LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

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\SFAMULM112921WMA.M
Title : VOC Analysis

Signal : TIC: VU046099.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	73	81	93	rBV	96782	106371	2.28%	0.208%
2	1.861	159	162	164	rBV2	387	291	0.01%	0.001%
3	1.916	171	179	193	rVB	68681	89478	1.91%	0.175%
4	2.237	275	279	285	rBV2	186	184	0.00%	0.000%
5	2.568	370	382	407	rBV	171602	283311	6.06%	0.554%
6	2.797	447	453	459	rVV2	290	422	0.01%	0.001%
7	2.925	487	493	496	rBV	153	225	0.00%	0.000%
8	2.961	501	504	508	rBV2	267	310	0.01%	0.001%
9	3.018	518	522	524	rBV	136	142	0.00%	0.000%
10	3.047	524	531	532	rBV2	978	957	0.02%	0.002%
11	3.086	538	543	549	rVB3	852	1083	0.02%	0.002%
12	3.179	565	572	575	rBV3	685	814	0.02%	0.002%
13	3.362	622	629	637	rBV2	748	1284	0.03%	0.003%
14	3.697	727	733	734	rBV2	1170	1241	0.03%	0.002%
15	4.430	959	961	964	rBB2	412	229	0.00%	0.000%
16	4.446	964	966	970	rBV2	310	229	0.00%	0.000%
17	4.526	988	991	992	rBV2	471	280	0.01%	0.001%
18	4.639	1011	1026	1056	rBV2	62720	179496	3.84%	0.351%
19	4.822	1081	1083	1086	rVB2	247	150	0.00%	0.000%
20	4.854	1089	1093	1097	rVB2	282	344	0.01%	0.001%
21	4.877	1098	1100	1104	rBB	244	139	0.00%	0.000%
22	5.067	1142	1159	1182	rVB	133869	301585	6.45%	0.589%
23	5.292	1226	1229	1230	rVV	219	127	0.00%	0.000%
24	5.372	1244	1254	1266	rVB4	5050	10120	0.22%	0.020%
25	5.462	1271	1282	1293	rBB6	2318	4678	0.10%	0.009%
26	5.507	1293	1296	1299	rBV	130	135	0.00%	0.000%
27	5.594	1312	1323	1337	rBV4	7041	14626	0.31%	0.029%
28	5.726	1342	1364	1392	rBV2	294184	791342	16.93%	1.546%
29	5.845	1394	1401	1404	rBV6	1502	2050	0.04%	0.004%
30	5.893	1412	1416	1418	rBV3	2556	2150	0.05%	0.004%
31	5.976	1433	1442	1454	rVB8	1632	4107	0.09%	0.008%
32	6.028	1455	1458	1460	rBV2	228	129	0.00%	0.000%
33	6.134	1482	1491	1502	rBB3	8432	15479	0.33%	0.030%
34	6.250	1512	1527	1548	rBV	298887	559896	11.98%	1.094%
35	6.372	1564	1565	1570	rVB	346	204	0.00%	0.000%
36	6.404	1573	1575	1582	rVB	294	337	0.01%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

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\SFAMULM112921WMA.M
Title : VOC Analysis

37	6.513	1596	1609	1627	rBV4	13043	32972	0.71%	0.064%
38	6.603	1631	1637	1650	rVB5	1195	2393	0.05%	0.005%
39	6.694	1651	1665	1679	rBV	176984	342120	7.32%	0.669%
40	6.867	1710	1719	1728	rVB3	5064	8011	0.17%	0.016%
41	6.925	1733	1737	1745	rVB4	522	662	0.01%	0.001%
42	6.983	1747	1755	1763	rVB5	1318	1921	0.04%	0.004%
43	7.066	1768	1781	1793	rVB5	2490	5417	0.12%	0.011%
44	7.259	1827	1841	1855	rBB5	6208	13682	0.29%	0.027%
45	7.330	1860	1863	1866	rBV	339	271	0.01%	0.001%
46	7.382	1869	1879	1887	rBV4	6100	12418	0.27%	0.024%
47	7.430	1888	1894	1904	rVB5	4624	7620	0.16%	0.015%
48	7.501	1905	1916	1923	rBV	19530	33975	0.73%	0.066%
49	7.568	1926	1937	1949	rVB	104668	187362	4.01%	0.366%
50	7.658	1957	1965	1987	rVB	22781	48514	1.04%	0.095%
51	7.755	1989	1995	1996	rBV3	727	562	0.01%	0.001%
52	7.857	2012	2027	2029	rBV4	21134	35397	0.76%	0.069%
53	7.899	2030	2040	2052	rVV	397810	683588	14.63%	1.336%
54	7.970	2052	2062	2074	rVB	152603	256129	5.48%	0.501%
55	8.131	2104	2112	2119	rBV2	31716	46047	0.99%	0.090%
56	8.179	2119	2127	2138	rVB	71634	115125	2.46%	0.225%
57	8.247	2139	2148	2161	rVB3	18414	35748	0.76%	0.070%
58	8.317	2161	2170	2175	rBV3	1990	3325	0.07%	0.006%
59	8.372	2177	2187	2204	rBV3	12679	32670	0.70%	0.064%
60	8.536	2228	2238	2257	rVB4	15857	32641	0.70%	0.064%
61	8.636	2257	2269	2283	rBV	260555	472975	10.12%	0.924%
62	8.758	2299	2307	2314	rBV2	39951	75874	1.62%	0.148%
63	8.867	2334	2341	2349	rVB2	42418	64899	1.39%	0.127%
64	8.925	2350	2359	2367	rBV2	55420	104099	2.23%	0.203%
65	9.121	2413	2420	2427	rBV4	43709	74481	1.59%	0.146%
66	9.169	2429	2435	2441	rVV4	76939	136985	2.93%	0.268%
67	9.214	2442	2449	2461	rVB3	204671	339206	7.26%	0.663%
68	9.336	2476	2487	2500	rBV	213770	358106	7.66%	0.700%
69	9.417	2502	2512	2528	rVB	419987	712363	15.24%	1.392%
70	9.571	2548	2560	2572	rBV	828959	1339701	28.66%	2.618%
71	9.693	2586	2598	2608	rBV	2369425	4041547	86.47%	7.898%
72	9.883	2645	2657	2669	rBV6	29586	72988	1.56%	0.143%
73	9.954	2671	2679	2688	rBV5	29878	56961	1.22%	0.111%
74	10.021	2689	2700	2713	rBV4	270549	635239	13.59%	1.241%
75	10.102	2716	2725	2740	rVB2	752519	1405104	30.06%	2.746%
76	10.253	2755	2772	2785	rBV4	516409	1053065	22.53%	2.058%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

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\SFAMULM112921WMA.M
Title : VOC Analysis

77	10.356	2796	2804	2811	rBV4	365149	606514	12.98%	1.185%
78	10.558	2853	2867	2875	rBV3	342890	750733	16.06%	1.467%
79	10.758	2921	2929	2938	rBV2	696423	992657	21.24%	1.940%
80	10.906	2968	2975	2983	rBV	306096	433473	9.27%	0.847%
81	10.999	2996	3004	3018	rBV	857848	1939618	41.50%	3.790%
82	11.115	3035	3040	3056	rVB	2588033	3963275	84.80%	7.745%
83	11.295	3087	3096	3113	rBV3	489301	1283264	27.46%	2.508%
84	11.417	3128	3134	3141	rVB	690128	880870	18.85%	1.721%
85	11.468	3141	3150	3174	rVB	2621357	4673785	100.00%	9.133%
86	11.574	3175	3183	3189	rBV2	267024	452722	9.69%	0.885%
87	11.709	3216	3225	3232	rBV4	558242	999457	21.38%	1.953%
88	11.902	3271	3285	3295	rBV3	708147	1910243	40.87%	3.733%
89	12.098	3337	3346	3349	rBV2	420335	620255	13.27%	1.212%
90	12.188	3364	3374	3390	rVB7	1358083	2846043	60.89%	5.561%
91	12.330	3409	3418	3427	rVB	2193026	3121618	66.79%	6.100%
92	12.468	3454	3461	3464	rBV	333022	444839	9.52%	0.869%
93	12.931	3598	3605	3611	rBV3	236434	422034	9.03%	0.825%
94	13.433	3754	3761	3781	rVB3	626949	1491985	31.92%	2.916%
95	14.085	3955	3964	3984	rVB	2456982	4014059	85.88%	7.844%
96	14.449	4071	4077	4085	rBV	305750	382301	8.18%	0.747%
97	15.221	4306	4317	4328	rVB	1092368	1767753	37.82%	3.454%
98	15.407	4366	4375	4387	rBV2	620910	1010259	21.62%	1.974%
99	16.259	4633	4640	4647	rBV	293755	467884	10.01%	0.914%
100	16.407	4679	4686	4693	rBV	303967	442347	9.46%	0.864%

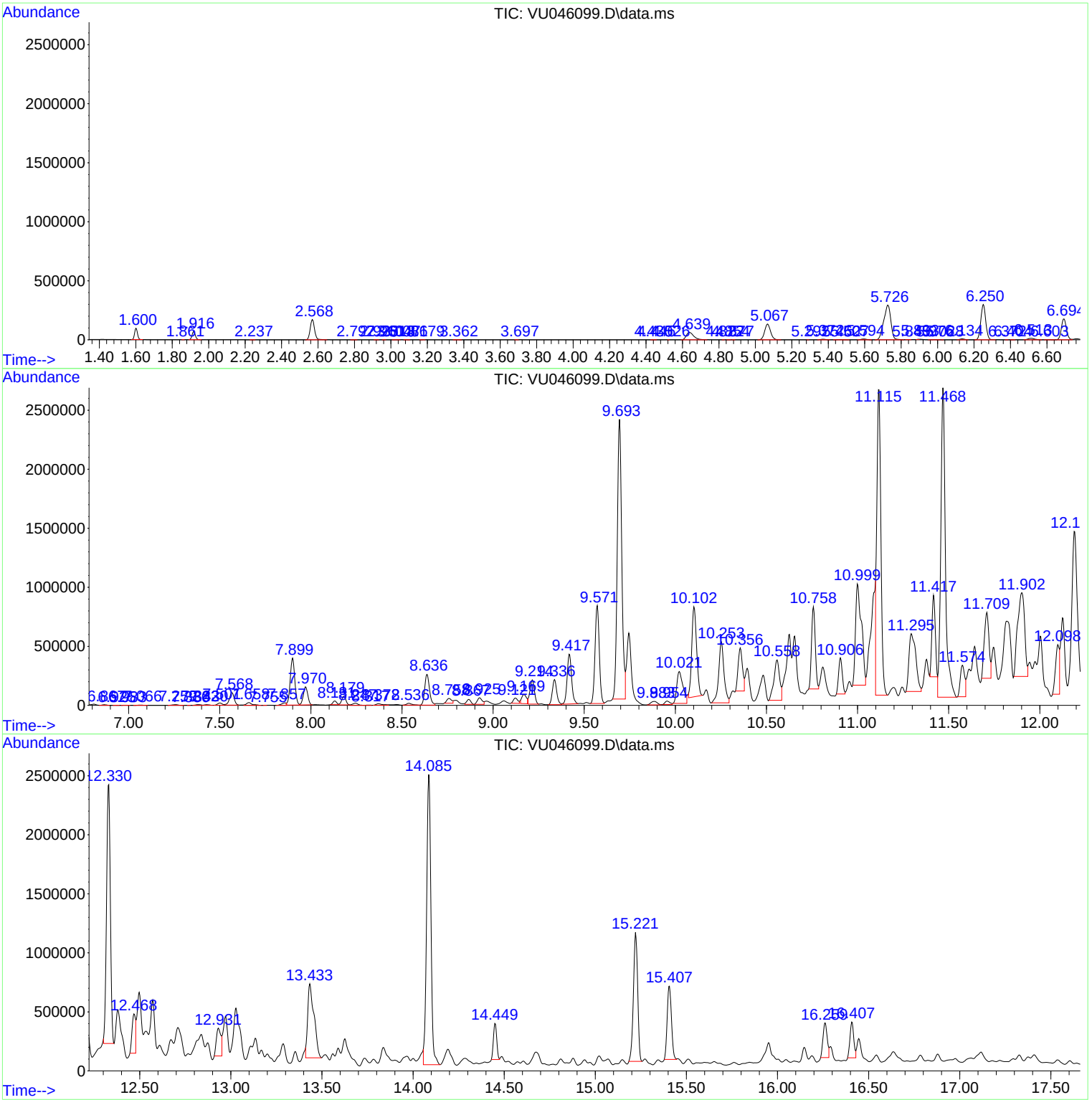
Sum of corrected areas: 51174096

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

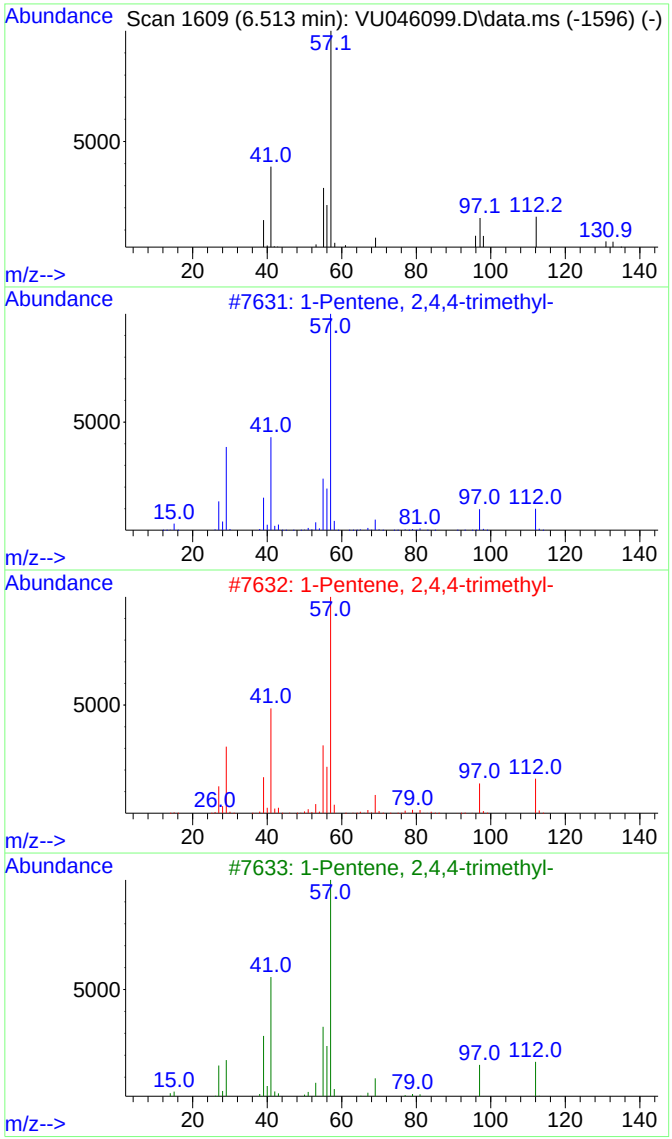
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

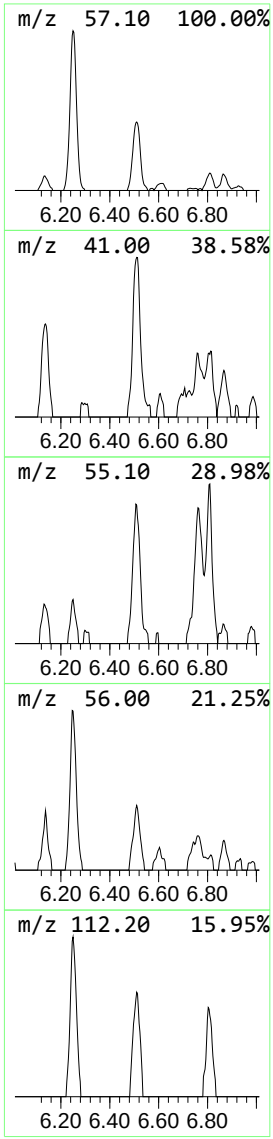
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.513	2.94 ug/L	32972	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	68
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	64
3	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	53
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	47
5	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

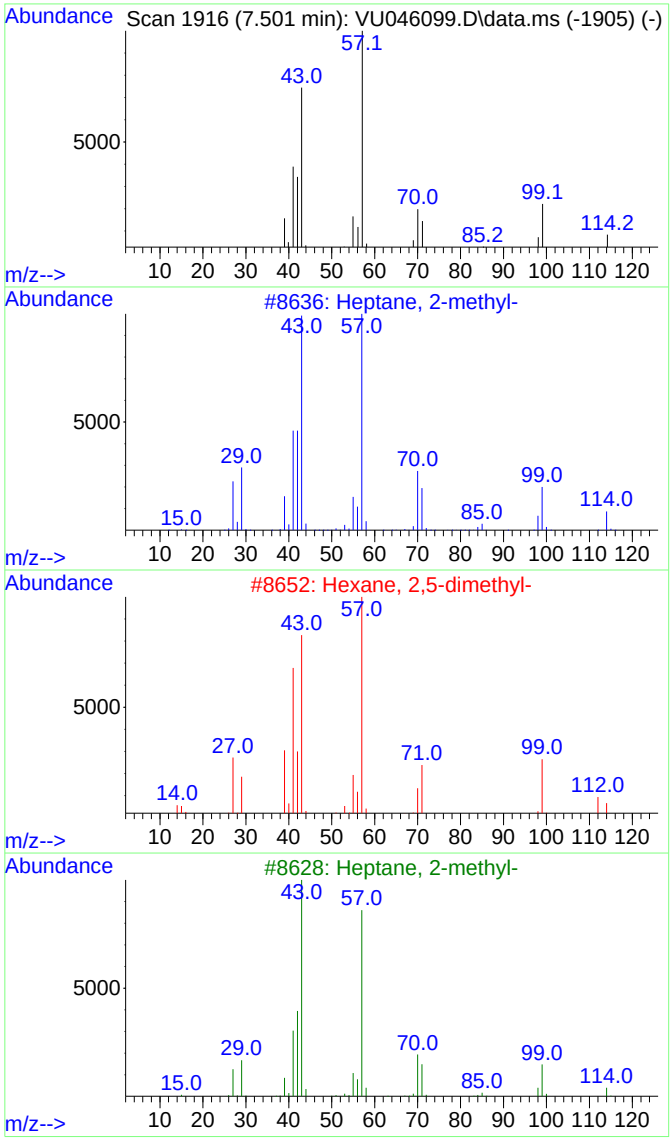
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

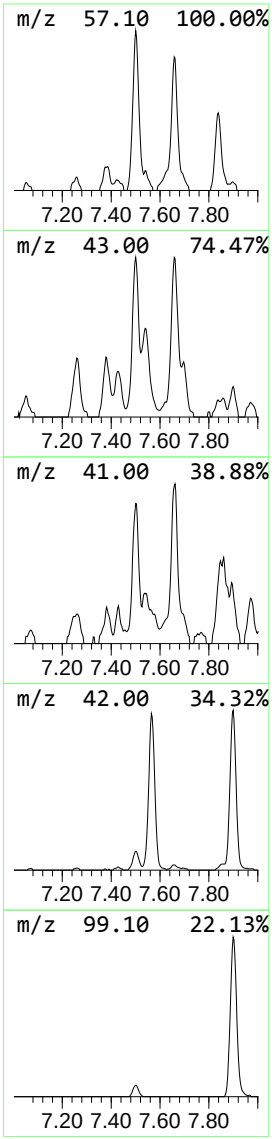
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.501	3.03 ug/L	33975	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	64
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

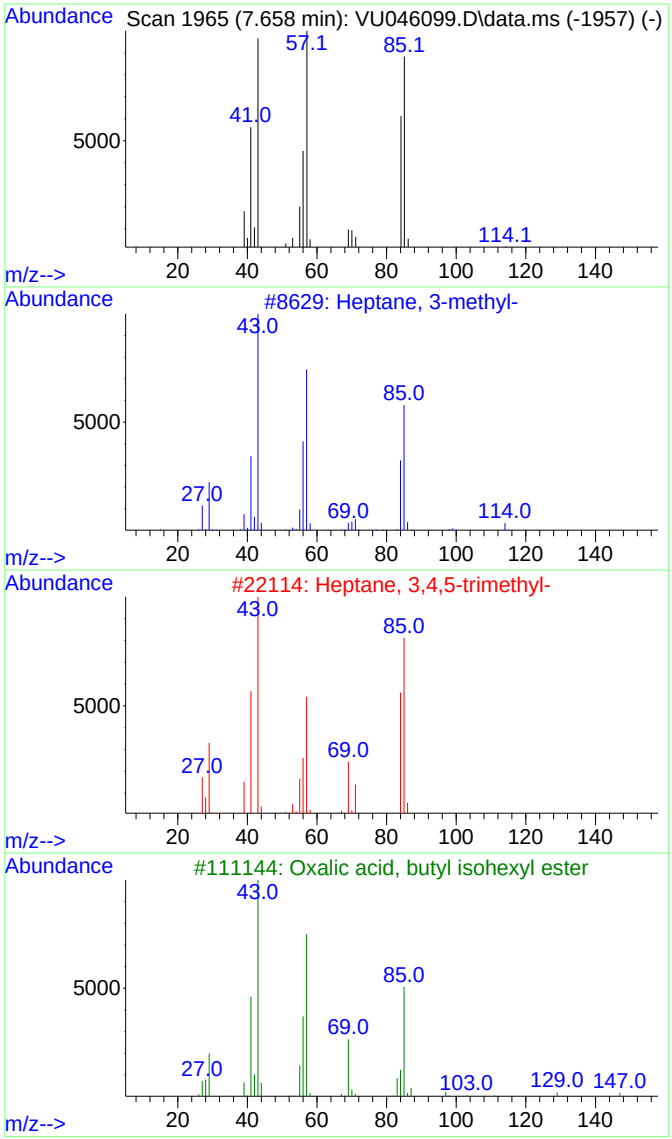
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

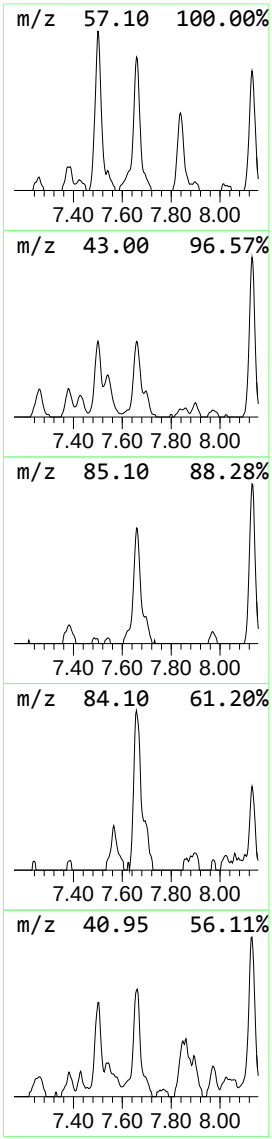
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.658	4.33 ug/L	48514	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	74
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	72
3	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	64
5	Nonane, 5-methyl-	142	C10H22	015869-85-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

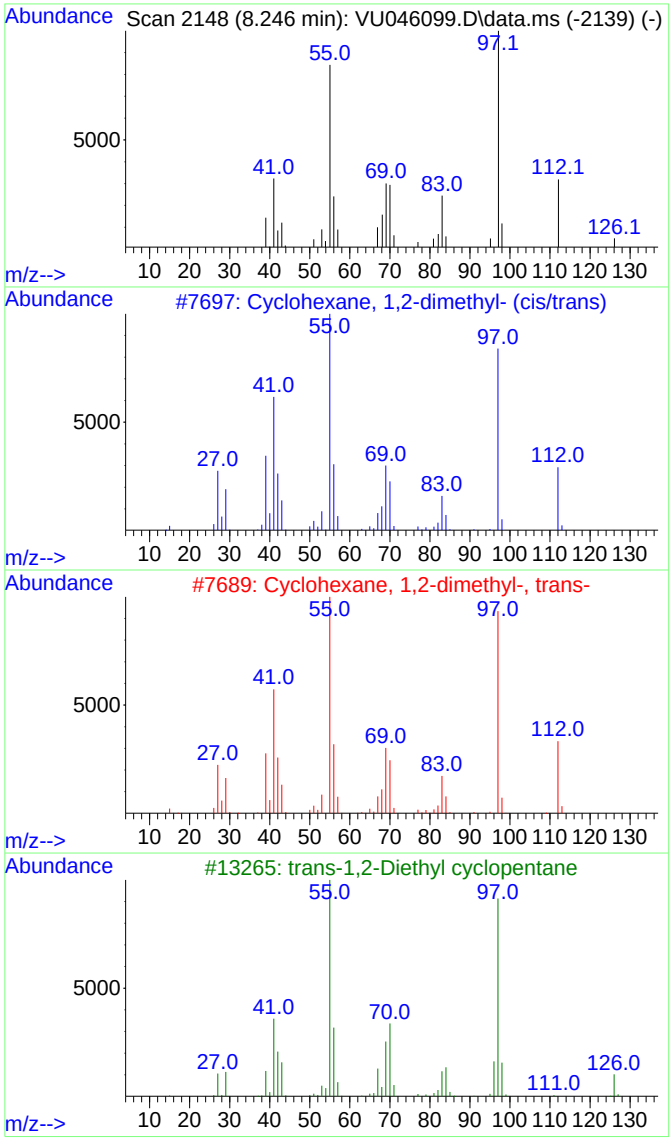
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

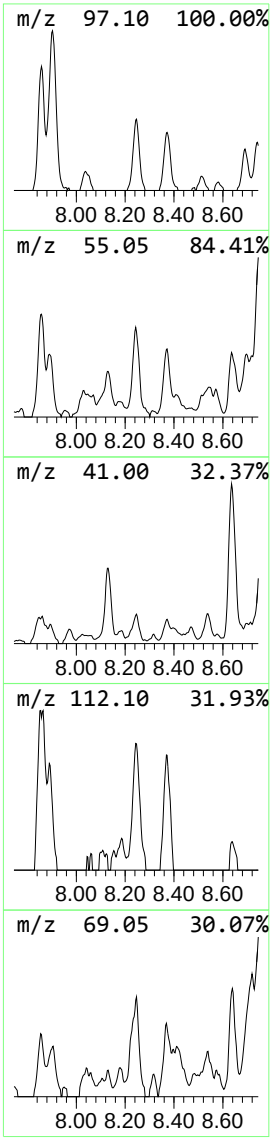
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic8.246 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.246	2.51 ug/L	35748	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
3	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	72
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

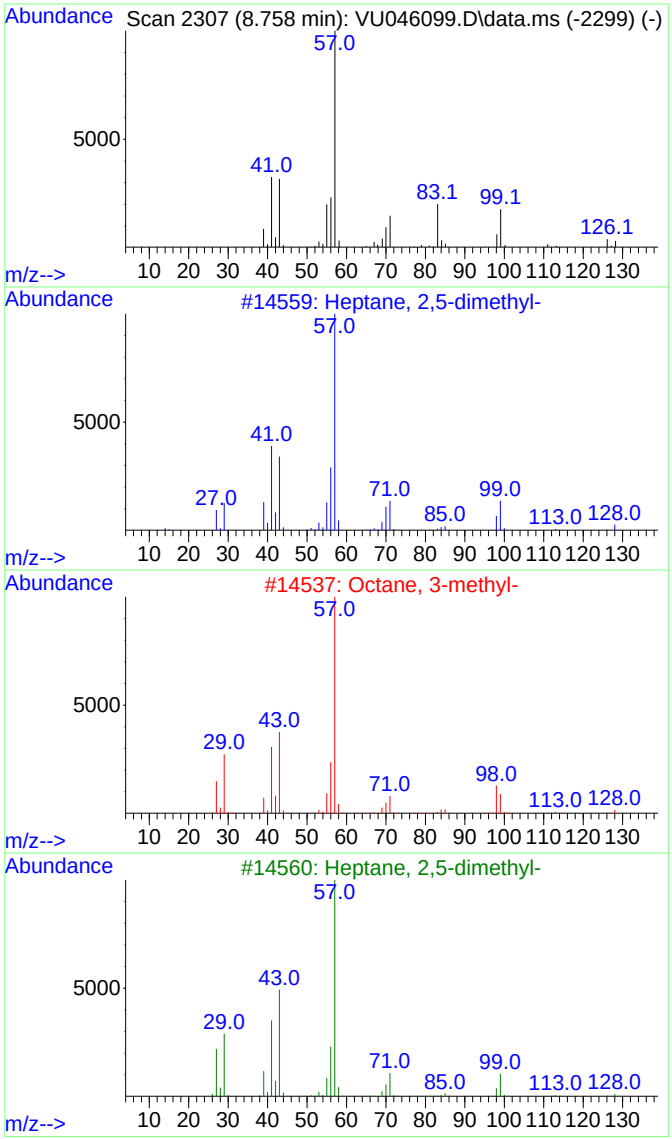
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

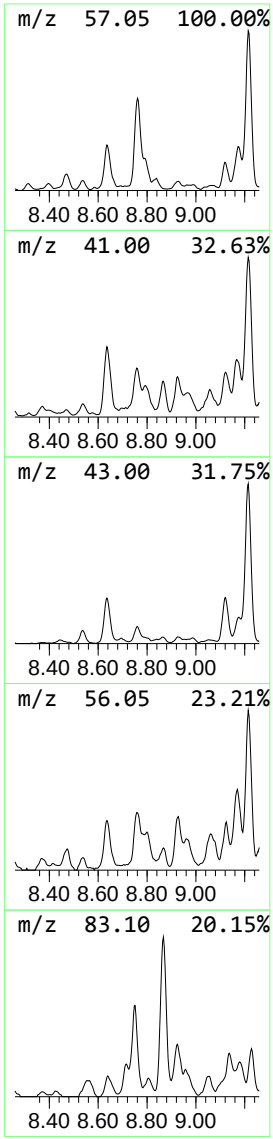
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.758	5.33 ug/L	75874	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
2	Octane, 3-methyl-	128	C9H20	002216-33-3	58
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	53
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	53
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

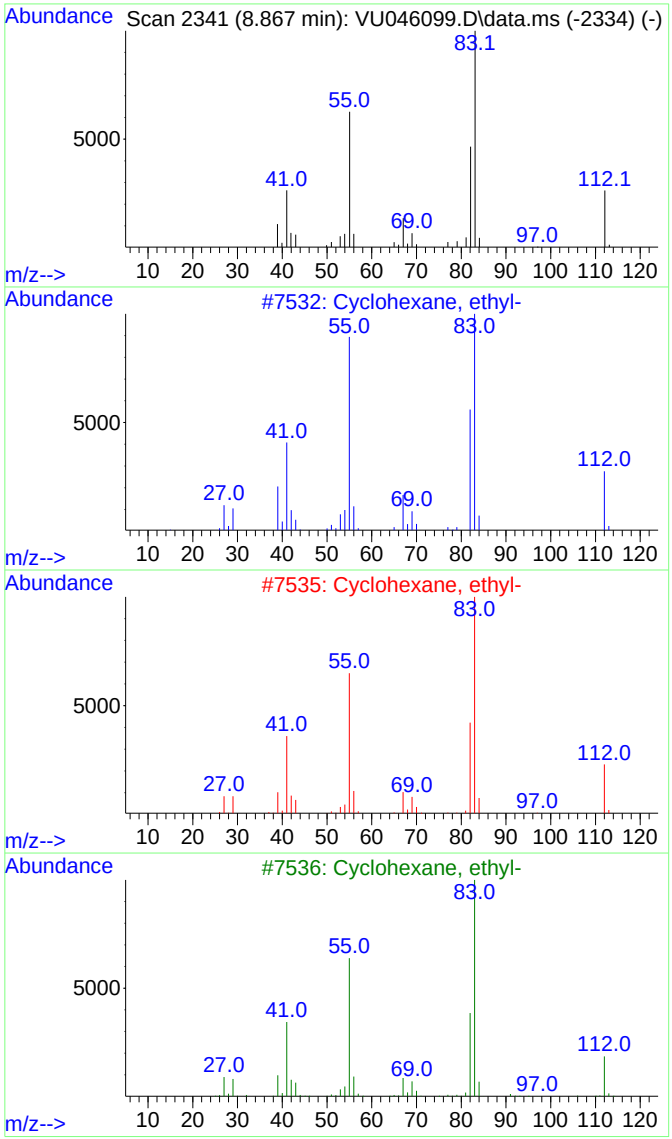
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

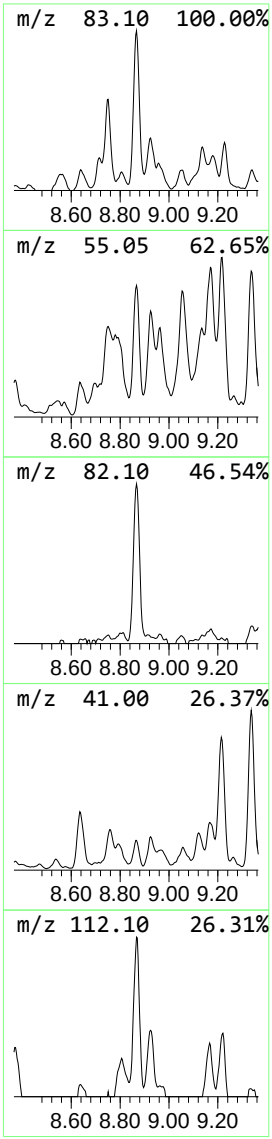
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic8.867 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.867	4.56 ug/L	64899	Chlorobenzene-d5	9.417

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	80
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

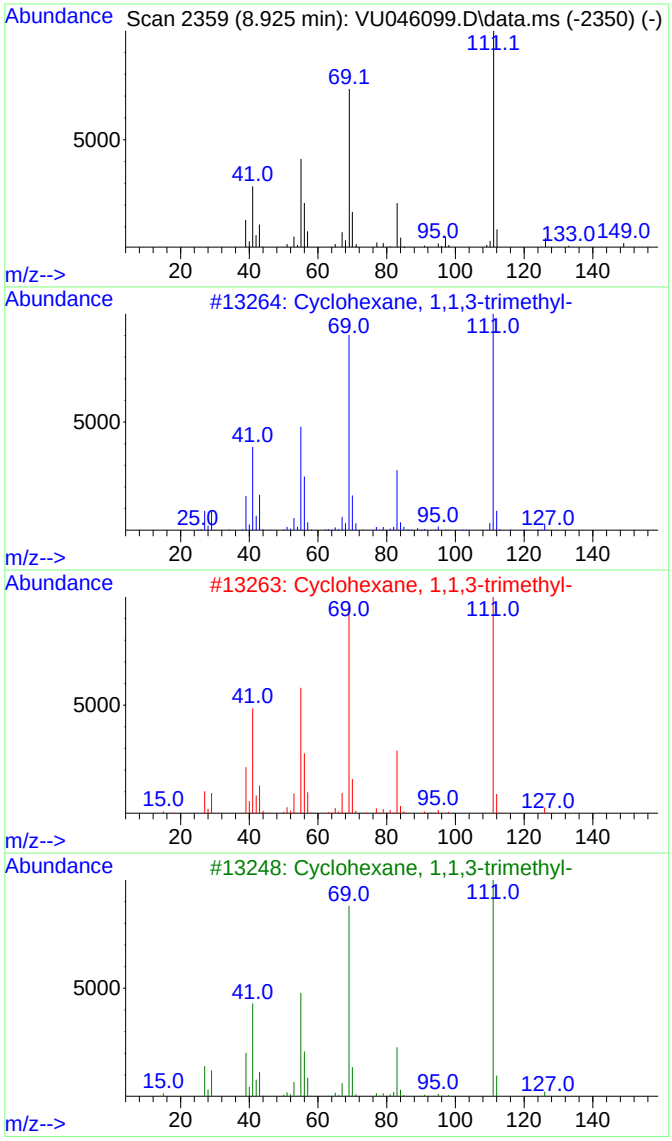
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

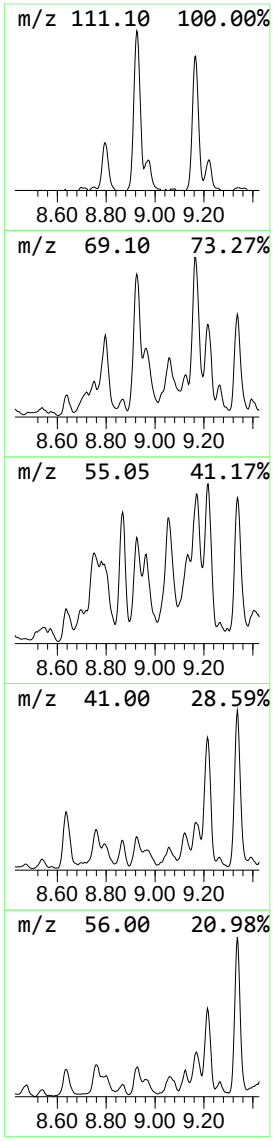
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic8.925 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.925	7.31 ug/L	104099	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

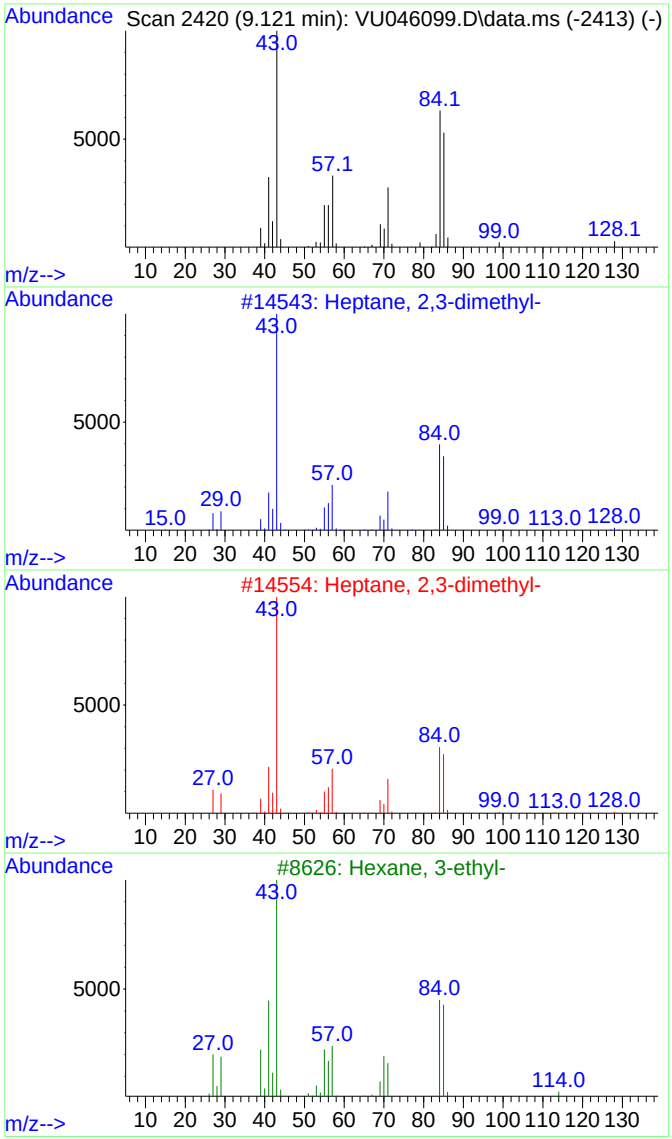
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

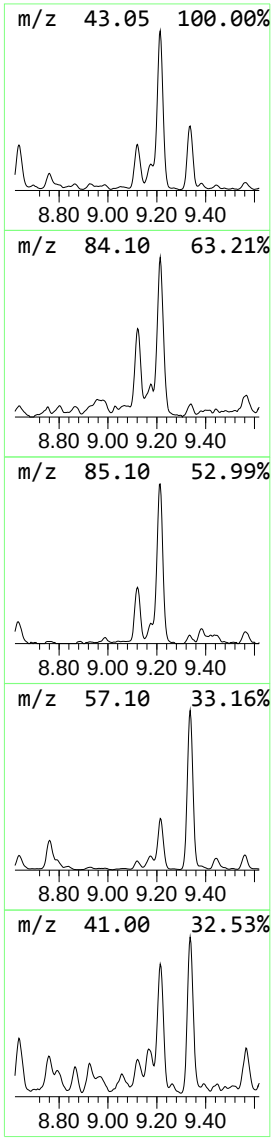
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.121	5.23 ug/L	74481	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	87
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	83
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

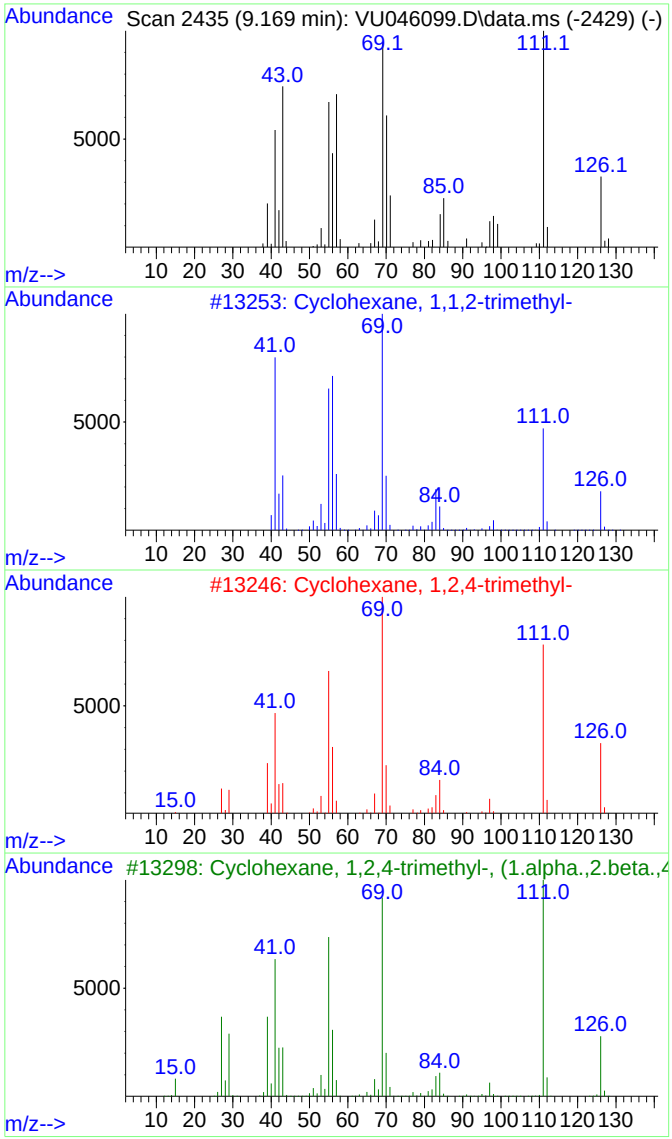
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

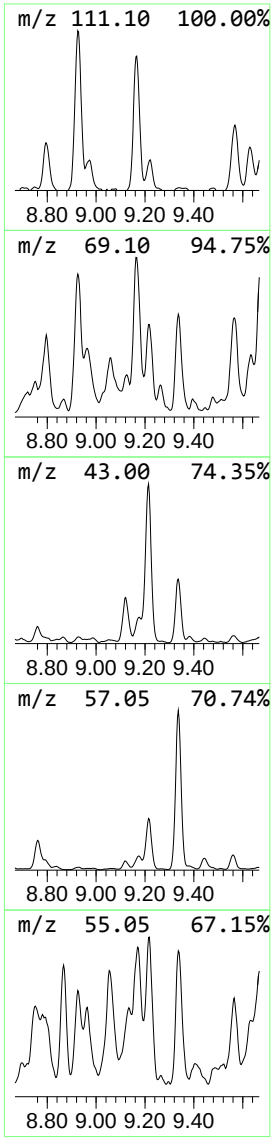
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic9.169 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	9.61 ug/L	136985	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	76
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	72
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	70
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

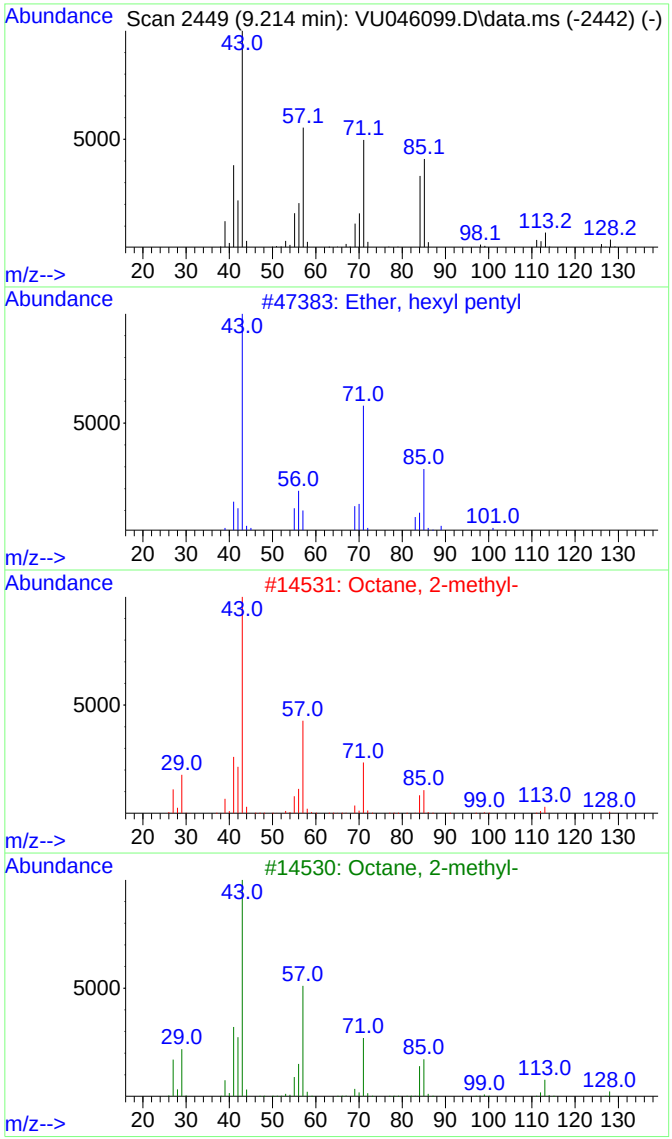
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

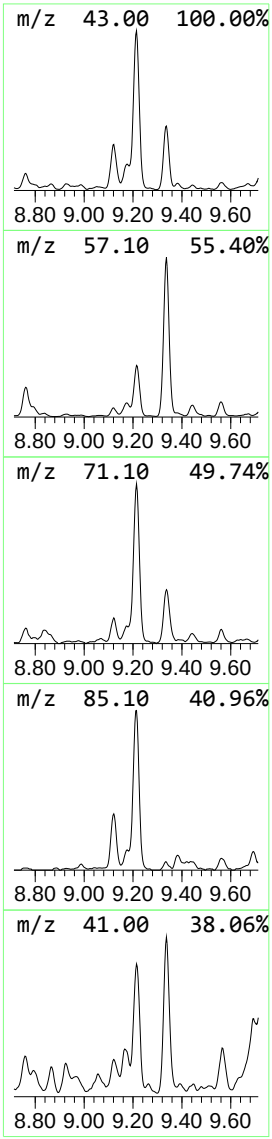
****

Peak Number 11 Ether, hexyl pentyl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.214	23.81 ug/L	339206	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
2	Octane, 2-methyl-	128	C9H20	003221-61-2	53
3	Octane, 2-methyl-	128	C9H20	003221-61-2	52
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

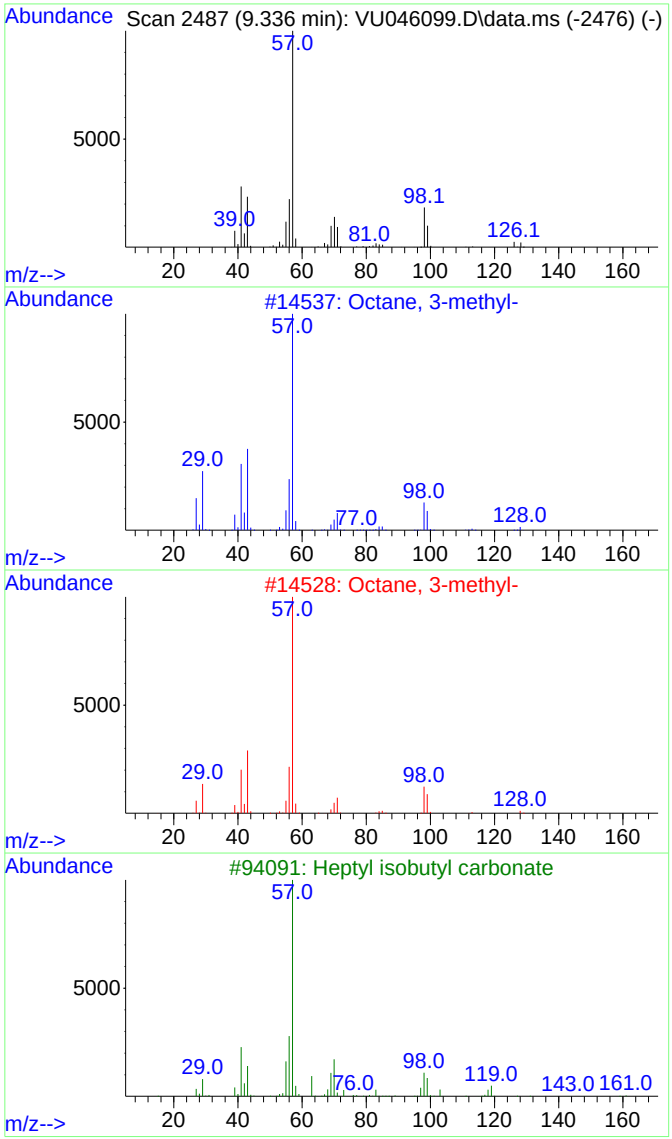
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

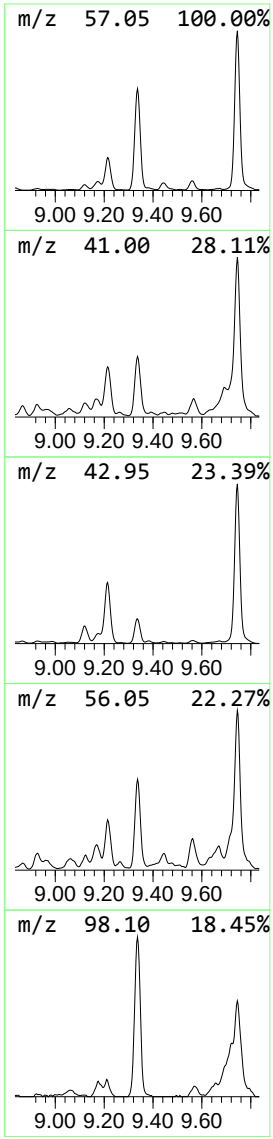
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.336	25.14 ug/L	358106	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	83
2	Octane, 3-methyl-	128	C9H20	002216-33-3	80
3	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	72
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	68
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

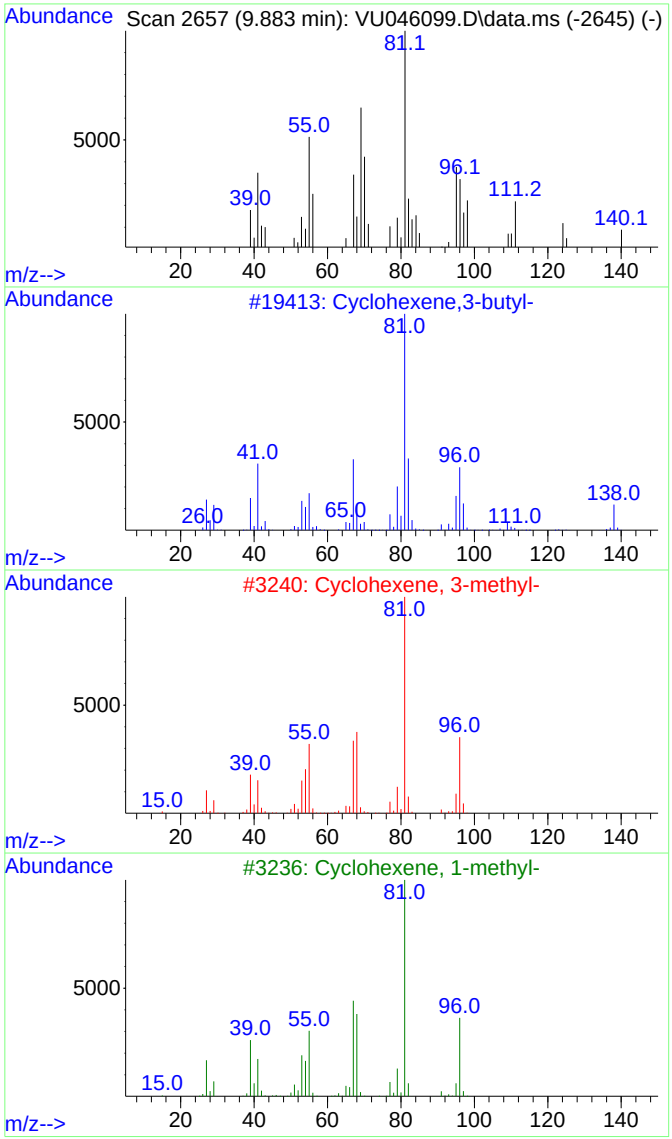
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

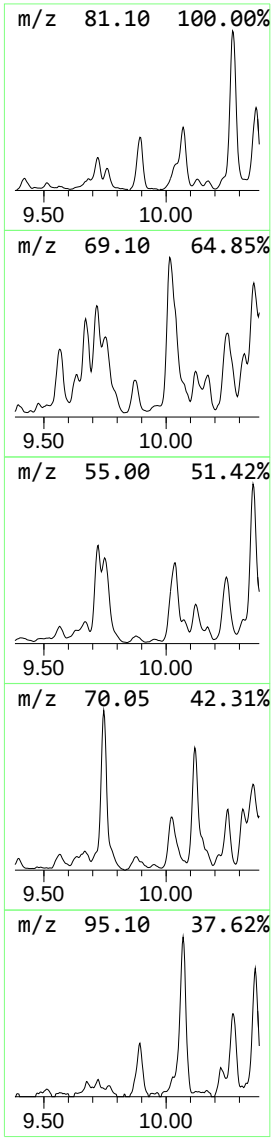
****

Peak Number 13 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.883	5.12 ug/L	72988	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene,3-butyl-	138	C10H18	003983-07-1	43
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	38
4	Furan, 2-ethyl-	96	C6H8O	003208-16-0	38
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

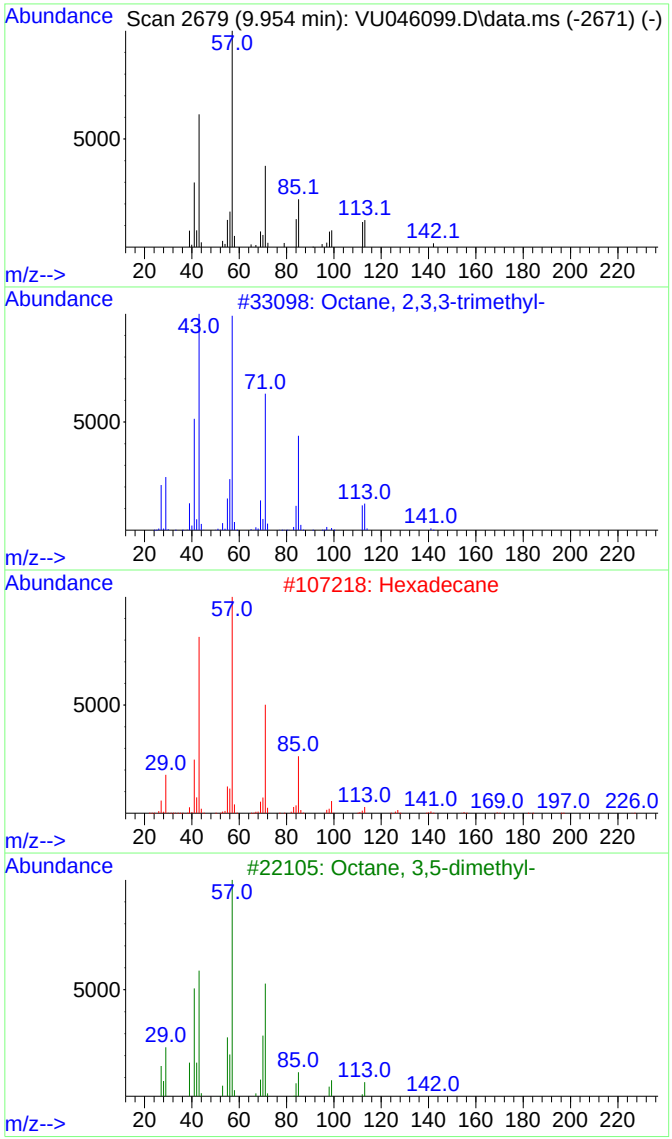
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

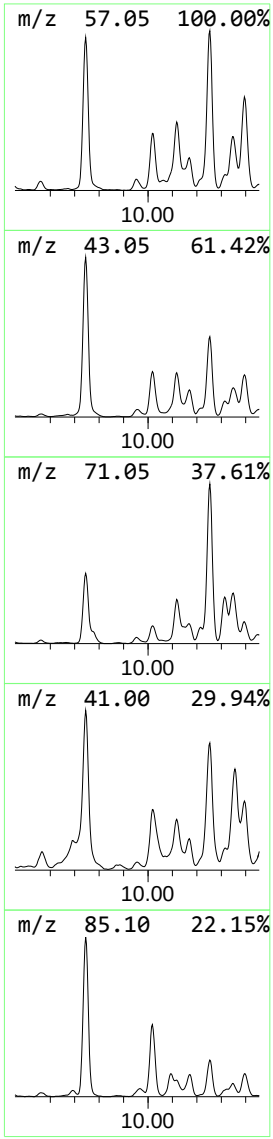
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.954	4.00 ug/L	56961	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	59
2	Hexadecane	226	C16H34	000544-76-3	58
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
5	Eicosane	282	C20H42	000112-95-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

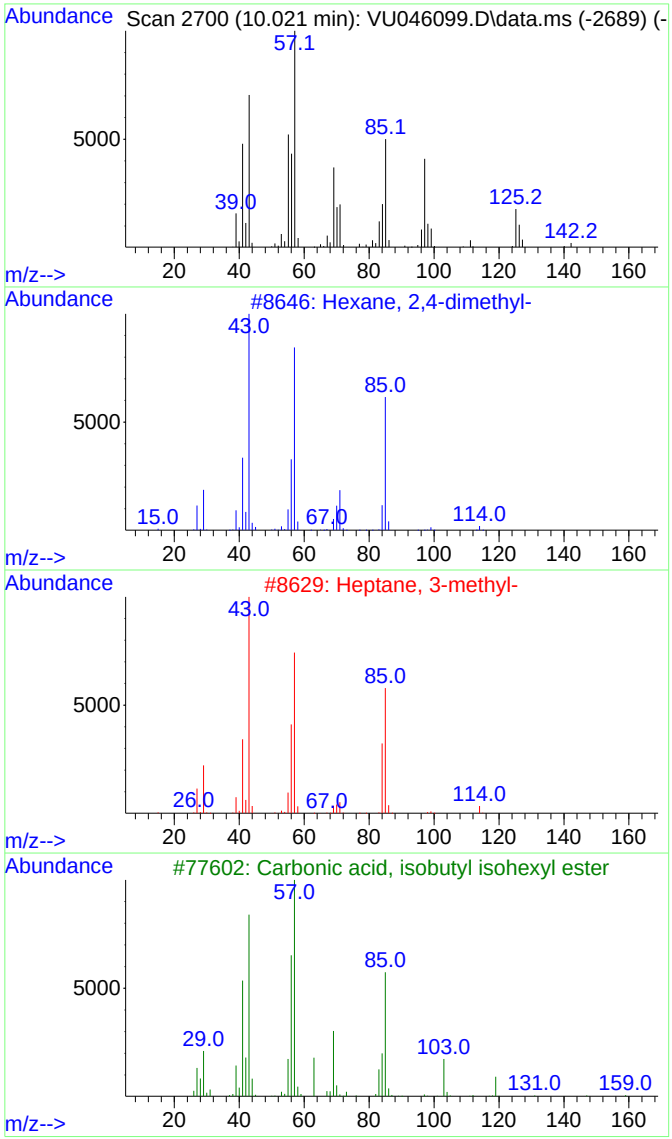
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

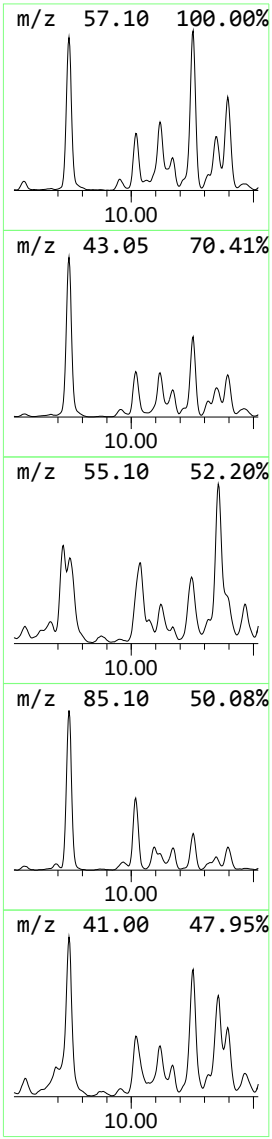
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.021	44.59 ug/L	635239	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	43
3	Carbonic acid, isobutyl isohexyl...	202	C11H22O3	1000314-60-3	38
4	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	38
5	2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

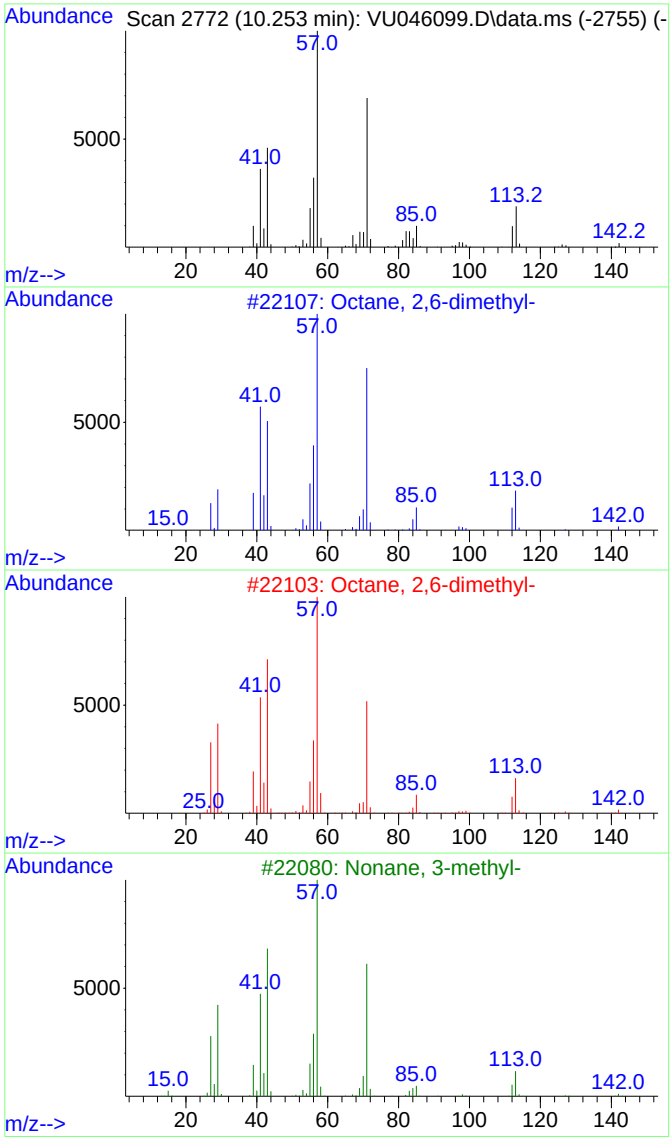
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

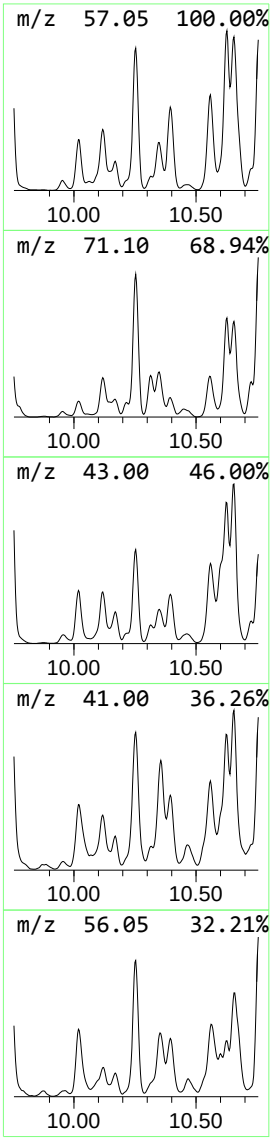
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.253	73.91 ug/L	1053070	Chlorobenzene-d5	9.417

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	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

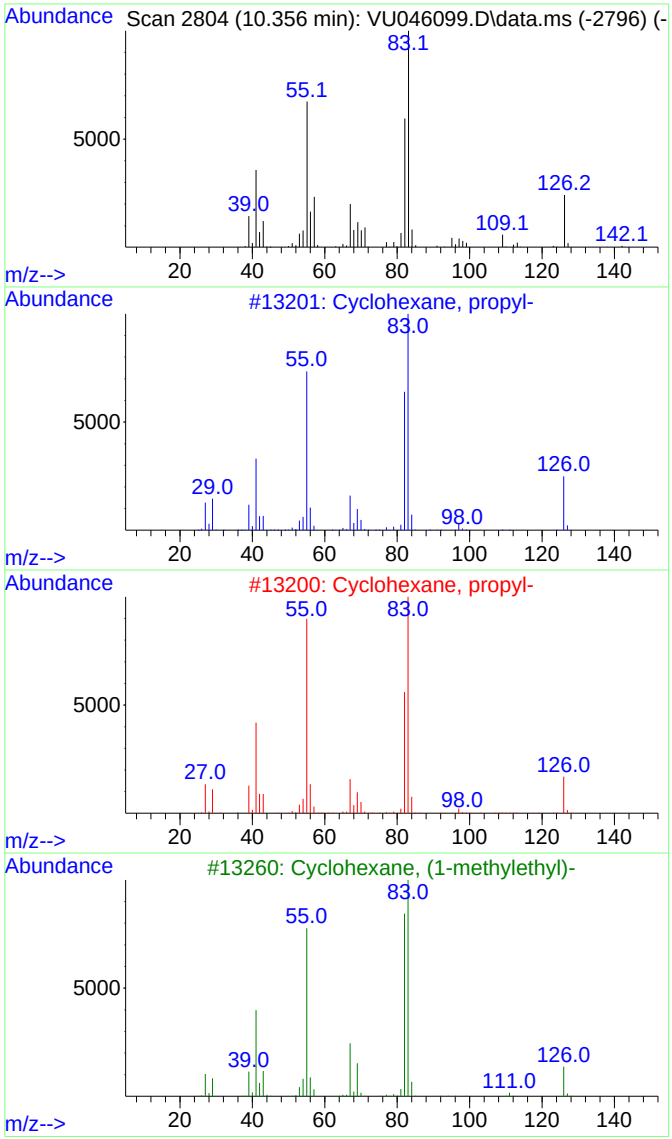
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

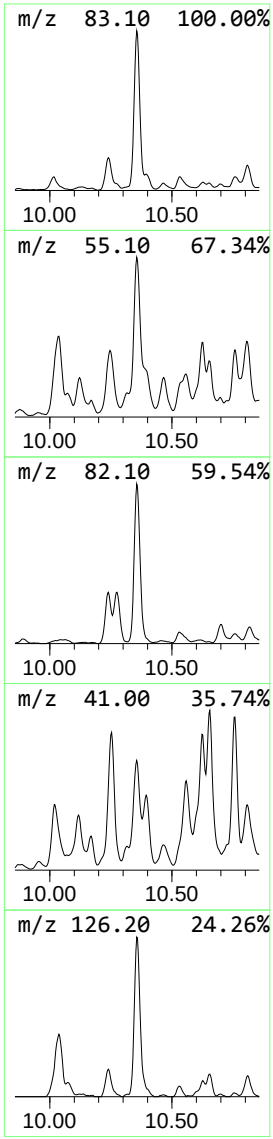
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic10.356 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.356	42.57 ug/L	606514	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	93
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	93
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

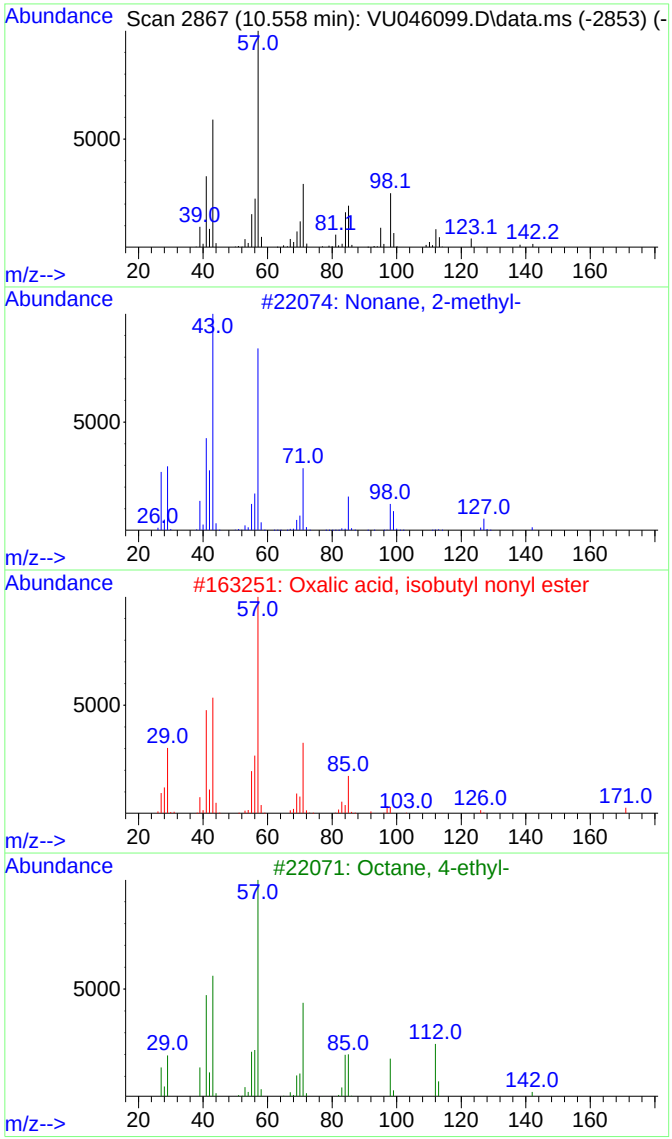
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

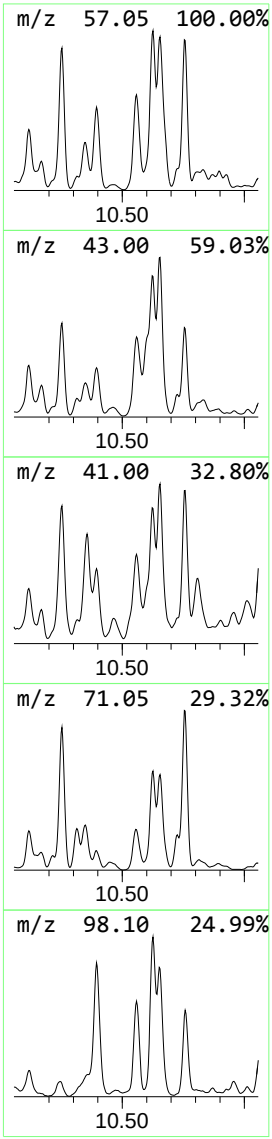
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.558	52.69 ug/L	750733	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	52
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	47
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	46
4	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

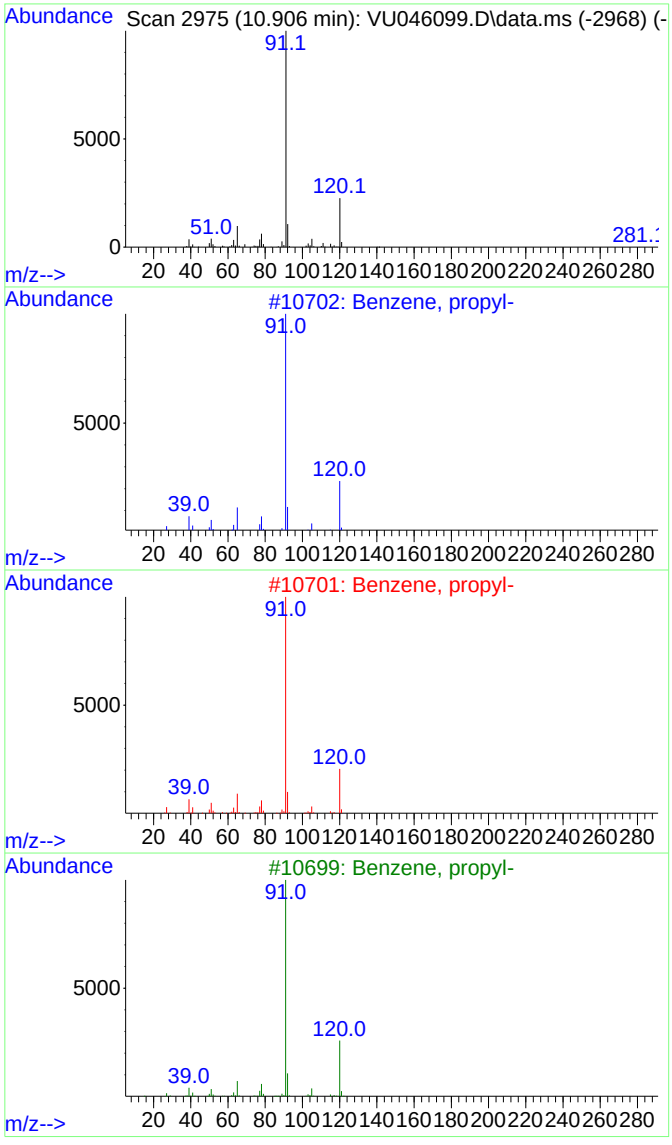
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

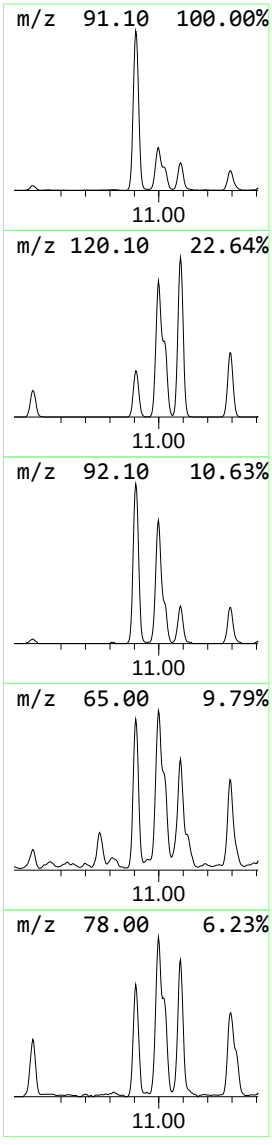
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	11.35 ug/L	433473	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	64
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

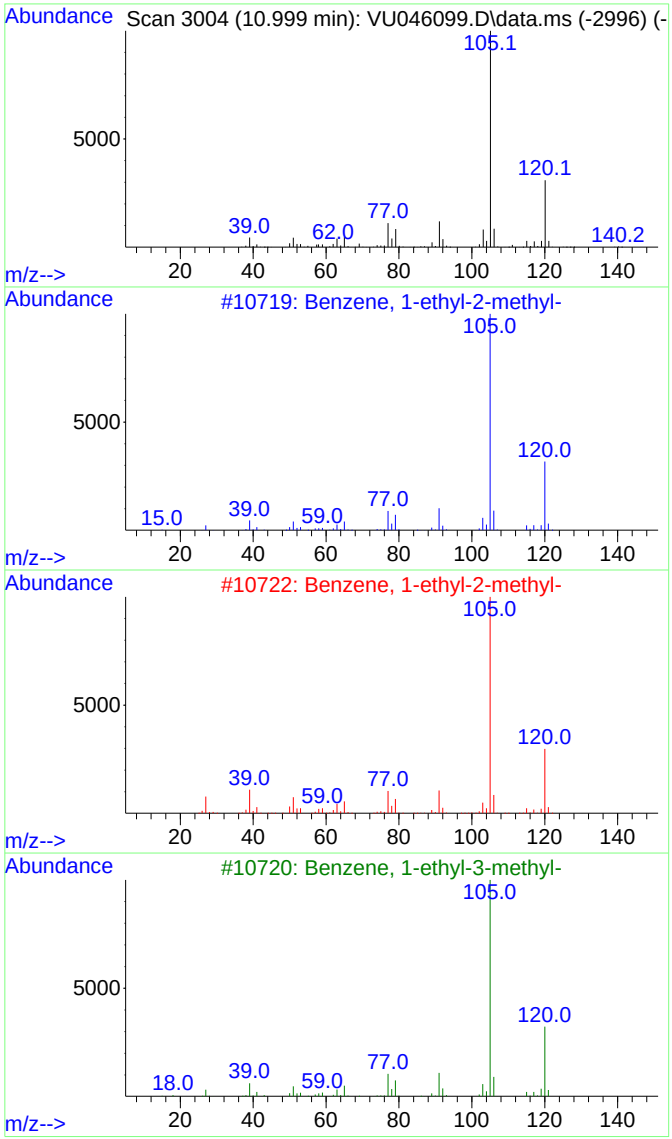
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

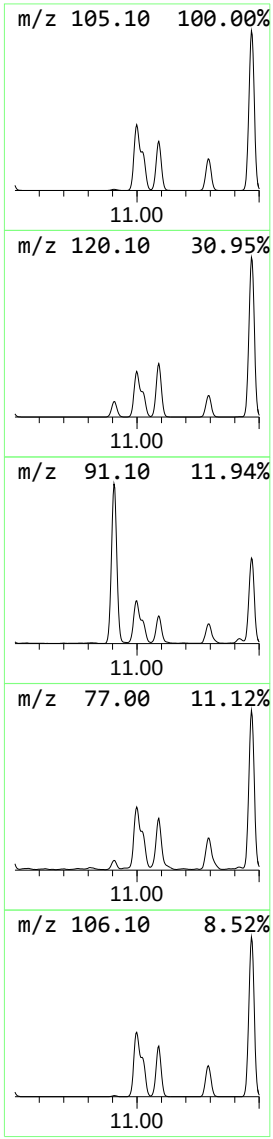
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	50.77 ug/L	1939620	1,4-Dichlorobenzene-d4	11.812

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-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

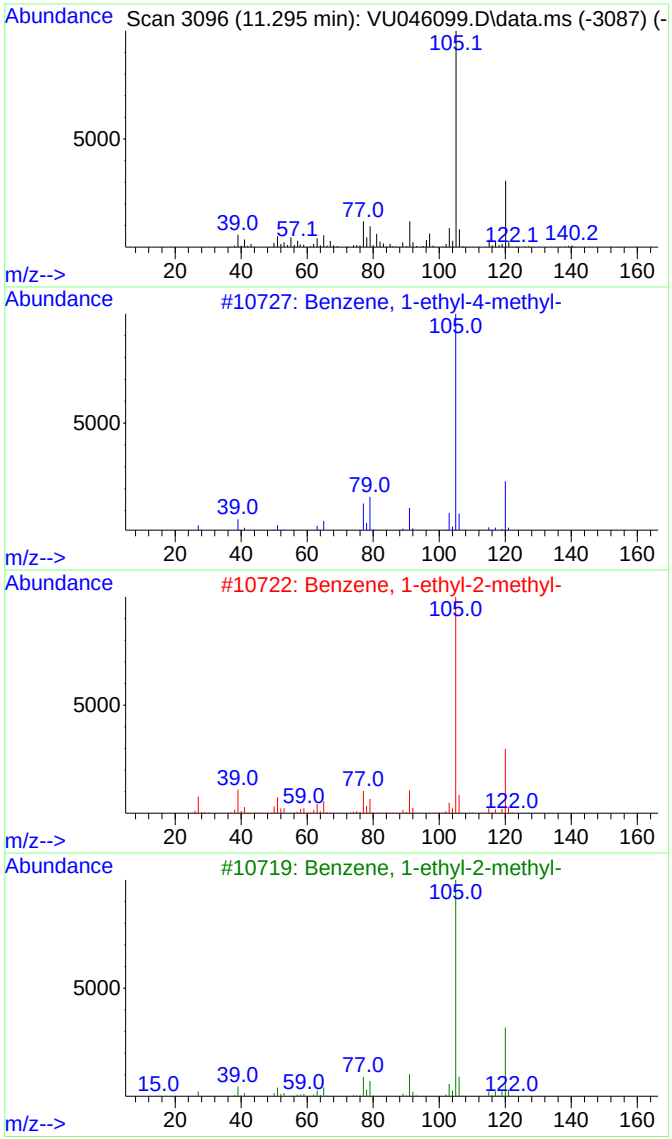
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

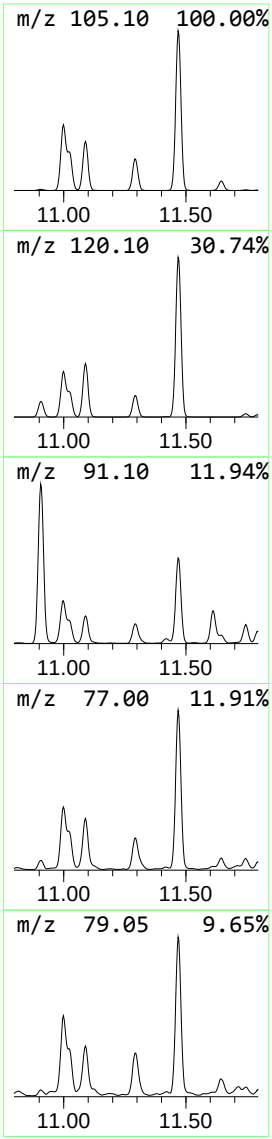
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1-ethyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.295	33.59 ug/L	1283260	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

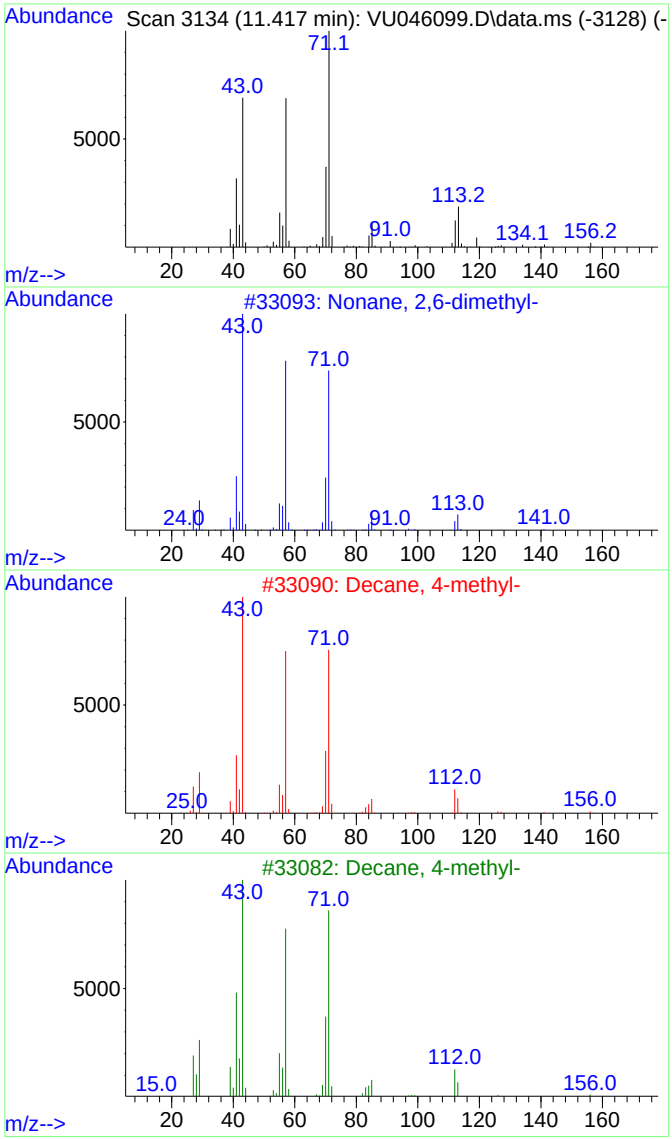
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

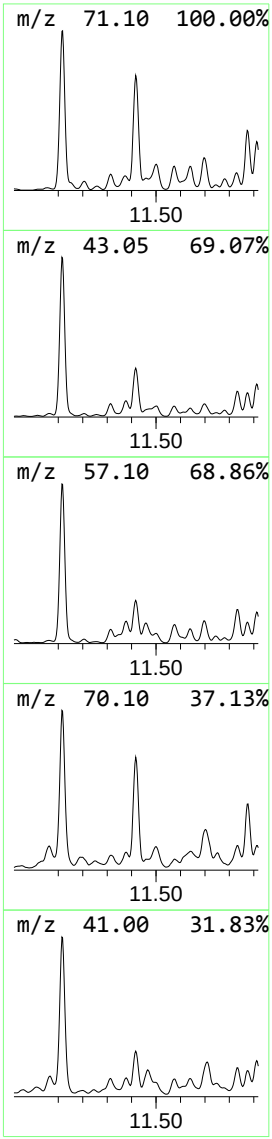
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.417	23.06 ug/L	880870	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	91
2	Decane, 4-methyl-	156	C11H24	002847-72-5	86
3	Decane, 4-methyl-	156	C11H24	002847-72-5	78
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

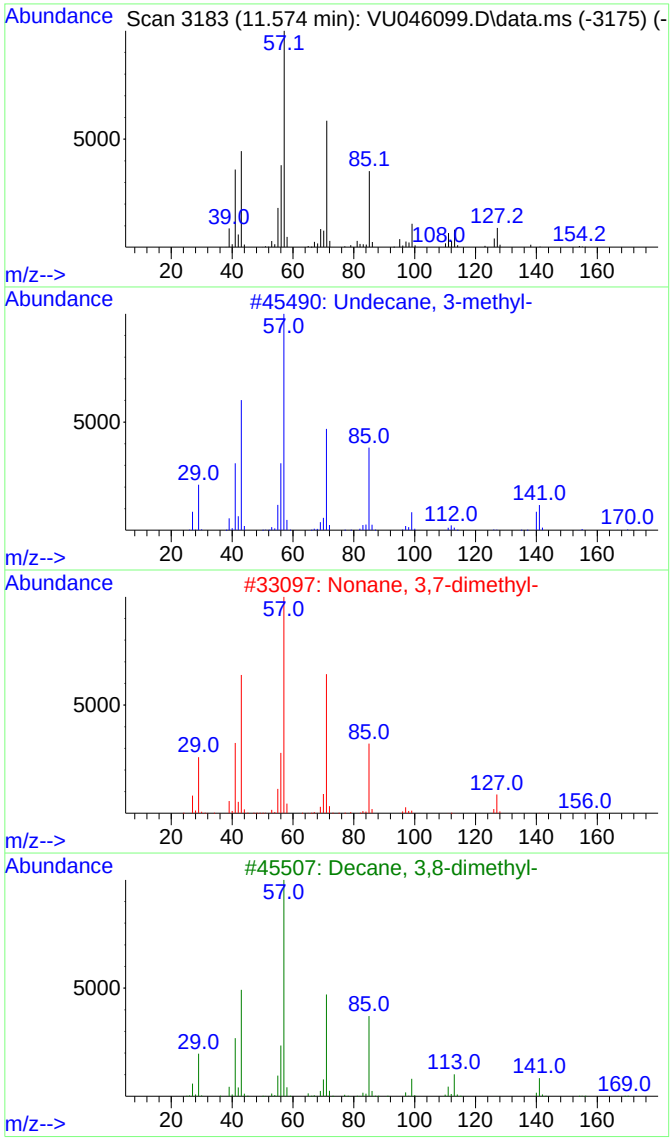
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

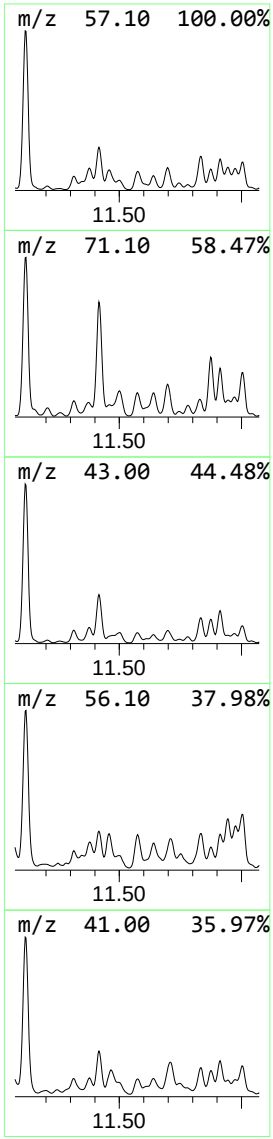
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.574	11.85 ug/L	452722	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

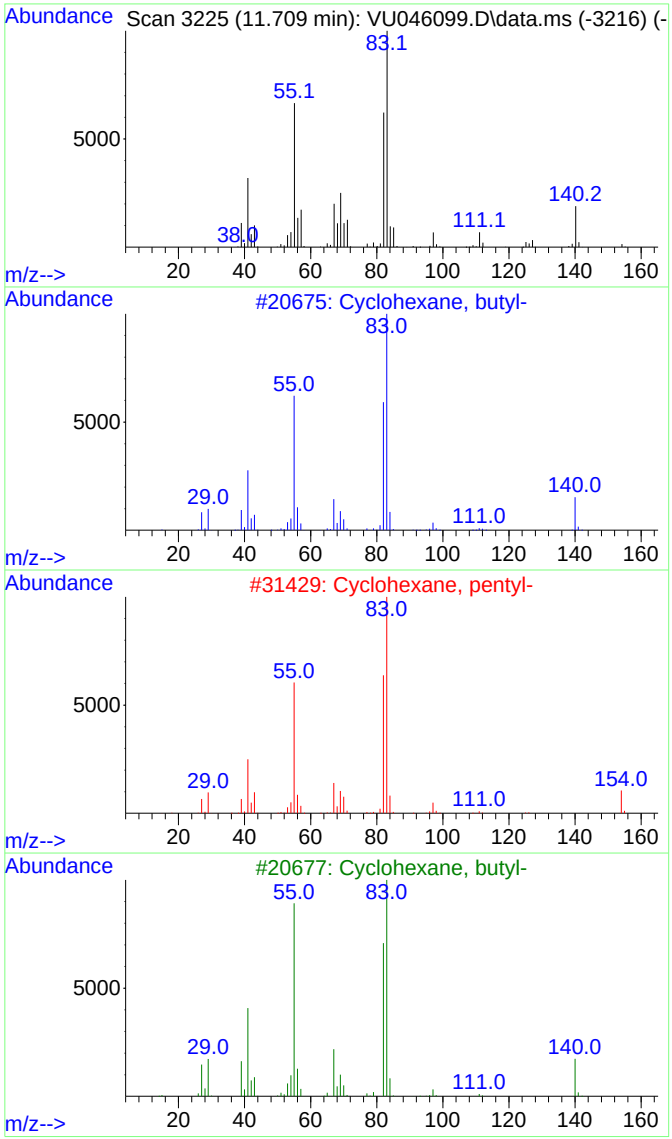
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

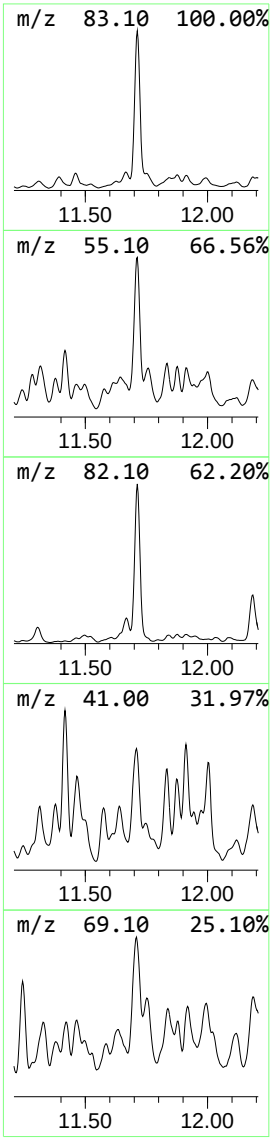
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic11.709 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.709	26.16 ug/L	999457	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

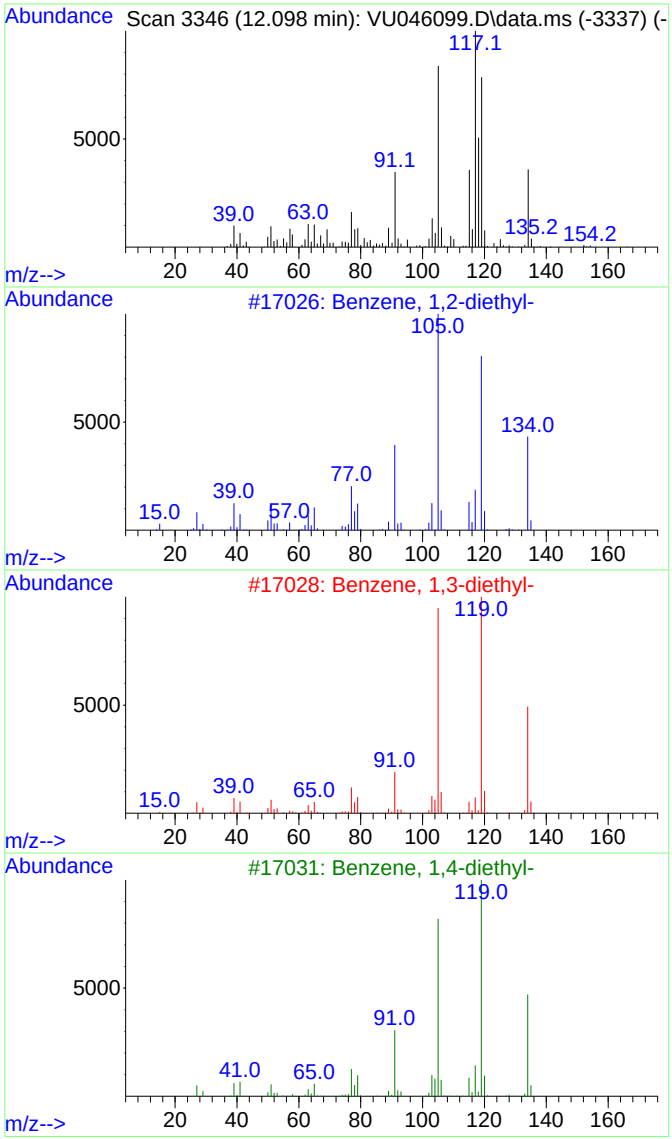
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

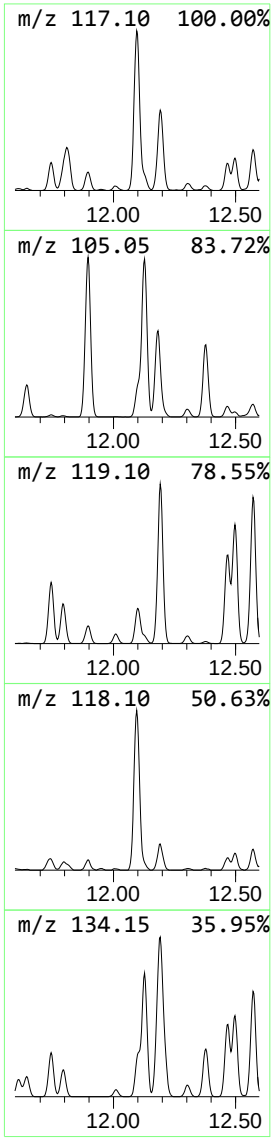
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	16.23 ug/L	620255	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

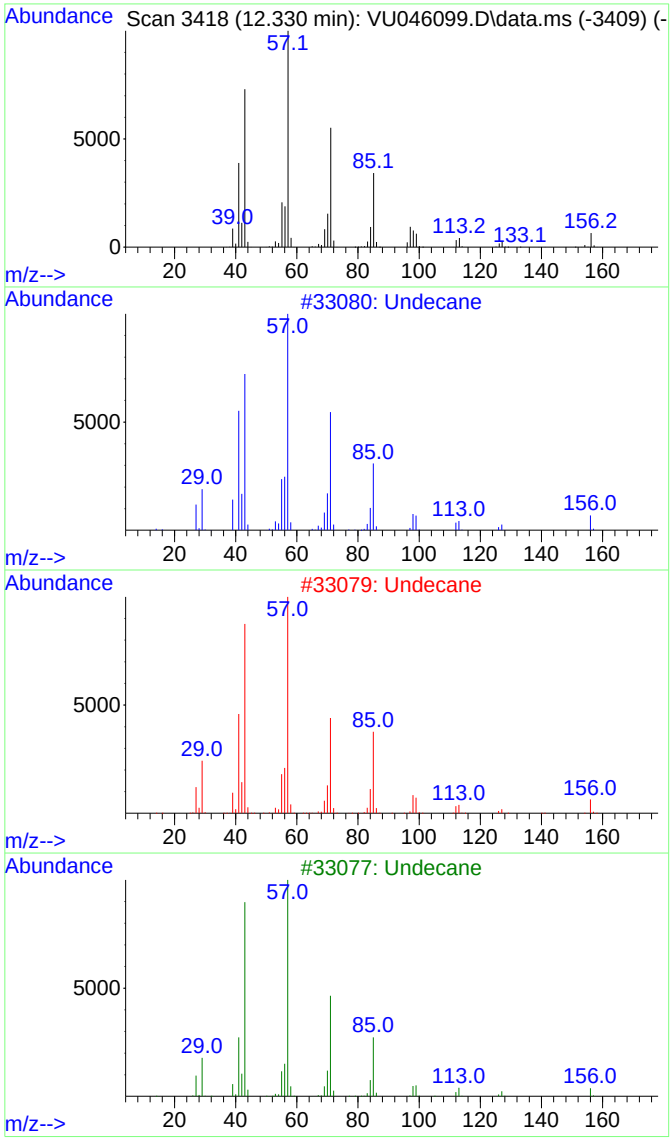
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

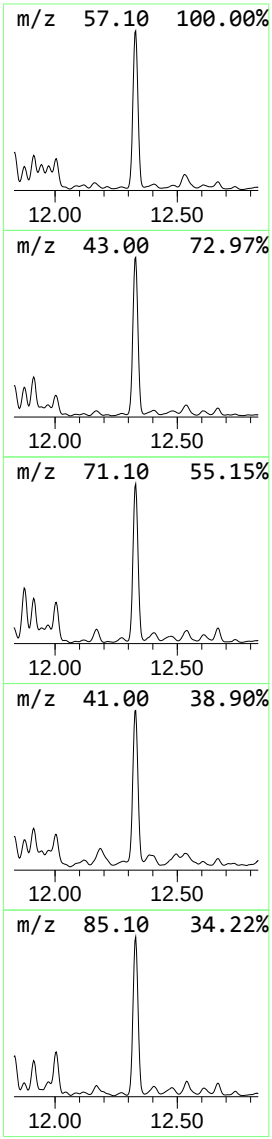
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.330	81.71 ug/L	3121620	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	93
2	Undecane	156	C11H24	001120-21-4	93
3	Undecane	156	C11H24	001120-21-4	93
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	86
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

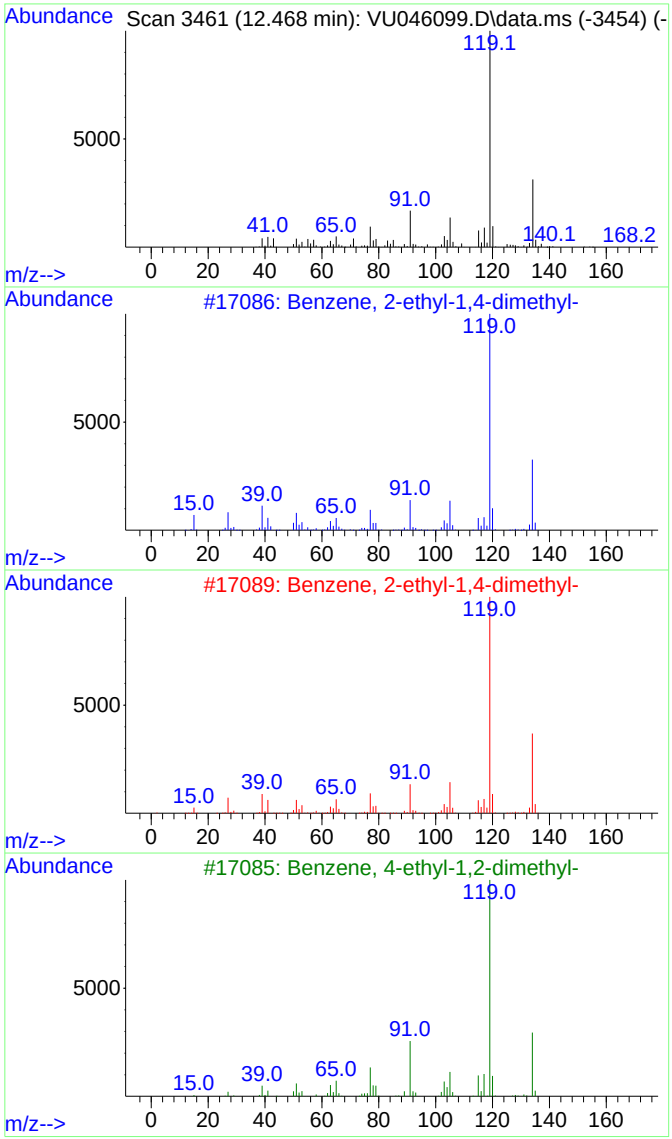
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

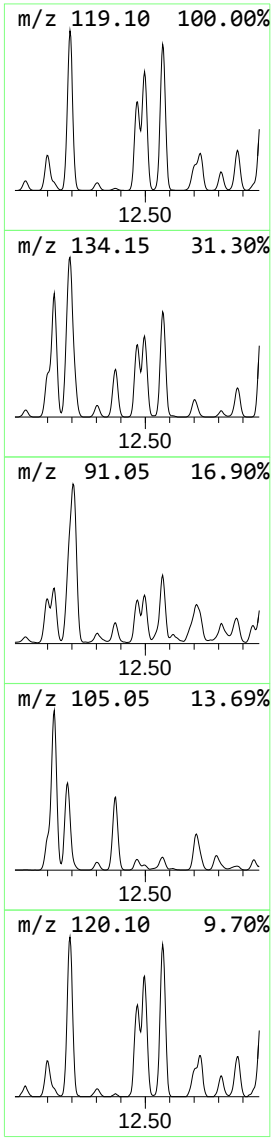
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	11.64 ug/L	444839	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

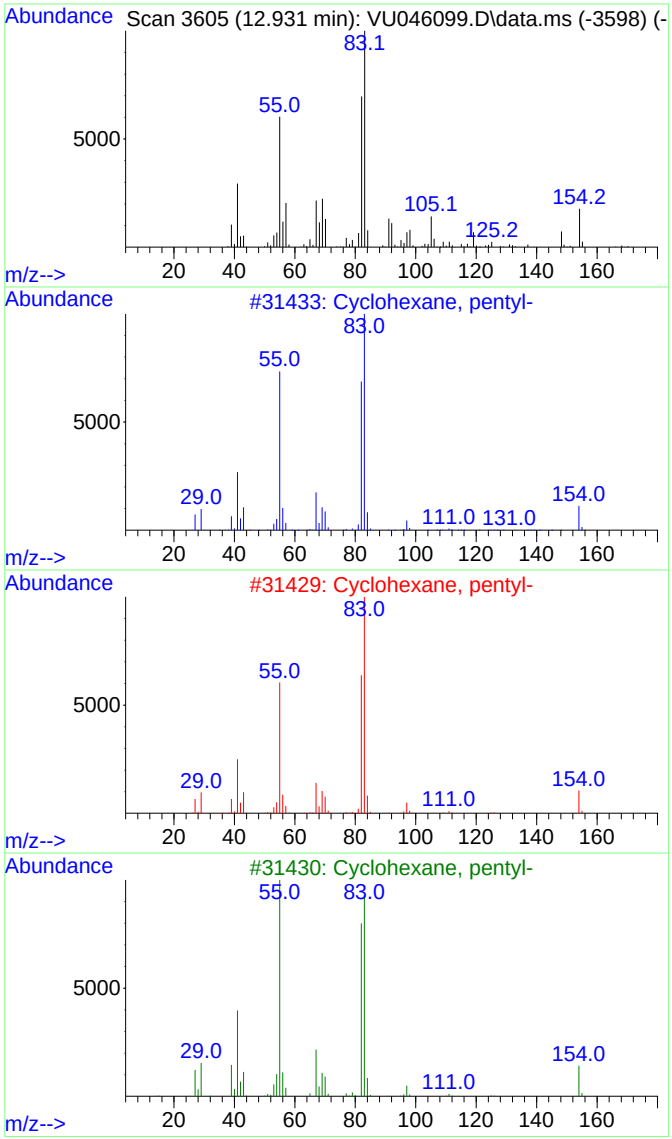
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

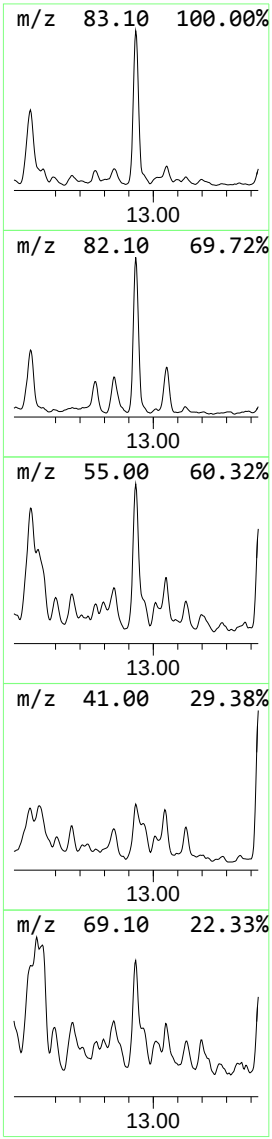
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Cyclic12.931 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.931	11.05 ug/L	422034	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	76
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

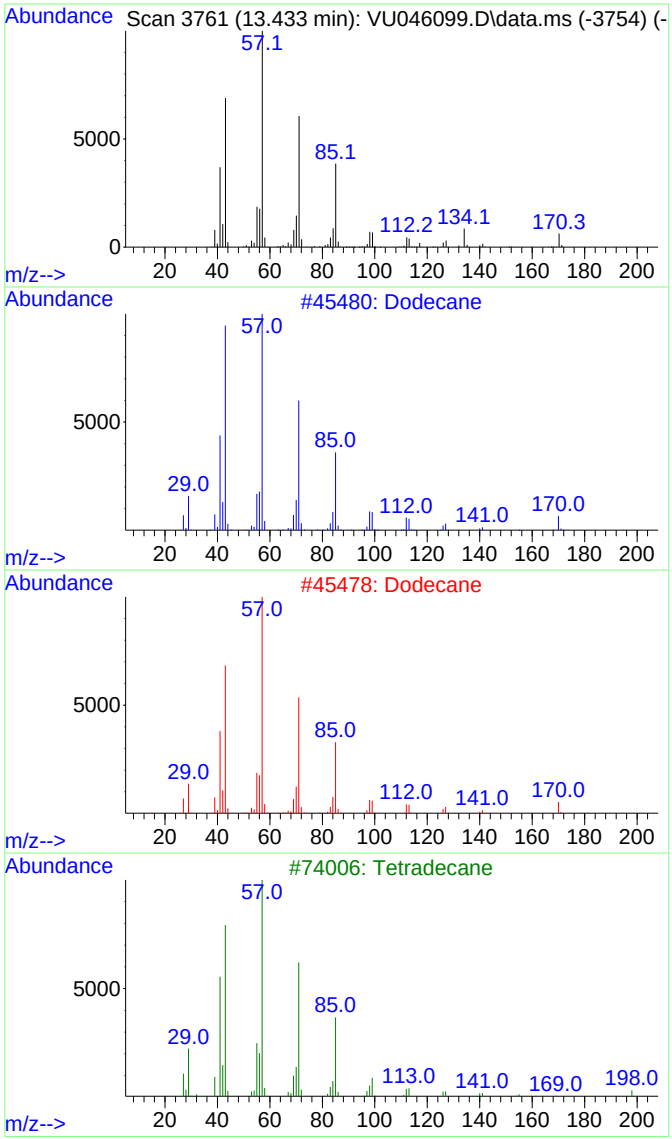
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

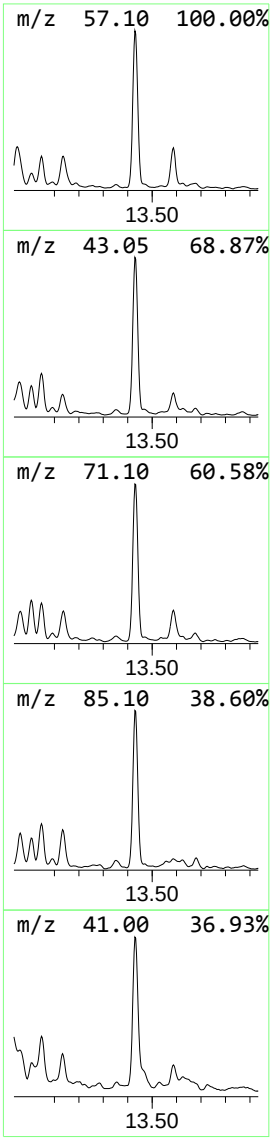
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.433	39.05 ug/L	1491990	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Dodecane	170	C12H26	000112-40-3	96
3	Tetradecane	198	C14H30	000629-59-4	87
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	86
5	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

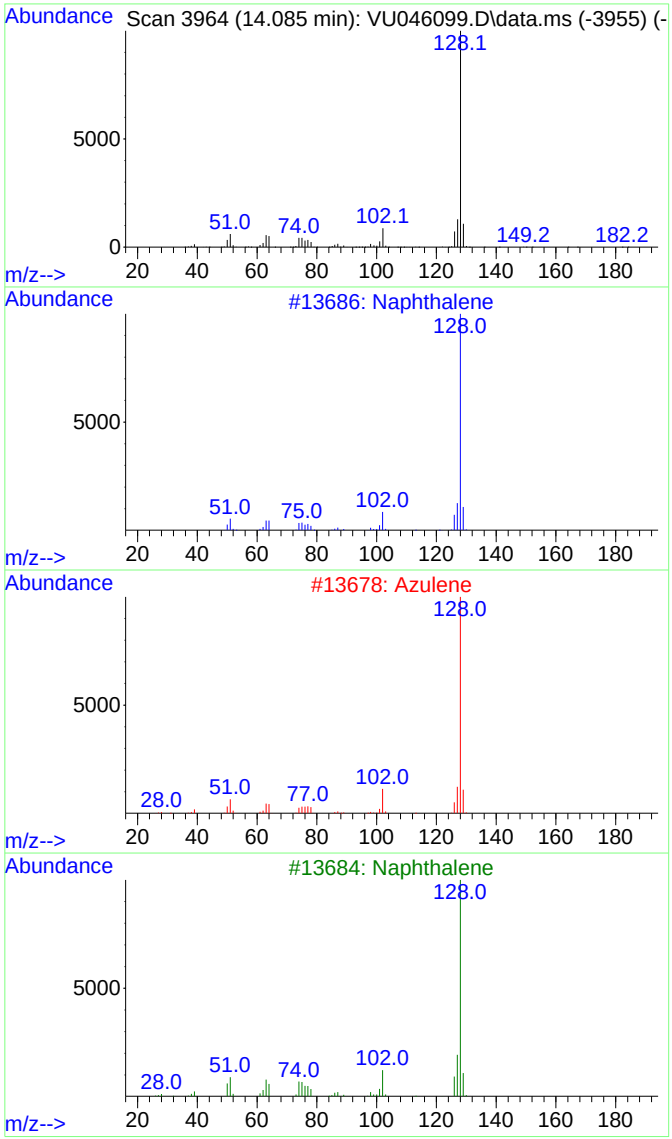
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

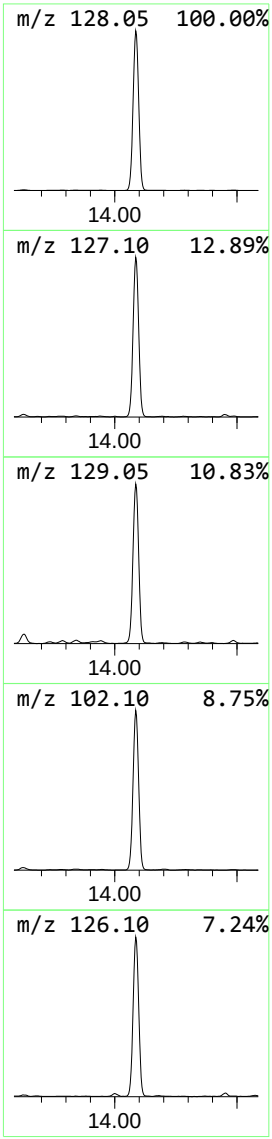
****

Peak Number 31 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	105.07 ug/L	4014060	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	94
3	Naphthalene	128	C10H8	000091-20-3	94
4	Naphthalene	128	C10H8	000091-20-3	93
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

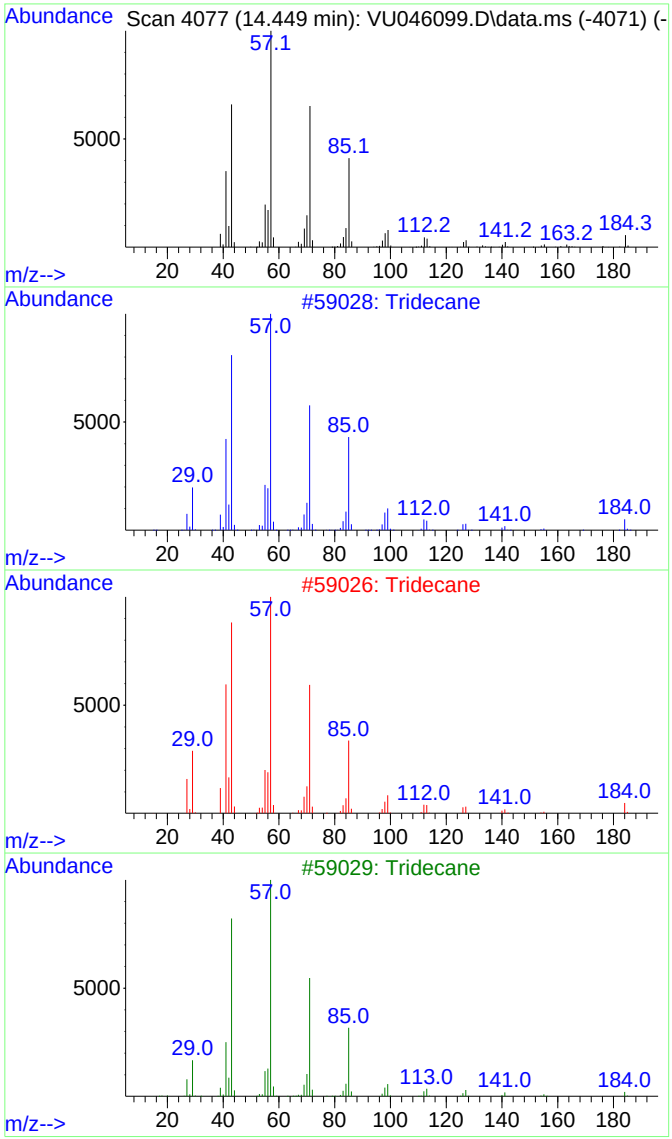
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

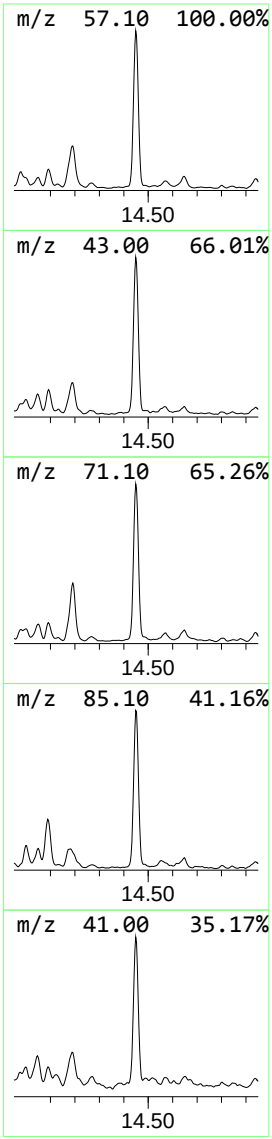
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.449	10.01 ug/L	382301	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	98
2	Tridecane	184	C13H28	000629-50-5	94
3	Tridecane	184	C13H28	000629-50-5	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Tridecane	184	C13H28	000629-50-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

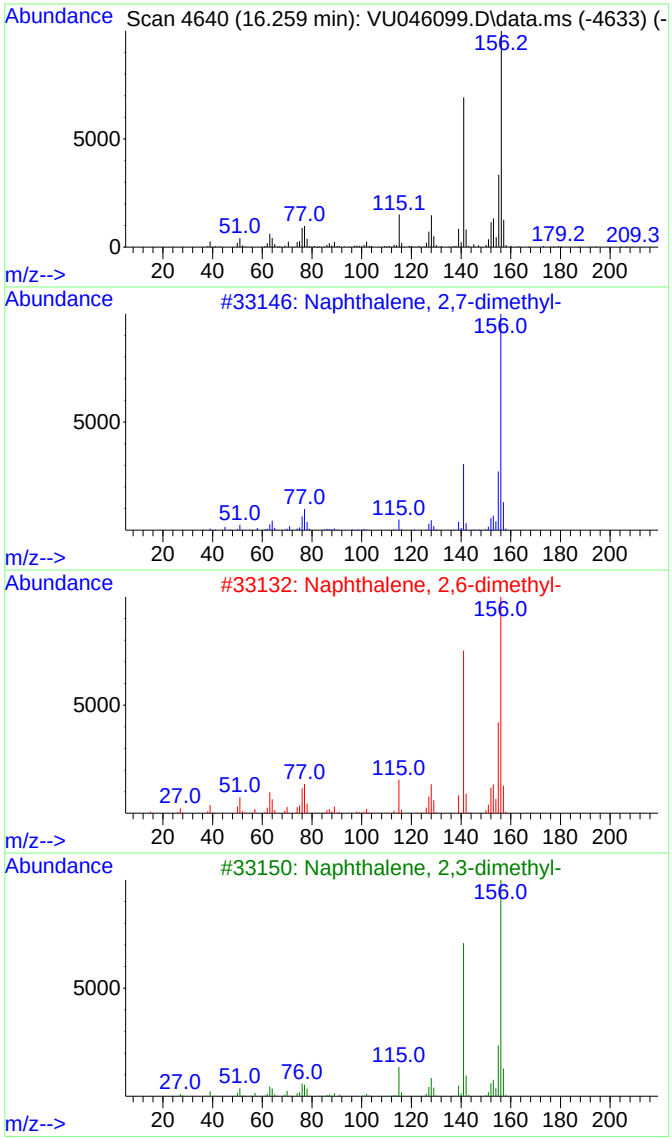
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

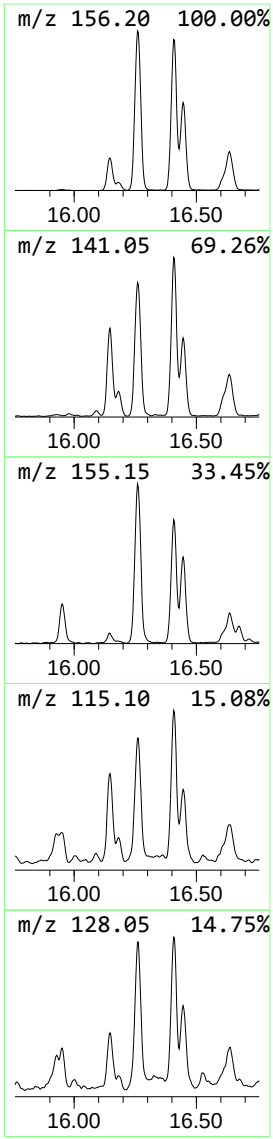
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.259	12.25 ug/L	467884	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

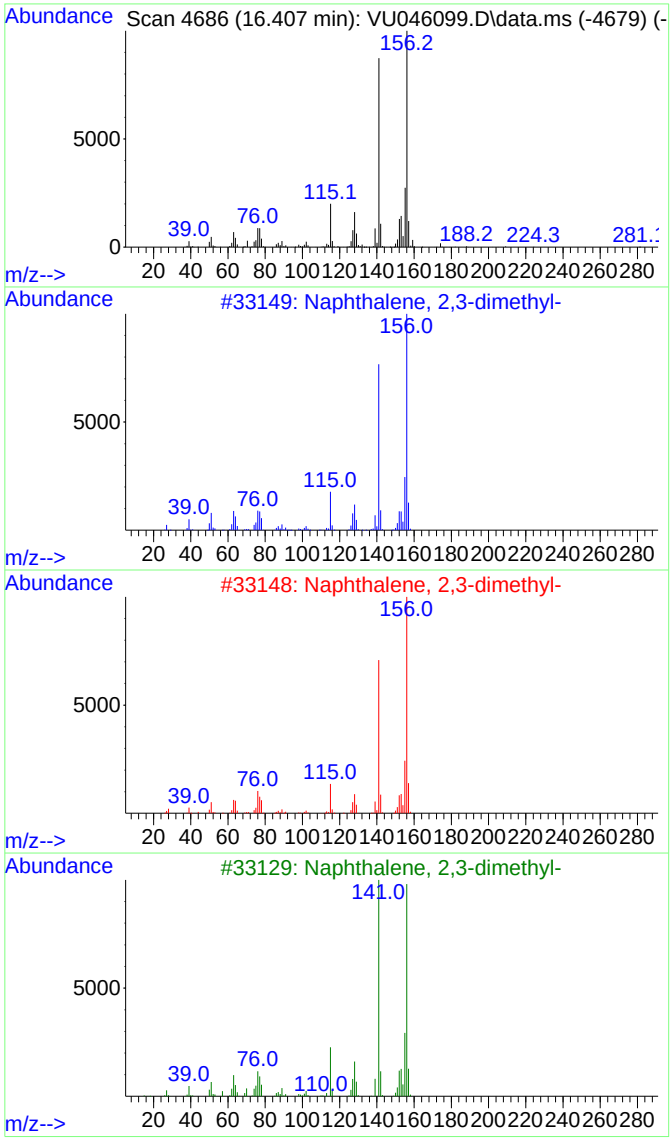
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

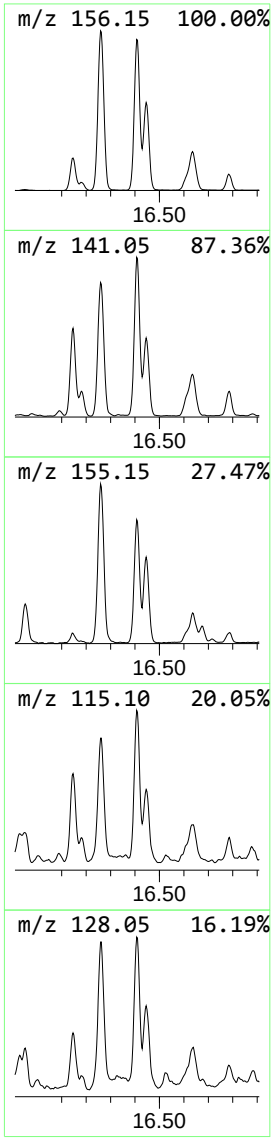
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, 2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.407	11.58 ug/L	442347	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046099.D
Acq On : 04 Dec 2021 17:28
Operator : SY/MD
Sample : M4942-03 10X
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.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...	6.513	2.9	ug/L	32972	1	6.250	559896	50.0
(DEL) Alkane: S...	7.501	3.0	ug/L	33975	1	6.250	559896	50.0
(DEL) Alkane: S...	7.658	4.3	ug/L	48514	1	6.250	559896	50.0
(DEL) Alkane: C...	8.246	2.5	ug/L	35748	2	9.417	712363	50.0
(DEL) Alkane: S...	8.758	5.3	ug/L	75874	2	9.417	712363	50.0
(DEL) Alkane: C...	8.867	4.6	ug/L	64899	2	9.417	712363	50.0
(DEL) Alkane: C...	8.925	7.3	ug/L	104099	2	9.417	712363	50.0
(DEL) Alkane: S...	9.121	5.2	ug/L	74481	2	9.417	712363	50.0
(DEL) Alkane: C...	9.169	9.6	ug/L	136985	2	9.417	712363	50.0
Ether, hexyl pe...	9.214	23.8	ug/L	339206	2	9.417	712363	50.0
(DEL) Alkane: S...	9.336	25.1	ug/L	358106	2	9.417	712363	50.0
unknown-01	9.883	5.1	ug/L	72988	2	9.417	712363	50.0
(DEL) Alkane: S...	9.954	4.0	ug/L	56961	2	9.417	712363	50.0
(DEL) Alkane: S...	10.021	44.6	ug/L	635239	2	9.417	712363	50.0
(DEL) Alkane: S...	10.253	73.9	ug/L	1053070	2	9.417	712363	50.0
(DEL) Alkane: C...	10.356	42.6	ug/L	606514	2	9.417	712363	50.0
(DEL) Alkane: S...	10.558	52.7	ug/L	750733	2	9.417	712363	50.0
Benzene, propyl-	10.906	11.4	ug/L	433473	3	11.812	1910240	50.0
Benzene, 1-ethy...	10.999	50.8	ug/L	1939620	3	11.812	1910240	50.0
Benzene, 1-ethy...	11.295	33.6	ug/L	1283260	3	11.812	1910240	50.0
(DEL) Alkane: S...	11.417	23.1	ug/L	880870	3	11.812	1910240	50.0
(DEL) Alkane: S...	11.574	11.9	ug/L	452722	3	11.812	1910240	50.0
(DEL) Alkane: C...	11.709	26.2	ug/L	999457	3	11.812	1910240	50.0
Benzene, 1,2-di...	12.098	16.2	ug/L	620255	3	11.812	1910240	50.0
(DEL) Alkane: S...	12.330	81.7	ug/L	3121620	3	11.812	1910240	50.0
Benzene, 2-ethy...	12.468	11.6	ug/L	444839	3	11.812	1910240	50.0
(DEL) Alkane: C...	12.931	11.1	ug/L	422034	3	11.812	1910240	50.0
(DEL) Alkane: S...	13.433	39.0	ug/L	1491990	3	11.812	1910240	50.0
Azulene	14.086	105.1	ug/L	4014060	3	11.812	1910240	50.0
(DEL) Alkane: S...	14.449	10.0	ug/L	382301	3	11.812	1910240	50.0
Naphthalene, 2,...	16.259	12.3	ug/L	467884	3	11.812	1910240	50.0
Naphthalene, 2,...	16.407	11.6	ug/L	442347	3	11.812	1910240	50.0