LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

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: VU045095.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.491	35	47	70	rBV2	2777486	4583424	2.10%	0.426%
2	1.604	70	82	94	rVV	14002422	19431462	8.90%	1.806%
3	1.662	94	100	115	rVV	5694206	7183516	3.29%	0.668%
4	1.736	115	123	134	rVV	3227549	4070960	1.87%	0.378%
5	1.903	166	175	192	rVB2	581305	902422	0.41%	0.084%
6	1.993	192	203	247	rBV	20170155	30945650	14.18%	2.876%
7	2.218	259	273	292	rVB3	7539470	15000205	6.87%	1.394%
8	2.318	293	304	318	rBV	6499422	9316191	4.27%	0.866%
9	2.417	318	335	341	rBV	2026608	3012668	1.38%	0.280%
10	2.469	341	351	371	rVB	19675149	30579389	14.01%	2.842%
11	2.572	372	383	398	rBV2	209162	548823	0.25%	0.051%
12	3.025	498	524	536	rVV2	3252624	9145944	4.19%	0.850%
13	3.086	538	543	551	rVV	1820072	3317834	1.52%	0.308%
14	3.144	551	561	611	rVV2	3020081	8349820	3.83%	0.776%
15	3.366	614	630	655	rVB	1533602	3424958	1.57%	0.318%
16	3.578	678	696	718	rVB	616781	1394742	0.64%	0.130%
17	3.703	719	735	757	rVB	425333	946569	0.43%	0.088%
18	3.838	757	777	789	rBV2	416587	1021697	0.47%	0.095%
19	3.919	789	802	810	rVV	427079	1043055	0.48%	0.097%
20	3.983	810	822	840	rVV	1684865	4084410	1.87%	0.380%
21	4.096	840	857	870	rVV	1112370	2841748	1.30%	0.264%
22	4.176	870	882	897	rVV2	786857	2202092	1.01%	0.205%
23	4.260	898	908	919	rVV	368903	912652	0.42%	0.085%
24	4.340	919	933	951	rVV	1642398	3978716	1.82%	0.370%
25	4.440	952	964	977	rVV2	188746	485012	0.22%	0.045%
26	4.539	977	995	1009	rVV	4024066	9786050	4.48%	0.910%
27	4.620	1010	1020	1040	rVV2	718944	1789952	0.82%	0.166%
28	5.073	1148	1161	1171	rBV	167494	387111	0.18%	0.036%
29	5.186	1182	1196	1212	rVB	2452487	5266375	2.41%	0.489%
30	5.395	1243	1261	1274	rBV2	2318902	5721066	2.62%	0.532%
31	5.469	1275	1284	1308	rVB3	599559	1620687	0.74%	0.151%
32	5.600	1310	1325	1351	rBV2	426672	1207213	0.55%	0.112%
33	5.819	1352	1393	1413	rBV5	56252162	218277588	100.00%	20.287%
34	5.912	1414	1422	1438	rVB4	1938456	4254550	1.95%	0.395%
35	6.141	1484	1493	1517	rVB4	352177	905005	0.41%	0.084%
36	6.256	1518	1529	1534	rVV	354980	643934	0.30%	0.060%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

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	6.301	1535	1543	1566	rVB5	760354	2128241	0.98%	0.198%
38	6.469	1585	1595	1609	rVB	189785	347661	0.16%	0.032%
39	6.575	1609	1628	1646	rBV5	379558	951809	0.44%	0.088%
40	6.697	1654	1666	1673	rBV	299237	574559	0.26%	0.053%
41	6.768	1673	1688	1700	rVB4	990434	2325871	1.07%	0.216%
42	6.986	1747	1756	1769	rVB	241905	434771	0.20%	0.040%
43	7.259	1829	1841	1856	rVB	433526	894822	0.41%	0.083%
44	7.395	1856	1883	1909	rBV6	1071713	2889029	1.32%	0.269%
45	7.571	1924	1938	1948	rBV3	174599	356534	0.16%	0.033%
46	7.639	1948	1959	1969	rBV	445333	985783	0.45%	0.092%
47	7.706	1970	1980	1990	rVV	1021915	1911554	0.88%	0.178%
48	7.764	1990	1998	2007	rVB	383055	616721	0.28%	0.057%
49	7.909	2034	2043	2051	rBV	430648	741601	0.34%	0.069%
50	8.005	2051	2073	2085	rBV4	55678165	167292490	76.64%	15.549%
51	8.112	2100	2106	2119	rVB2	223866	375500	0.17%	0.035%
52	8.279	2147	2158	2169	rVB	326796	550794	0.25%	0.051%
53	8.417	2193	2201	2218	rVB	166908	327737	0.15%	0.030%
54	8.639	2253	2270	2279	rBV	695493	1188788	0.54%	0.110%
55	8.832	2320	2330	2356	rVB	548030	1155957	0.53%	0.107%
56	9.346	2478	2490	2504	rBV	409341	761400	0.35%	0.071%
57	9.423	2504	2514	2521	rBV	541871	910221	0.42%	0.085%
58	9.494	2531	2536	2548	rVB	368712	566123	0.26%	0.053%
59	9.587	2548	2565	2584	rVV2	47682409	91248984	41.80%	8.481%
60	9.713	2586	2604	2630	rVV2	44999652	82829469	37.95%	7.698%
61	9.825	2630	2639	2648	rVV5	222987	470581	0.22%	0.044%
62	10.115	2692	2729	2755	rBV2	42612920	76511768	35.05%	7.111%
63	10.488	2834	2845	2857	rVB	2176504	3454433	1.58%	0.321%
64	10.761	2915	2930	2941	rVB2	536137	943308	0.43%	0.088%
65	10.909	2965	2976	2991	rVB	7200534	11010976	5.04%	1.023%
66	11.005	2992	3006	3011	rBV	10854407	18451767	8.45%	1.715%
67	11.092	3023	3033	3049	rVB	6787953	10361095	4.75%	0.963%
68	11.298	3083	3097	3114	rBV	8144466	12582006	5.76%	1.169%
69	11.478	3139	3153	3167	rVB2	30901401	49562376	22.71%	4.606%
70	11.648	3200	3206	3215	rVB	305629	460158	0.21%	0.043%
71	11.748	3228	3237	3246	rVB	315148	468619	0.21%	0.044%
72	11.816	3246	3258	3270	rVB2	711760	1293670	0.59%	0.120%
73	11.899	3270	3284	3296	rBV	7087030	11139760	5.10%	1.035%
74	12.102	3332	3347	3364	rBV2	12633846	21697378	9.94%	2.017%
75	12.192	3364	3375	3393	rVB5	2913696	5553812	2.54%	0.516%
76	12.314	3400	3413	3424	rBV3	844859	1493029	0.68%	0.139%

LSC Area Percent Report

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Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

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	12.378	3424	3433	3449	rVB	633423	974584	0.45%	0.091%
78	12.468	3449	3461	3467	rBV	1707652	2769515	1.27%	0.257%
79	12.500	3467	3471	3482	rVV	1215378	1599221	0.73%	0.149%
80	12.574	3483	3494	3502	rVV	3312476	4979541	2.28%	0.463%
81	12.616	3502	3507	3517	rVV	720775	1015518	0.47%	0.094%
82	12.687	3517	3529	3549	rVB	2207897	3759241	1.72%	0.349%
83	12.880	3577	3589	3600	rVB	486583	769693	0.35%	0.072%
84	12.976	3602	3619	3627	rBV	1942615	2967759	1.36%	0.276%
85	13.028	3627	3635	3650	rVB	2106175	3178360	1.46%	0.295%
86	13.298	3709	3719	3730	rVV	1892004	2929819	1.34%	0.272%
87	13.459	3758	3769	3781	rVV3	4344450	7333197	3.36%	0.682%
88	13.523	3781	3789	3796	rVV3	411186	685755	0.31%	0.064%
89	13.629	3812	3822	3835	rVB2	784307	1262461	0.58%	0.117%
90	13.790	3863	3872	3879	rVV2	300489	528862	0.24%	0.049%
91	13.841	3879	3888	3903	rVV5	412047	933977	0.43%	0.087%
92	13.947	3915	3921	3936	rVB2	295275	609614	0.28%	0.057%
93	14.092	3951	3966	3983	rVB	12267100	19497383	8.93%	1.812%
94	14.211	3990	4003	4015	rVB	1481350	2403973	1.10%	0.223%
95	14.487	4081	4089	4105	rVB	273395	417476	0.19%	0.039%
96	14.671	4136	4146	4158	rBV2	247785	498580	0.23%	0.046%
97	14.880	4202	4211	4223	rVB3	283036	467215	0.21%	0.043%
98	15.172	4289	4302	4308	rBV	359721	592351	0.27%	0.055%
99	15.224	4308	4318	4344	rVV	2899577	4787831	2.19%	0.445%
100	15.414	4364	4377	4405	rVB2	2715865	4560544	2.09%	0.424%

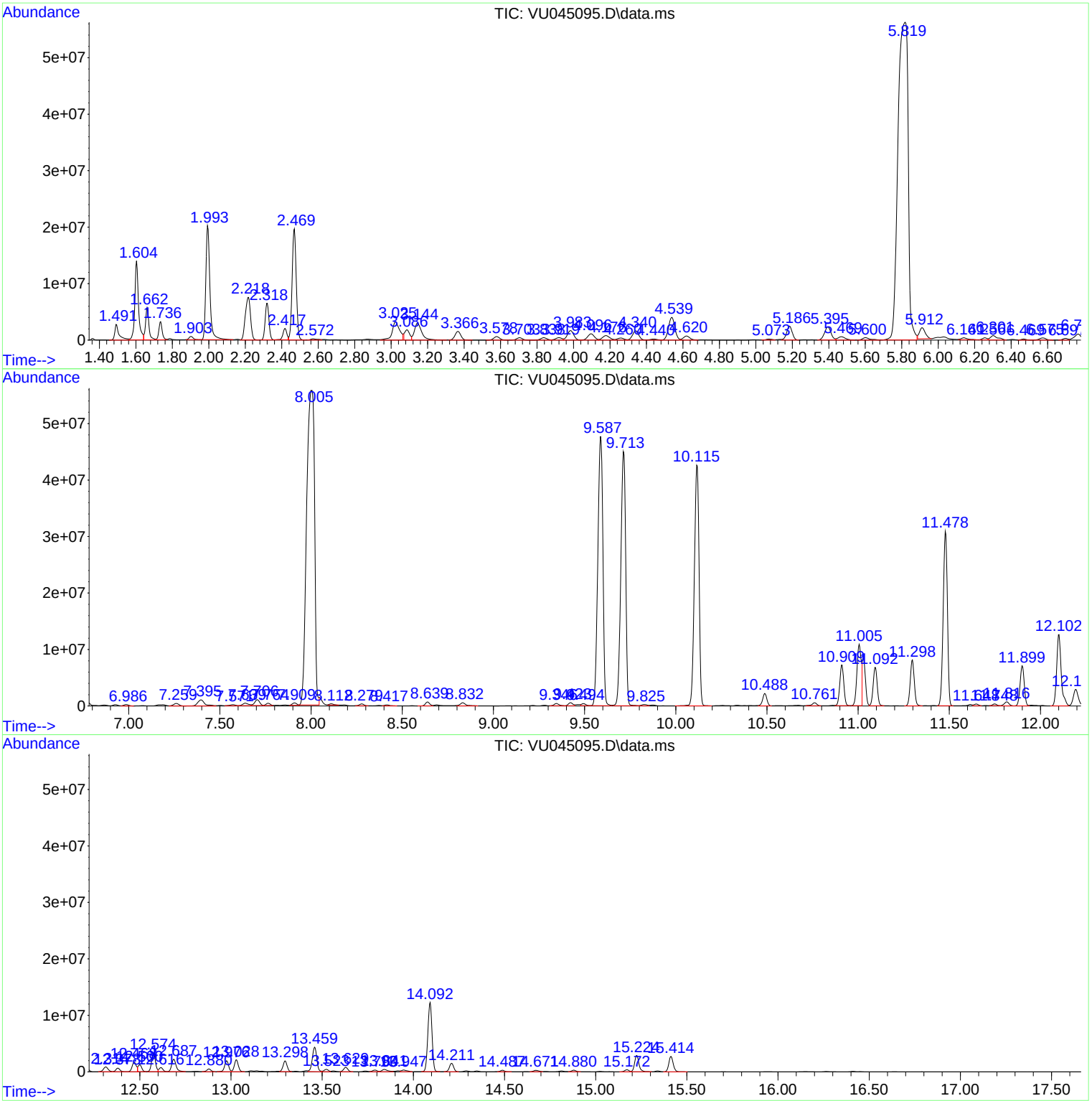
Sum of corrected areas: 1075927115

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4A14

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 : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

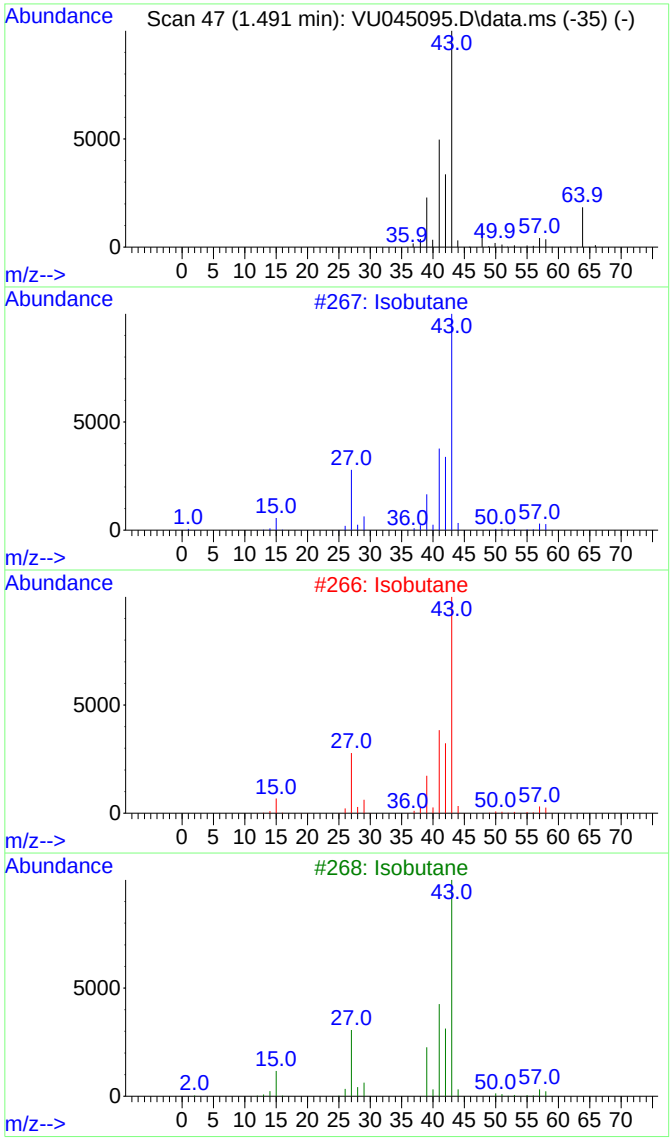
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

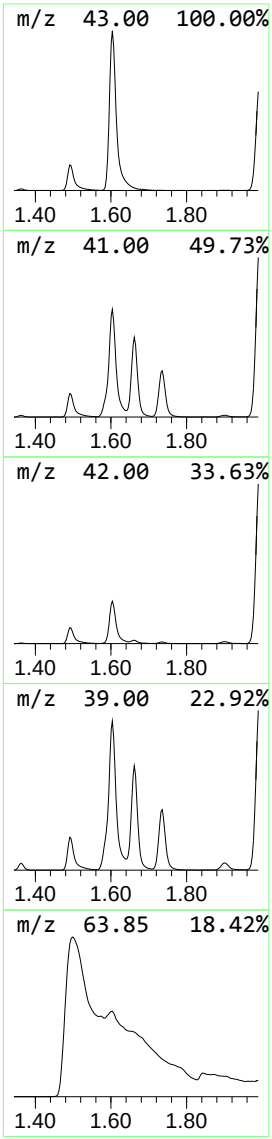
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.491	355.89 ug/L	4583420	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	58
2	Isobutane	58	C4H10	000075-28-5	52
3	Isobutane	58	C4H10	000075-28-5	50
4	Isobutane	58	C4H10	000075-28-5	50
5	Isobutane	58	C4H10	000075-28-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

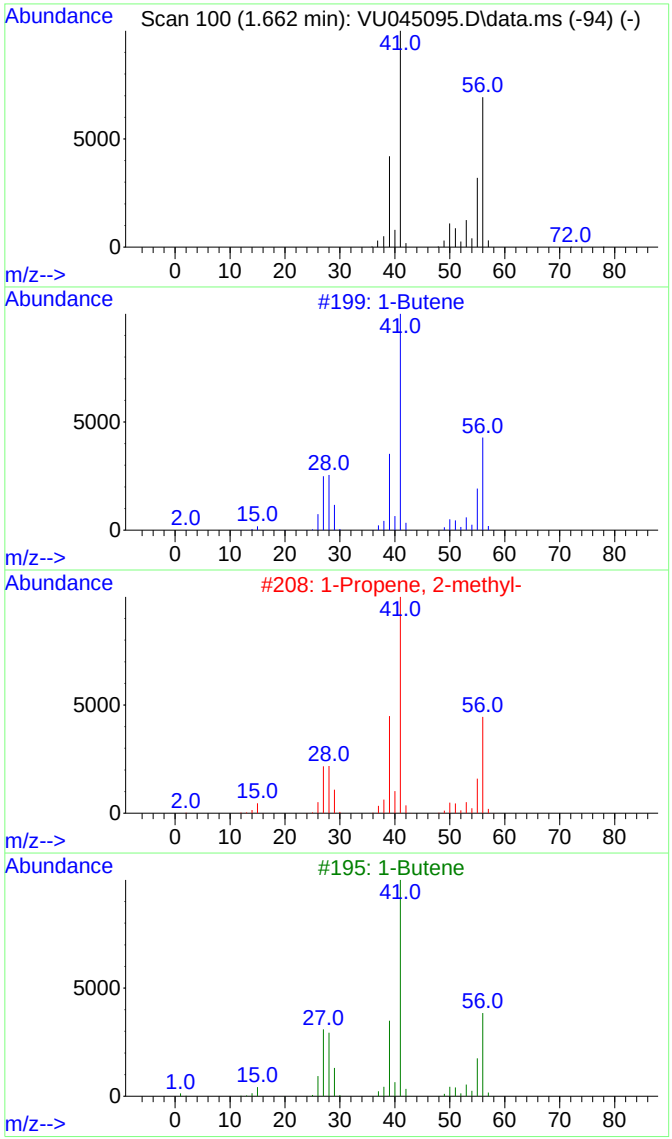
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

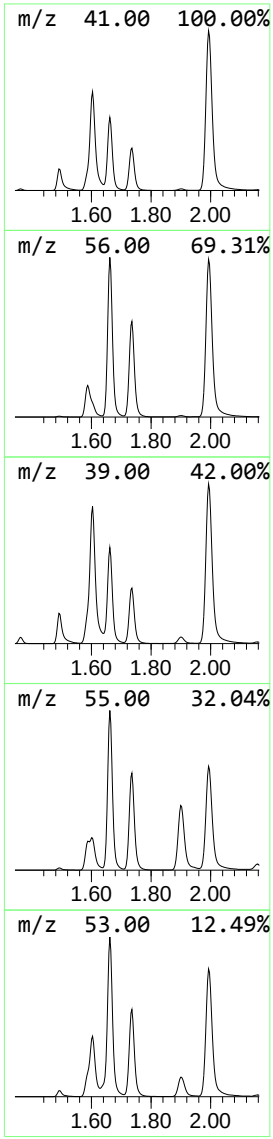
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.662	557.78 ug/L	7183520	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	83
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	83
3	1-Butene	56	C4H8	000106-98-9	80
4	1-Butene	56	C4H8	000106-98-9	80
5	2-Butene, (Z)-	56	C4H8	000590-18-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

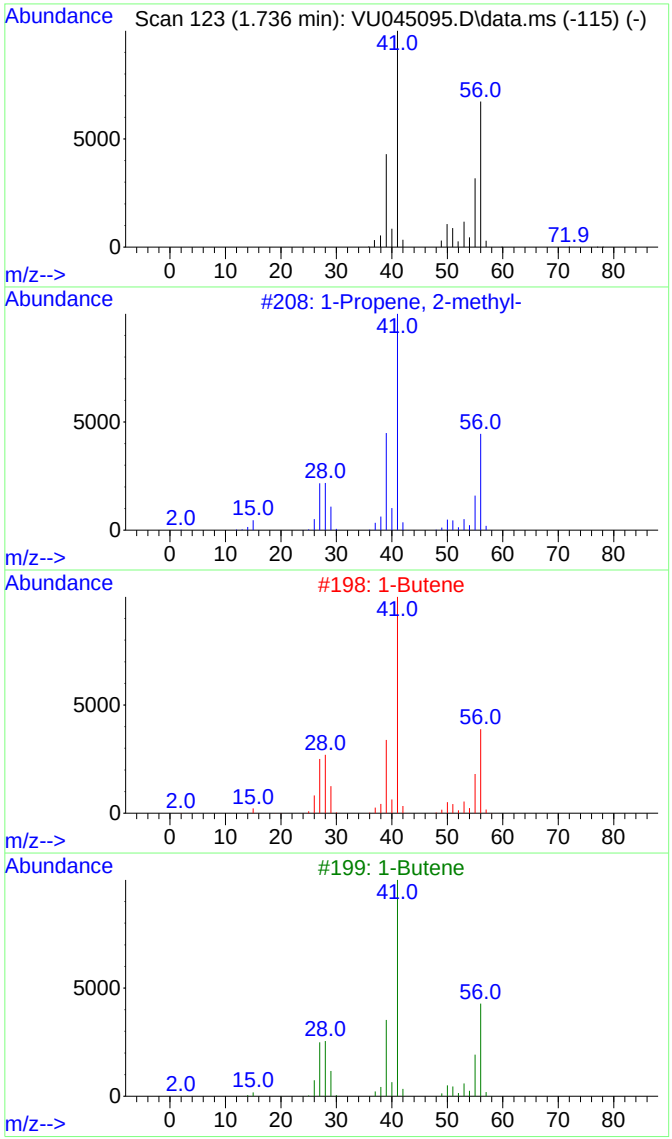
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

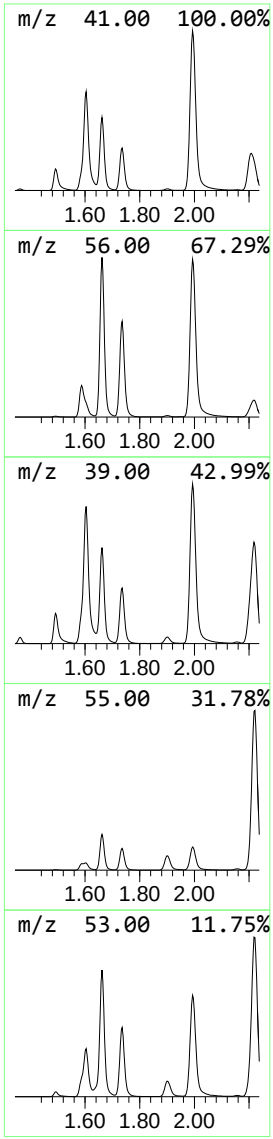
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.736	316.10 ug/L	4070960	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	1-Butene	56	C4H8	000106-98-9	90
3	1-Butene	56	C4H8	000106-98-9	90
4	1-Butene	56	C4H8	000106-98-9	87
5	2-Butene, (Z)-	56	C4H8	000590-18-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

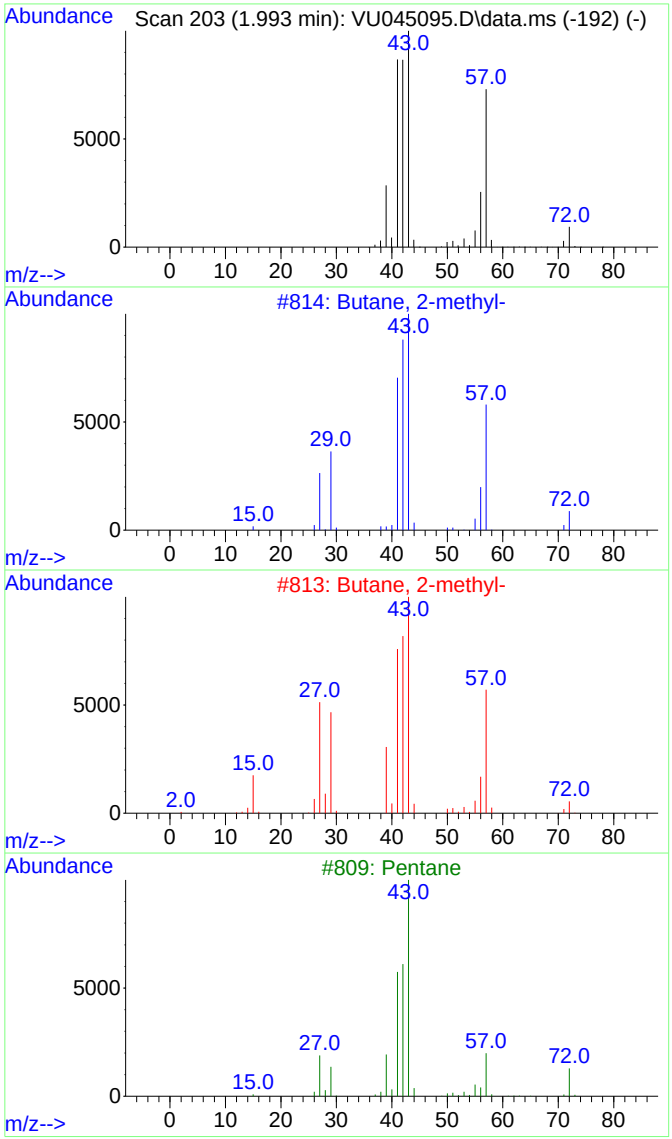
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

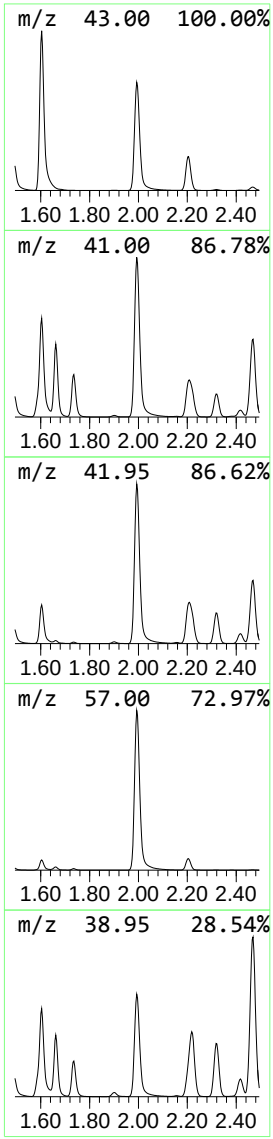
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.993	2402.86 ug/L	30945700	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	80
3	Pentane	72	C5H12	000109-66-0	47
4	Pentane	72	C5H12	000109-66-0	45
5	3-Buten-1-ol	72	C4H8O	000627-27-0	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

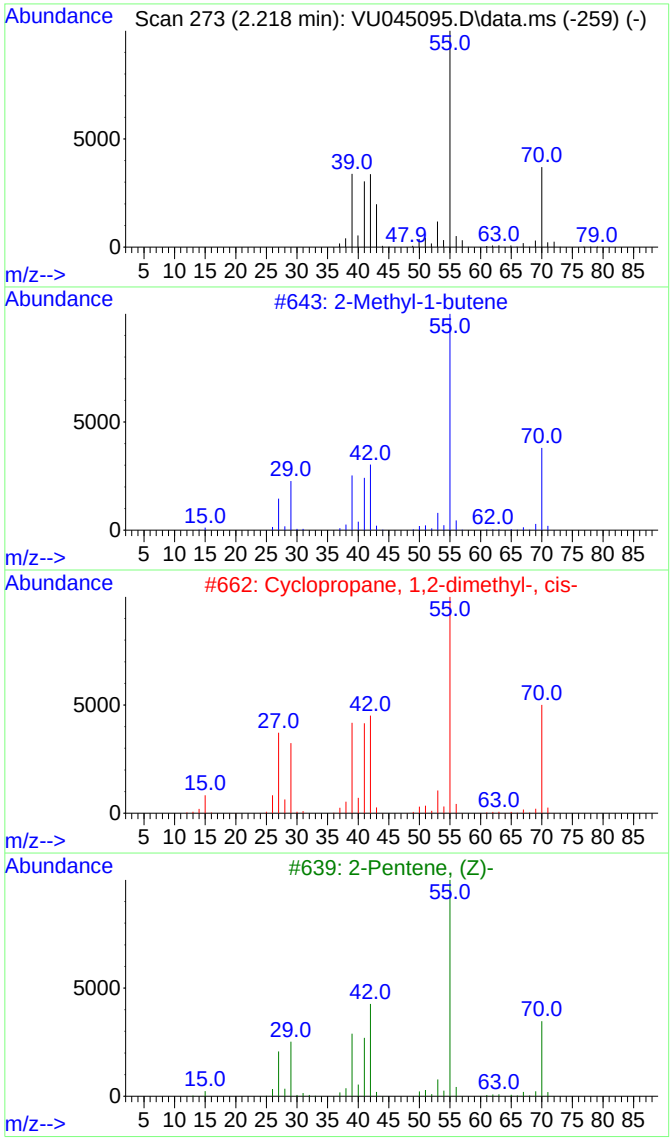
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

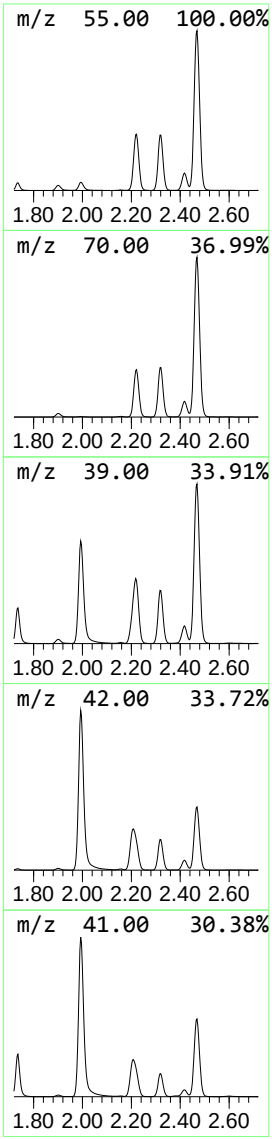
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.218	1164.73 ug/L	15000200	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	90
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
4	2-Methyl-1-butene	70	C5H10	000563-46-2	90
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

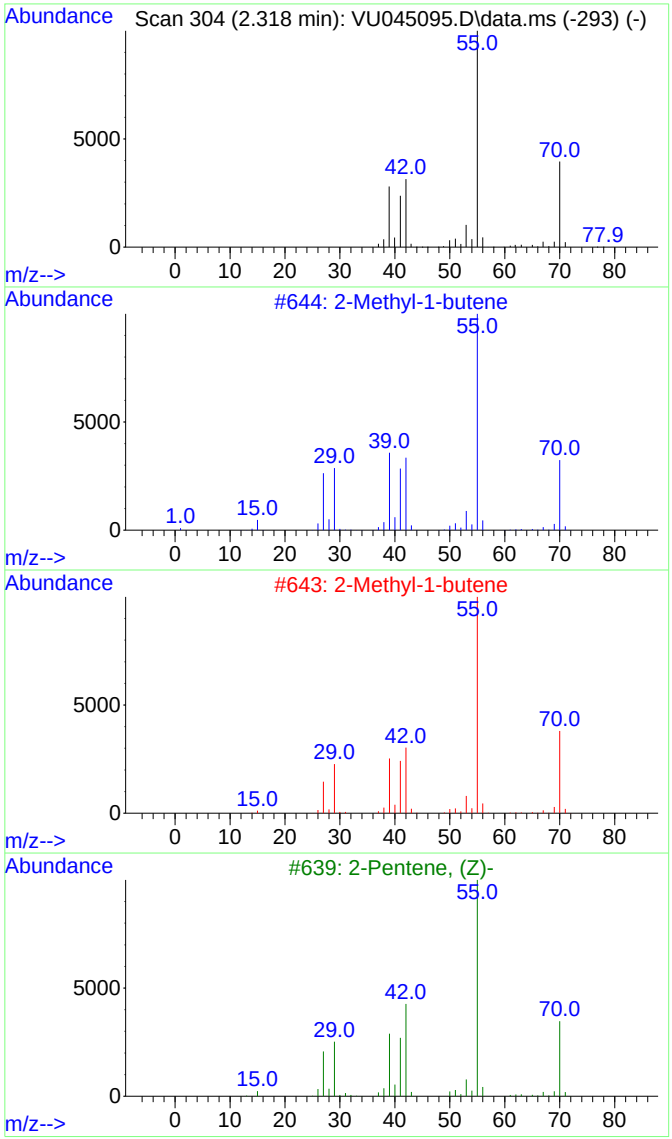
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

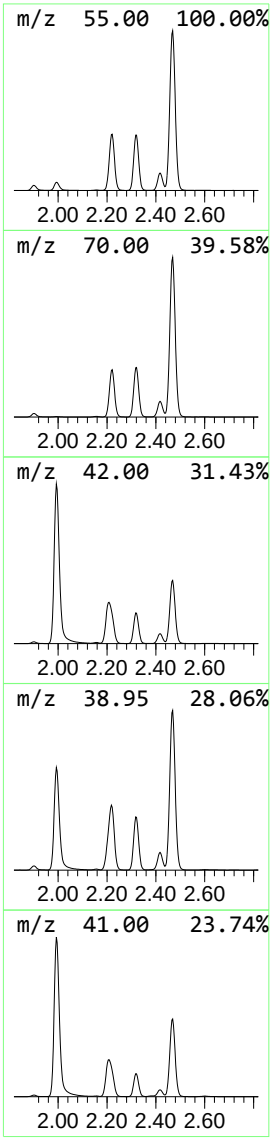
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.318	723.38 ug/L	9316190	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	91
2	2-Methyl-1-butene	70	C5H10	000563-46-2	91
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
4	2-Pentene, (E)-	70	C5H10	000646-04-8	90
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

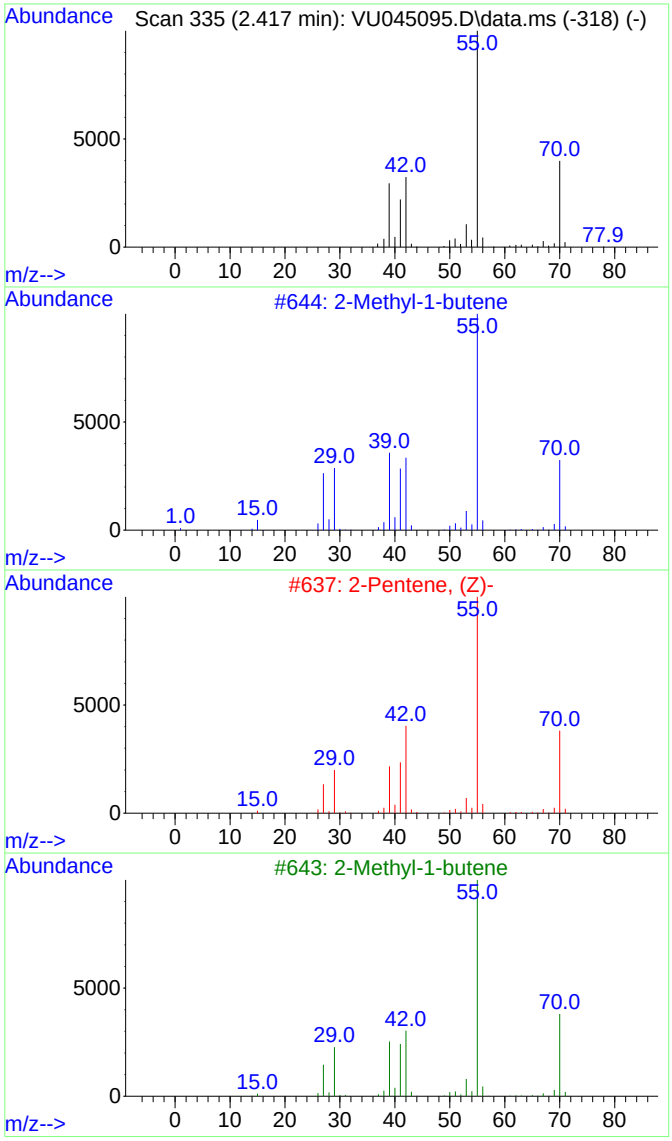
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

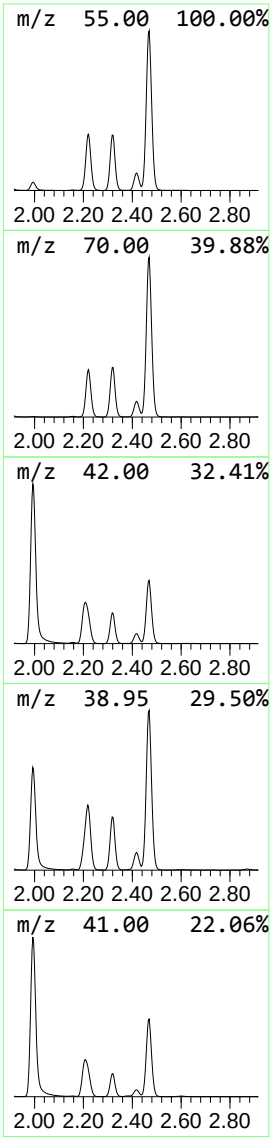
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.417	233.93 ug/L	3012670	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	91
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
3	2-Methyl-1-butene	70	C5H10	000563-46-2	90
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

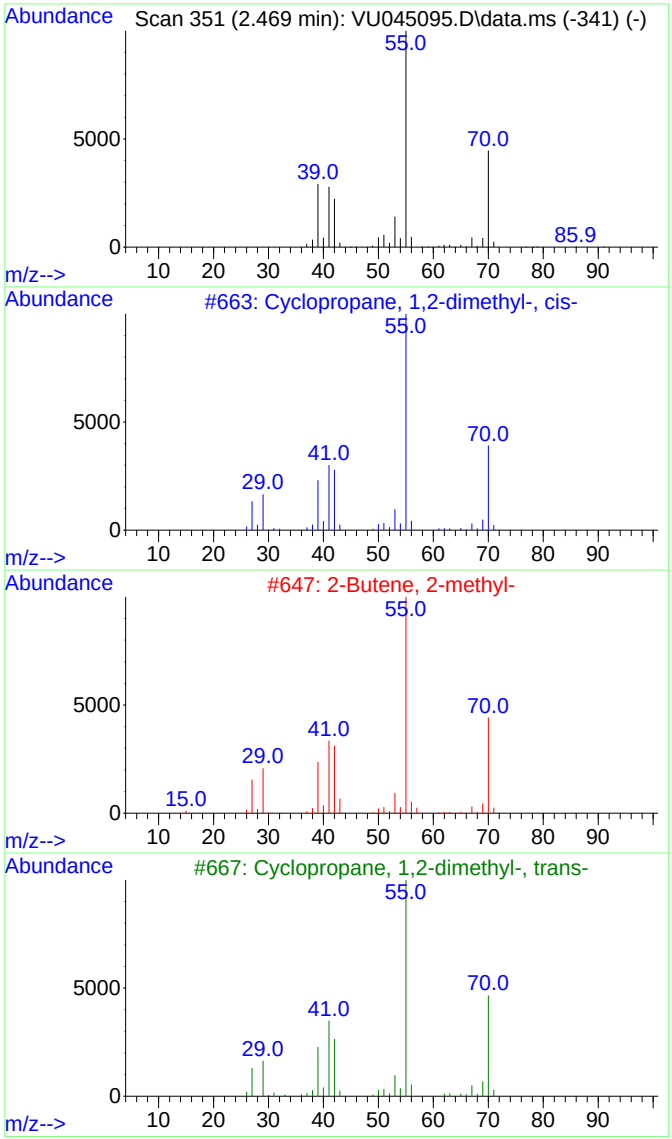
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

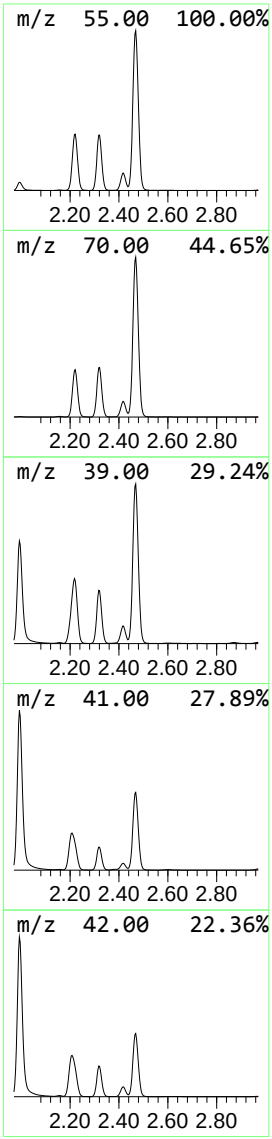
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic2.469 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.469	2374.42 ug/L	30579400	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

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

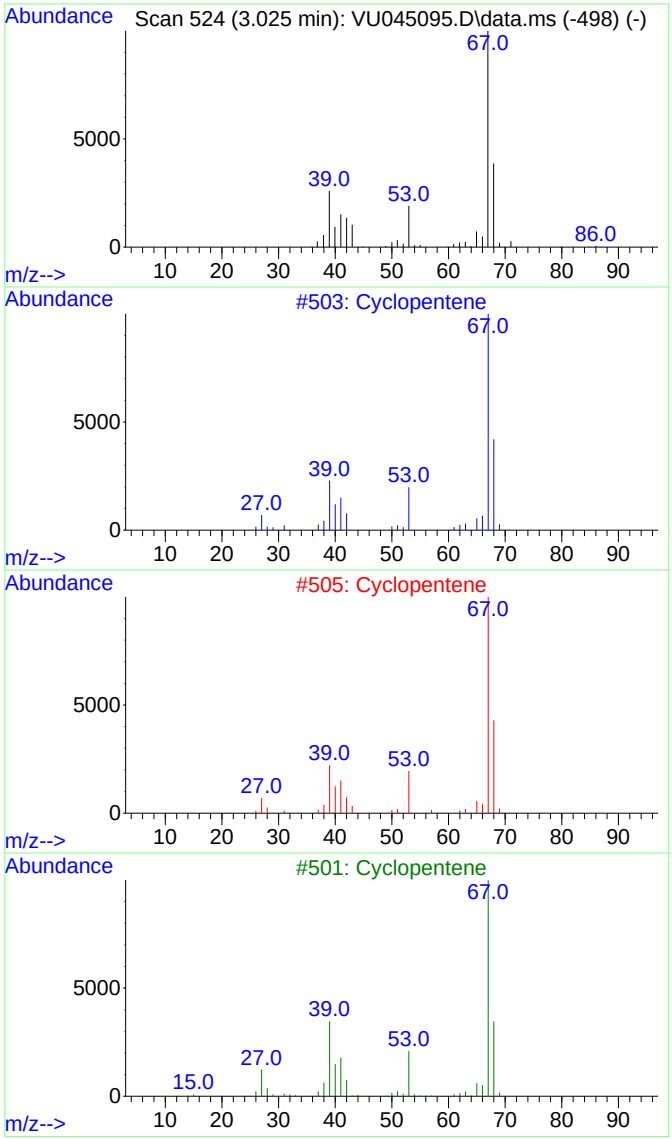
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

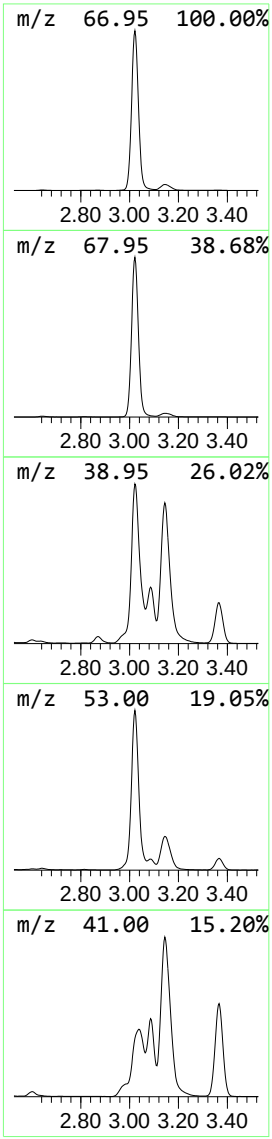
****

Peak Number 9 Cyclopentene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.025	710.16 ug/L	9145940	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopentene	68	C5H8	000142-29-0	91
3	Cyclopentene	68	C5H8	000142-29-0	91
4	Cyclopentene	68	C5H8	000142-29-0	91
5	Cyclopentene	68	C5H8	000142-29-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

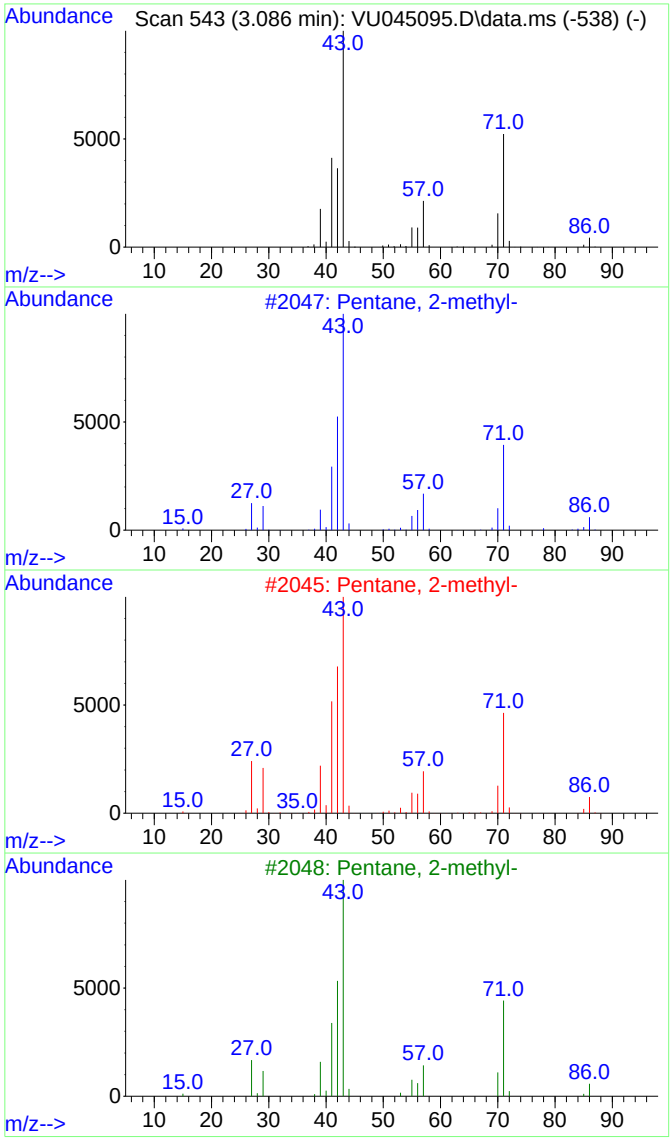
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

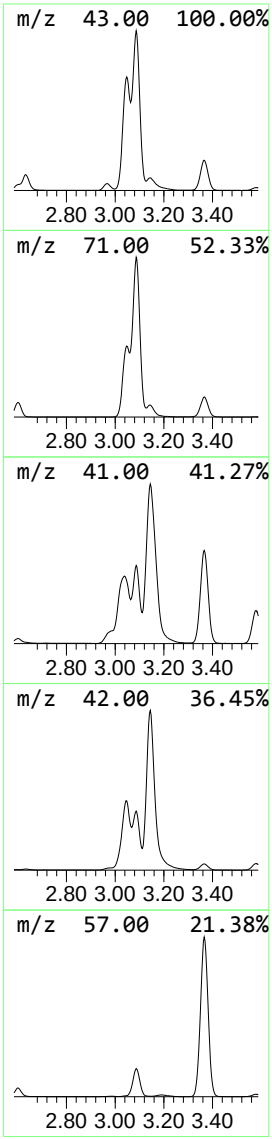
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.086	257.62 ug/L	3317830	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	74
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
4	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	45
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

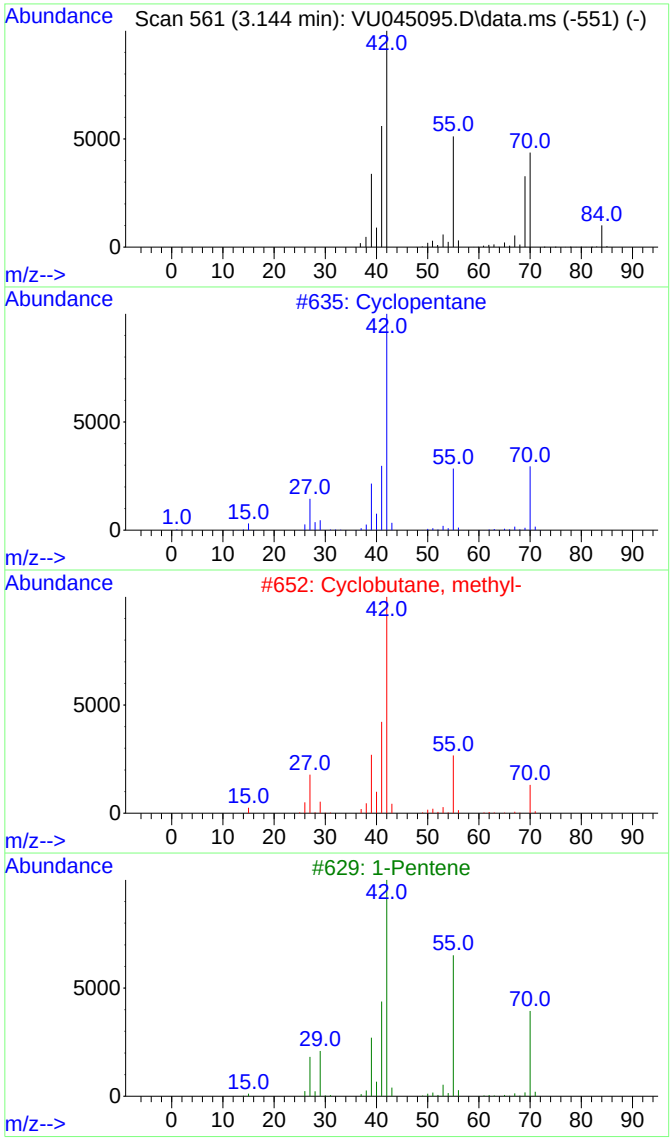
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

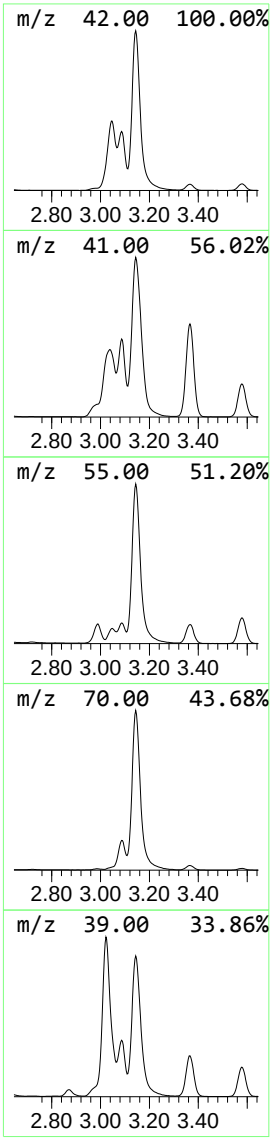
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic3.144 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.144	648.34 ug/L	8349820	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	72
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
3	1-Pentene	70	C5H10	000109-67-1	72
4	1-Pentene	70	C5H10	000109-67-1	64
5	1-Pentene	70	C5H10	000109-67-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

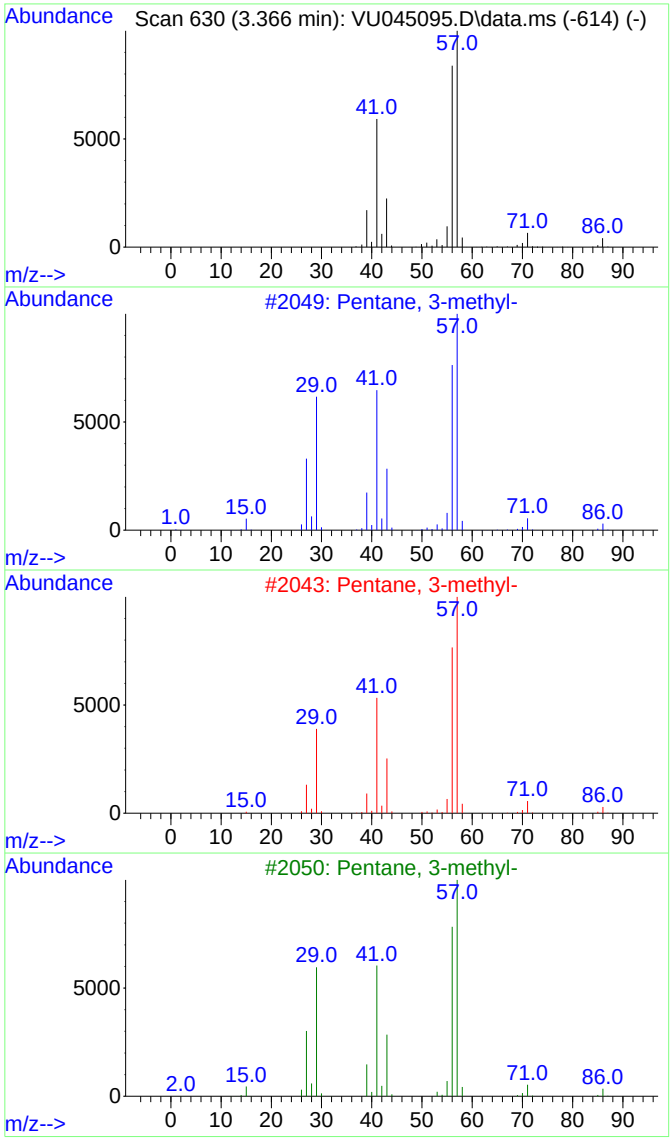
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

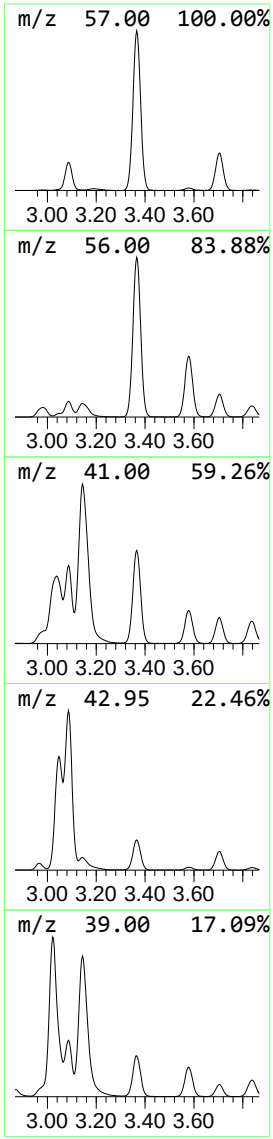
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.366	265.94 ug/L	3424960	1,4-Difluorobenzene	6.256

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	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

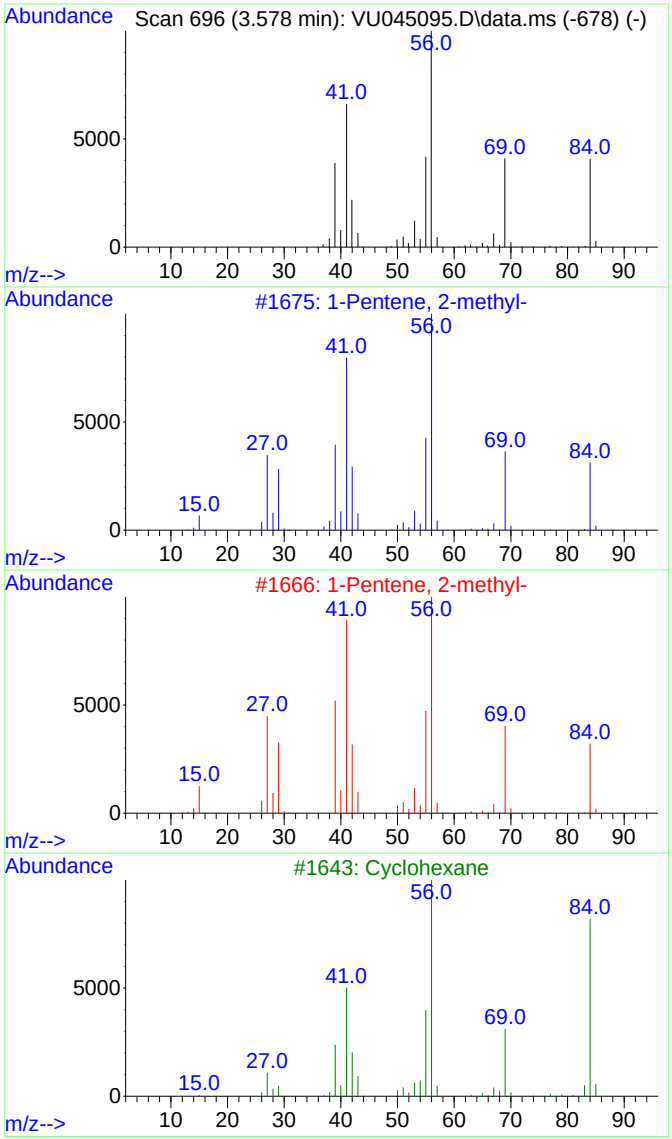
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

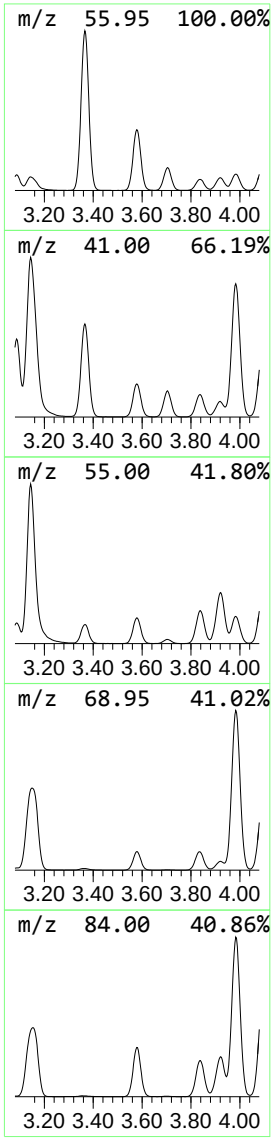
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.578	108.30 ug/L	1394740	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
3	Cyclohexane	84	C6H12	000110-82-7	72
4	Cyclohexane	84	C6H12	000110-82-7	59
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	53





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

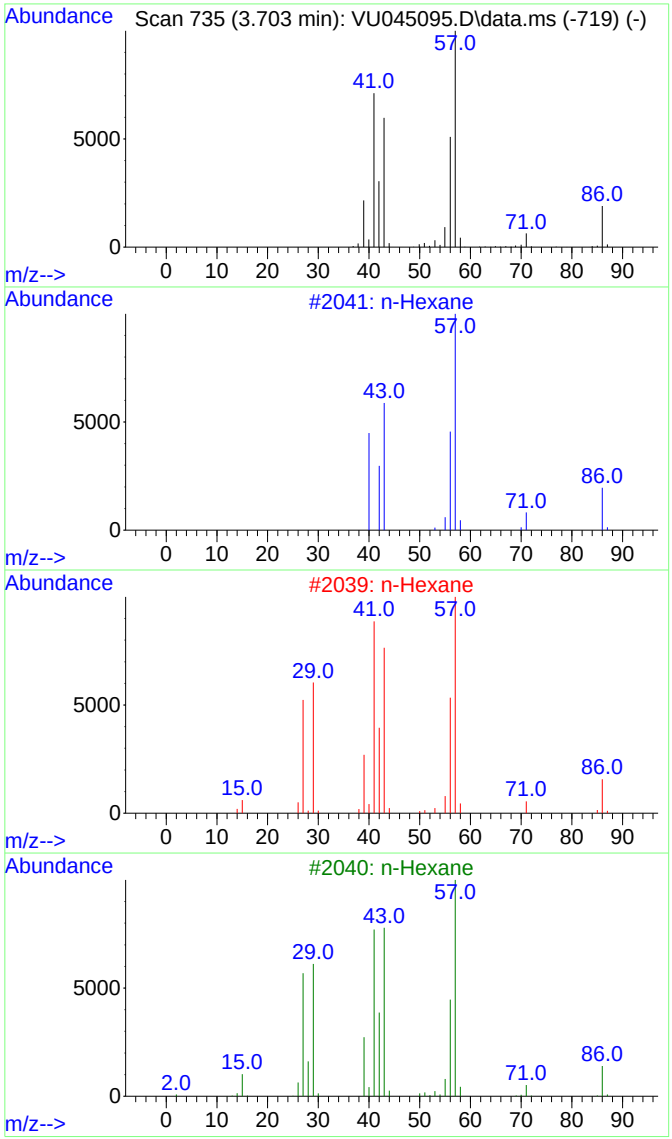
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

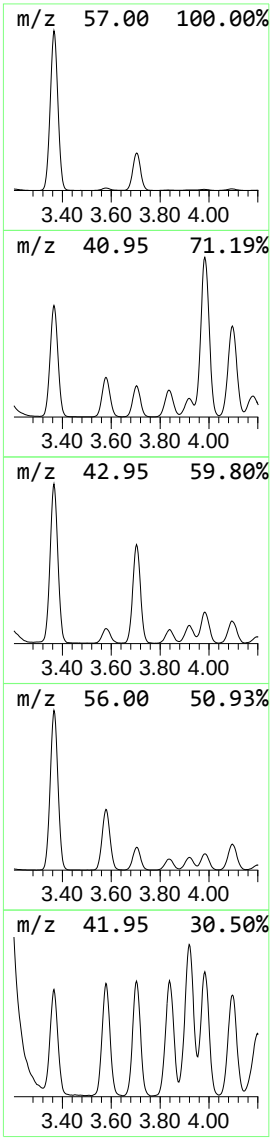
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.703	73.50 ug/L	946569	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	87
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	64
4	n-Hexane	86	C6H14	000110-54-3	59
5	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

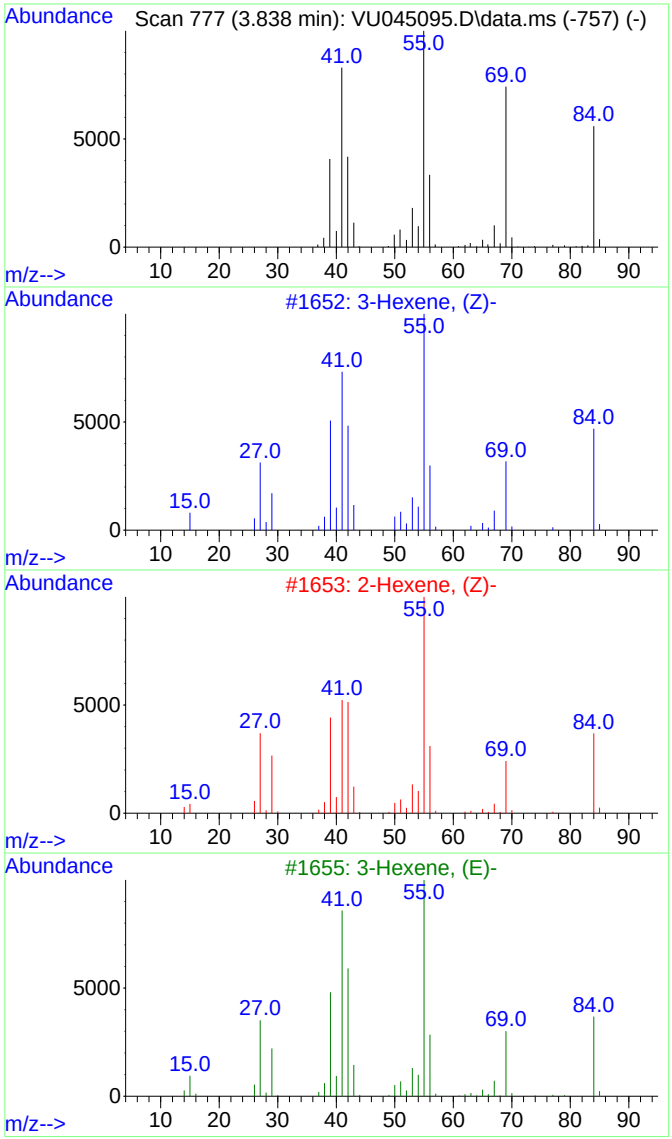
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

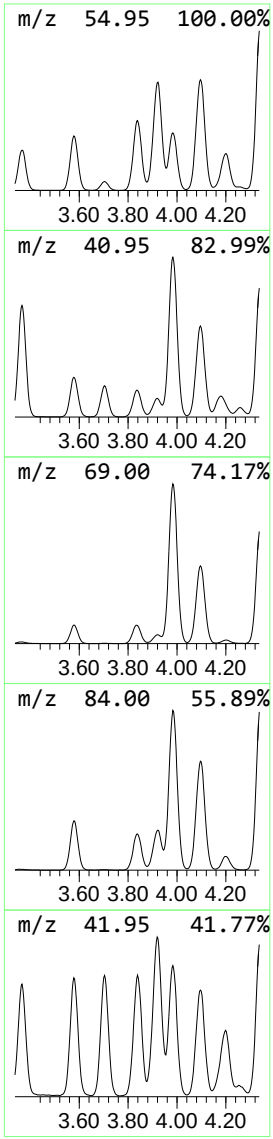
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.838	79.33 ug/L	1021700	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (Z)-	84	C6H12	007642-09-3	93
2	2-Hexene, (Z)-	84	C6H12	007688-21-3	70
3	3-Hexene, (E)-	84	C6H12	013269-52-8	70
4	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	64
5	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

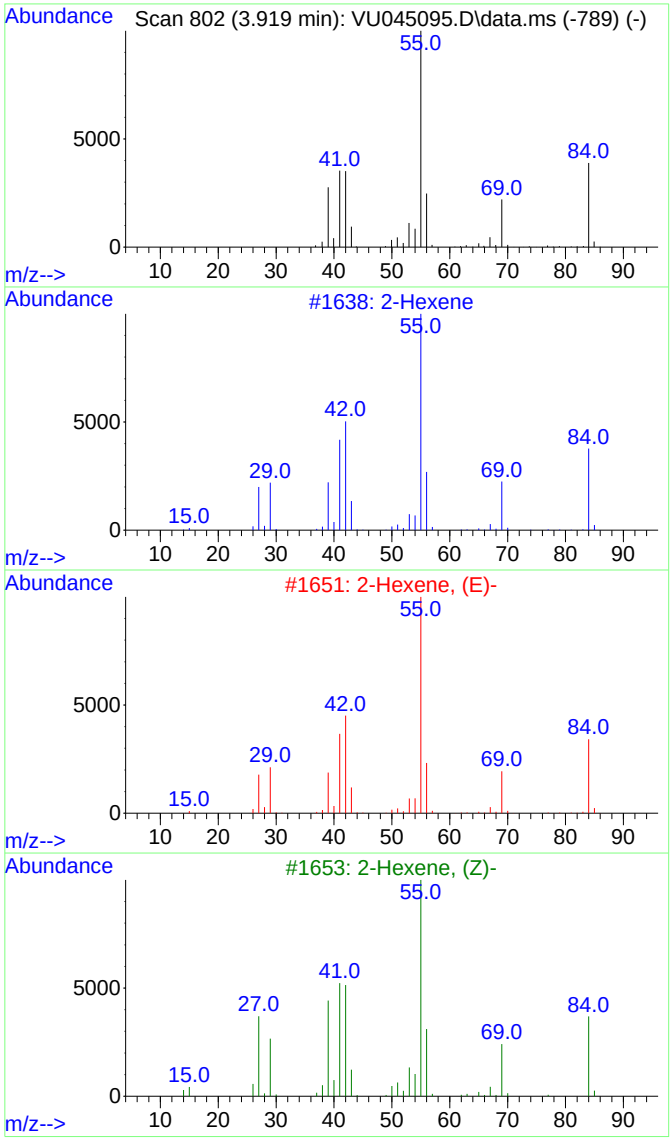
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

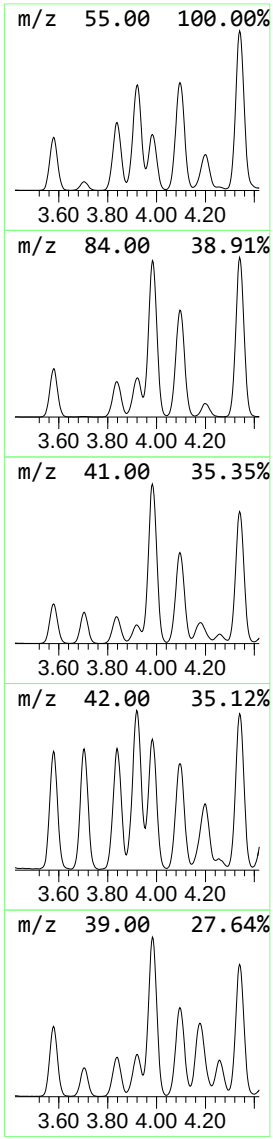
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.919	80.99 ug/L	1043060	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene	84	C6H12	000592-43-8	91
2	2-Hexene, (E)-	84	C6H12	004050-45-7	91
3	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

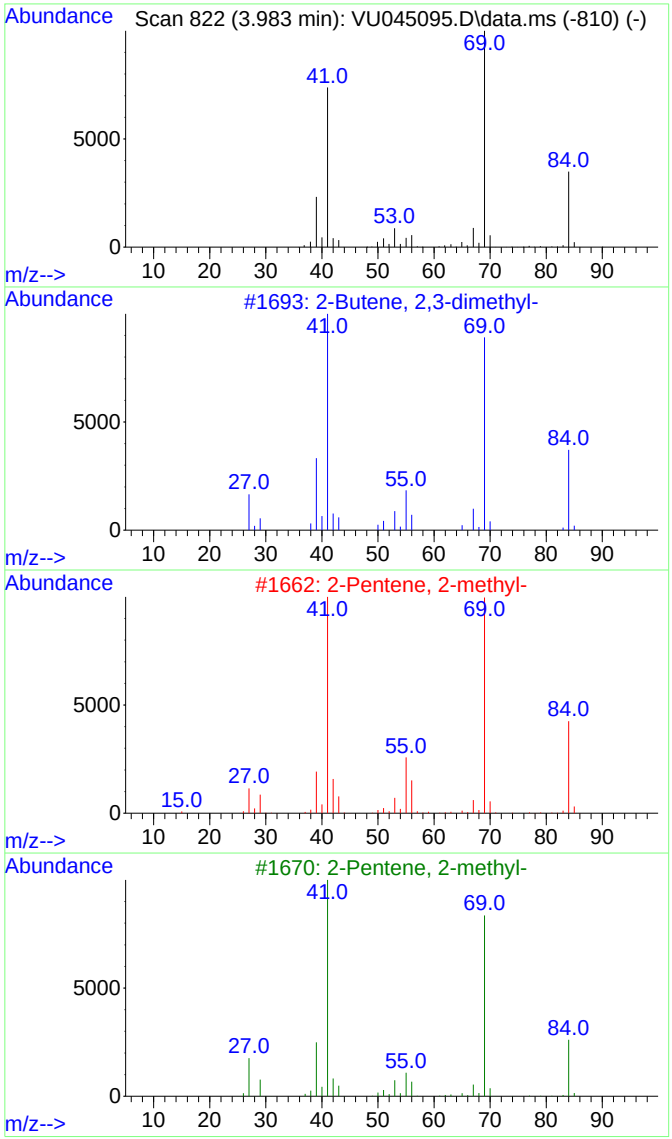
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

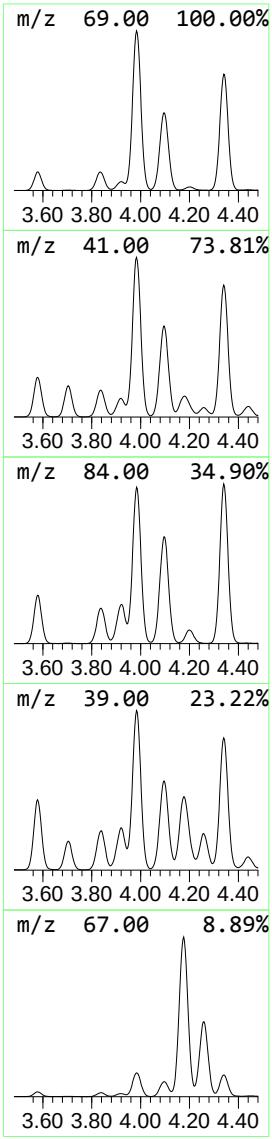
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.983	317.14 ug/L	4084410	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	91
2	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86
3	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86
4	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	86
5	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	86





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

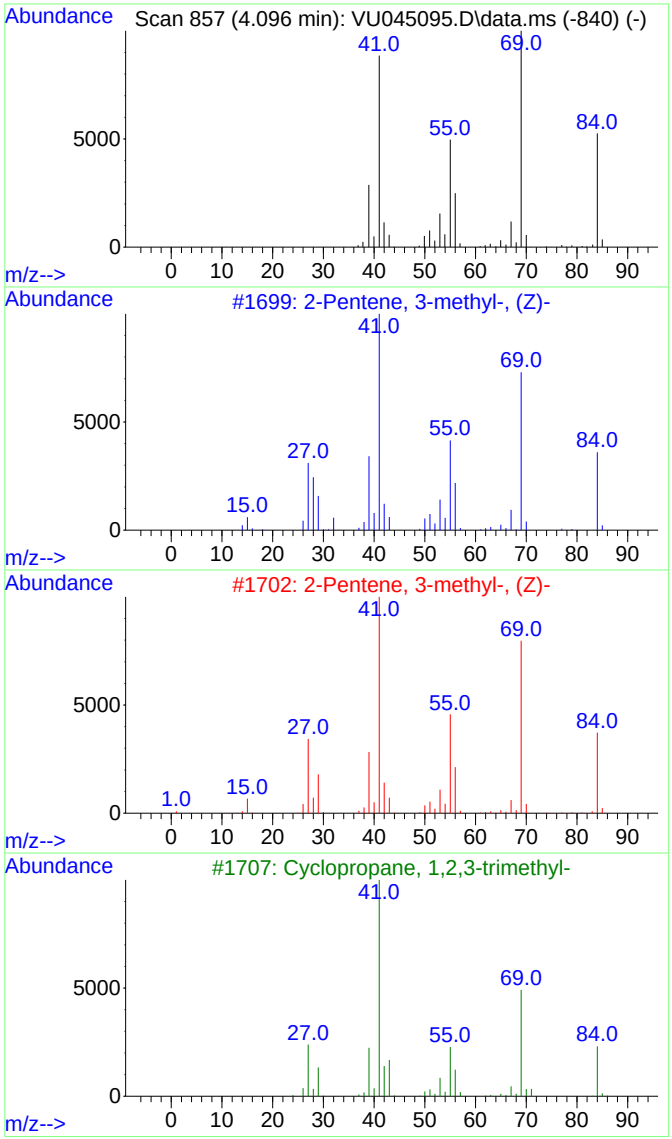
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

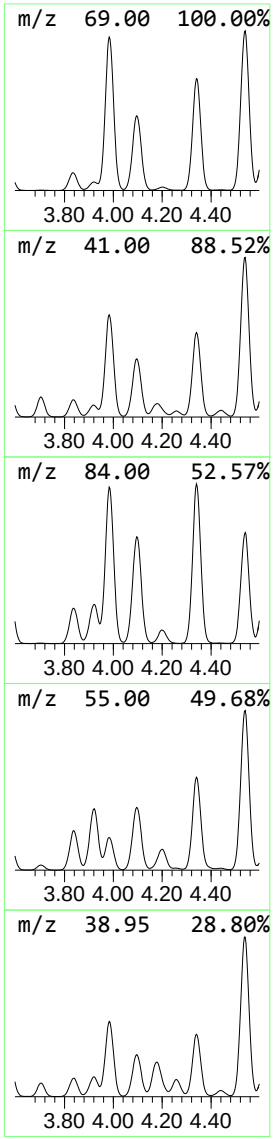
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.096	220.66 ug/L	2841750	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	95
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
3	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	91





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4A14

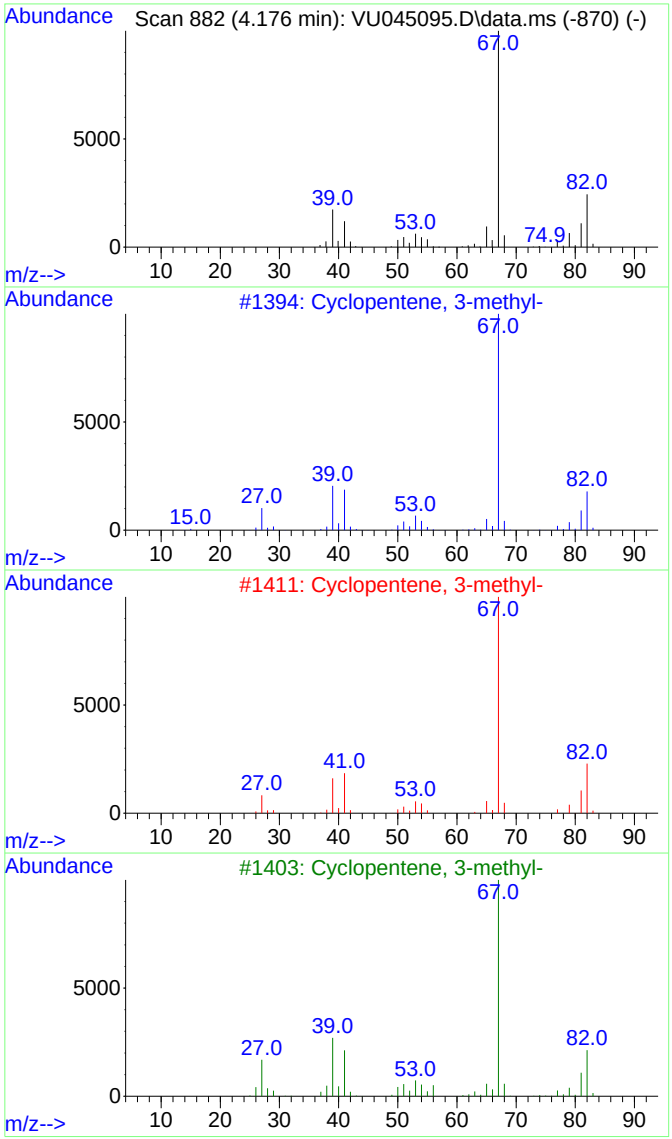
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

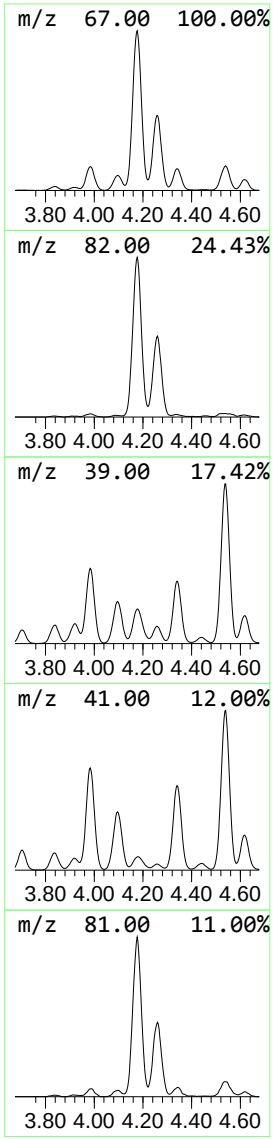
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclopentene, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.176	170.99 ug/L	2202090	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
4	Cyclopropane, 1,1-dimethyl-2-met...	82	C6H10	004372-94-5	90
5	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	87





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

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

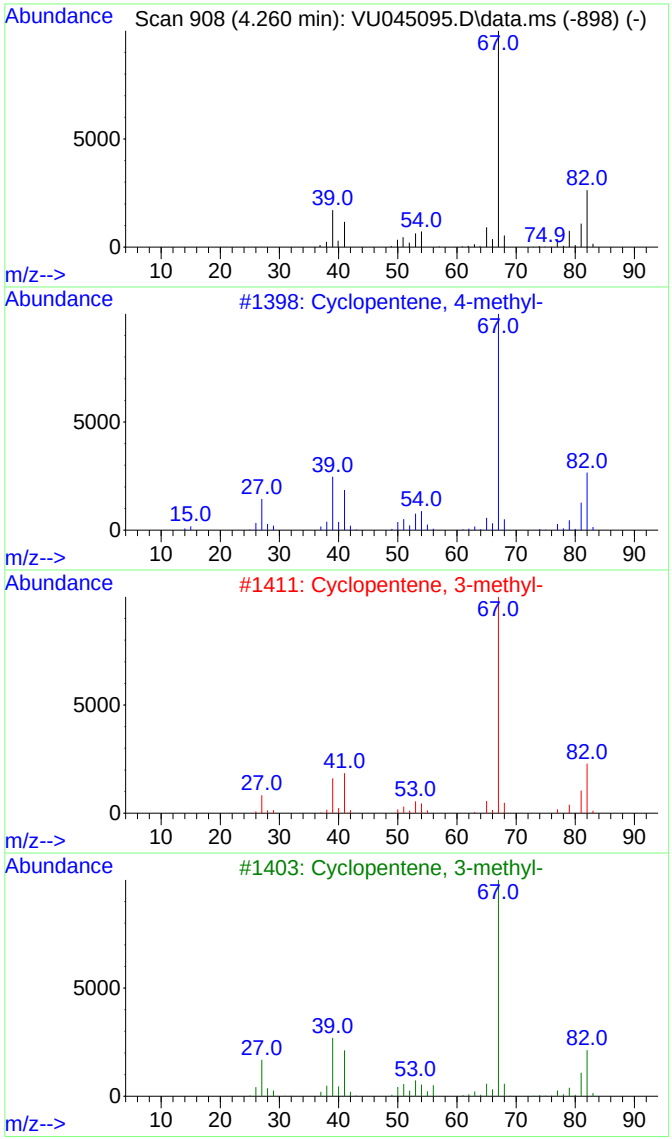
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

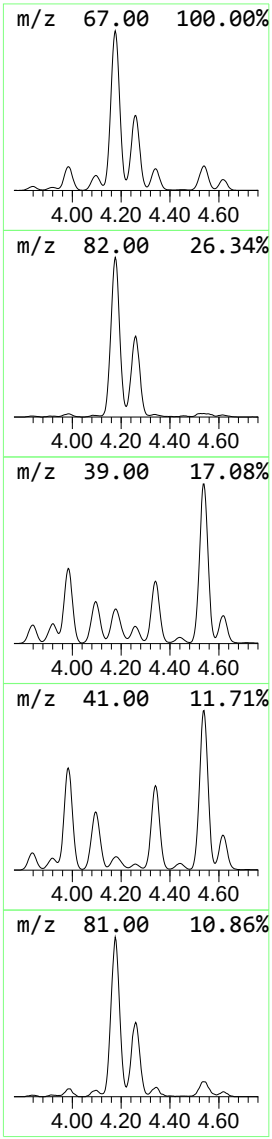
****

Peak Number 20 Cyclopentene, 4-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.260	70.87 ug/L	912652	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	91
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
5	Cyclopropane, 1,1-dimethyl-2-met...	82	C6H10	004372-94-5	83





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

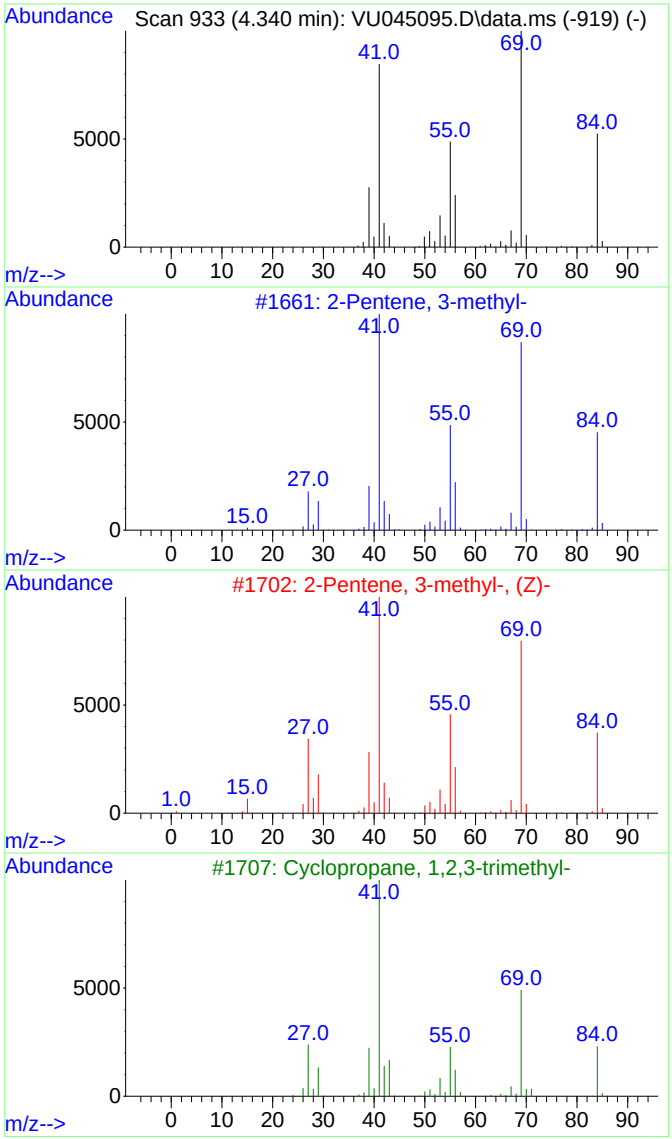
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

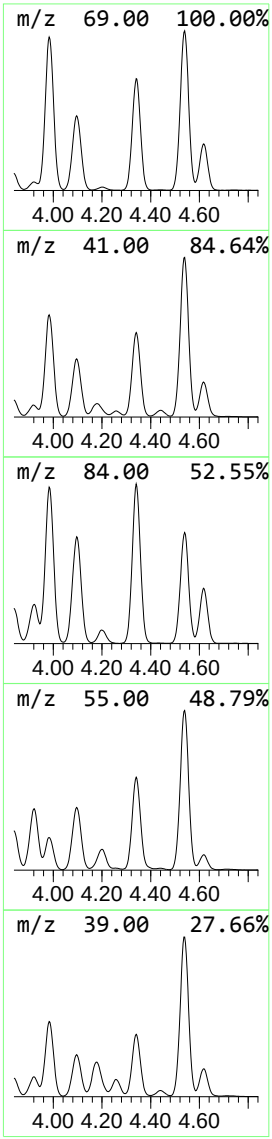
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.340	308.94 ug/L	3978720	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	94
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
3	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91





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Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

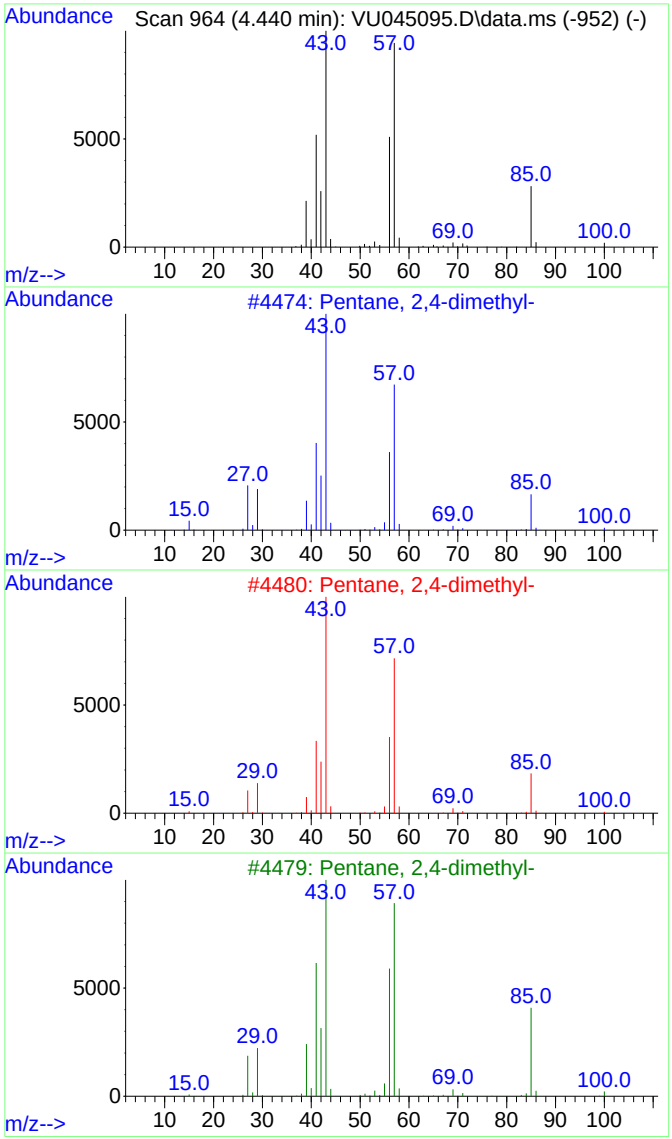
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

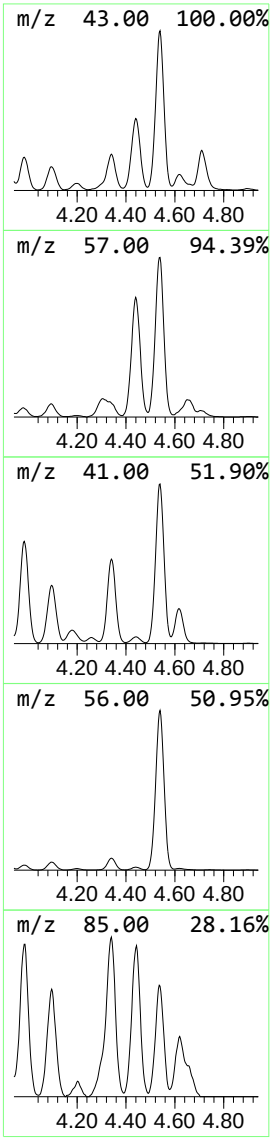
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.440	37.66 ug/L	485012	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	87
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	74
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	72
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





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Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

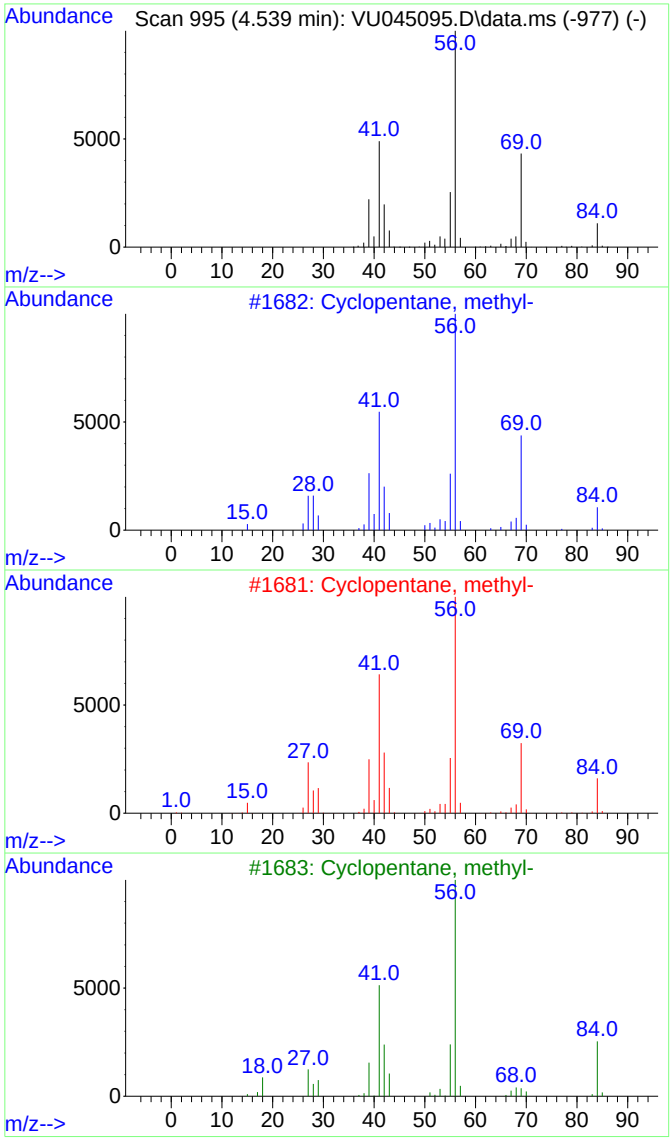
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

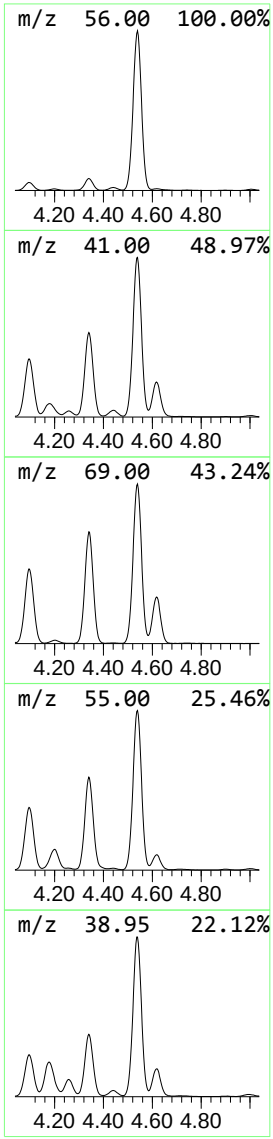
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic4.539 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.539	759.86 ug/L	9786050	1,4-Difluorobenzene	6.256

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	87
4	Cyclohexane	84	C6H12	000110-82-7	83
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

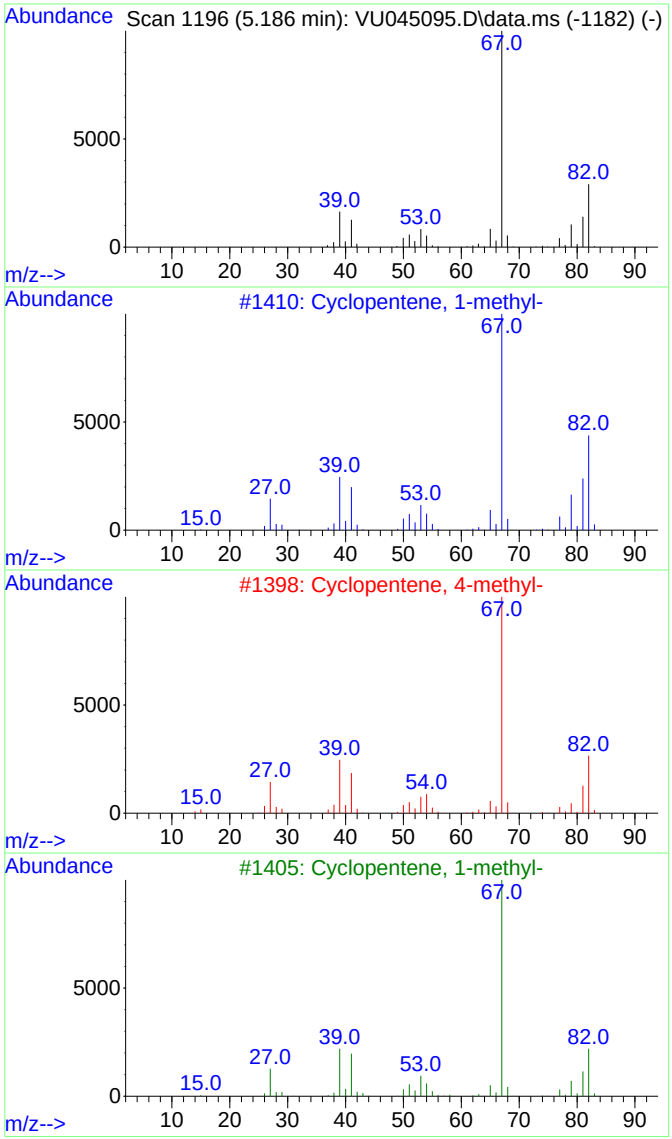
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

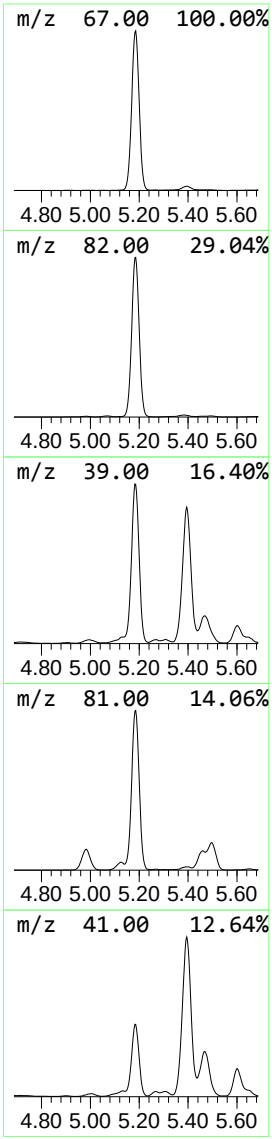
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Cyclopentene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.186	408.92 ug/L	5266380	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
2	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	90
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

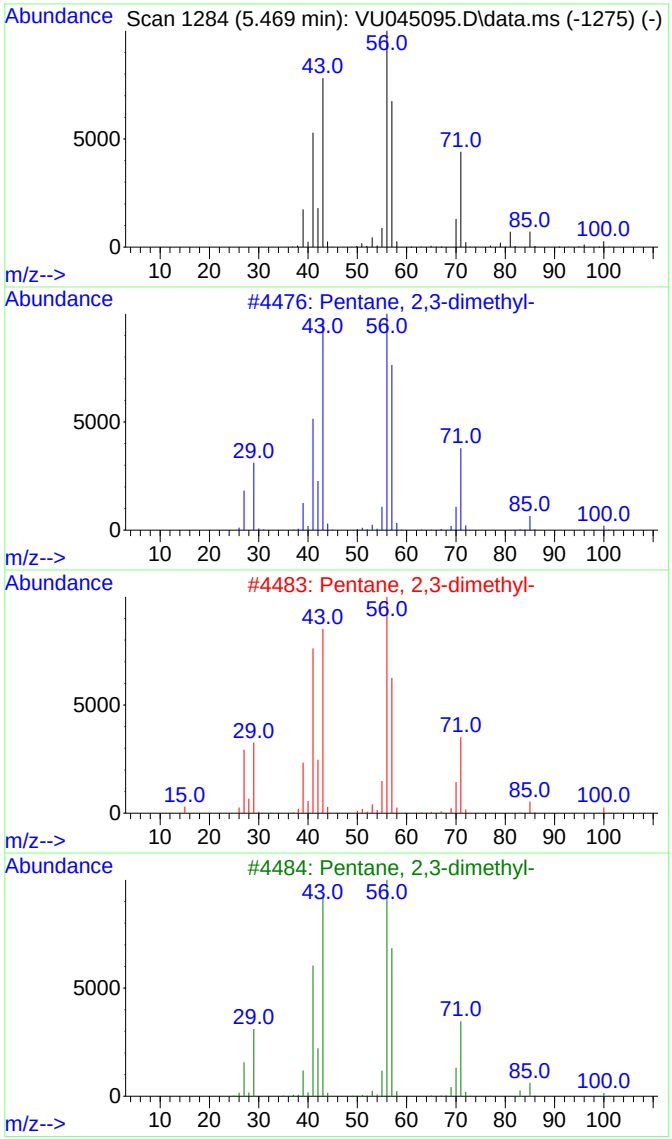
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

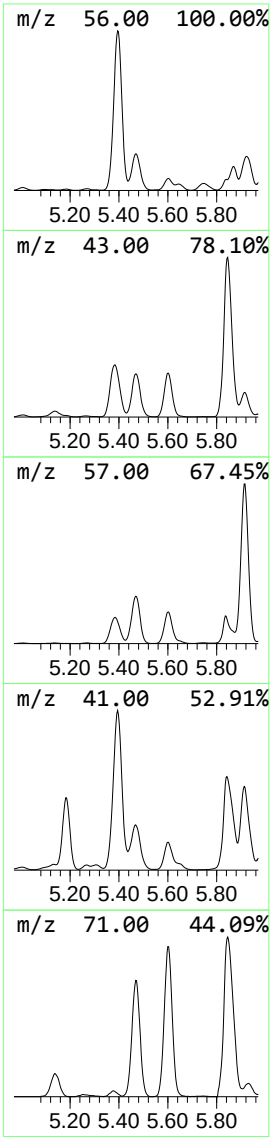
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.469	125.84 ug/L	1620690	1,4-Difluorobenzene	6.256

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	87
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	37





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

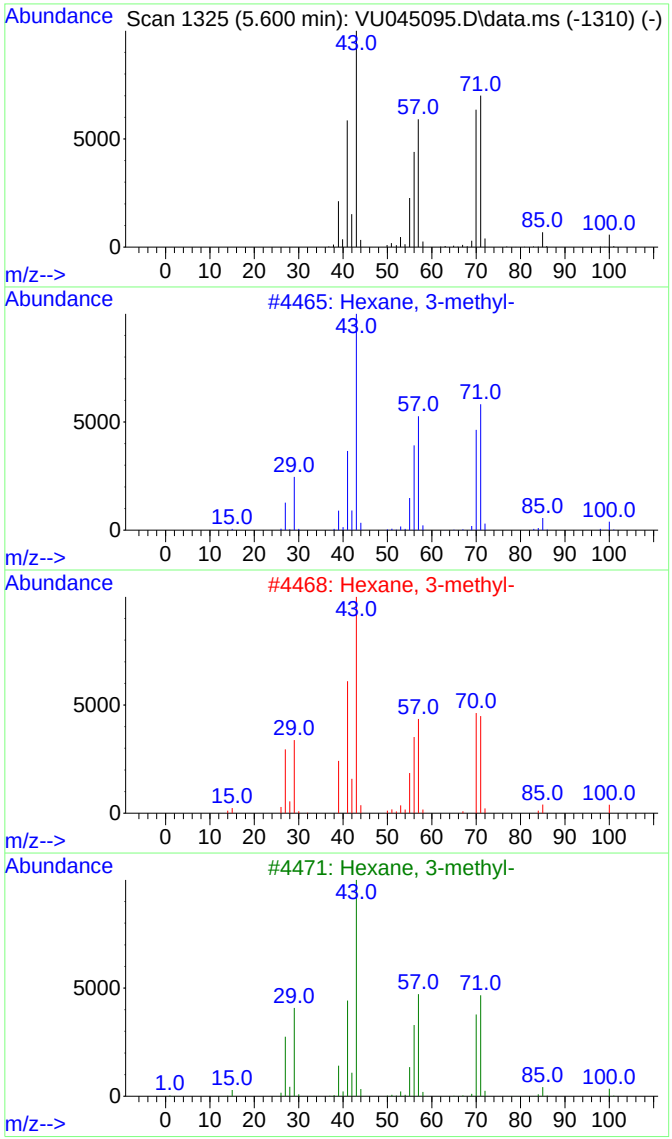
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

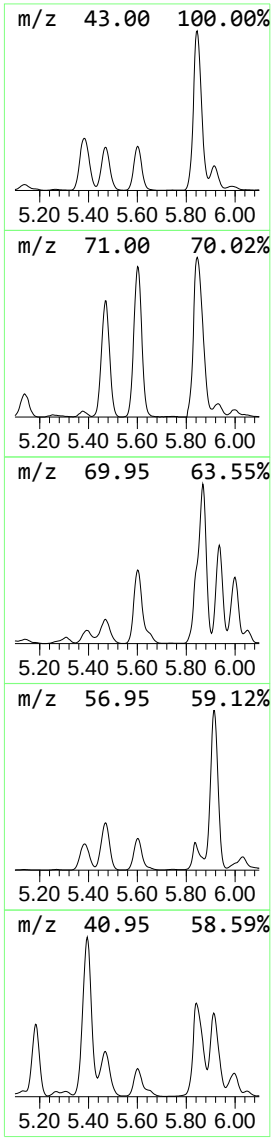
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.600	93.74 ug/L	1207210	1,4-Difluorobenzene	6.256

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	90
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	59





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

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

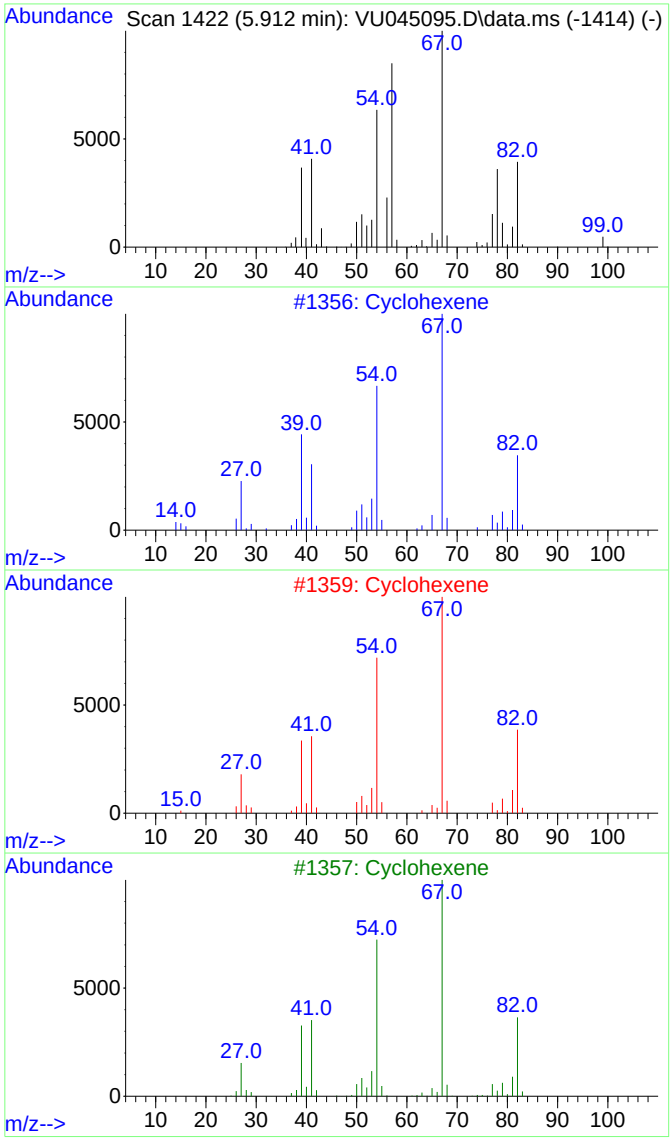
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

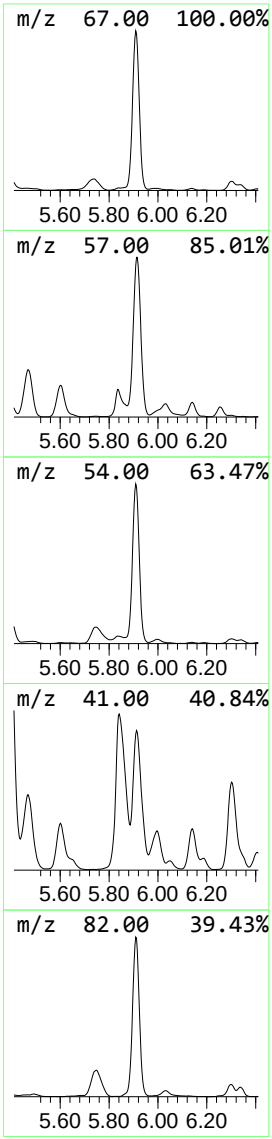
****

Peak Number 27 2,4-Hexadiene, (E,E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.912	330.36 ug/L	4254550	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	64
2	Cyclohexene	82	C6H10	000110-83-8	64
3	Cyclohexene	82	C6H10	000110-83-8	58
4	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	55
5	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

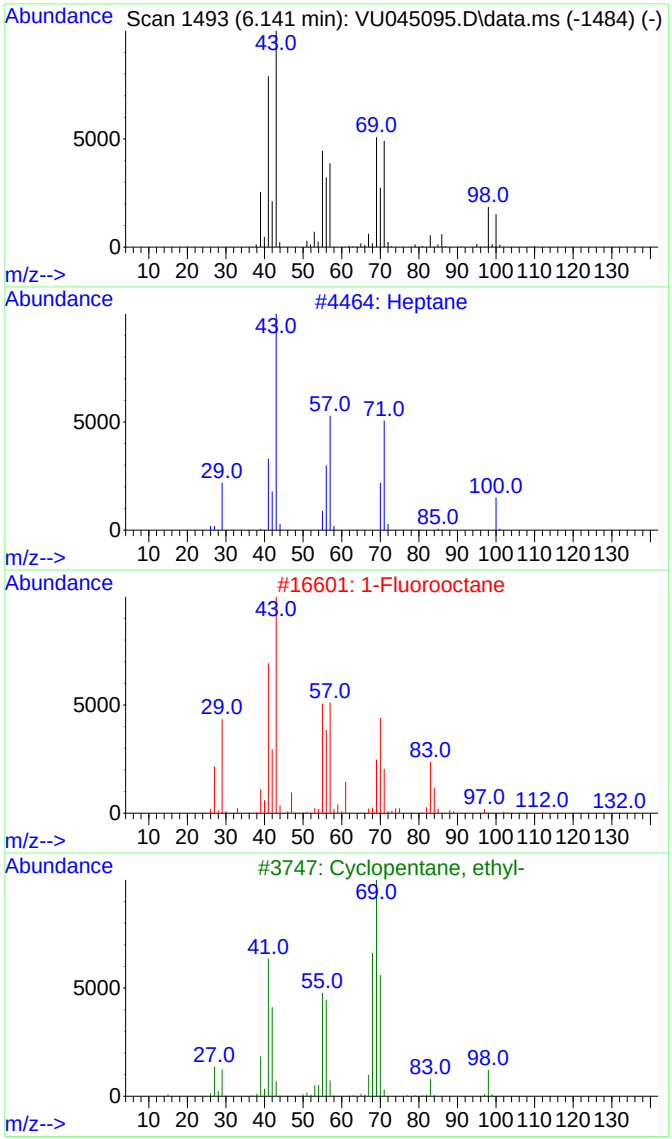
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

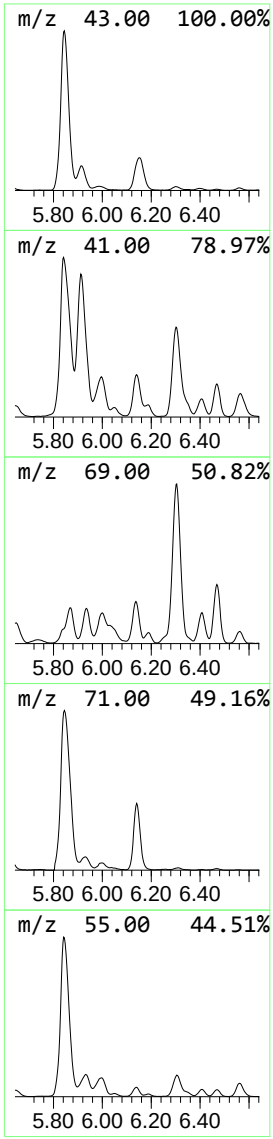
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.141	70.27 ug/L	905005	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	52
2	1-Fluorooctane	132	C8H17F	000463-11-6	43
3	Cyclopentane, ethyl-	98	C7H14	001640-89-7	43
4	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	43
5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	38





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

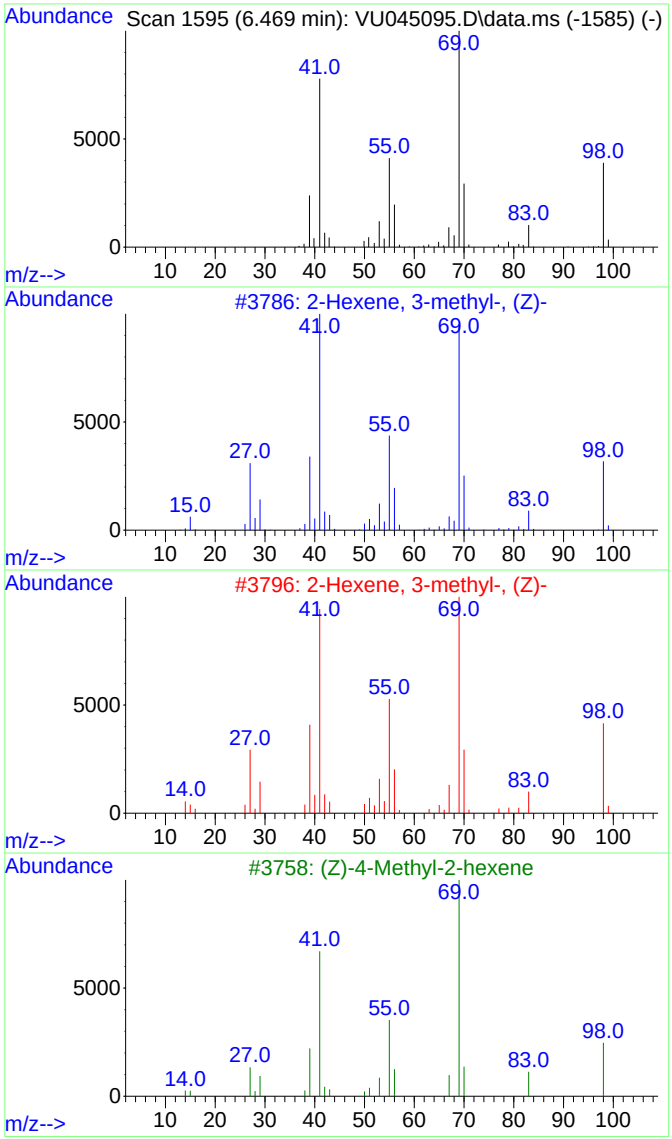
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

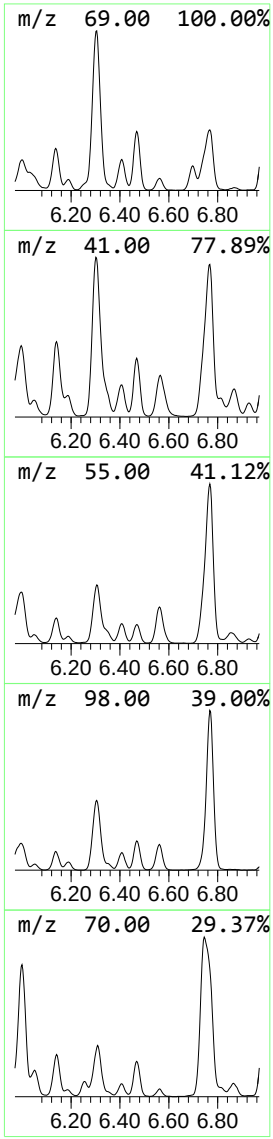
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.469	27.00 ug/L	347661	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	94
2	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	91
3	(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	83
4	3-Methyl-3-hexene	98	C7H14	003404-65-7	80
5	3-Methyl-3-hexene	98	C7H14	003404-65-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

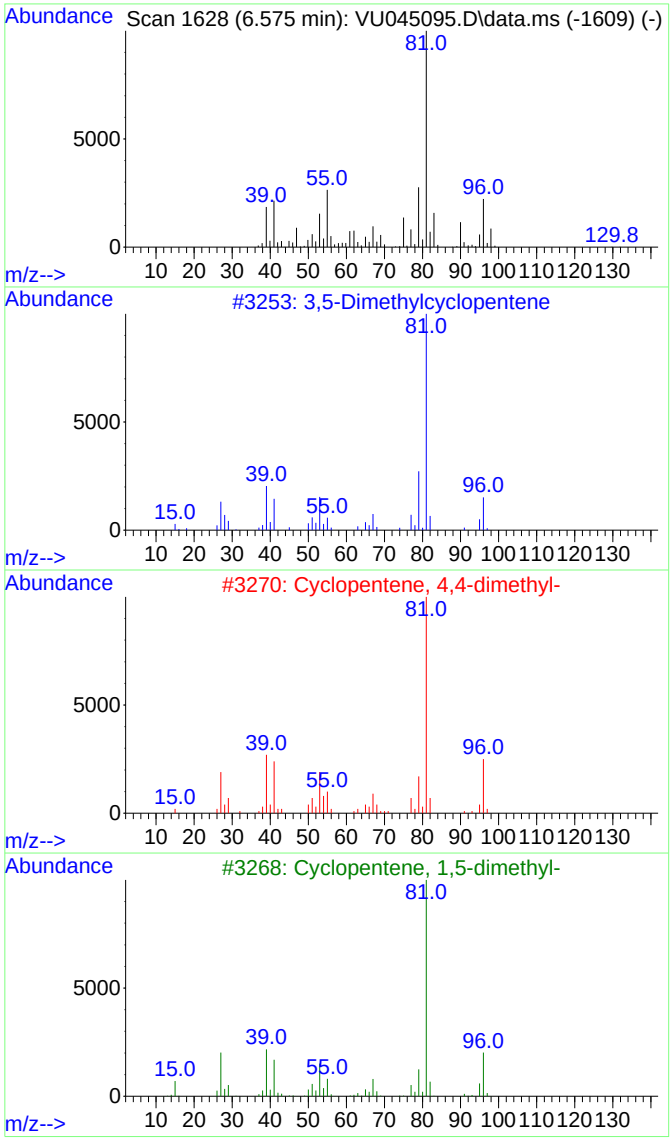
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

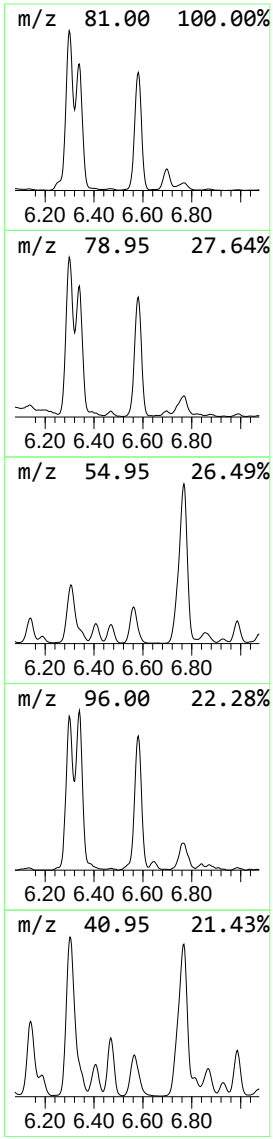
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 3,5-Dimethylcyclopentene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.575	73.91 ug/L	951809	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	76
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	70
3	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	70
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	52
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	52





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

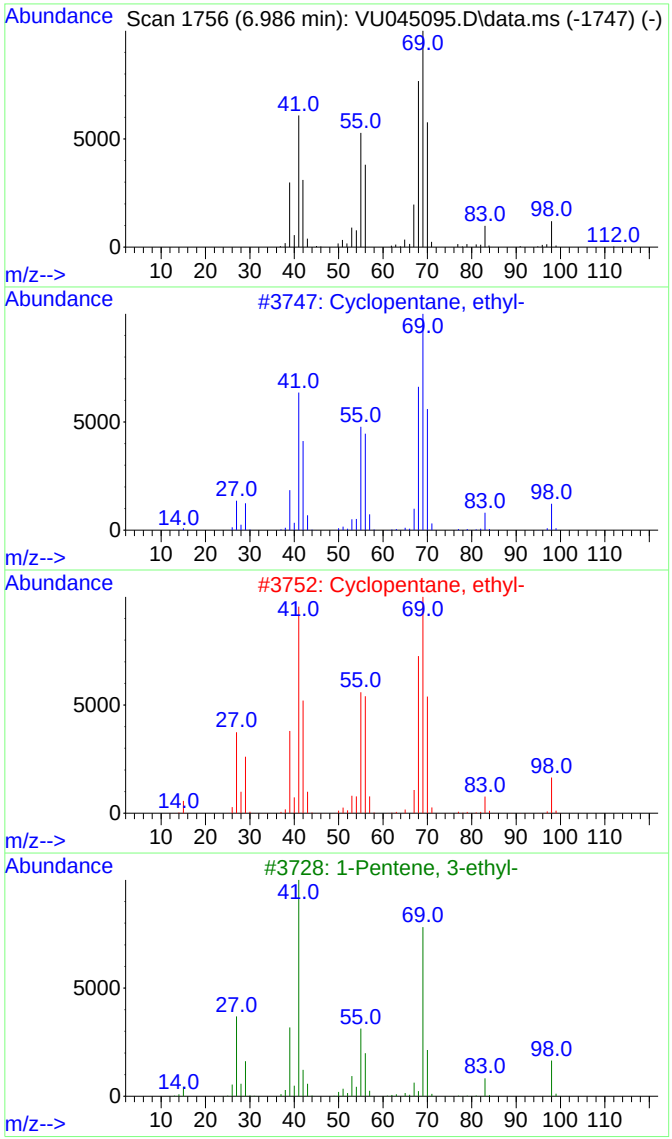
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

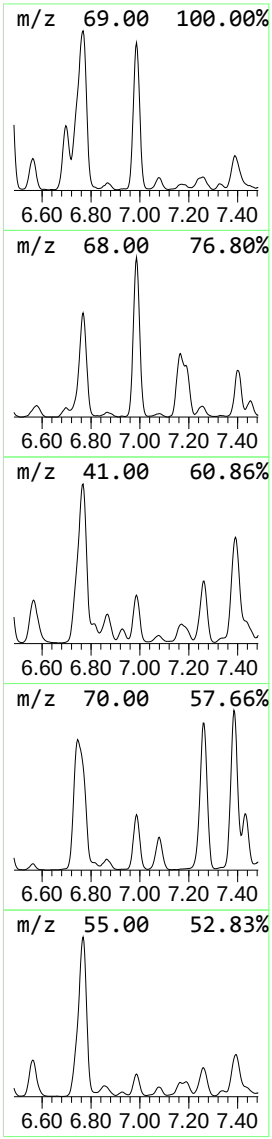
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Cyclic6.986 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.986	33.76 ug/L	434771	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	81
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	74
3	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43
4	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43
5	3-Methyl-2-hexene	98	C7H14	017618-77-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

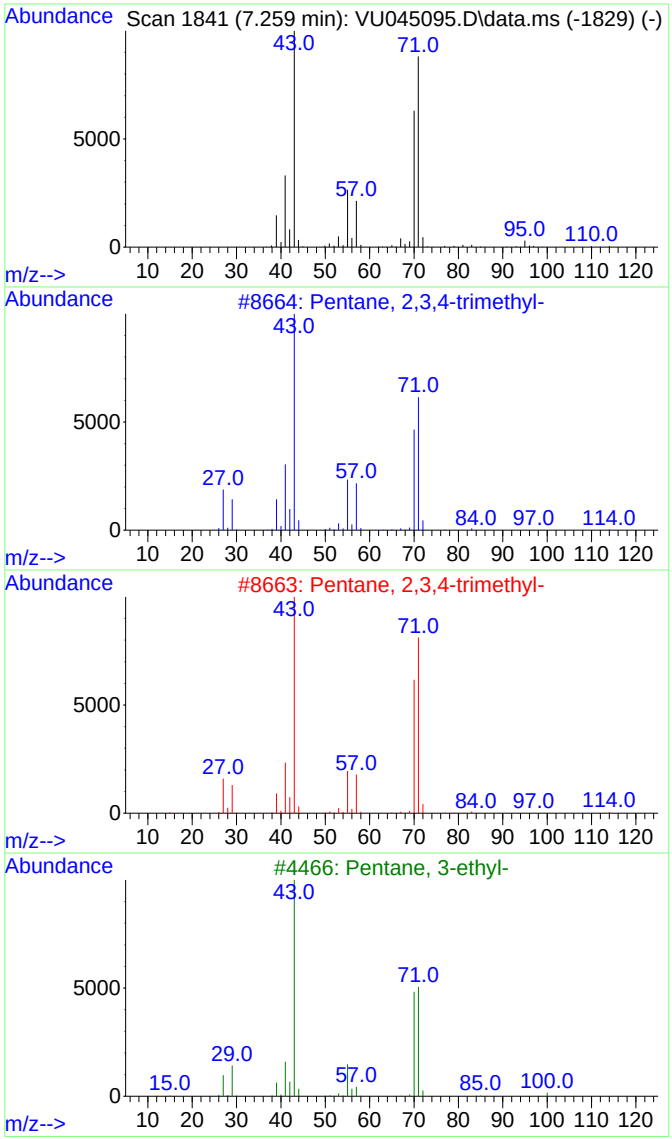
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

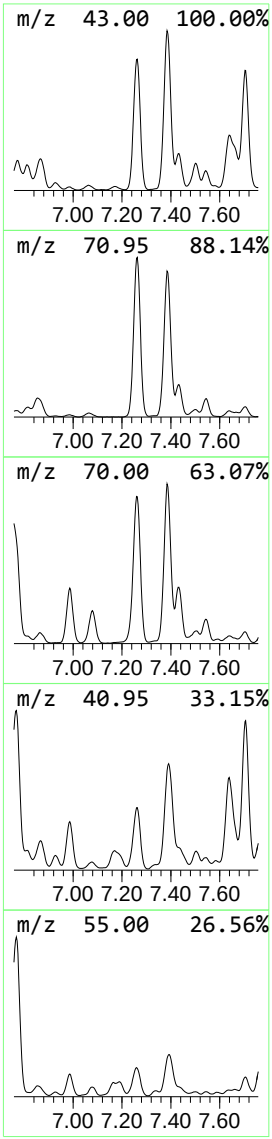
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.259	69.48 ug/L	894822	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

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

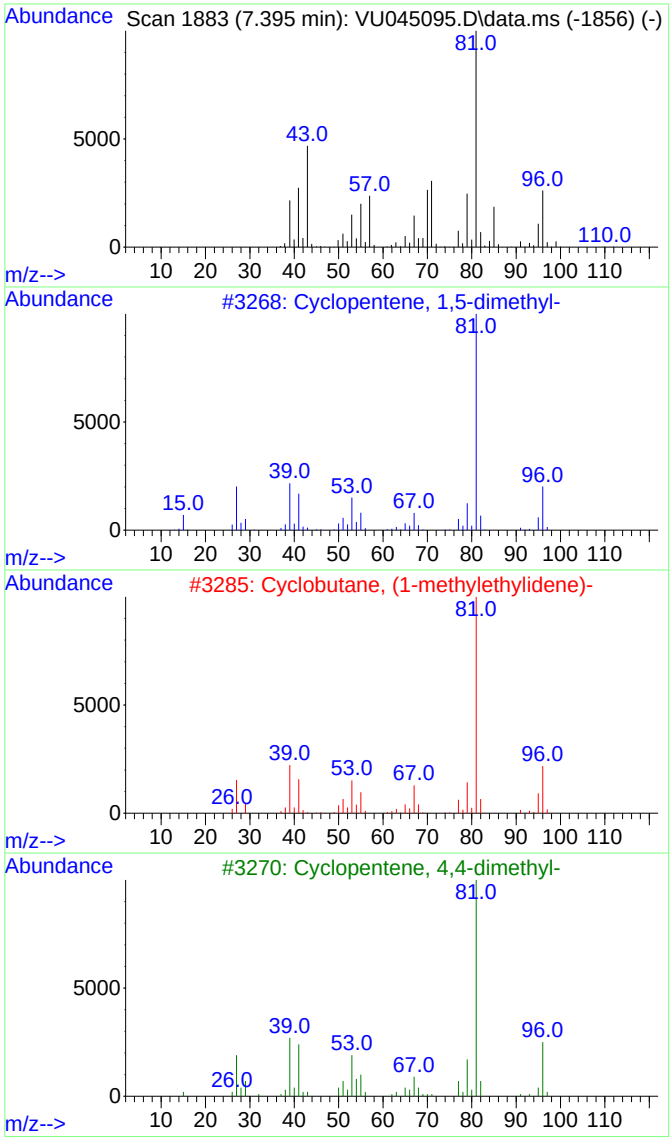
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

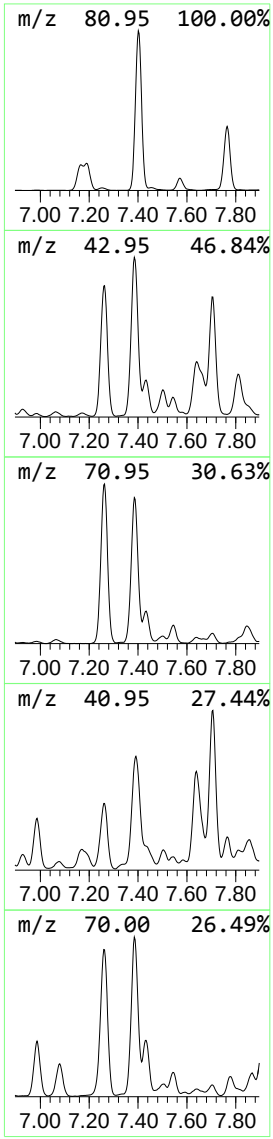
****

Peak Number 33 Cyclopentene, 1,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.395	224.33 ug/L	2889030	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	70
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	70
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	62
4	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	58
5	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	52





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

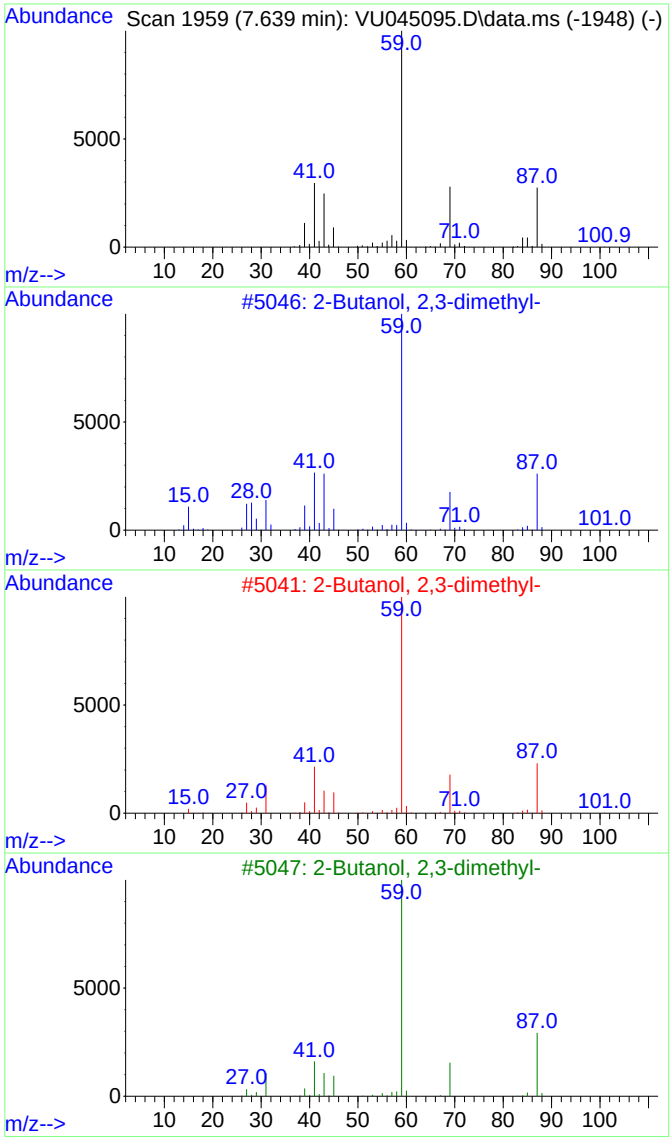
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

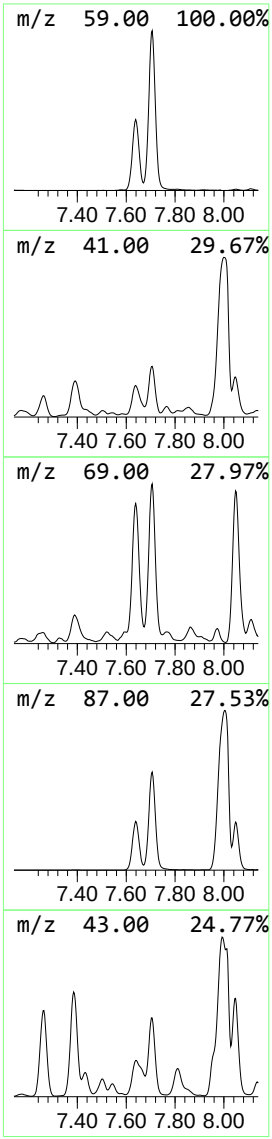
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 2-Butanol, 2,3-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.639	76.54 ug/L	985783	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	83
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	78
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	74
4	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	56
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

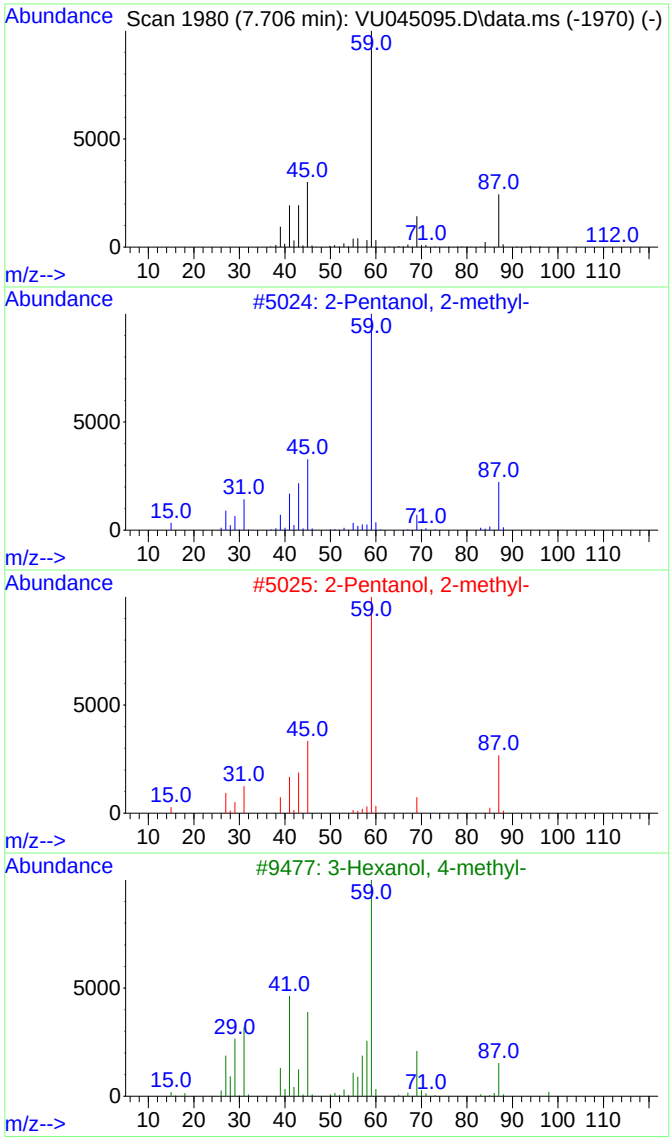
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

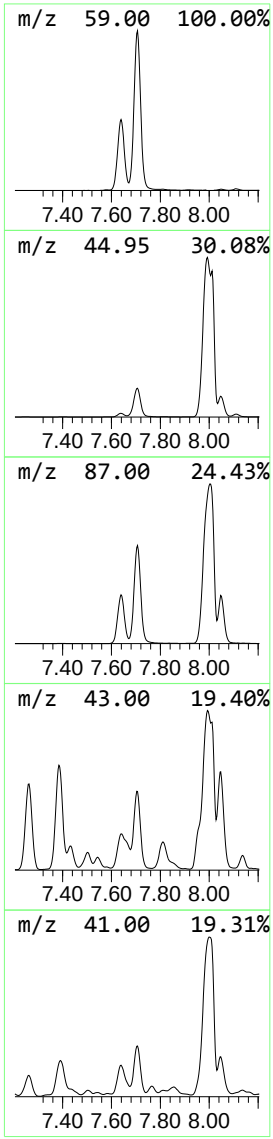
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 2-Pentanol, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.706	148.43 ug/L	1911550	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	83
2	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	78
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	64
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	59





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

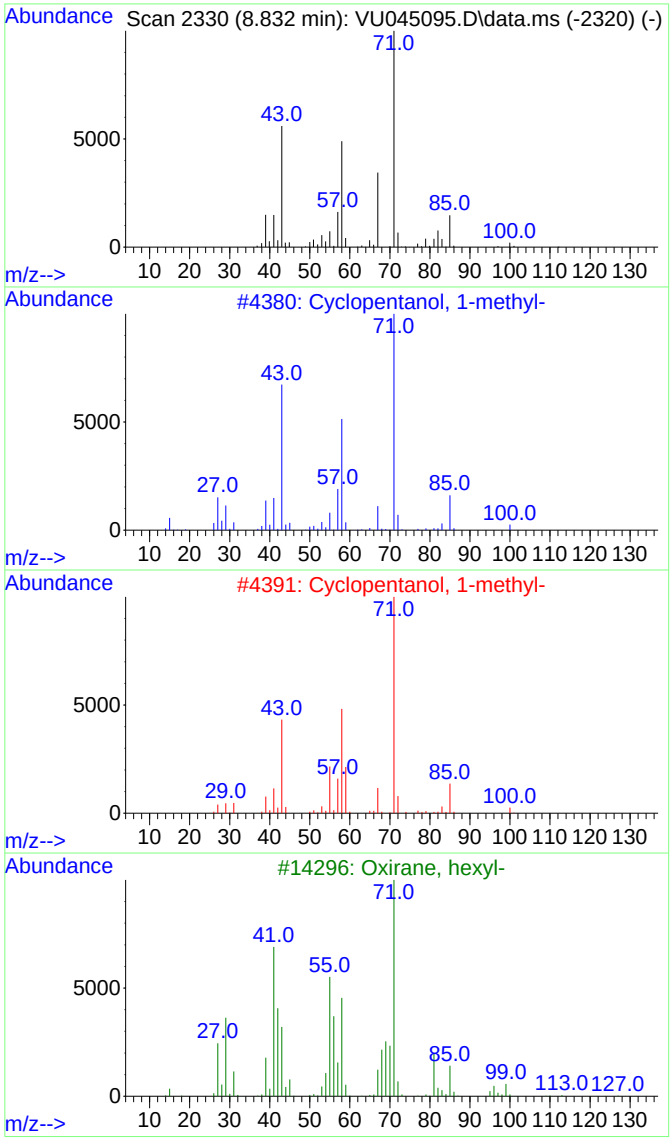
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

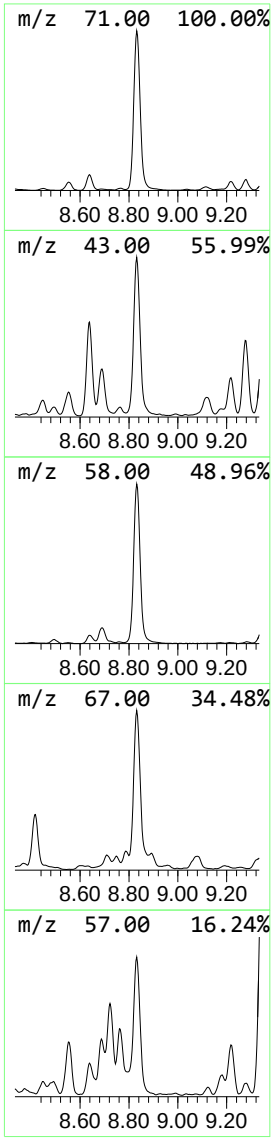
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Cyclopentanol, 1-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.832	63.50 ug/L	1155960	Chlorobenzene-d5	9.423

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	90
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	86
3	Oxirane, hexyl-	128	C8H16O	002984-50-1	56
4	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	53
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

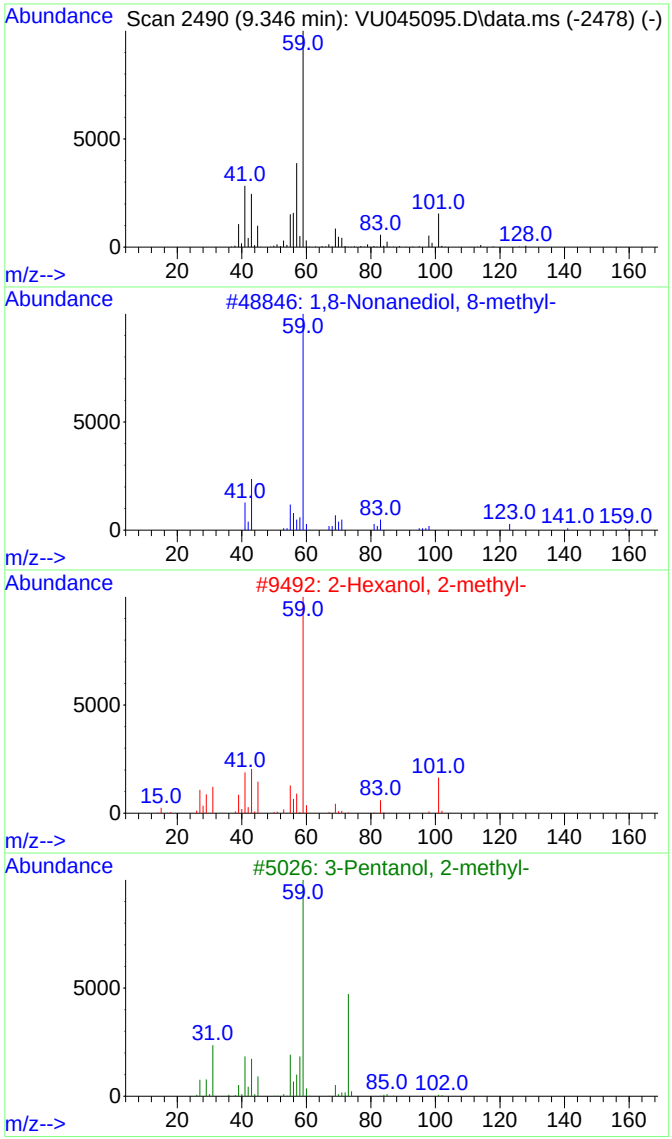
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

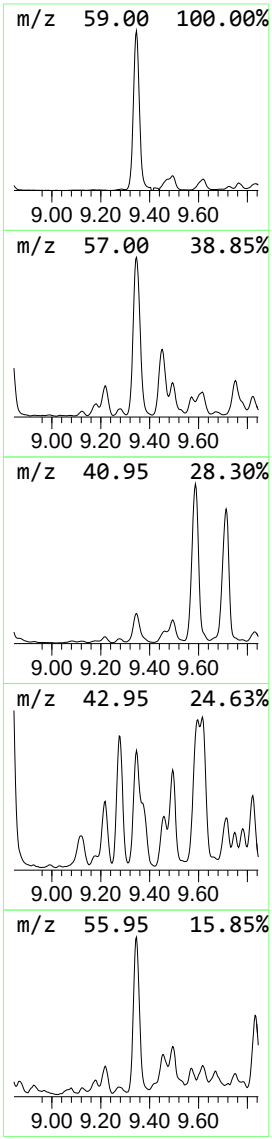
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 1,8-Nonanediol, 8-methyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.346	41.83 ug/L	761400	Chlorobenzene-d5	9.423

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	53
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	42
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	40
5	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4A14

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

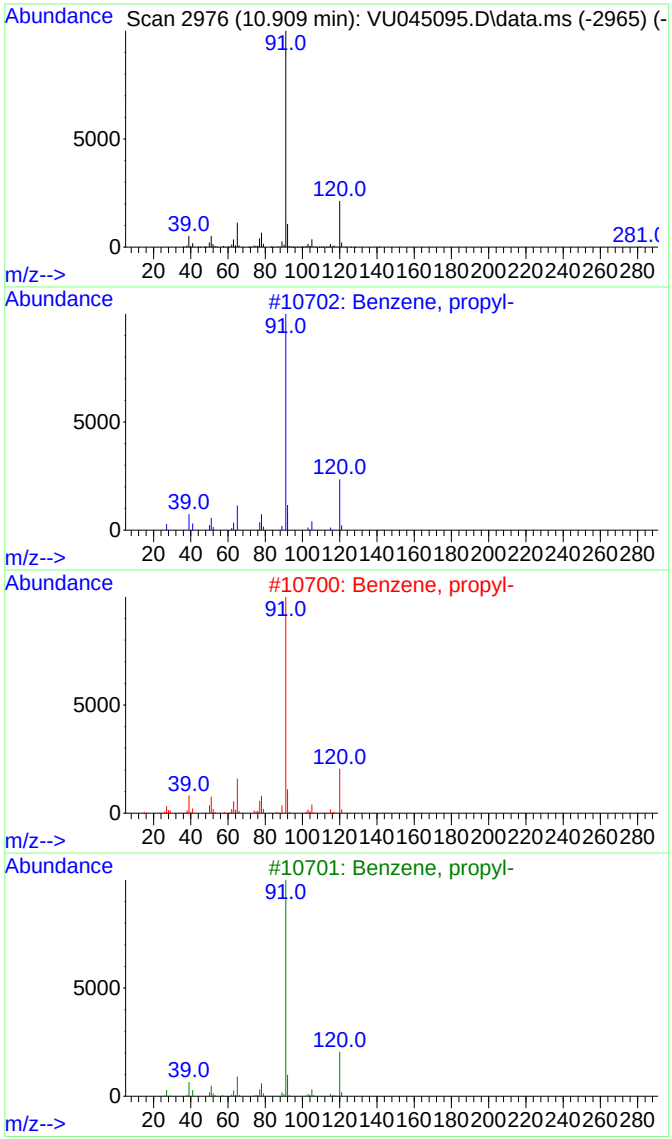
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

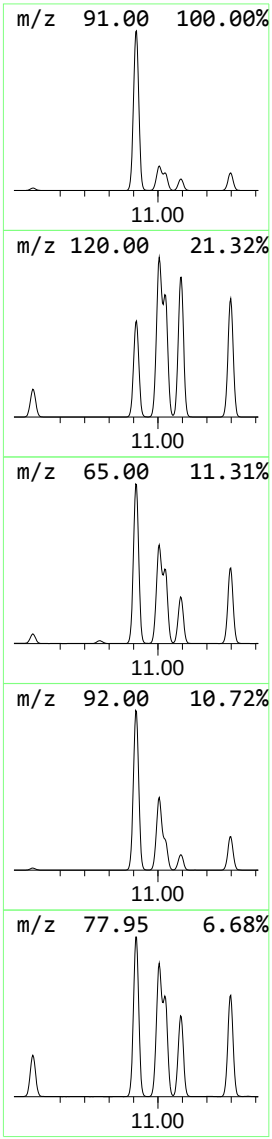
****

Peak Number 44 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.909	425.57 ug/L	11011000	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	86
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

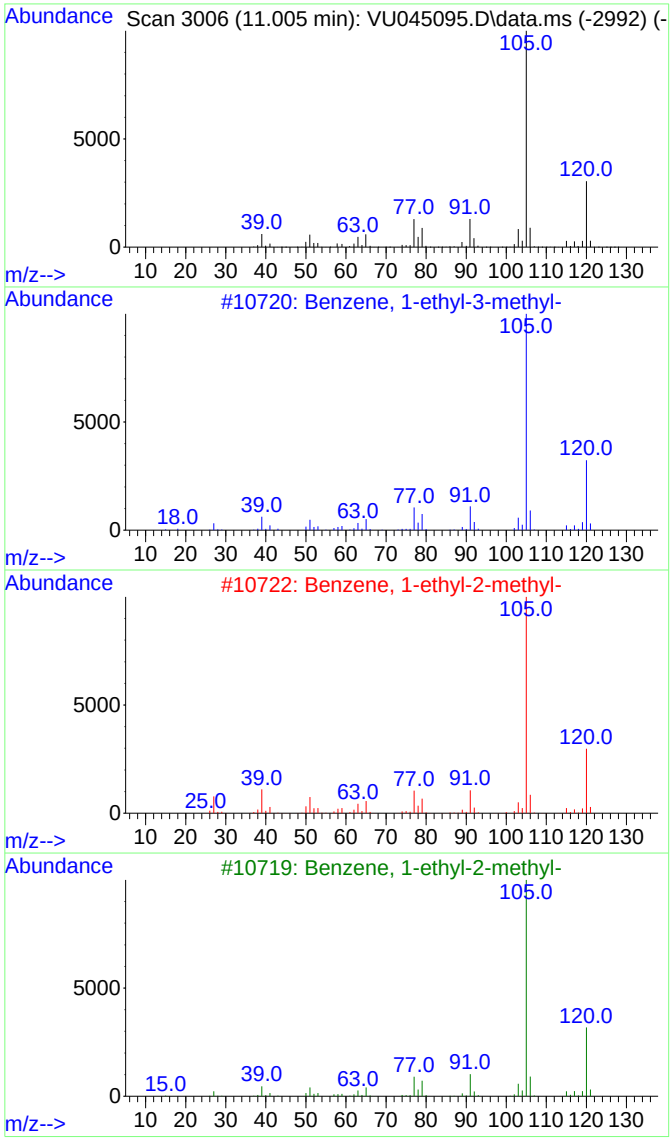
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

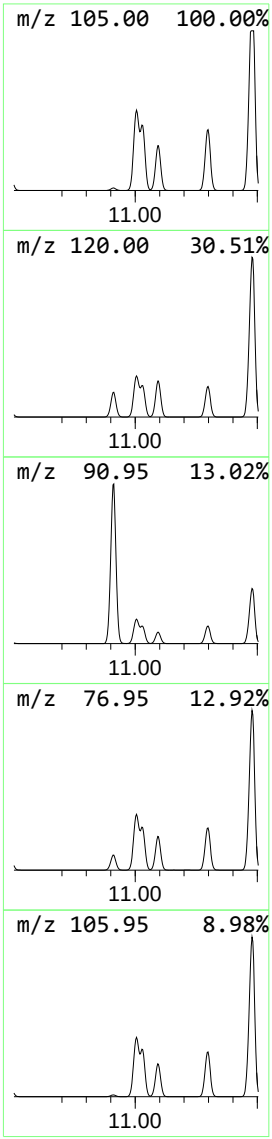
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.005	713.16 ug/L	18451800	1,4-Dichlorobenzene-d4	11.816

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





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Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

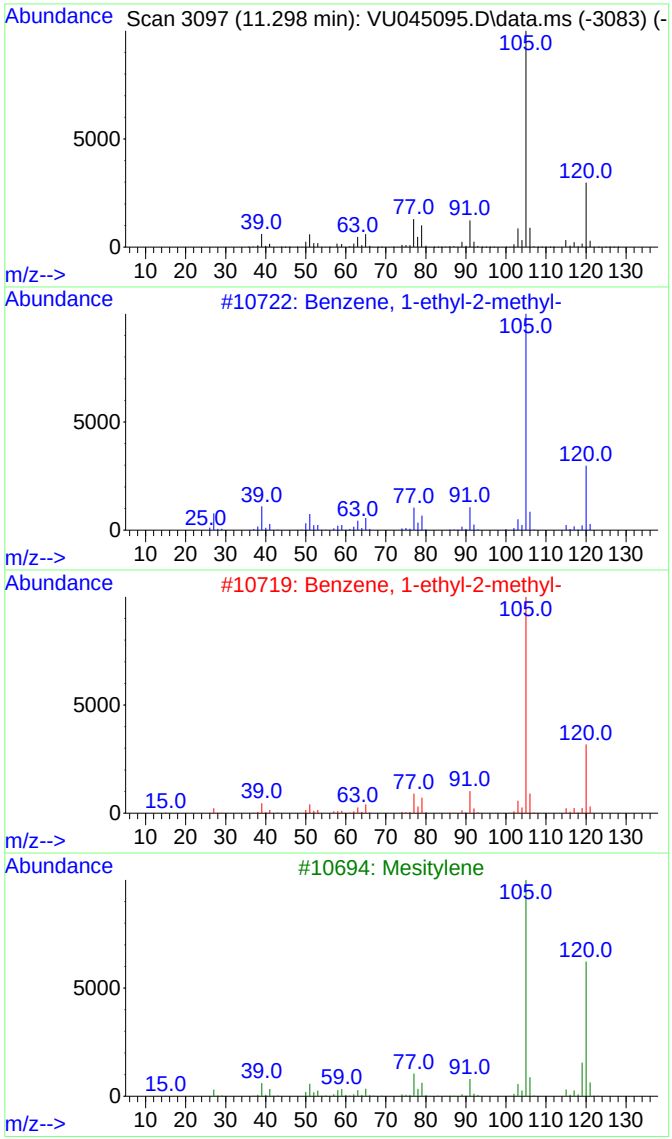
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

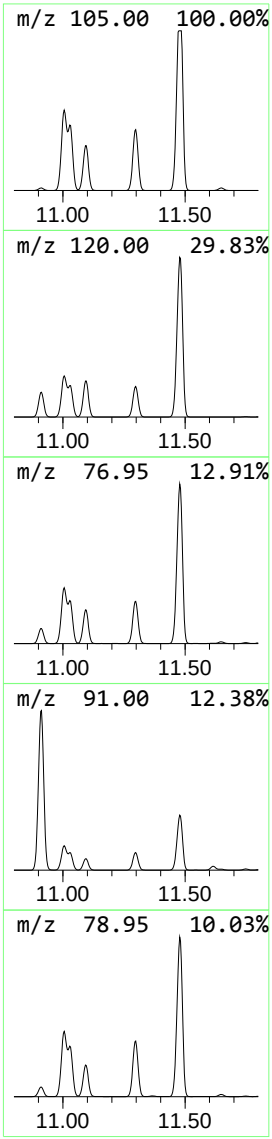
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	486.29 ug/L	12582000	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

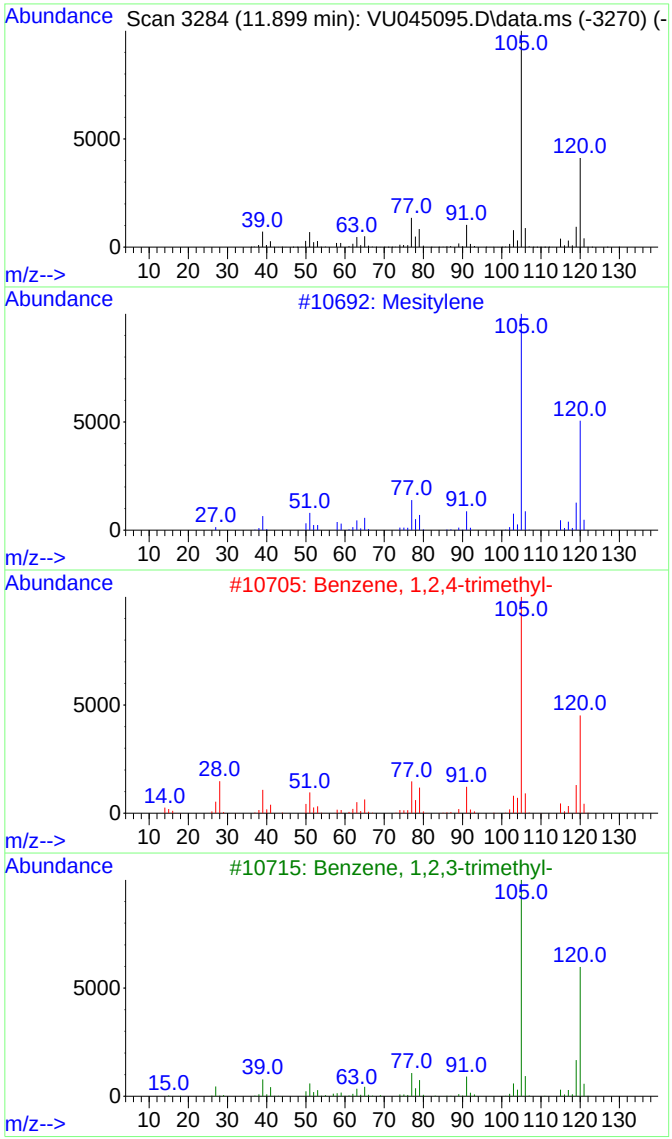
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

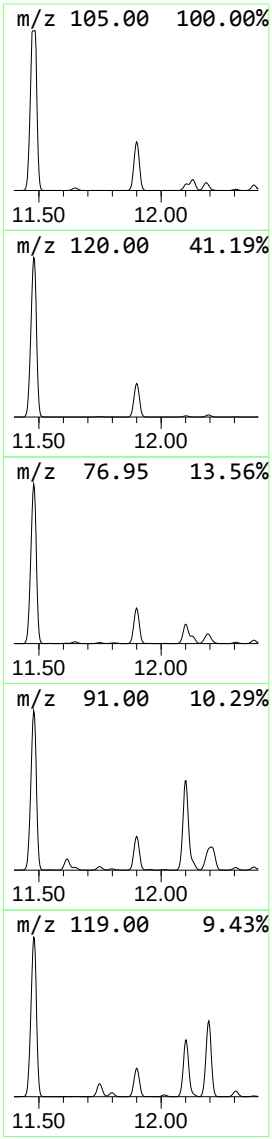
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.899	430.55 ug/L	11139800	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

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

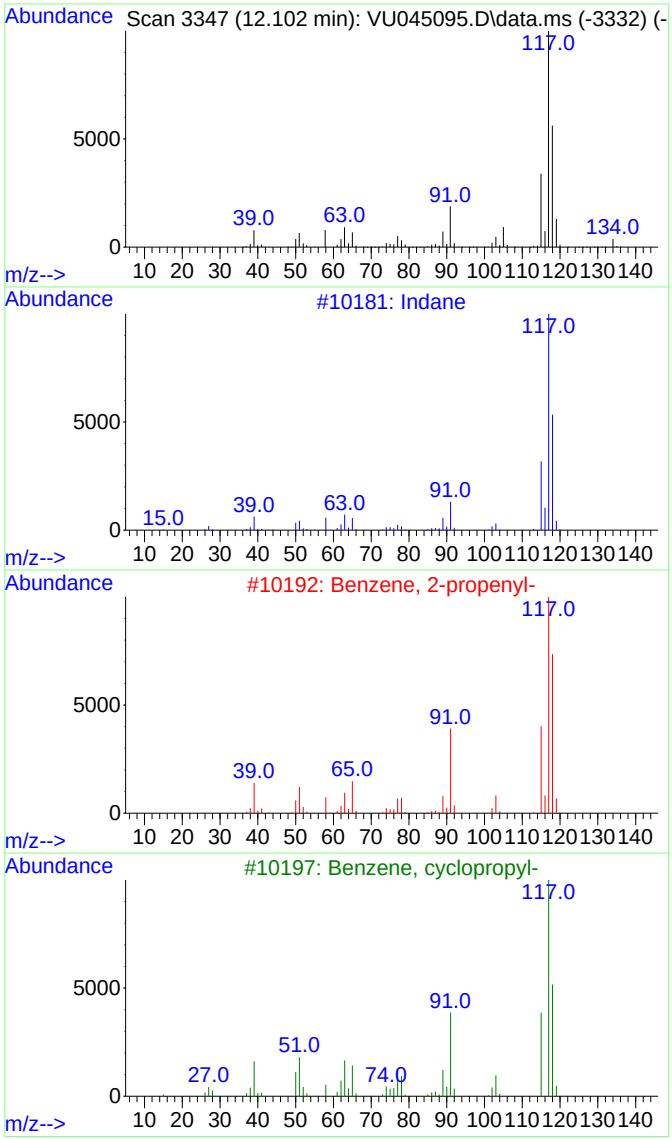
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

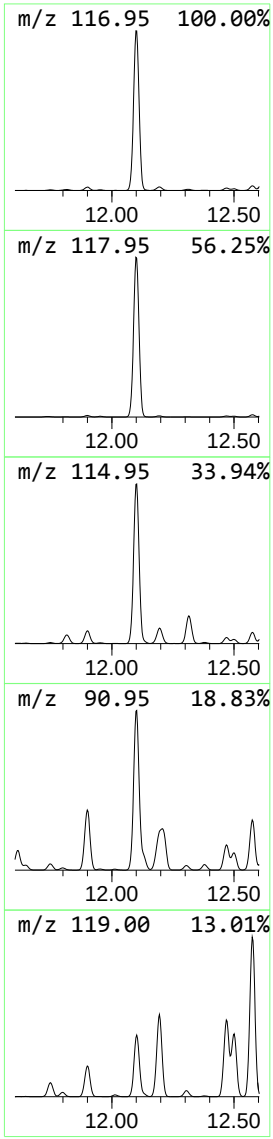
****

Peak Number 50 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.102	838.60 ug/L	21697400	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Indane	118	C9H10	000496-11-7	76
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

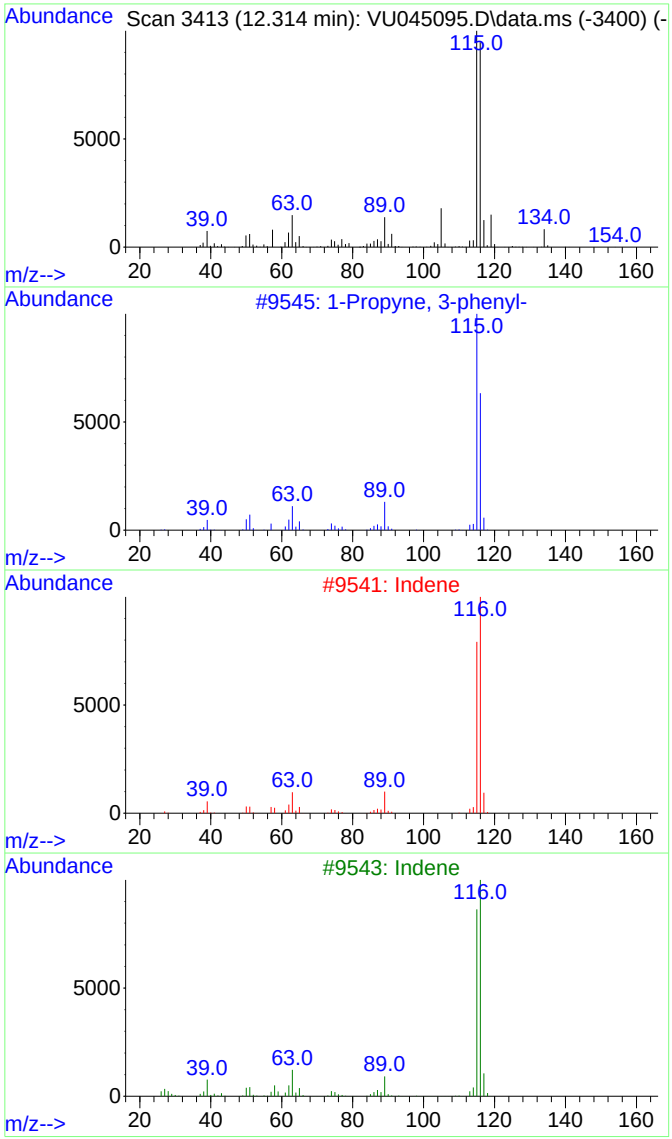
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

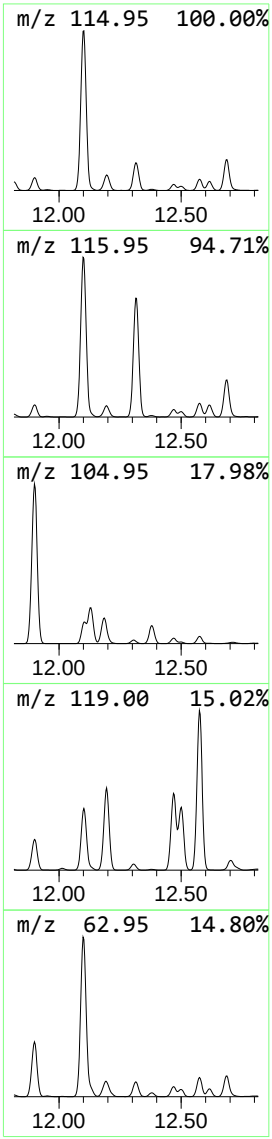
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 1-Propyne, 3-phenyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.314	57.71 ug/L	1493030	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
2	Indene	116	C9H8	000095-13-6	94
3	Indene	116	C9H8	000095-13-6	92
4	Indene	116	C9H8	000095-13-6	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

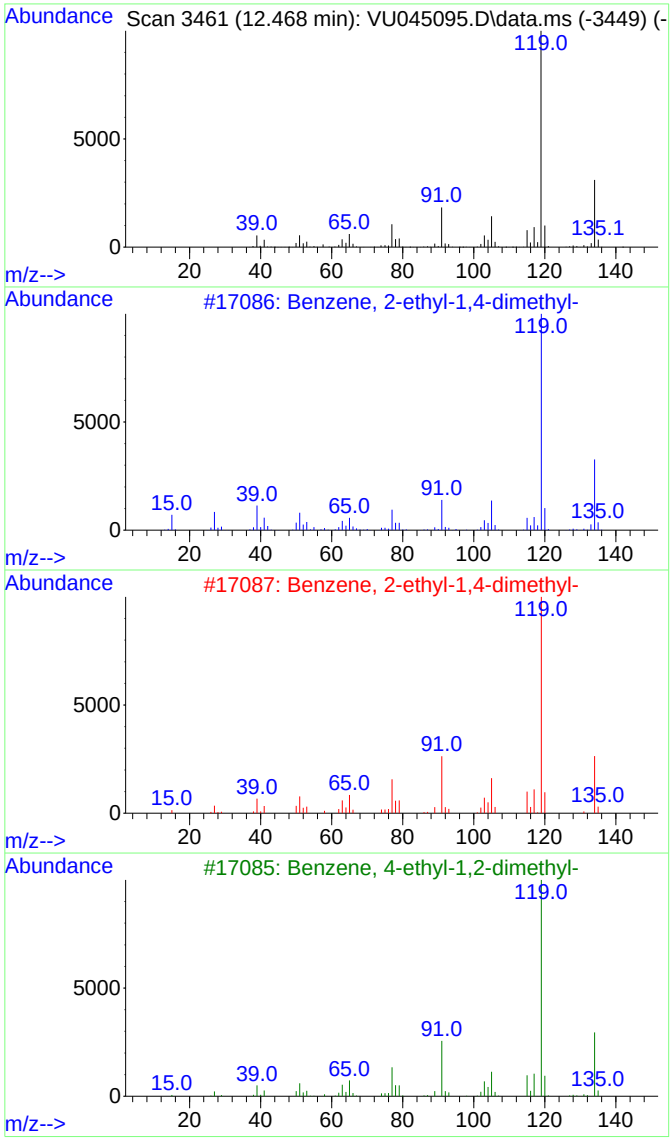
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

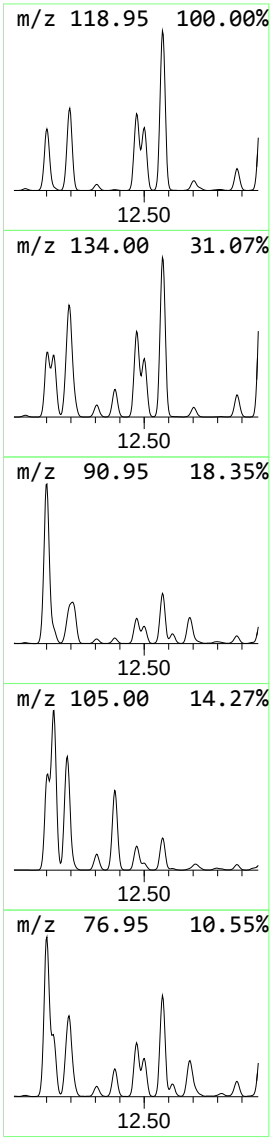
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	107.04 ug/L	2769520	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

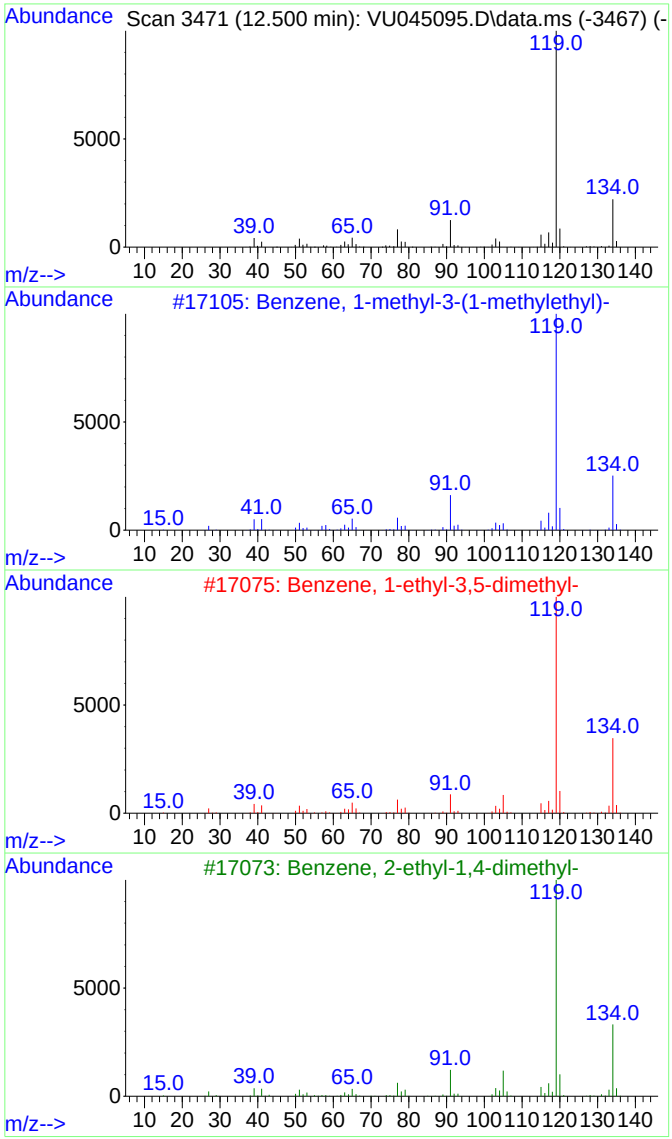
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

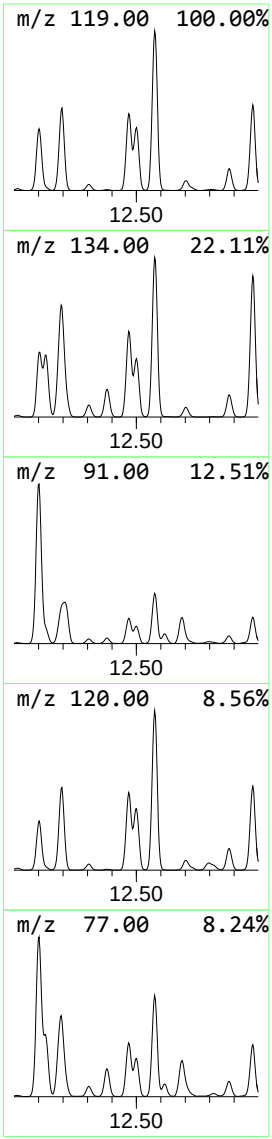
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Benzene, 1-methyl-3-(1-meth... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.500	61.81 ug/L	1599220	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4A14

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

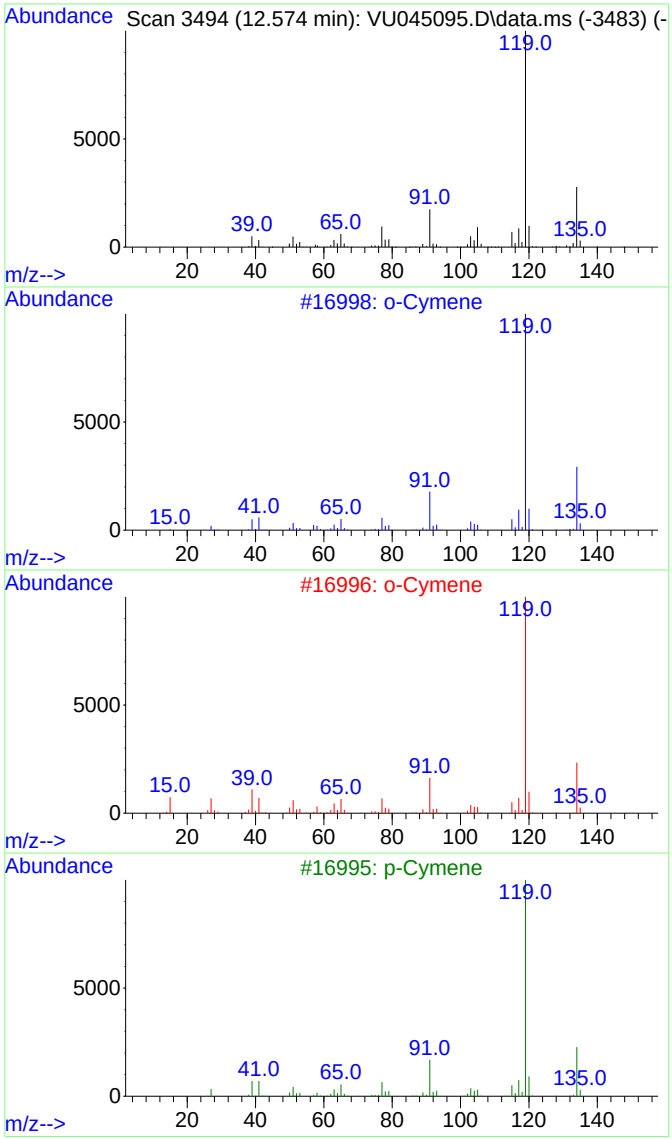
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

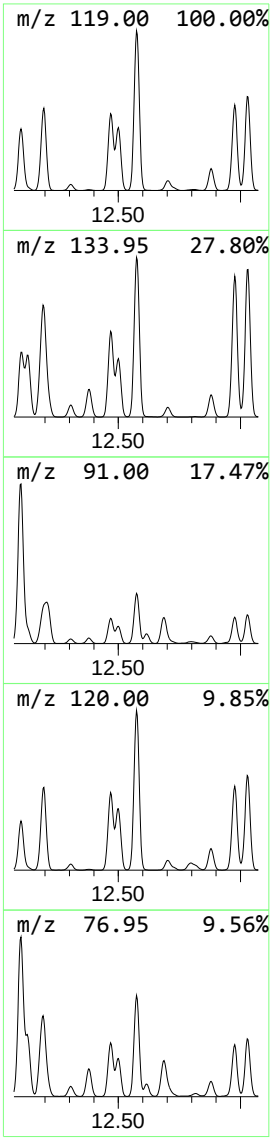
****

Peak Number 55 o-Cymene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	192.46 ug/L	4979540	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4A14

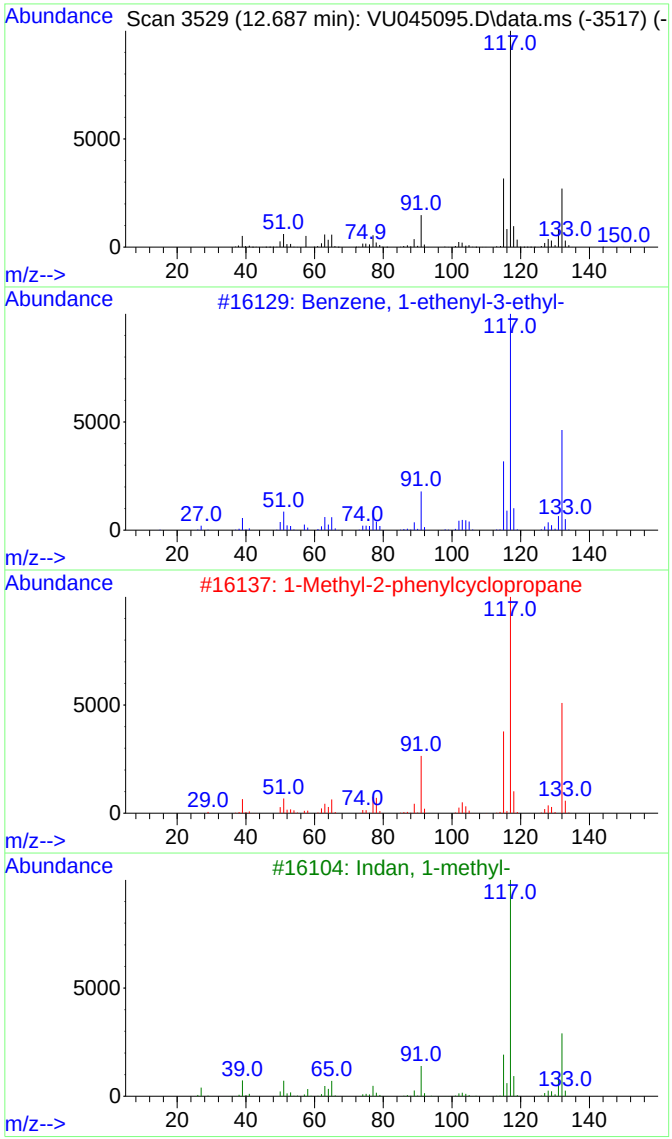
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

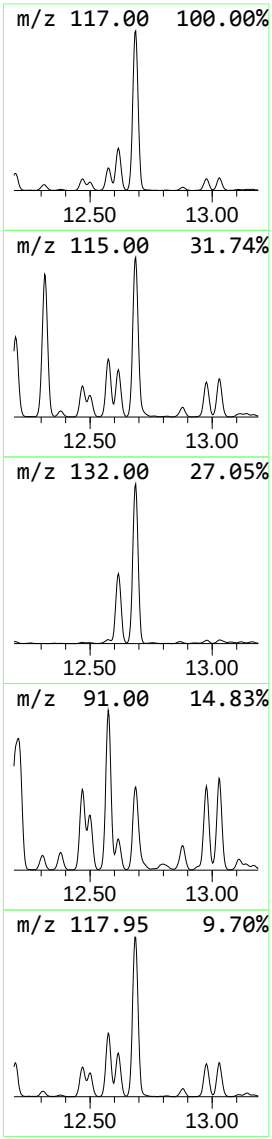
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.687	145.29 ug/L	3759240	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

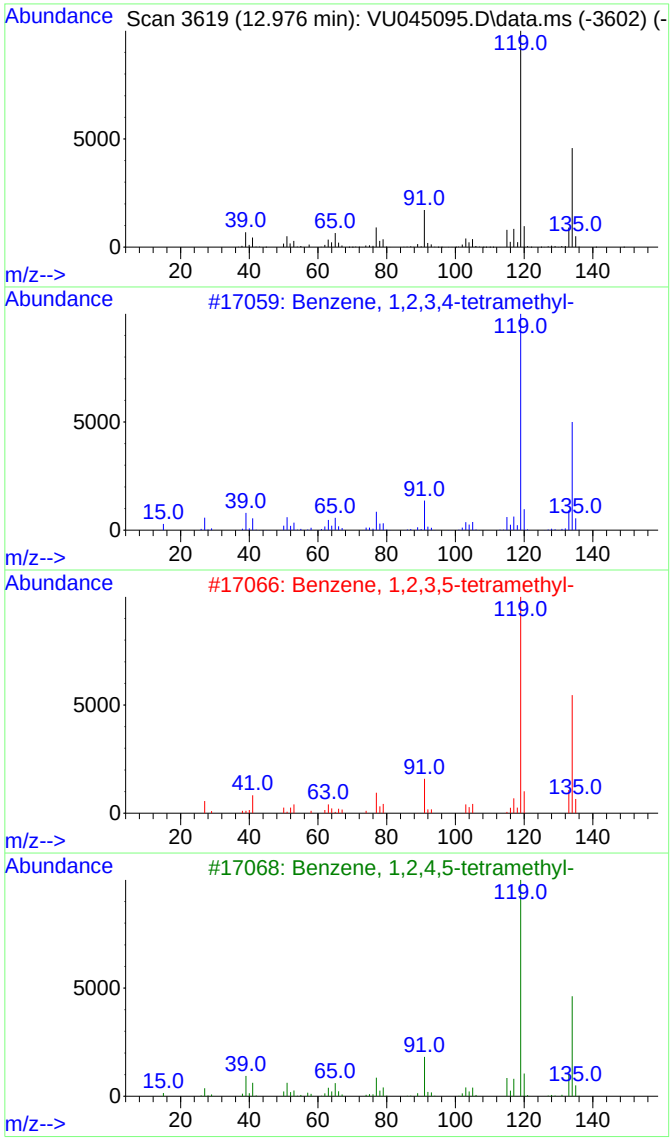
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

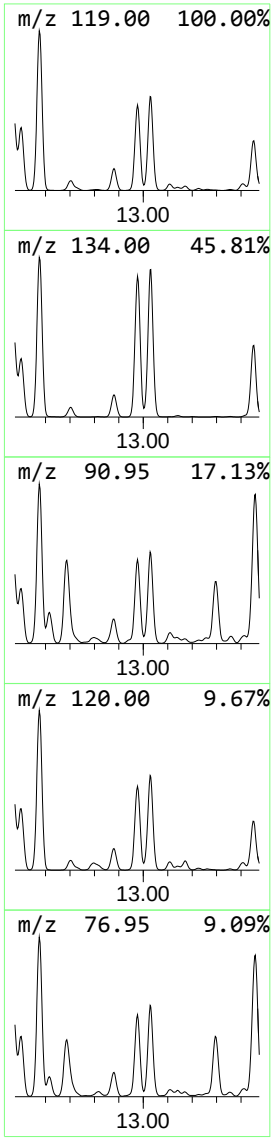
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	114.70 ug/L	2967760	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

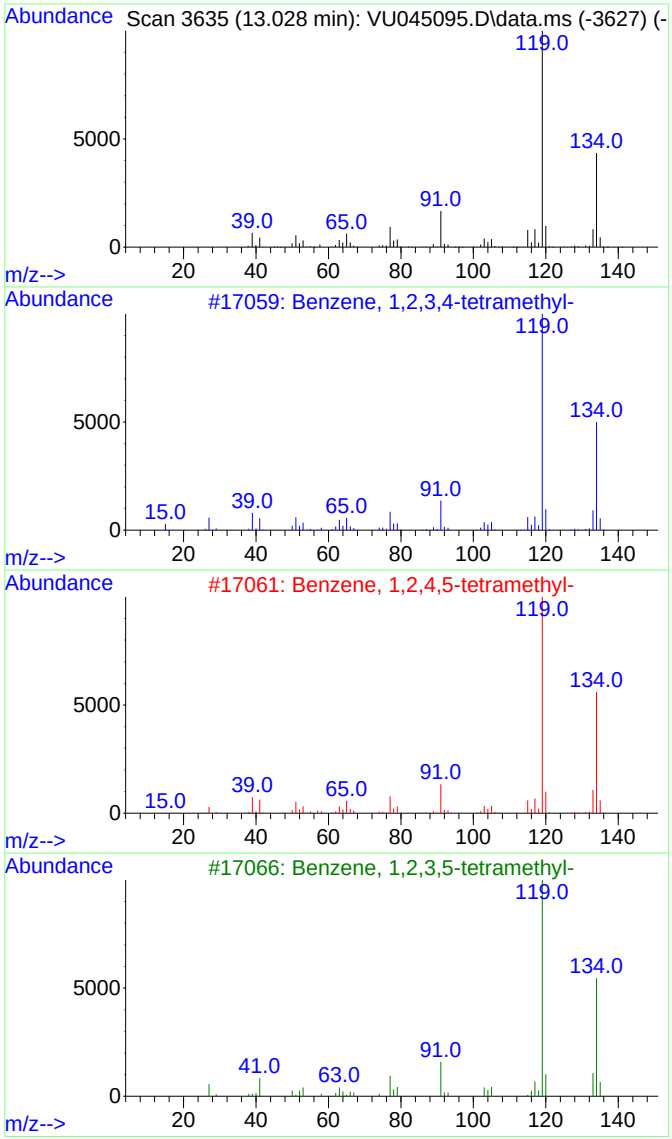
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

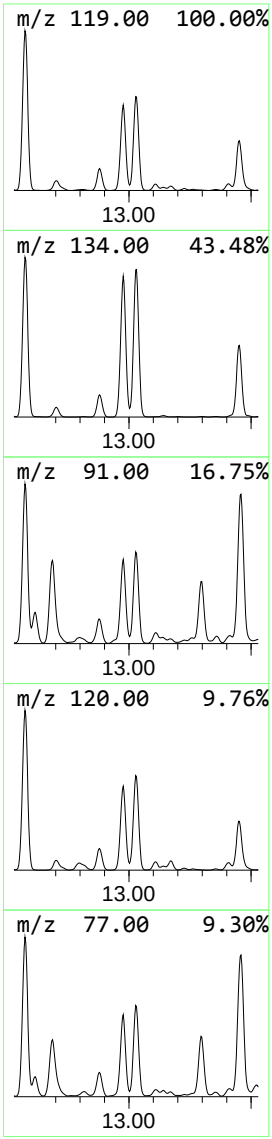
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	122.84 ug/L	3178360	1,4-Dichlorobenzene-d4	11.816

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

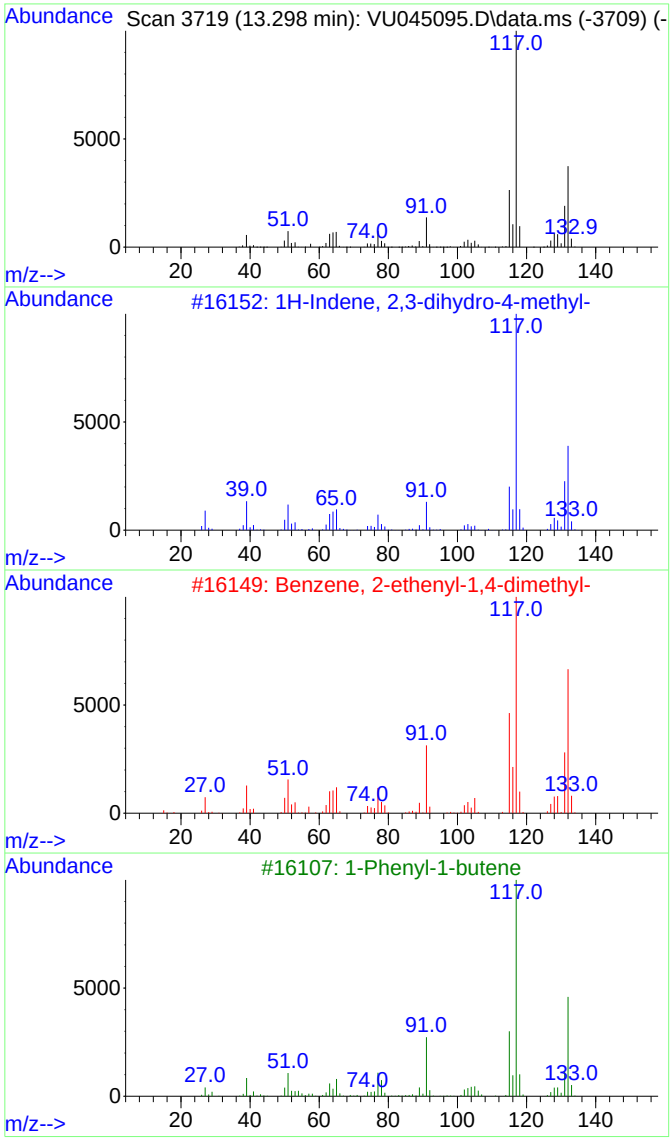
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

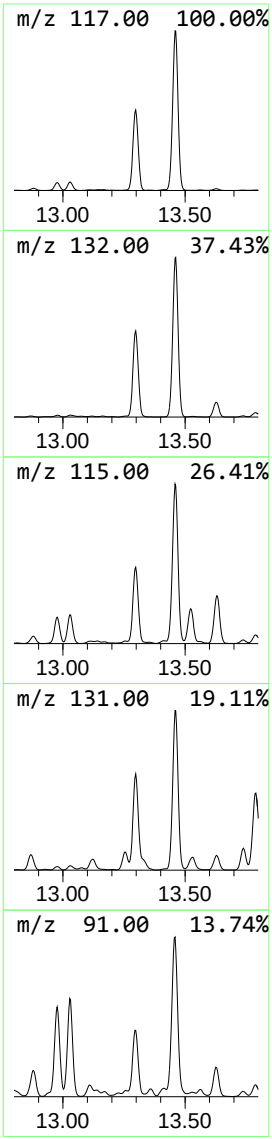
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	113.24 ug/L	2929820	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

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

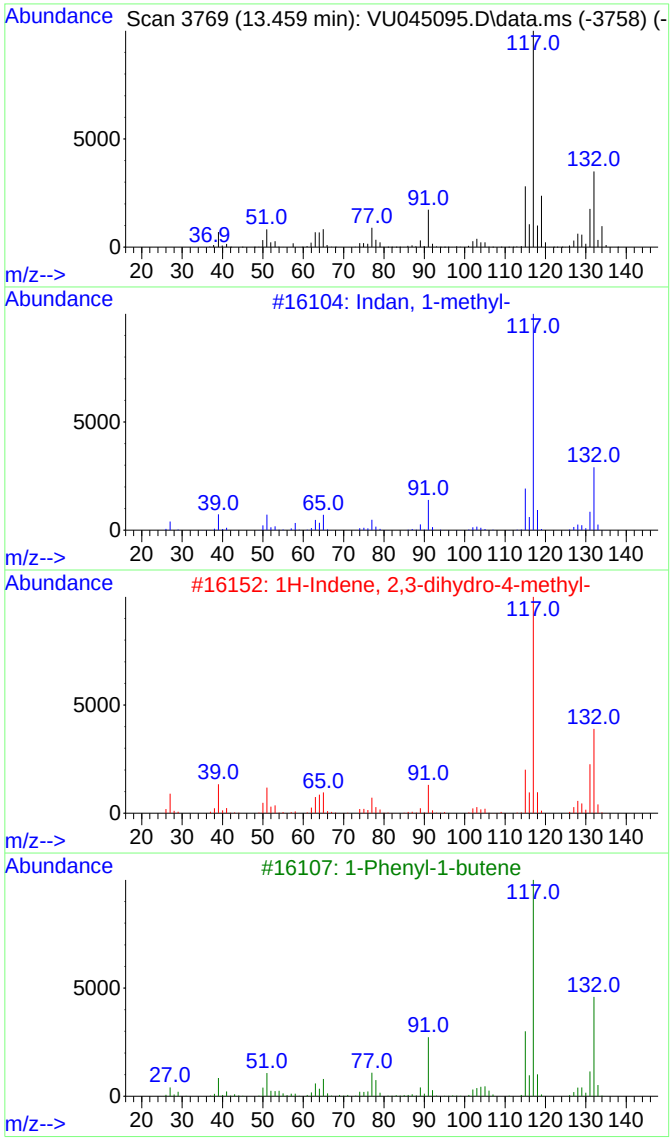
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

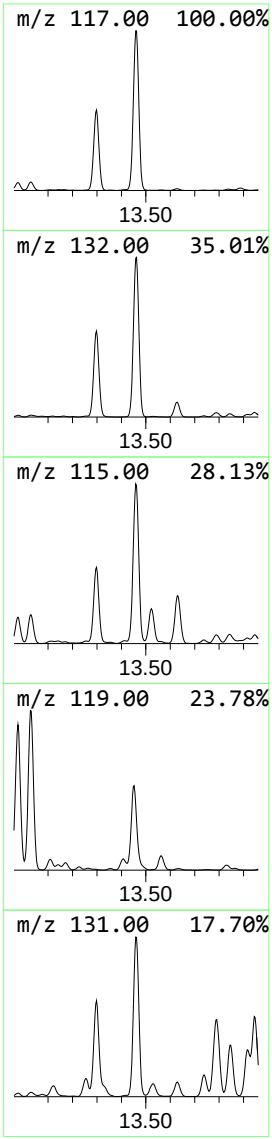
****

Peak Number 62 Indan, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.459	283.43 ug/L	7333200	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

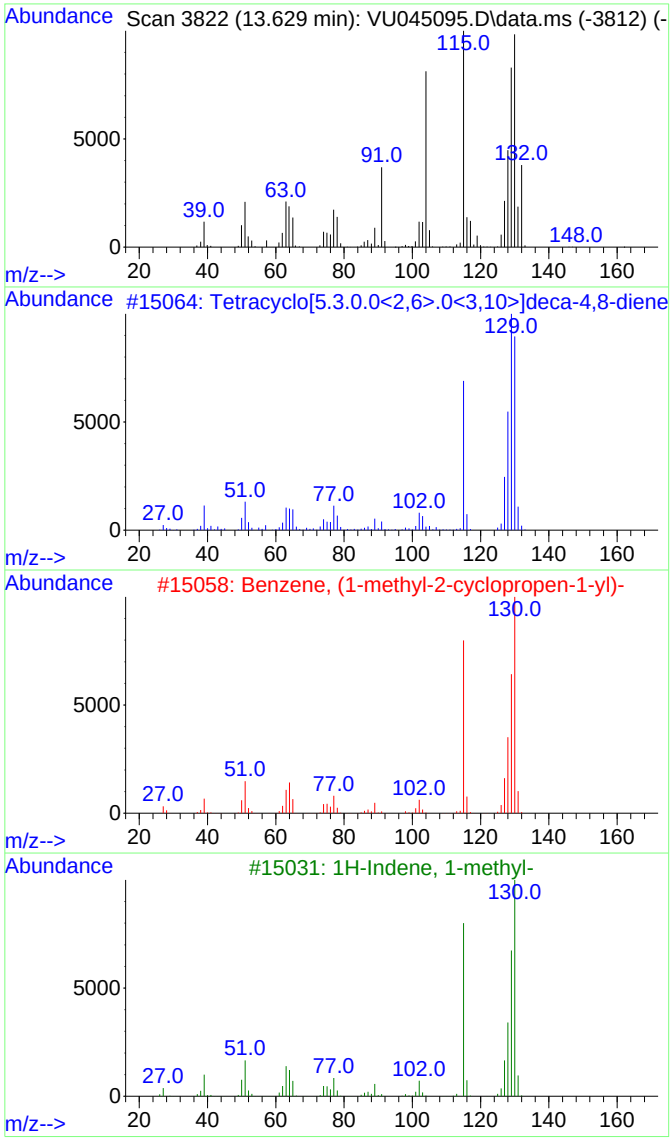
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

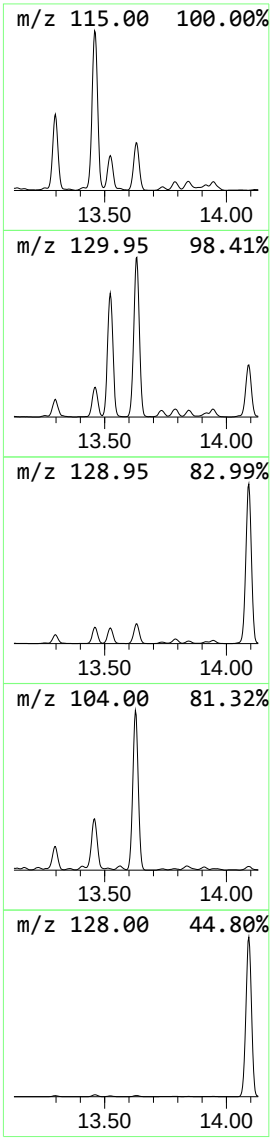
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Tetracyclo[5.3.0.0<2,6>.0<3... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	48.79 ug/L	1262460	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	92
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	92
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

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

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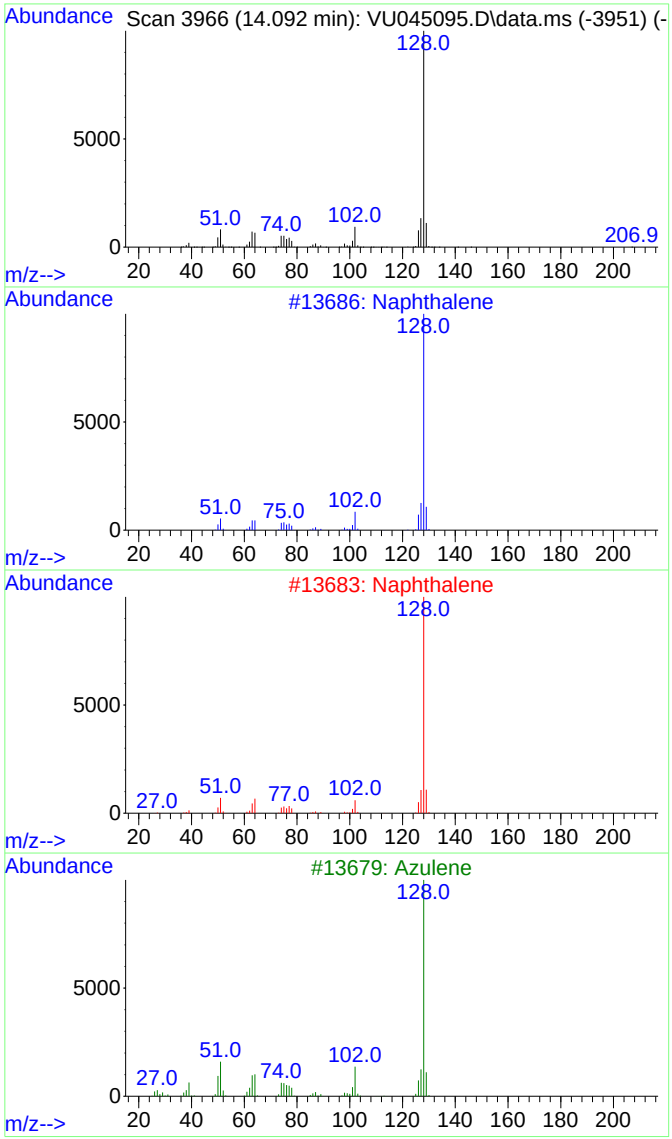
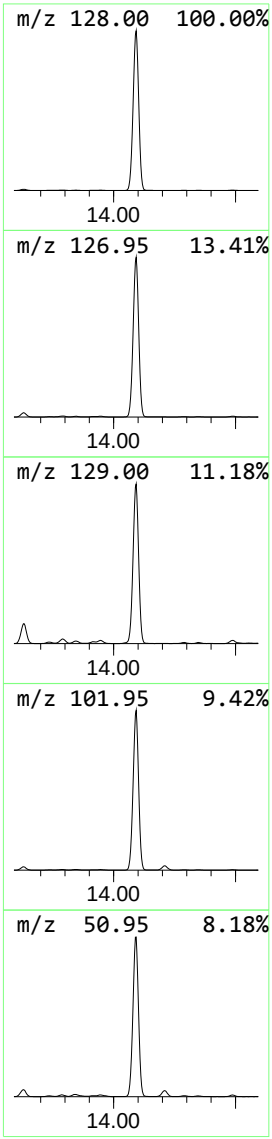
Peak Number 68 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	753.57 ug/L	19497400	1,4-Dichlorobenzene-d4	11.816

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

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

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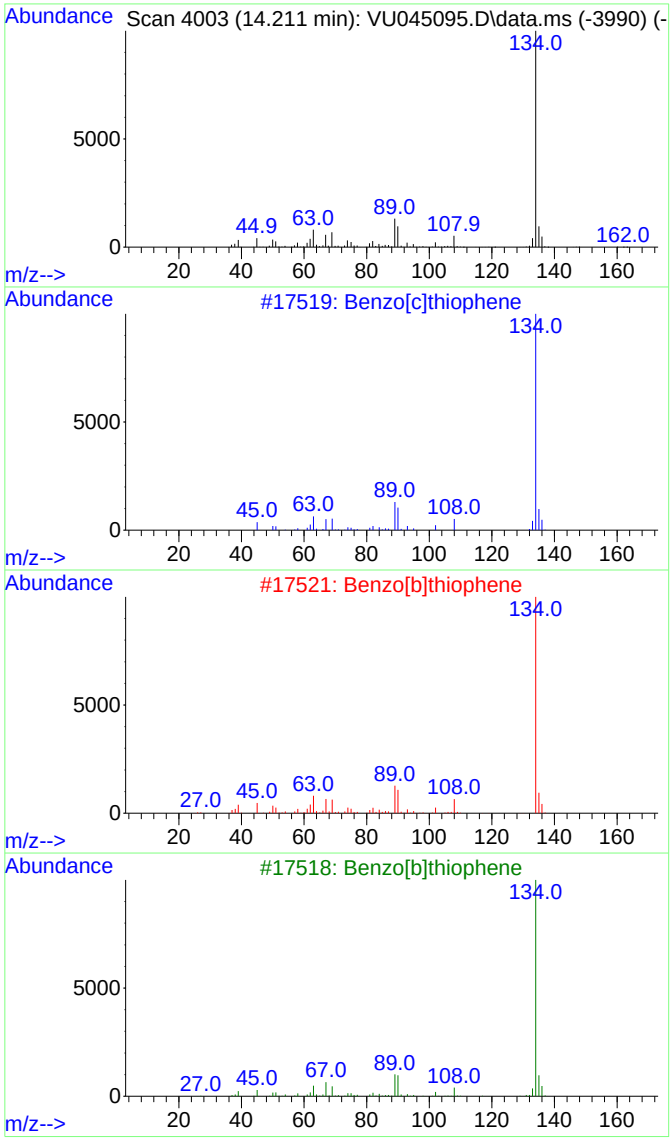
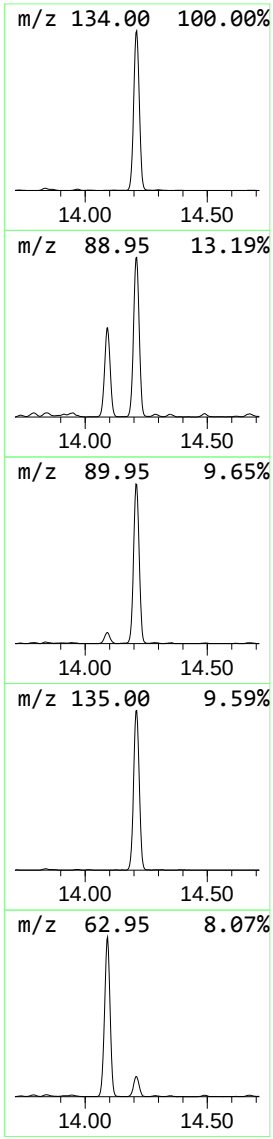
Peak Number 69 Benzo[c]thiophene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.211	92.91 ug/L	2403970	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

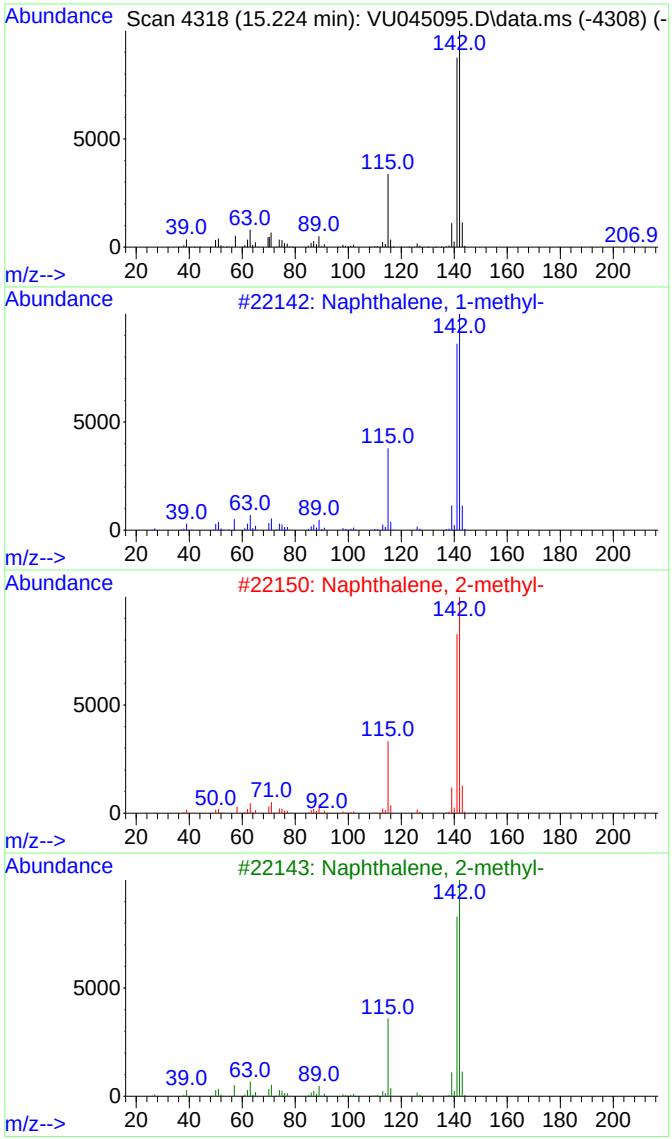
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

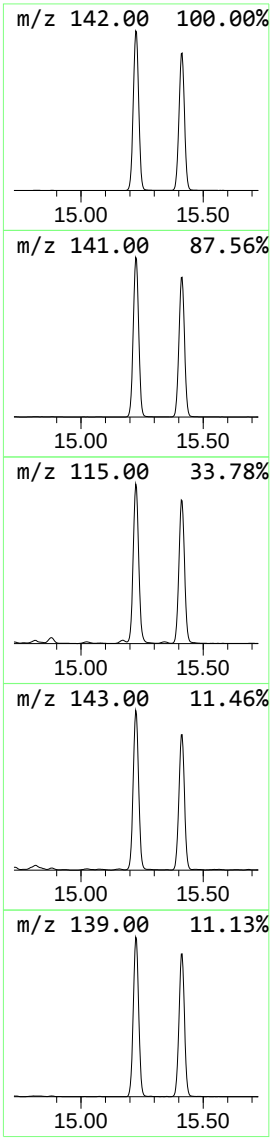
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 Naphthalene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.224	185.05 ug/L	4787830	1,4-Dichlorobenzene-d4	11.816

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

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

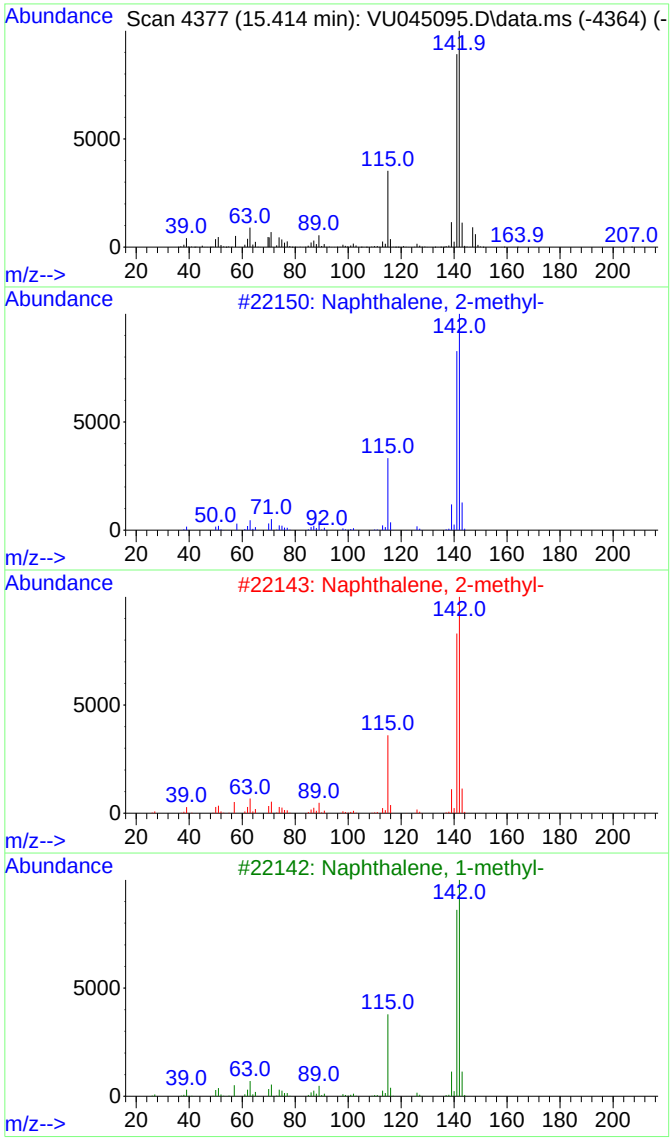
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

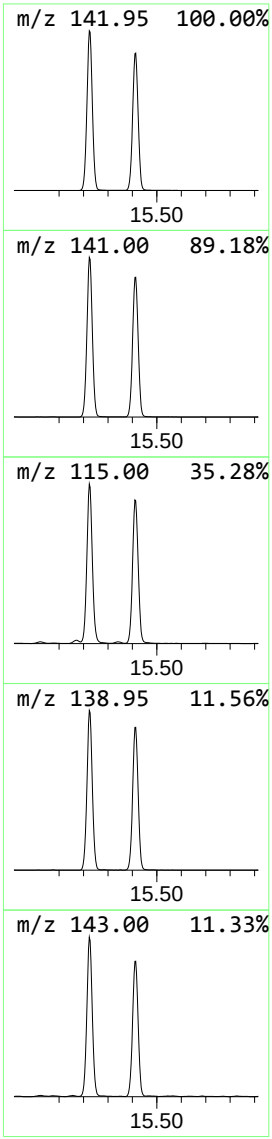
****

Peak Number 75 Naphthalene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.414	176.26 ug/L	4560540	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045095.D
Acq On : 04 Oct 2021 14:48
Operator : SY/MD
Sample : M3996-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A14

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...	1.491	355.9	ug/L	4583420	1	6.256	643934	50.0
(DEL) Alkane: S...	1.662	557.8	ug/L	7183520	1	6.256	643934	50.0
(DEL) Alkane: S...	1.736	316.1	ug/L	4070960	1	6.256	643934	50.0
(DEL) Alkane: S...	1.993	2402.9	ug/L	30945700	1	6.256	643934	50.0
(DEL) Alkane: S...	2.218	1164.7	ug/L	15000200	1	6.256	643934	50.0
(DEL) Alkane: S...	2.318	723.4	ug/L	9316190	1	6.256	643934	50.0
(DEL) Alkane: S...	2.417	233.9	ug/L	3012670	1	6.256	643934	50.0
(DEL) Alkane: C...	2.469	2374.4	ug/L	30579400	1	6.256	643934	50.0
Cyclopentene	3.025	710.2	ug/L	9145940	1	6.256	643934	50.0
(DEL) Alkane: S...	3.086	257.6	ug/L	3317830	1	6.256	643934	50.0
(DEL) Alkane: C...	3.144	648.3	ug/L	8349820	1	6.256	643934	50.0
(DEL) Alkane: S...	3.366	265.9	ug/L	3424960	1	6.256	643934	50.0
(DEL) Alkane: S...	3.578	108.3	ug/L	1394740	1	6.256	643934	50.0
(DEL) Alkane: S...	3.703	73.5	ug/L	946569	1	6.256	643934	50.0
(DEL) Alkane: S...	3.838	79.3	ug/L	1021700	1	6.256	643934	50.0
(DEL) Alkane: S...	3.919	81.0	ug/L	1043060	1	6.256	643934	50.0
(DEL) Alkane: S...	3.983	317.1	ug/L	4084410	1	6.256	643934	50.0
(DEL) Alkane: S...	4.096	220.7	ug/L	2841750	1	6.256	643934	50.0
Cyclopentene, 3...	4.176	171.0	ug/L	2202090	1	6.256	643934	50.0
Cyclopentene, 4...	4.260	70.9	ug/L	912652	1	6.256	643934	50.0
(DEL) Alkane: S...	4.340	308.9	ug/L	3978720	1	6.256	643934	50.0
(DEL) Alkane: S...	4.440	37.7	ug/L	485012	1	6.256	643934	50.0
(DEL) Alkane: C...	4.539	759.9	ug/L	9786050	1	6.256	643934	50.0
Cyclopentene, 1...	5.186	408.9	ug/L	5266380	1	6.256	643934	50.0
(DEL) Alkane: S...	5.469	125.8	ug/L	1620690	1	6.256	643934	50.0
(DEL) Alkane: S...	5.600	93.7	ug/L	1207210	1	6.256	643934	50.0
2,4-Hexadiene, ...	5.912	330.4	ug/L	4254550	1	6.256	643934	50.0
(DEL) Alkane: S...	6.141	70.3	ug/L	905005	1	6.256	643934	50.0
(DEL) Alkane: S...	6.469	27.0	ug/L	347661	1	6.256	643934	50.0
3,5-Dimethylcyc...	6.575	73.9	ug/L	951809	1	6.256	643934	50.0
(DEL) Alkane: C...	6.986	33.8	ug/L	434771	1	6.256	643934	50.0
(DEL) Alkane: S...	7.259	69.5	ug/L	894822	1	6.256	643934	50.0
Cyclopentene, 1...	7.395	224.3	ug/L	2889030	1	6.256	643934	50.0
2-Butanol, 2,3-...	7.639	76.5	ug/L	985783	1	6.256	643934	50.0
2-Pentanol, 2-m...	7.706	148.4	ug/L	1911550	1	6.256	643934	50.0
Cyclopentanol, ...	8.832	63.5	ug/L	1155960	2	9.423	910221	50.0
1,8-Nonanediol,...	9.346	41.8	ug/L	761400	2	9.423	910221	50.0
Benzene, propyl-	10.909	425.6	ug/L	11011000	3	11.816	1293670	50.0
Benzene, 1-ethy...	11.005	713.2	ug/L	18451800	3	11.816	1293670	50.0
Benzene, 1-ethy...	11.298	486.3	ug/L	12582000	3	11.816	1293670	50.0
Benzene, 1,2,3-...	11.899	430.6	ug/L	11139800	3	11.816	1293670	50.0
Indane	12.102	838.6	ug/L	21697400	3	11.816	1293670	50.0
1-Propyne, 3-ph...	12.314	57.7	ug/L	1493030	3	11.816	1293670	50.0
Benzene, 2-ethy...	12.468	107.0	ug/L	2769520	3	11.816	1293670	50.0
Benzene, 1-meth...	12.500	61.8	ug/L	1599220	3	11.816	1293670	50.0
o-Cymene	12.574	192.5	ug/L	4979540	3	11.816	1293670	50.0
Benzene, 1-ethe...	12.687	145.3	ug/L	3759240	3	11.816	1293670	50.0
Benzene, 1,2,3,...	12.976	114.7	ug/L	2967760	3	11.816	1293670	50.0
Benzene, 1,2,4,...	13.028	122.8	ug/L	3178360	3	11.816	1293670	50.0
1H-Indene, 2,3-...	13.298	113.2	ug/L	2929820	3	11.816	1293670	50.0
Indan, 1-methyl-	13.459	283.4	ug/L	7333200	3	11.816	1293670	50.0
Tetracyclo[5.3....	13.629	48.8	ug/L	1262460	3	11.816	1293670	50.0

Azulene	14.092	753.6	ug/L	19497400	3	11.816	1293670	50.0
Benzo[c]thiophene	14.211	92.9	ug/L	2403970	3	11.816	1293670	50.0
Naphthalene, 1-...	15.224	185.1	ug/L	4787830	3	11.816	1293670	50.0
Naphthalene, 2-...	15.414	176.3	ug/L	4560540	3	11.816	1293670	50.0

Instrument :
MSVOA_U
ClientSampleId :
F4A14