LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

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: VU045107.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.047	507	531	544	rVV	685833	1541430	5.51%	0.237%
2	3.330	601	619	645	rVB	456807	1025375	3.66%	0.158%
3	3.671	704	725	752	rBV	1793486	4007854	14.32%	0.617%
4	4.513	969	987	1005	rVV	1050819	2566599	9.17%	0.395%
5	5.366	1234	1252	1268	rBV5	1804938	5030611	17.97%	0.775%
6	5.452	1269	1279	1301	rVB	457383	1191469	4.26%	0.183%
7	5.584	1301	1320	1347	rBV	1840370	4608142	16.46%	0.710%
8	5.722	1347	1363	1381	rBV2	441372	1120300	4.00%	0.173%
9	5.841	1385	1400	1412	rBV	1147595	2455524	8.77%	0.378%
10	5.915	1412	1423	1432	rBV	814462	1543651	5.51%	0.238%
11	5.983	1432	1444	1472	rVB	1751828	3908121	13.96%	0.602%
12	6.131	1472	1490	1515	rBV	6998890	13205235	47.18%	2.033%
13	6.256	1515	1529	1533	rBV	328454	656643	2.35%	0.101%
14	6.761	1652	1686	1709	rBV	6200337	15596450	55.72%	2.402%
15	6.864	1709	1718	1732	rVB	468149	893591	3.19%	0.138%
16	6.980	1741	1754	1767	rVB	1114881	2071843	7.40%	0.319%
17	7.073	1767	1783	1798	rVB	1398217	2858854	10.21%	0.440%
18	7.237	1822	1834	1853	rVB	1702203	3636421	12.99%	0.560%
19	7.401	1872	1885	1889	rBV	697597	1316815	4.70%	0.203%
20	7.501	1904	1916	1925	rBV	6147044	10930106	39.05%	1.683%
21	7.661	1956	1966	1986	rVB	3048288	6467006	23.10%	0.996%
22	7.761	1986	1997	2012	rVB5	963200	2106590	7.53%	0.324%
23	7.857	2012	2027	2036	rBV2	4445459	9538620	34.08%	1.469%
24	8.028	2070	2080	2087	rBV4	1148808	2413280	8.62%	0.372%
25	8.137	2097	2114	2133	rVB	13002378	24367244	87.05%	3.752%
26	8.246	2134	2148	2162	rVB4	3425435	7732536	27.62%	1.191%
27	8.372	2175	2187	2194	rBV2	1450222	2678685	9.57%	0.412%
28	8.417	2194	2201	2213	rVB3	842804	1594436	5.70%	0.246%
29	8.539	2230	2239	2250	rVB2	926510	1627212	5.81%	0.251%
30	8.642	2250	2271	2285	rBV2	4829740	10198451	36.43%	1.570%
31	8.764	2298	2309	2315	rBV	1405600	2621842	9.37%	0.404%
32	8.809	2315	2323	2332	rVV4	2202923	3769056	13.46%	0.580%
33	8.870	2333	2342	2352	rVV	4342797	7092443	25.34%	1.092%
34	8.931	2352	2361	2371	rBV	5189602	8804544	31.45%	1.356%
35	9.073	2392	2405	2414	rBV4	2692840	5962120	21.30%	0.918%
36	9.127	2414	2422	2428	rVV	2140981	3422268	12.23%	0.527%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

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	9.172	2428	2436	2443	rVV3	3371148	6386311	22.81%	0.983%
38	9.221	2443	2451	2461	rVV2	8365461	14099800	50.37%	2.171%
39	9.272	2462	2467	2474	rVV4	552500	787011	2.81%	0.121%
40	9.343	2478	2489	2505	rVB	10270119	17638730	63.01%	2.716%
41	9.430	2507	2516	2521	rBV2	324388	656509	2.35%	0.101%
42	9.484	2526	2533	2539	rBV3	760005	1205989	4.31%	0.186%
43	9.578	2551	2562	2575	rBV3	3035603	6695177	23.92%	1.031%
44	9.709	2577	2603	2612	rBV3	8570249	27061736	96.68%	4.167%
45	9.886	2646	2658	2672	rBV6	1626170	4097989	14.64%	0.631%
46	9.960	2673	2681	2691	rBV3	864527	1476287	5.27%	0.227%
47	10.034	2691	2704	2724	rBV6	4548738	13057662	46.65%	2.011%
48	10.127	2725	2733	2744	rBV6	1714779	3628024	12.96%	0.559%
49	10.262	2758	2775	2789	rBV3	12508065	27992008	100.00%	4.310%
50	10.369	2798	2808	2814	rBV3	7419789	13775706	49.21%	2.121%
51	10.488	2834	2845	2855	rBV3	1946706	4806354	17.17%	0.740%
52	10.565	2856	2869	2878	rBV4	3787138	8018340	28.65%	1.235%
53	10.632	2879	2890	2896	rBV	8009633	14072855	50.27%	2.167%
54	10.706	2907	2913	2921	rBV2	1114214	1751017	6.26%	0.270%
55	10.764	2923	2931	2940	rVV2	6657638	11151554	39.84%	1.717%
56	10.819	2941	2948	2964	rVB5	4818153	8881530	31.73%	1.368%
57	10.918	2973	2979	2984	rBV	1326740	1810355	6.47%	0.279%
58	10.957	2986	2991	2998	rVB5	1030634	1296570	4.63%	0.200%
59	11.012	2999	3008	3020	rBV2	5015125	12143770	43.38%	1.870%
60	11.073	3020	3027	3033	rBV3	4803653	7695189	27.49%	1.185%
61	11.198	3059	3066	3074	rBV5	936030	1712366	6.12%	0.264%
62	11.253	3076	3083	3089	rVV5	1357419	2325687	8.31%	0.358%
63	11.304	3090	3099	3115	rVV4	4904921	11786167	42.11%	1.815%
64	11.381	3116	3123	3129	rVV5	1987630	3127989	11.17%	0.482%
65	11.426	3129	3137	3144	rVV	9222118	13464126	48.10%	2.073%
66	11.478	3144	3153	3176	rVB	8705451	19254855	68.79%	2.965%
67	11.584	3180	3186	3190	rBV2	924988	1323526	4.73%	0.204%
68	11.651	3200	3207	3218	rVB5	4799343	8435147	30.13%	1.299%
69	11.722	3220	3229	3236	rBV	8637414	14465287	51.68%	2.228%
70	11.841	3260	3266	3273	rVB2	3622826	5133062	18.34%	0.790%
71	11.909	3273	3287	3300	rVB3	8040250	20585671	73.54%	3.170%
72	12.008	3311	3318	3337	rVB4	4631117	9001072	32.16%	1.386%
73	12.105	3339	3348	3352	rBV2	3315061	5313870	18.98%	0.818%
74	12.198	3367	3377	3392	rVB6	8323908	17291711	61.77%	2.663%
75	12.333	3415	3419	3429	rVB	3971228	5569588	19.90%	0.858%
76	12.391	3430	3437	3451	rVB6	4686420	9880384	35.30%	1.521%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

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	12.478	3457	3464	3466	rBV	1769424	2210822	7.90%	0.340%
78	12.507	3468	3473	3479	rVB3	2306526	3222854	11.51%	0.496%
79	12.680	3517	3527	3535	rBV2	3991120	9107795	32.54%	1.403%
80	12.848	3574	3579	3586	rVB2	2023406	2461490	8.79%	0.379%
81	12.934	3597	3606	3626	rBV5	6658016	16377960	58.51%	2.522%
82	13.034	3626	3637	3639	rBV2	3335630	5067595	18.10%	0.780%
83	13.140	3656	3670	3677	rBV5	2474765	5046523	18.03%	0.777%
84	13.458	3758	3769	3785	rVB5	9228289	20624647	73.68%	3.176%
85	13.594	3805	3811	3817	rBV	2639890	3385261	12.09%	0.521%
86	13.632	3818	3823	3846	rVB	3765401	9933248	35.49%	1.530%
87	13.738	3848	3856	3864	rBV6	1317757	2336342	8.35%	0.360%
88	13.790	3866	3872	3880	rBV	1399887	1970148	7.04%	0.303%
89	13.844	3882	3889	3903	rBV6	1367957	2676299	9.56%	0.412%
90	13.950	3916	3922	3935	rBV3	1709205	3513189	12.55%	0.541%
91	14.092	3961	3966	3972	rVB2	1956737	2245225	8.02%	0.346%
92	14.455	4073	4079	4085	rBV	1472498	1827928	6.53%	0.281%
93	14.674	4136	4147	4159	rVB6	1746662	3759577	13.43%	0.579%
94	14.883	4206	4212	4221	rVB2	1165230	1766490	6.31%	0.272%
95	14.944	4226	4231	4246	rVB6	731819	1445874	5.17%	0.223%
96	15.028	4248	4257	4265	rBV6	923490	1919765	6.86%	0.296%
97	15.224	4305	4318	4329	rBV3	2822188	5251775	18.76%	0.809%
98	15.282	4330	4336	4348	rVB3	630475	1044555	3.73%	0.161%
99	15.410	4368	4376	4387	rVB3	1133138	1899498	6.79%	0.293%
100	16.262	4634	4641	4670	rVB	425765	879858	3.14%	0.135%

Sum of corrected areas: 649393066

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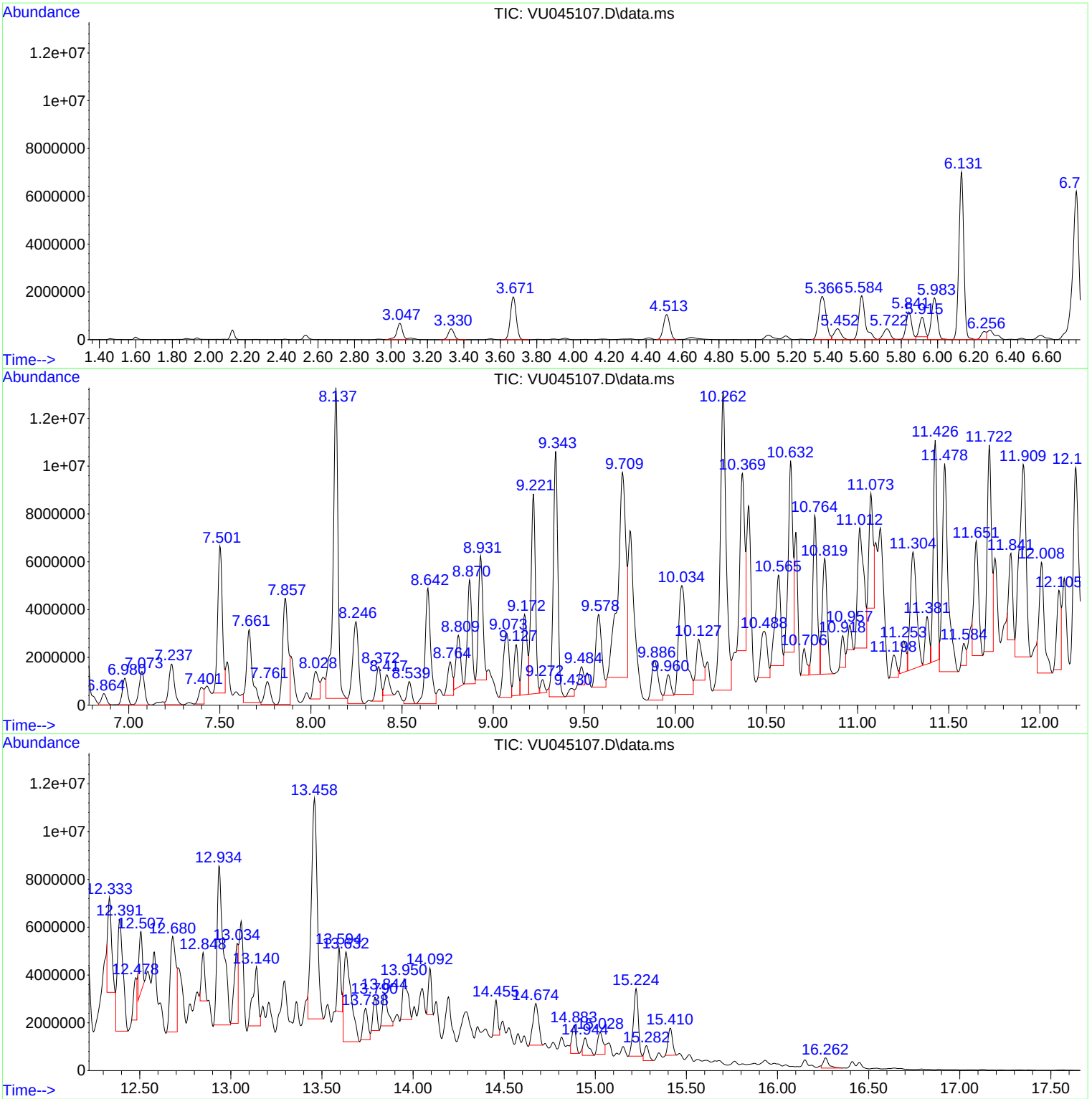
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

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\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

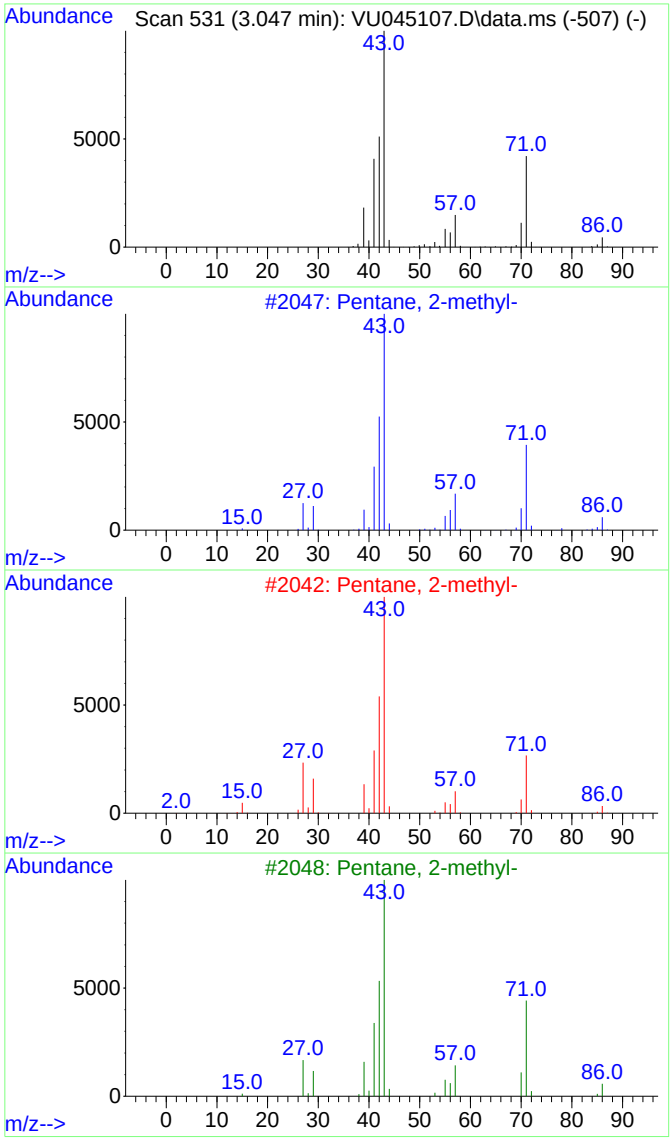
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

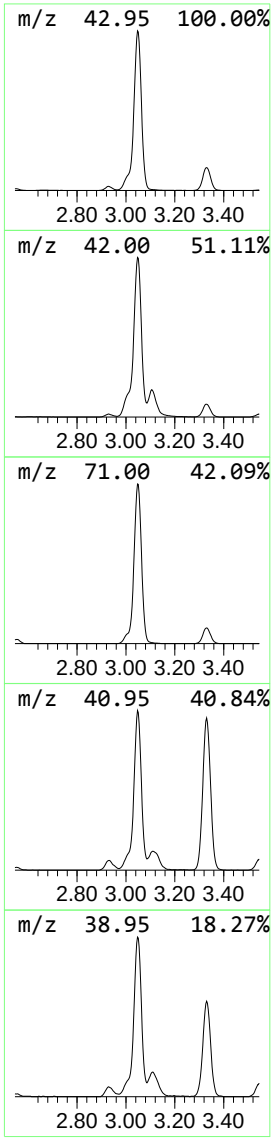
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.047	117.37 ug/L	1541430	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	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

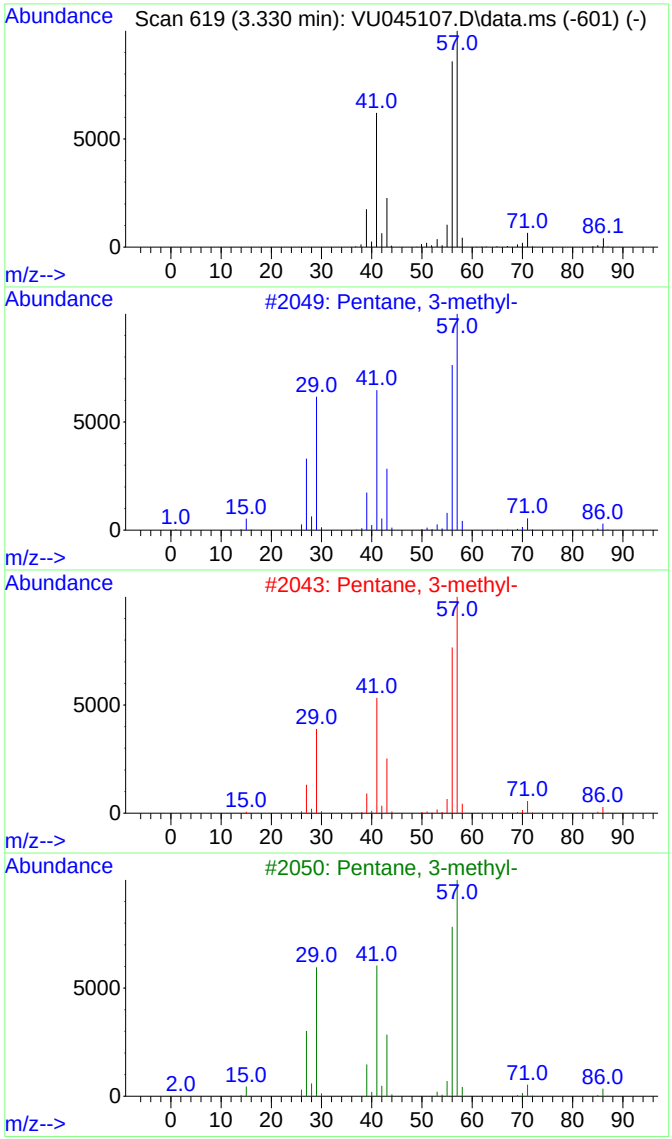
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

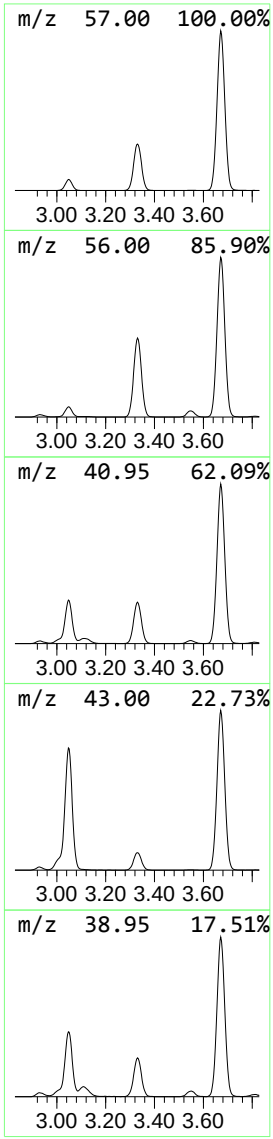
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.330	78.08 ug/L	1025380	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

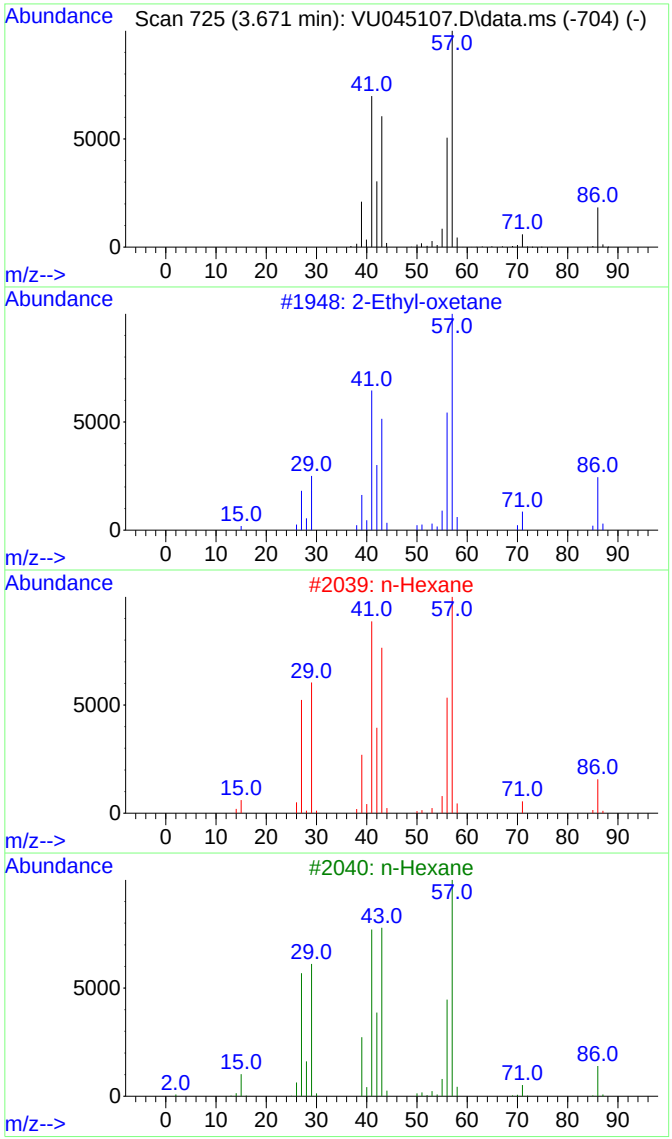
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

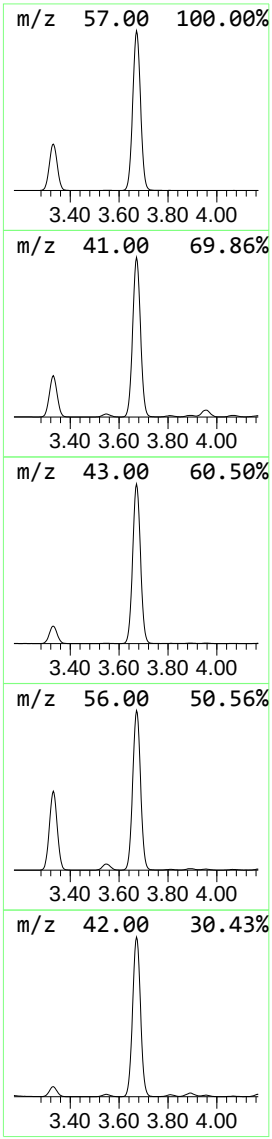
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Ethyl-oxetane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.671	305.18 ug/L	4007850	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	90
2	n-Hexane	86	C6H14	000110-54-3	83
3	n-Hexane	86	C6H14	000110-54-3	83
4	n-Hexane	86	C6H14	000110-54-3	64
5	n-Hexane	86	C6H14	000110-54-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

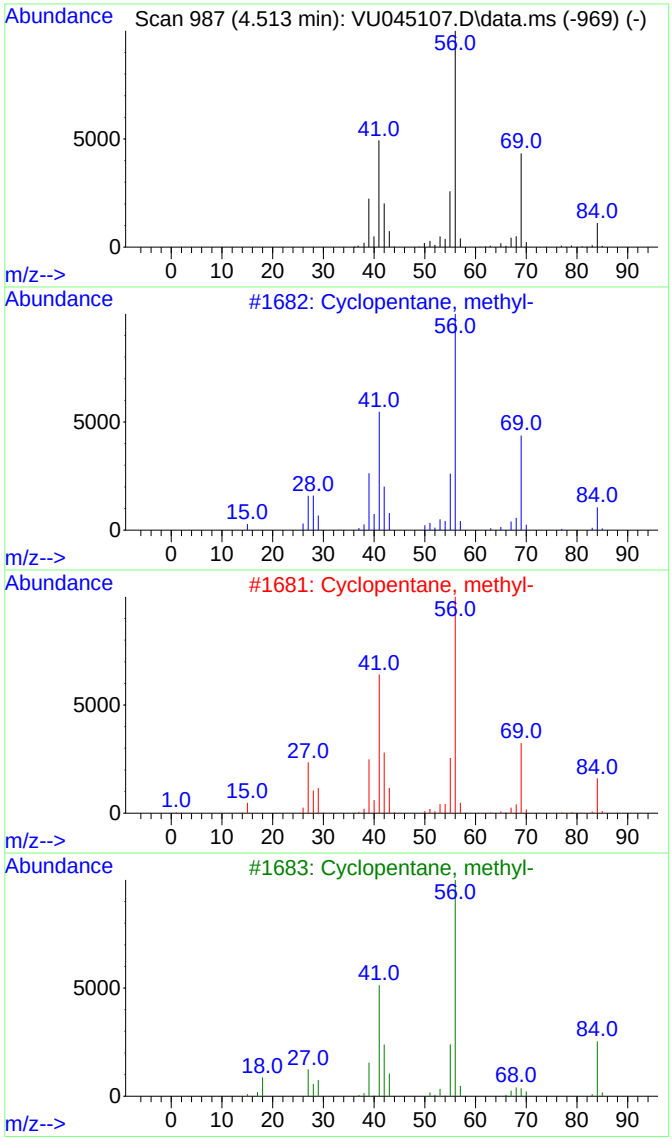
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

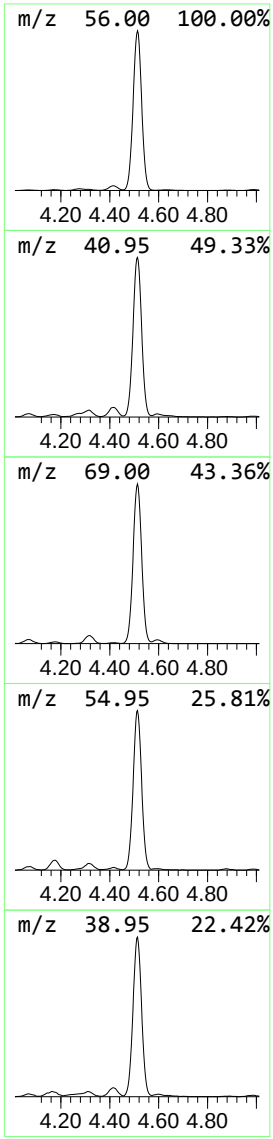
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic4.513 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.513	195.43 ug/L	2566600	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	86
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	80
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

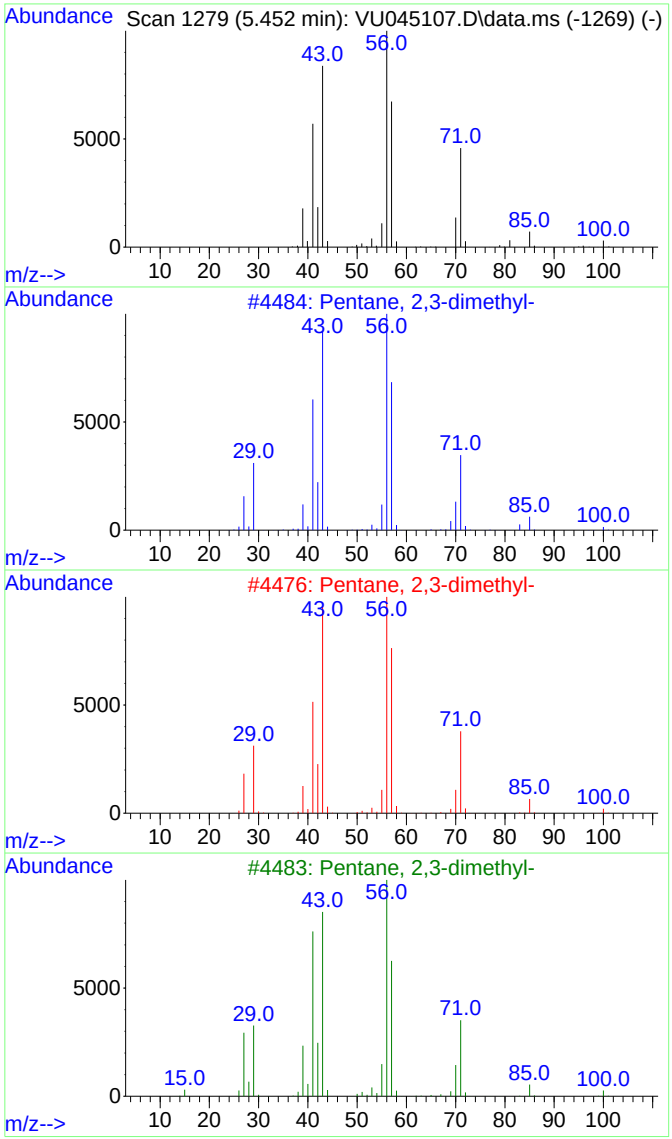
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

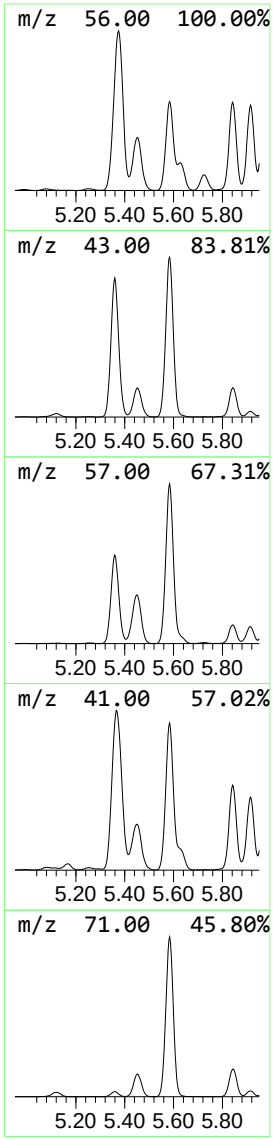
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.452	90.72 ug/L	1191470	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

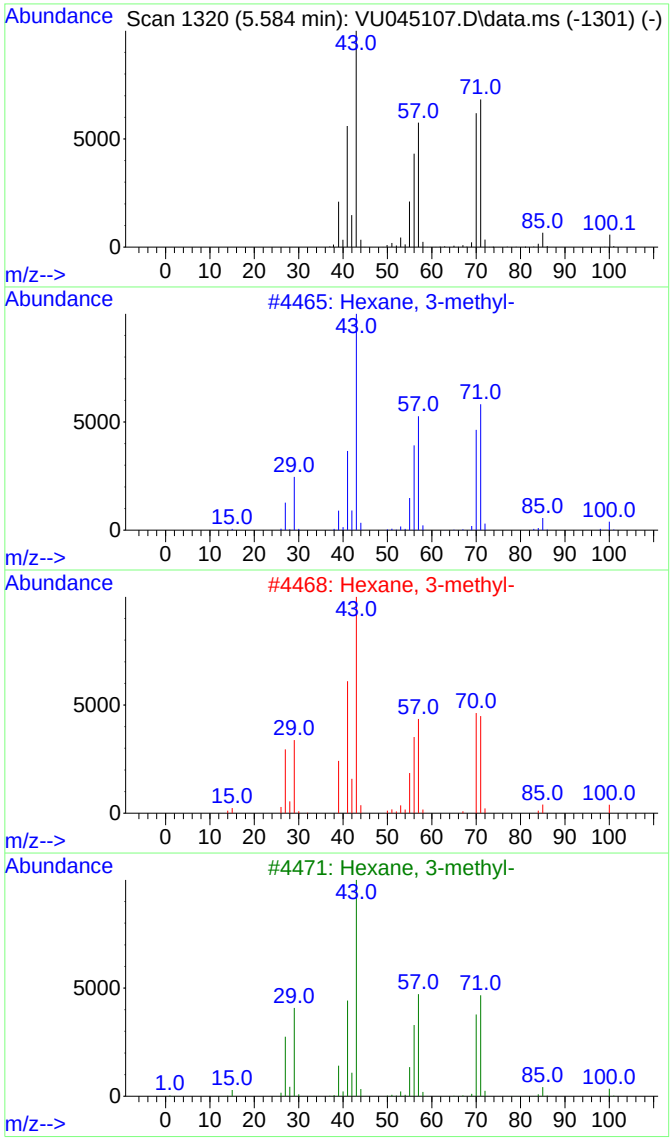
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

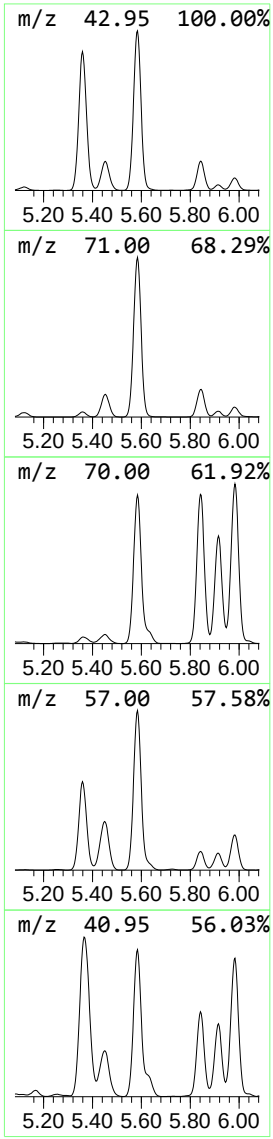
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.584	350.89 ug/L	4608140	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	80
5	Heptane	100	C7H16	000142-82-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

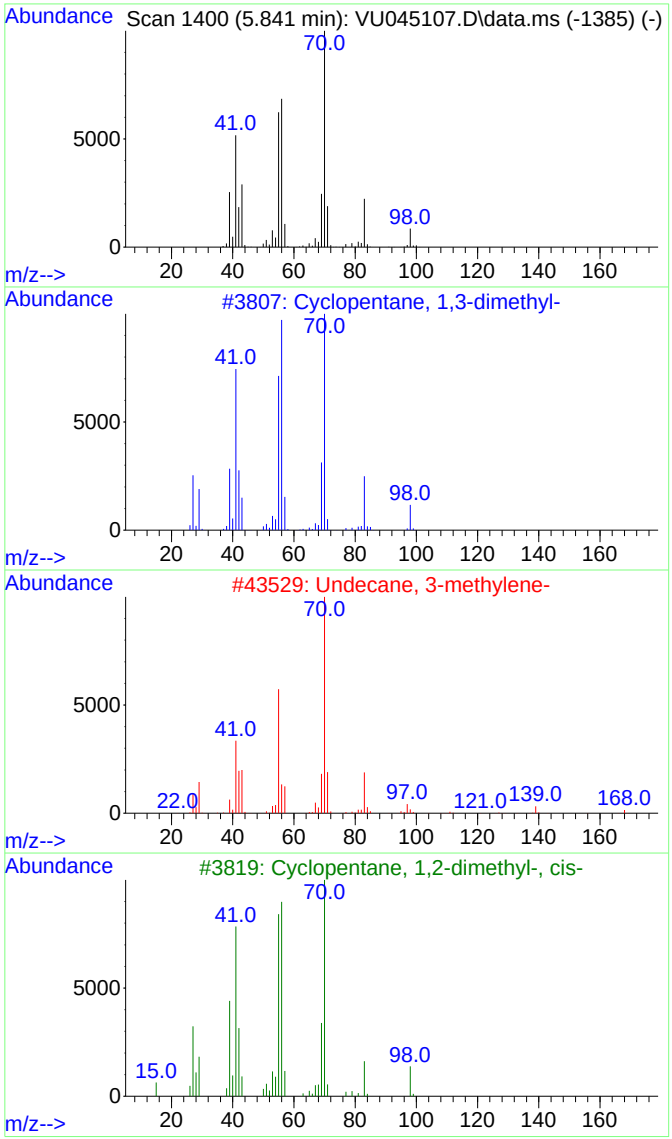
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

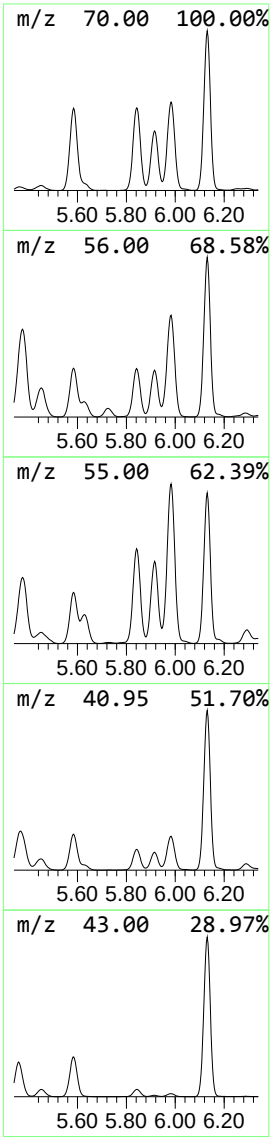
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic5.841 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.841	186.98 ug/L	2455520	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	95
2	Undecane, 3-methylene-	168	C12H24	071138-64-2	72
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	70
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	70
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	70





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Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

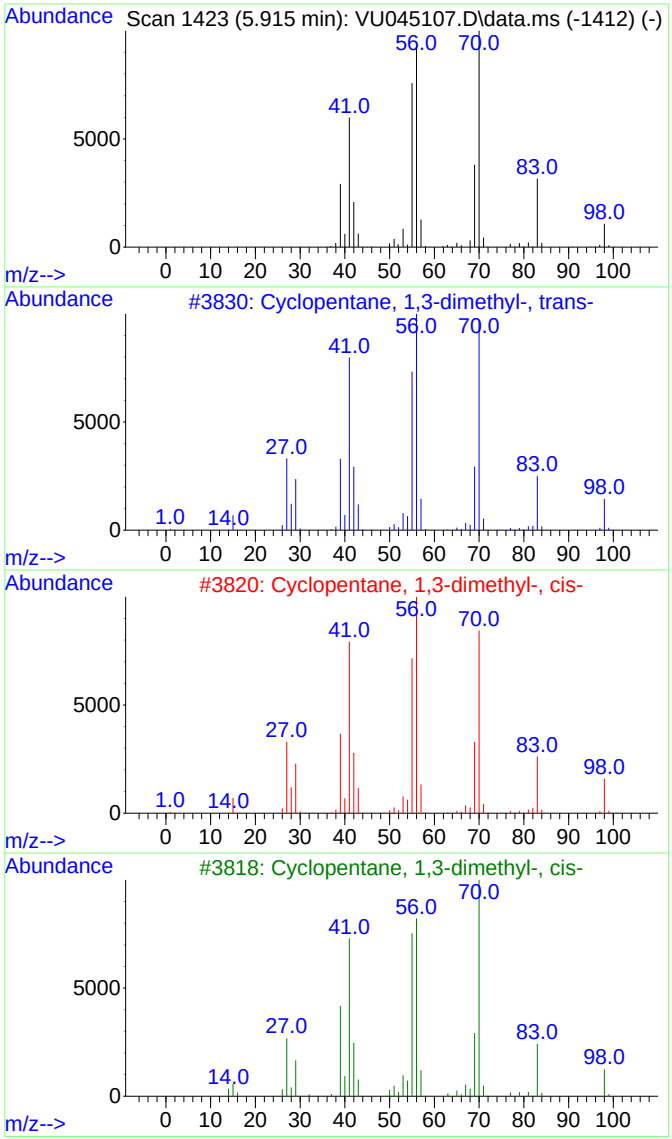
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

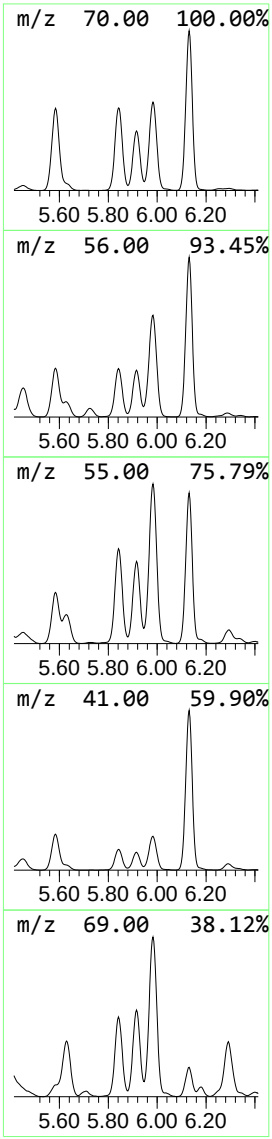
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic5.915 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.915	117.54 ug/L	1543650	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, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

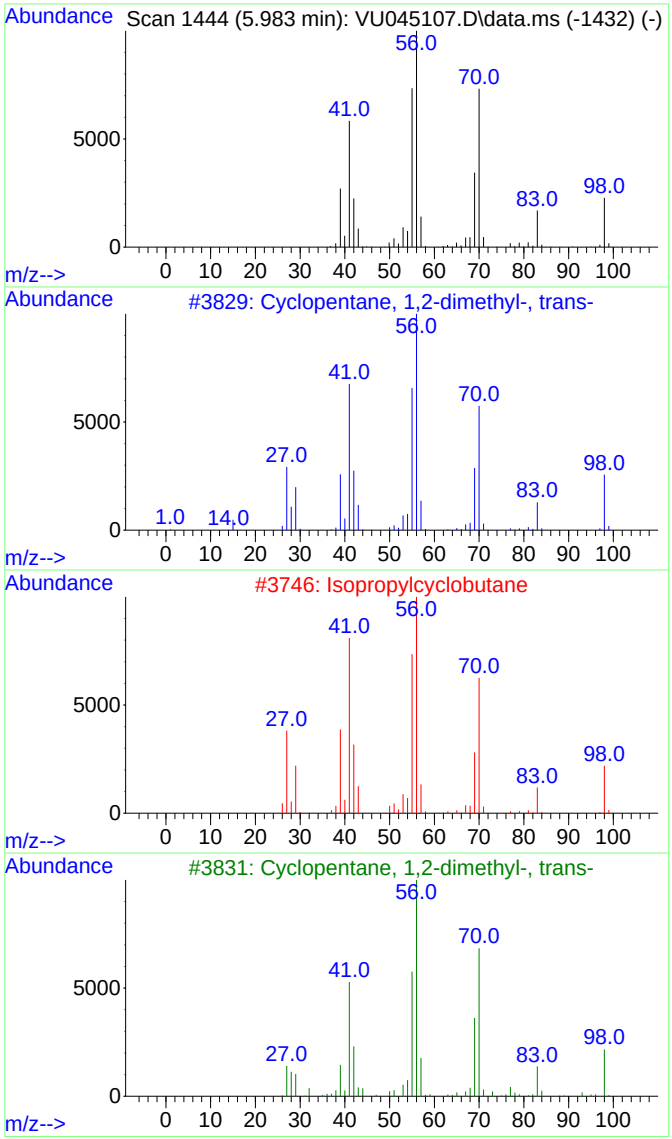
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

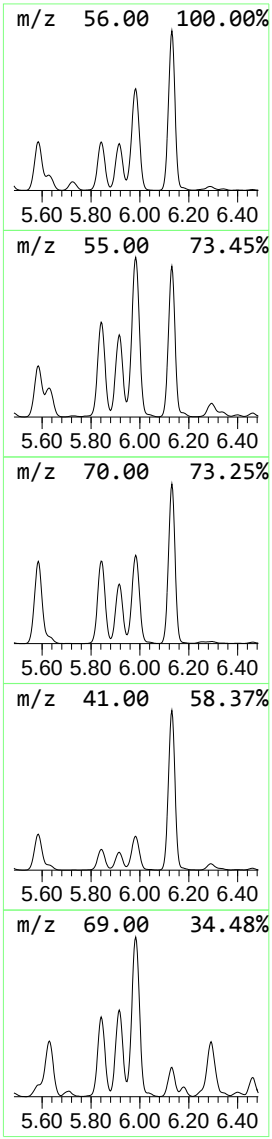
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic5.983 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.983	297.58 ug/L	3908120	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
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, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

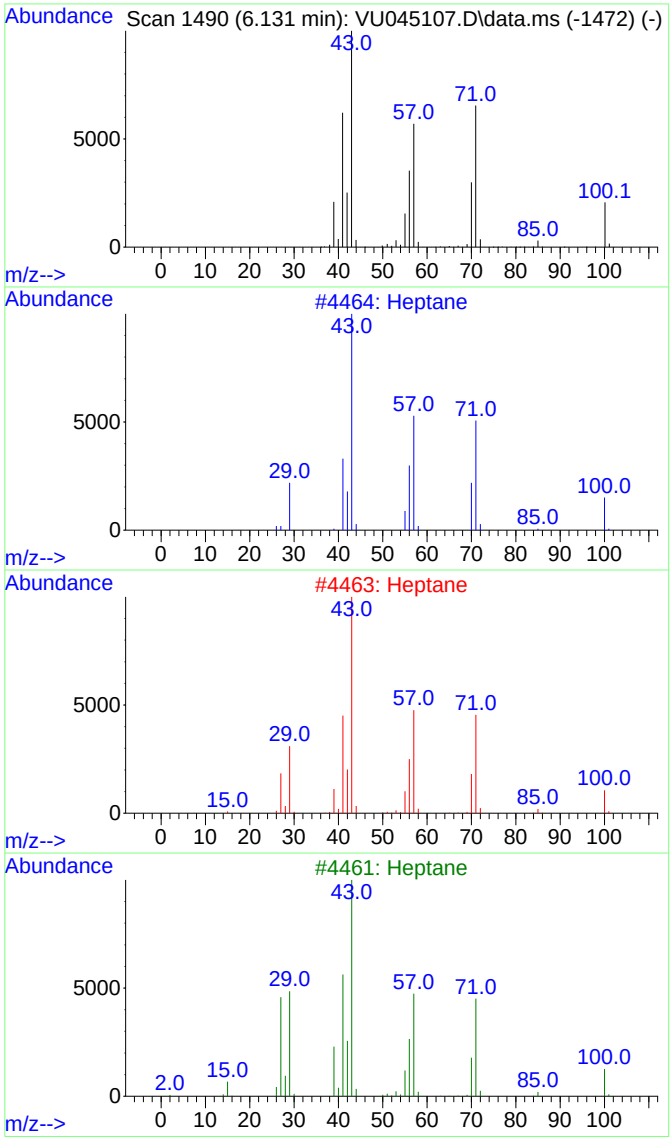
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

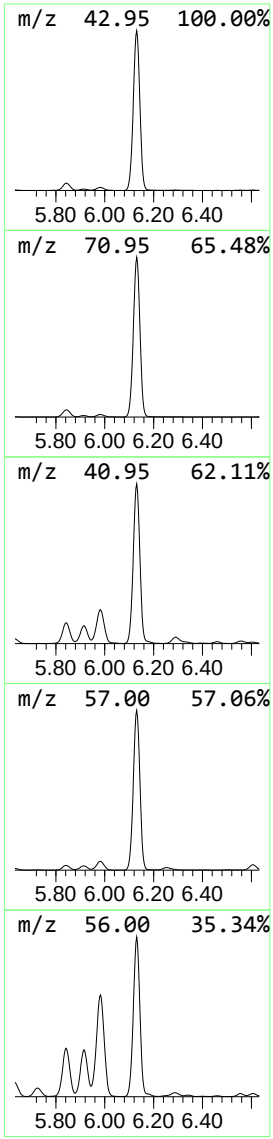
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.131	1005.51 ug/L	13205200	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	64
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\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

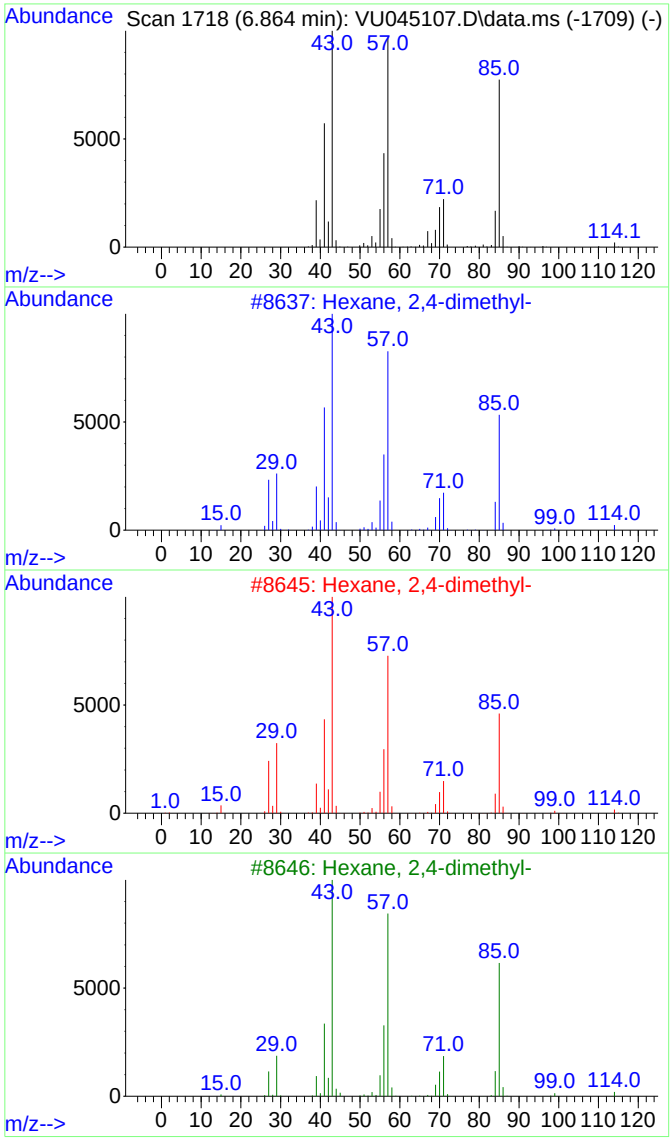
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

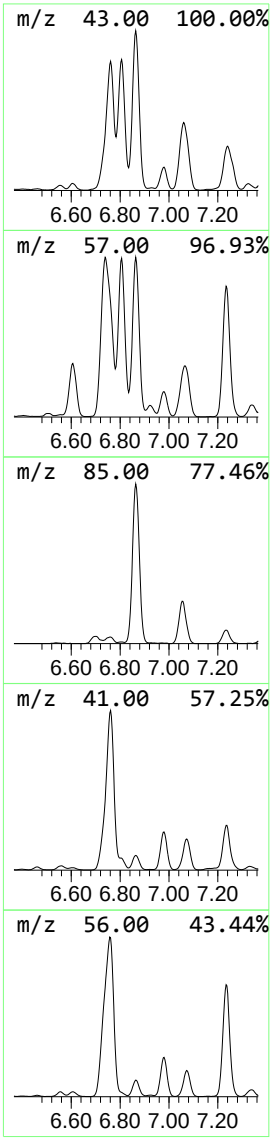
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.864	68.04 ug/L	893591	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	96
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
5	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

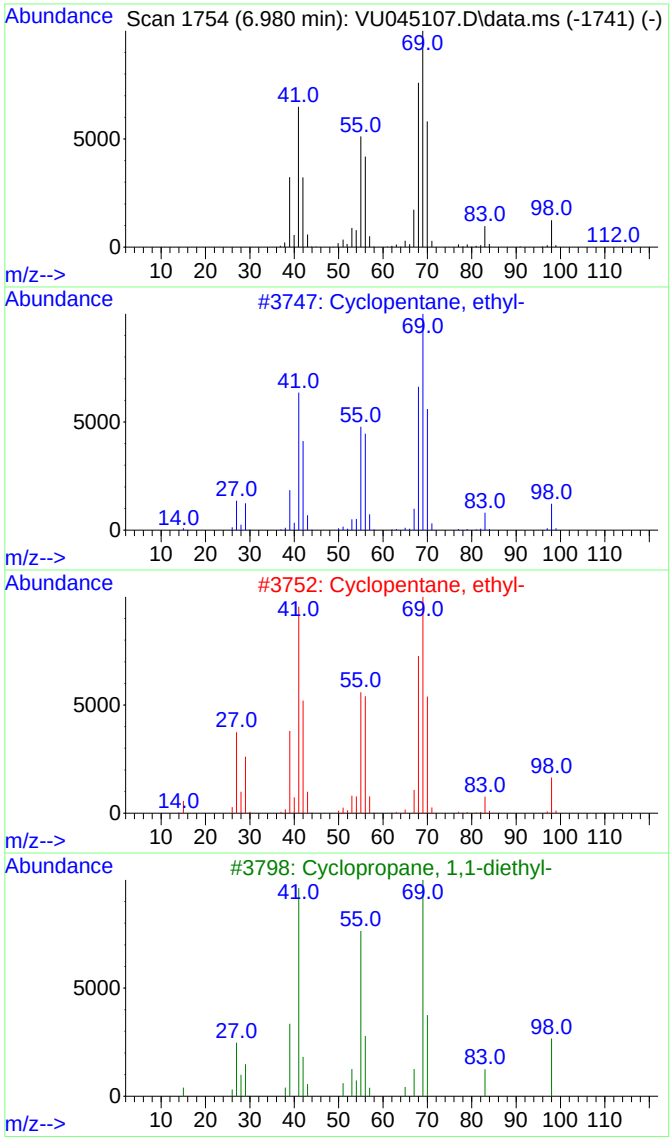
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

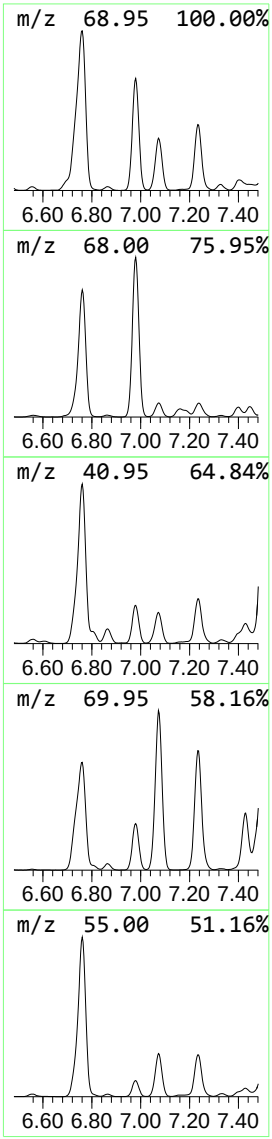
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic6.980 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.980	157.76 ug/L	2071840	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	94
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	91
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
4	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43
5	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

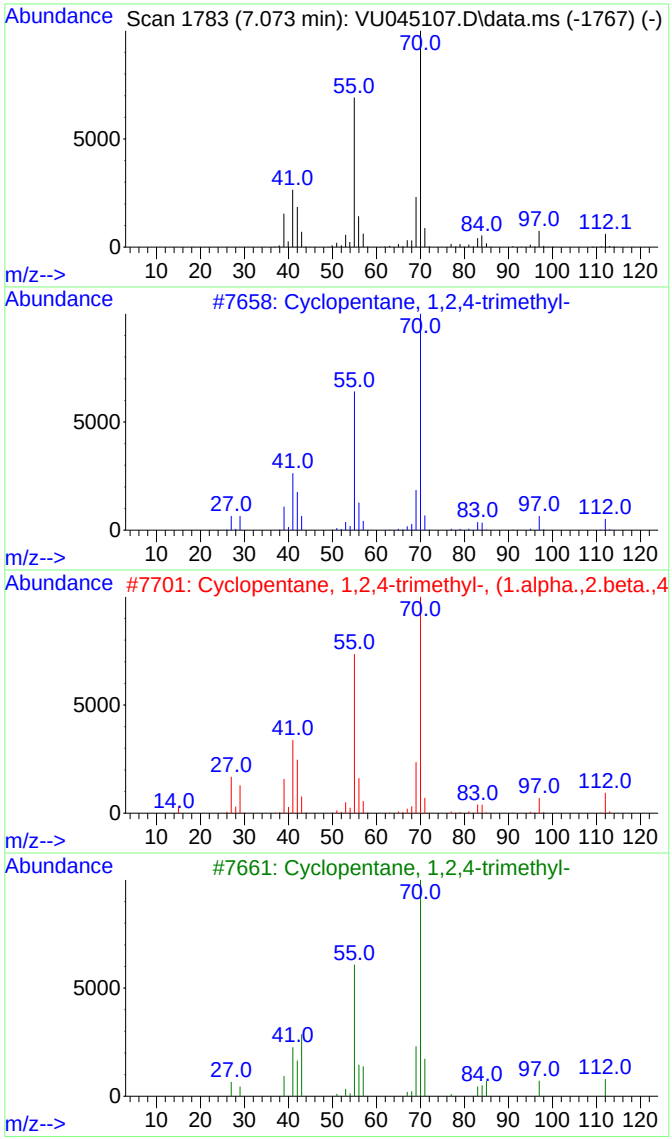
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

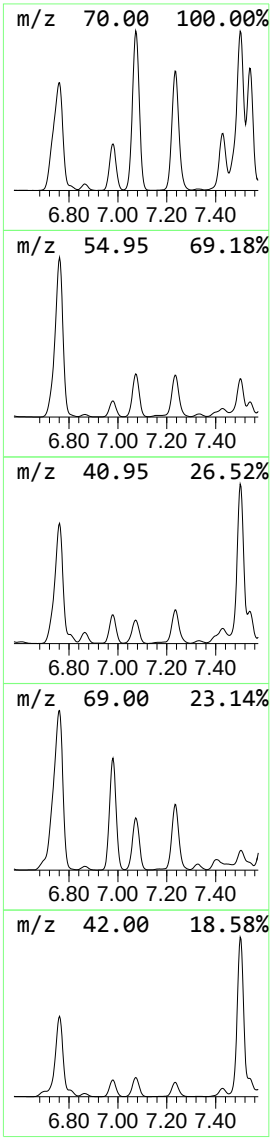
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic7.073 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.073	217.69 ug/L	2858850	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

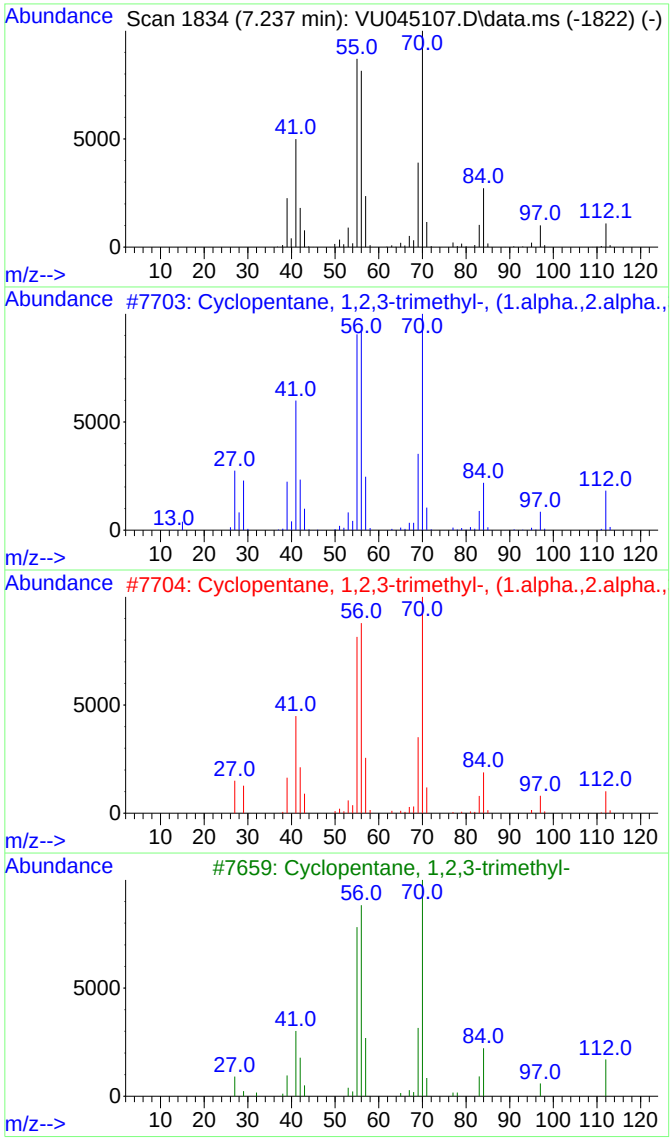
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

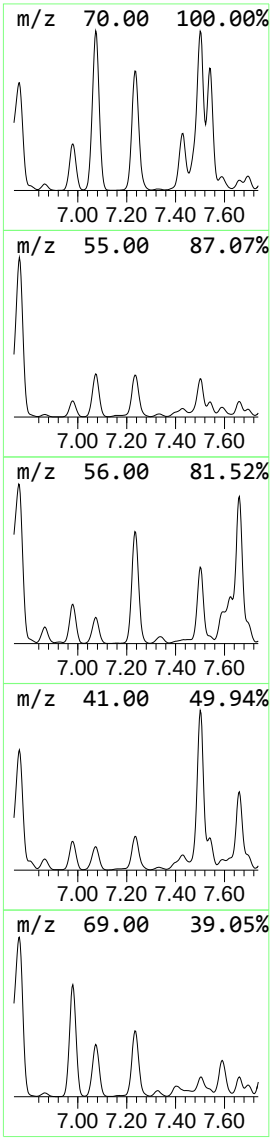
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic7.237 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.237	276.89 ug/L	3636420	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	93
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
4	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	72
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

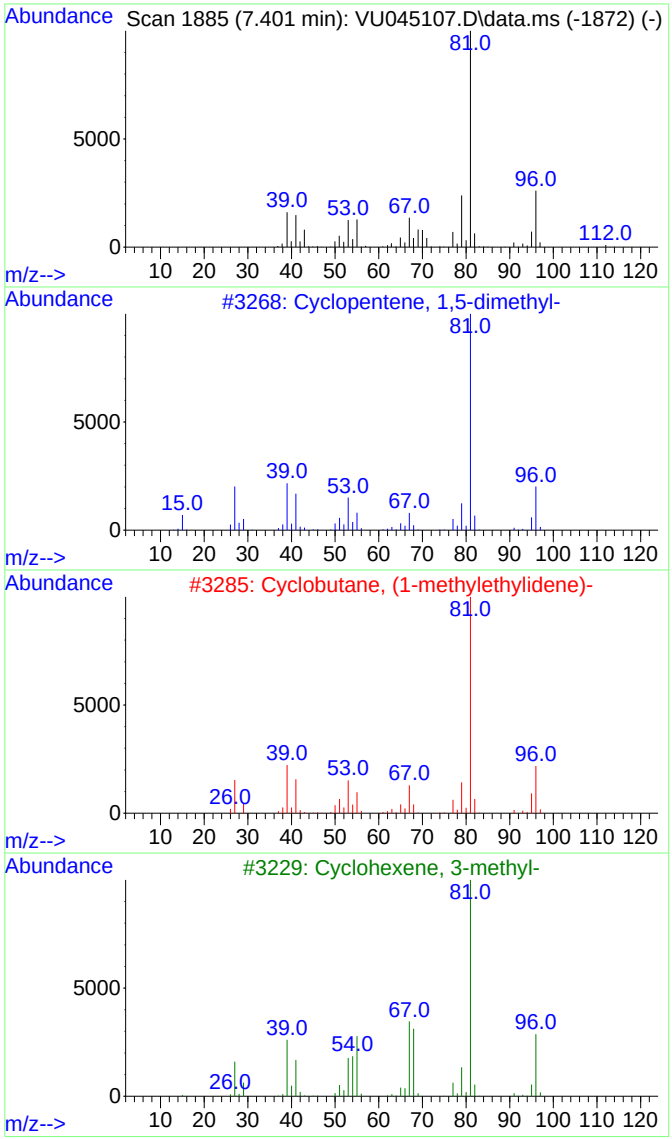
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

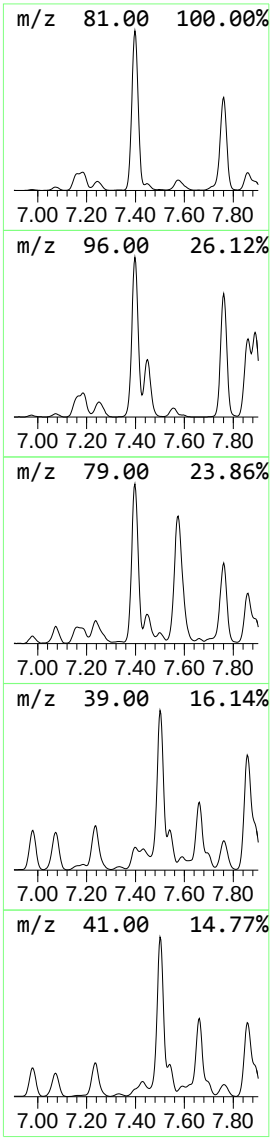
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopentene, 1,5-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.401	100.27 ug/L	1316820	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	87
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	80
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
5	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

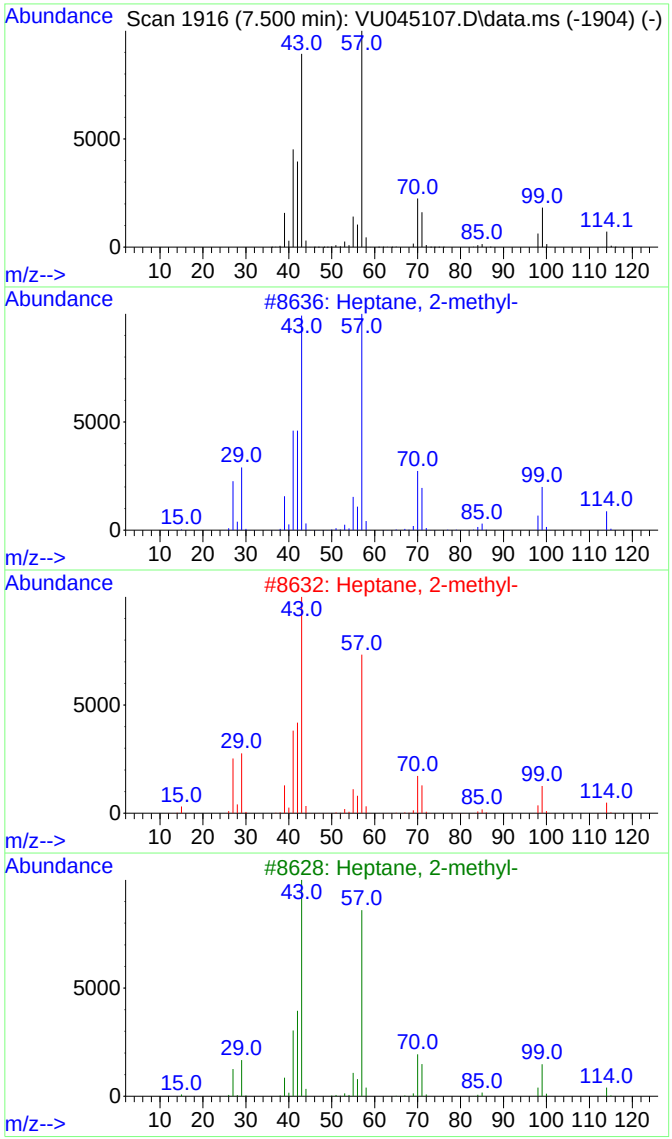
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

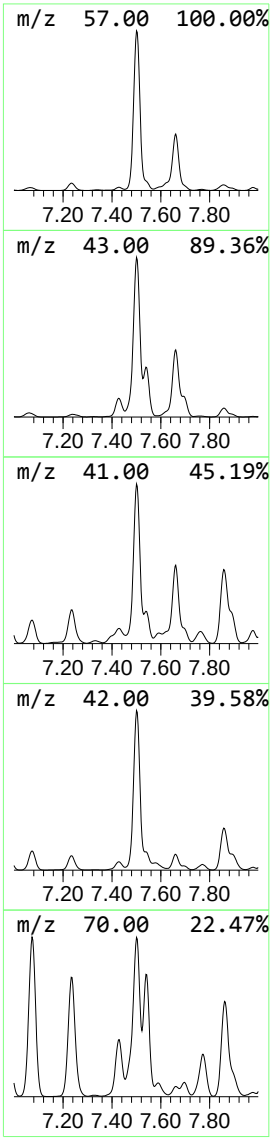
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.500	832.27 ug/L	10930100	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	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

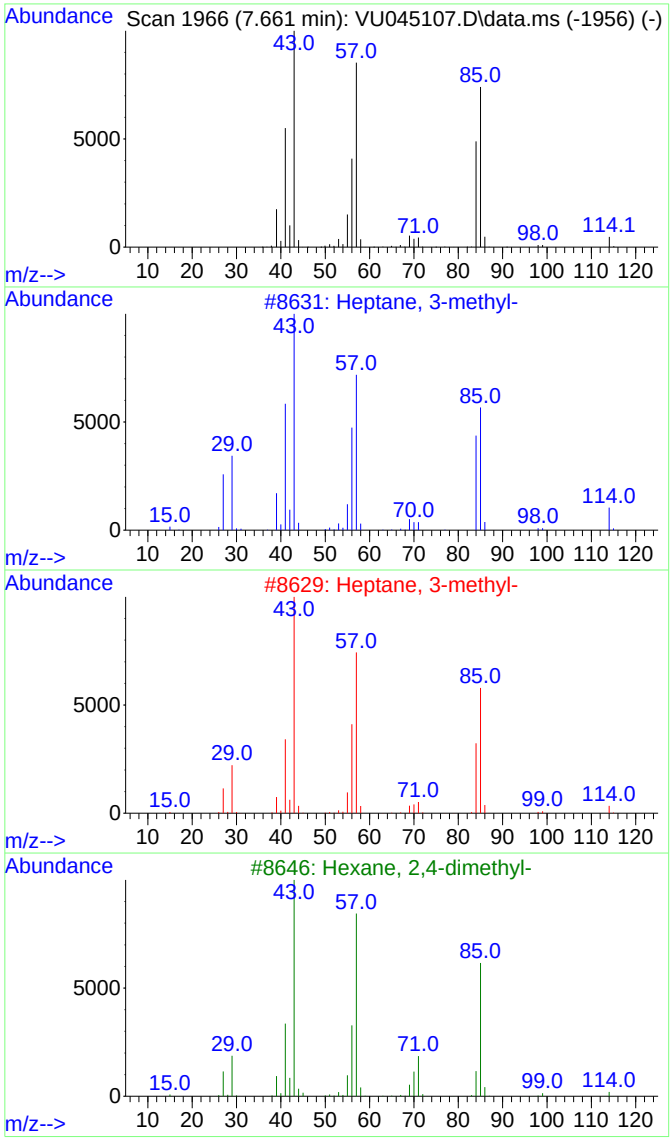
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

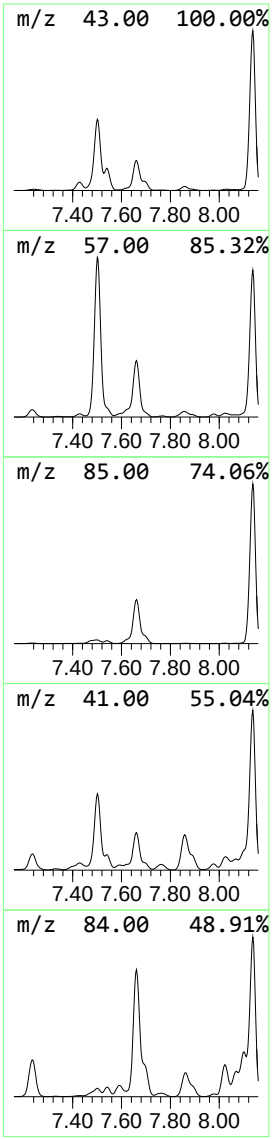
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.661	492.43 ug/L	6467010	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	91
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	74
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64





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Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

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

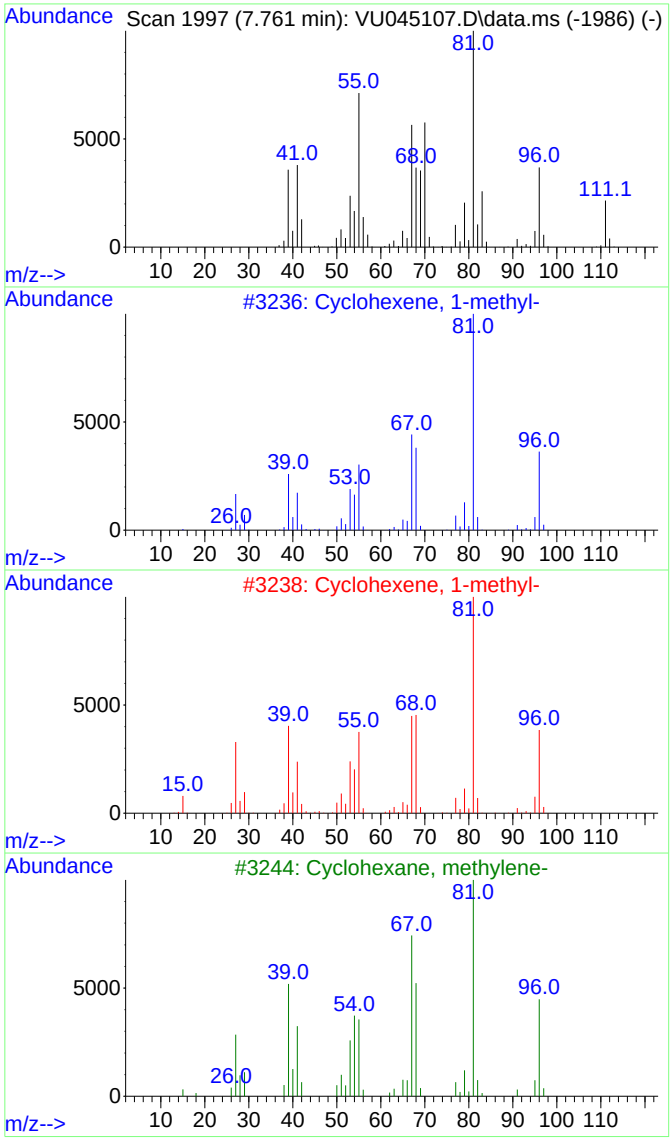
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

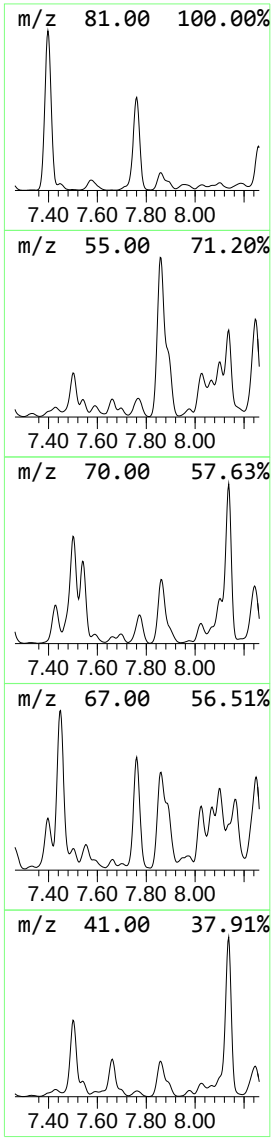
****

Peak Number 18 Cyclohexene, 1-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.761	160.41 ug/L	2106590	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	Cyclohexane, methylene-	96	C7H12	001192-37-6	64
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	60
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	60





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Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

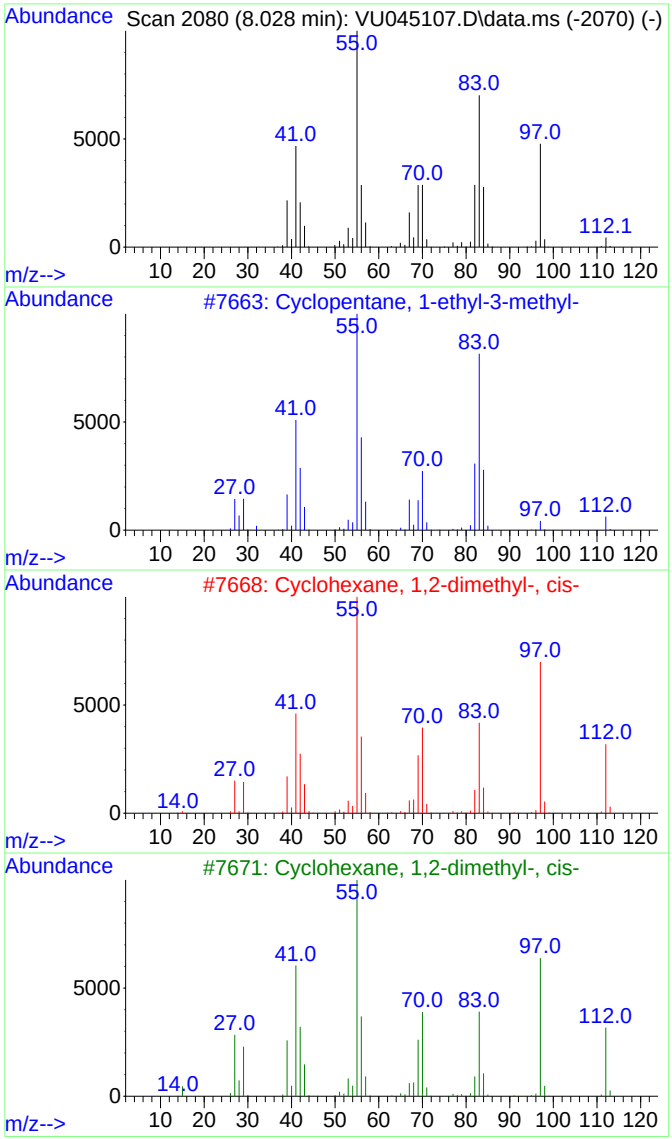
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

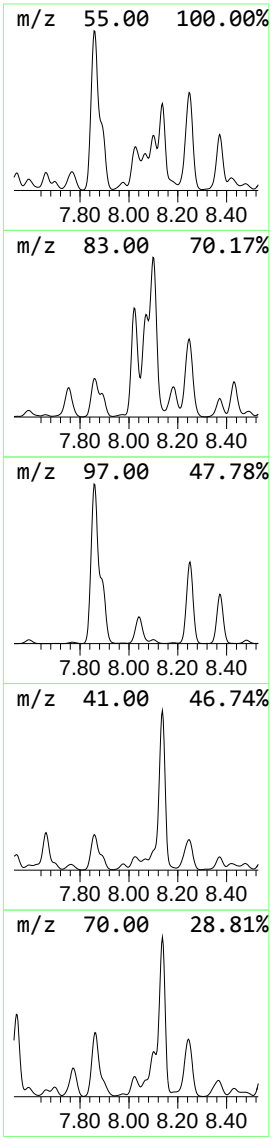
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic8.028 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.028	183.80 ug/L	2413280	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	76
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	64
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	52
4	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	52
5	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

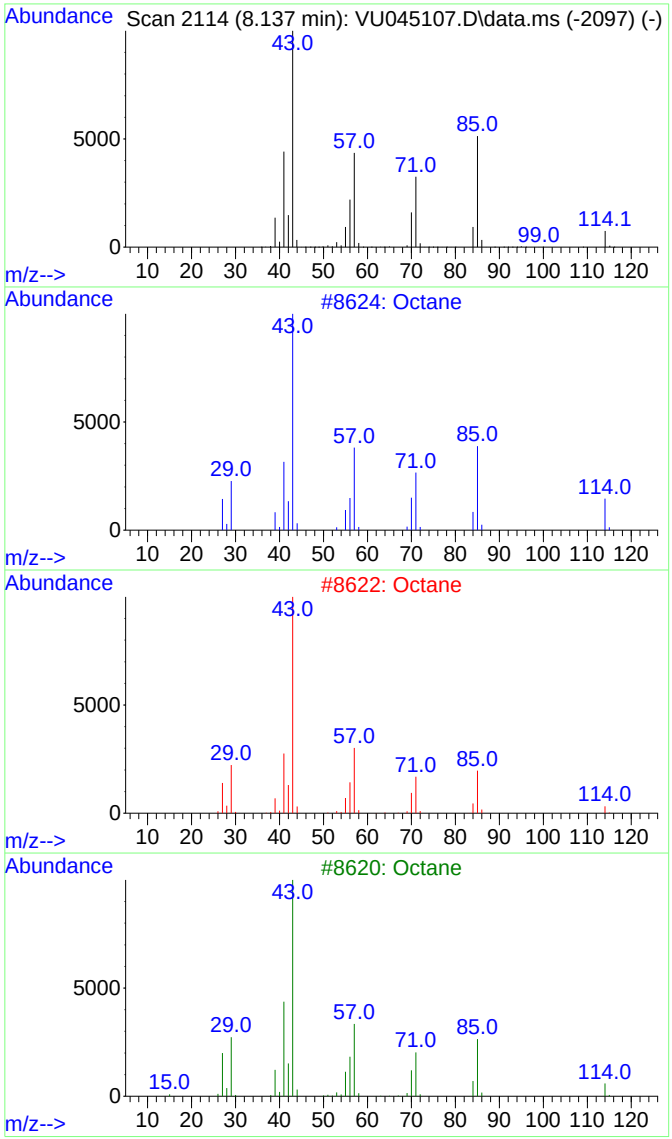
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

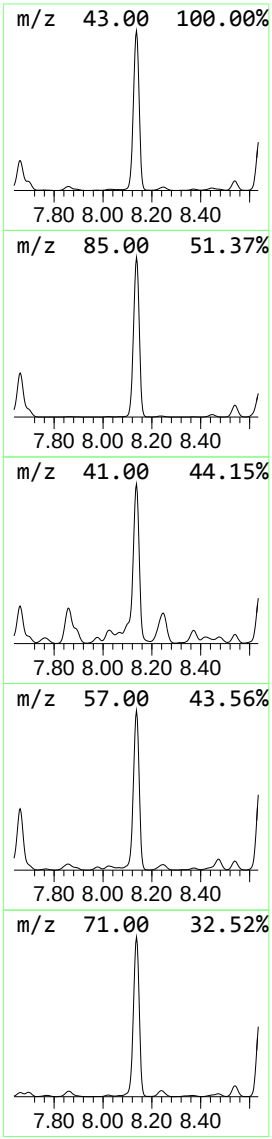
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.137	1855.82 ug/L	24367200	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Octane	114	C8H18	000111-65-9	91
3	Octane	114	C8H18	000111-65-9	83
4	Octane	114	C8H18	000111-65-9	81
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

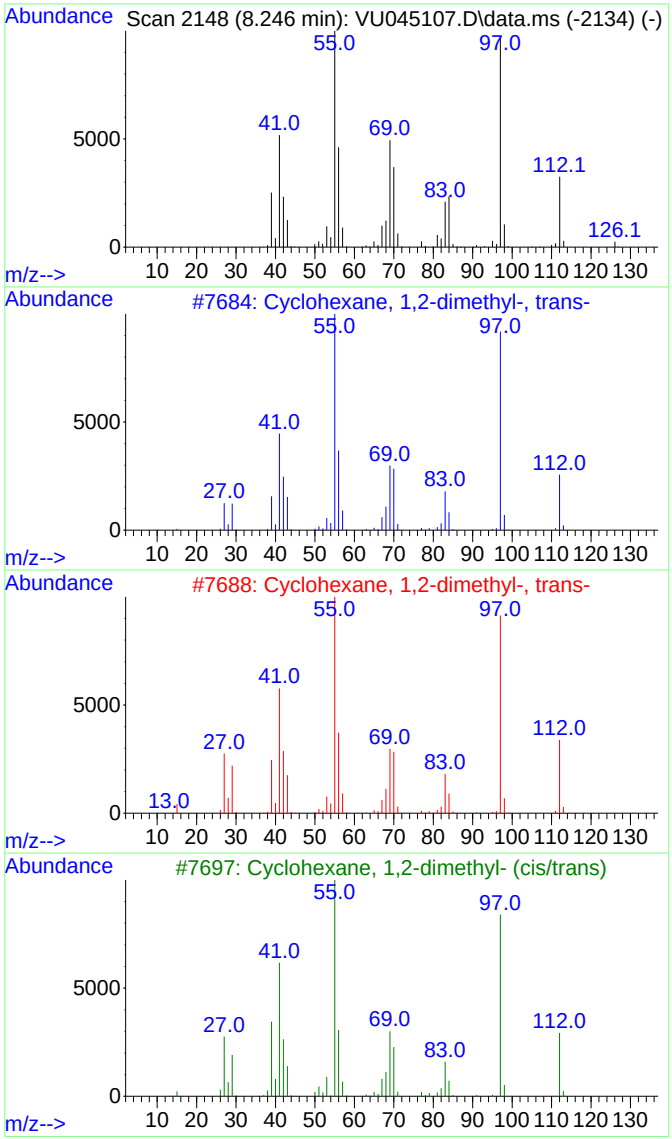
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

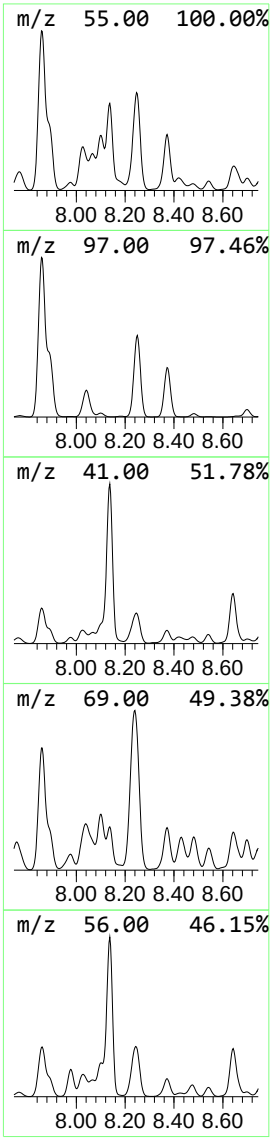
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic8.246 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.246	588.91 ug/L	7732540	Chlorobenzene-d5	9.433

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-, trans-	112	C8H16	006876-23-9	91
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

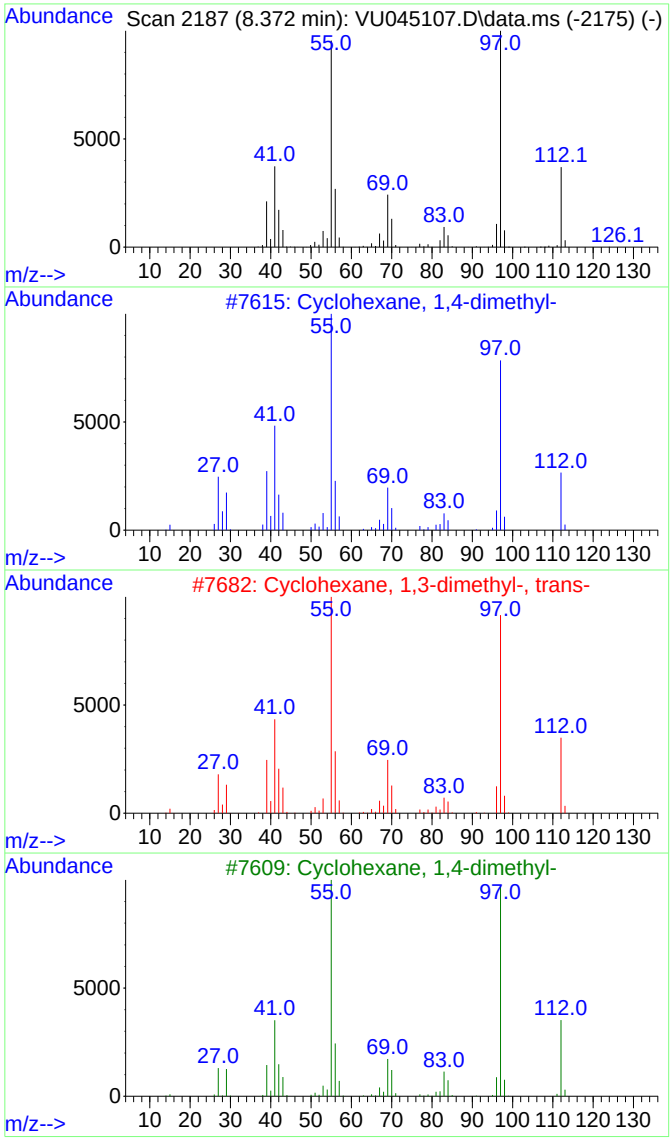
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

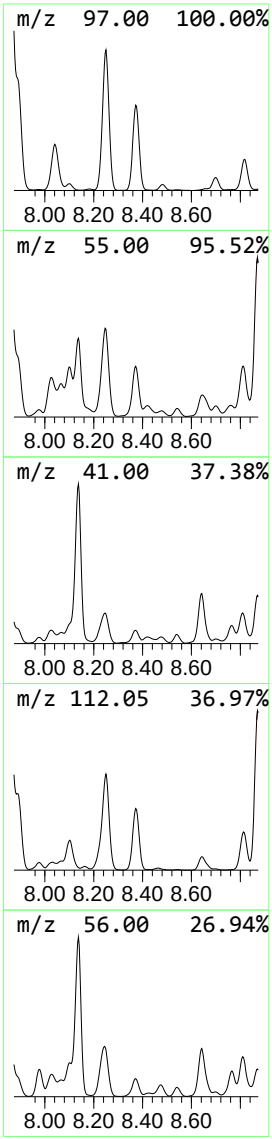
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic8.372 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.372	204.01 ug/L	2678690	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	97
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

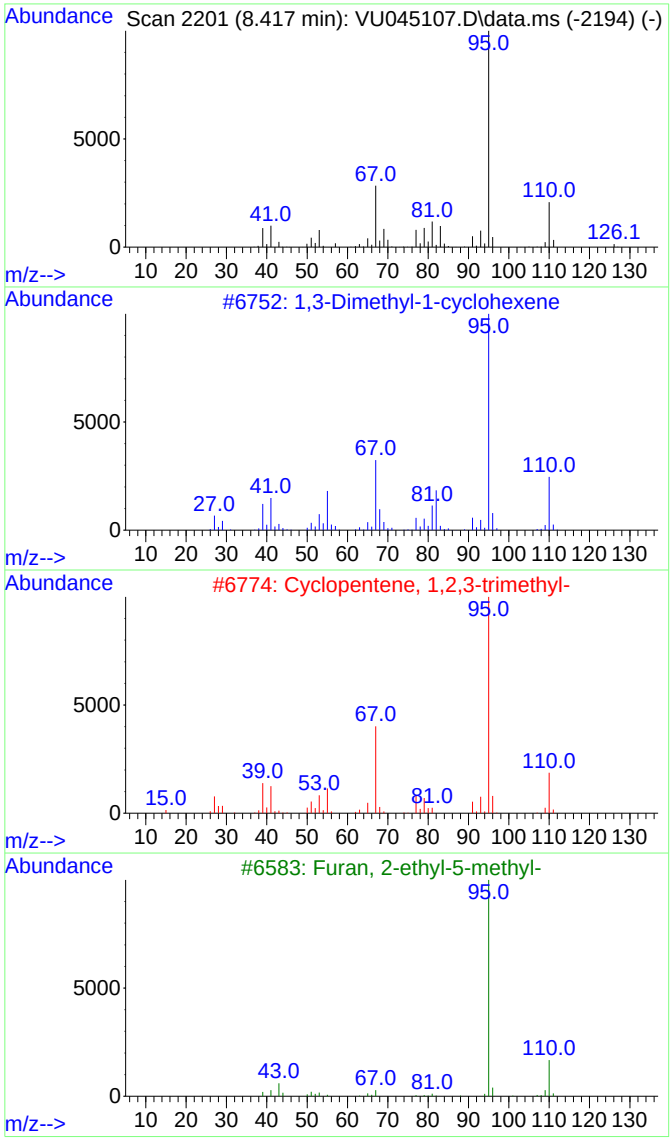
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

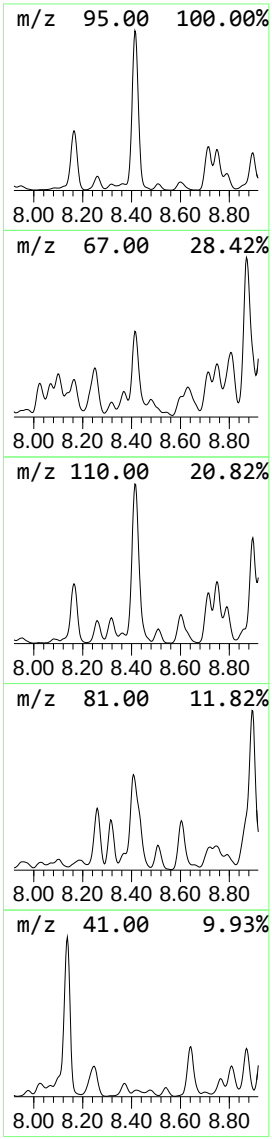
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1,3-Dimethyl-1-cyclohexene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.417	121.43 ug/L	1594440	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	87
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	74
3	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	64
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	59
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

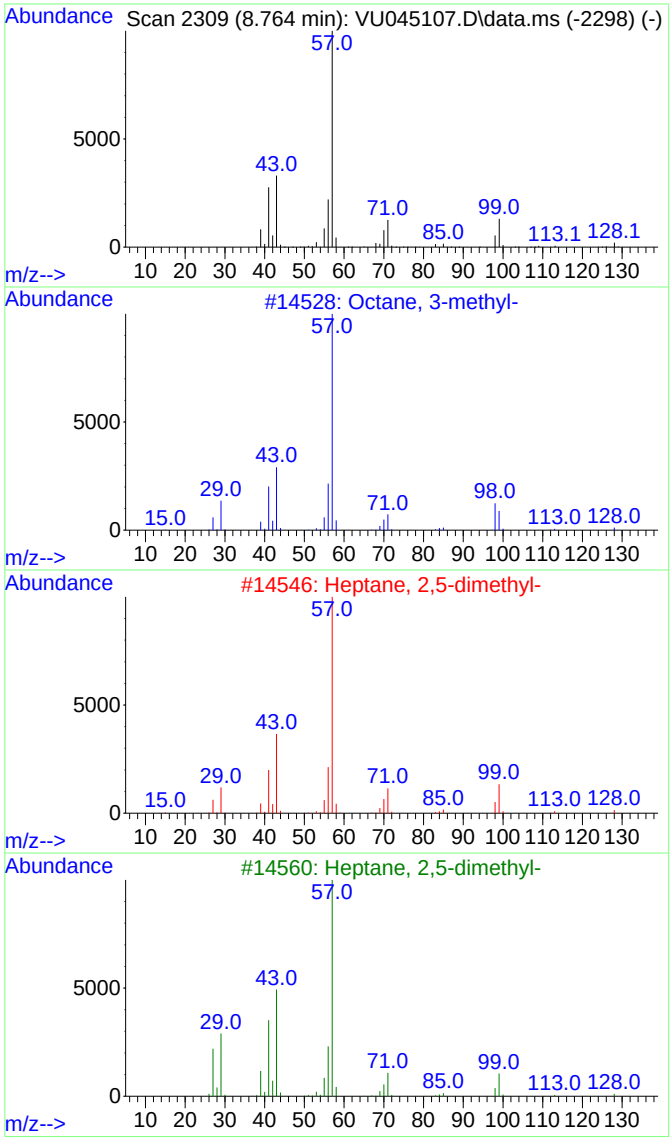
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

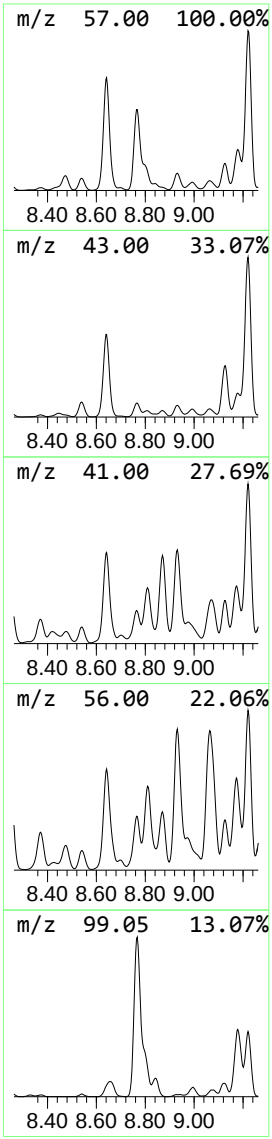
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.764	199.68 ug/L	2621840	Chlorobenzene-d5	9.433

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\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

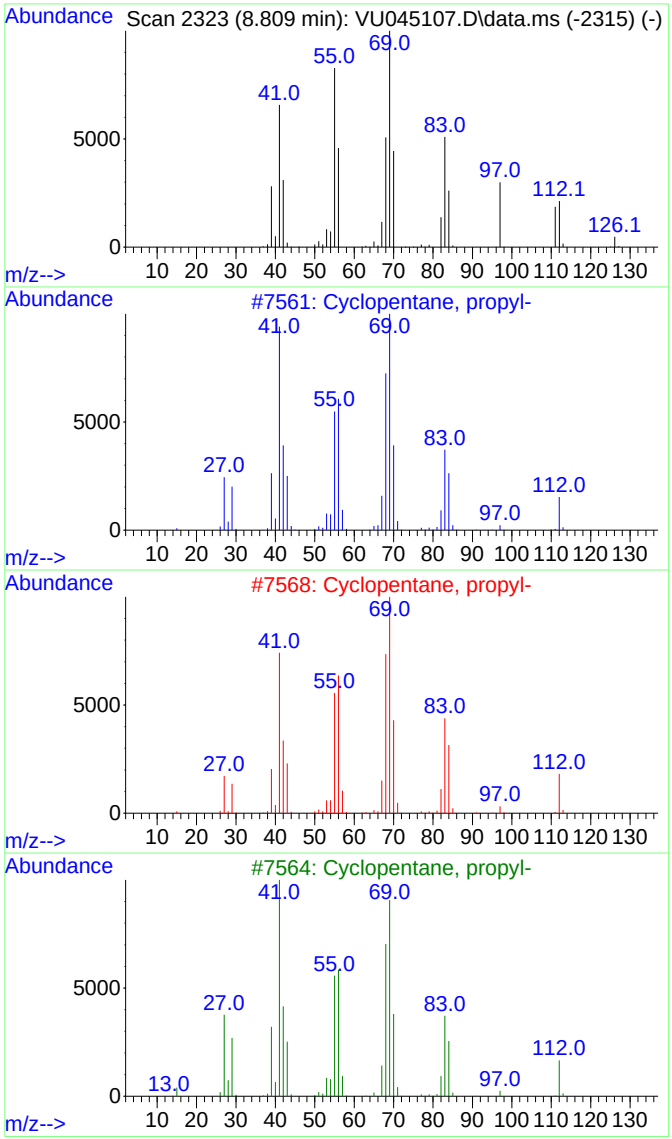
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

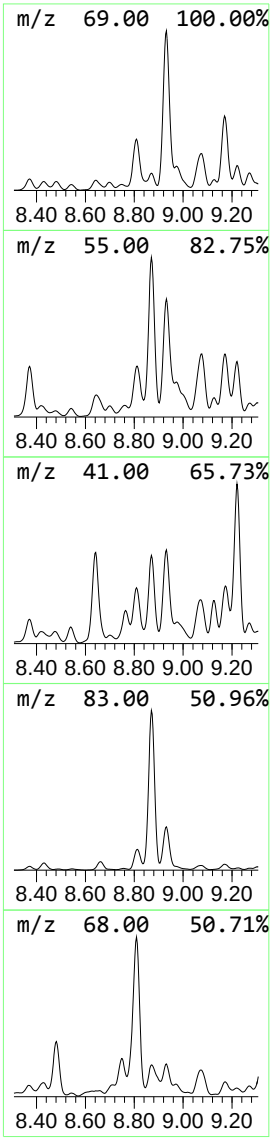
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic8.809 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.809	287.05 ug/L	3769060	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	68
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	64
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	58
4	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	46
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	43





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Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

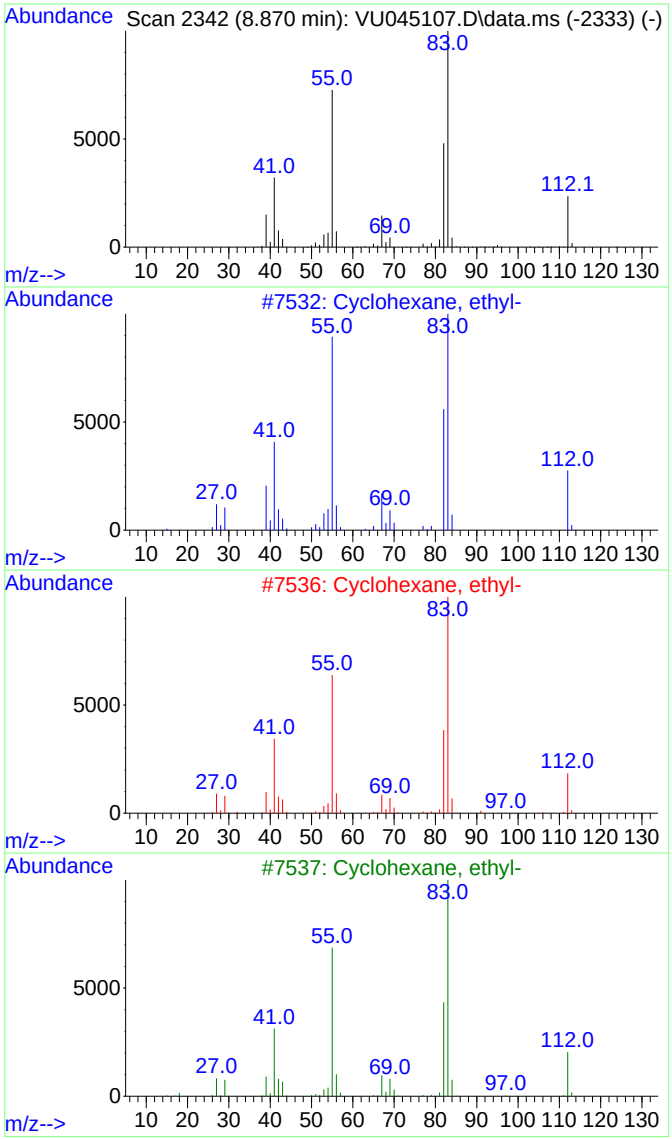
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

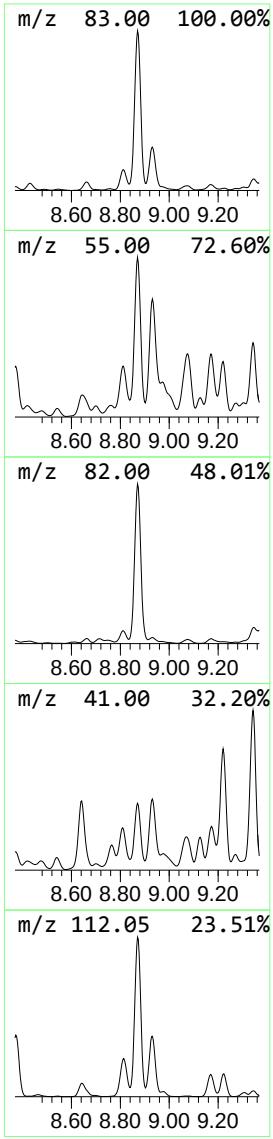
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic8.870 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.870	540.16 ug/L	7092440	Chlorobenzene-d5	9.433

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	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

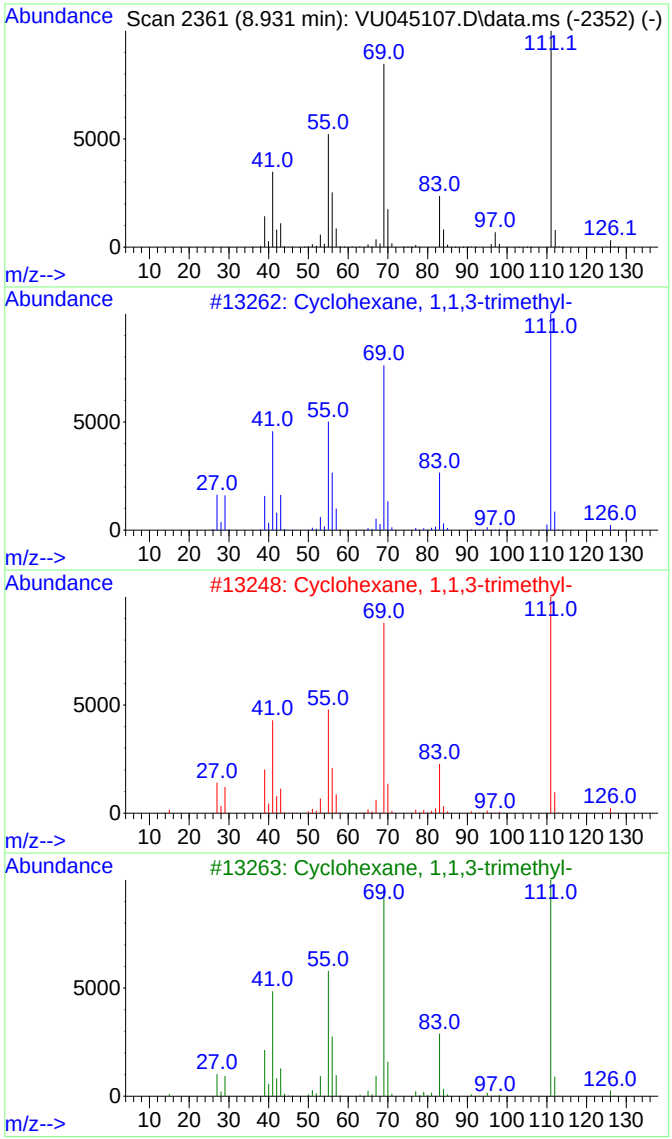
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

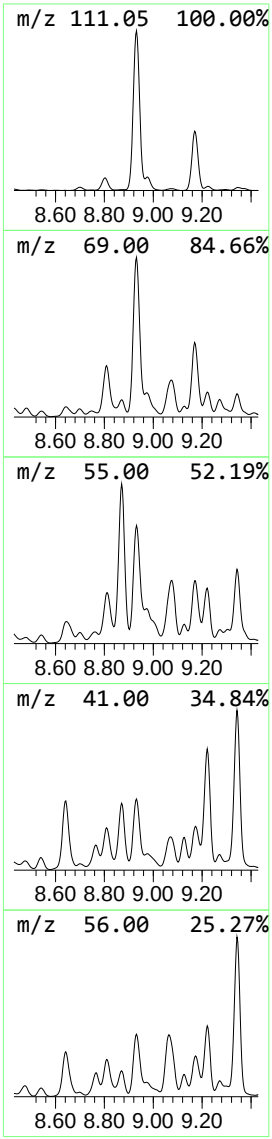
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic8.931 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.931	670.56 ug/L	8804540	Chlorobenzene-d5	9.433

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	80
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

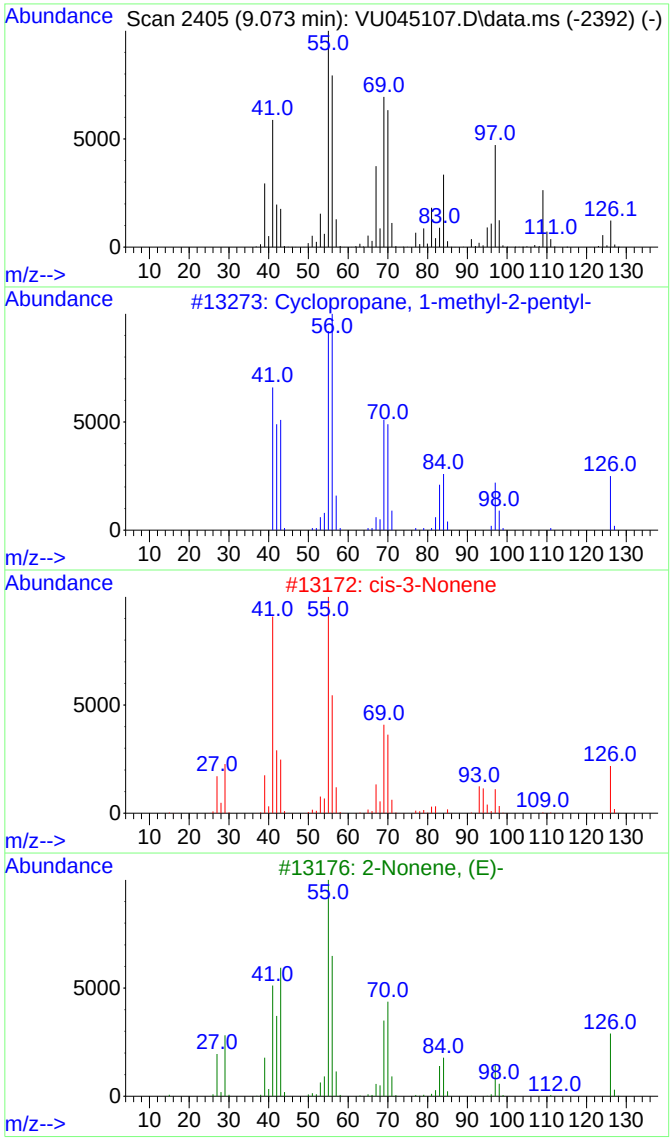
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

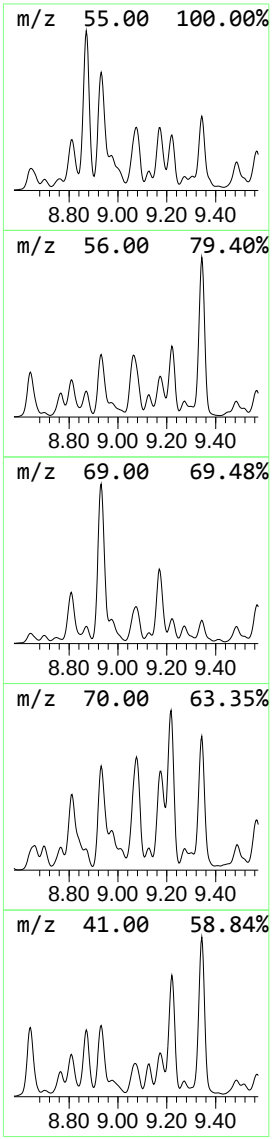
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic9.073 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.073	454.08 ug/L	5962120	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	70
2	cis-3-Nonene	126	C9H18	020237-46-1	60
3	2-Nonene, (E)-	126	C9H18	006434-78-2	58
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	43
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

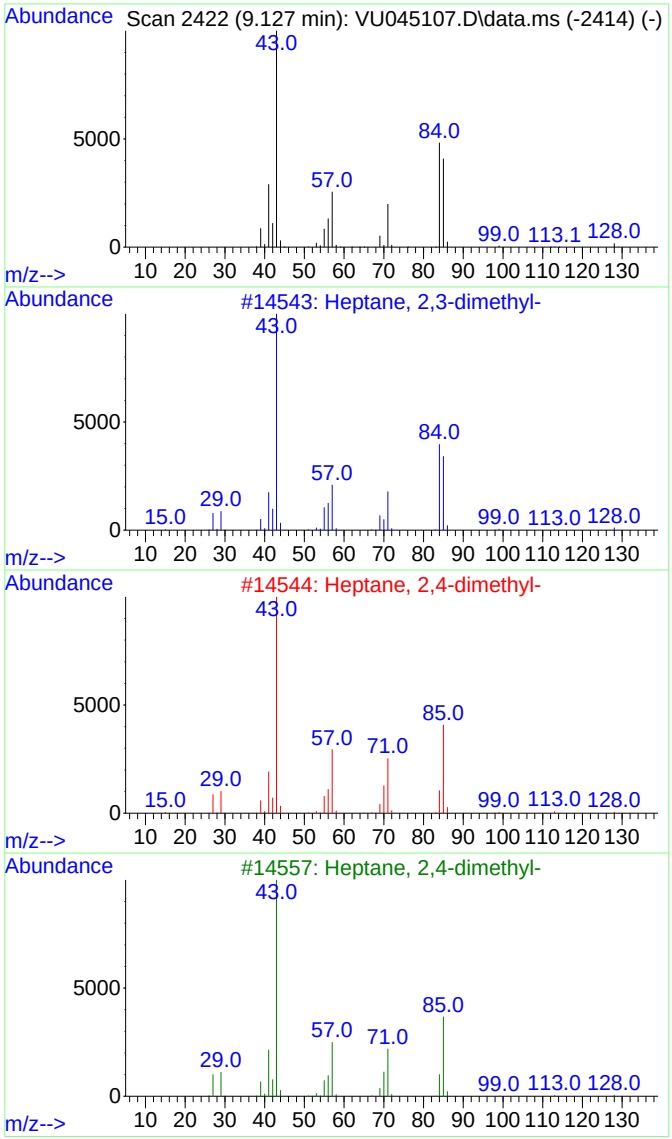
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

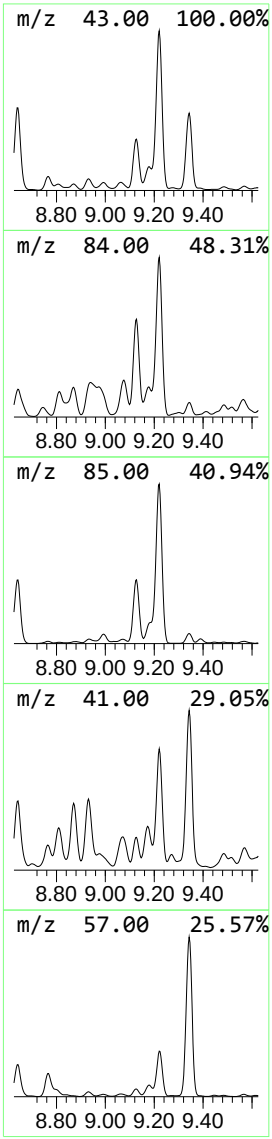
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.127	260.64 ug/L	3422270	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	81
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

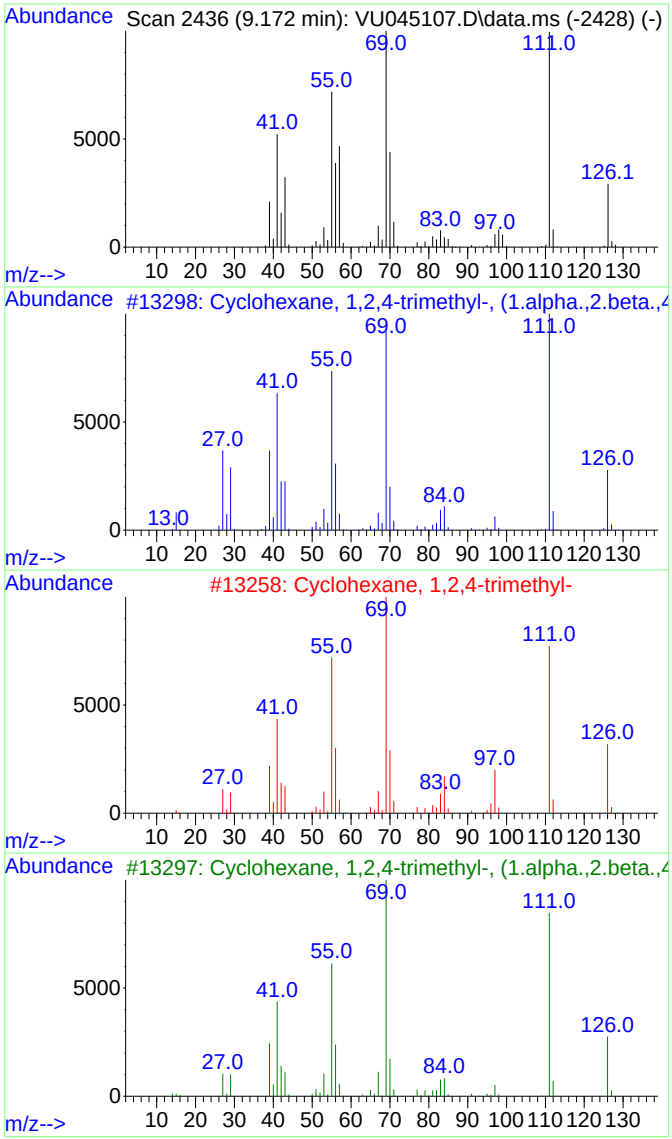
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

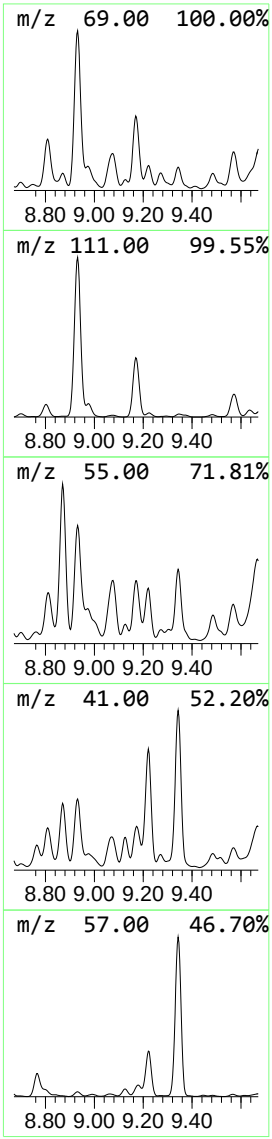
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic9.172 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.172	486.38 ug/L	6386310	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	83
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	83
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	76
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	76
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

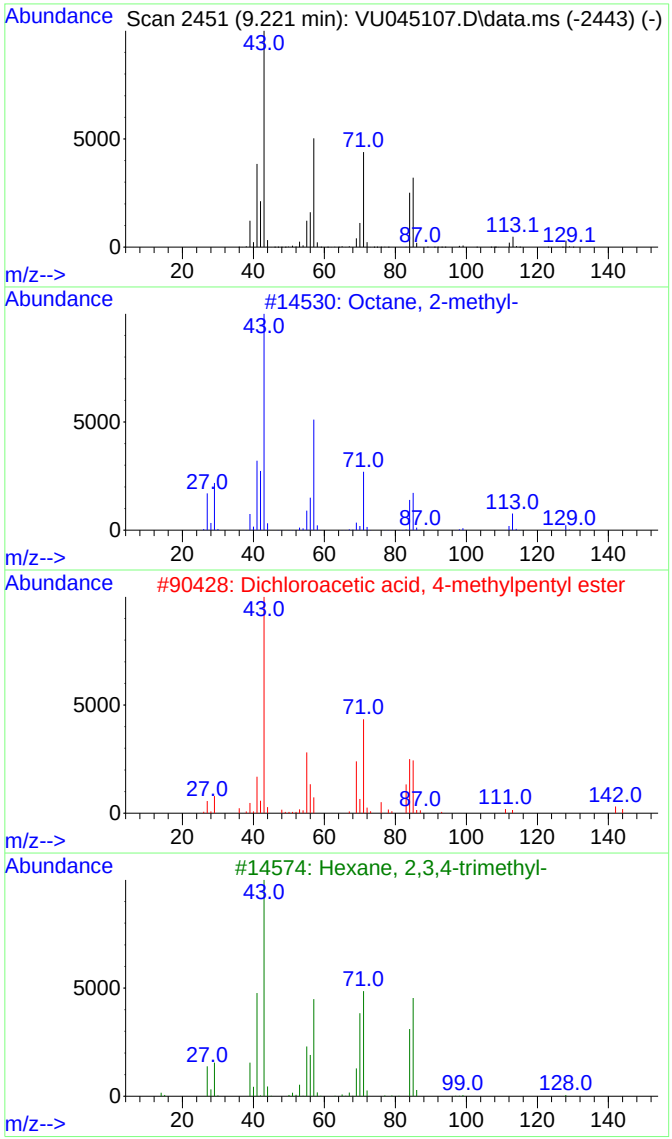
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

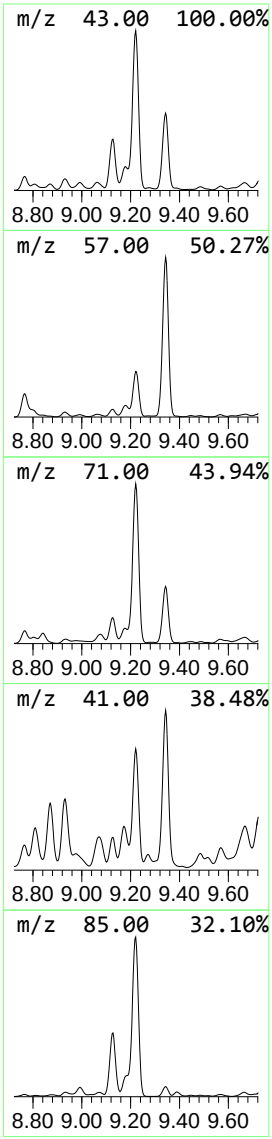
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.221	1073.85 ug/L	14099800	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	90
2	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	64
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4	Octane, 4-methyl-	128	C9H20	002216-34-4	53
5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

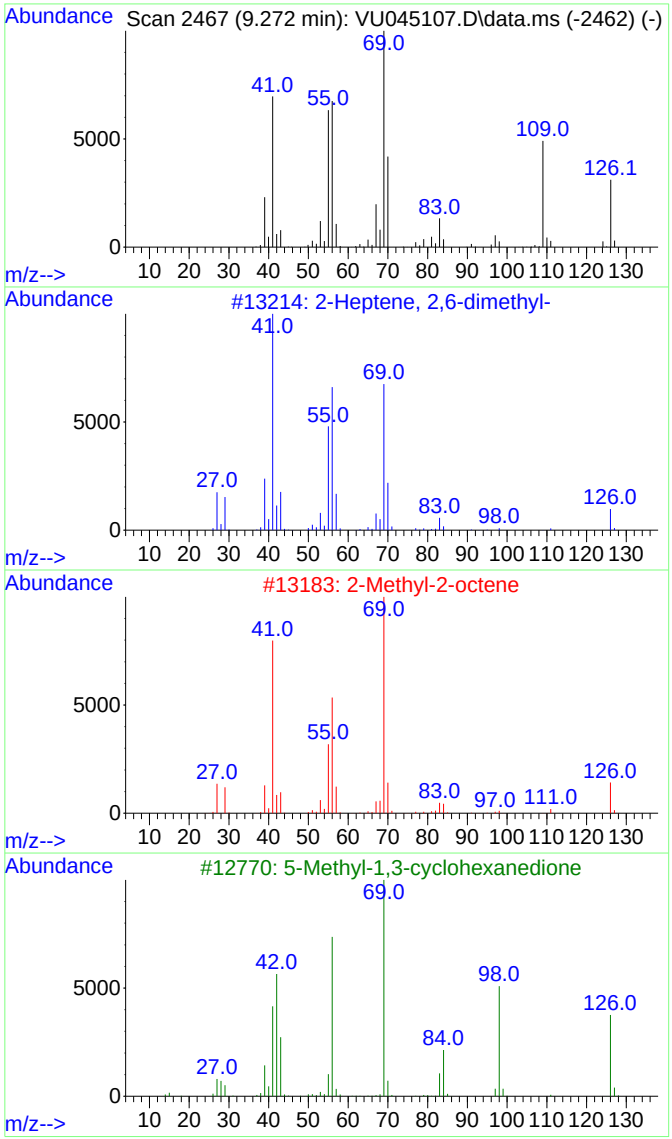
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

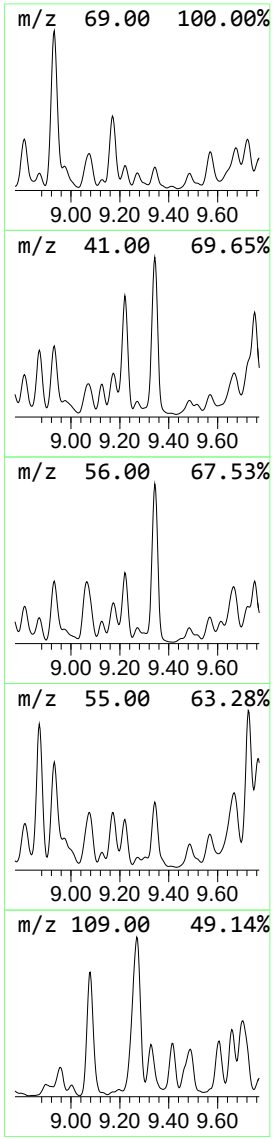
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.272	59.94 ug/L	787011	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	68
2	2-Methyl-2-octene	126	C9H18	016993-86-5	47
3	5-Methyl-1,3-cyclohexanedione	126	C7H10O2	004341-24-6	47
4	Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	43
5	3-Methyl-2-hexene	98	C7H14	017618-77-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

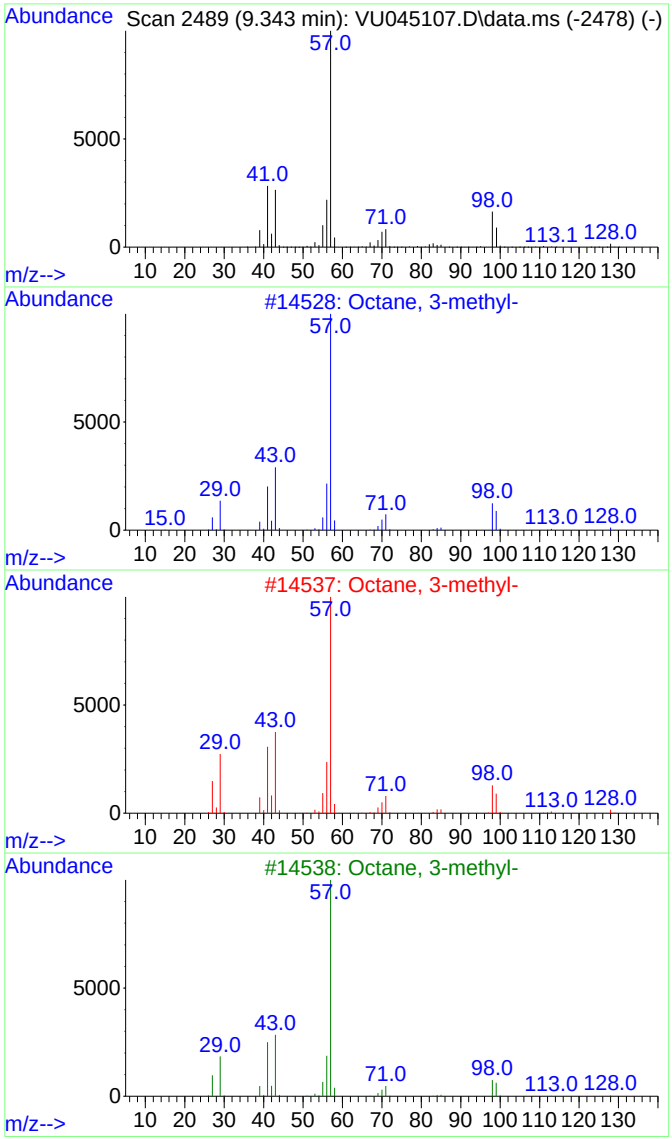
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

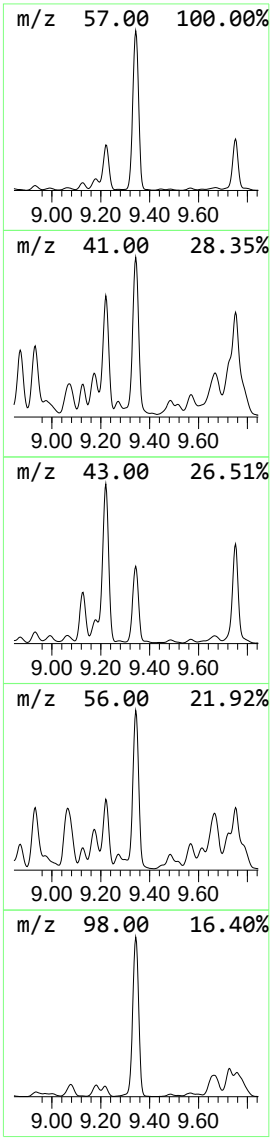
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.343	1343.37 ug/L	17638700	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	87
3	Octane, 3-methyl-	128	C9H20	002216-33-3	83
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

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

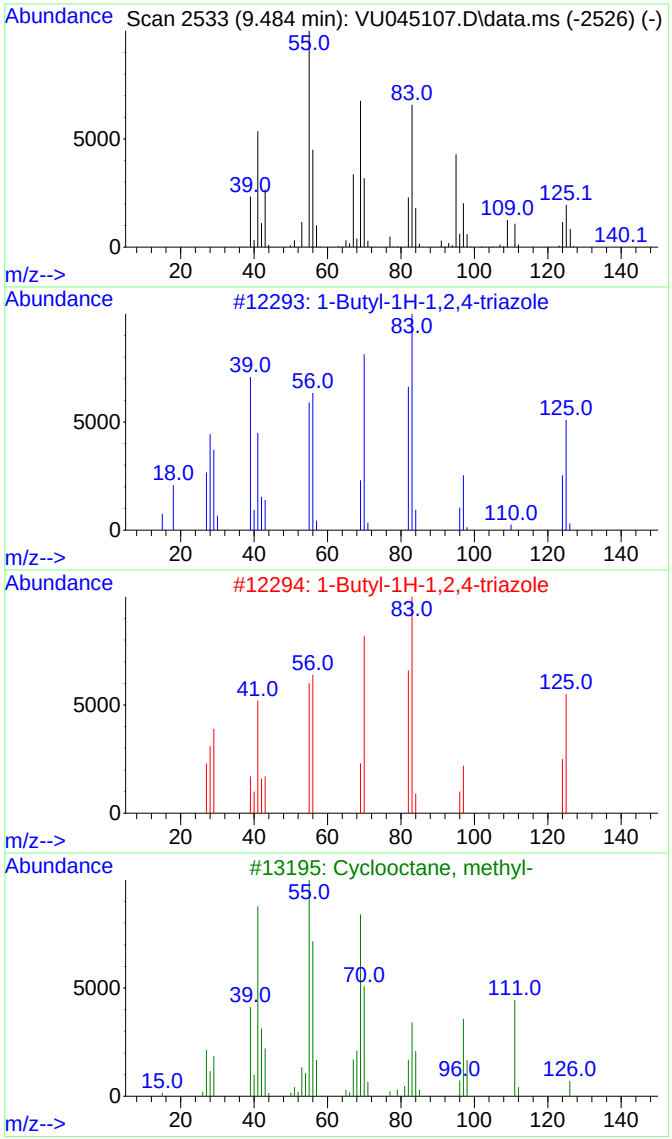
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

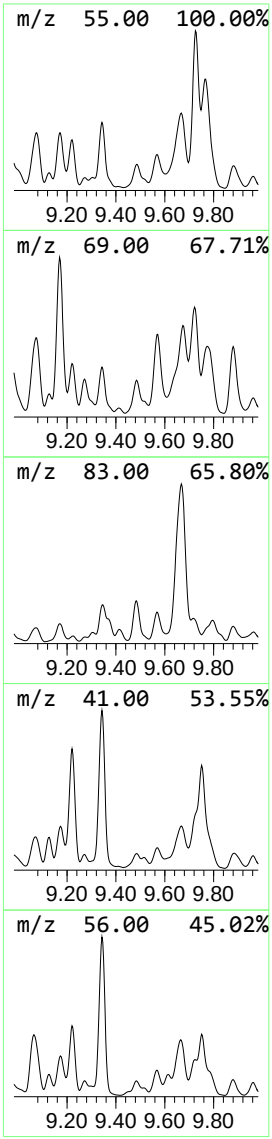
****

Peak Number 34 unknown-01 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.484	91.85 ug/L	1205990	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyl-1H-1,2,4-triazole	125	C6H11N3	006086-22-2	38
2	1-Butyl-1H-1,2,4-triazole	125	C6H11N3	006086-22-2	35
3	Cyclooctane, methyl-	126	C9H18	001502-38-1	30
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	25
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

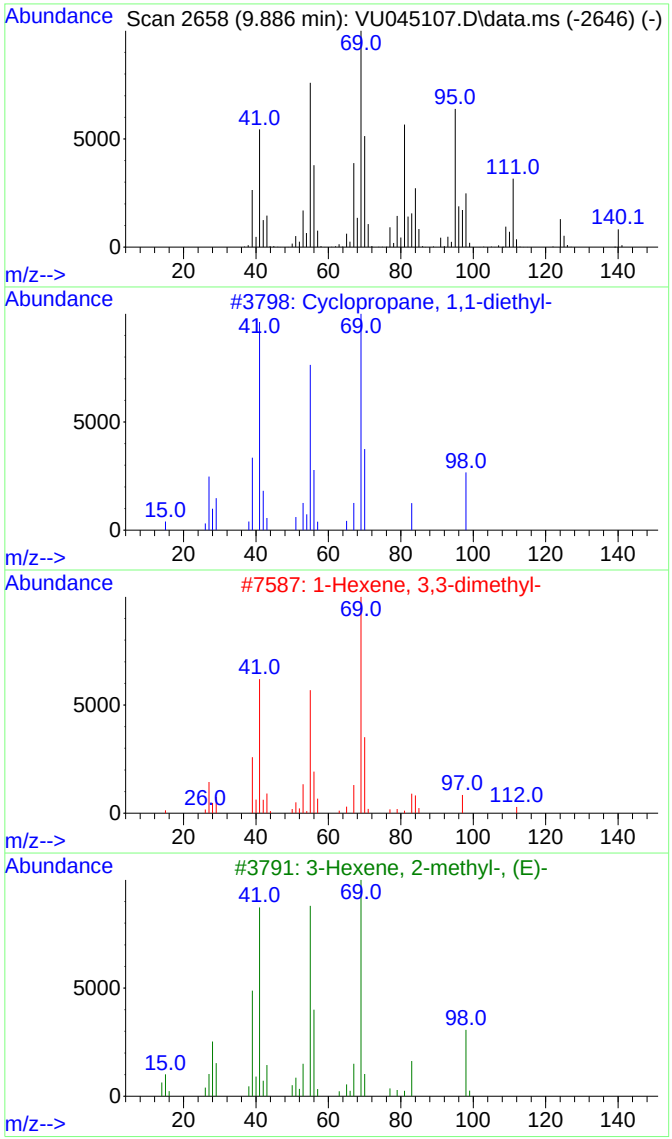
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

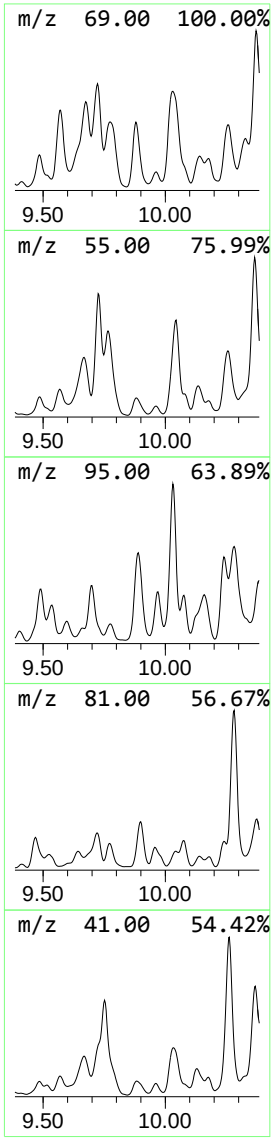
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Cyclic9.886 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.886	312.11 ug/L	4097990	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	45
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
3	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	38
4	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	30
5	1,3-Heptadiene, 5,5-dimethyl-	124	C9H16	024618-86-8	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

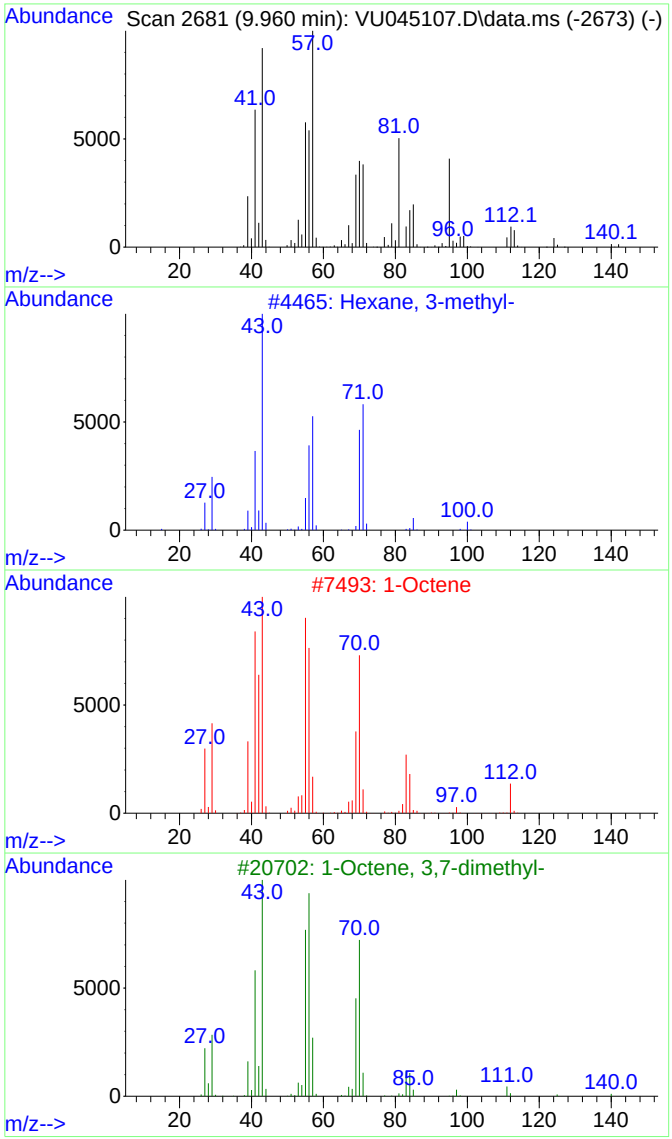
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

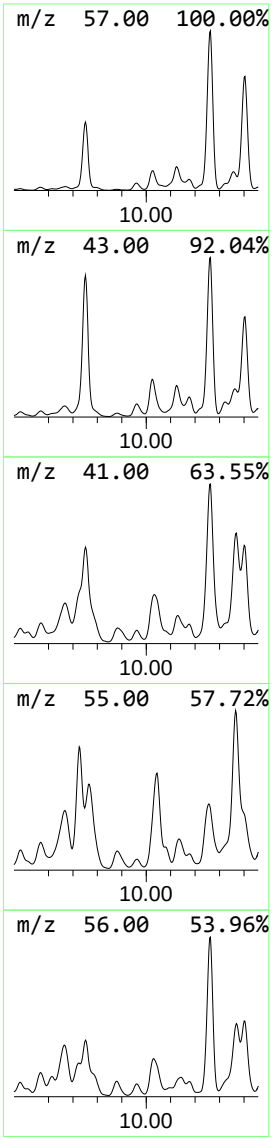
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.960	112.44 ug/L	1476290	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	43
2	1-Octene	112	C8H16	000111-66-0	43
3	1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	38
4	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	35
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

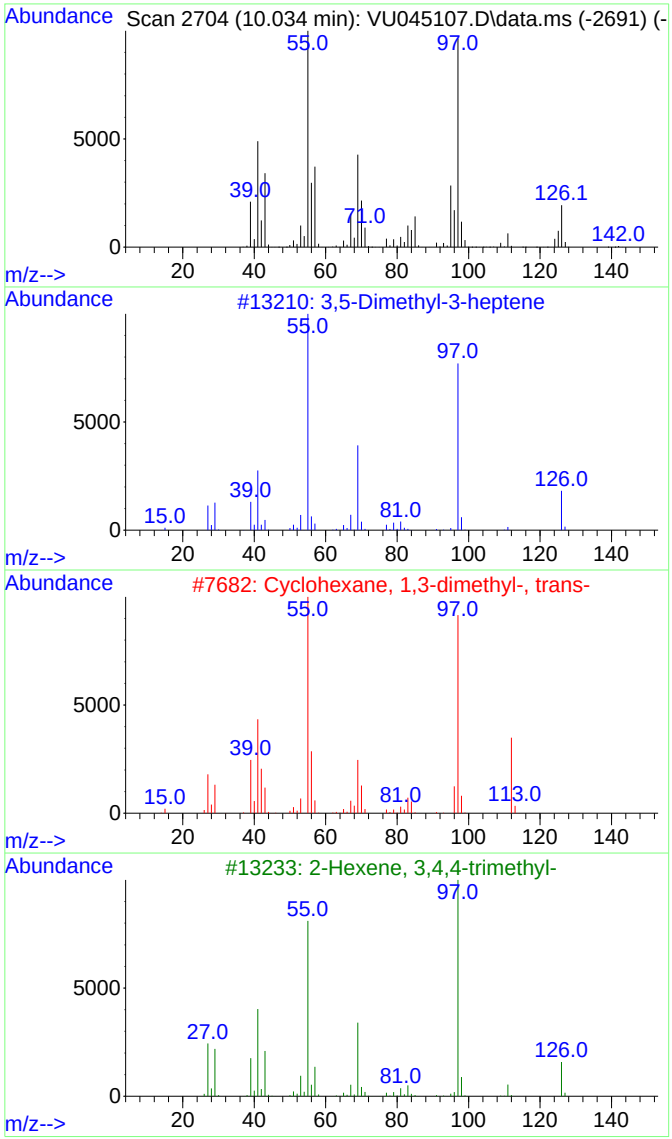
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

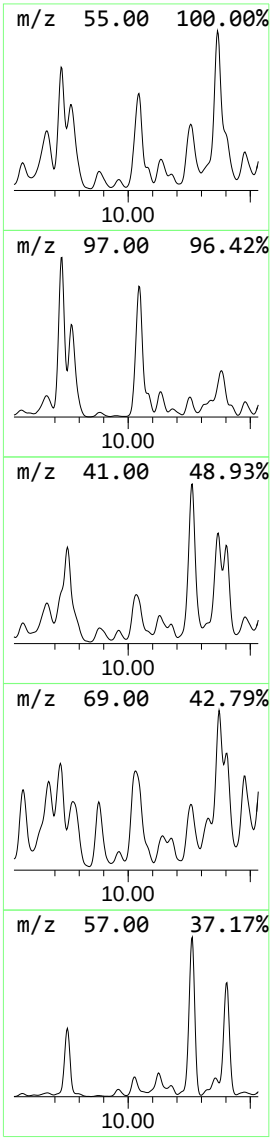
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.034	994.48 ug/L	13057700	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
3	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	58
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	58
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

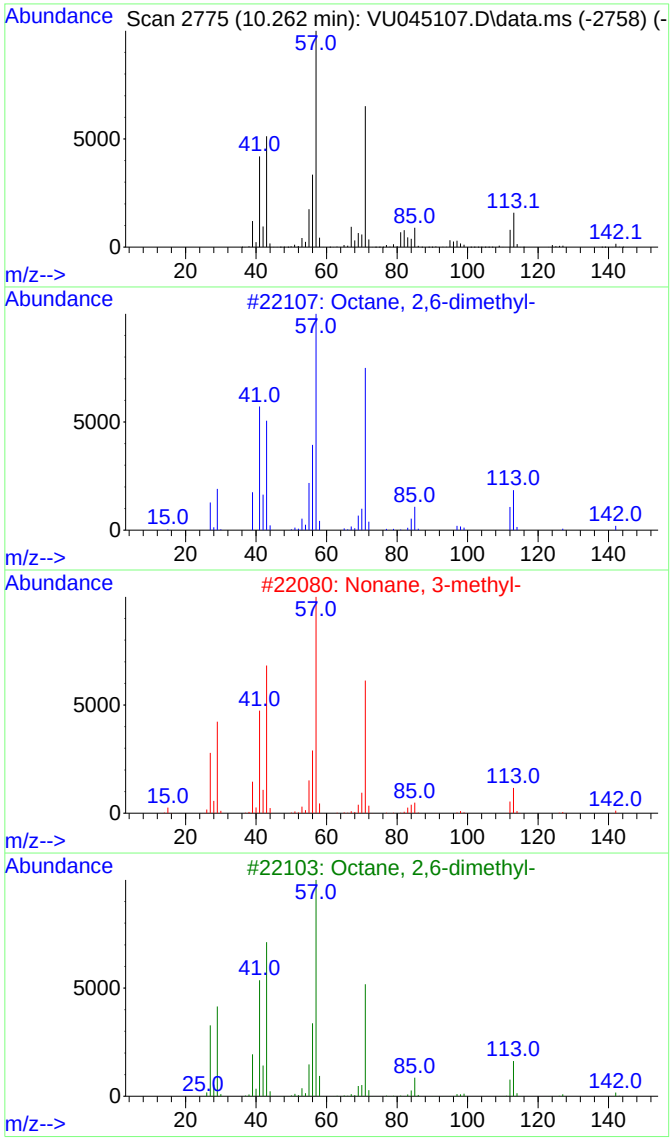
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

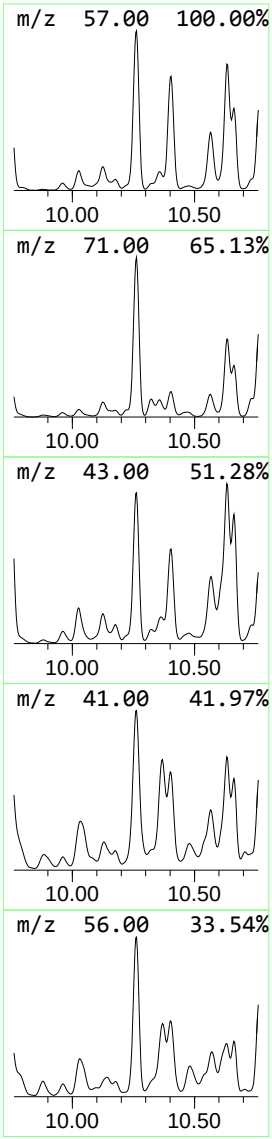
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.262	2131.88 ug/L	27992000	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

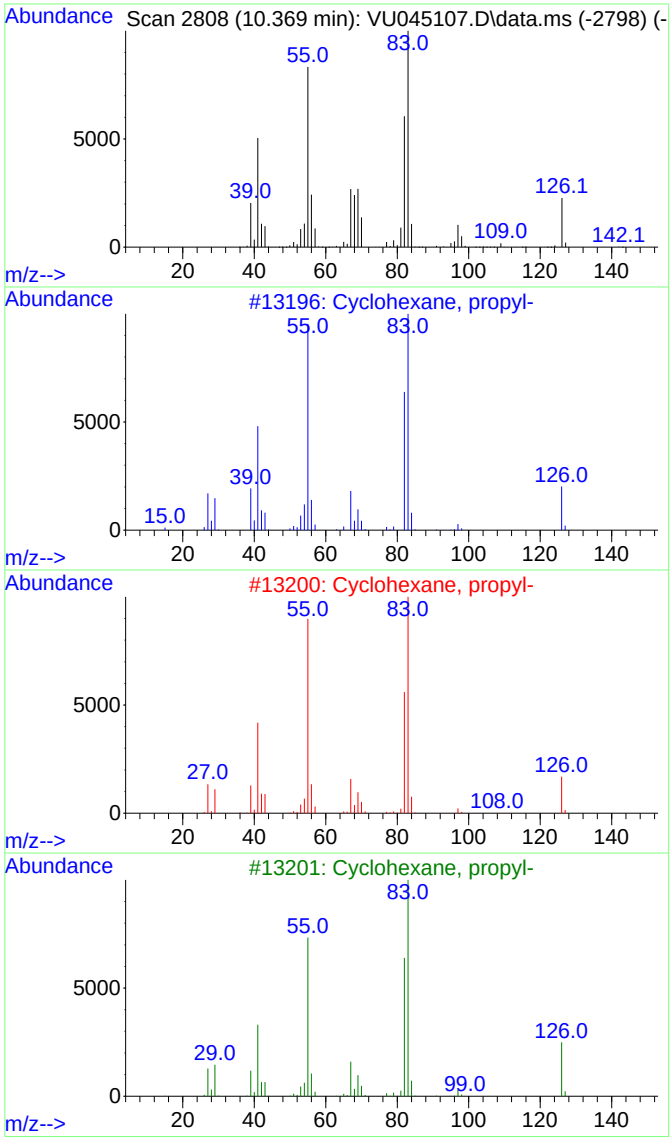
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

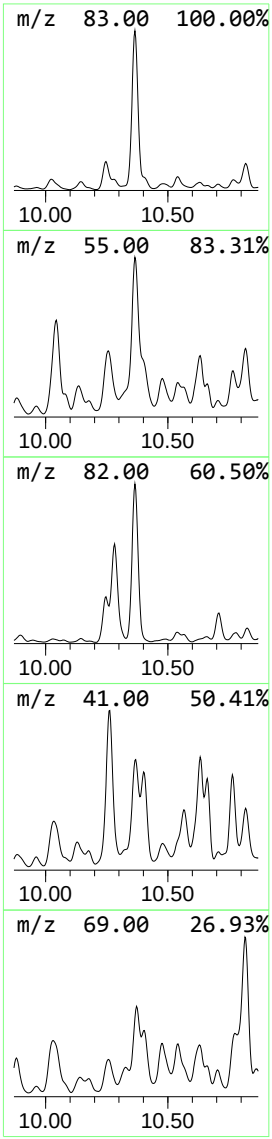
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Cyclic10.369 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.369	1049.16 ug/L	13775700	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	68
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

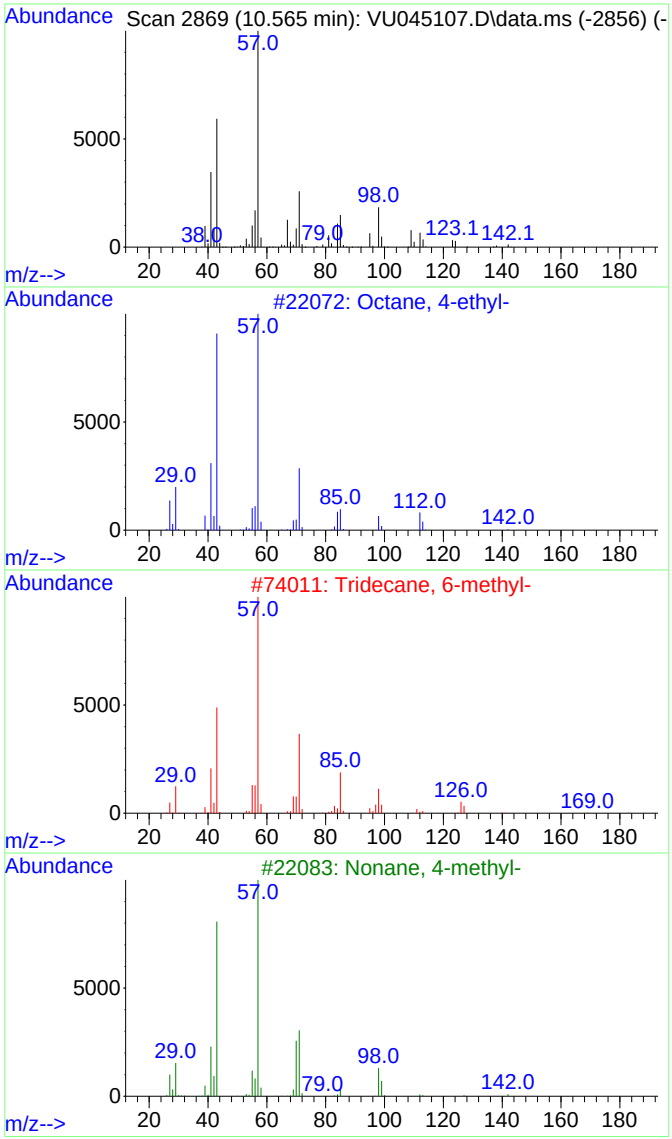
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

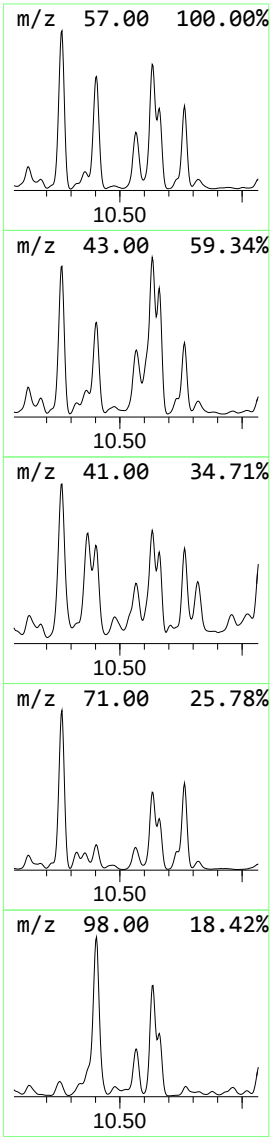
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.565	610.68 ug/L	8018340	Chlorobenzene-d5	9.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	64
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	49
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	47
5	Decane	142	C10H22	000124-18-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

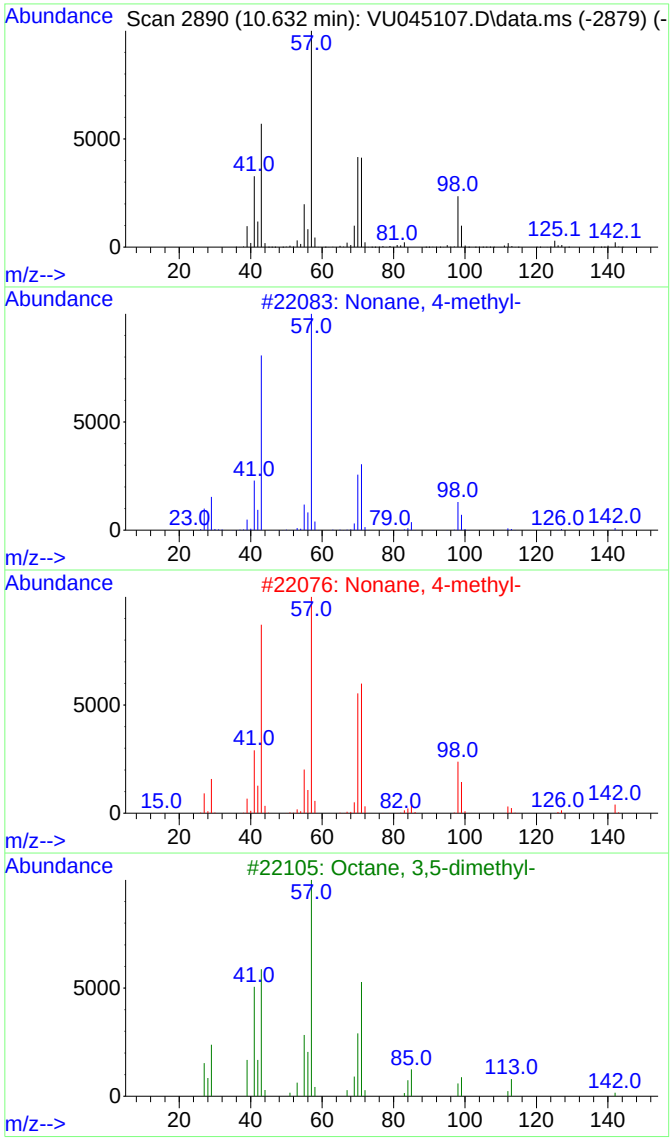
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

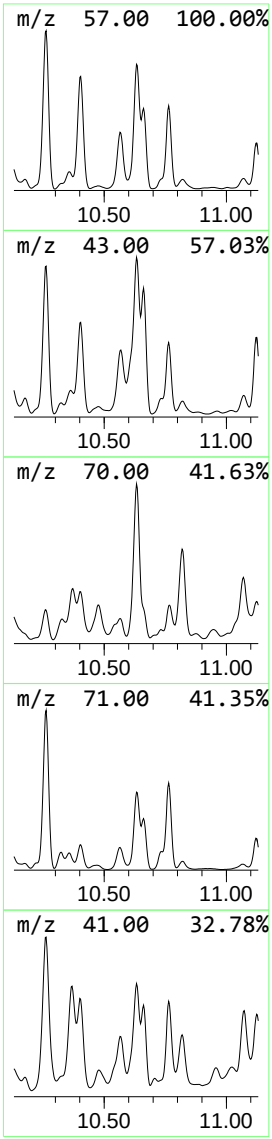
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.632	137.08 ug/L	14072900	1,4-Dichlorobenzene-d4	11.822

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

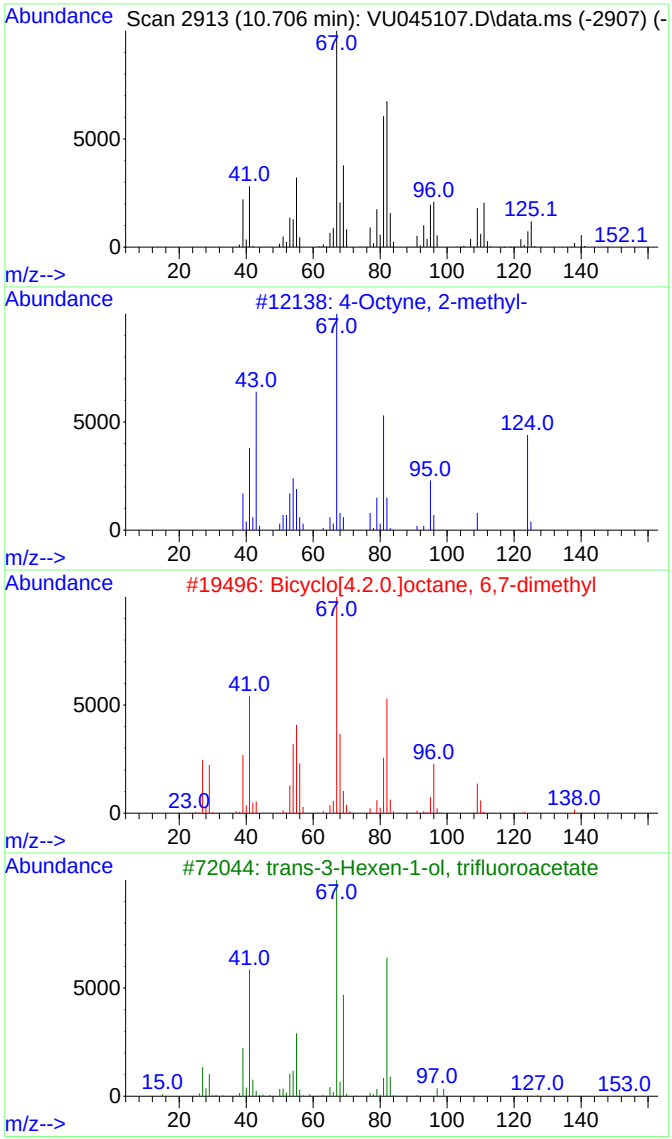
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

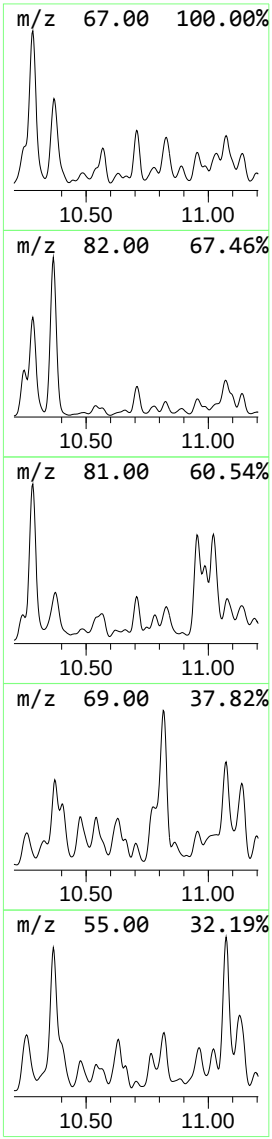
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 unknown-02 Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.706	17.06 ug/L	1751020	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	46
2	Bicyclo[4.2.0.]octane, 6,7-dimethyl	138	C10H18	1000063-19-2	46
3	trans-3-Hexen-1-ol, trifluoroace...	196	C8H11F3O2	1000352-31-0	43
4	Cyclopentane, ethylidene-	96	C7H12	002146-37-4	43
5	trans-3-Hexen-1-ol, chlorodifluo...	212	C8H11ClF2O2	1000447-24-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

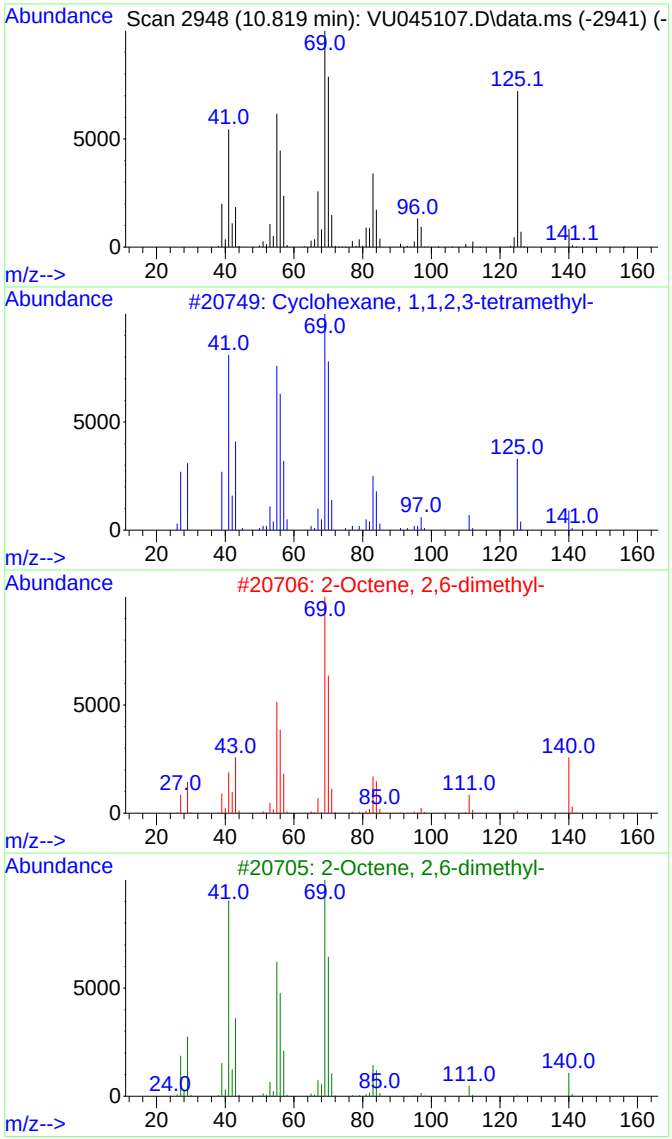
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

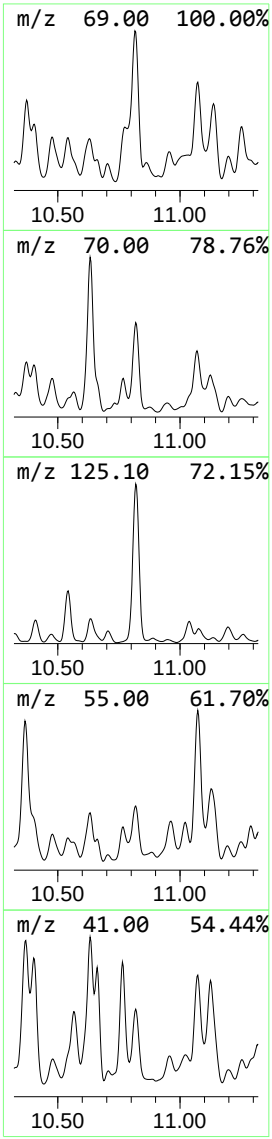
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Cyclic10.819 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.819	86.51 ug/L	8881530	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	74
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

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

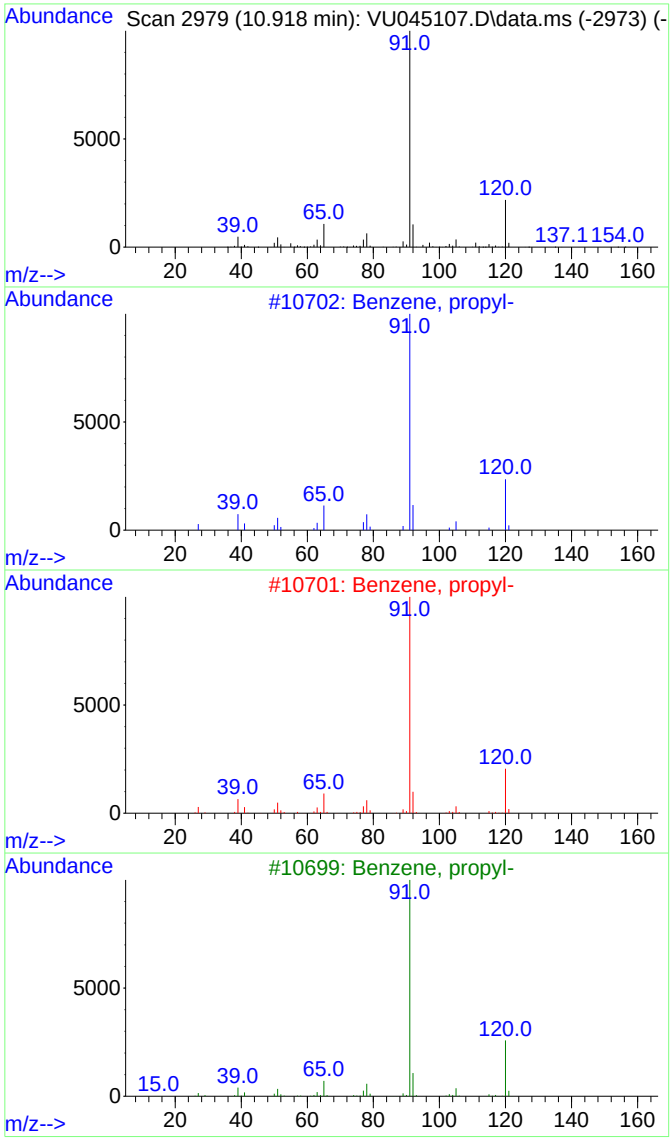
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

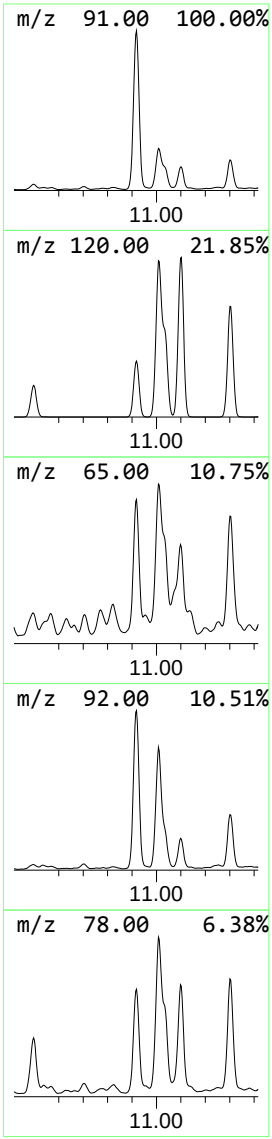
****

Peak Number 44 Benzene, propyl- Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.918	17.63 ug/L	1810360	1,4-Dichlorobenzene-d4	11.822

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	87
3	Benzene, propyl-	120	C9H12	000103-65-1	72
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

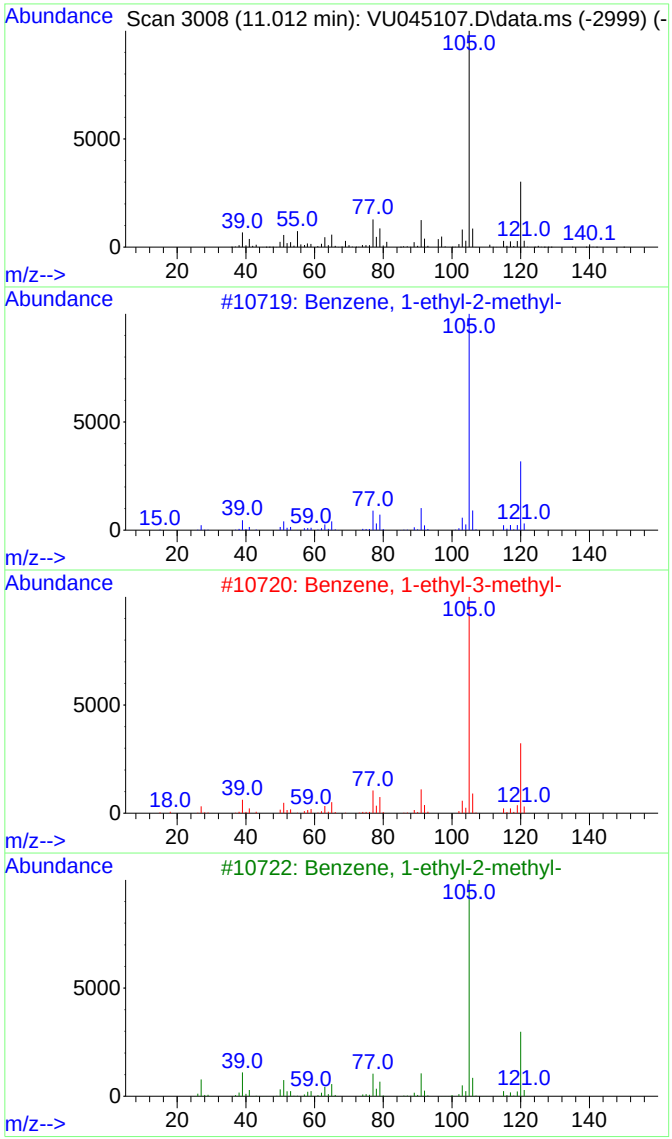
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

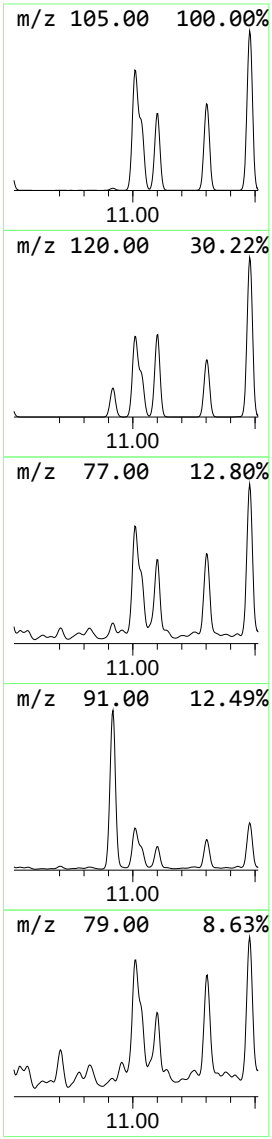
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1-ethyl-2-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.012	118.29 ug/L	12143800	1,4-Dichlorobenzene-d4	11.822

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-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Mesitylene	120	C9H12	000108-67-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

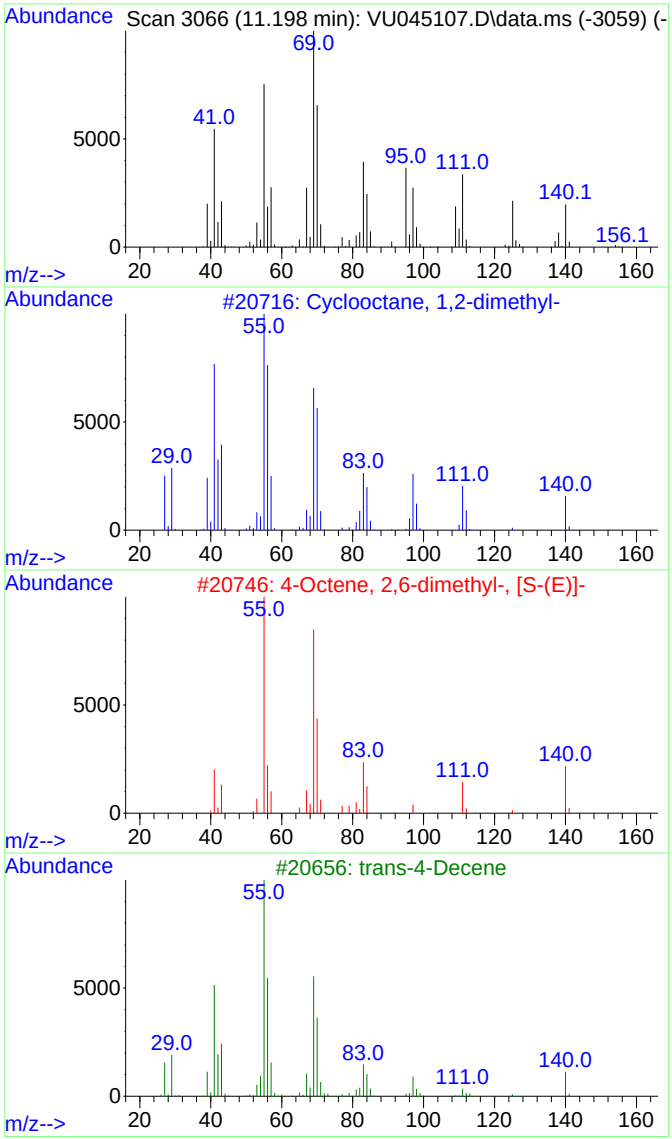
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

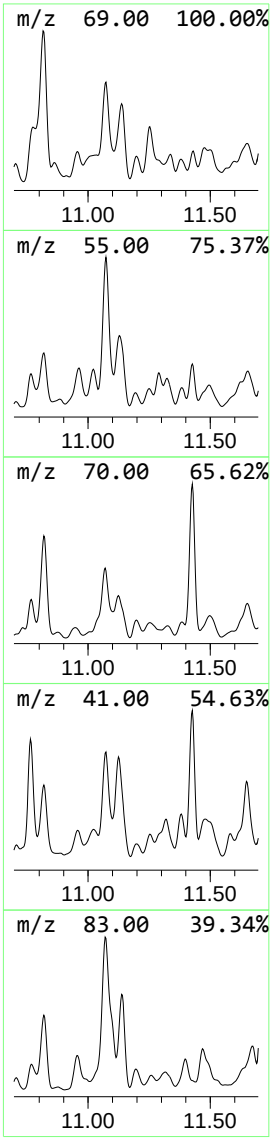
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Cyclic11.198 Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	16.68 ug/L	1712370	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	74
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	64
3	trans-4-Decene	140	C10H20	019398-89-1	52
4	Cyclooctane, methyl-	126	C9H18	001502-38-1	52
5	3-Ethyl-3-octene	140	C10H20	019781-31-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

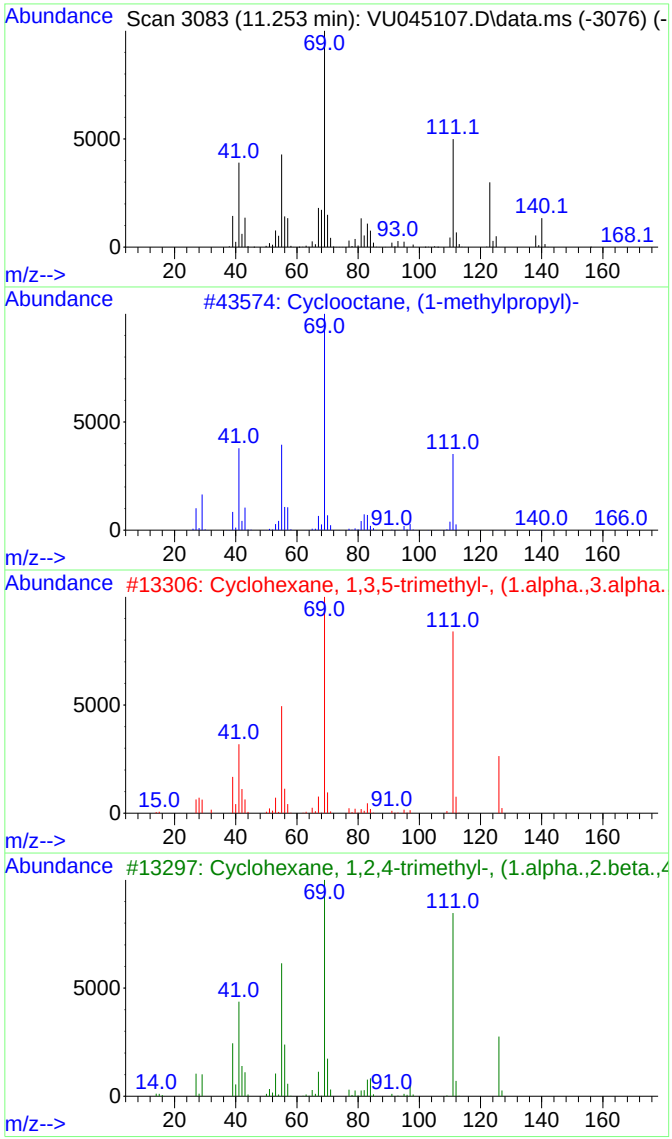
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

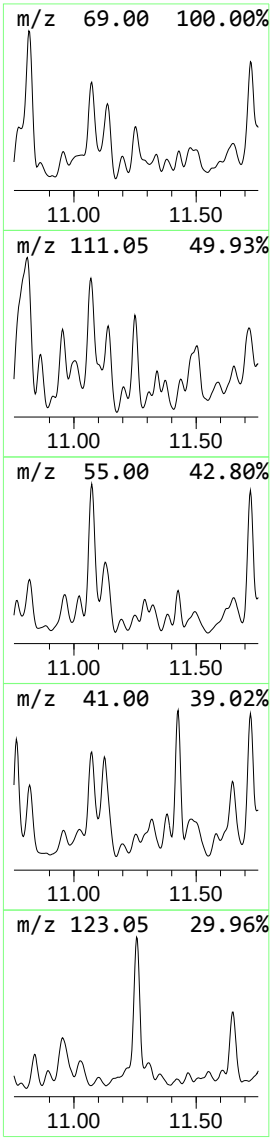
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Cyclic11.253 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.253	22.65 ug/L	2325690	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	59
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	53
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	53
4	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	53
5	6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

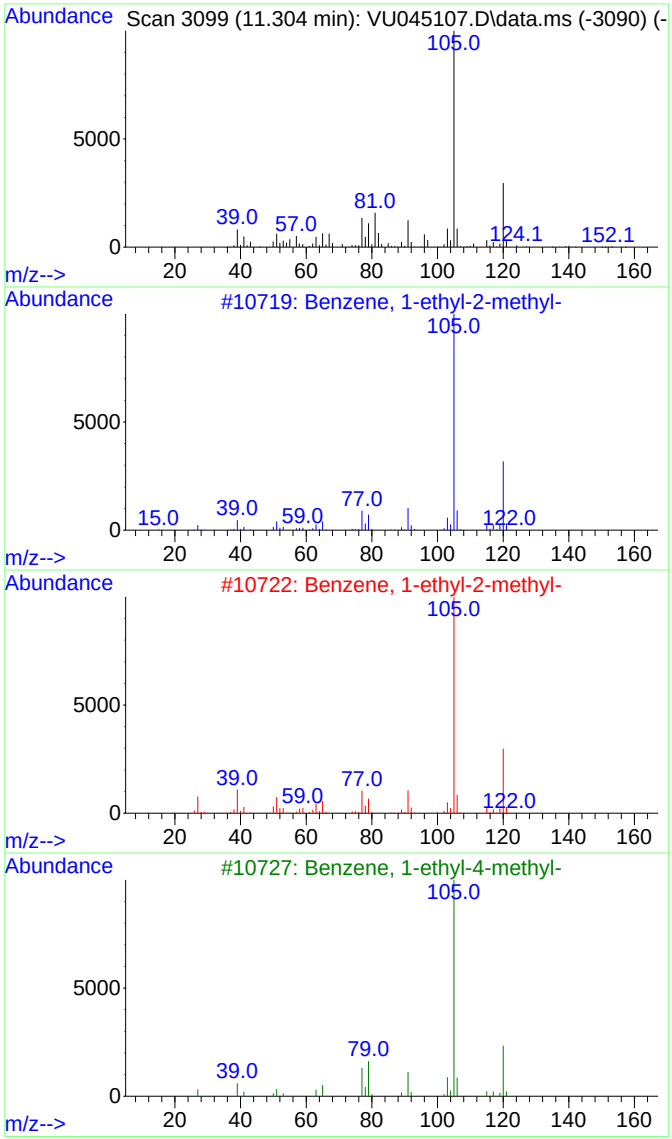
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

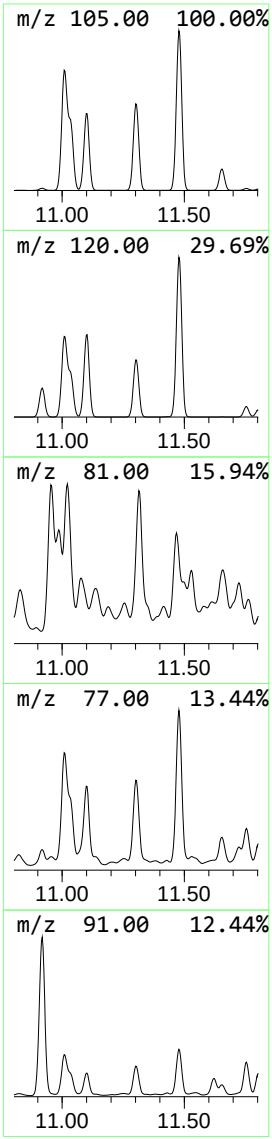
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, 1-ethyl-4-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	114.81 ug/L	11786200	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

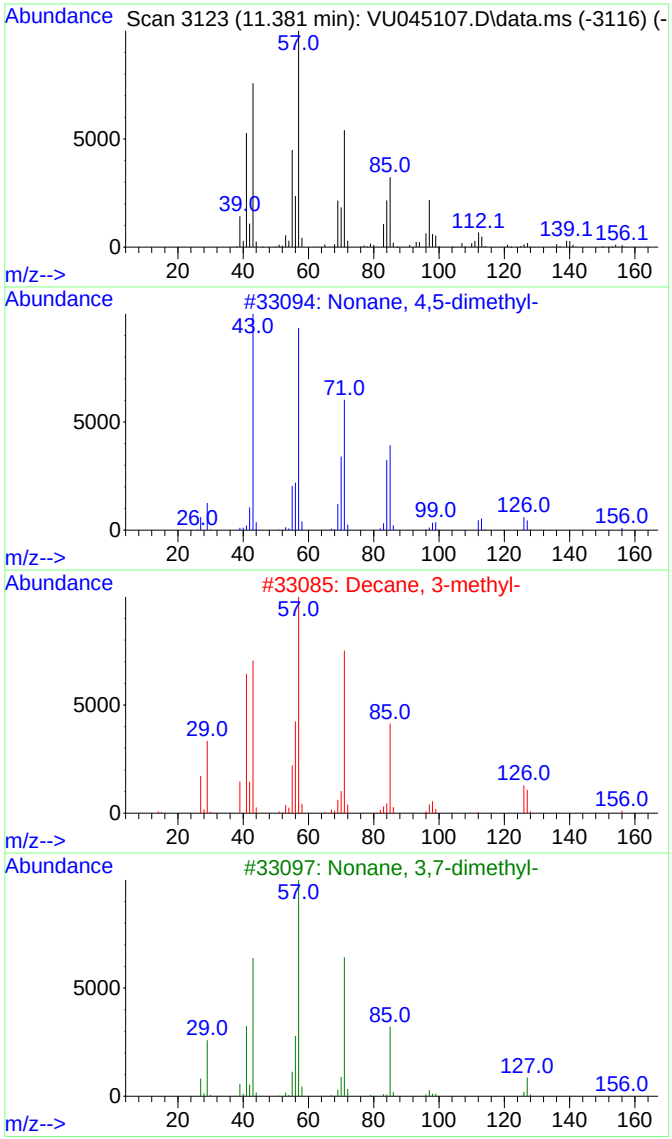
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

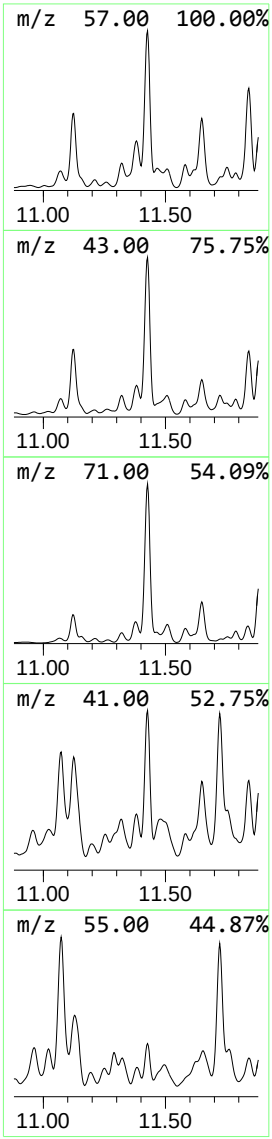
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.381	30.47 ug/L	3127990	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	62
2	Decane, 3-methyl-	156	C11H24	013151-34-3	52
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52
4	Pentadecane	212	C15H32	000629-62-9	50
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

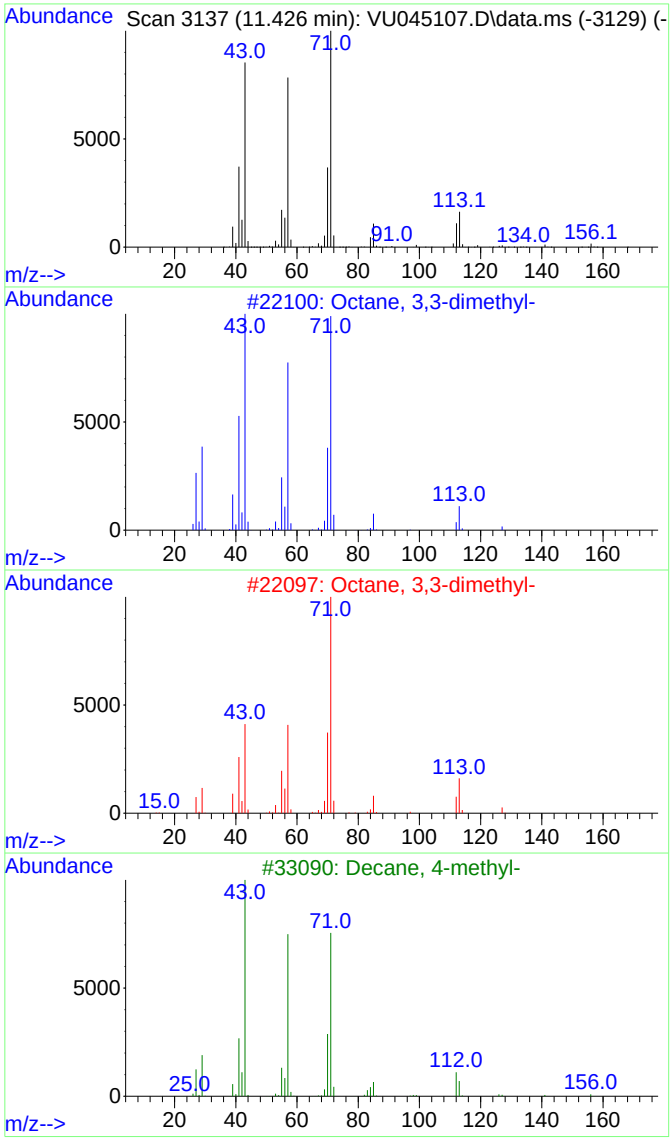
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

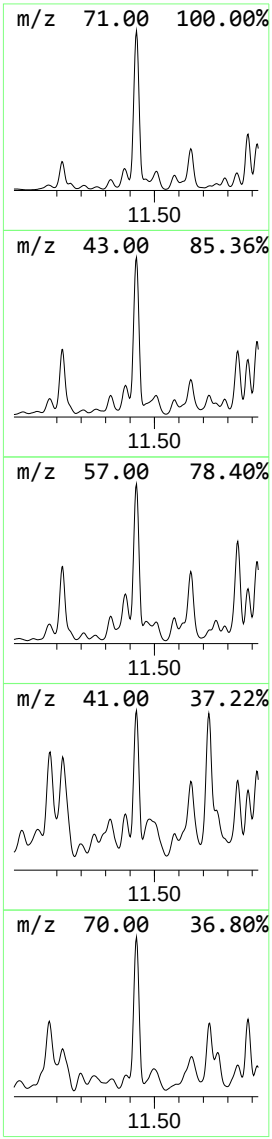
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.426	131.15 ug/L	13464100	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
2	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
3	Decane, 4-methyl-	156	C11H24	002847-72-5	70
4	Decane, 4-methyl-	156	C11H24	002847-72-5	70
5	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

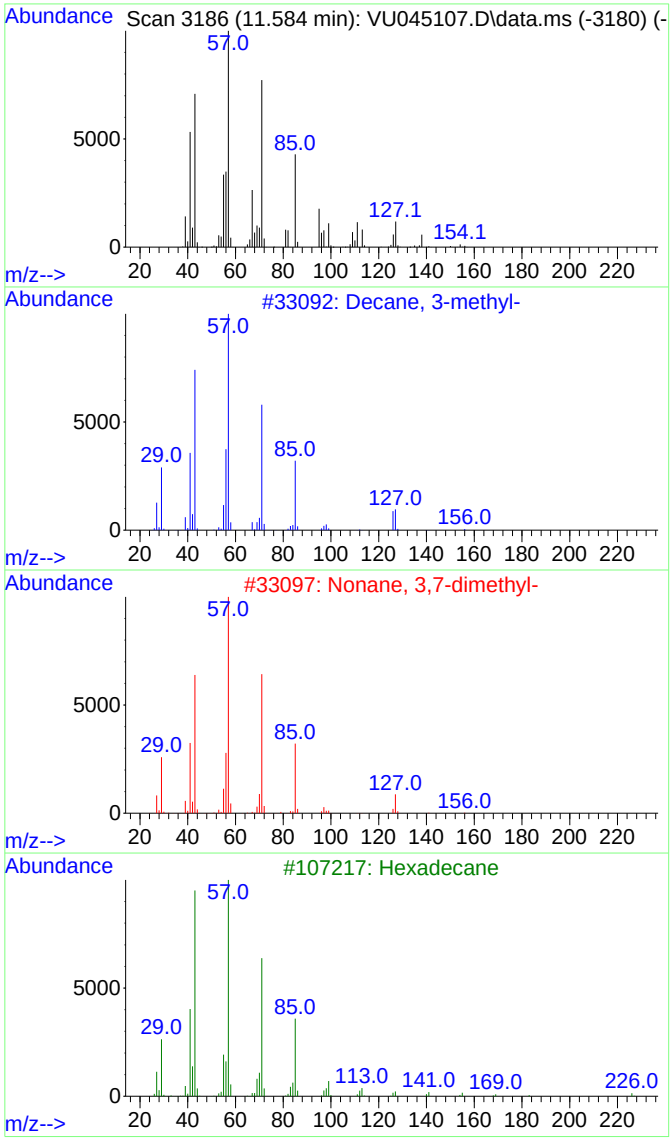
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

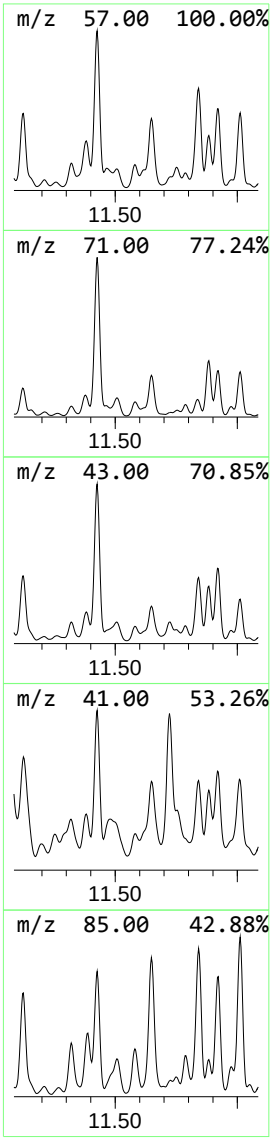
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 80

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.584	12.89 ug/L	1323530	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	76
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62
3	Hexadecane	226	C16H34	000544-76-3	53
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	52
5	2-Ethylbutyric acid, 4-methylpen...	200	C12H24O2	1000370-50-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

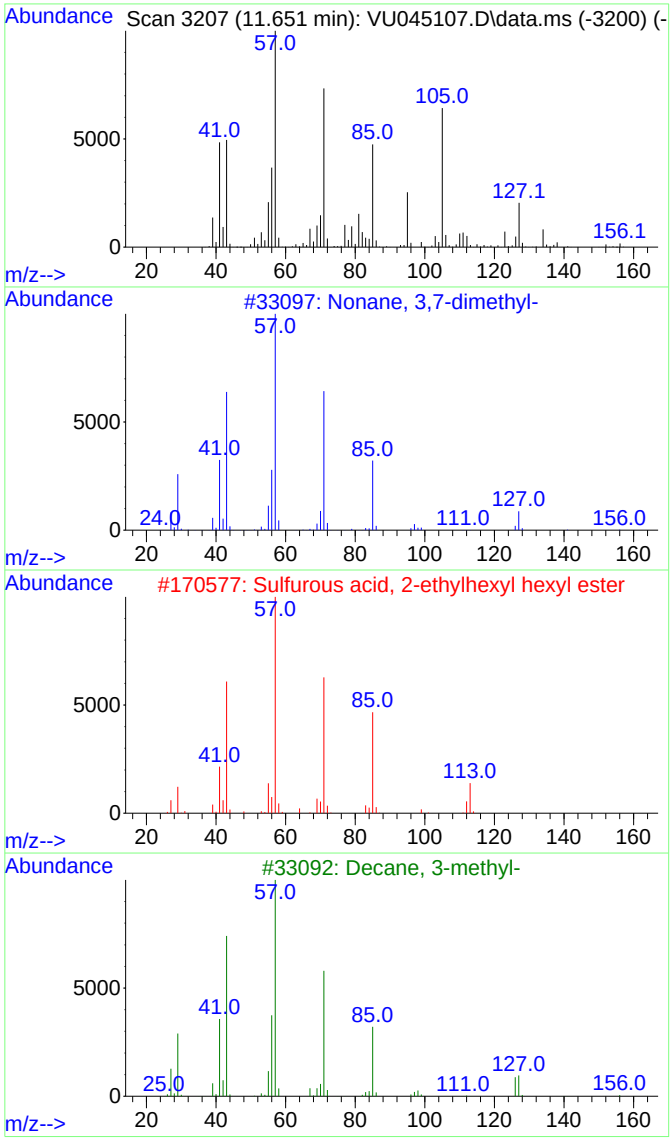
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

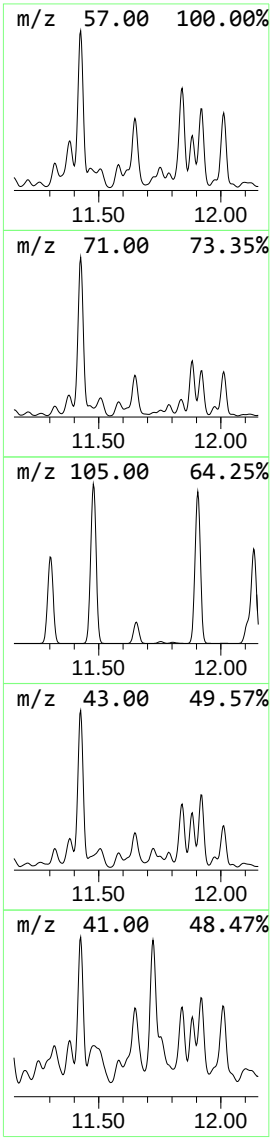
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.652	82.16 ug/L	8435150	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	52
3	Decane, 3-methyl-	156	C11H24	013151-34-3	50
4	Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1010309-15-8	43
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

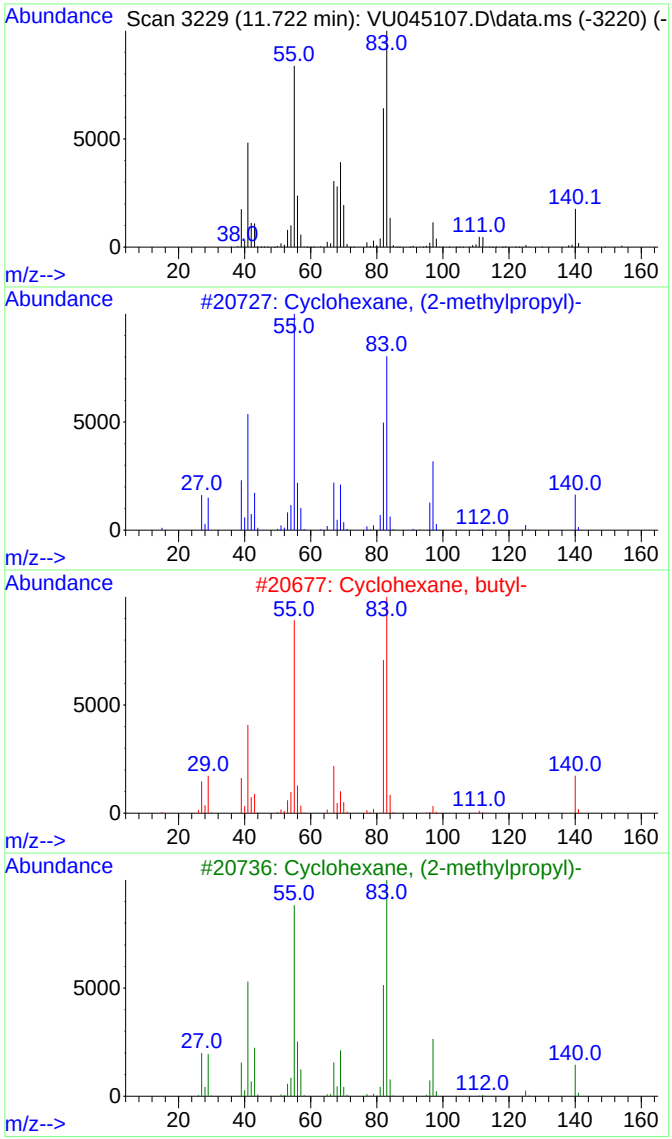
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

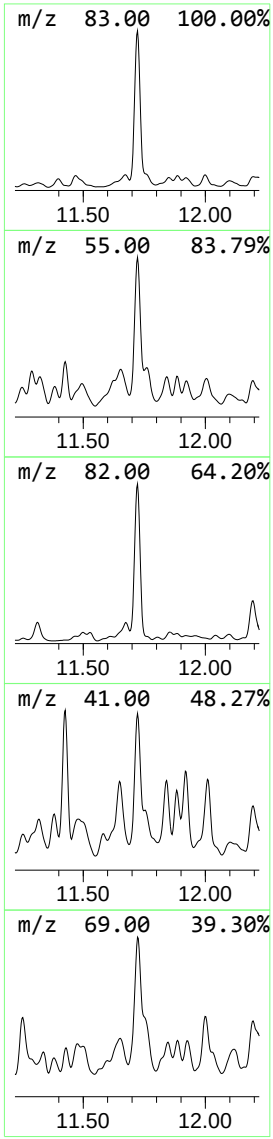
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Cyclic11.722 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	140.90 ug/L	14465300	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	68
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

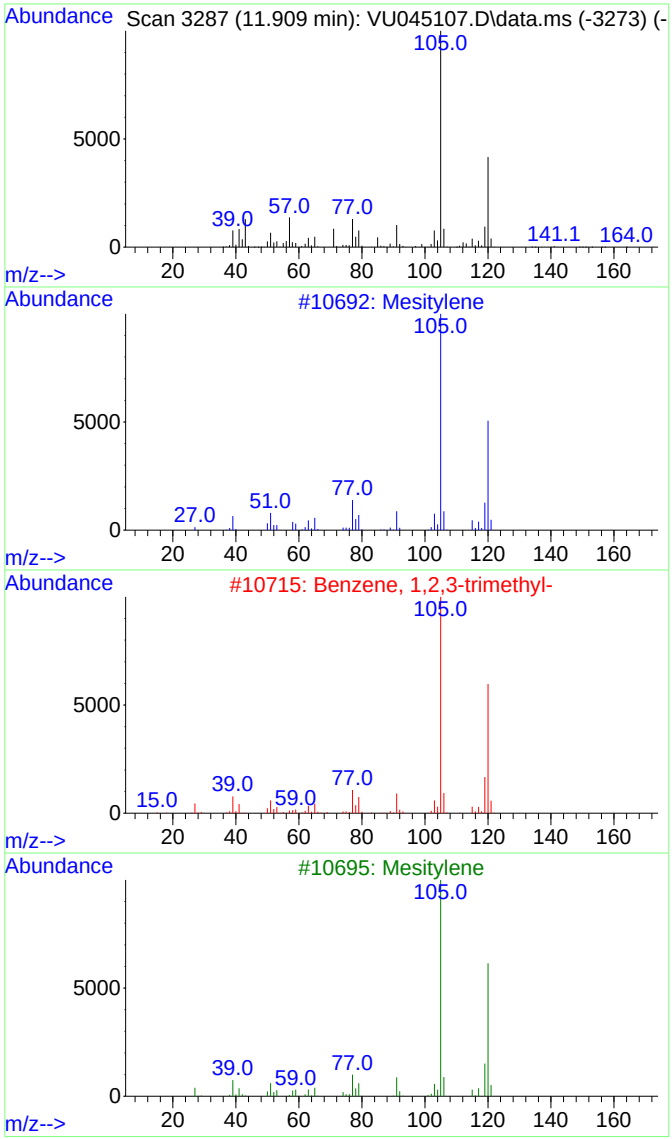
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

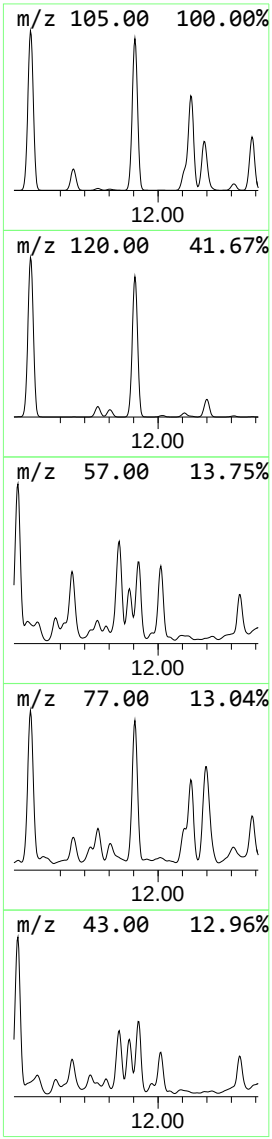
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Benzene, 1,2,3-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.909	200.52 ug/L	20585700	1,4-Dichlorobenzene-d4	11.822

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	Mesitylene	120	C9H12	000108-67-8	93
4	Mesitylene	120	C9H12	000108-67-8	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

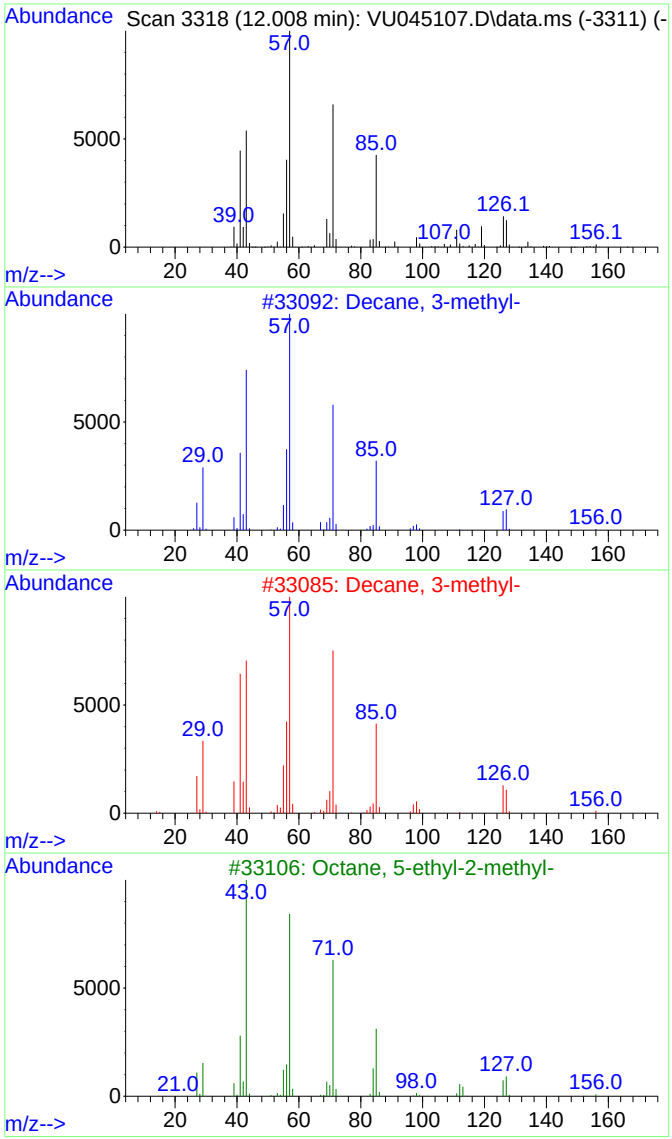
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

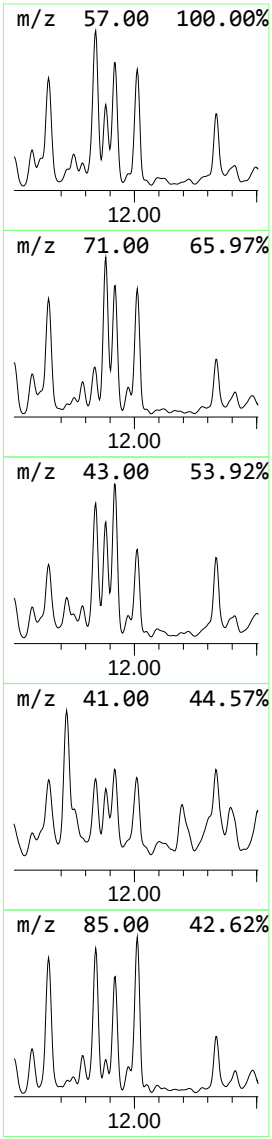
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.008	87.68 ug/L	9001070	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	78
2	Decane, 3-methyl-	156	C11H24	013151-34-3	64
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	59
4	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	47
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

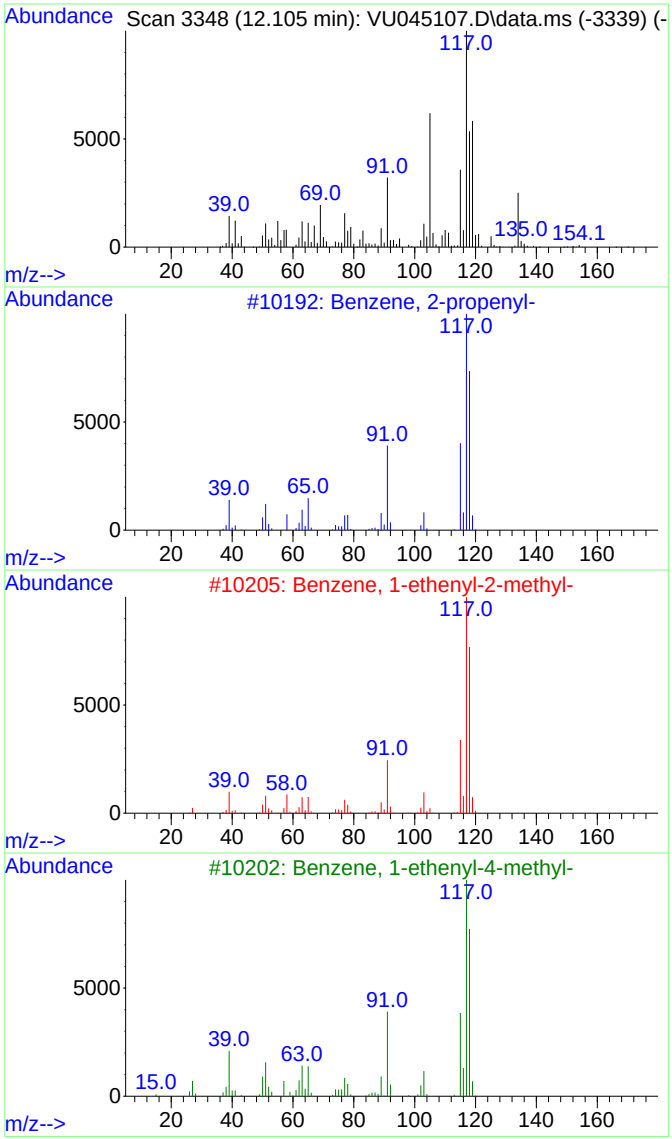
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

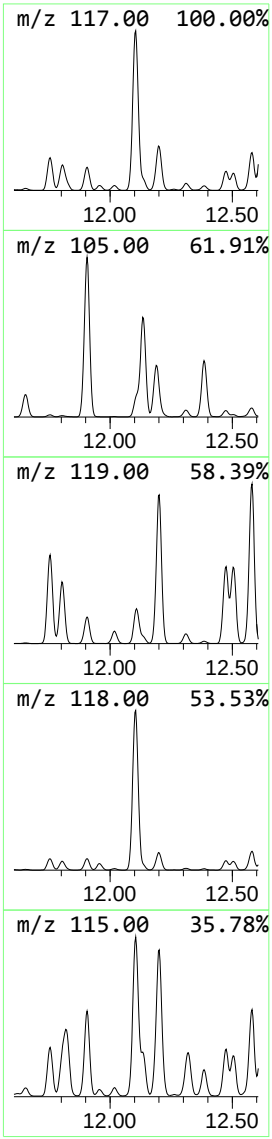
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Benzene, 2-propenyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.105	51.76 ug/L	5313870	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	92
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	Deltacyclene	118	C9H10	007785-10-6	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

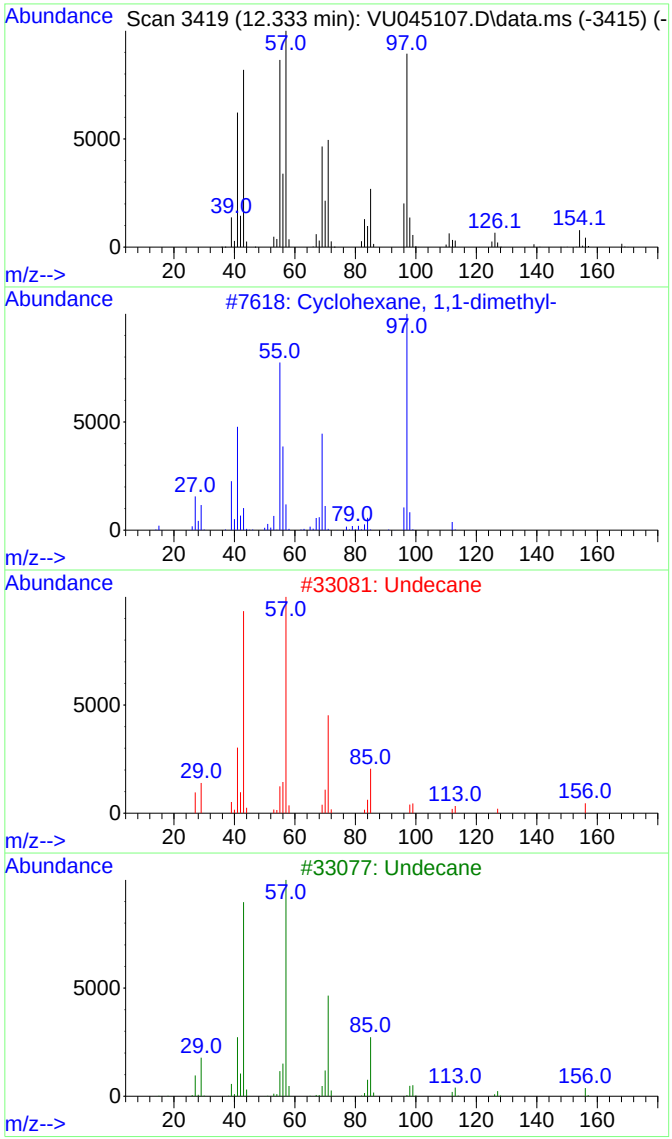
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

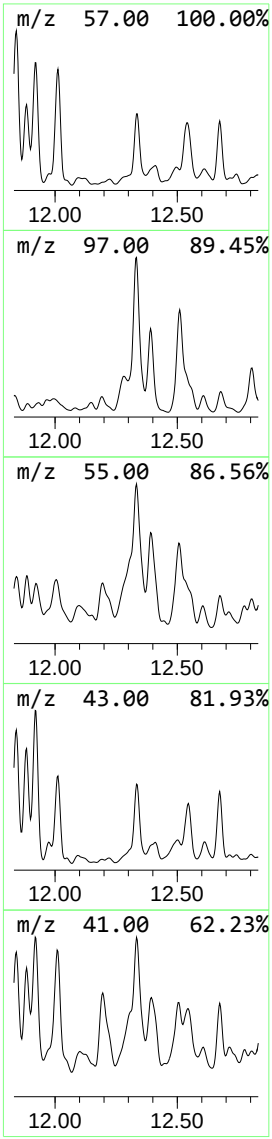
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Cyclic12.333 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	54.25 ug/L	5569590	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
2	Undecane	156	C11H24	001120-21-4	46
3	Undecane	156	C11H24	001120-21-4	46
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	46
5	Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

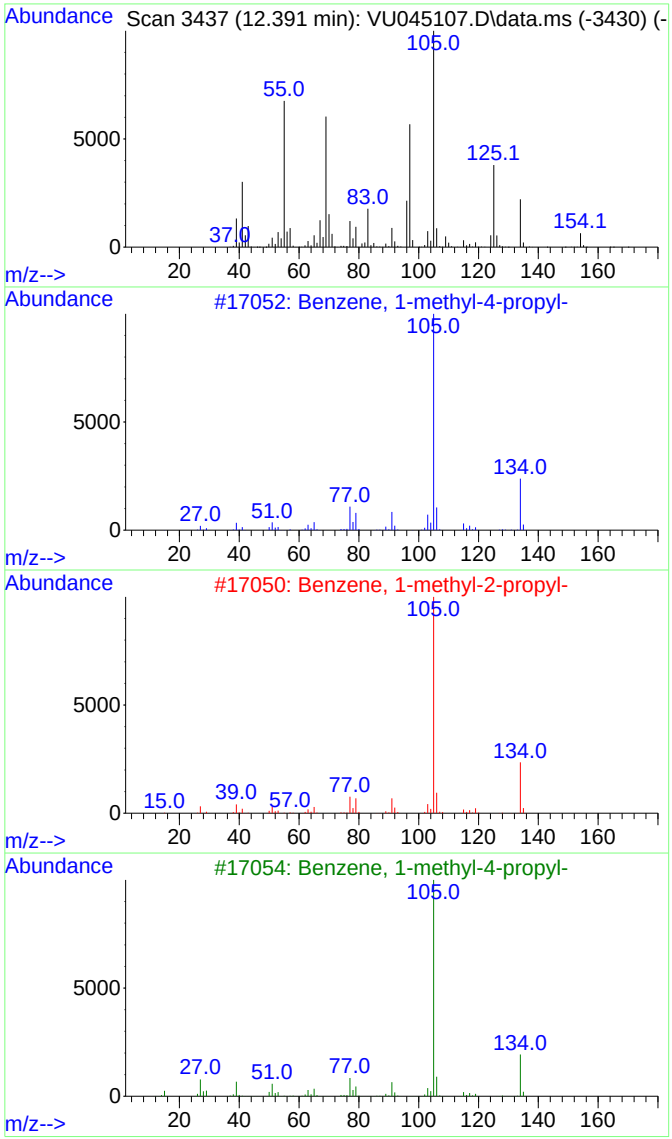
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

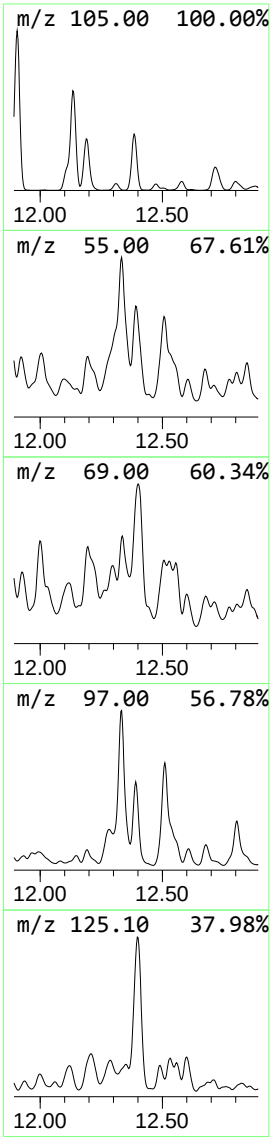
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Benzene, 1-methyl-4-propyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.391	96.24 ug/L	9880380	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	35
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

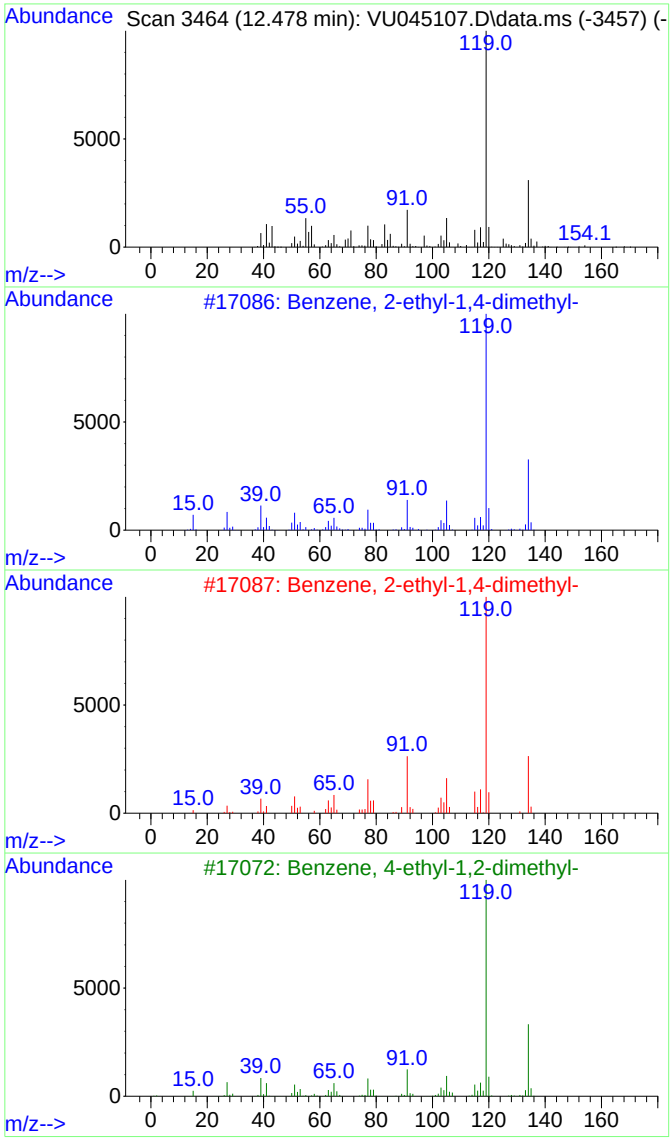
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

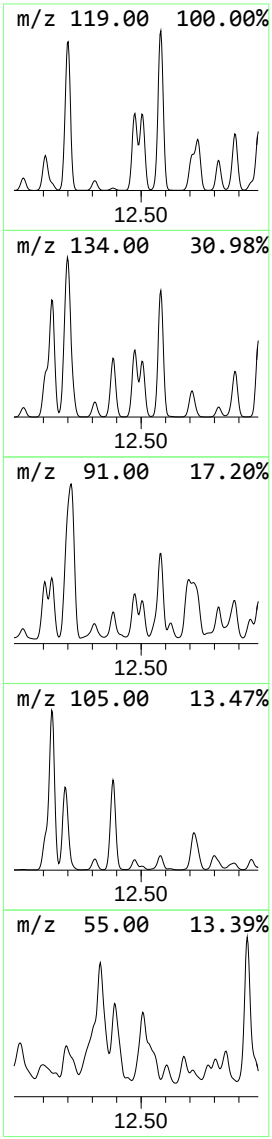
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.478	21.54 ug/L	2210820	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
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	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\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

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

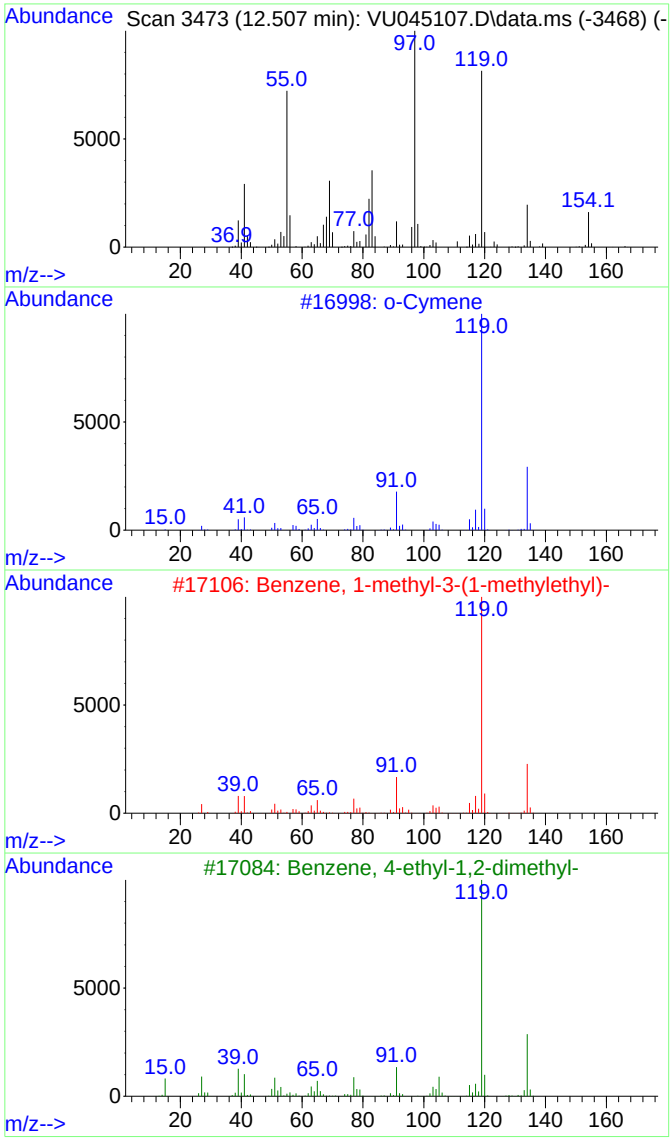
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

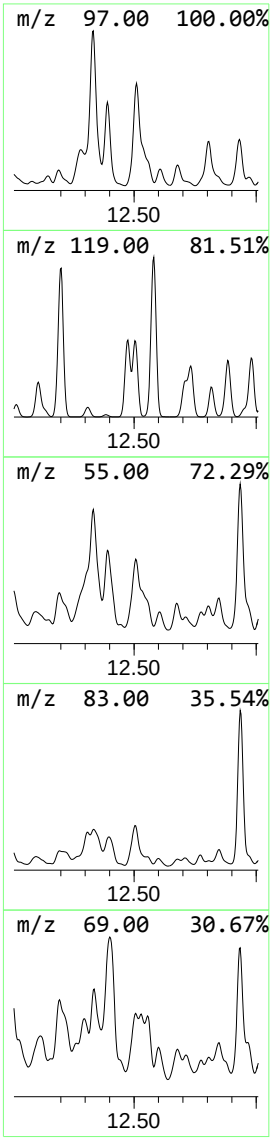
****

Peak Number 60 o-Cymene Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.507	31.39 ug/L	3222850	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	83
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	42
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	42
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	42
5	p-Cymene	134	C10H14	000099-87-6	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

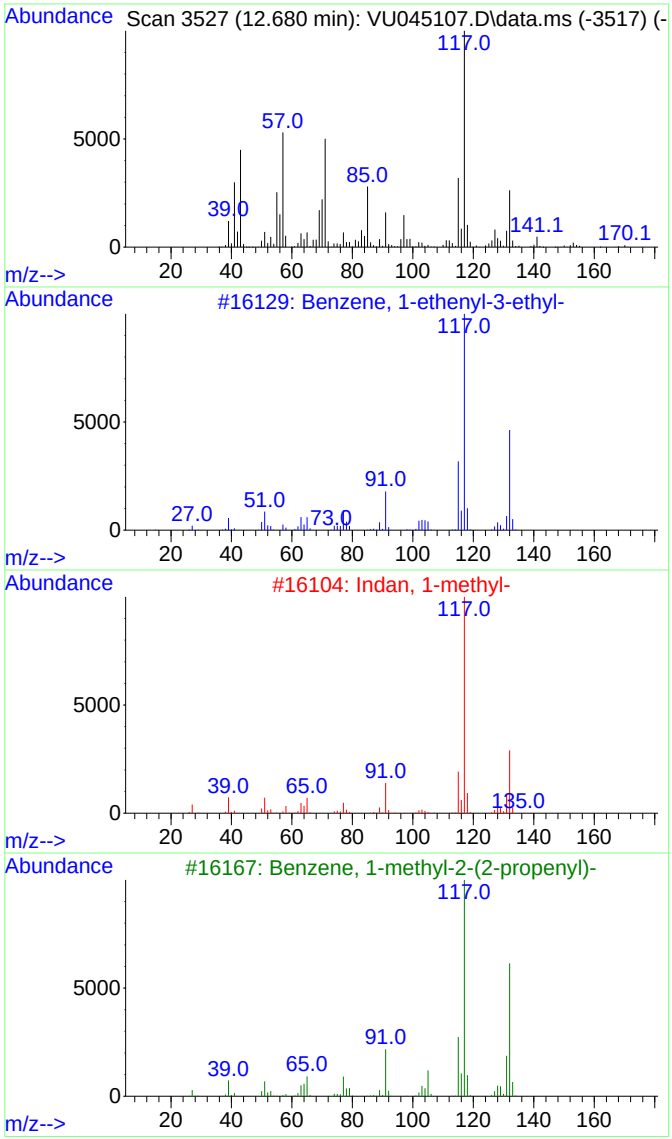
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

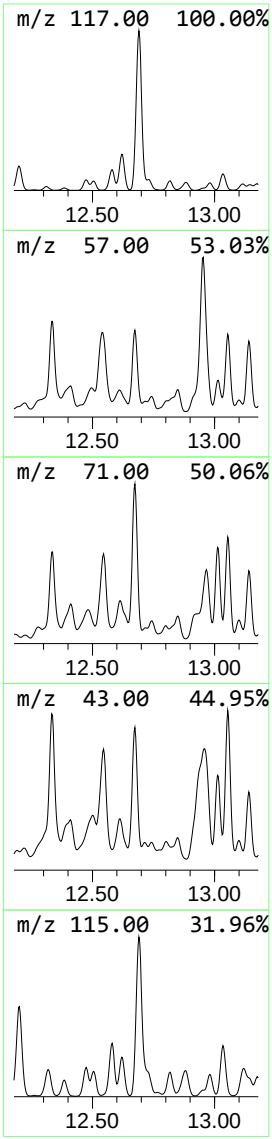
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	88.72 ug/L	9107800	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
2	Indan, 1-methyl-	132	C10H12	000767-58-8	55
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
4	Indan, 1-methyl-	132	C10H12	000767-58-8	50
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	49





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Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

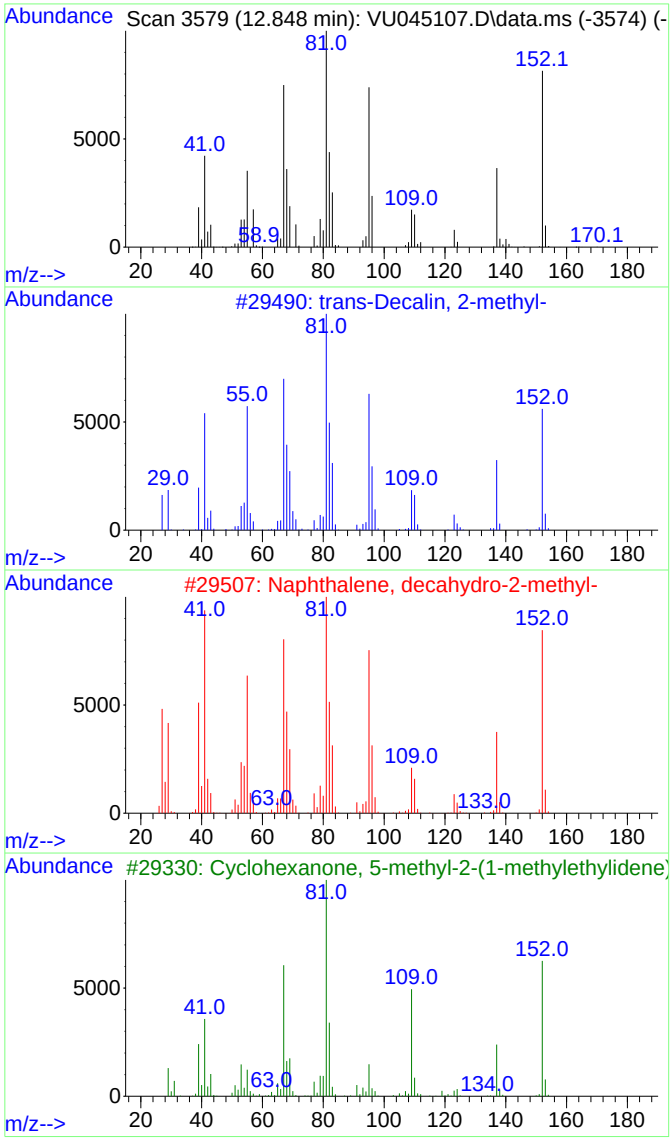
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

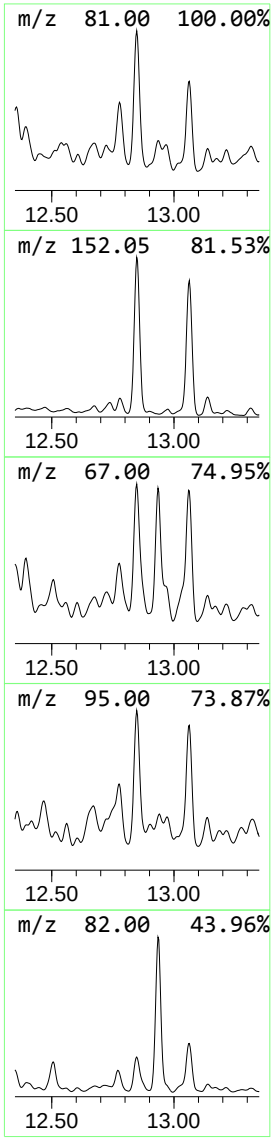
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 trans-Decalin, 2-methyl- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.848	23.98 ug/L	2461490	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	97
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68
5	Pulegone	152	C10H16O	000089-82-7	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

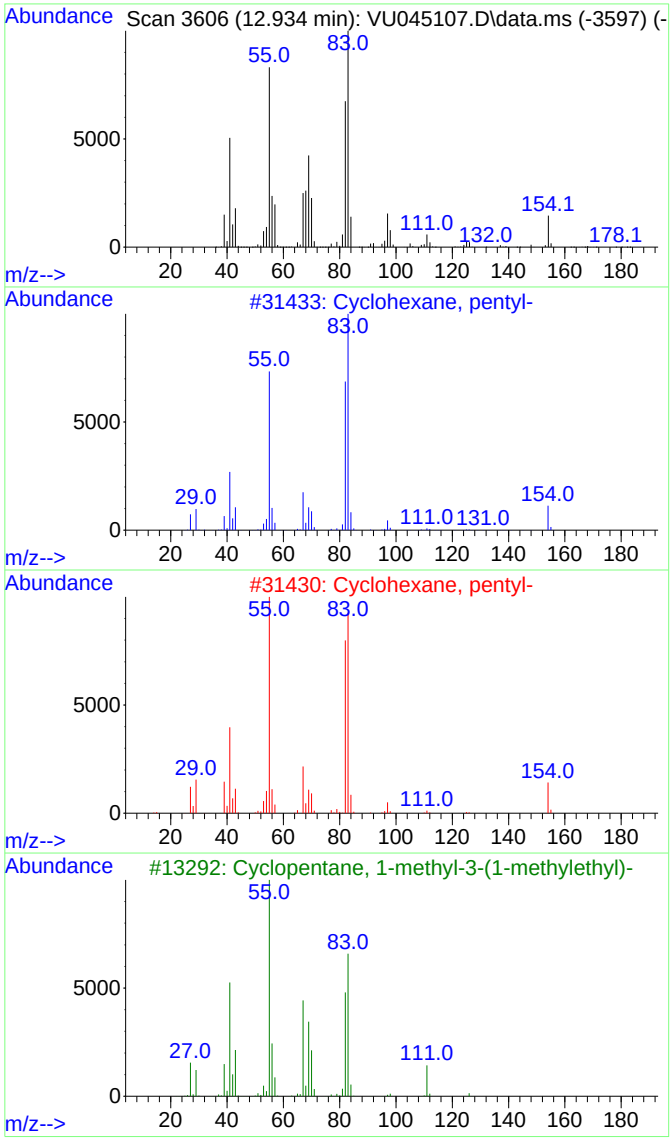
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

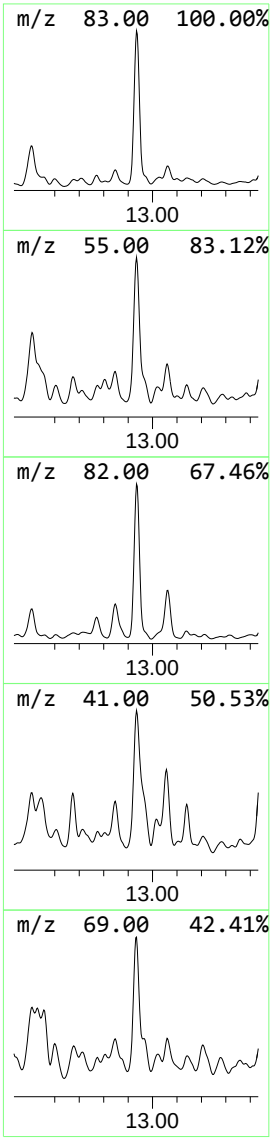
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Cyclic12.934 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	159.53 ug/L	16378000	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
3	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	68
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

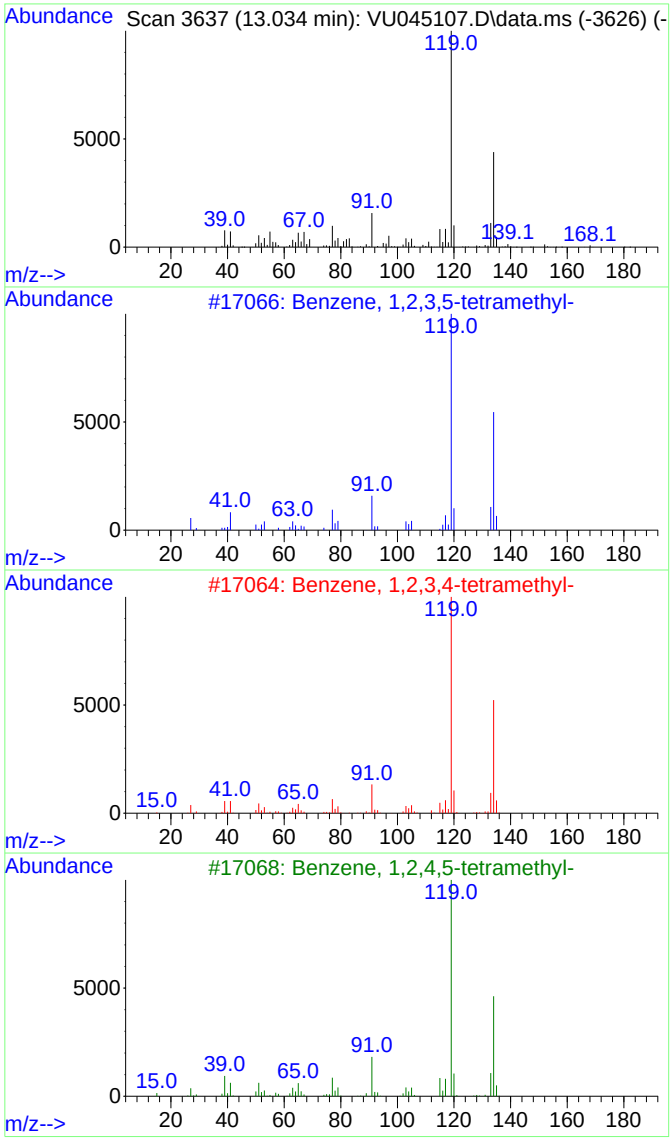
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

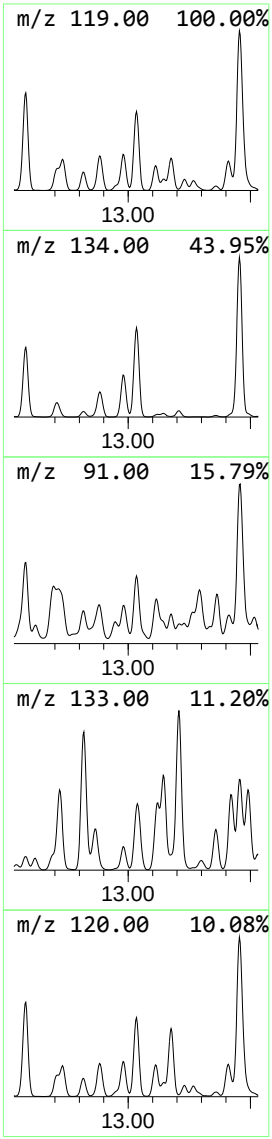
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.034	49.36 ug/L	5067600	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

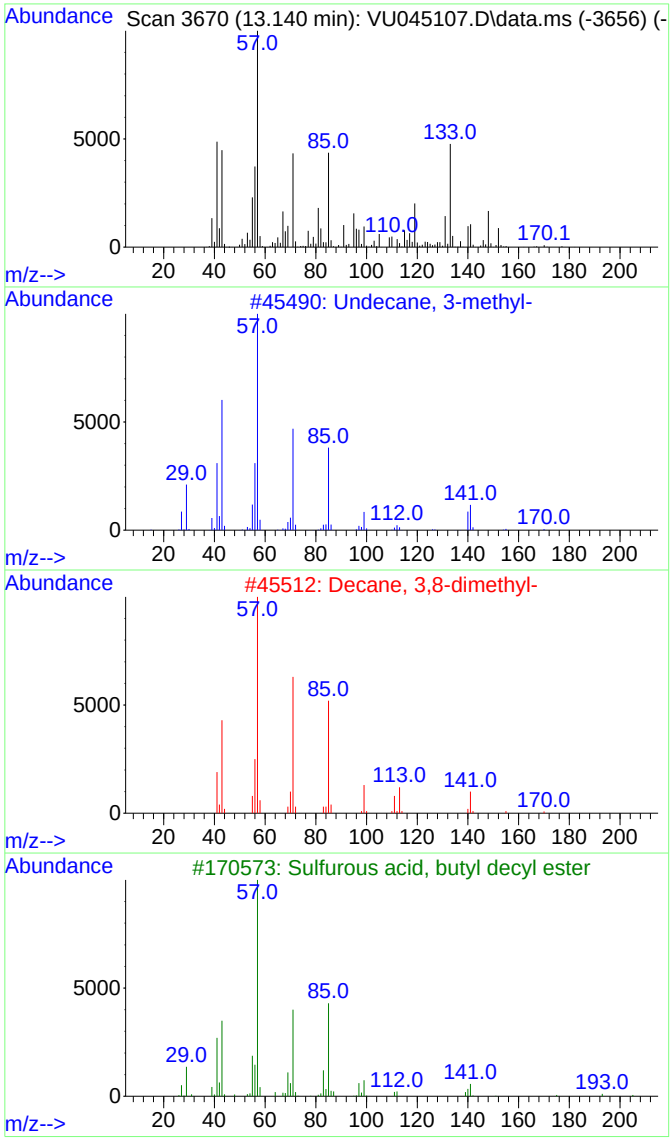
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

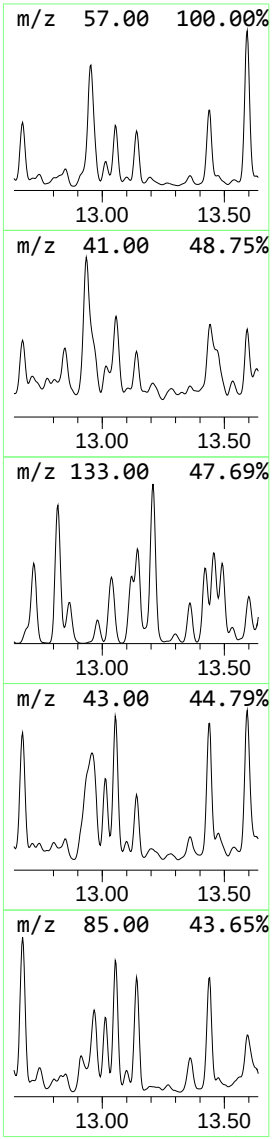
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.140	49.16 ug/L	5046520	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	87
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	38
4	5-Ethyldecane	170	C12H26	017302-36-2	35
5	1-Iodoundecane	282	C11H23I	004282-44-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

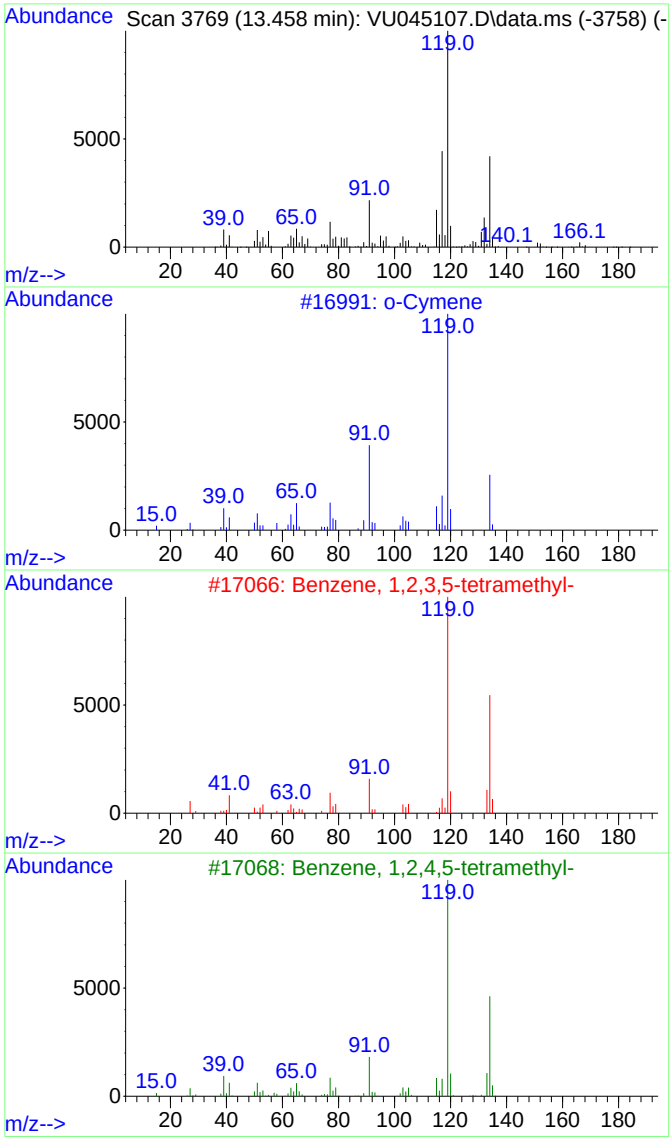
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

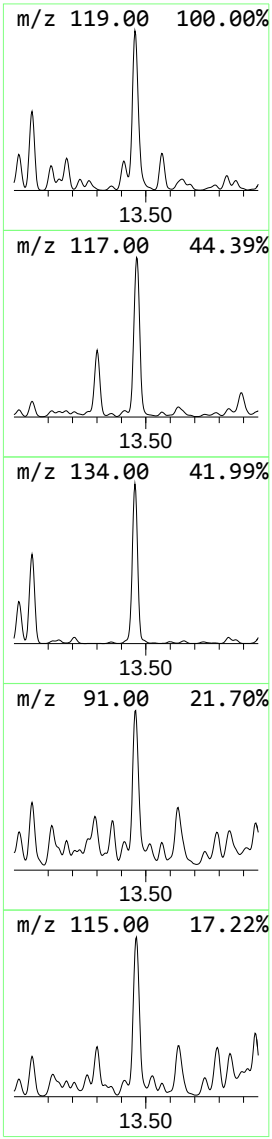
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.459	200.90 ug/L	20624600	1,4-Dichlorobenzene-d4	11.822

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	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4	p-Cymene	134	C10H14	000099-87-6	70
5	o-Cymene	134	C10H14	000527-84-4	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

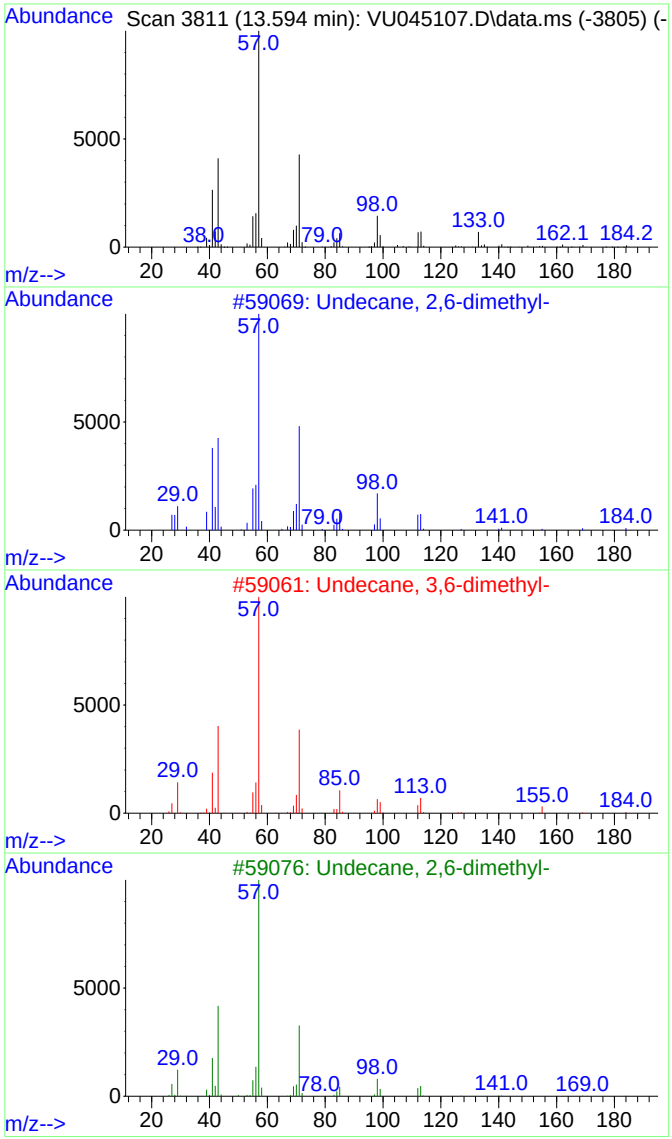
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

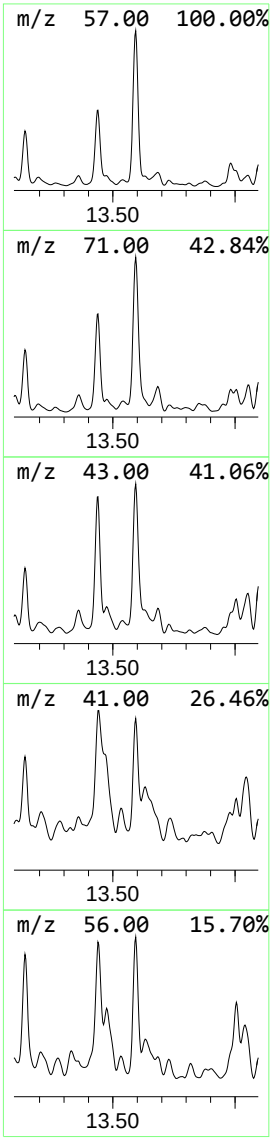
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.594	32.98 ug/L	3385260	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	96
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

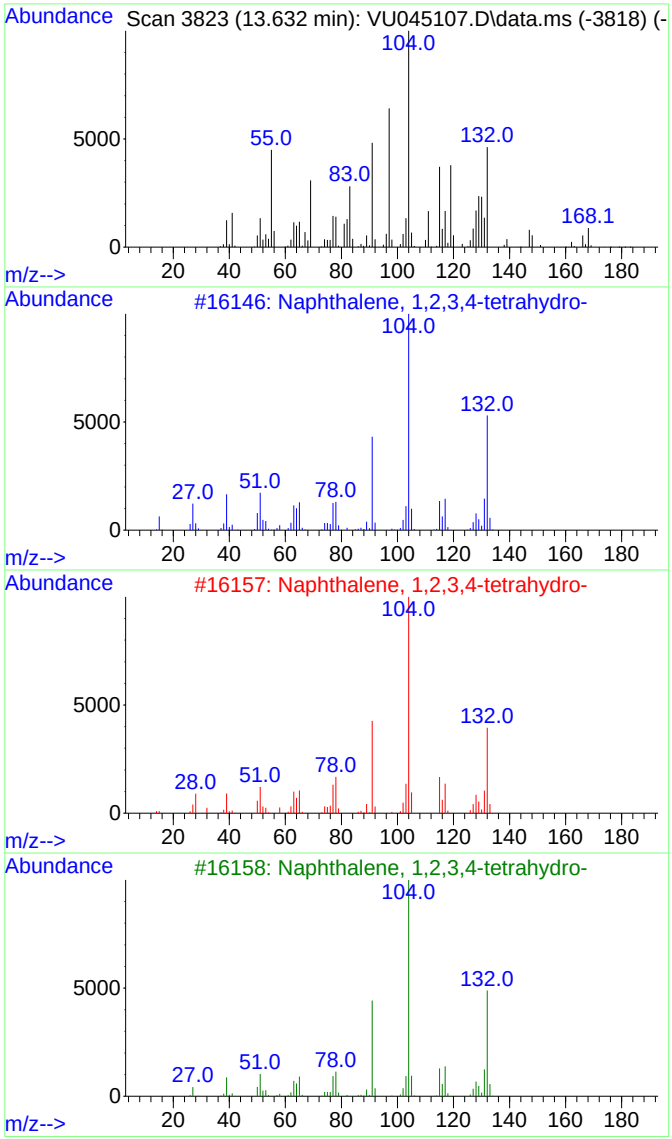
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

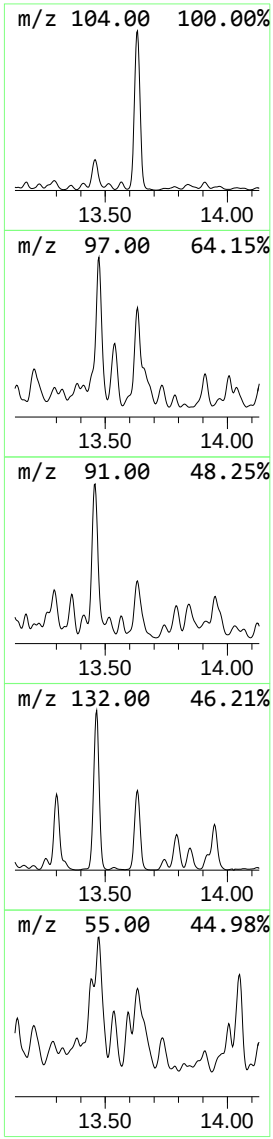
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.632	96.76 ug/L	9933250	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
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	70
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55
5	Indan, epoxide	132	C9H8O	000768-22-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

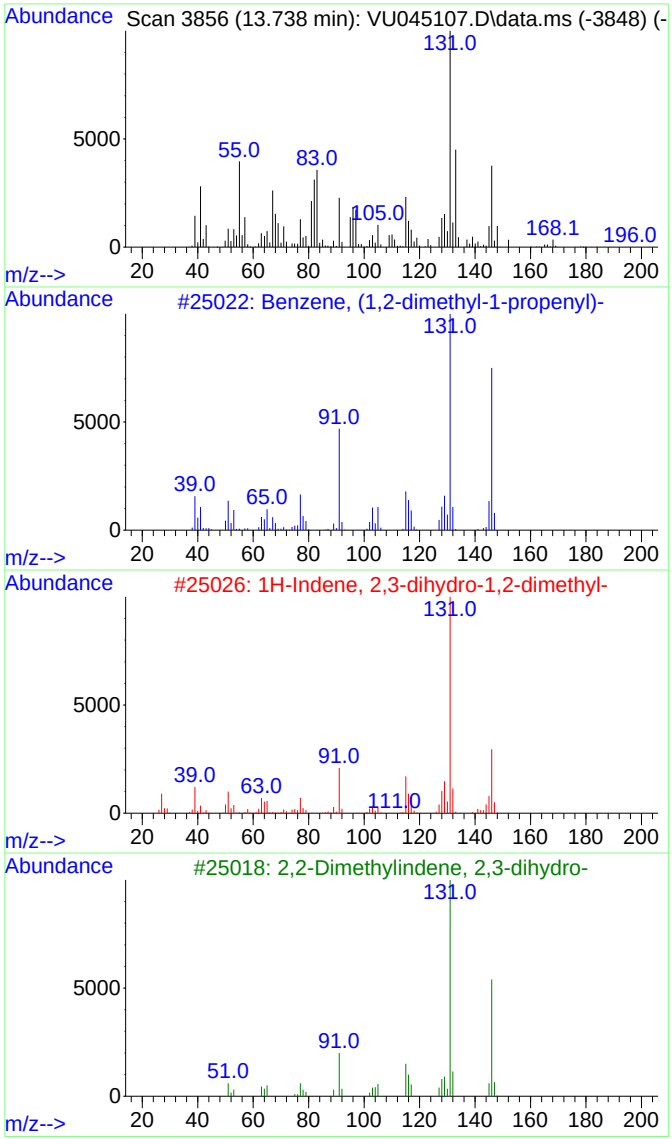
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

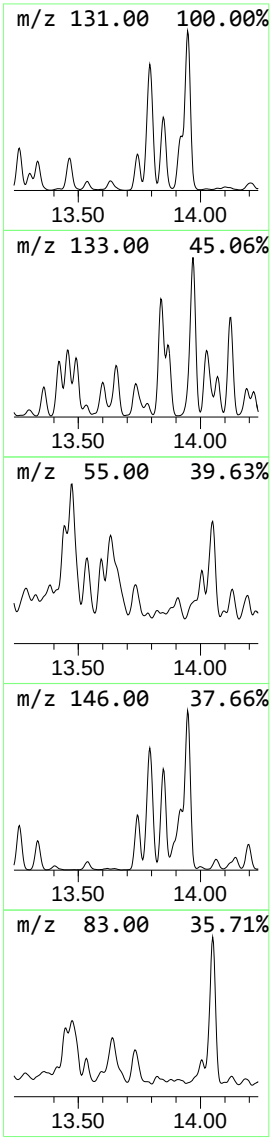
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.738	22.76 ug/L	2336340	1,4-Dichlorobenzene-d4	11.822

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	89
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

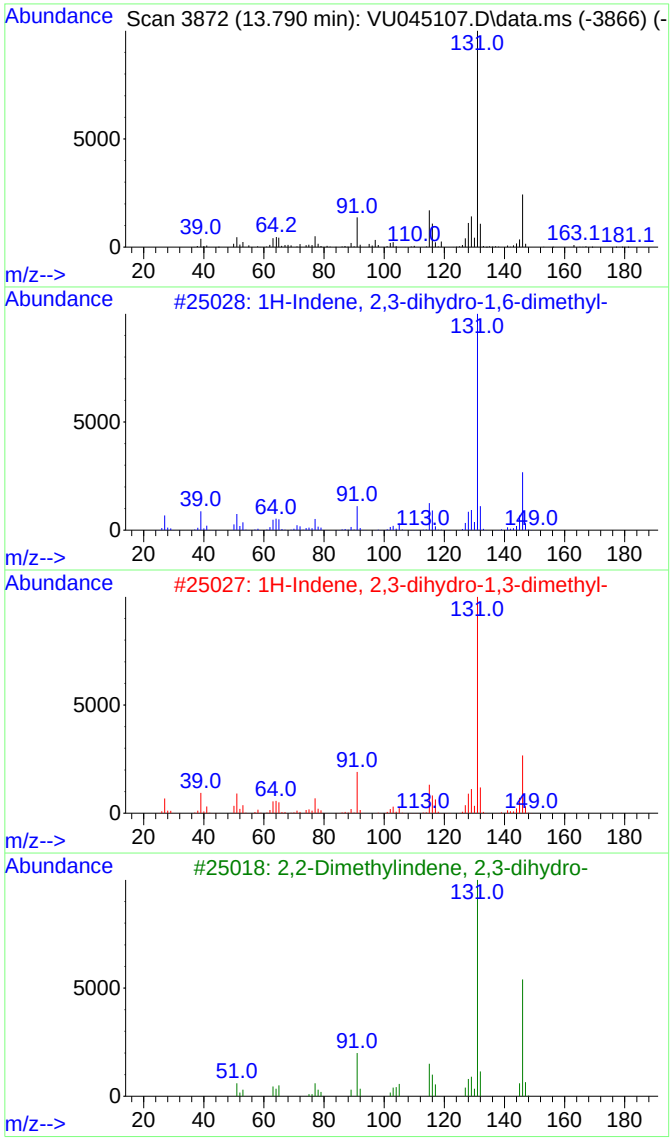
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

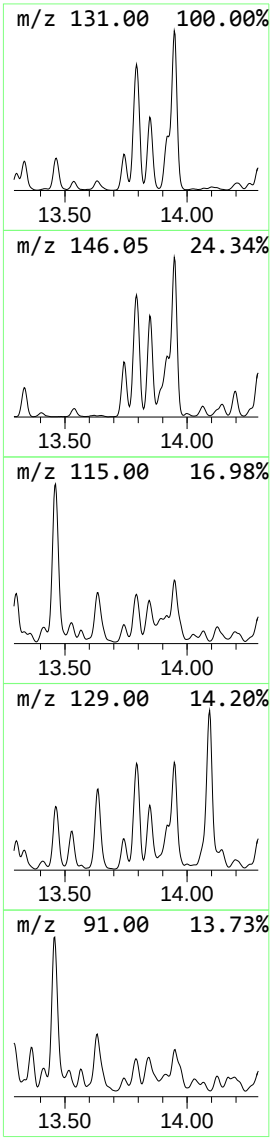
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.790	19.19 ug/L	1970150	1,4-Dichlorobenzene-d4	11.822

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-1,3-dimet...	146	C11H14	004175-53-5	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

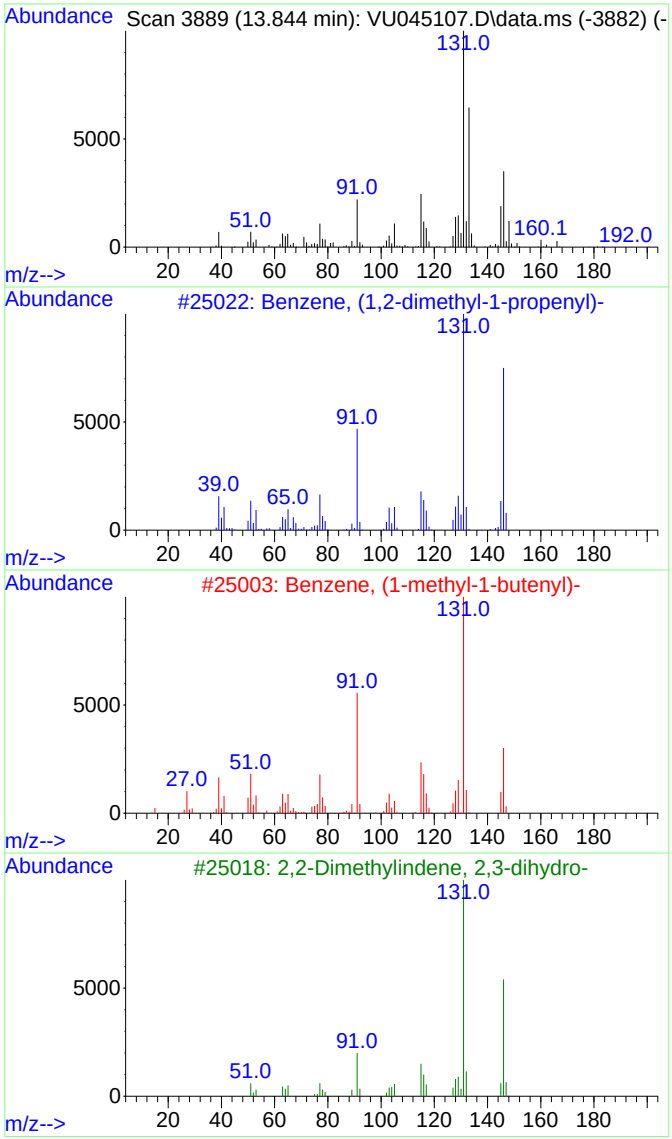
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

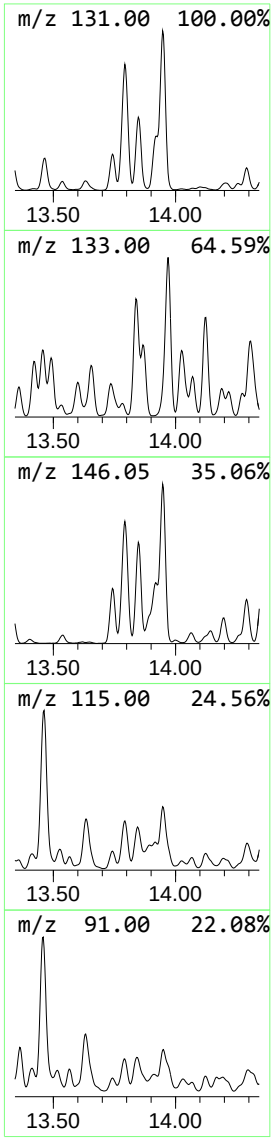
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 Benzene, (1-methyl-1-butenyl)- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.844	26.07 ug/L	2676300	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70





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Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

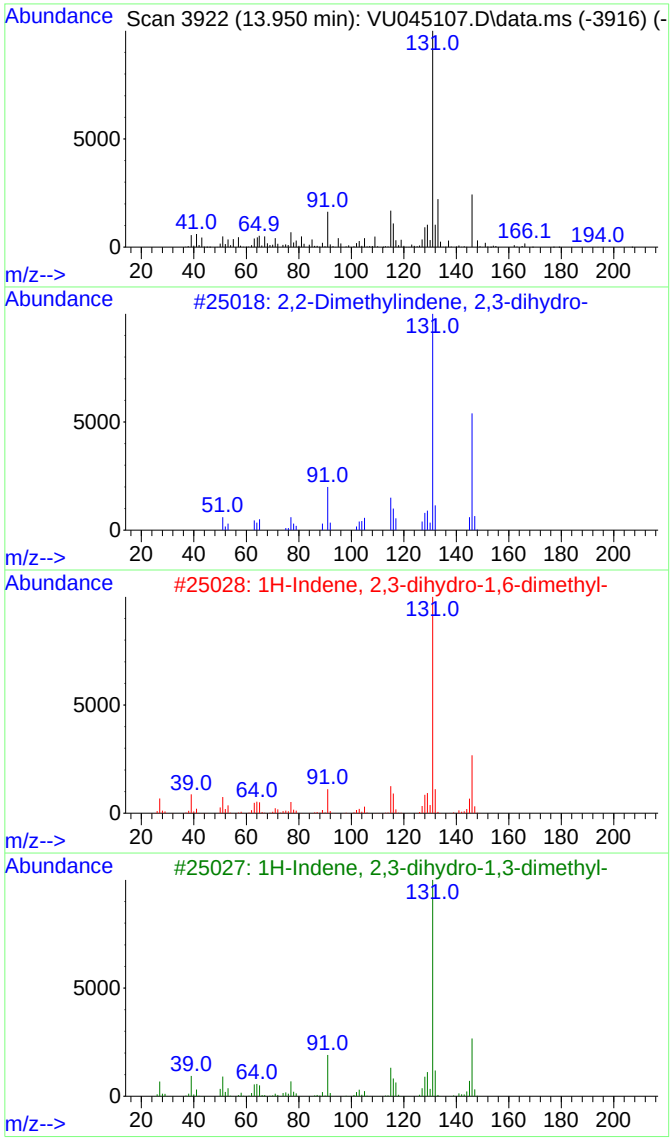
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

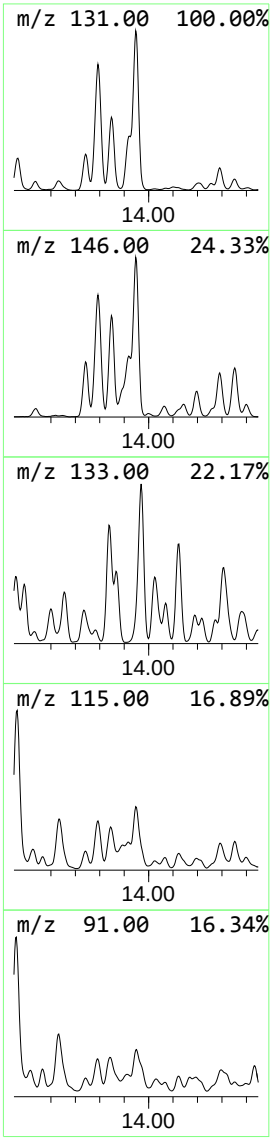
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 2,2-Dimethylindene, 2,3-dih... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.950	34.22 ug/L	3513190	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

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

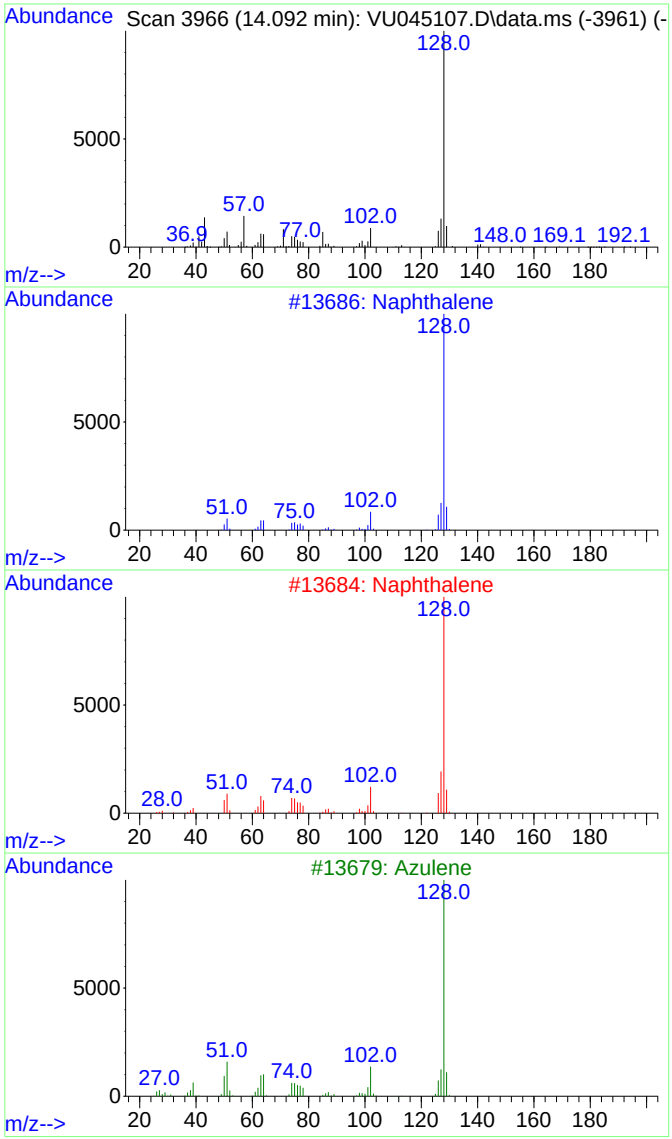
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

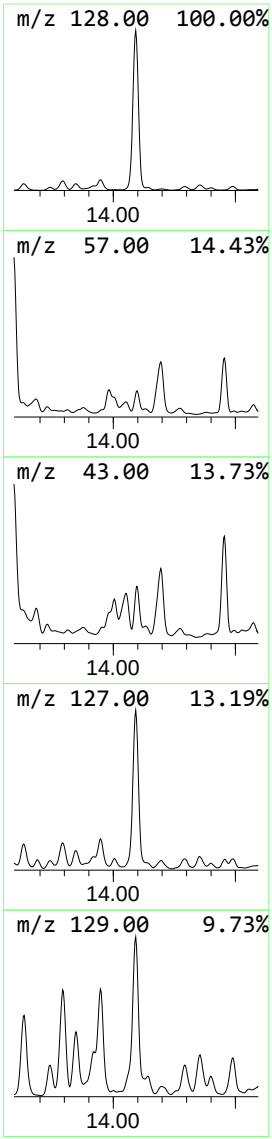
****

Peak Number 73 Azulene Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	21.87 ug/L	2245230	1,4-Dichlorobenzene-d4	11.822

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





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Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

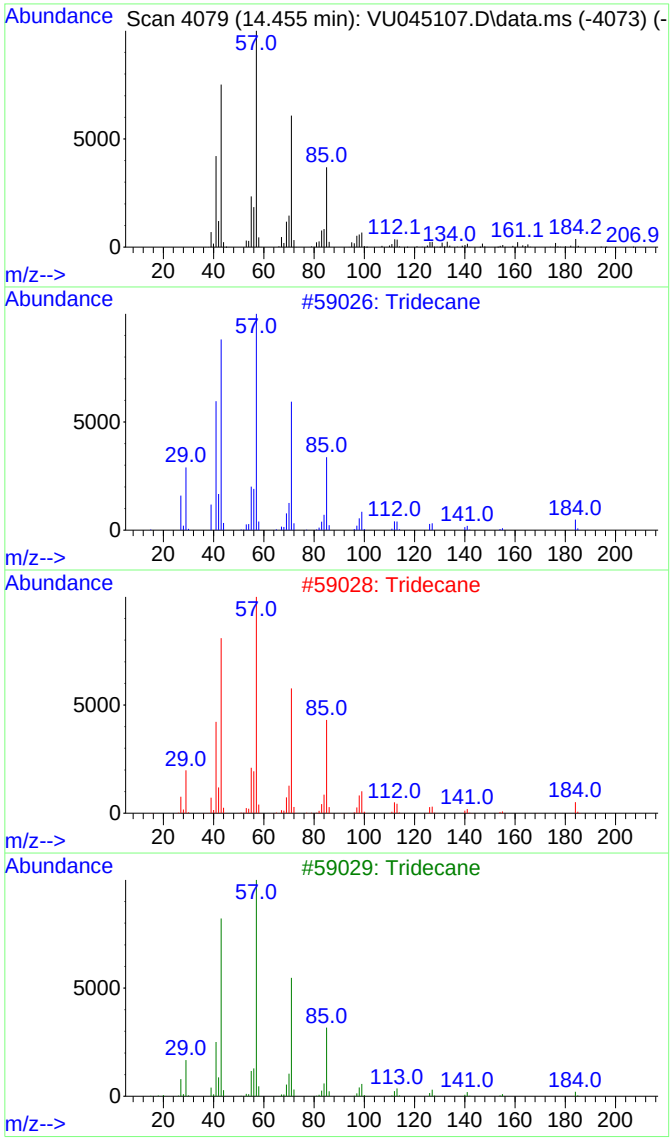
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

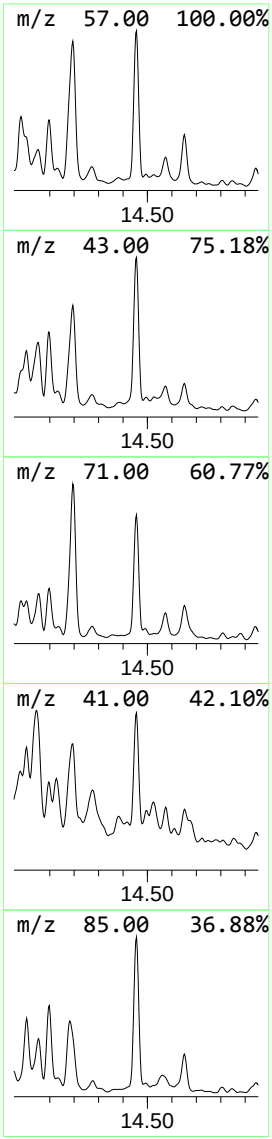
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.455	17.81 ug/L	1827930	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane	184	C13H28	000629-50-5	95
3	Tridecane	184	C13H28	000629-50-5	94
4	Hexadecane	226	C16H34	000544-76-3	91
5	Tetradecane	198	C14H30	000629-59-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

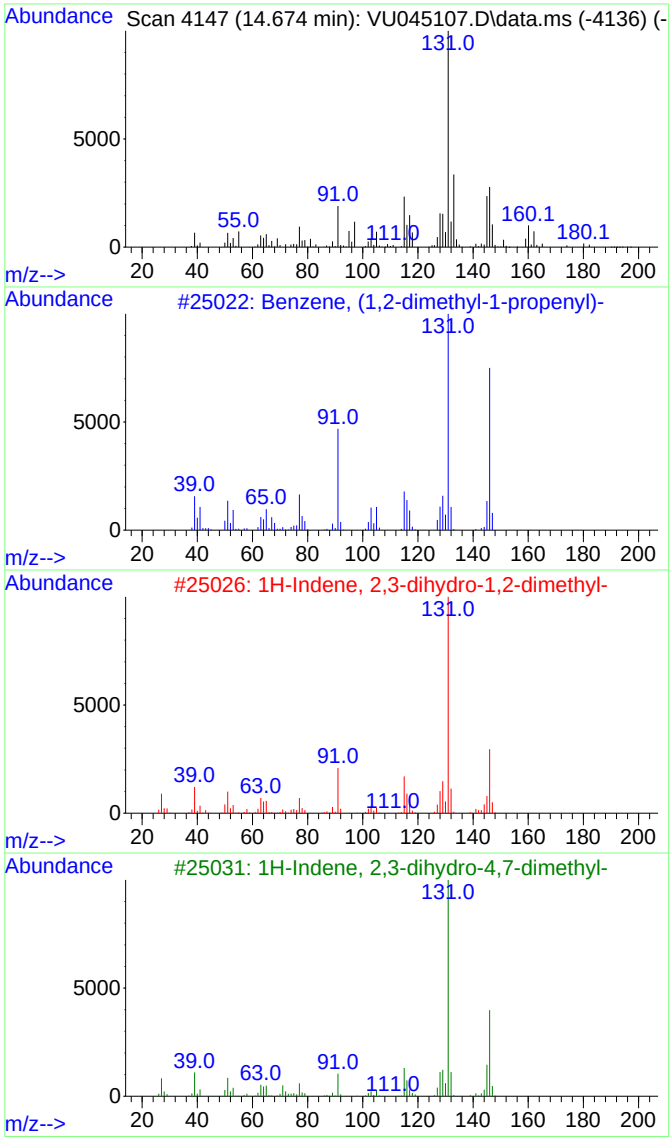
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

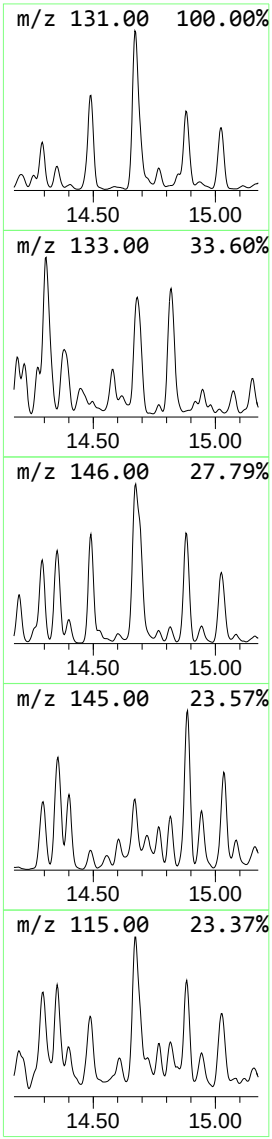
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 75 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.674	36.62 ug/L	3759580	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	92
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	64
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

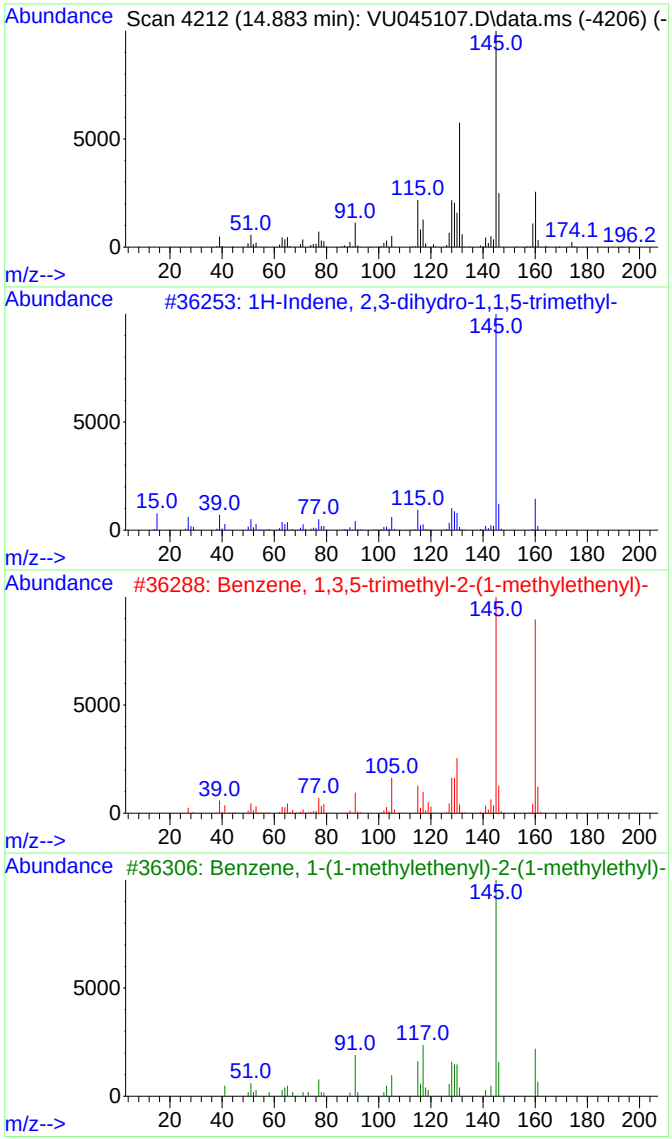
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

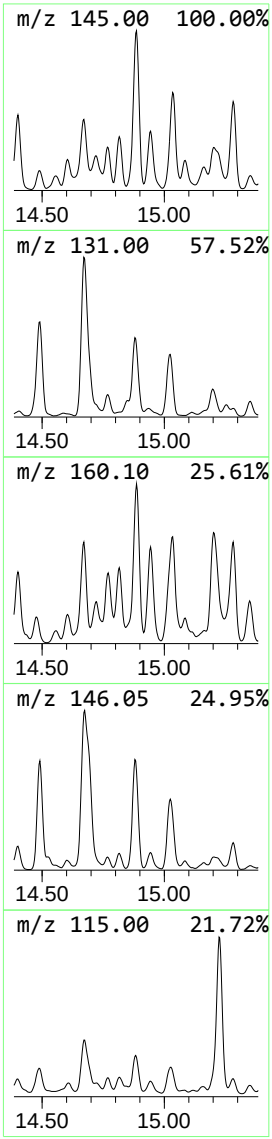
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 76 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.883	17.21 ug/L	1766490	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	64
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	58
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	58
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	58
5	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

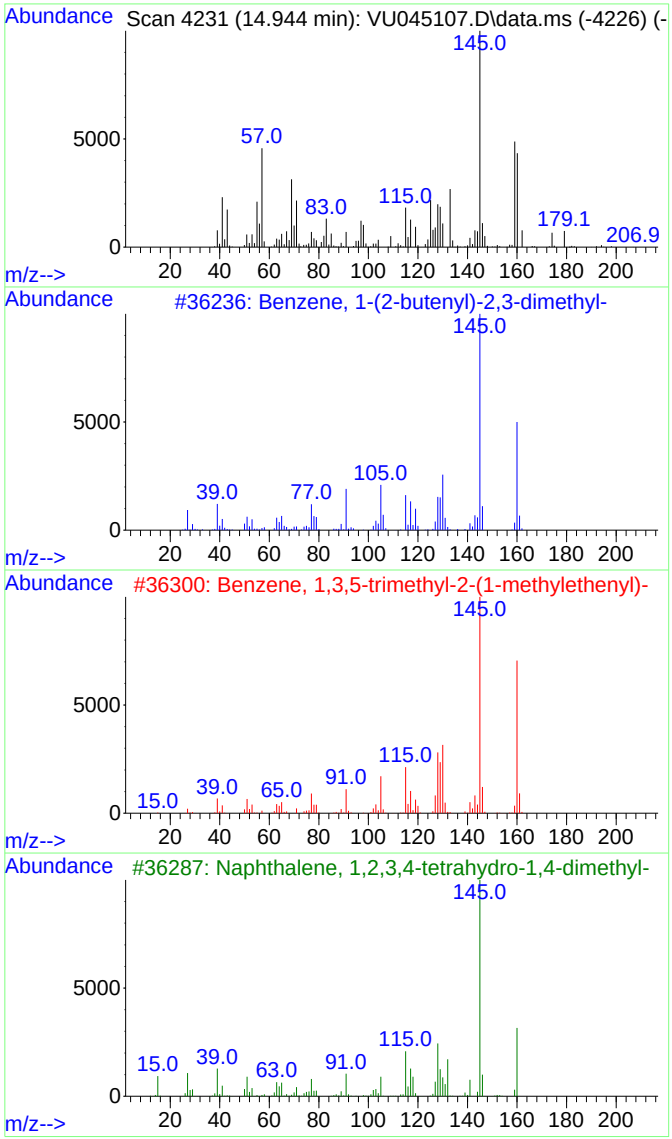
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

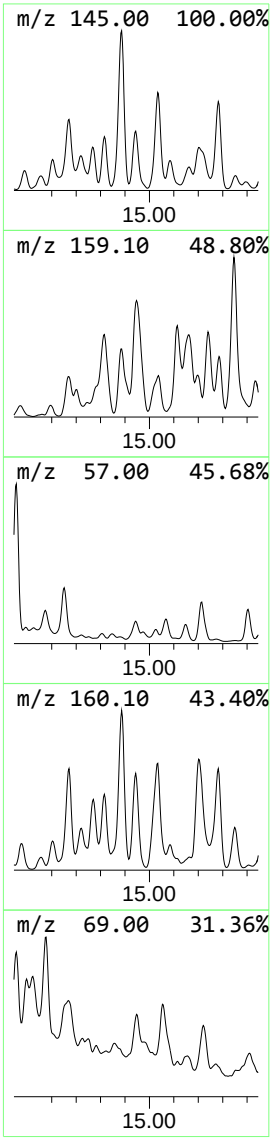
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 77 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.944	14.08 ug/L	1445870	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	64
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	62
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	52
5	2-Methyl-4-phenyl-3-butyn-2-ol	160	C11H12O	001719-19-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

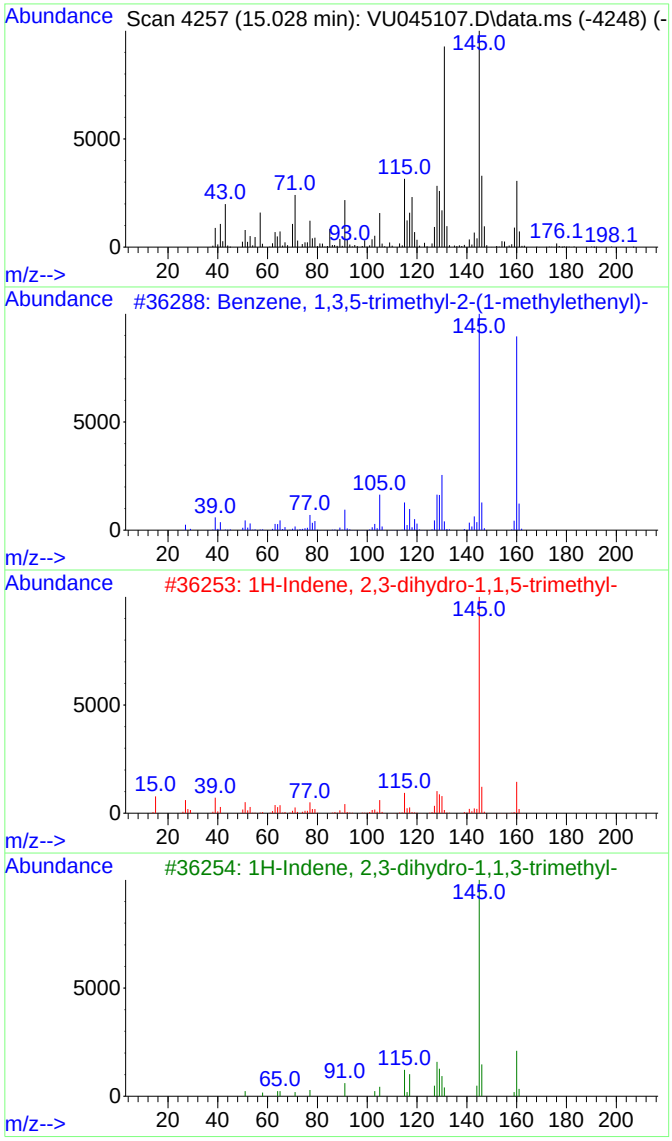
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

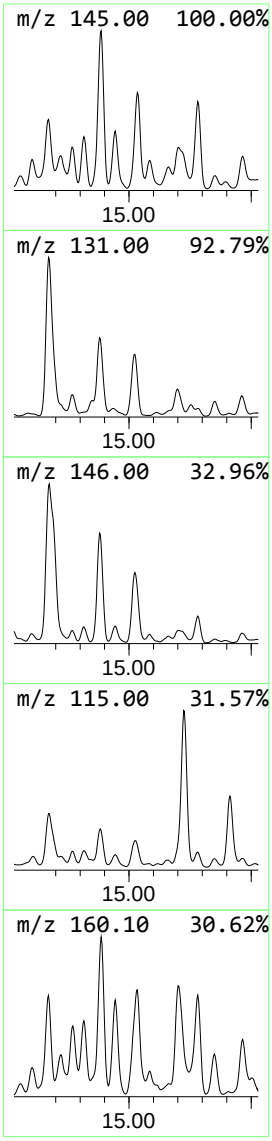
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 78 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.028	18.70 ug/L	1919770	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	50
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	49
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	45
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

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

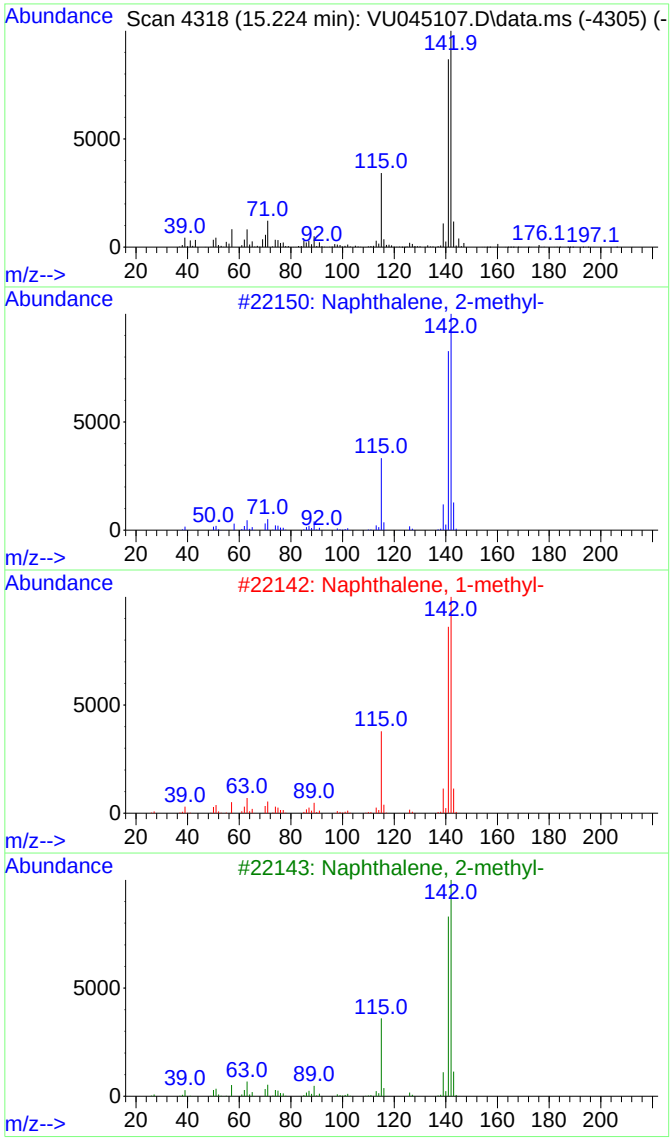
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

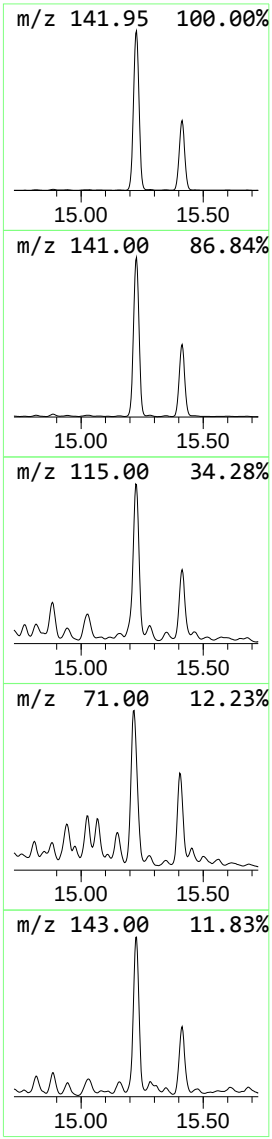
****

Peak Number 79 Naphthalene, 2-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.224	51.16 ug/L	5251780	1,4-Dichlorobenzene-d4	11.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW902

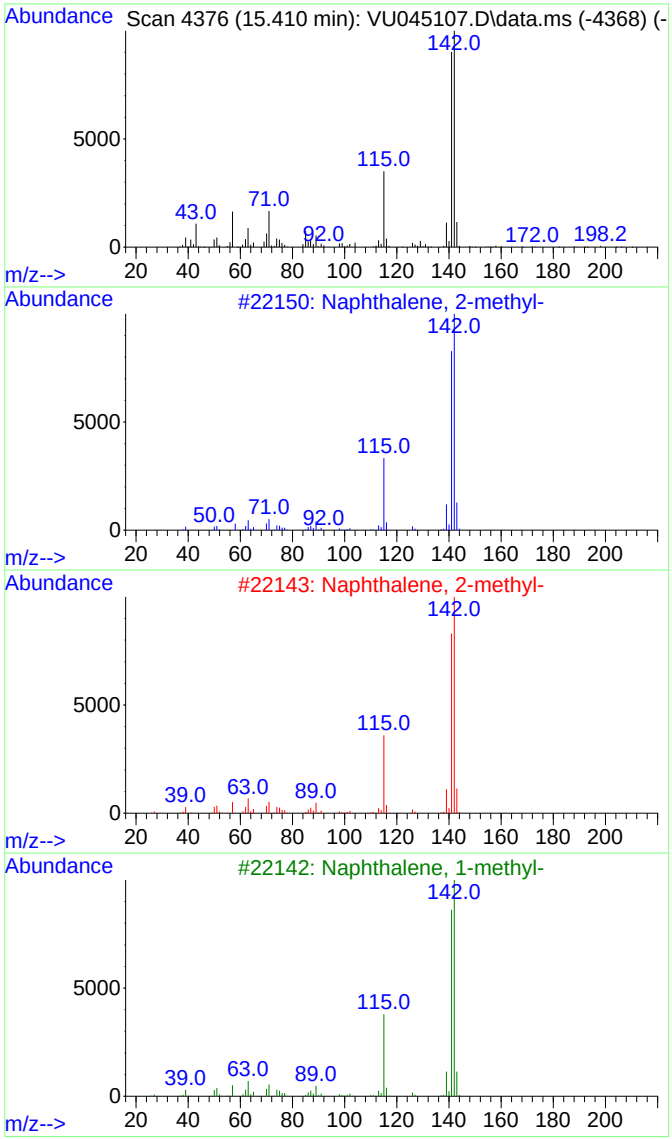
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

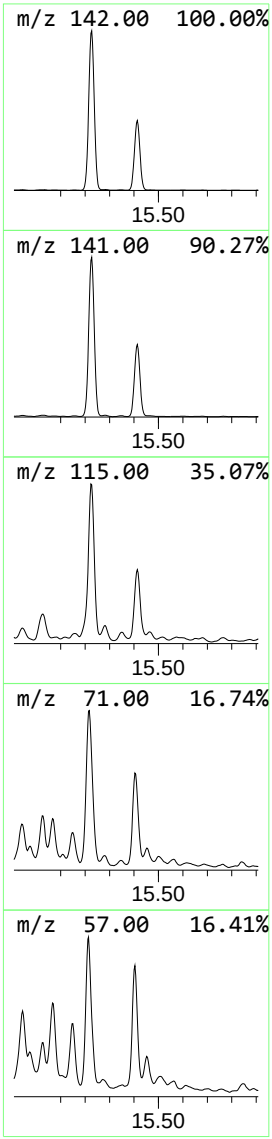
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 80 Naphthalene, 1-methyl- Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	18.50 ug/L	1899500	1,4-Dichlorobenzene-d4	11.822

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	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045107.D
Acq On : 04 Oct 2021 19:28
Operator : SY/MD
Sample : M4000-07
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW902

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...	3.047	117.4	ug/L	1541430	1	6.253	656643	50.0
(DEL) Alkane: S...	3.330	78.1	ug/L	1025380	1	6.253	656643	50.0
2-Ethyl-oxetane	3.671	305.2	ug/L	4007850	1	6.253	656643	50.0
(DEL) Alkane: C...	4.513	195.4	ug/L	2566600	1	6.253	656643	50.0
(DEL) Alkane: S...	5.452	90.7	ug/L	1191470	1	6.253	656643	50.0
(DEL) Alkane: S...	5.584	350.9	ug/L	4608140	1	6.253	656643	50.0
(DEL) Alkane: C...	5.841	187.0	ug/L	2455520	1	6.253	656643	50.0
(DEL) Alkane: C...	5.915	117.5	ug/L	1543650	1	6.253	656643	50.0
(DEL) Alkane: C...	5.983	297.6	ug/L	3908120	1	6.253	656643	50.0
(DEL) Alkane: S...	6.131	1005.5	ug/L	13205200	1	6.253	656643	50.0
(DEL) Alkane: S...	6.864	68.0	ug/L	893591	1	6.253	656643	50.0
(DEL) Alkane: C...	6.980	157.8	ug/L	2071840	1	6.253	656643	50.0
(DEL) Alkane: C...	7.073	217.7	ug/L	2858850	1	6.253	656643	50.0
(DEL) Alkane: C...	7.237	276.9	ug/L	3636420	1	6.253	656643	50.0
Cyclopentene, 1...	7.401	100.3	ug/L	1316820	1	6.253	656643	50.0
(DEL) Alkane: S...	7.500	832.3	ug/L	10930100	1	6.253	656643	50.0
(DEL) Alkane: S...	7.661	492.4	ug/L	6467010	1	6.253	656643	50.0
Cyclohexene, 1-...	7.761	160.4	ug/L	2106590	1	6.253	656643	50.0
(DEL) Alkane: C...	8.028	183.8	ug/L	2413280	2	9.433	656509	50.0
(DEL) Alkane: S...	8.137	1855.8	ug/L	24367200	2	9.433	656509	50.0
(DEL) Alkane: C...	8.246	588.9	ug/L	7732540	2	9.433	656509	50.0
(DEL) Alkane: C...	8.372	204.0	ug/L	2678690	2	9.433	656509	50.0
1,3-Dimethyl-1-...	8.417	121.4	ug/L	1594440	2	9.433	656509	50.0
(DEL) Alkane: S...	8.764	199.7	ug/L	2621840	2	9.433	656509	50.0
(DEL) Alkane: C...	8.809	287.1	ug/L	3769060	2	9.433	656509	50.0
(DEL) Alkane: C...	8.870	540.2	ug/L	7092440	2	9.433	656509	50.0
(DEL) Alkane: C...	8.931	670.6	ug/L	8804540	2	9.433	656509	50.0
(DEL) Alkane: C...	9.073	454.1	ug/L	5962120	2	9.433	656509	50.0
(DEL) Alkane: S...	9.127	260.6	ug/L	3422270	2	9.433	656509	50.0
(DEL) Alkane: C...	9.172	486.4	ug/L	6386310	2	9.433	656509	50.0
(DEL) Alkane: S...	9.221	1073.8	ug/L	14099800	2	9.433	656509	50.0
(DEL) Alkane: S...	9.272	59.9	ug/L	787011	2	9.433	656509	50.0
(DEL) Alkane: S...	9.343	1343.4	ug/L	17638700	2	9.433	656509	50.0
unknown-01	9.484	91.8	ug/L	1205990	2	9.433	656509	50.0
(DEL) Alkane: C...	9.886	312.1	ug/L	4097990	2	9.433	656509	50.0
(DEL) Alkane: S...	9.960	112.4	ug/L	1476290	2	9.433	656509	50.0
(DEL) Alkane: S...	10.034	994.5	ug/L	13057700	2	9.433	656509	50.0
(DEL) Alkane: S...	10.262	2131.9	ug/L	27992000	2	9.433	656509	50.0
(DEL) Alkane: C...	10.369	1049.2	ug/L	13775700	2	9.433	656509	50.0
(DEL) Alkane: S...	10.565	610.7	ug/L	8018340	2	9.433	656509	50.0
(DEL) Alkane: S...	10.632	137.1	ug/L	14072900	3	11.822	5133060	50.0
unknown-02	10.706	17.1	ug/L	1751020	3	11.822	5133060	50.0
(DEL) Alkane: C...	10.819	86.5	ug/L	8881530	3	11.822	5133060	50.0
Benzene, propyl-	10.918	17.6	ug/L	1810360	3	11.822	5133060	50.0
Benzene, 1-ethy...	11.012	118.3	ug/L	12143800	3	11.822	5133060	50.0
(DEL) Alkane: C...	11.198	16.7	ug/L	1712370	3	11.822	5133060	50.0
(DEL) Alkane: C...	11.253	22.6	ug/L	2325690	3	11.822	5133060	50.0
Benzene, 1-ethy...	11.304	114.8	ug/L	11786200	3	11.822	5133060	50.0
(DEL) Alkane: S...	11.381	30.5	ug/L	3127990	3	11.822	5133060	50.0
(DEL) Alkane: S...	11.426	131.2	ug/L	13464100	3	11.822	5133060	50.0
(DEL) Alkane: S...	11.584	12.9	ug/L	1323530	3	11.822	5133060	50.0
(DEL) Alkane: S...	11.652	82.2	ug/L	8435150	3	11.822	5133060	50.0

(DEL) Alkane: C...	11.722	140.9	ug/L	14465300	3	11.822	5133060	50.0
Benzene, 1,2,3-...	11.909	200.5	ug/L	20585700	3	11.822	5133060	50.0
(DEL) Alkane: S...	12.008	87.7	ug/L	9001070	3	11.822	5133060	50.0
Benzene, 2-prop...	12.105	51.8	ug/L	5313870	3	11.822	5133060	50.0
(DEL) Alkane: C...	12.333	54.3	ug/L	5569590	3	11.822	5133060	50.0
Benzene, 1-meth...	12.391	96.2	ug/L	9880380	3	11.822	5133060	50.0
Benzene, 2-ethy...	12.478	21.5	ug/L	2210820	3	11.822	5133060	50.0
o-Cymene	12.507	31.4	ug/L	3222850	3	11.822	5133060	50.0
Benzene, 1-ethe...	12.680	88.7	ug/L	9107800	3	11.822	5133060	50.0
trans-Decalin, ...	12.848	24.0	ug/L	2461490	3	11.822	5133060	50.0
(DEL) Alkane: C...	12.934	159.5	ug/L	16378000	3	11.822	5133060	50.0
Benzene, 1,2,3,...	13.034	49.4	ug/L	5067600	3	11.822	5133060	50.0
(DEL) Alkane: S...	13.140	49.2	ug/L	5046520	3	11.822	5133060	50.0
Benzene, 1,2,4,...	13.459	200.9	ug/L	20624600	3	11.822	5133060	50.0
(DEL) Alkane: S...	13.594	33.0	ug/L	3385260	3	11.822	5133060	50.0
Naphthalene, 1,...	13.632	96.8	ug/L	9933250	3	11.822	5133060	50.0
Benzene, (1,2-d...	13.738	22.8	ug/L	2336340	3	11.822	5133060	50.0
1H-Indene, 2,3-...	13.790	19.2	ug/L	1970150	3	11.822	5133060	50.0
Benzene, (1-met...	13.844	26.1	ug/L	2676300	3	11.822	5133060	50.0
2,2-Dimethylind...	13.950	34.2	ug/L	3513190	3	11.822	5133060	50.0
Azulene	14.092	21.9	ug/L	2245230	3	11.822	5133060	50.0
(DEL) Alkane: S...	14.455	17.8	ug/L	1827930	3	11.822	5133060	50.0
1H-Indene, 2,3-...	14.674	36.6	ug/L	3759580	3	11.822	5133060	50.0
1H-Indene, 2,3-...	14.883	17.2	ug/L	1766490	3	11.822	5133060	50.0
Benzene, 1-(2-b...	14.944	14.1	ug/L	1445870	3	11.822	5133060	50.0
Benzene, 1,3,5-...	15.028	18.7	ug/L	1919770	3	11.822	5133060	50.0
Naphthalene, 2-...	15.224	51.2	ug/L	5251780	3	11.822	5133060	50.0
Naphthalene, 1-...	15.410	18.5	ug/L	1899500	3	11.822	5133060	50.0

Instrument :
MSVOA_U
ClientSampleId :
EW902