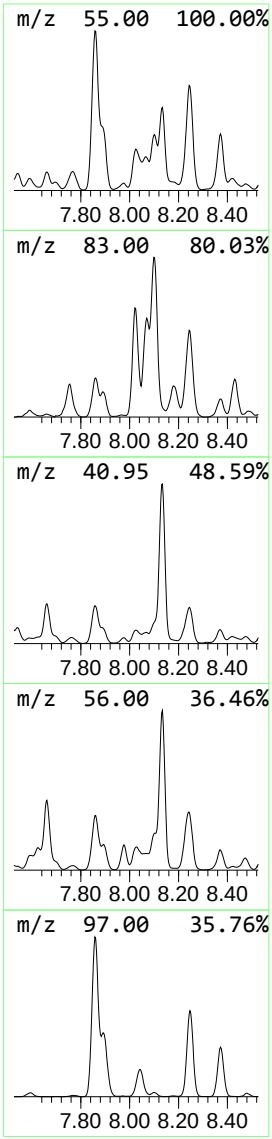
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic8.025 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.025	18.24 ug/L	294863	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	93
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	74
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	72
4	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	52
5	1-Hexyn-3-ol	98	C6H10O	000105-31-7	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

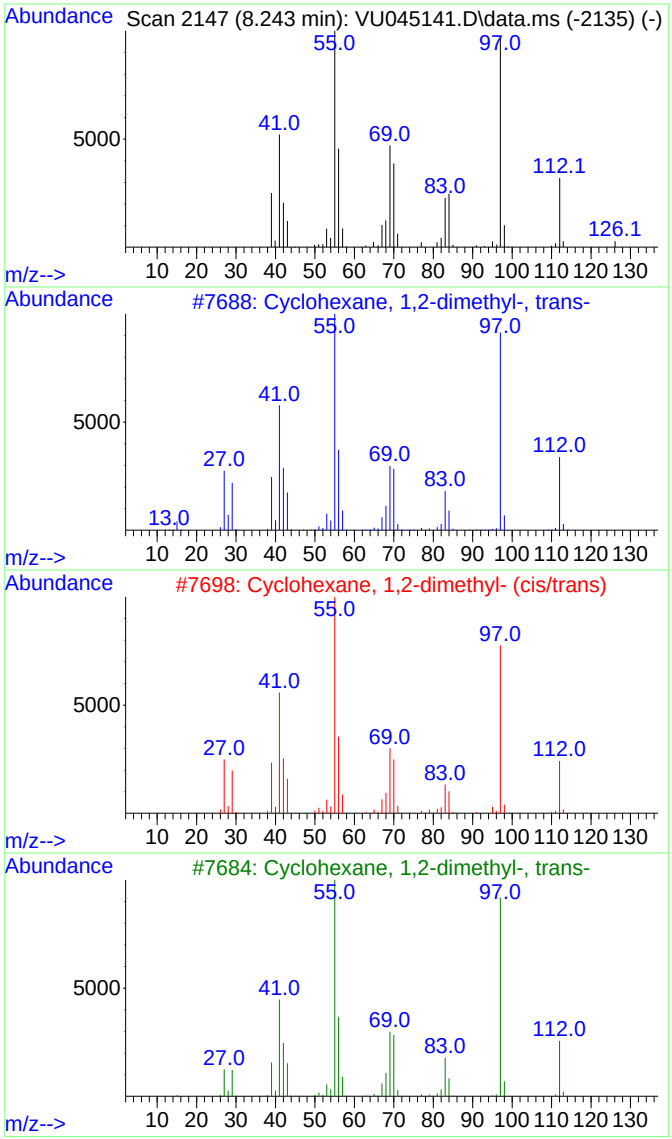
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

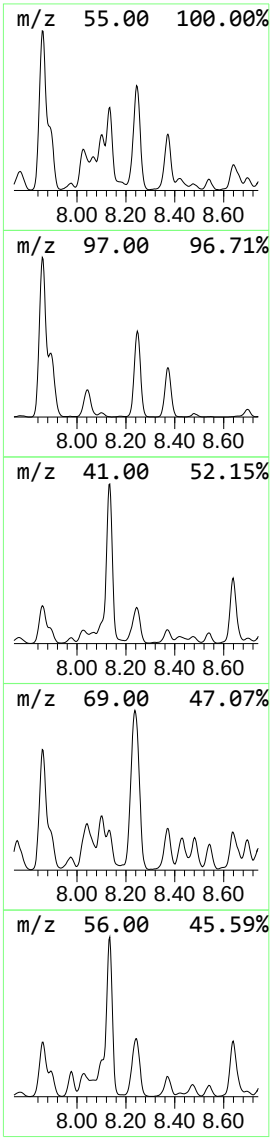
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic8.243 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.243	57.80 ug/L	934499	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	76
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

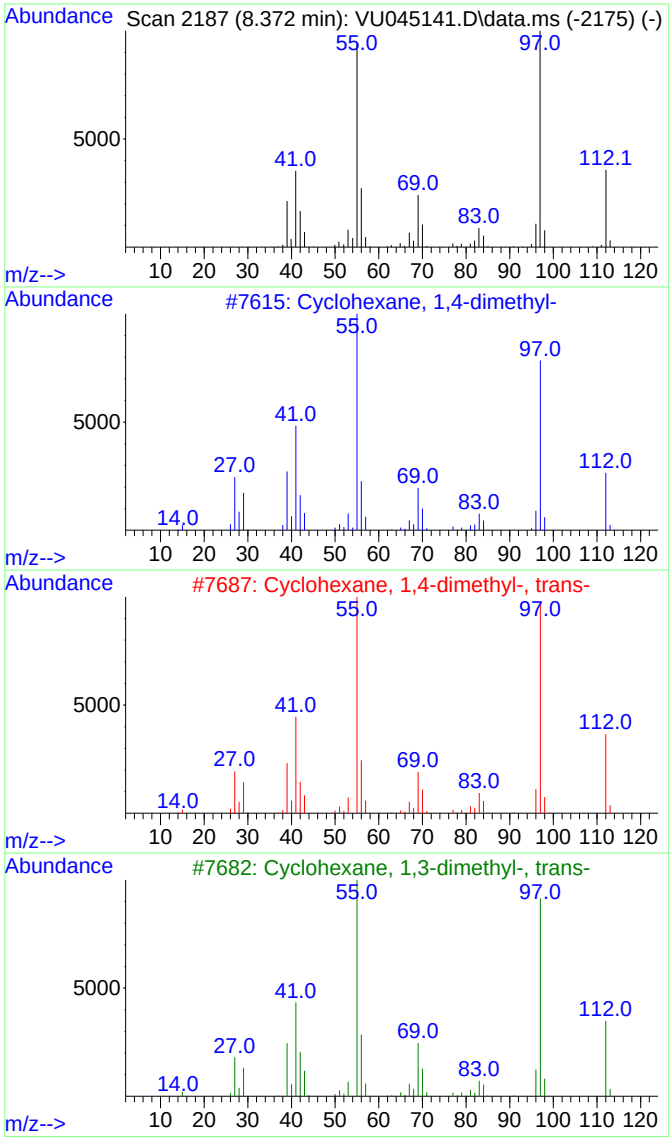
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

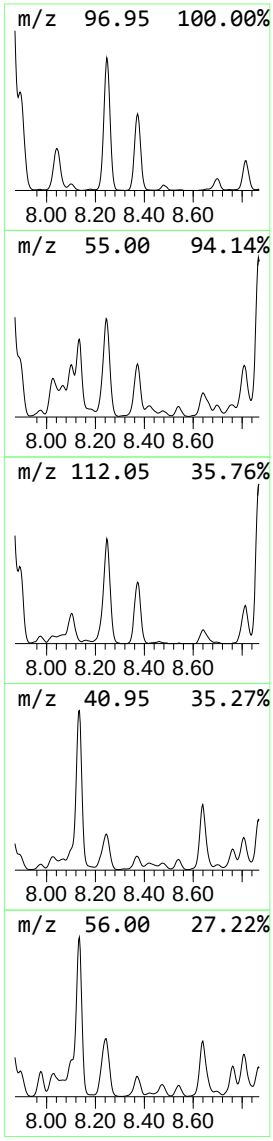
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic8.372 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.372	19.65 ug/L	317604	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	97
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	96
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	95
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

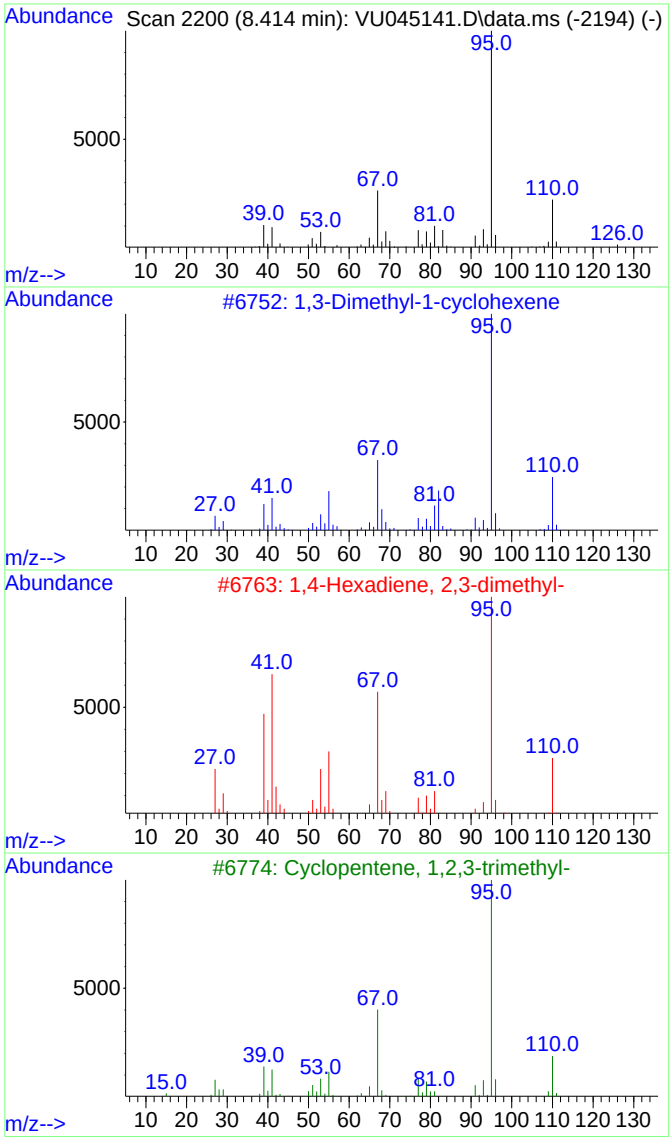
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

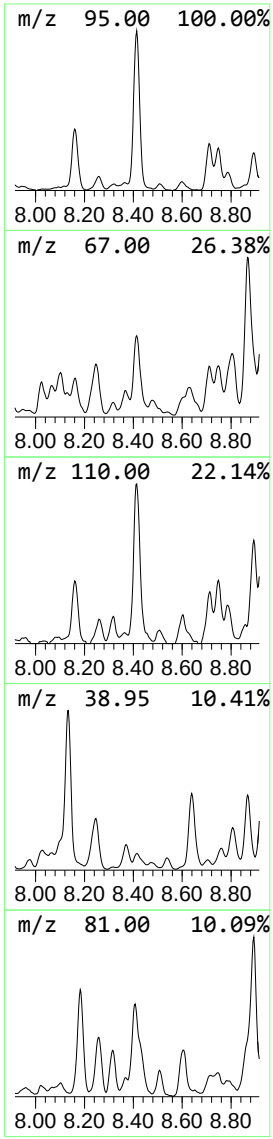
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,3-Dimethyl-1-cyclohexene Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.414	11.46 ug/L	185257	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	91
2	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	91
3	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	83
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	83
5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

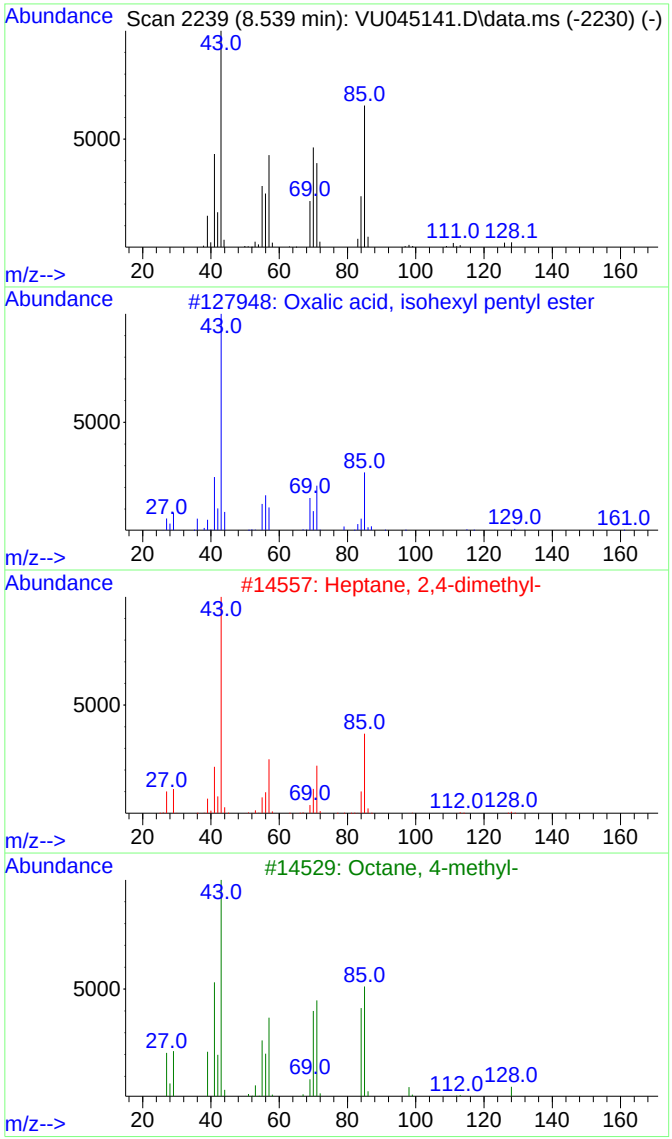
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

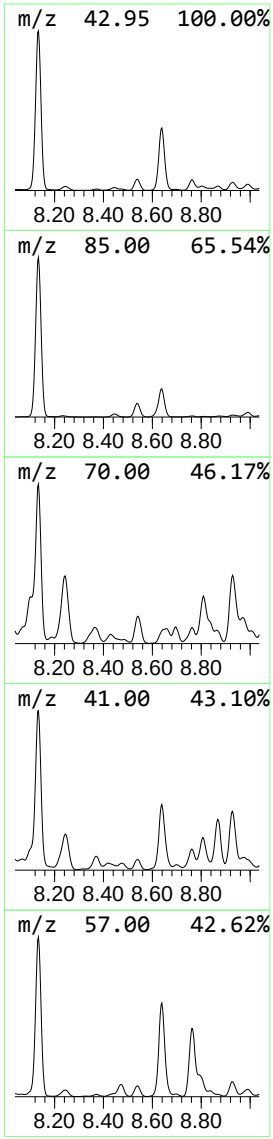
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Oxalic acid, isohexyl penty... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	12.94 ug/L	209180	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3	Octane, 4-methyl-	128	C9H20	002216-34-4	64
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

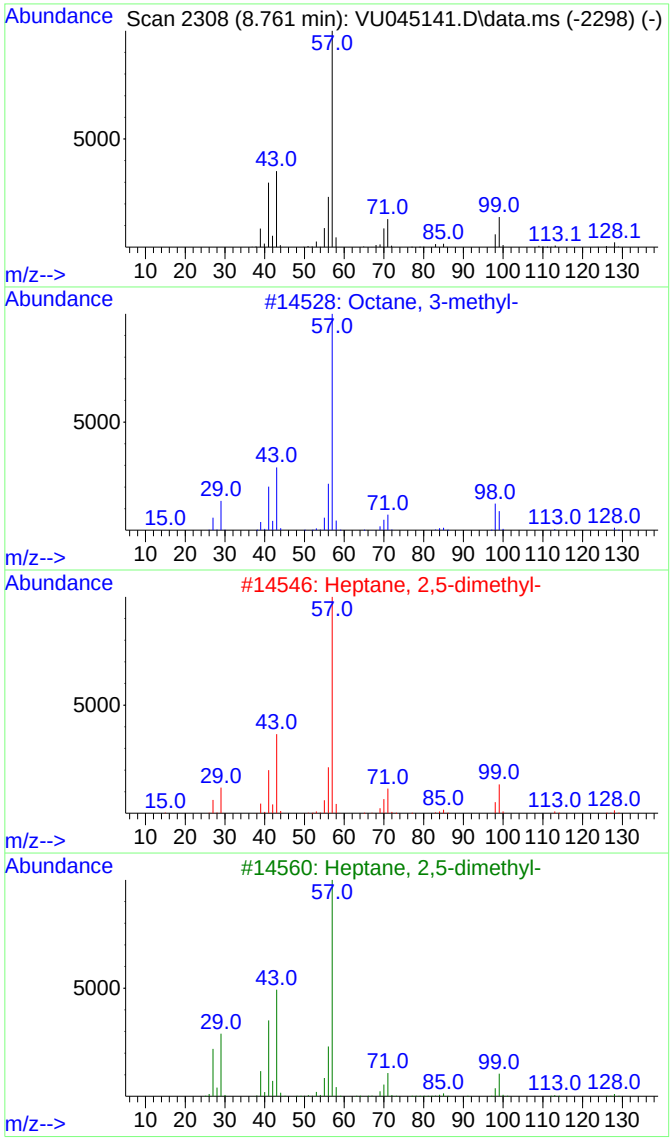
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

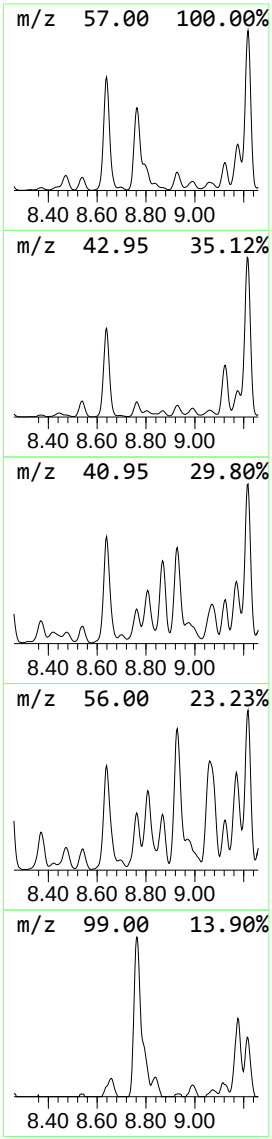
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.761	19.13 ug/L	309222	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
5	Octane, 3-methyl-	128	C9H20	002216-33-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

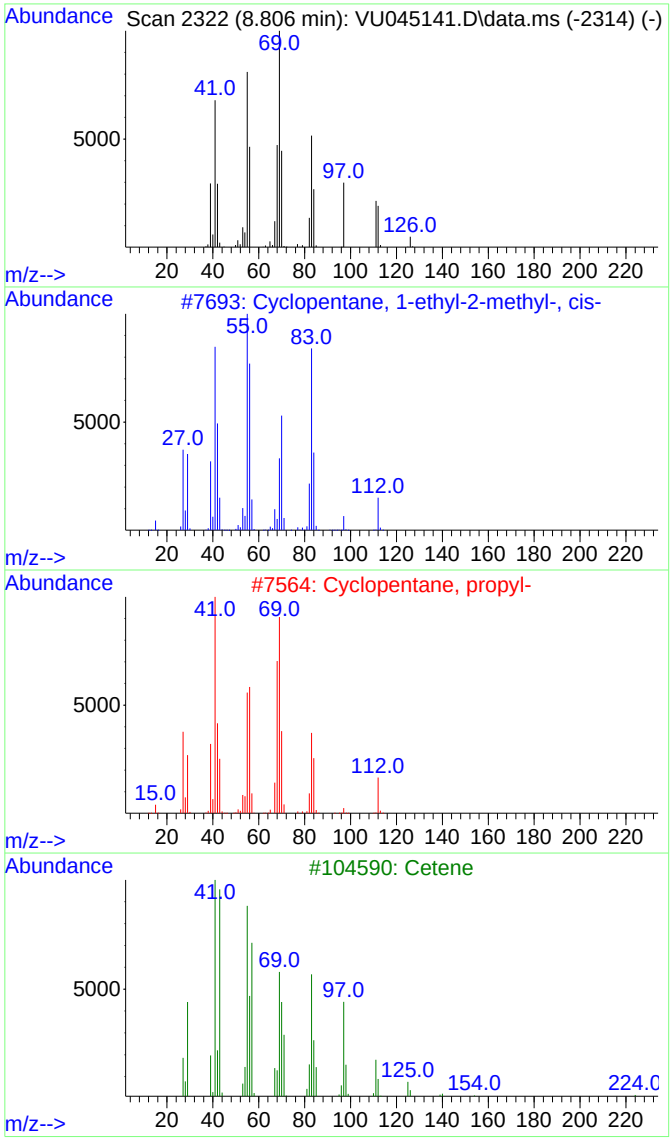
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

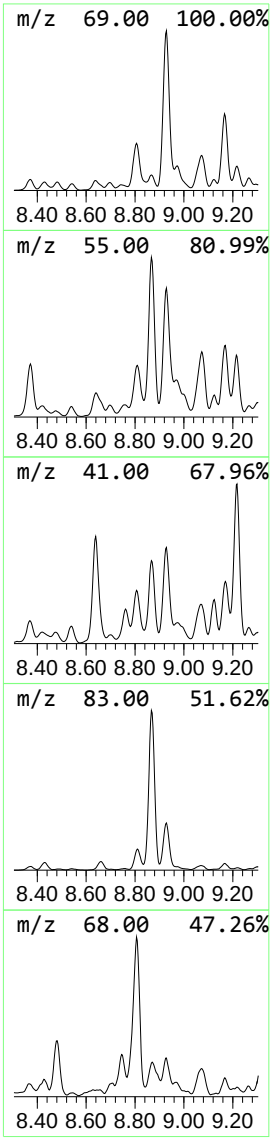
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic8.806 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.806	24.12 ug/L	389904	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	91
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	52
3	Cetene	224	C16H32	000629-73-2	47
4	Cyclopentane, ethyl-	98	C7H14	001640-89-7	47
5	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

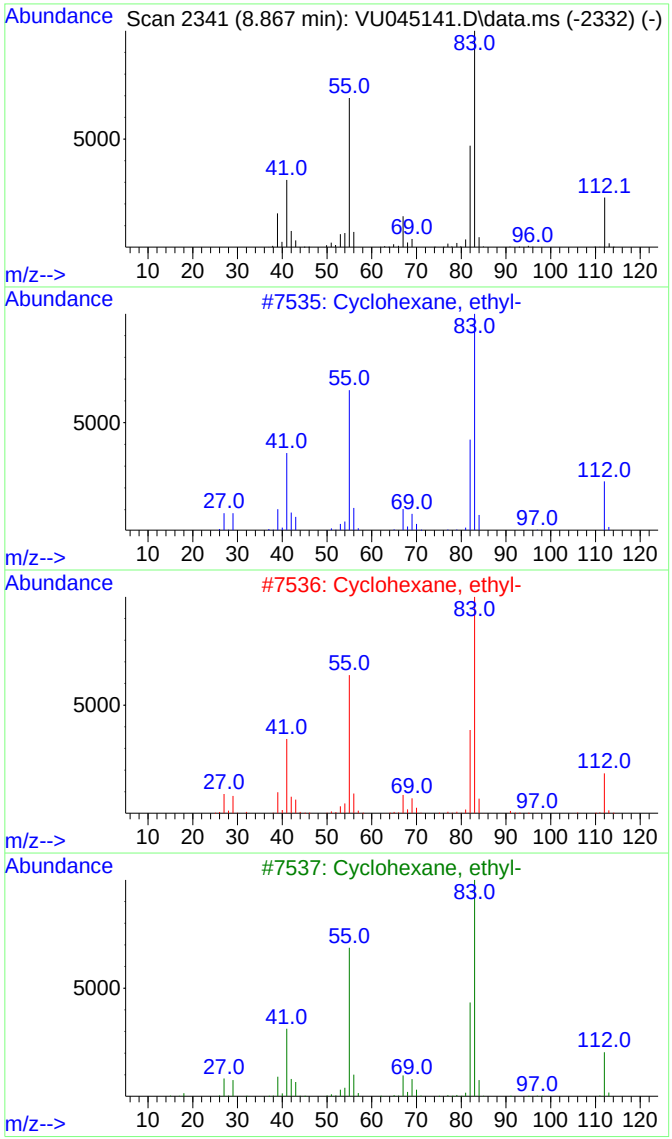
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

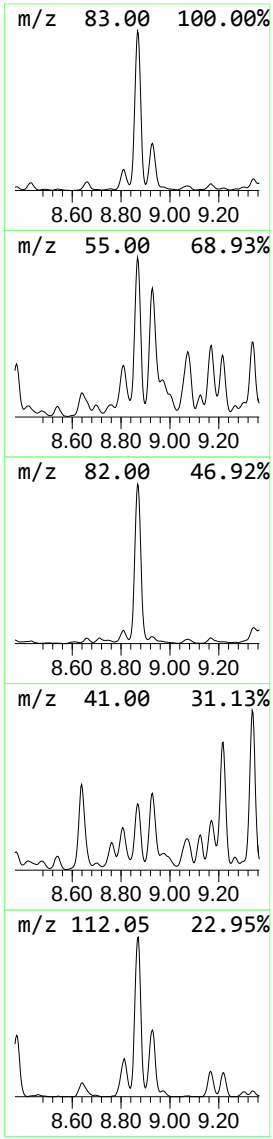
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic8.867 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.867	50.28 ug/L	812848	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

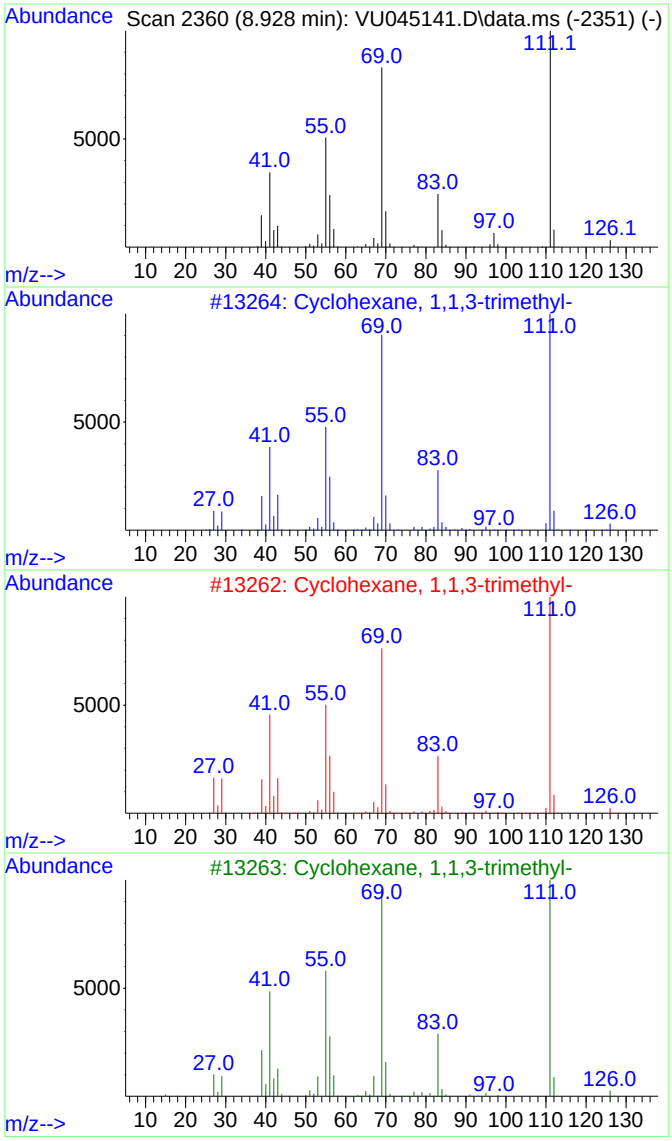
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

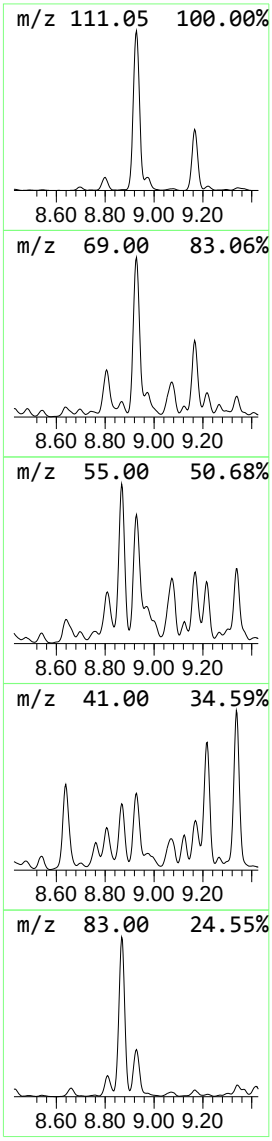
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic8.928 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	69.09 ug/L	1116940	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

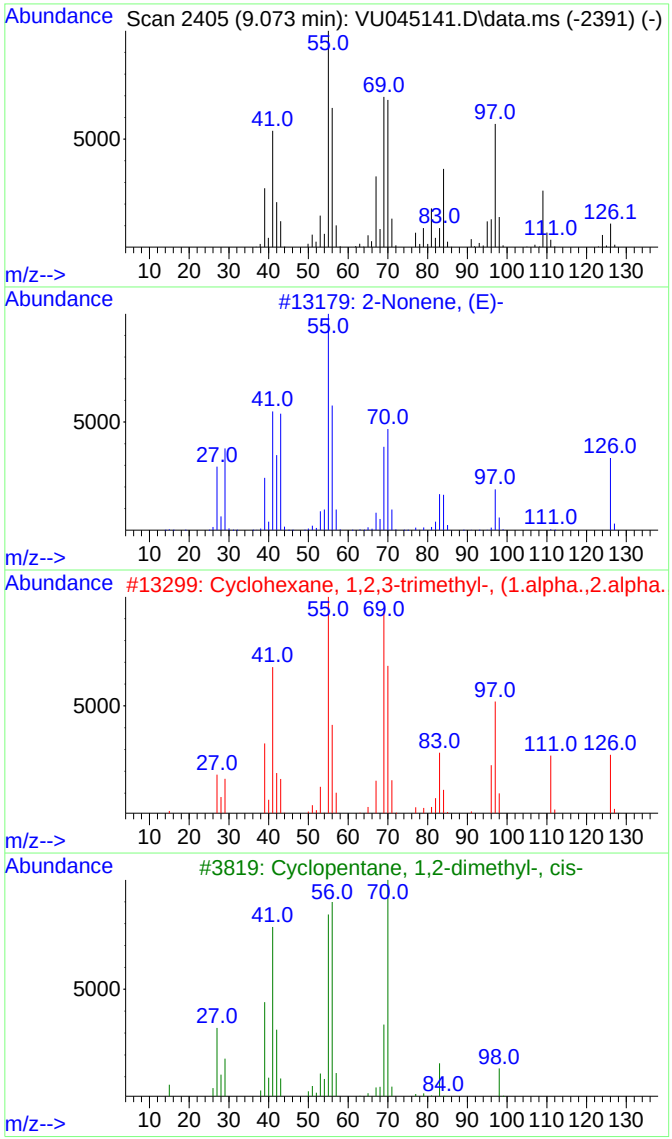
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

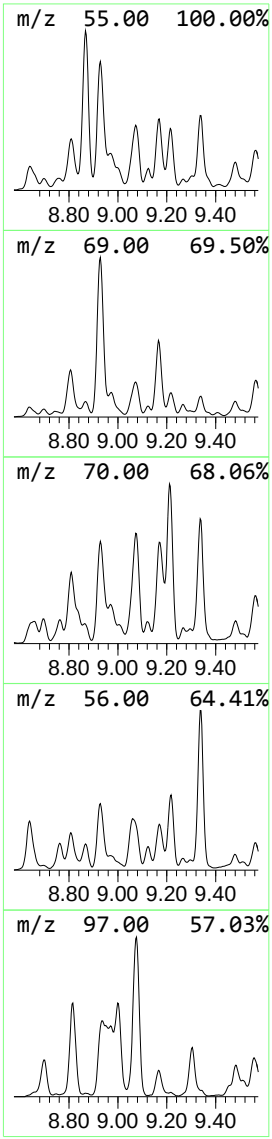
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.073	41.87 ug/L	676824	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonene, (E)-	126	C9H18	006434-78-2	53
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	46
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	42
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	42
5	Isopropylcyclobutane	98	C7H14	000872-56-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

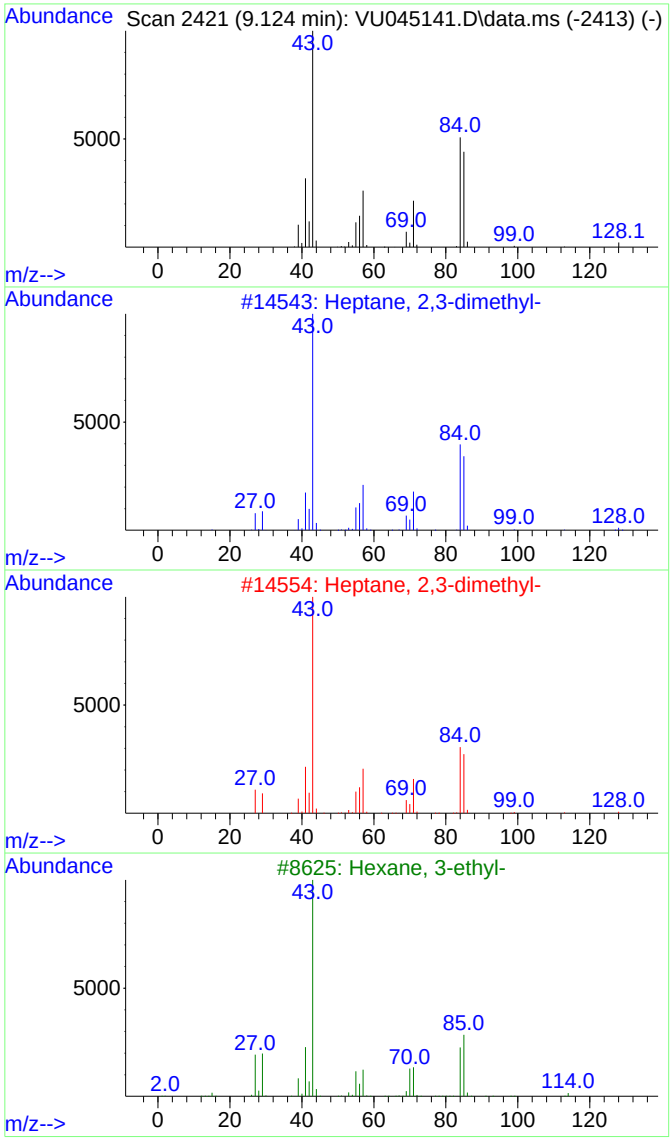
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

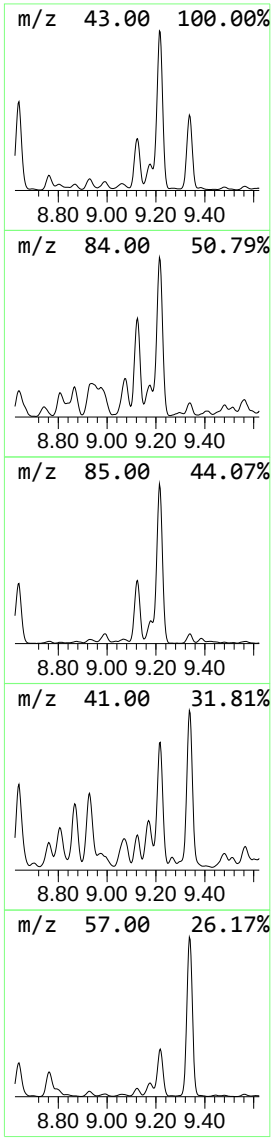
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.124	25.53 ug/L	412728	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	83
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

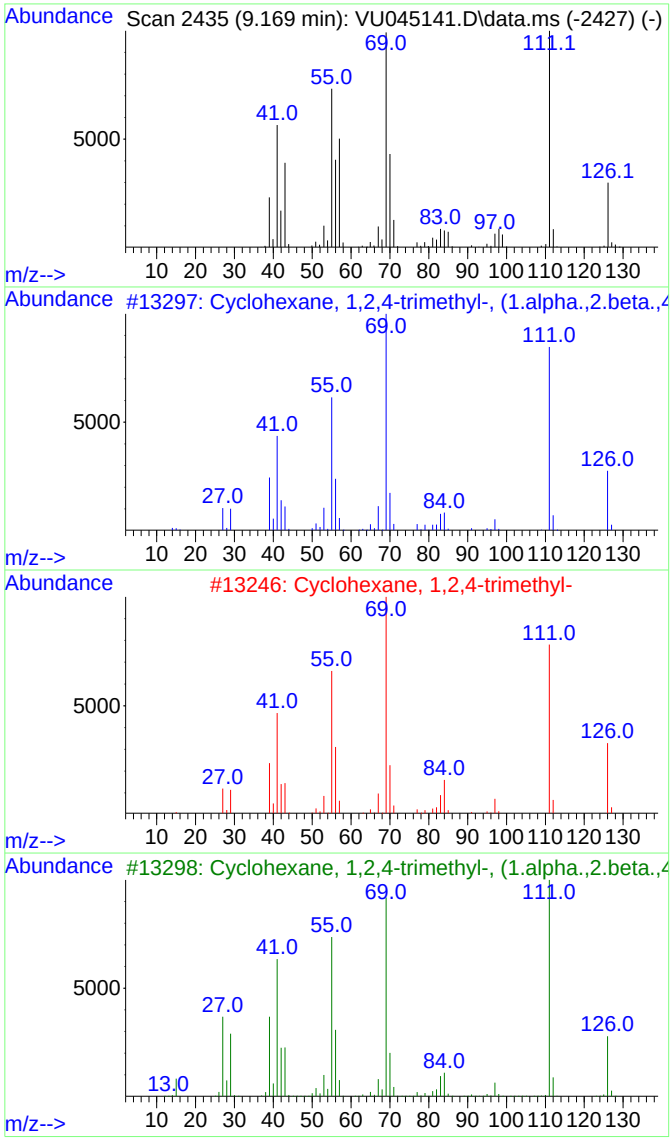
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

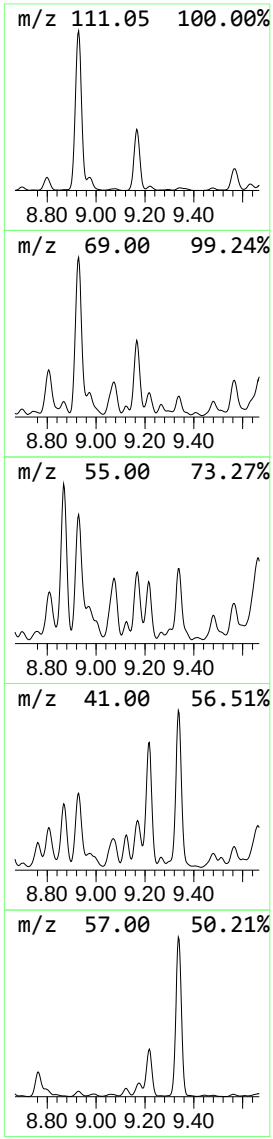
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic9.169 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	50.39 ug/L	814627	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	74
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

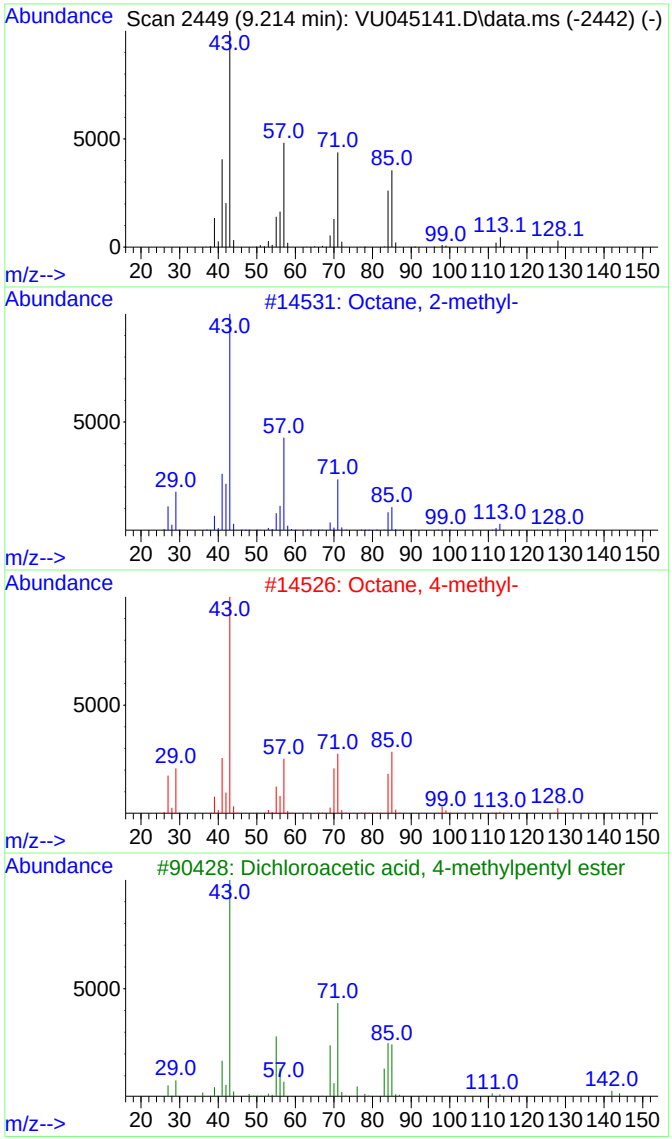
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

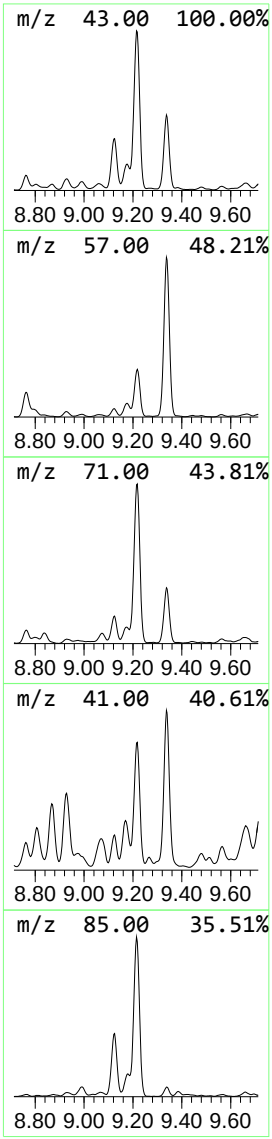
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.214	101.67 ug/L	1643670	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	72
2	Octane, 4-methyl-	128	C9H20	002216-34-4	64
3	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	64
4	2-Methylpentyl formate	130	C7H14O2	381670-34-4	59
5	Octane, 4-methyl-	128	C9H20	002216-34-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

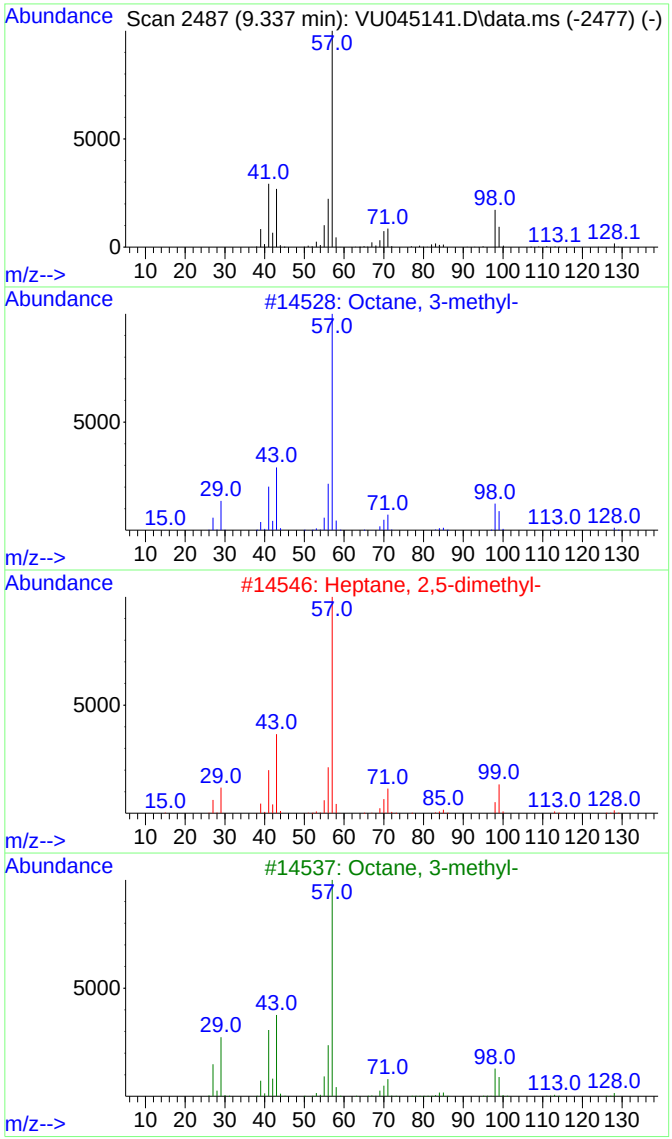
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

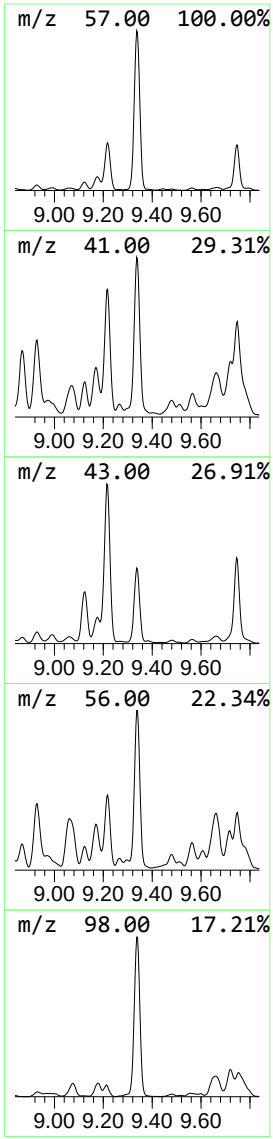
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.337	117.94 ug/L	1906620	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
3	Octane, 3-methyl-	128	C9H20	002216-33-3	87
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
5	Octane, 3-methyl-	128	C9H20	002216-33-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

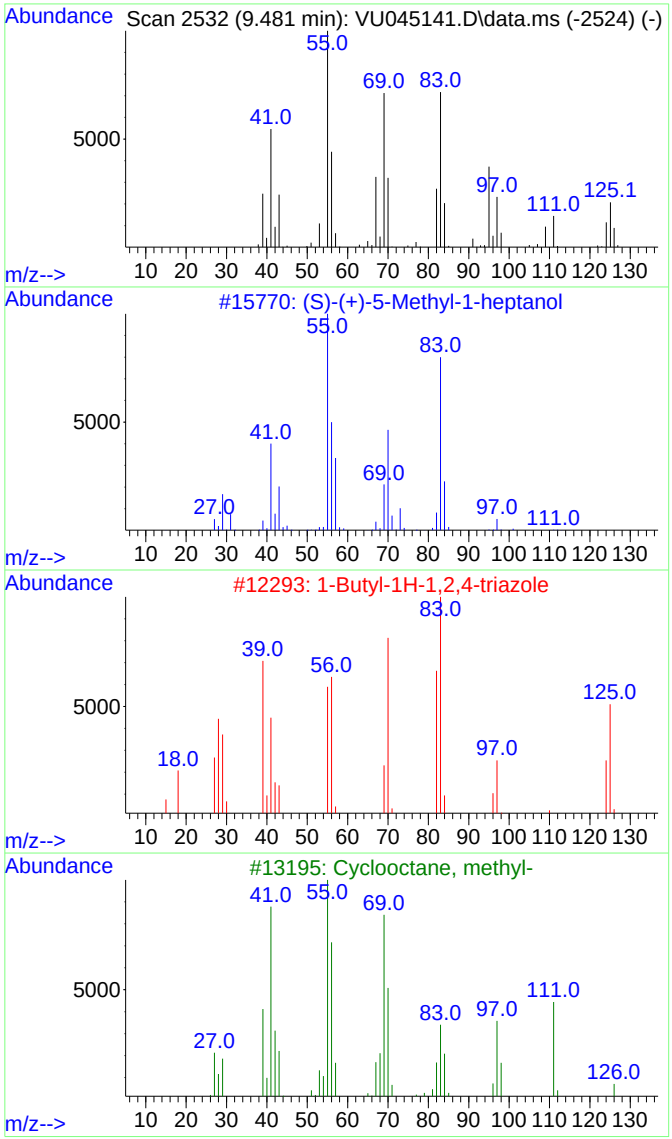
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

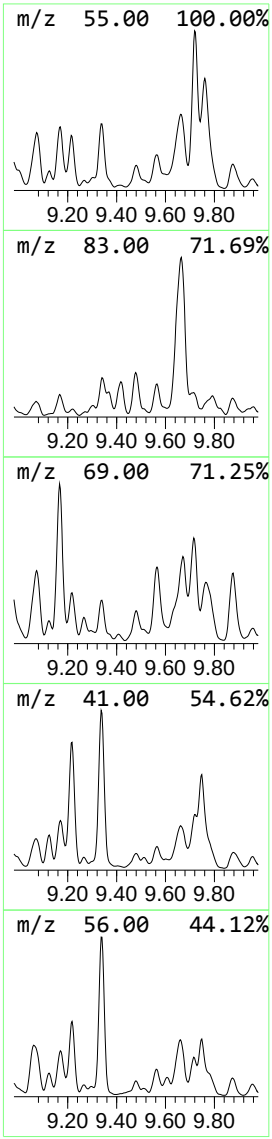
****

Peak Number 30 unknown-01 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	8.29 ug/L	134013	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	38
2	1-Butyl-1H-1,2,4-triazole	125	C6H11N3	006086-22-2	38
3	Cyclooctane, methyl-	126	C9H18	001502-38-1	30
4	1,7-Octadiene, 2,3,3-trimethyl-	152	C11H20	1000150-47-7	27
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

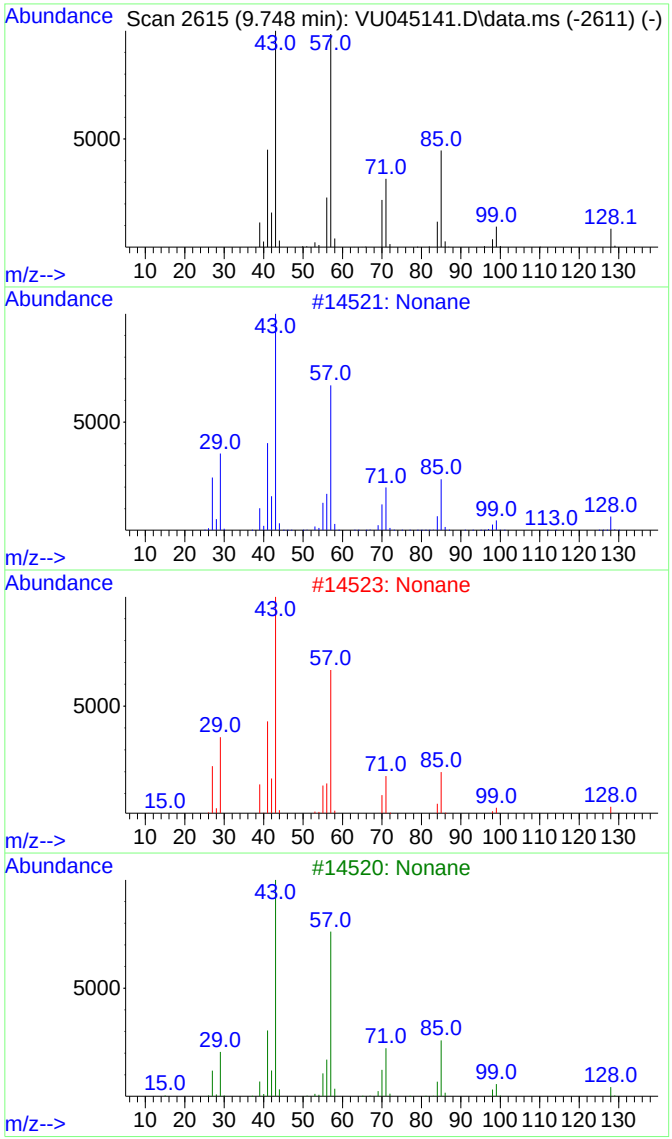
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

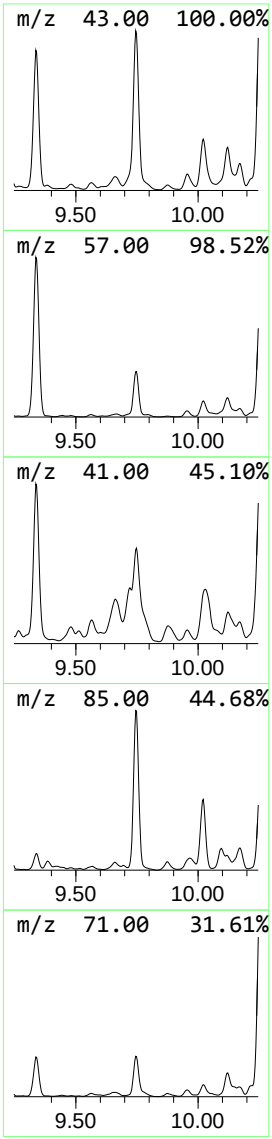
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.748	103.24 ug/L	1669020	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	94
2	Nonane	128	C9H20	000111-84-2	91
3	Nonane	128	C9H20	000111-84-2	81
4	Nonane	128	C9H20	000111-84-2	68
5	Octane	114	C8H18	000111-65-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

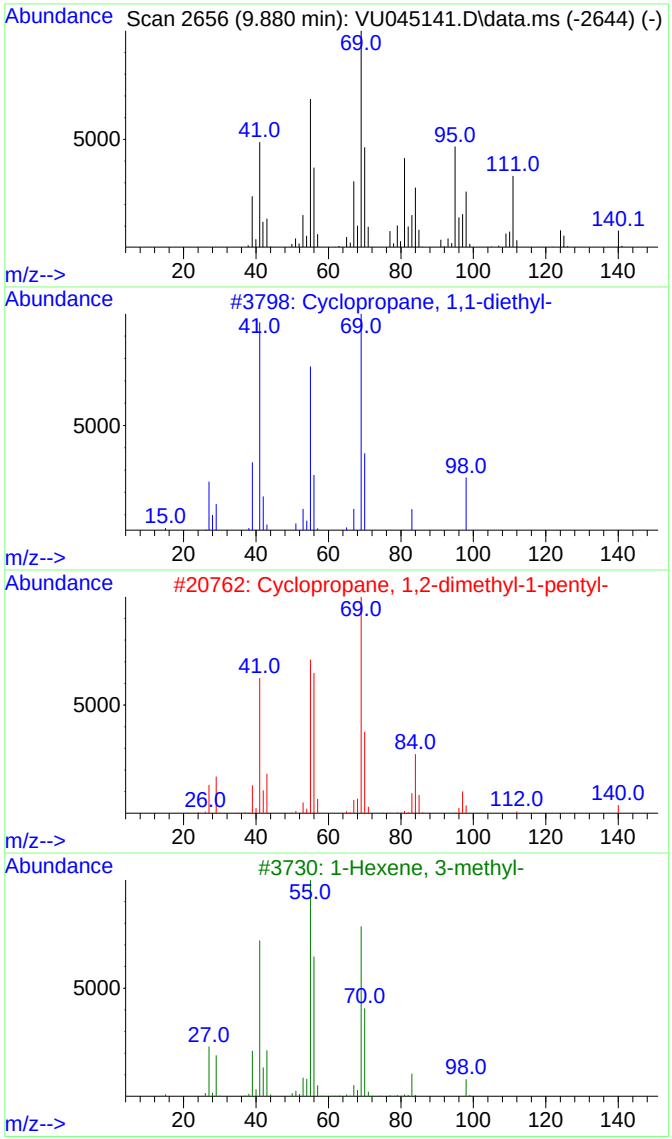
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

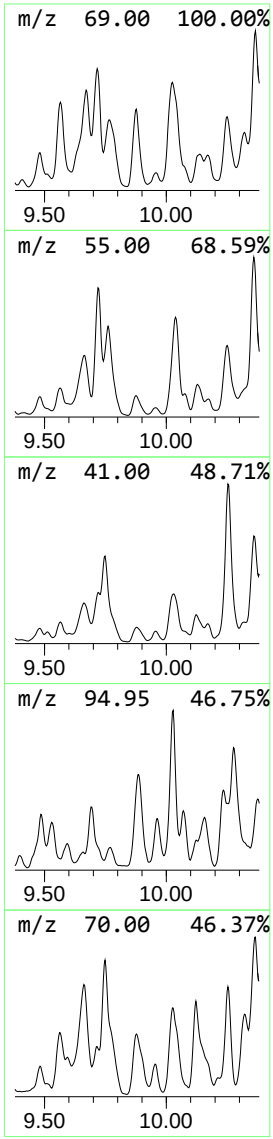
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Cyclic9.880 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.880	30.19 ug/L	488015	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	60
2	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	49
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	43
4	(S)-3-Ethyl-4-methylpentanol	130	C8H18O	1000144-07-1	43
5	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

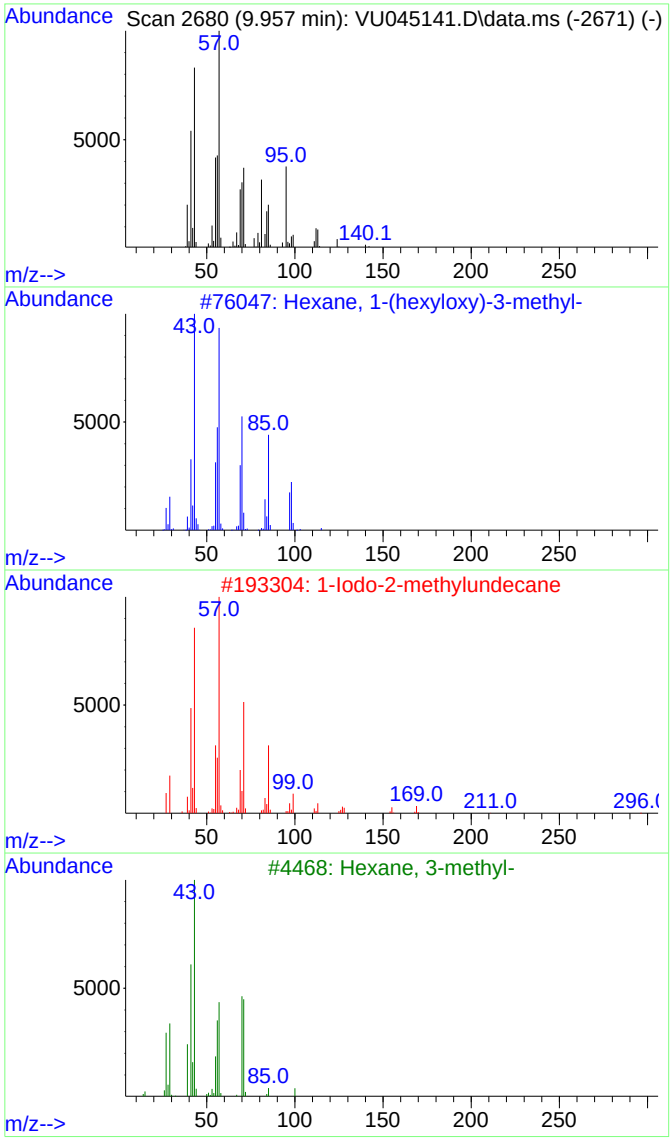
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

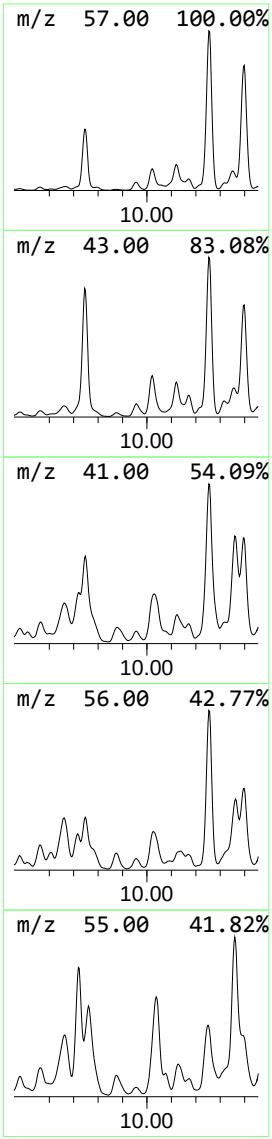
****

Peak Number 33 unknown-02 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	10.34 ug/L	167144	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	43
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	38
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	38
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

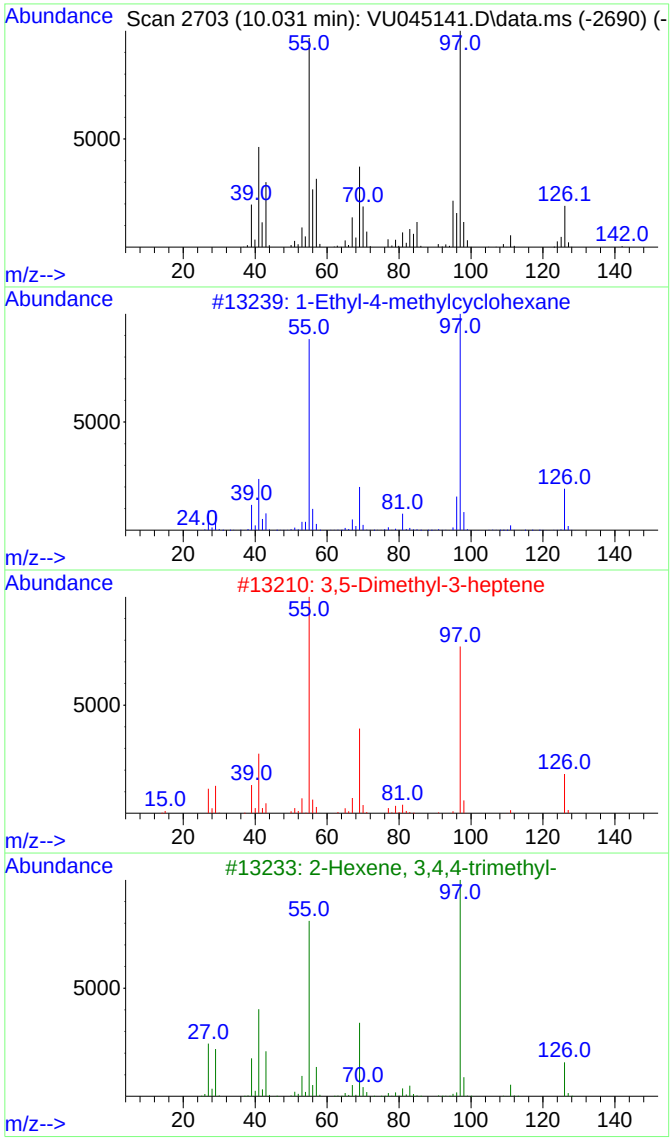
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

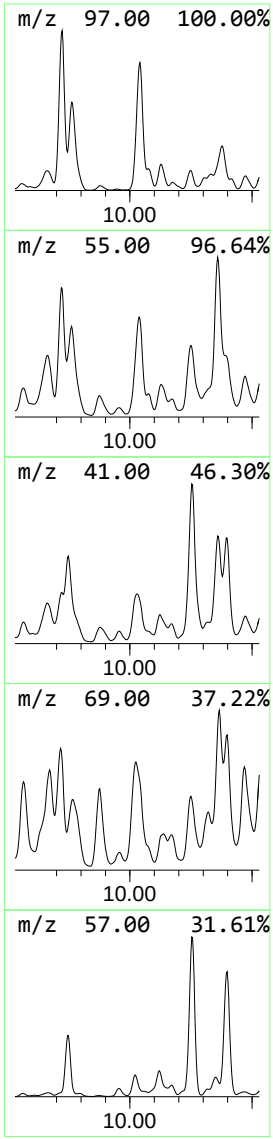
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Cyclic10.031 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.031	93.37 ug/L	1509390	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64
3	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	62
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58
5	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

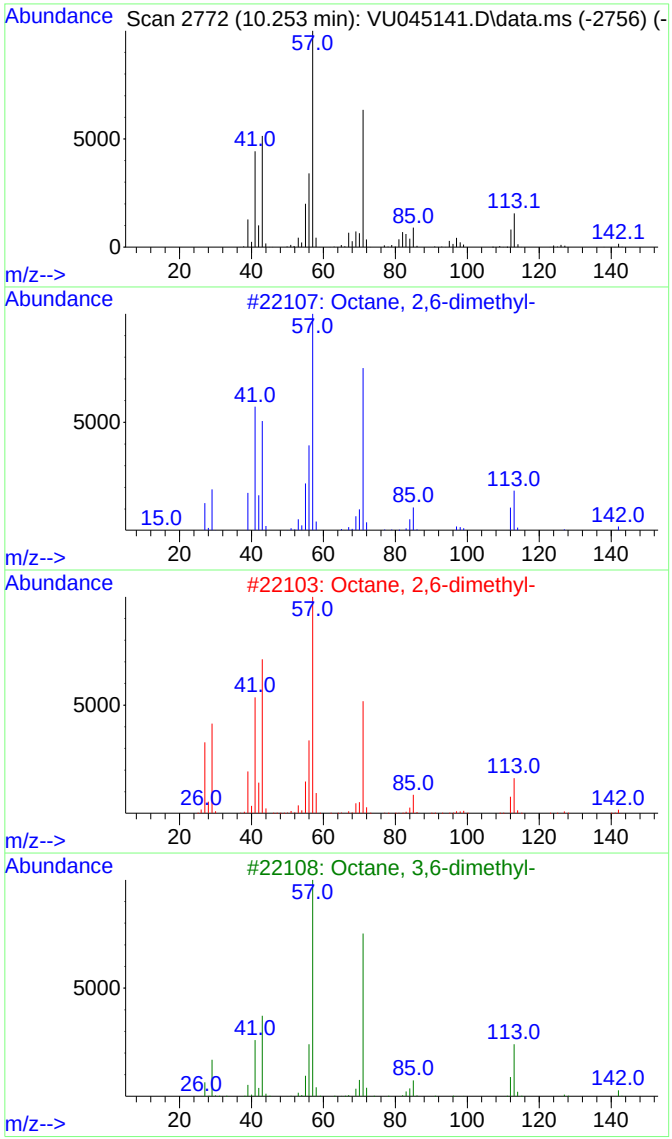
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

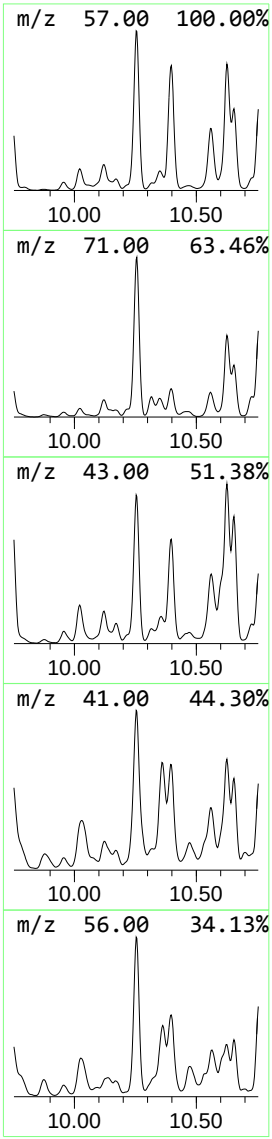
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.253	194.33 ug/L	3141680	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

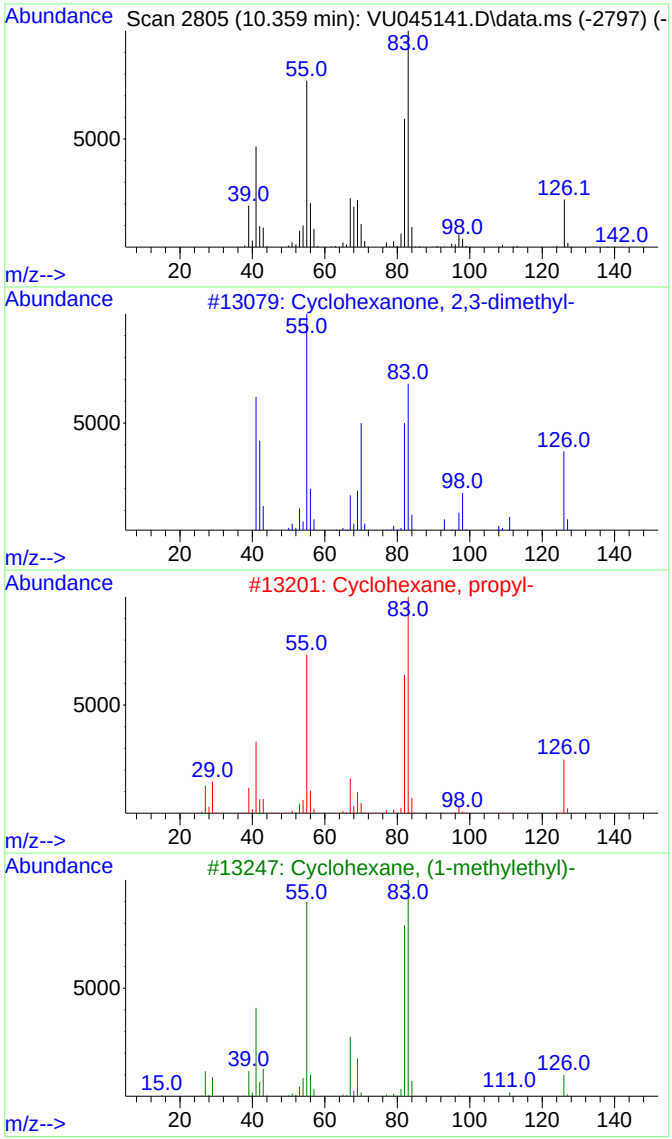
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

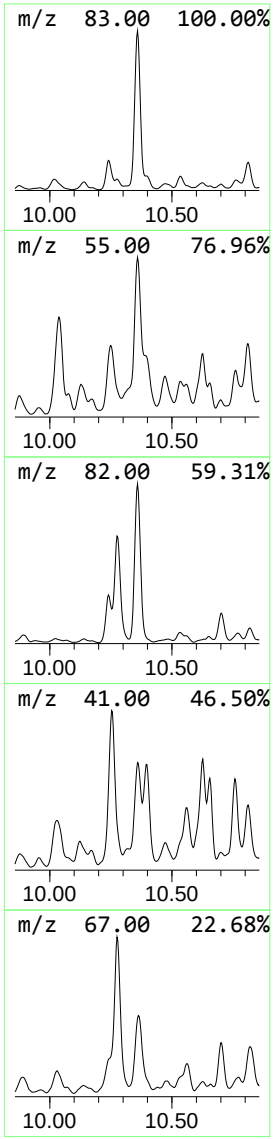
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Cyclohexanone, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.359	84.89 ug/L	1372370	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	86
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	83
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	83
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

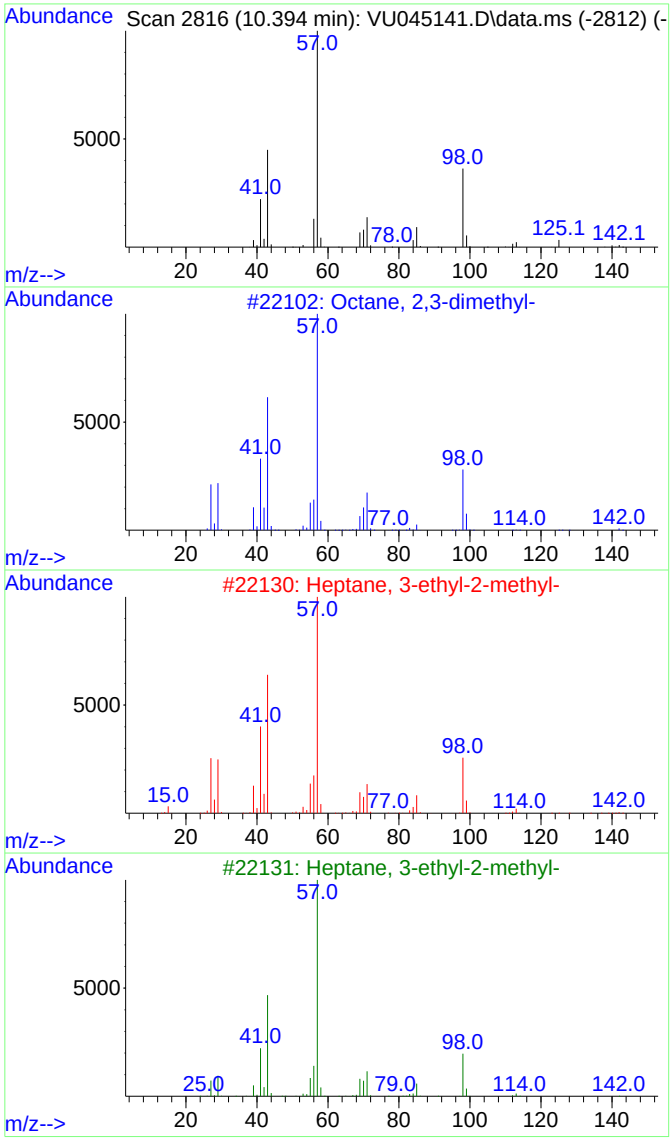
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

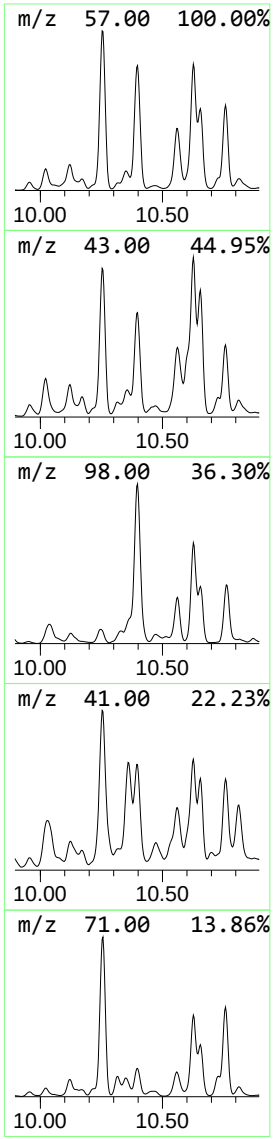
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.395	87.27 ug/L	1410790	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	72
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

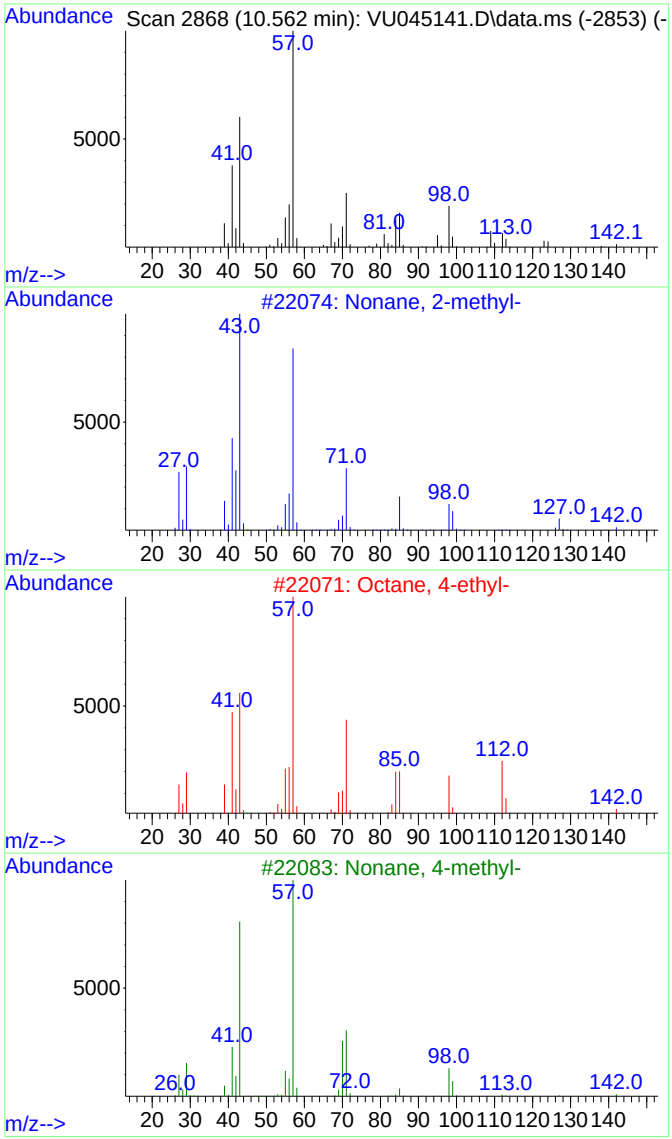
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

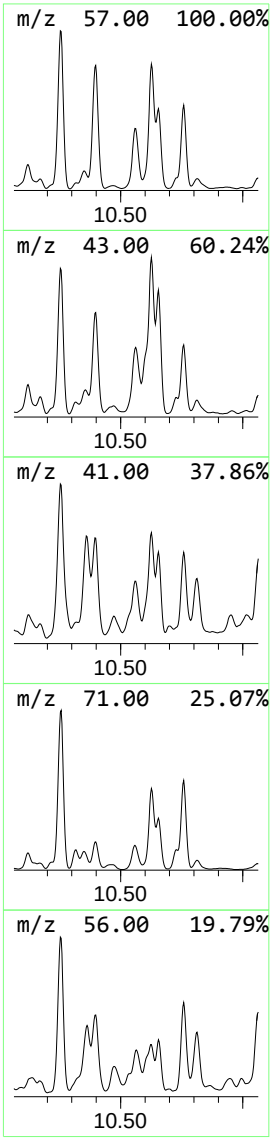
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.562	66.73 ug/L	1078720	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	52
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	47
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	43
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	43
5	1-Azacyclononan-2-one	141	C8H15NO	000935-30-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

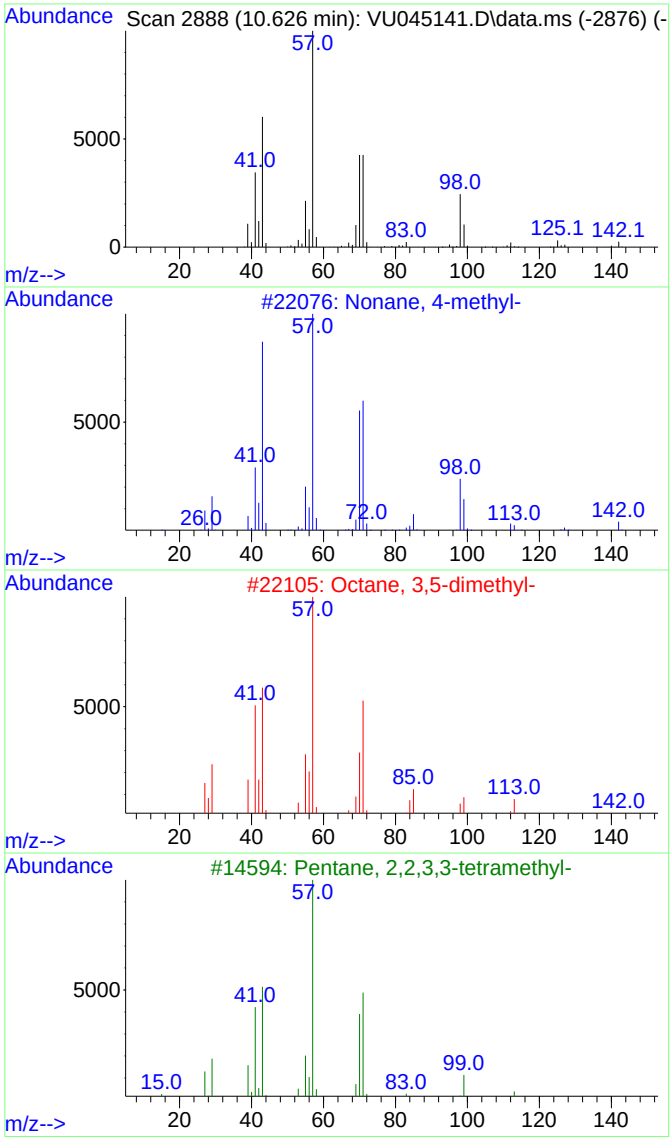
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

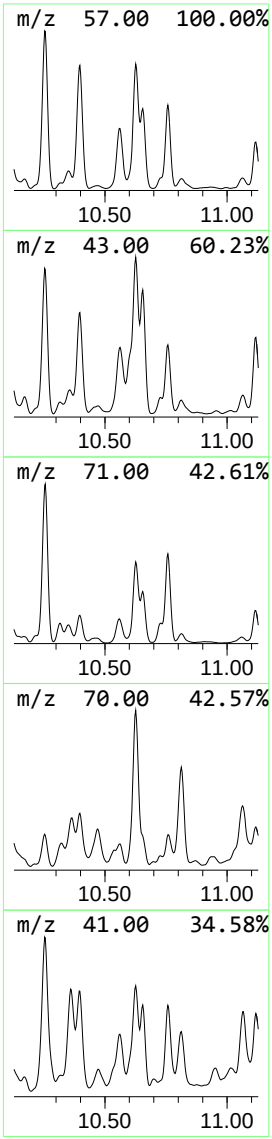
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.626	50.12 ug/L	1536100	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

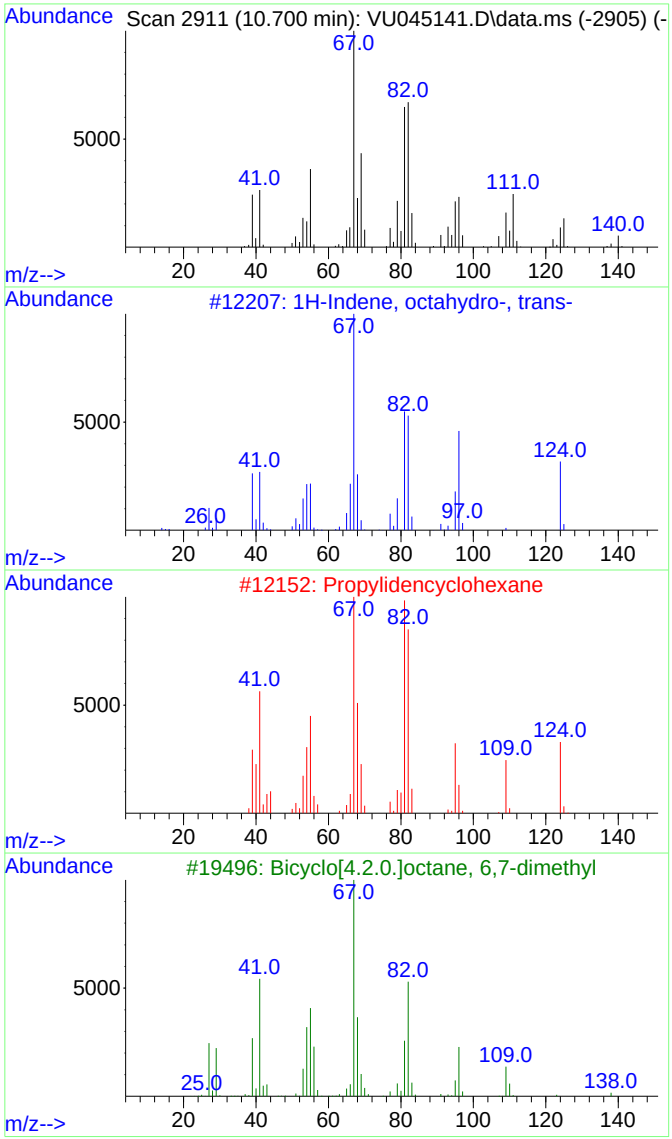
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

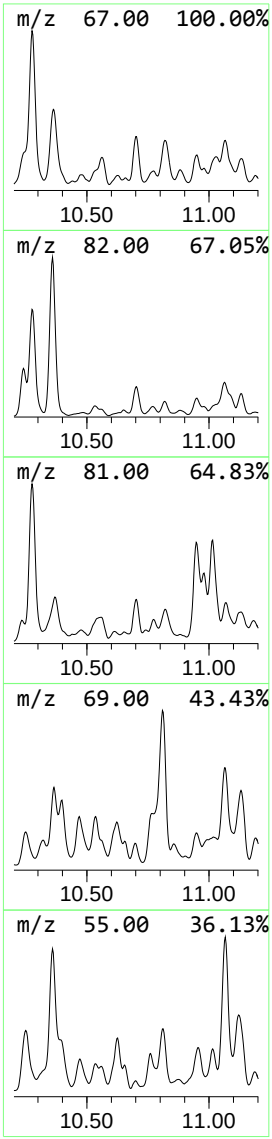
****

Peak Number 40 1H-Indene, octahydro-, trans- Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.700	6.09 ug/L	186720	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	53
2	Propylidencyclohexane	124	C9H16	002129-93-3	52
3	Bicyclo[4.2.0.]octane, 6,7-dimethyl	138	C10H18	1000063-19-2	49
4	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	46
5	Cyclopentane, ethylidene-	96	C7H12	002146-37-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

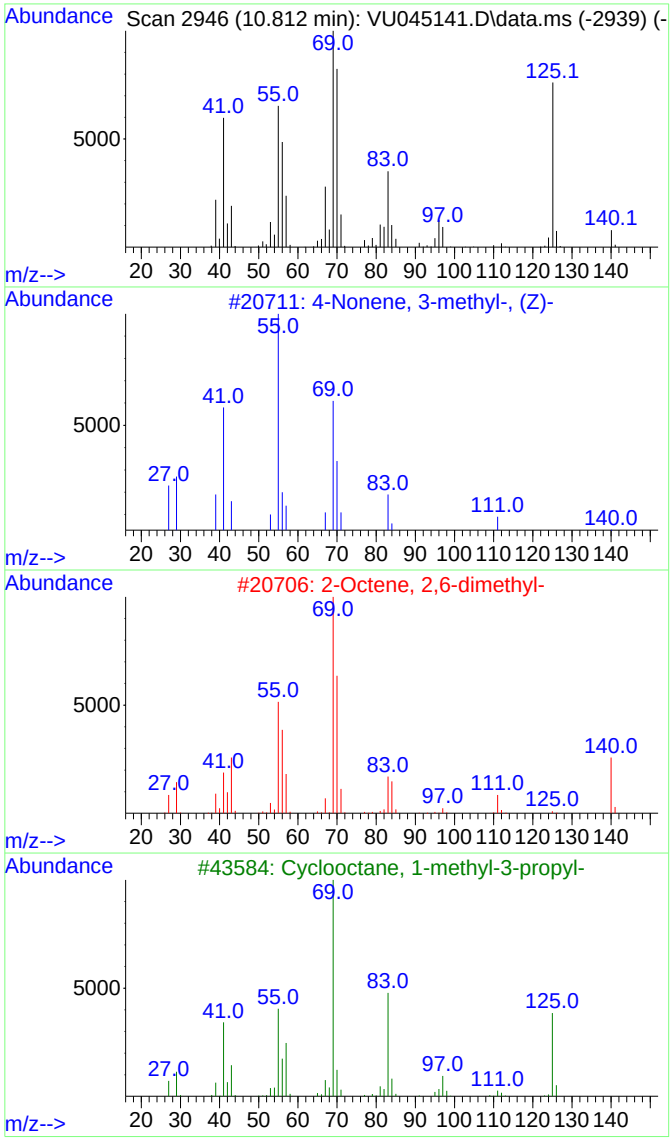
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

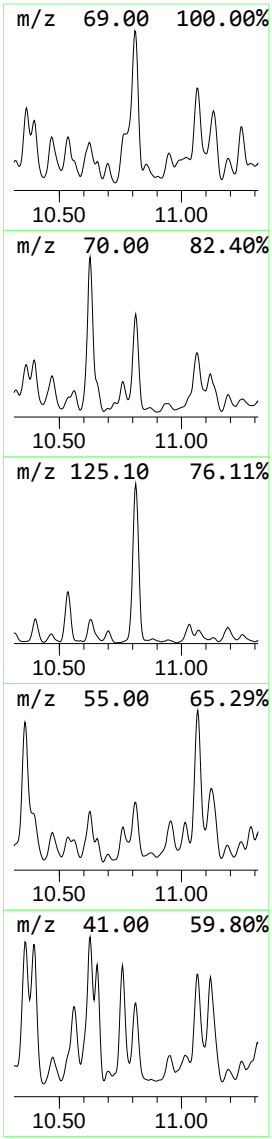
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.813	34.71 ug/L	1063810	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	53
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
3	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	47
5	(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-04-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

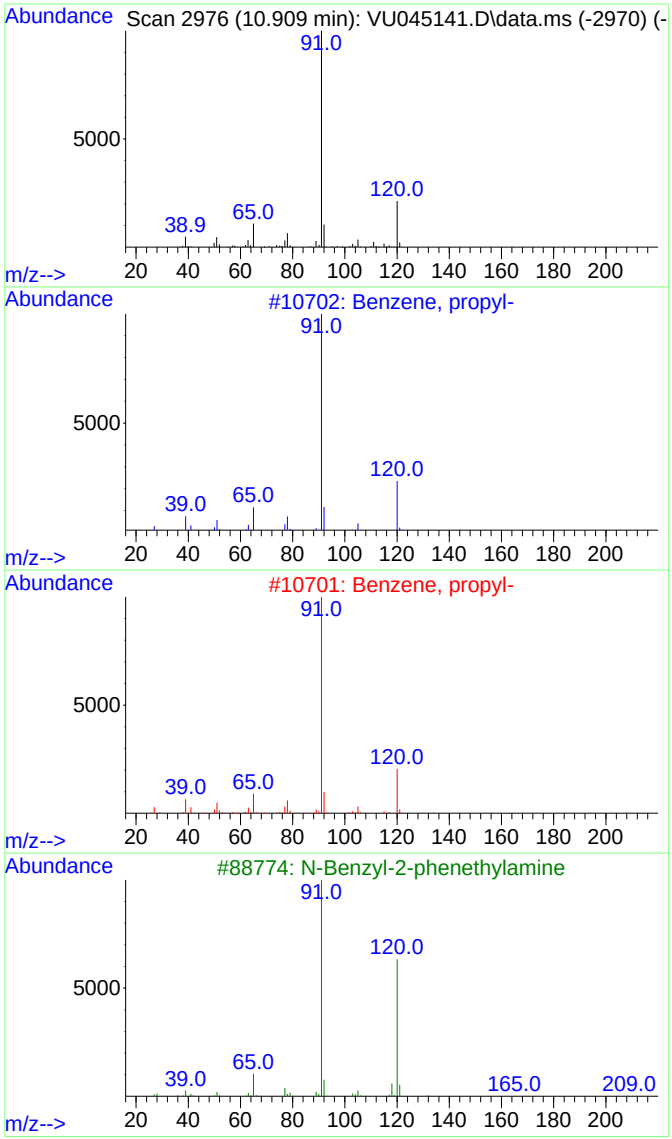
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

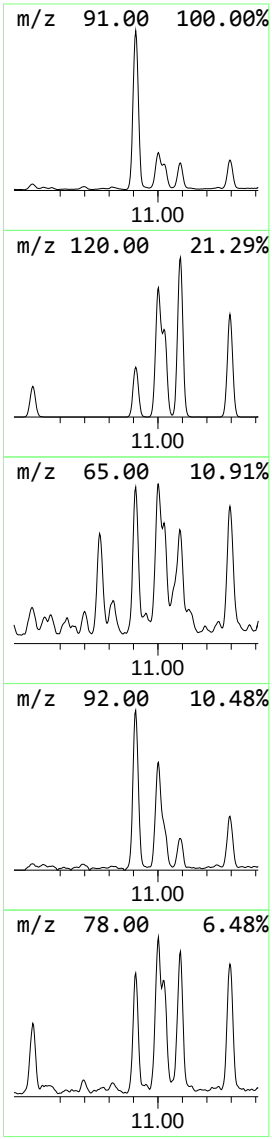
****

Peak Number 42 Benzene, propyl- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.909	7.31 ug/L	223971	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
4	Benzene, propyl-	120	C9H12	000103-65-1	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

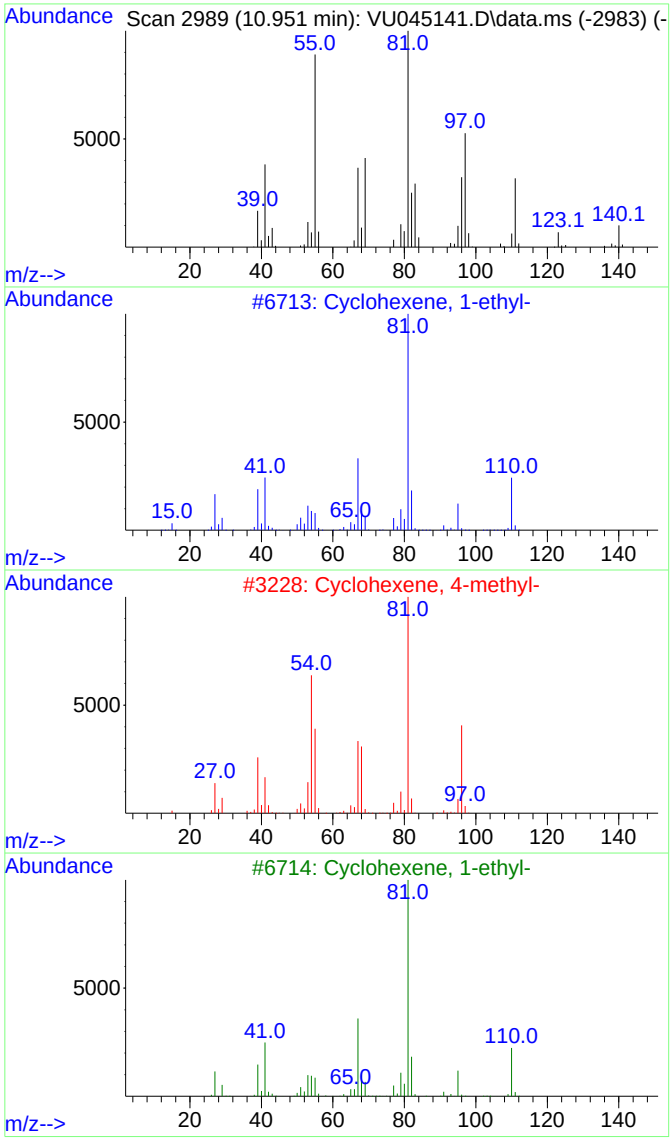
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

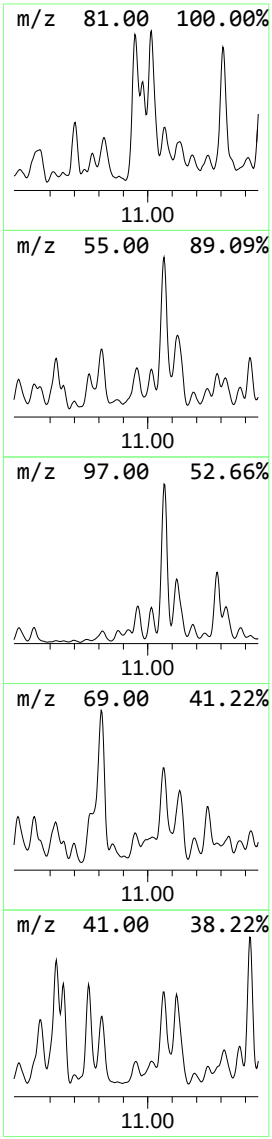
****

Peak Number 43 unknown-03 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.951	7.67 ug/L	235010	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	45
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	43
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
4	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	38
5	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

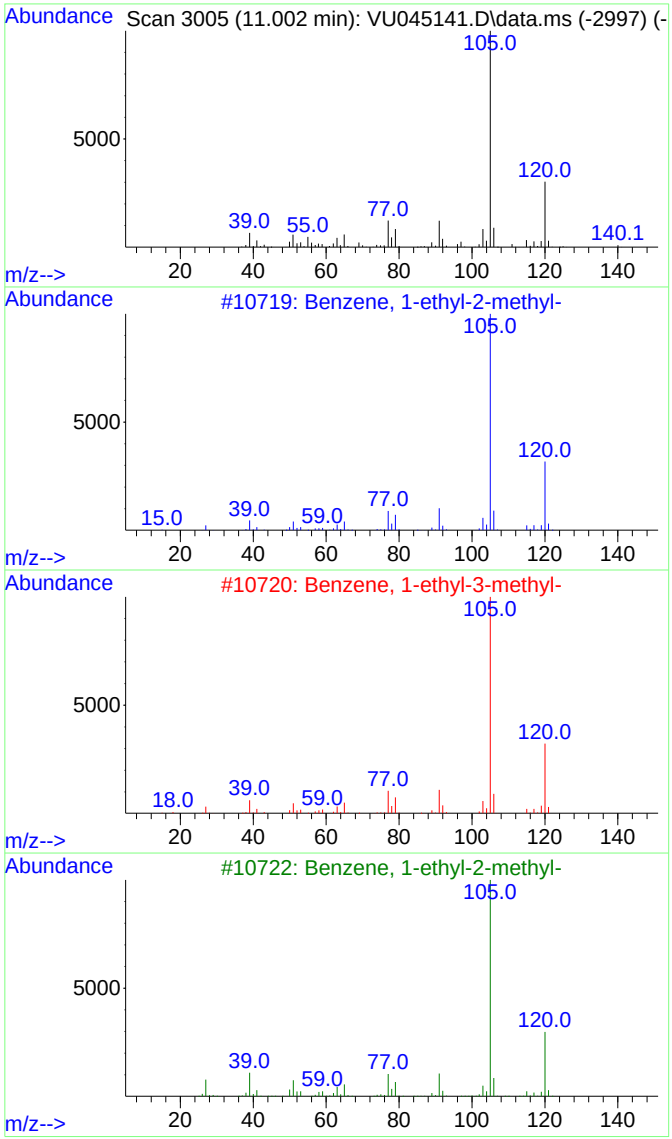
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

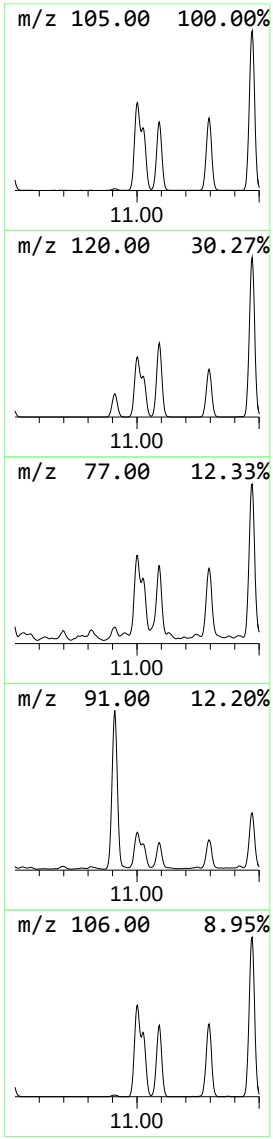
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 1-ethyl-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.002	44.39 ug/L	1360530	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

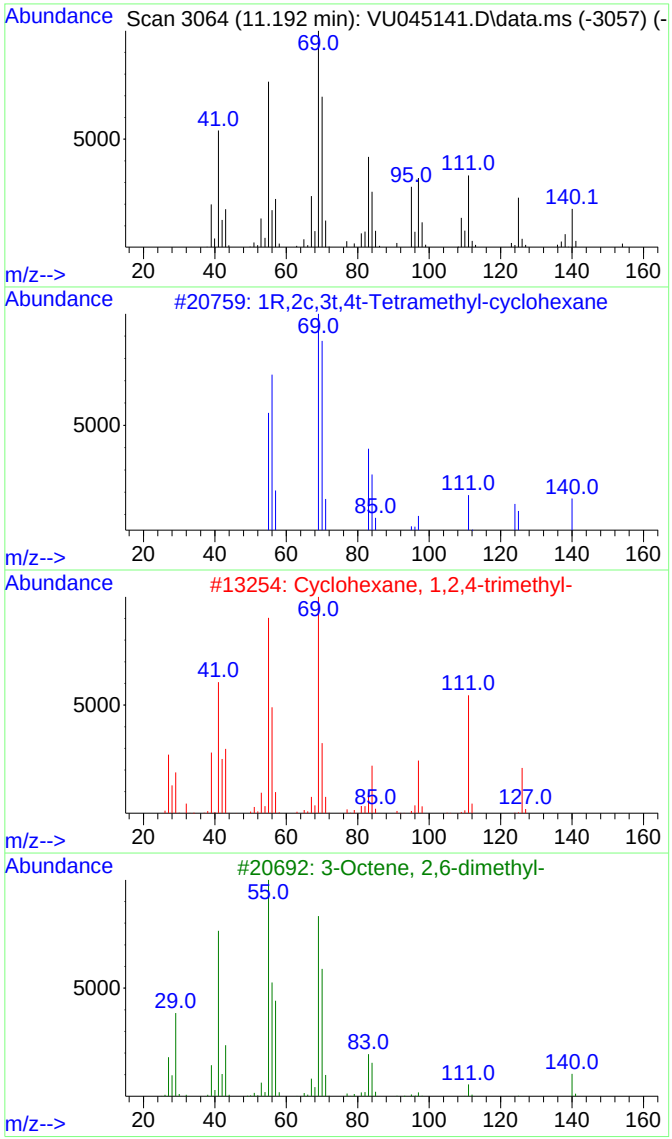
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

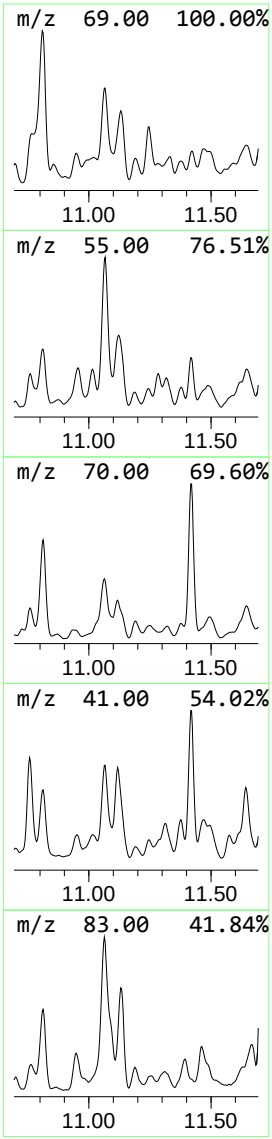
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Cyclic11.192 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	6.20 ug/L	190103	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	68
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	53
3	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	49
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	43
5	Cyclodecane	140	C10H20	000293-96-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

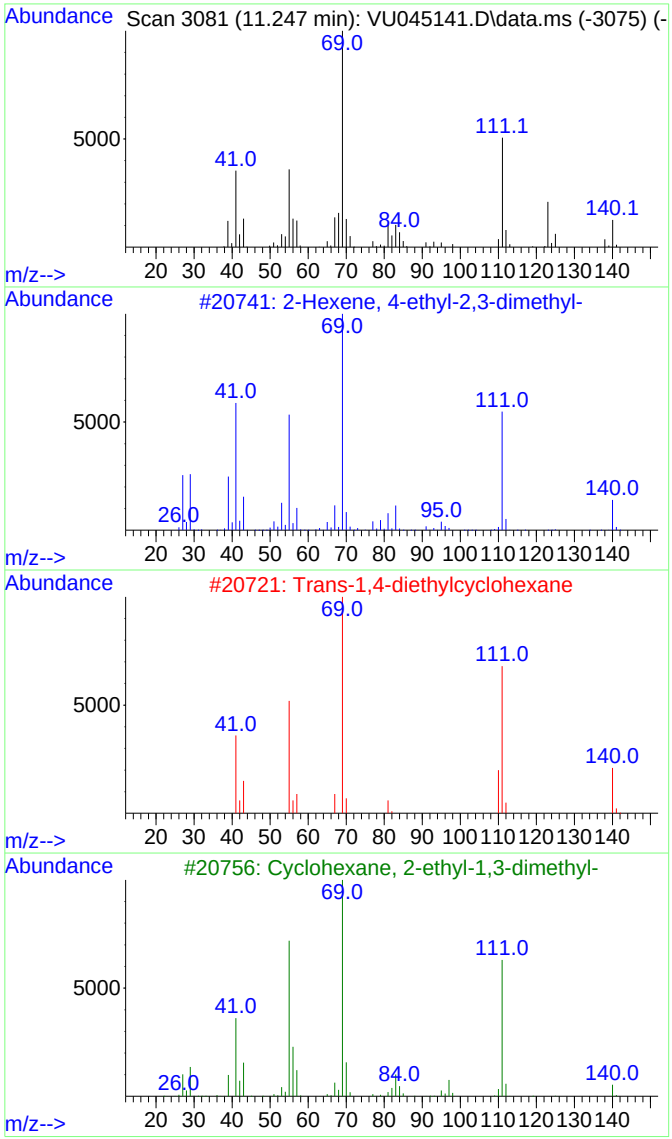
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

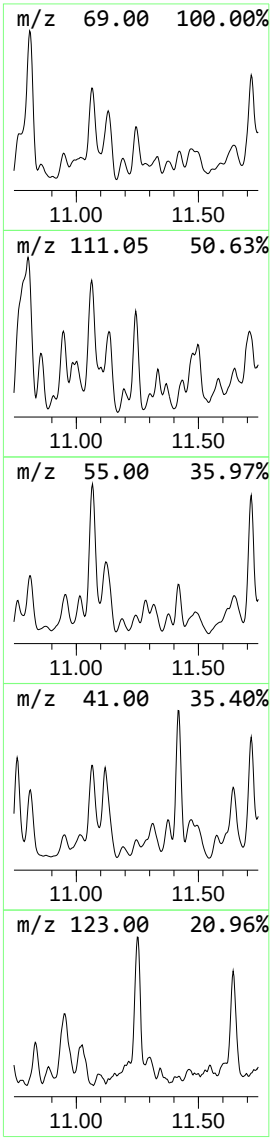
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.246	6.79 ug/L	208125	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	64
2	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	62
3	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	59
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	53
5	Cyclooctanemethanol	142	C9H18O	003637-63-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

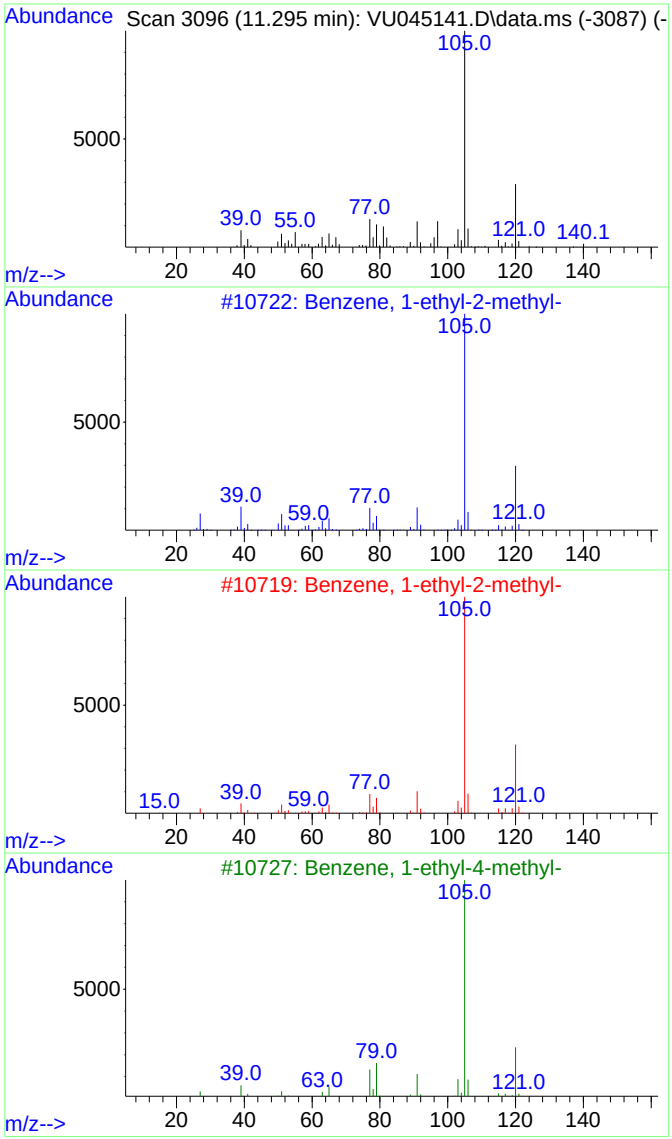
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

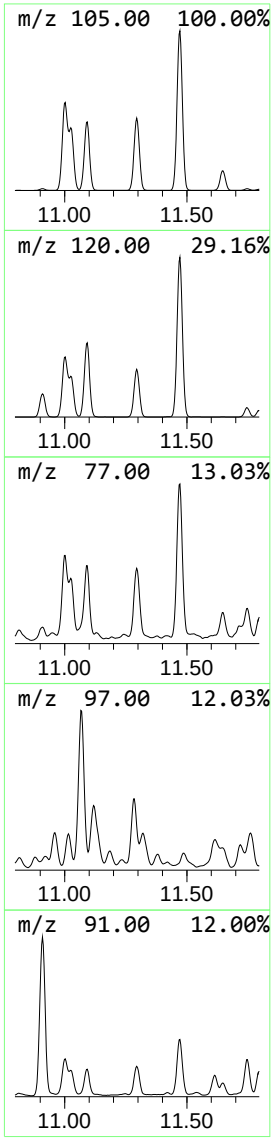
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, 1-ethyl-4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.295	45.15 ug/L	1383720	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	83
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

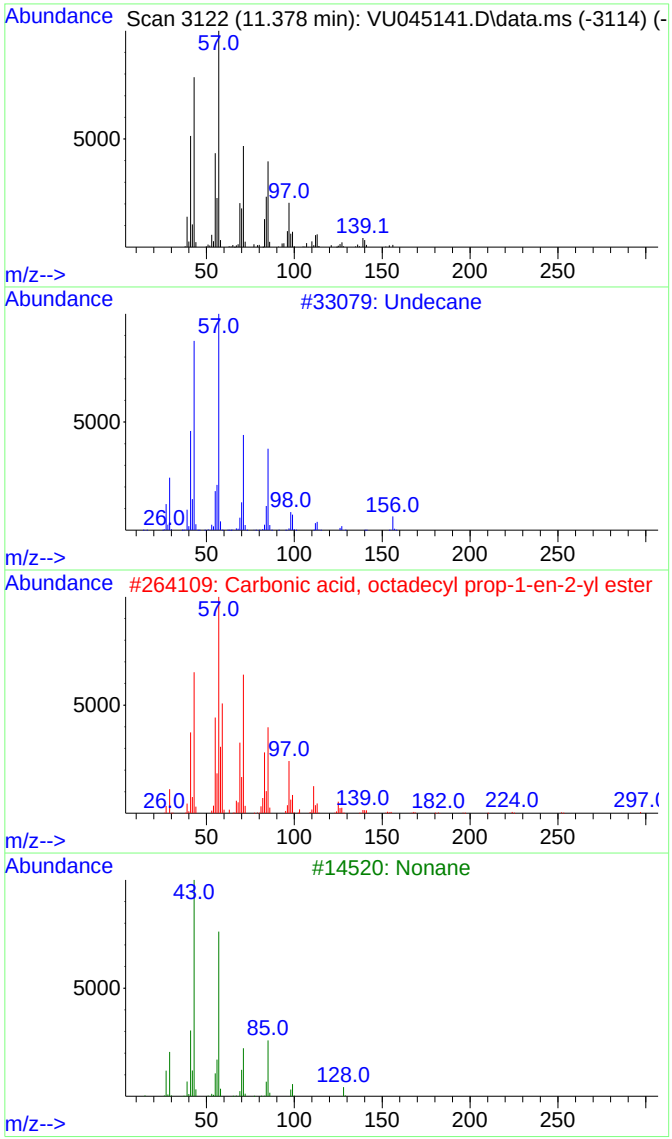
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

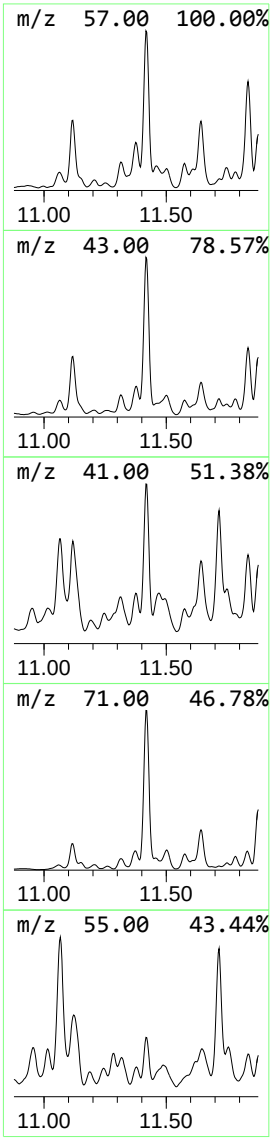
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	12.10 ug/L	370882	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	76
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	72
3	Nonane	128	C9H20	000111-84-2	70
4	Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	64
5	Undecane	156	C11H24	001120-21-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

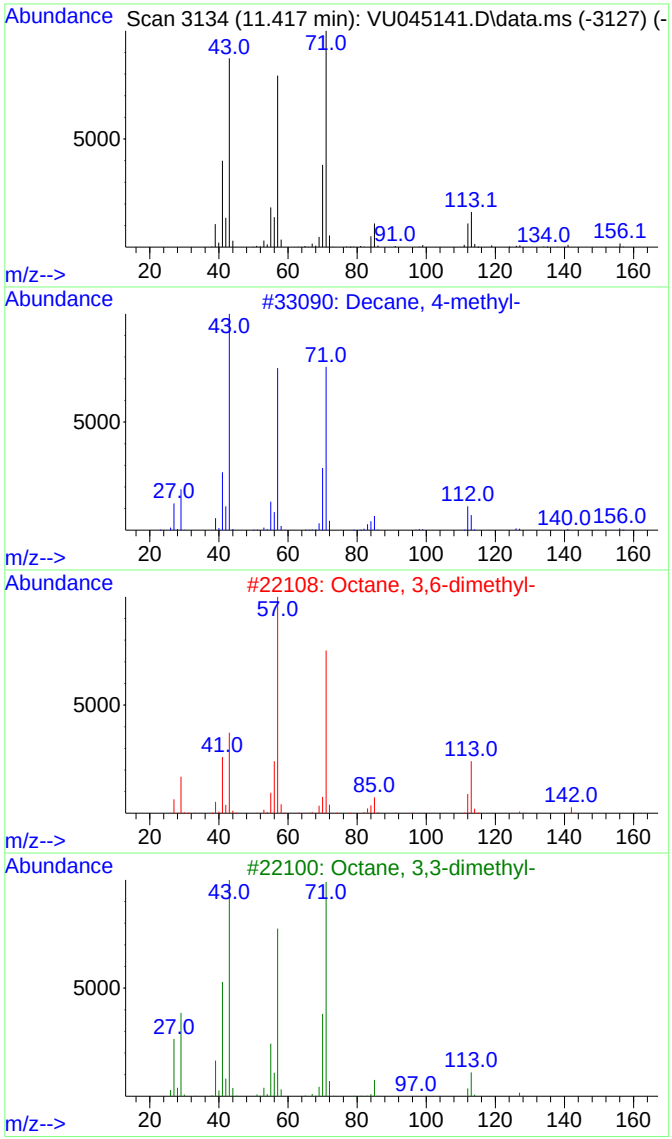
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

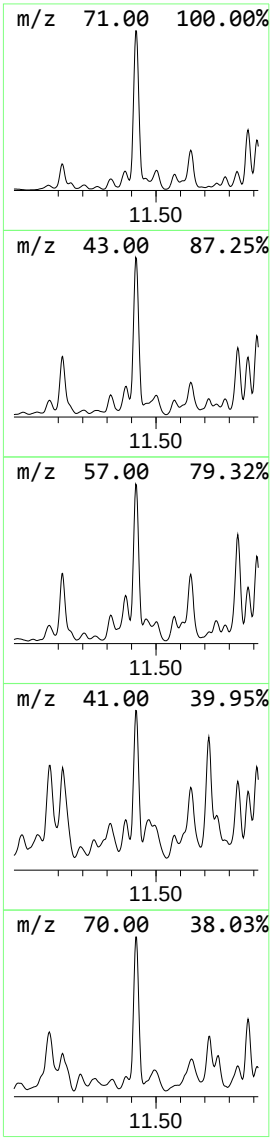
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.417	55.38 ug/L	1697170	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
4	Decane, 4-methyl-	156	C11H24	002847-72-5	70
5	4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW904DL

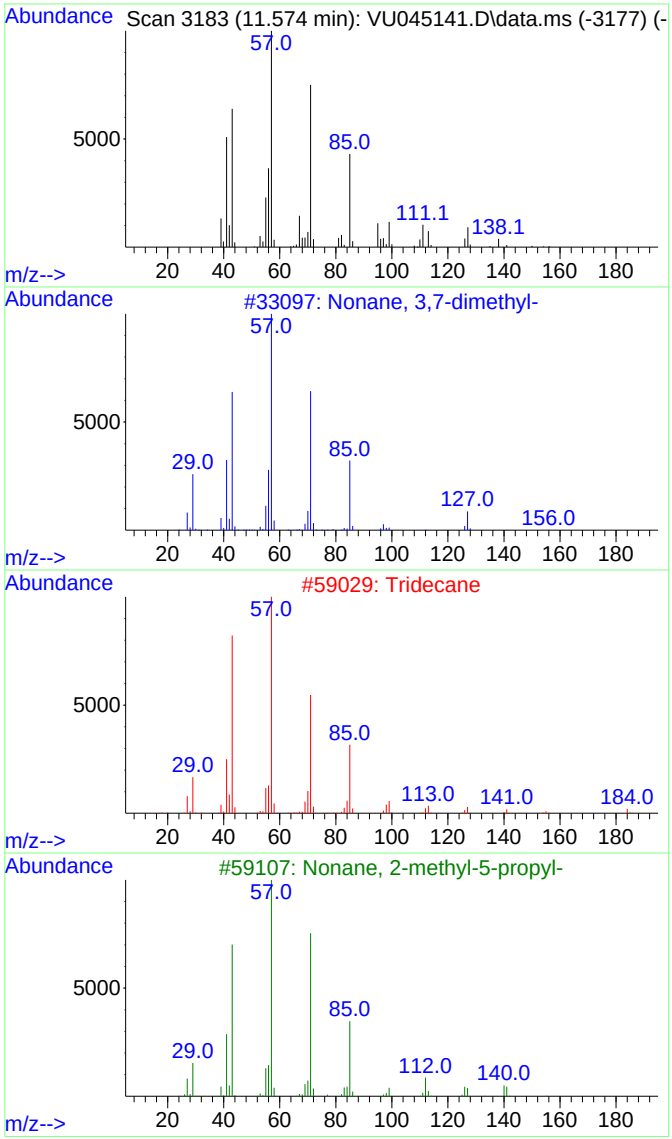
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

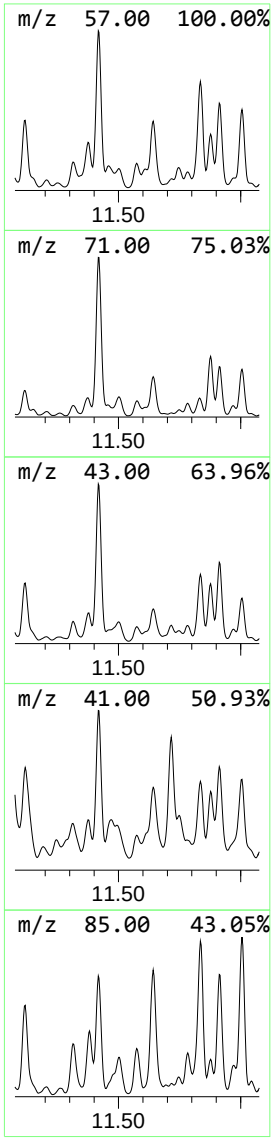
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.575	6.76 ug/L	207180	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
2	Tridecane	184	C13H28	000629-50-5	64
3	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

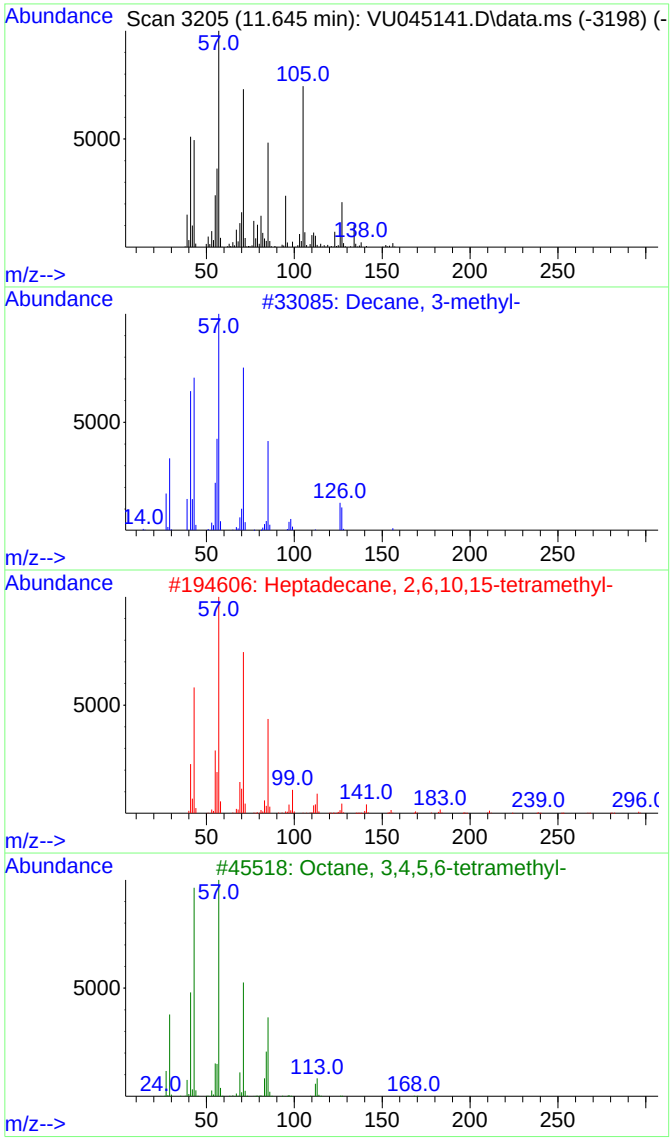
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

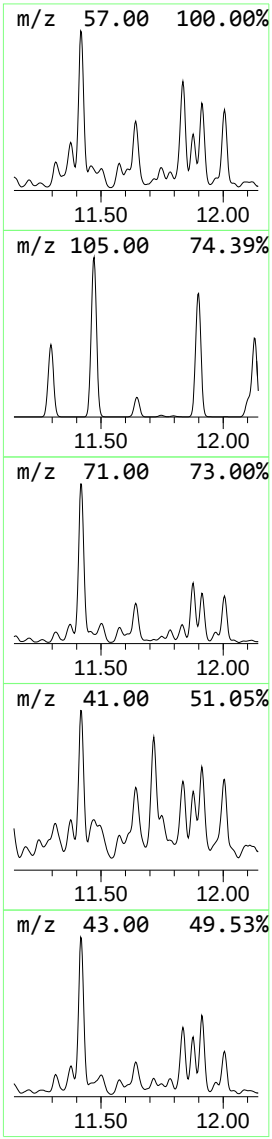
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	32.96 ug/L	1010250	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	52
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	43
4	10-Methylnonadecane	282	C20H42	056862-62-5	43
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

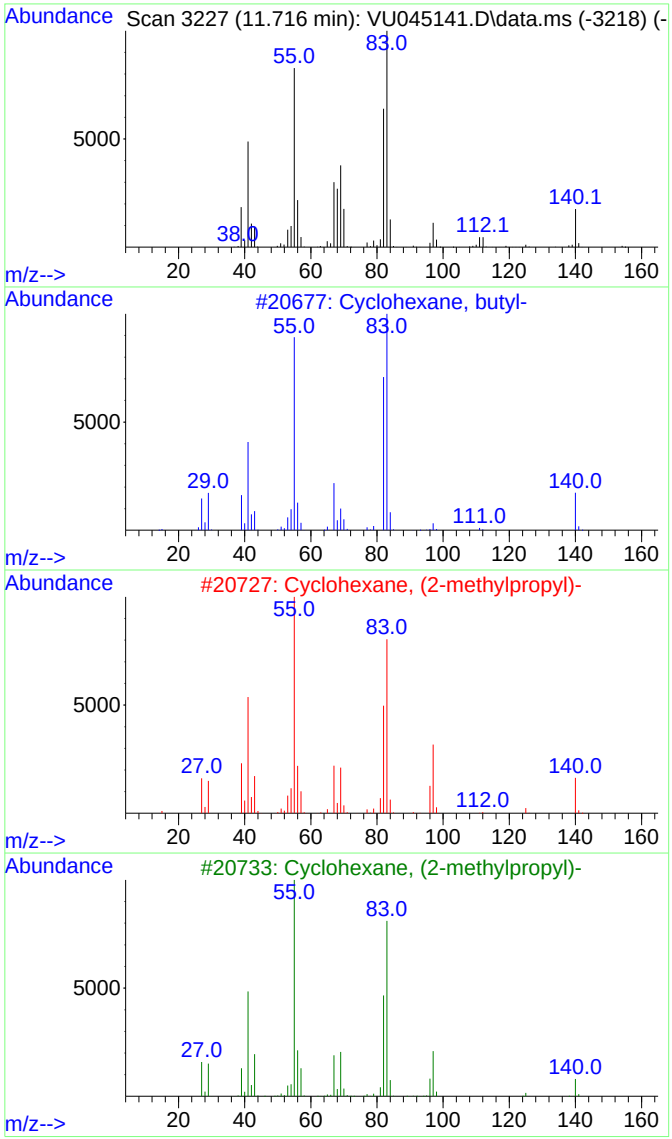
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

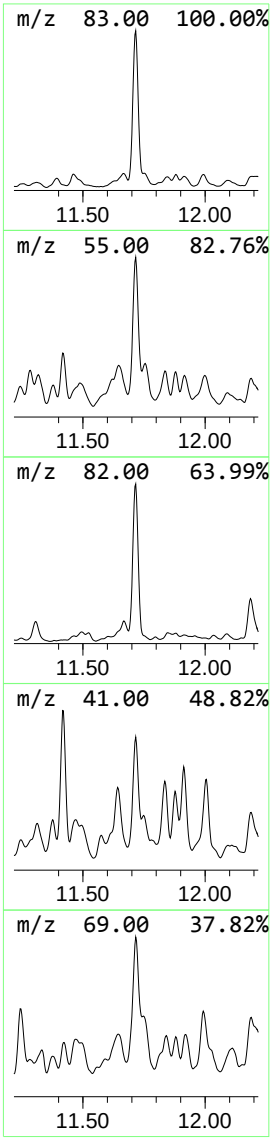
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Cyclic11.716 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	47.42 ug/L	1453190	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

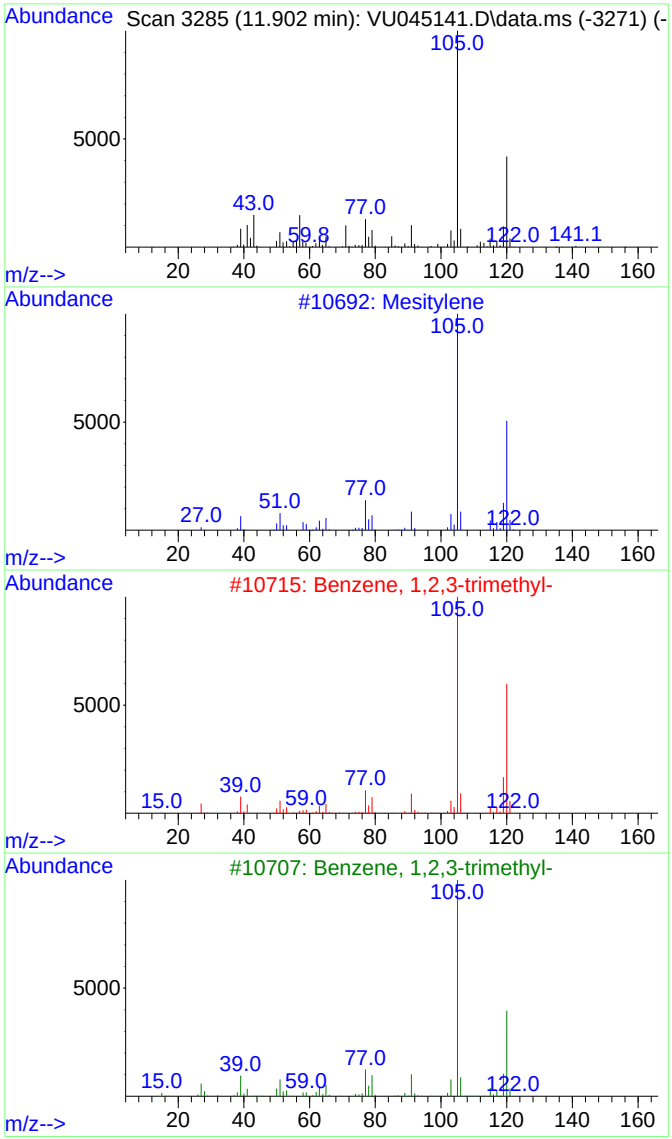
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

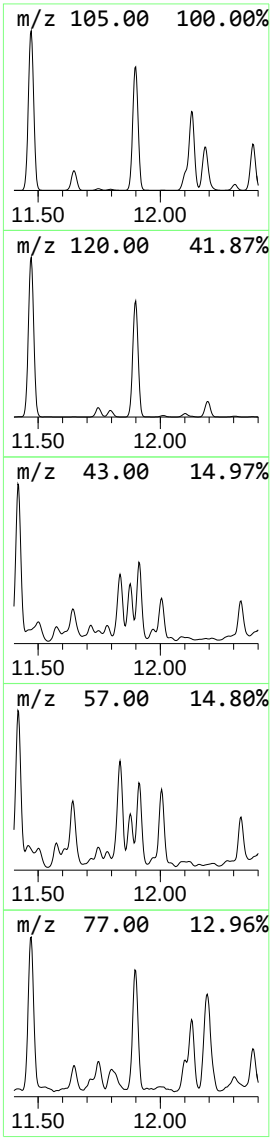
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.902	86.66 ug/L	2655790	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

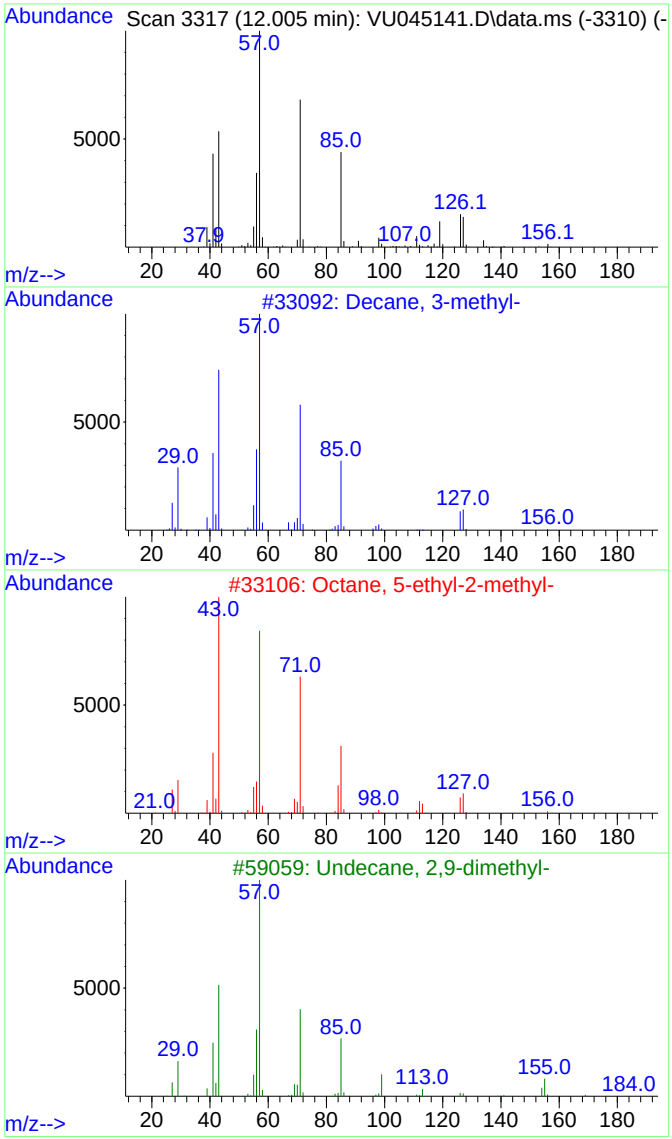
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

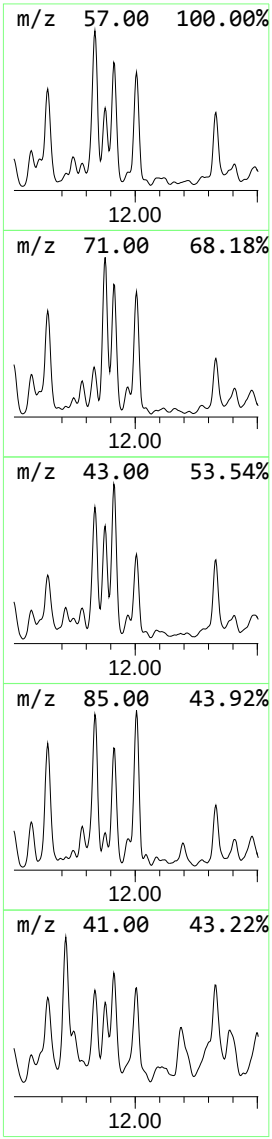
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.005	36.72 ug/L	1125250	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	78
2	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72
3	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
5	Decane, 3-methyl-	156	C11H24	013151-34-3	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

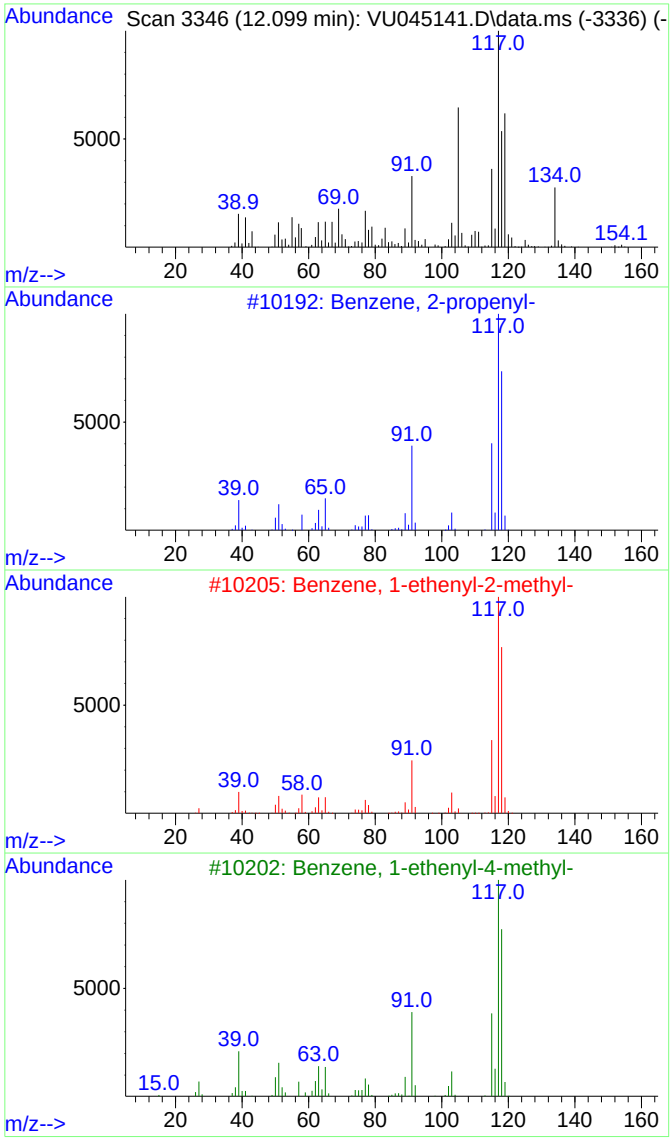
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

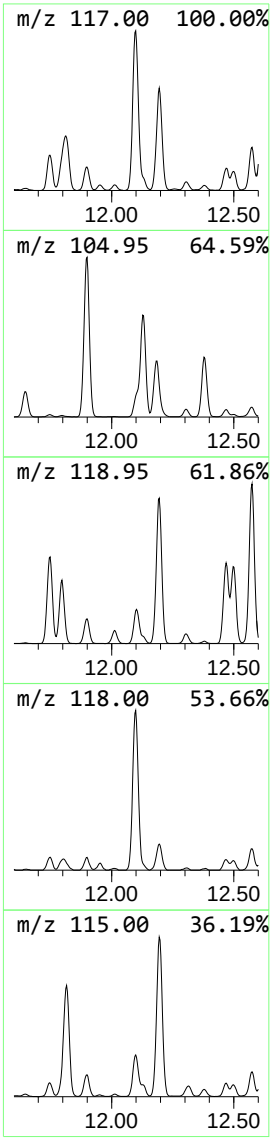
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Benzene, 2-propenyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.099	22.76 ug/L	697471	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	80
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

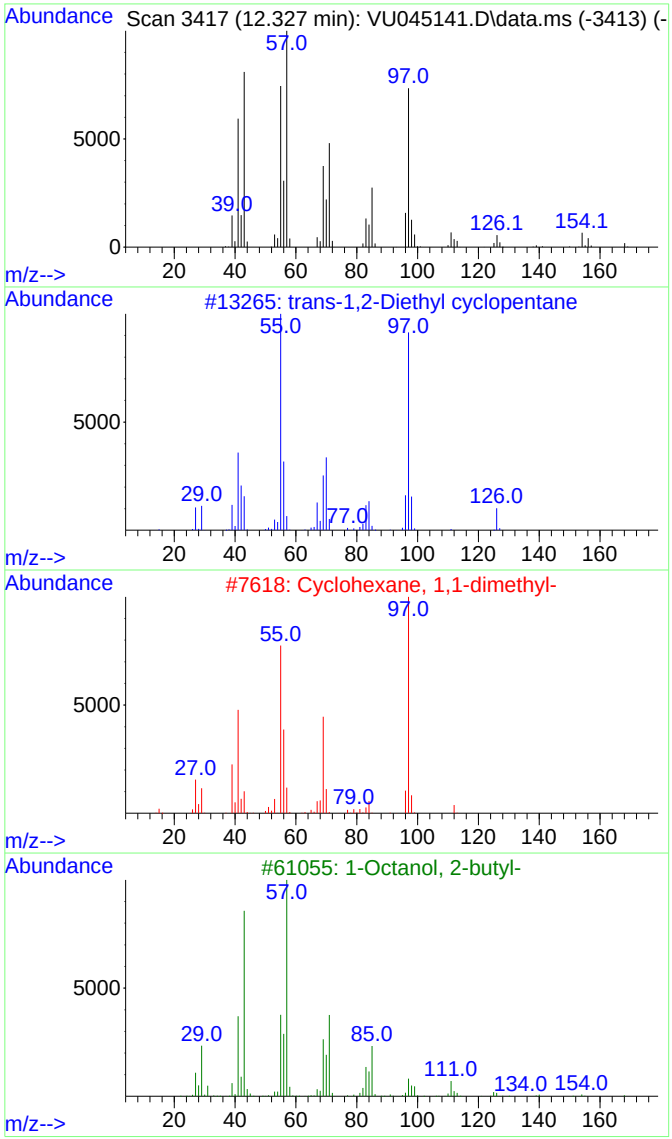
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

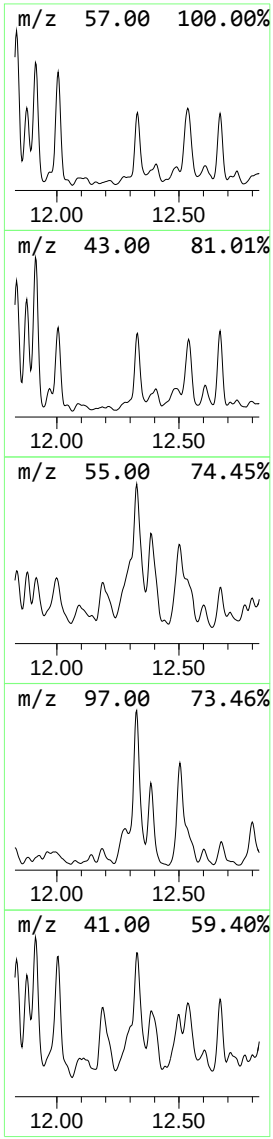
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Cyclic12.327 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	22.18 ug/L	679760	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	60
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
3	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	49
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	46
5	Undecane	156	C11H24	001120-21-4	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

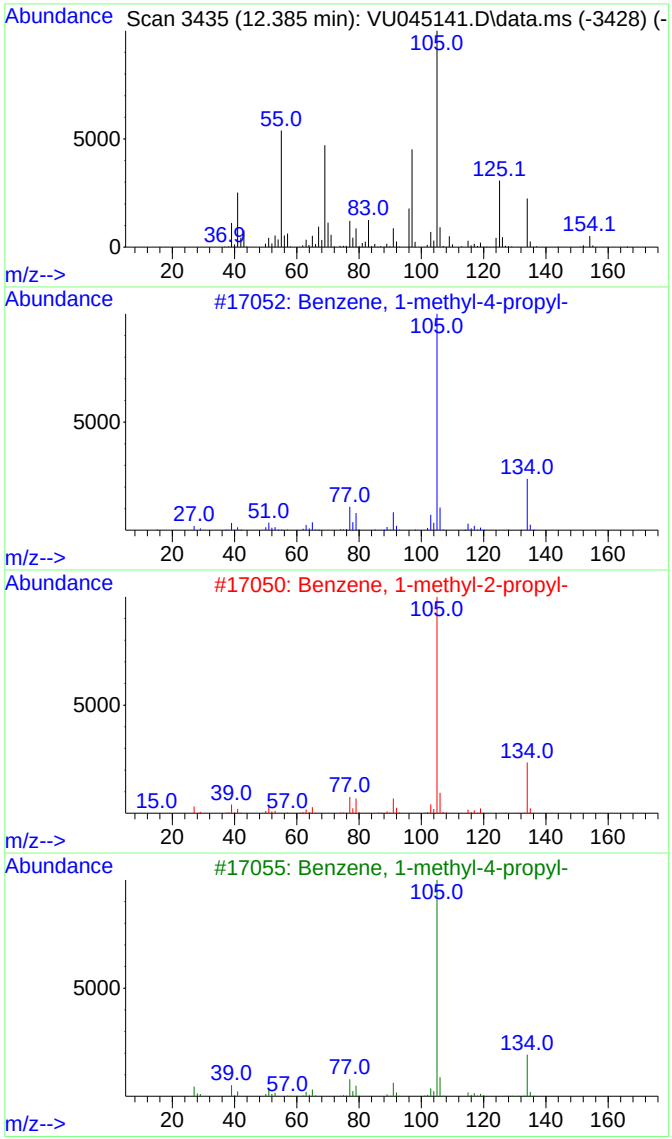
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

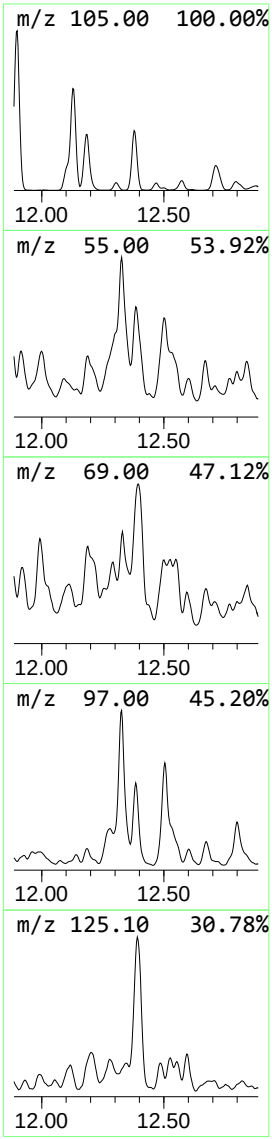
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzene, 1-methyl-4-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.385	39.36 ug/L	1206340	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	74
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

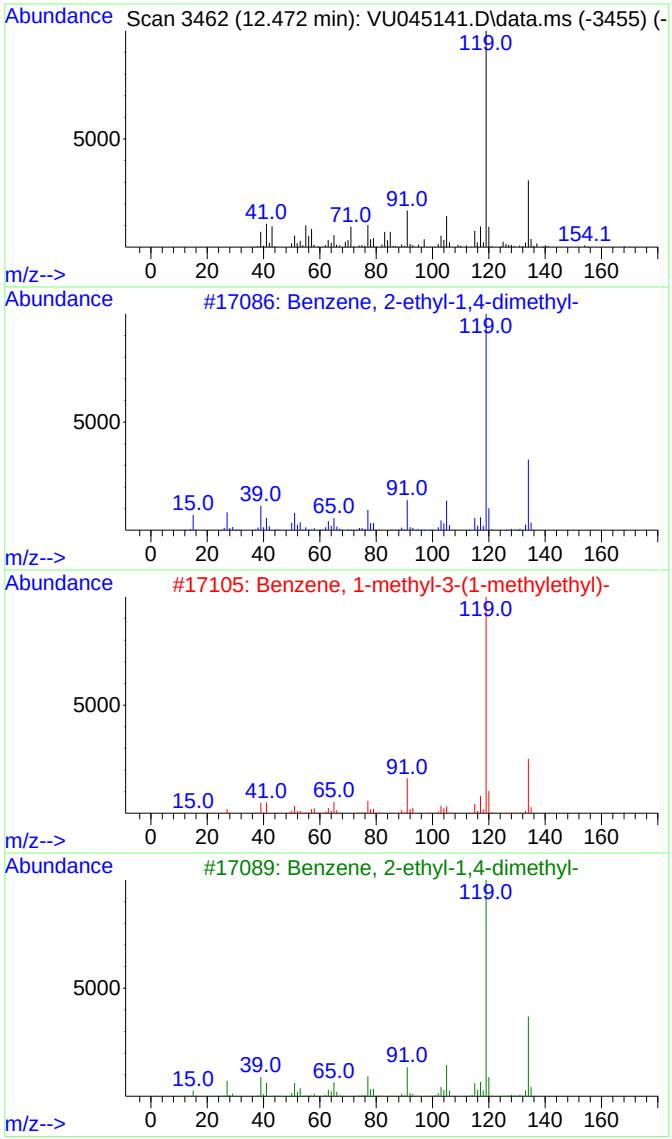
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

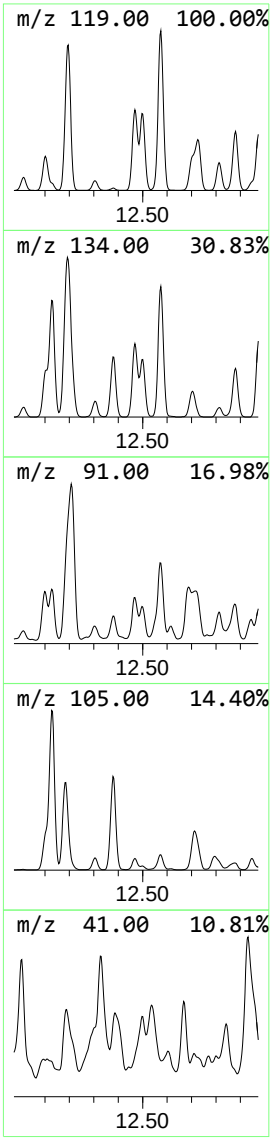
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.472	11.61 ug/L	355847	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

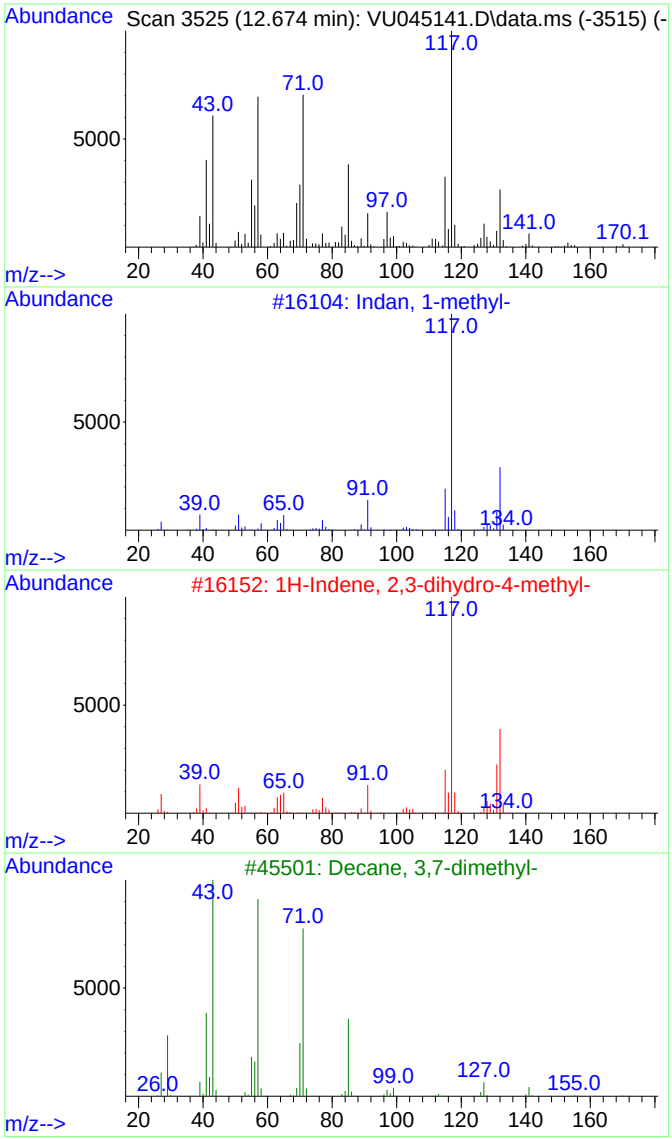
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

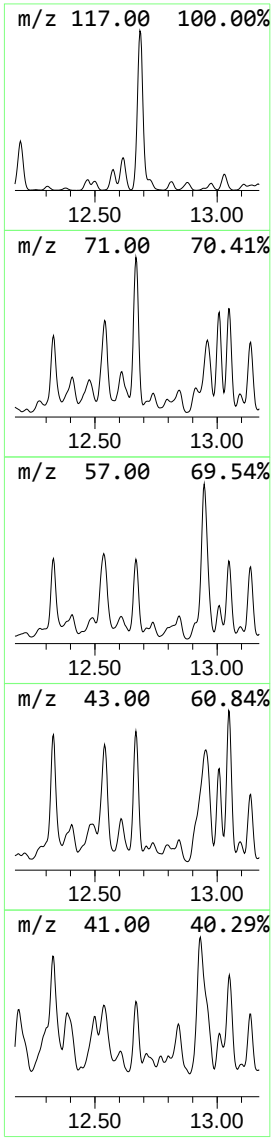
****

Peak Number 59 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.674	42.18 ug/L	1292650	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	46
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	46
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	46
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	46
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

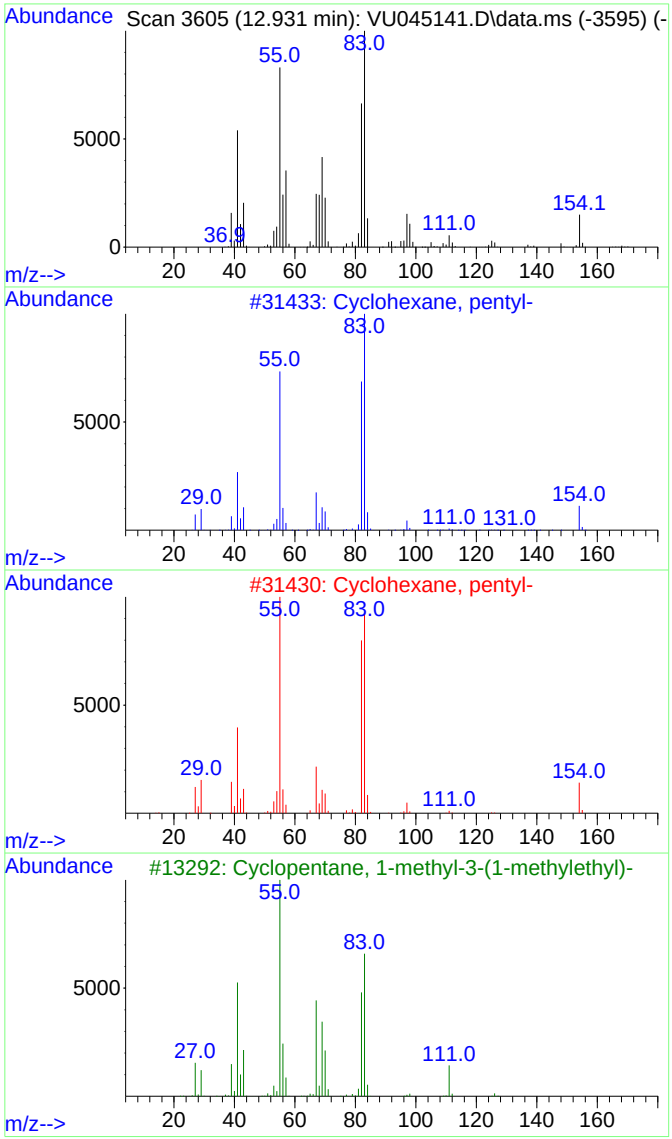
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

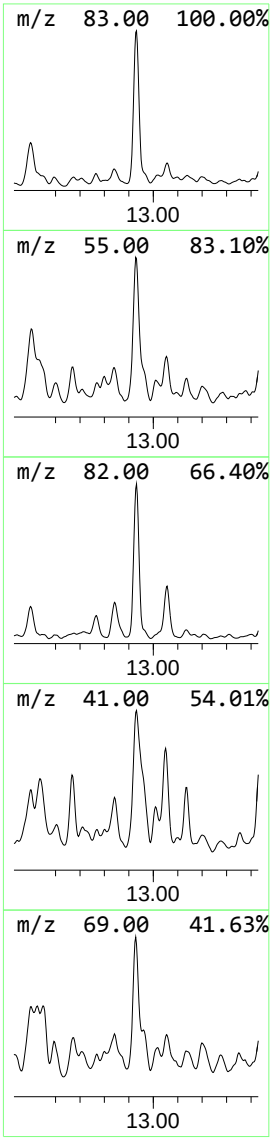
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Cyclic12.931 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.931	68.19 ug/L	2089880	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
3	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	62
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

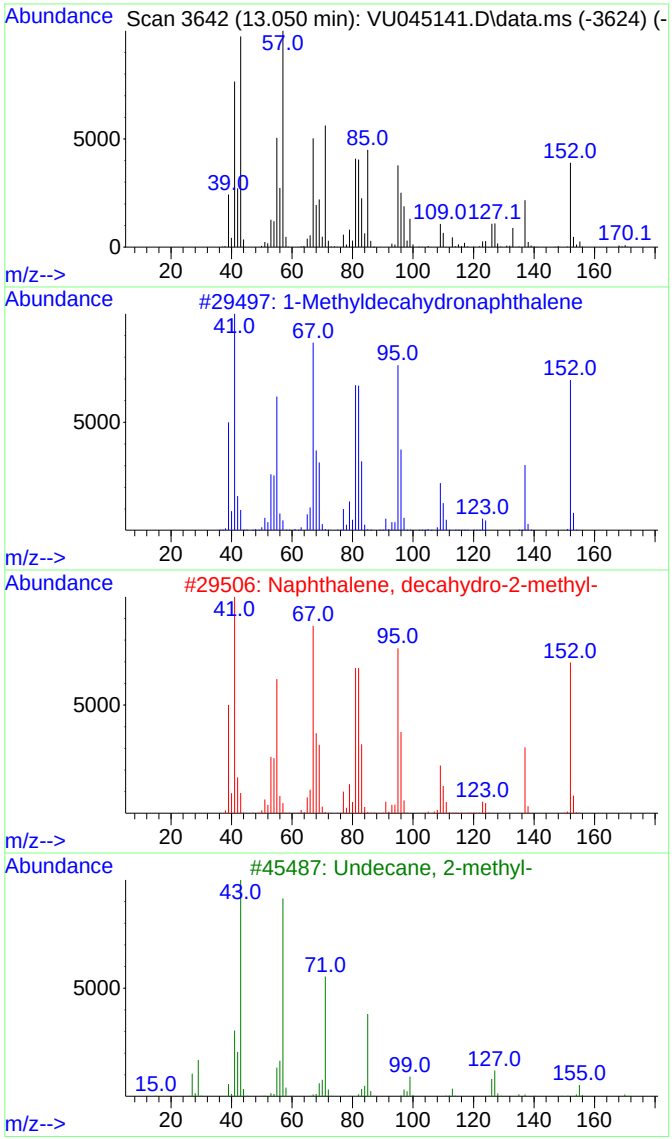
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

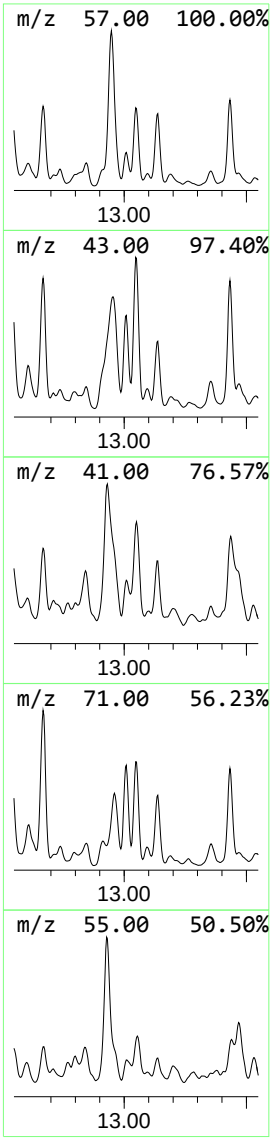
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 1-Methyldecahydronaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.050	58.91 ug/L	1805530	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	51
4	Spiro[5.5]undecane	152	C11H20	000180-43-8	38
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

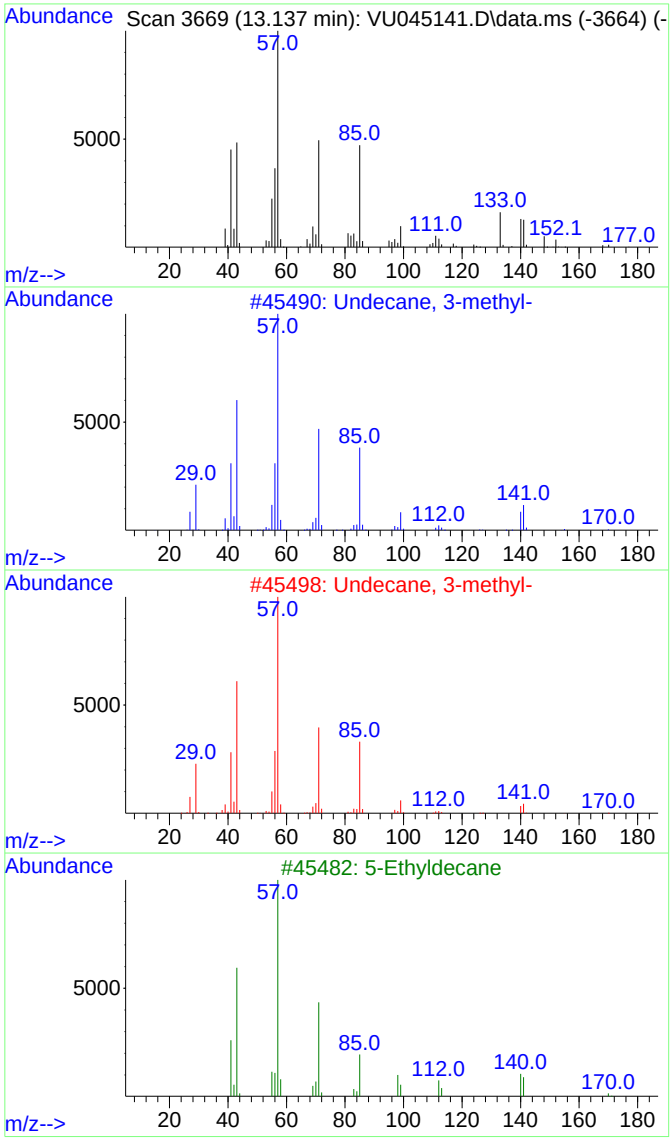
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

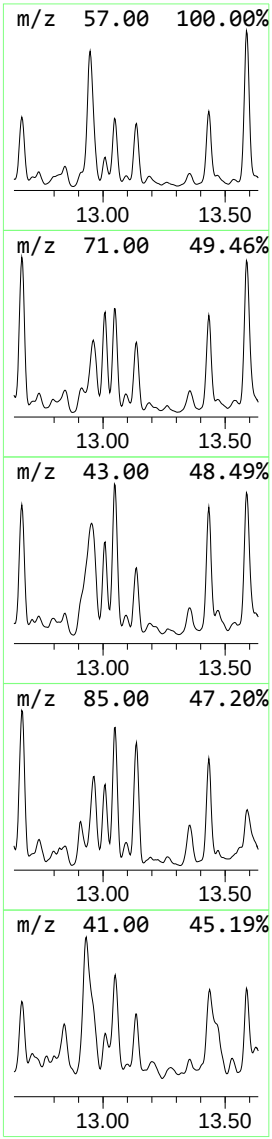
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.137	12.68 ug/L	388692	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	86
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	78
3	5-Ethyldecane	170	C12H26	017302-36-2	52
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	50
5	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

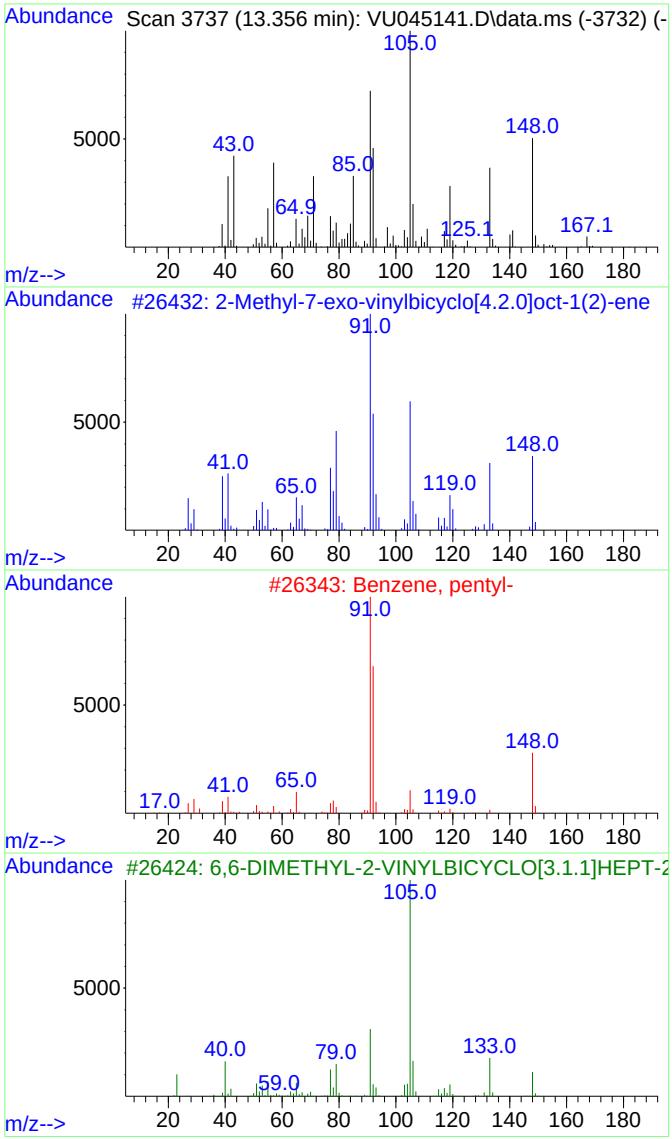
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

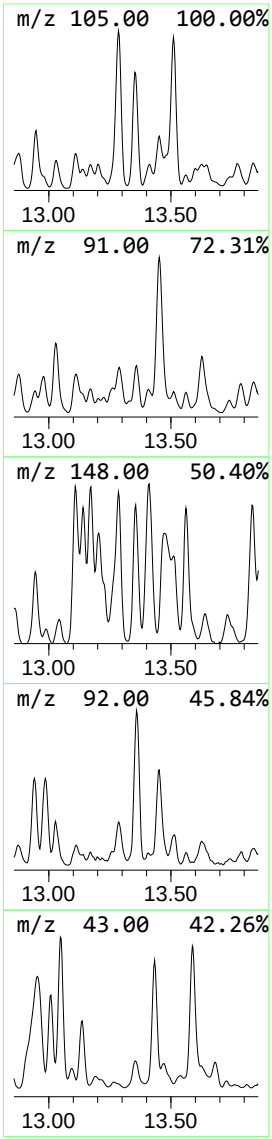
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 2-Methyl-7-exo-vinylbicyclo... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.356	6.29 ug/L	192758	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-7-exo-vinylbicyclo[4.2....	148	C11H16	107914-89-6	64
2	Benzene, pentyl-	148	C11H16	000538-68-1	38
3	6,6-DIMETHYL-2-VINYLBICYCLO[3.1....	148	C11H16	000473-00-7	27
4	2-Isopropylbenzaldehyde	148	C10H12O	006502-22-3	25
5	8,9-Dehydrothymol	148	C10H12O	018612-99-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

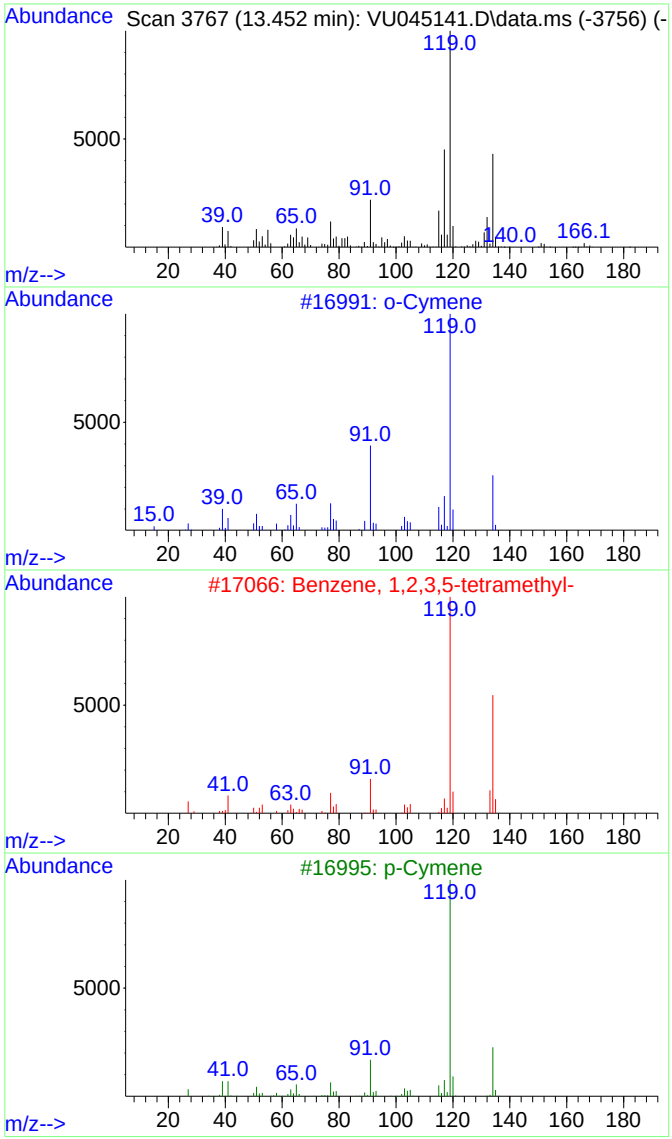
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

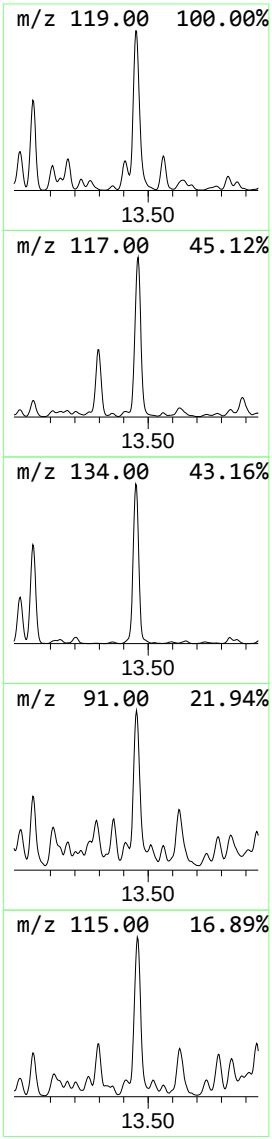
****

Peak Number 64 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	85.43 ug/L	2618160	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
3	p-Cymene	134	C10H14	000099-87-6	70
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

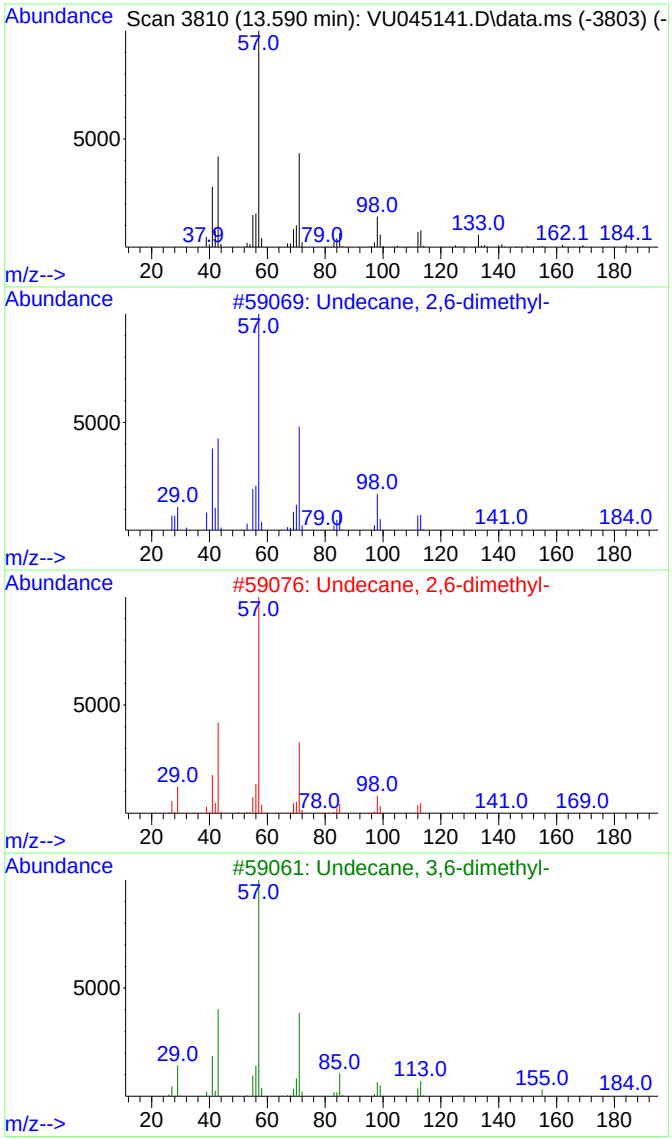
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

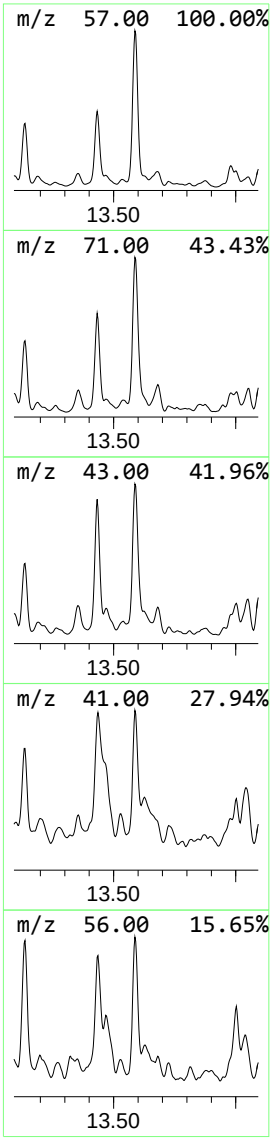
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	16.94 ug/L	519008	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	96
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

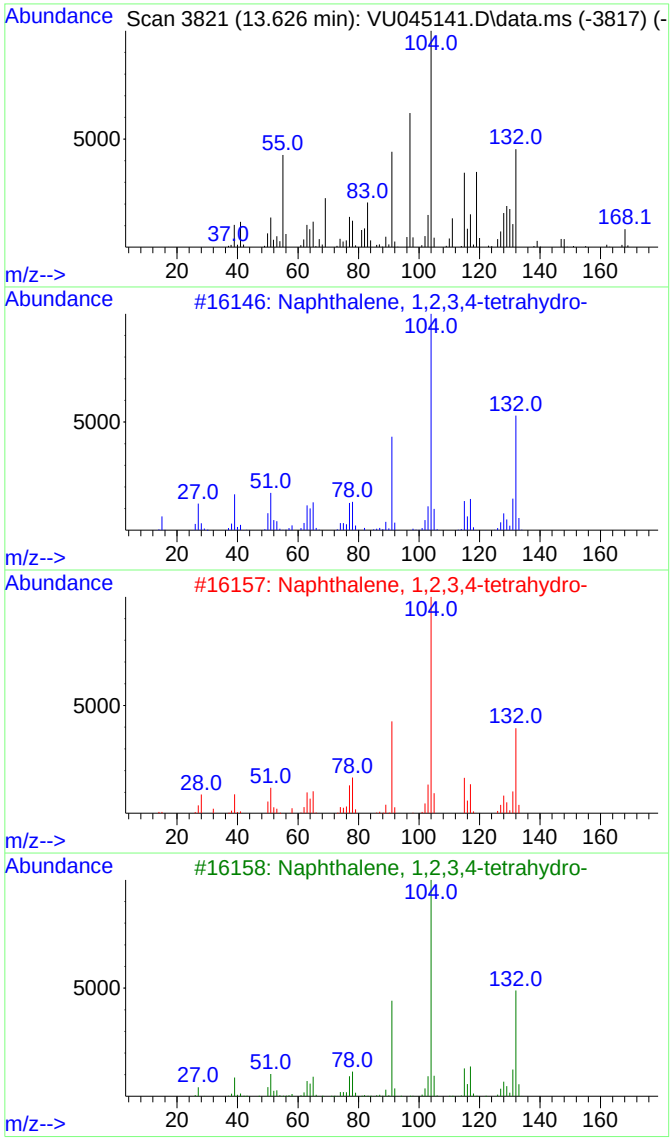
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

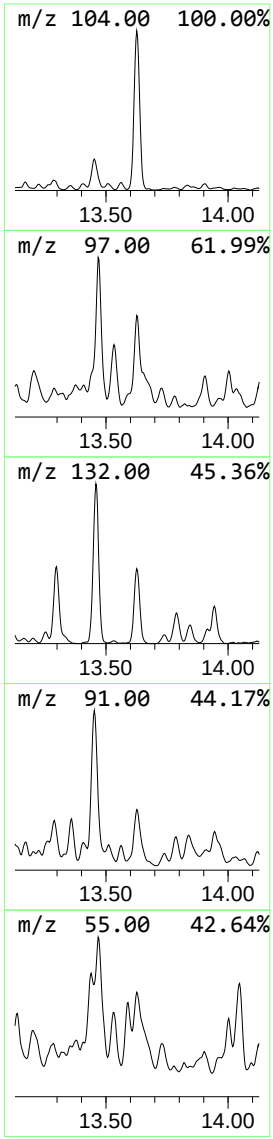
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.626	36.50 ug/L	1118480	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	78
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

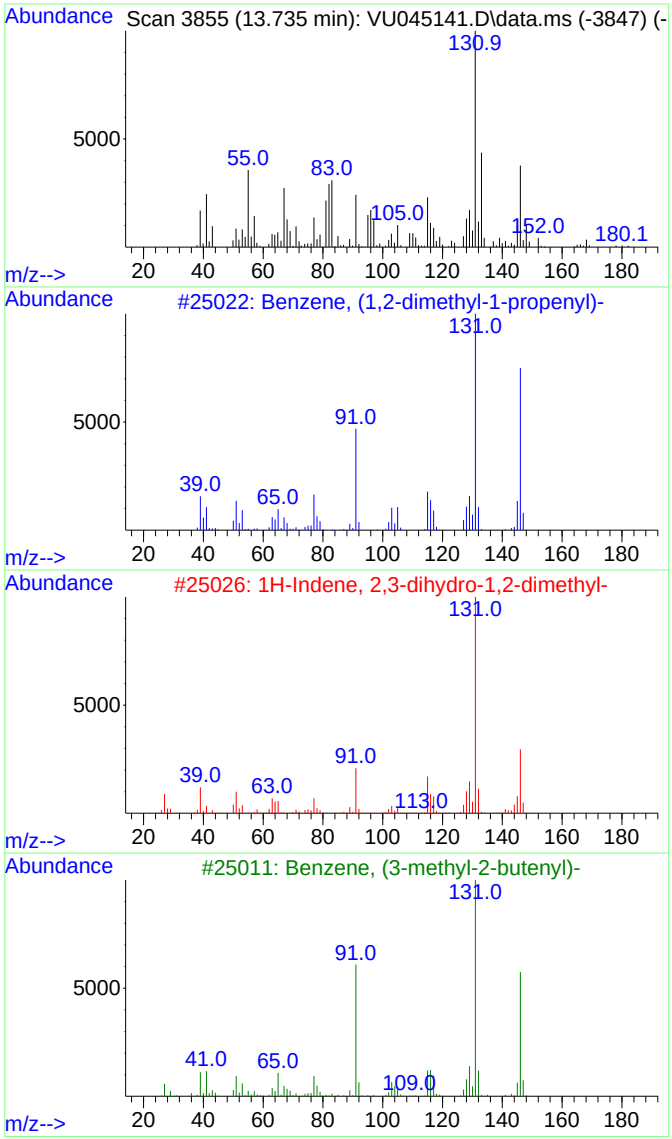
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

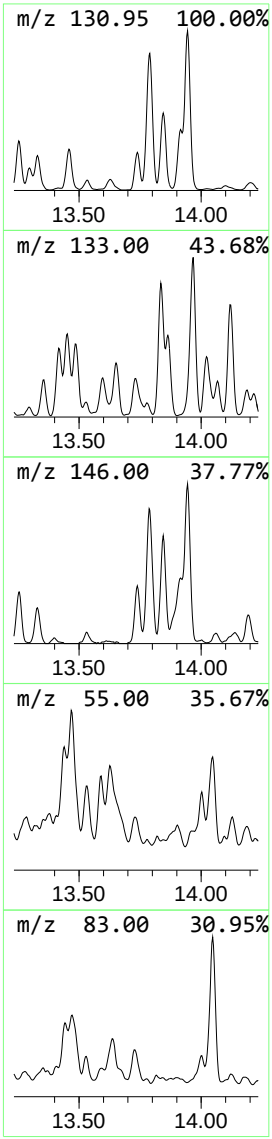
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.735	8.04 ug/L	246356	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

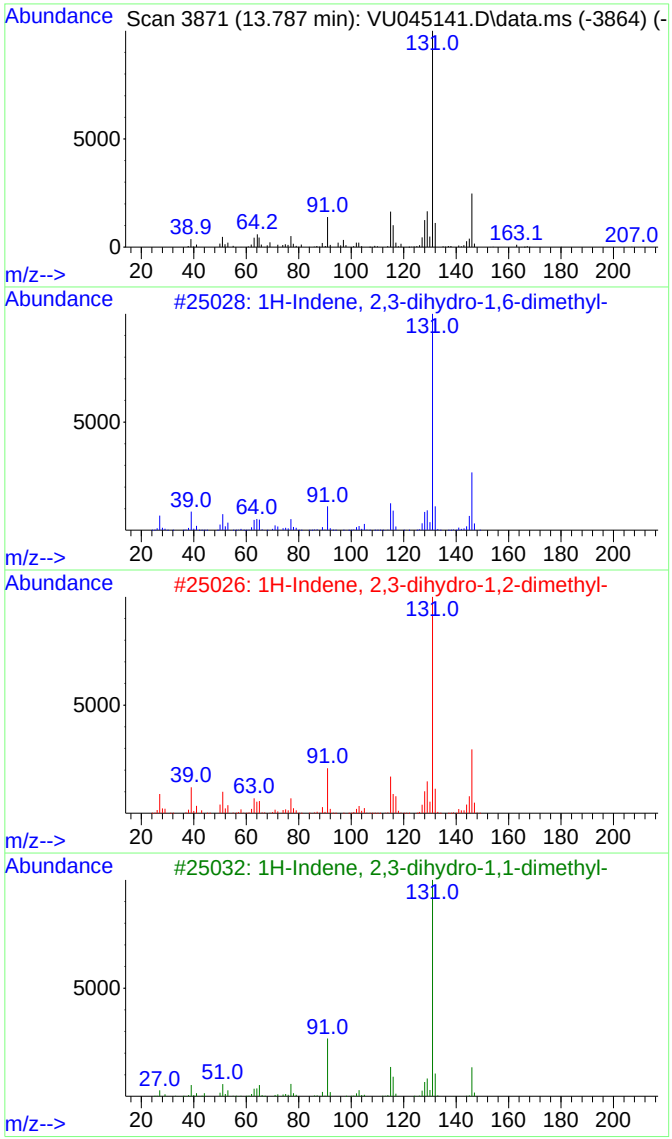
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

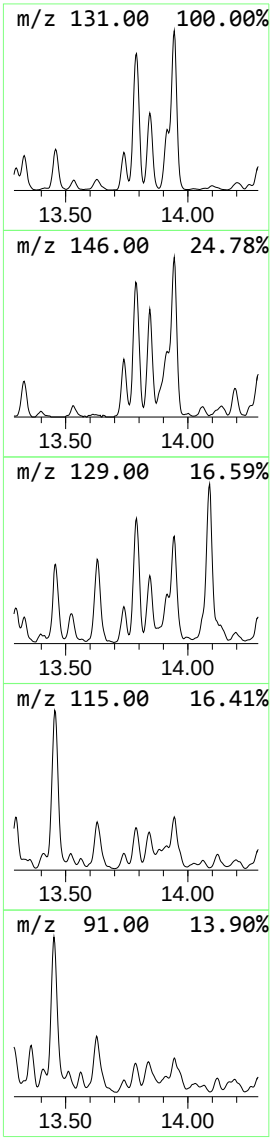
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.787	8.07 ug/L	247388	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

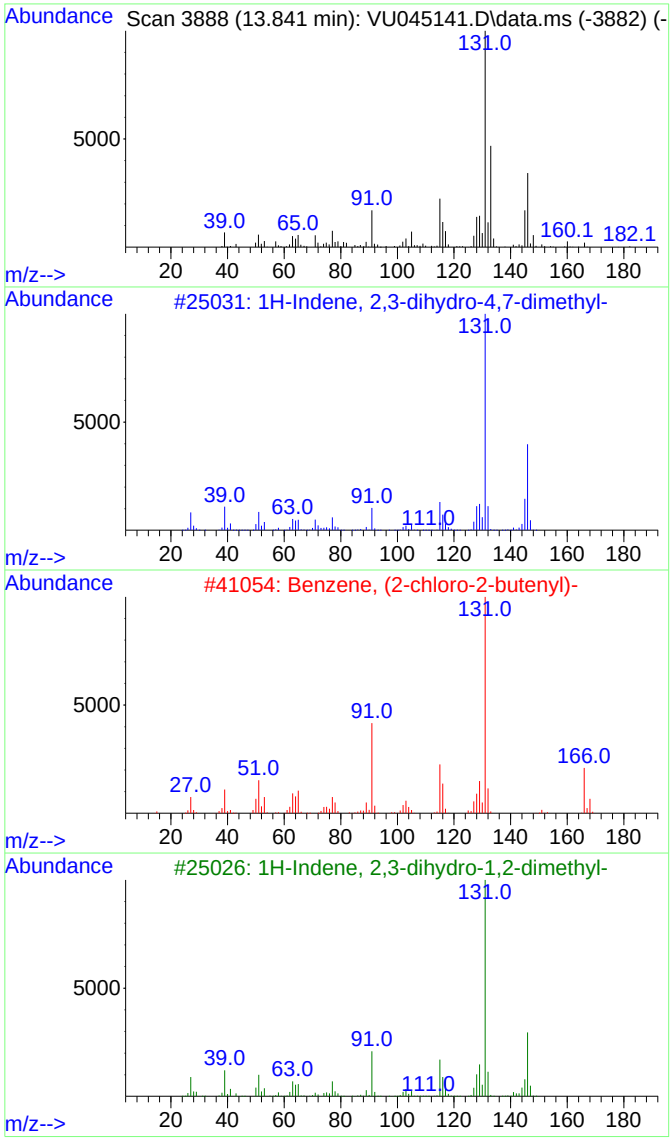
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

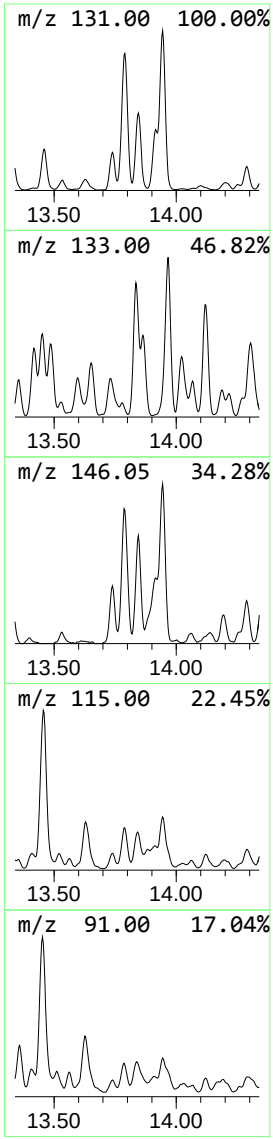
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.841	6.70 ug/L	205191	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
2	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	83
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	76
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

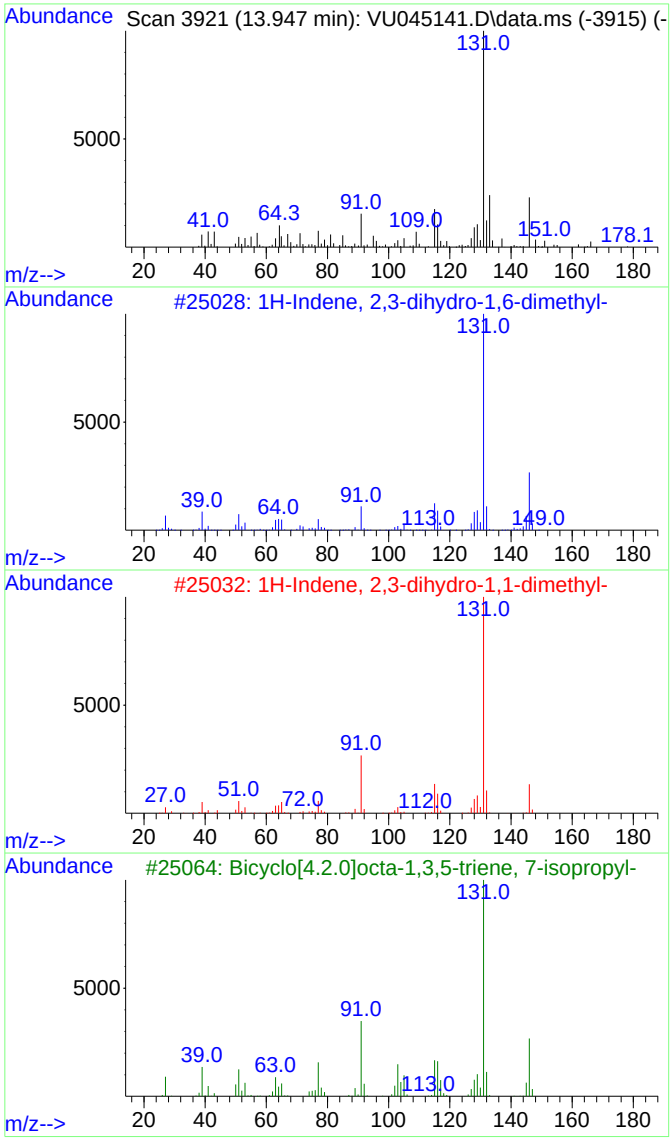
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

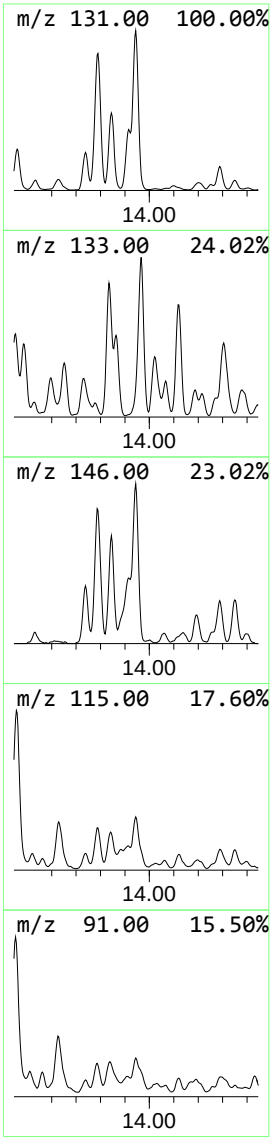
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.947	11.06 ug/L	338978	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	76
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

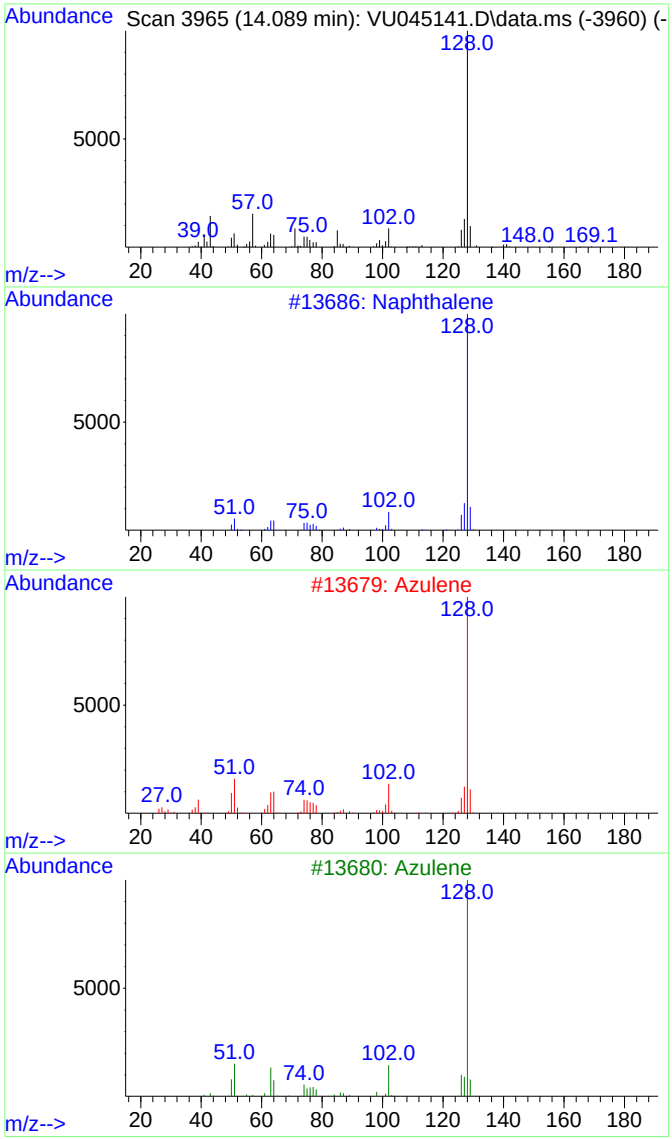
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

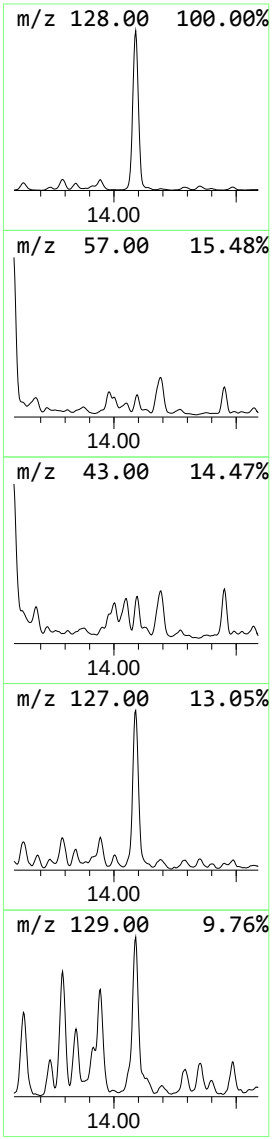
****

Peak Number 71 Azulene Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.089	7.33 ug/L	224764	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Azulene	128	C10H8	000275-51-4	87
3	Azulene	128	C10H8	000275-51-4	87
4	Azulene	128	C10H8	000275-51-4	87
5	Naphthalene	128	C10H8	000091-20-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

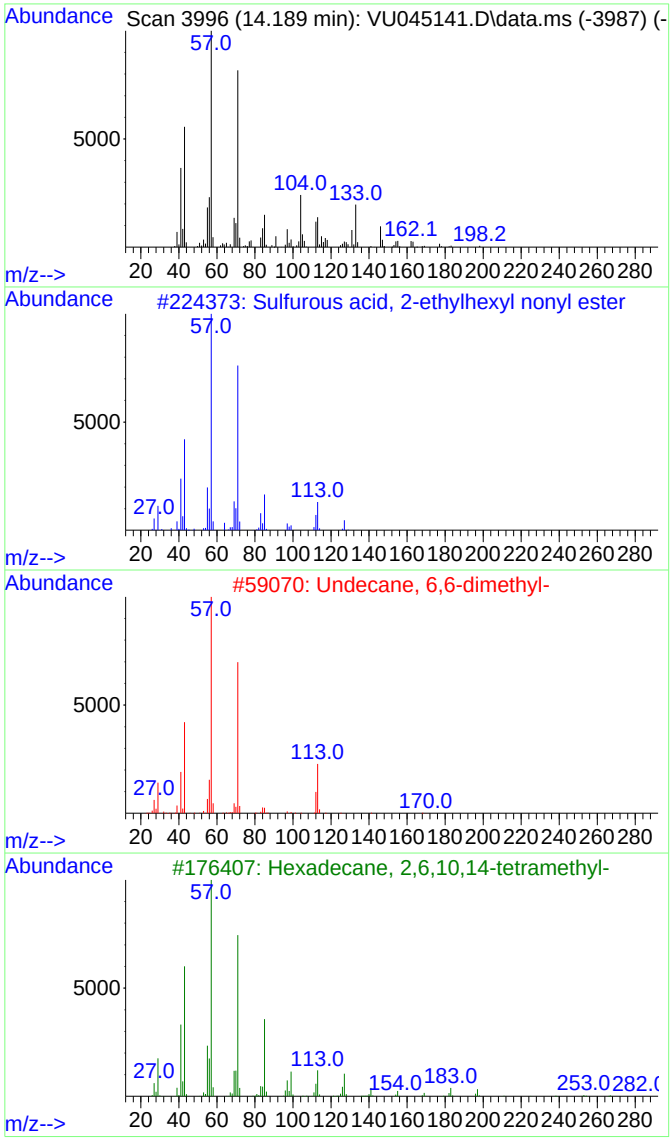
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

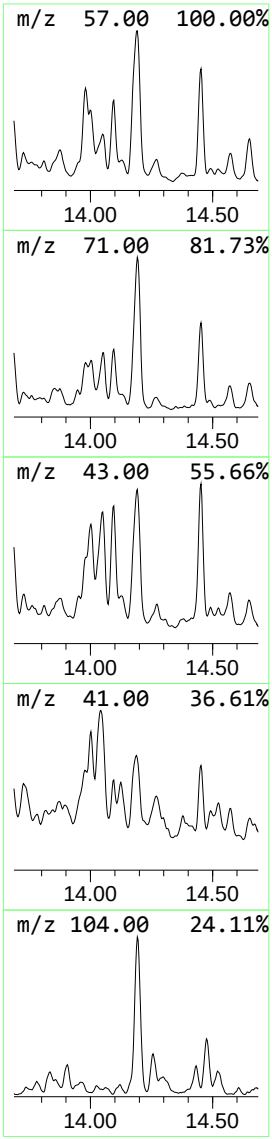
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 Sulfurous acid, 2-ethylhexy... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.188	12.92 ug/L	396034	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	52
2	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	50
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	50
5	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

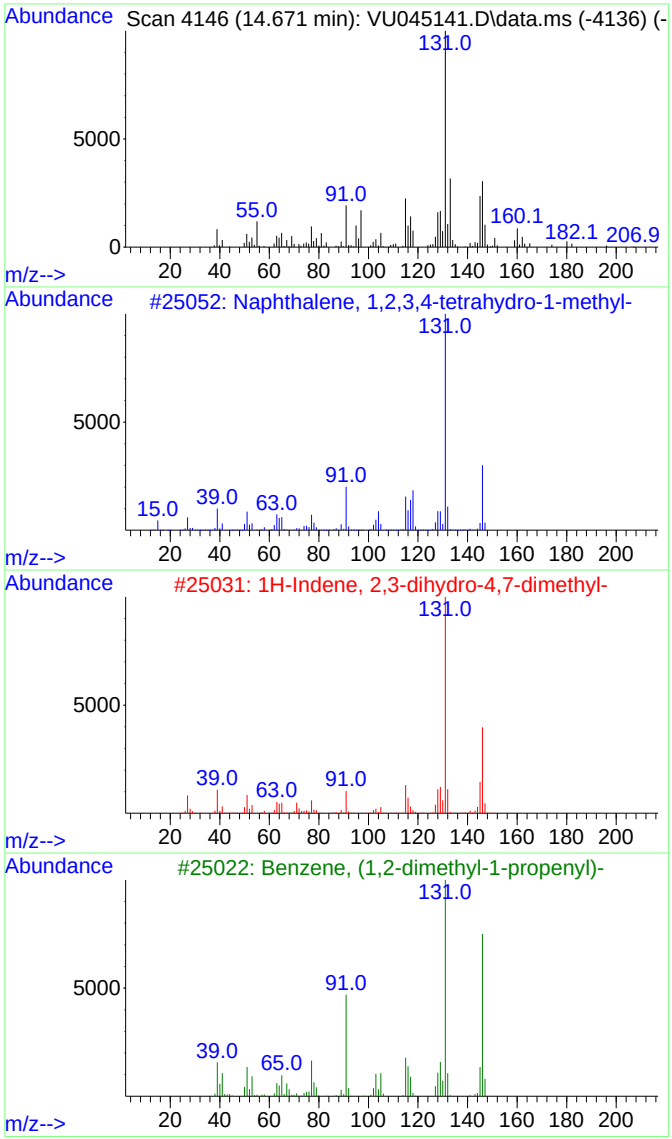
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

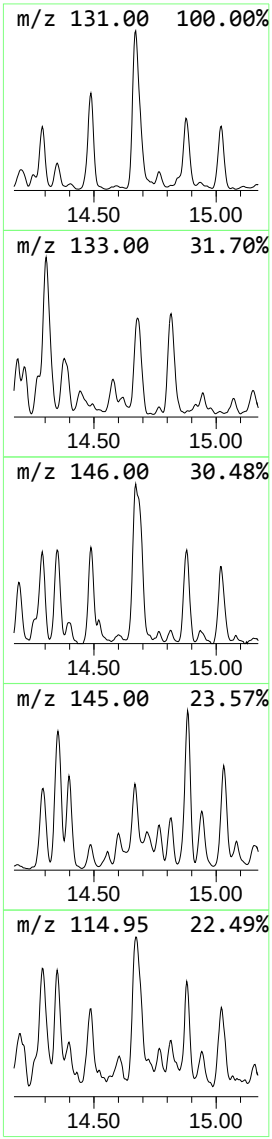
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.671	11.01 ug/L	337504	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	68
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

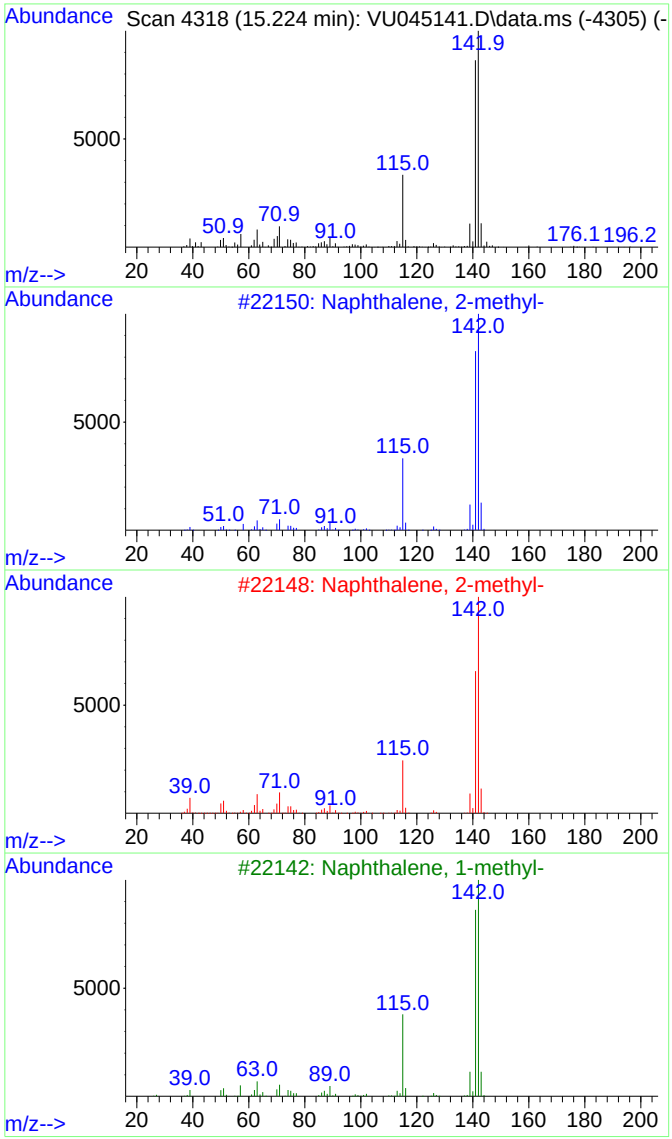
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

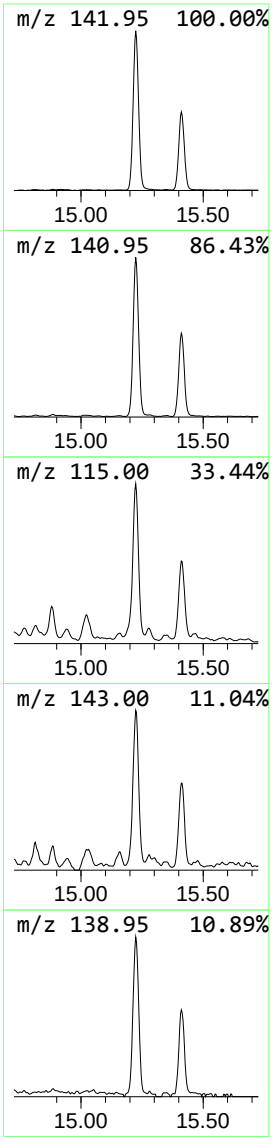
****

Peak Number 75 Naphthalene, 2-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.224	13.53 ug/L	414577	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW904DL

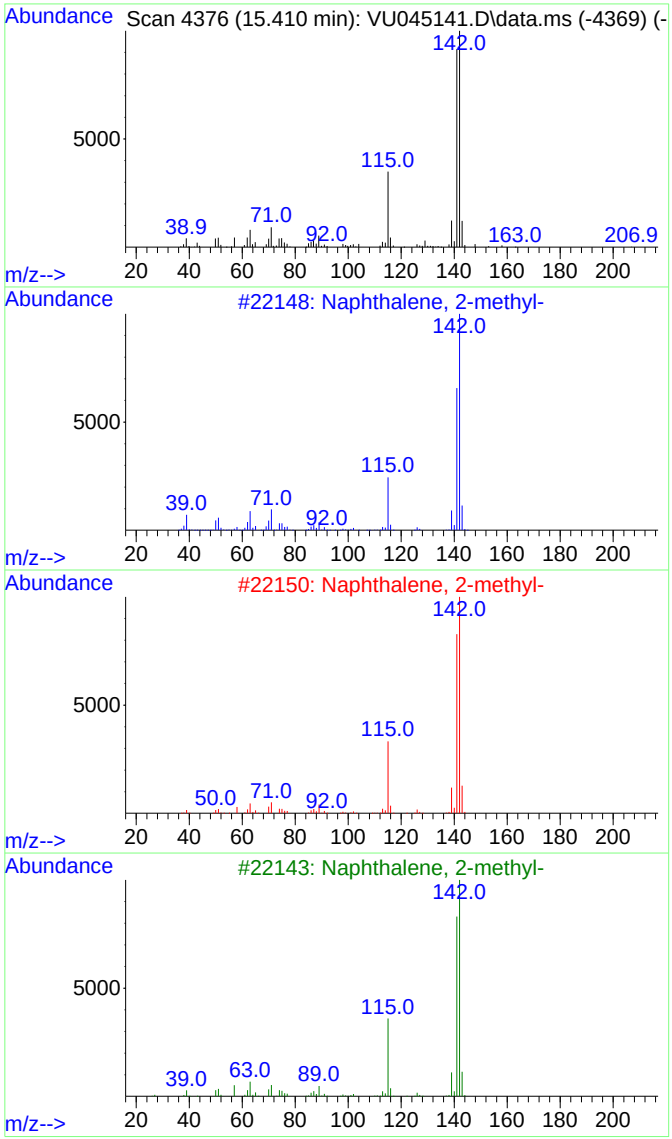
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

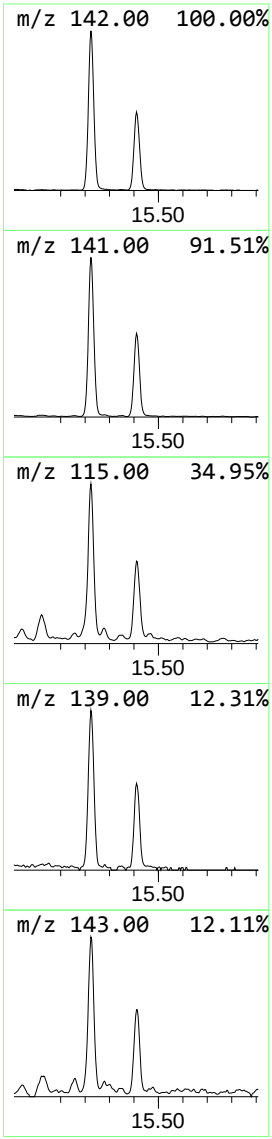
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 76 Naphthalene, 1-methyl- Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	5.41 ug/L	165938	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045141.D
Acq On : 05 Oct 2021 13:47
Operator : SY/MD
Sample : M4000-09DL 10X
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW904DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.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...	3.083	8.3	ug/L	115576	1	6.253	695677	50.0
(DEL) Alkane: S...	3.700	21.4	ug/L	297606	1	6.253	695677	50.0
(DEL) Alkane: C...	4.533	16.5	ug/L	229388	1	6.253	695677	50.0
(DEL) Alkane: S...	5.594	28.2	ug/L	392334	1	6.253	695677	50.0
(DEL) Alkane: C...	5.851	16.8	ug/L	233357	1	6.253	695677	50.0
(DEL) Alkane: C...	5.925	10.8	ug/L	149982	1	6.253	695677	50.0
(DEL) Alkane: C...	5.993	28.7	ug/L	399739	1	6.253	695677	50.0
(DEL) Alkane: S...	6.137	87.0	ug/L	1210850	1	6.253	695677	50.0
(DEL) Alkane: C...	6.983	15.8	ug/L	219276	1	6.253	695677	50.0
(DEL) Alkane: C...	7.076	23.1	ug/L	321234	1	6.253	695677	50.0
(DEL) Alkane: C...	7.237	30.0	ug/L	417559	1	6.253	695677	50.0
Cyclopentene, 1...	7.401	10.6	ug/L	146984	1	6.253	695677	50.0
(DEL) Alkane: S...	7.501	81.0	ug/L	1126470	1	6.253	695677	50.0
(DEL) Alkane: S...	7.661	35.8	ug/L	498728	1	6.253	695677	50.0
Cyclohexene, 1-...	7.761	18.1	ug/L	252391	1	6.253	695677	50.0
(DEL) Alkane: C...	8.025	18.2	ug/L	294863	2	9.420	808325	50.0
(DEL) Alkane: C...	8.243	57.8	ug/L	934499	2	9.420	808325	50.0
(DEL) Alkane: C...	8.372	19.6	ug/L	317604	2	9.420	808325	50.0
1,3-Dimethyl-1-...	8.414	11.5	ug/L	185257	2	9.420	808325	50.0
Oxalic acid, is...	8.539	12.9	ug/L	209180	2	9.420	808325	50.0
(DEL) Alkane: S...	8.761	19.1	ug/L	309222	2	9.420	808325	50.0
(DEL) Alkane: C...	8.806	24.1	ug/L	389904	2	9.420	808325	50.0
(DEL) Alkane: C...	8.867	50.3	ug/L	812848	2	9.420	808325	50.0
(DEL) Alkane: C...	8.928	69.1	ug/L	1116940	2	9.420	808325	50.0
(DEL) Alkane: S...	9.073	41.9	ug/L	676824	2	9.420	808325	50.0
(DEL) Alkane: S...	9.124	25.5	ug/L	412728	2	9.420	808325	50.0
(DEL) Alkane: C...	9.169	50.4	ug/L	814627	2	9.420	808325	50.0
(DEL) Alkane: S...	9.214	101.7	ug/L	1643670	2	9.420	808325	50.0
(DEL) Alkane: S...	9.337	117.9	ug/L	1906620	2	9.420	808325	50.0
unknown-01	9.481	8.3	ug/L	134013	2	9.420	808325	50.0
(DEL) Alkane: S...	9.748	103.2	ug/L	1669020	2	9.420	808325	50.0
(DEL) Alkane: C...	9.880	30.2	ug/L	488015	2	9.420	808325	50.0
unknown-02	9.957	10.3	ug/L	167144	2	9.420	808325	50.0
(DEL) Alkane: C...	10.031	93.4	ug/L	1509390	2	9.420	808325	50.0
(DEL) Alkane: S...	10.253	194.3	ug/L	3141680	2	9.420	808325	50.0
Cyclohexanone, ...	10.359	84.9	ug/L	1372370	2	9.420	808325	50.0
(DEL) Alkane: S...	10.395	87.3	ug/L	1410790	2	9.420	808325	50.0
(DEL) Alkane: S...	10.562	66.7	ug/L	1078720	2	9.420	808325	50.0
(DEL) Alkane: S...	10.626	50.1	ug/L	1536100	3	11.816	1532320	50.0
1H-Indene, octa...	10.700	6.1	ug/L	186720	3	11.816	1532320	50.0
(DEL) Alkane: S...	10.813	34.7	ug/L	1063810	3	11.816	1532320	50.0
Benzene, propyl-	10.909	7.3	ug/L	223971	3	11.816	1532320	50.0
unknown-03	10.951	7.7	ug/L	235010	3	11.816	1532320	50.0
Benzene, 1-ethy...	11.002	44.4	ug/L	1360530	3	11.816	1532320	50.0
(DEL) Alkane: C...	11.192	6.2	ug/L	190103	3	11.816	1532320	50.0
(DEL) Alkane: S...	11.246	6.8	ug/L	208125	3	11.816	1532320	50.0
Benzene, 1-ethy...	11.295	45.1	ug/L	1383720	3	11.816	1532320	50.0
(DEL) Alkane: S...	11.378	12.1	ug/L	370882	3	11.816	1532320	50.0
(DEL) Alkane: S...	11.417	55.4	ug/L	1697170	3	11.816	1532320	50.0
(DEL) Alkane: S...	11.575	6.8	ug/L	207180	3	11.816	1532320	50.0
(DEL) Alkane: S...	11.645	33.0	ug/L	1010250	3	11.816	1532320	50.0
(DEL) Alkane: C...	11.716	47.4	ug/L	1453190	3	11.816	1532320	50.0

Benzene, 1,2,3-...	11.902	86.7	ug/L	2655790	3	11.816	1532320	50.0
(DEL) Alkane: S...	12.005	36.7	ug/L	1125250	3	11.816	1532320	50.0
Benzene, 2-prop...	12.099	22.8	ug/L	697471	3	11.816	1532320	50.0
(DEL) Alkane: C...	12.327	22.2	ug/L	679760	3	11.816	1532320	50.0
Benzene, 1-meth...	12.385	39.4	ug/L	1206340	3	11.816	1532320	50.0
Benzene, 2-ethy...	12.472	11.6	ug/L	355847	3	11.816	1532320	50.0
unknown-04	12.674	42.2	ug/L	1292650	3	11.816	1532320	50.0
(DEL) Alkane: C...	12.931	68.2	ug/L	2089880	3	11.816	1532320	50.0
1-Methyldecahyd...	13.050	58.9	ug/L	1805530	3	11.816	1532320	50.0
(DEL) Alkane: S...	13.137	12.7	ug/L	388692	3	11.816	1532320	50.0
2-Methyl-7-exo-...	13.356	6.3	ug/L	192758	3	11.816	1532320	50.0
o-Cymene	13.452	85.4	ug/L	2618160	3	11.816	1532320	50.0
(DEL) Alkane: S...	13.591	16.9	ug/L	519008	3	11.816	1532320	50.0
Naphthalene, 1,...	13.626	36.5	ug/L	1118480	3	11.816	1532320	50.0
Benzene, (1,2-d...	13.735	8.0	ug/L	246356	3	11.816	1532320	50.0
1H-Indene, 2,3-...	13.787	8.1	ug/L	247388	3	11.816	1532320	50.0
1H-Indene, 2,3-...	13.841	6.7	ug/L	205191	3	11.816	1532320	50.0
1H-Indene, 2,3-...	13.947	11.1	ug/L	338978	3	11.816	1532320	50.0
Azulene	14.089	7.3	ug/L	224764	3	11.816	1532320	50.0
Sulfurous acid,...	14.188	12.9	ug/L	396034	3	11.816	1532320	50.0
Naphthalene, 1,...	14.671	11.0	ug/L	337504	3	11.816	1532320	50.0
Naphthalene, 2-...	15.224	13.5	ug/L	414577	3	11.816	1532320	50.0
Naphthalene, 1-...	15.410	5.4	ug/L	165938	3	11.816	1532320	50.0

Instrument :
MSVOA_U
ClientSampleId :
EW904DL