LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

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_X\Method\SFAMXLM111121WMA.M
Title : VOC Analysis

Signal : TIC: VX025226.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.246	23	26	33	rBV2	5885	11490	0.02%	0.016%
2	1.368	42	46	53	rBV	91221	87421	0.14%	0.122%
3	1.660	90	94	102	rVV	58198	75136	0.12%	0.105%
4	1.739	103	107	121	rVB	119955	172857	0.28%	0.241%
5	1.953	137	142	152	rVB2	36223	59773	0.10%	0.083%
6	2.063	157	160	167	rVB	5342	7772	0.01%	0.011%
7	2.209	180	184	193	rVB	21121	36273	0.06%	0.050%
8	2.306	193	200	210	rBV	105087	180145	0.29%	0.251%
9	2.715	259	267	268	rBV2	6396	12614	0.02%	0.018%
10	2.867	287	292	309	rVB	111889	240301	0.39%	0.334%
11	3.099	319	330	341	rBV	29191	66112	0.11%	0.092%
12	3.318	358	366	376	rVB3	4320	9921	0.02%	0.014%
13	3.446	379	387	396	rBV3	2609	6205	0.01%	0.009%
14	3.581	403	409	416	rBV5	1219	3018	0.00%	0.004%
15	3.733	427	434	443	rVB	10678	24774	0.04%	0.034%
16	3.837	443	451	456	rBV2	5423	14159	0.02%	0.020%
17	3.904	457	462	470	rVB	13387	32183	0.05%	0.045%
18	4.105	488	495	502	rBV2	5671	14306	0.02%	0.020%
19	4.306	517	528	539	rBV	100360	285921	0.46%	0.398%
20	4.458	542	553	571	rVB	47124	140259	0.23%	0.195%
21	5.068	641	653	664	rBV	69653	213641	0.35%	0.297%
22	5.477	709	720	733	rVB	124398	385677	0.62%	0.537%
23	5.848	770	781	790	rBV5	9296	29886	0.05%	0.042%
24	5.976	790	802	806	rBV3	176821	507762	0.82%	0.707%
25	6.043	808	813	826	rVB	500732	1237916	2.01%	1.723%
26	6.379	857	868	881	rVB5	30952	97356	0.16%	0.136%
27	6.763	922	931	941	rBV	156190	384794	0.62%	0.536%
28	7.068	973	981	984	rBV3	1685	3241	0.01%	0.005%
29	7.177	993	999	1009	rVB4	9597	21760	0.04%	0.030%
30	7.312	1012	1021	1027	rBV	106726	238739	0.39%	0.332%
31	7.519	1050	1055	1060	rVB5	1412	2987	0.00%	0.004%
32	7.659	1072	1078	1085	rBV2	3759	7406	0.01%	0.010%
33	7.854	1104	1110	1112	rBV2	13181	22166	0.04%	0.031%
34	7.958	1122	1127	1134	rVB3	5885	11667	0.02%	0.016%
35	8.147	1147	1158	1163	rBV2	17064	30296	0.05%	0.042%
36	8.330	1181	1188	1199	rVV	84736	137593	0.22%	0.192%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

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_X\Method\SFAMXLM111121WMA.M
Title : VOC Analysis

37	8.433	1200	1205	1209	rVV2	2515	4386	0.01%	0.006%
38	8.506	1211	1217	1225	rVB	30714	49554	0.08%	0.069%
39	8.604	1225	1233	1235	rBV5	3336	5920	0.01%	0.008%
40	8.653	1235	1241	1248	rVV	291644	451042	0.73%	0.628%
41	8.720	1248	1252	1258	rVV	37253	59544	0.10%	0.083%
42	8.775	1259	1261	1266	rVV2	3019	3771	0.01%	0.005%
43	8.842	1267	1272	1281	rVB2	6713	12466	0.02%	0.017%
44	8.952	1281	1290	1299	rBV	59769	99732	0.16%	0.139%
45	9.104	1307	1315	1320	rVB5	2974	6022	0.01%	0.008%
46	9.165	1320	1325	1332	rVB	7151	11024	0.02%	0.015%
47	9.275	1339	1343	1348	rBV	8853	13153	0.02%	0.018%
48	9.390	1356	1362	1368	rBV	206442	301964	0.49%	0.420%
49	9.567	1386	1391	1395	rBV2	6697	9905	0.02%	0.014%
50	9.610	1395	1398	1403	rVB3	2984	4419	0.01%	0.006%
51	9.762	1419	1423	1427	rBV4	2496	3239	0.01%	0.005%
52	9.976	1450	1458	1462	rBV3	6790	11241	0.02%	0.016%
53	10.110	1462	1480	1485	rBV	24690314	61737785	100.00%	85.931%
54	10.201	1491	1495	1499	rVV	88404	109001	0.18%	0.152%
55	10.281	1503	1508	1510	rVV	99708	147802	0.24%	0.206%
56	10.305	1510	1512	1518	rVB	134815	164549	0.27%	0.229%
57	10.445	1527	1535	1540	rVB3	8945	17687	0.03%	0.025%
58	10.646	1563	1568	1573	rVB	62480	81657	0.13%	0.114%
59	10.793	1587	1592	1597	rVB3	3300	5587	0.01%	0.008%
60	10.848	1597	1601	1606	rBV6	1856	3115	0.01%	0.004%
61	10.902	1606	1610	1614	rBV3	4064	5202	0.01%	0.007%
62	10.963	1615	1620	1631	rVB	120455	153959	0.25%	0.214%
63	11.195	1650	1658	1666	rBV	221283	289006	0.47%	0.402%
64	11.305	1672	1676	1681	rVB	99233	121226	0.20%	0.169%
65	11.366	1681	1686	1689	rBV3	6970	14313	0.02%	0.020%
66	11.457	1695	1701	1707	rVB3	9837	18754	0.03%	0.026%
67	11.616	1722	1727	1736	rVV	186304	234846	0.38%	0.327%
68	11.713	1737	1743	1745	rVV4	2507	5476	0.01%	0.008%
69	11.750	1745	1749	1753	rVB3	4494	7107	0.01%	0.010%
70	11.799	1753	1757	1763	rBV	10135	13202	0.02%	0.018%
71	11.896	1770	1773	1781	rVB	9767	12602	0.02%	0.018%
72	11.969	1781	1785	1789	rBV	57627	71086	0.12%	0.099%
73	12.042	1789	1797	1802	rVV2	740498	1335996	2.16%	1.860%
74	12.091	1802	1805	1809	rVB	15171	17793	0.03%	0.025%
75	12.183	1816	1820	1825	rVB	7678	9595	0.02%	0.013%
76	12.244	1825	1830	1835	rBV	191830	239916	0.39%	0.334%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

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_X\Method\SFAMXLM111121WMA.M
Title : VOC Analysis

77	12.323	1838	1843	1853	rVV2	355317	506911	0.82%	0.706%
78	12.414	1853	1858	1862	rVV2	10193	15007	0.02%	0.021%
79	12.463	1863	1866	1871	rVB	8383	10156	0.02%	0.014%
80	12.530	1871	1877	1884	rBV2	6141	10105	0.02%	0.014%
81	12.616	1887	1891	1893	rBV	8449	9507	0.02%	0.013%
82	12.646	1893	1896	1900	rVB	17778	21010	0.03%	0.029%
83	12.701	1900	1905	1912	rBV	89407	115293	0.19%	0.160%
84	12.841	1925	1928	1933	rVB2	4336	5603	0.01%	0.008%
85	12.963	1945	1948	1953	rBV3	3985	5189	0.01%	0.007%
86	13.170	1978	1982	1993	rVB	23569	31614	0.05%	0.044%
87	13.292	1997	2002	2007	rVB2	57648	75811	0.12%	0.106%
88	13.347	2007	2011	2017	rVB	12482	16792	0.03%	0.023%
89	13.426	2019	2024	2030	rVB	44490	56842	0.09%	0.079%
90	13.548	2040	2044	2047	rBV3	6594	8607	0.01%	0.012%
91	13.585	2047	2050	2054	rVB3	3258	3935	0.01%	0.005%
92	13.640	2054	2059	2061	rBV5	5028	8775	0.01%	0.012%
93	13.780	2073	2082	2090	rBV	164746	214505	0.35%	0.299%
94	13.871	2090	2097	2100	rVV2	5541	8239	0.01%	0.011%
95	13.926	2103	2106	2111	rVV5	2870	3655	0.01%	0.005%
96	14.219	2150	2154	2158	rBV4	2409	3495	0.01%	0.005%
97	14.323	2167	2171	2177	rVV3	2065	3313	0.01%	0.005%
98	14.481	2193	2197	2202	rBV2	3867	4915	0.01%	0.007%
99	14.597	2213	2216	2220	rBV	2664	3274	0.01%	0.005%
100	14.786	2242	2247	2254	rVB2	17201	24654	0.04%	0.034%

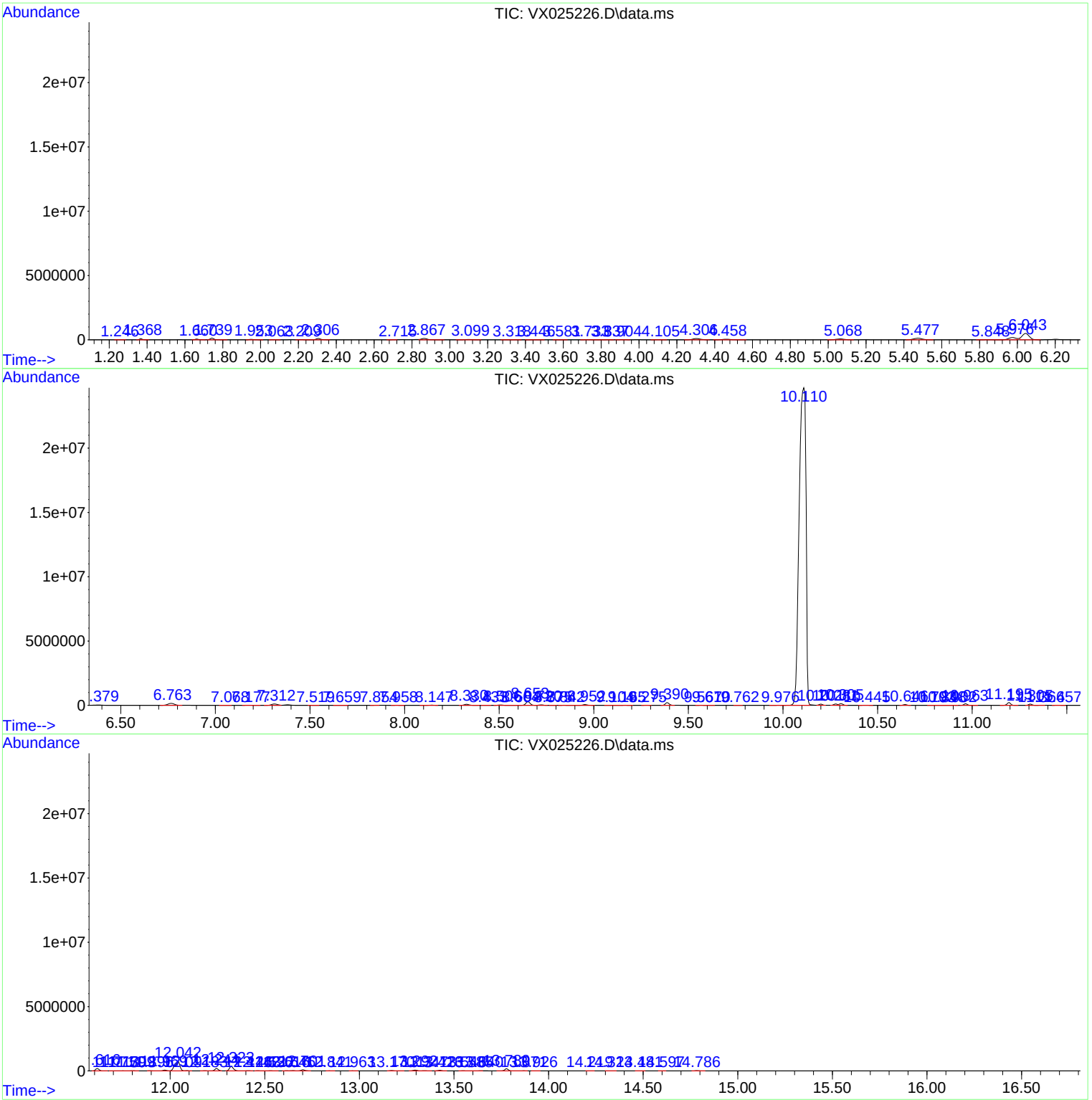
Sum of corrected areas: 71845378

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

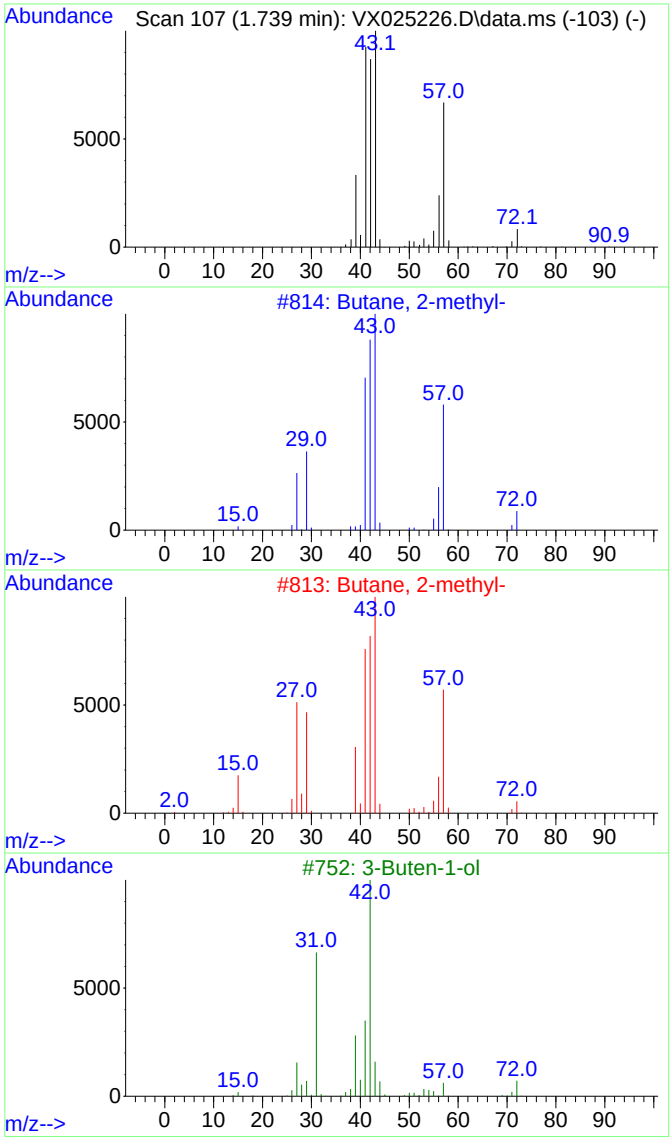
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

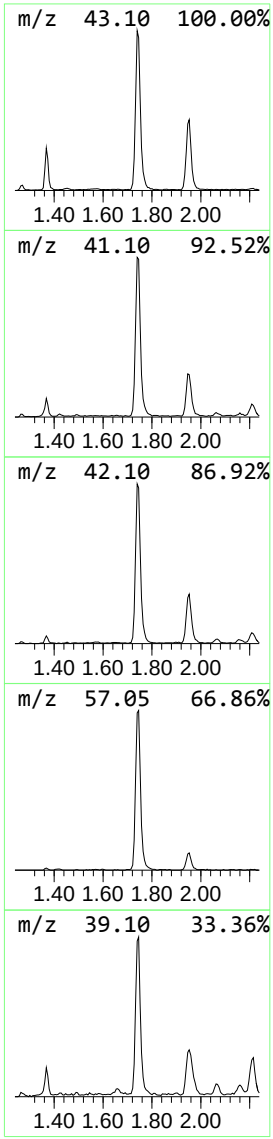
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.739	22.46 ug/L	172857	1,4-Difluorobenzene	6.763

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	86
3	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	Pentane	72	C5H12	000109-66-0	36
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

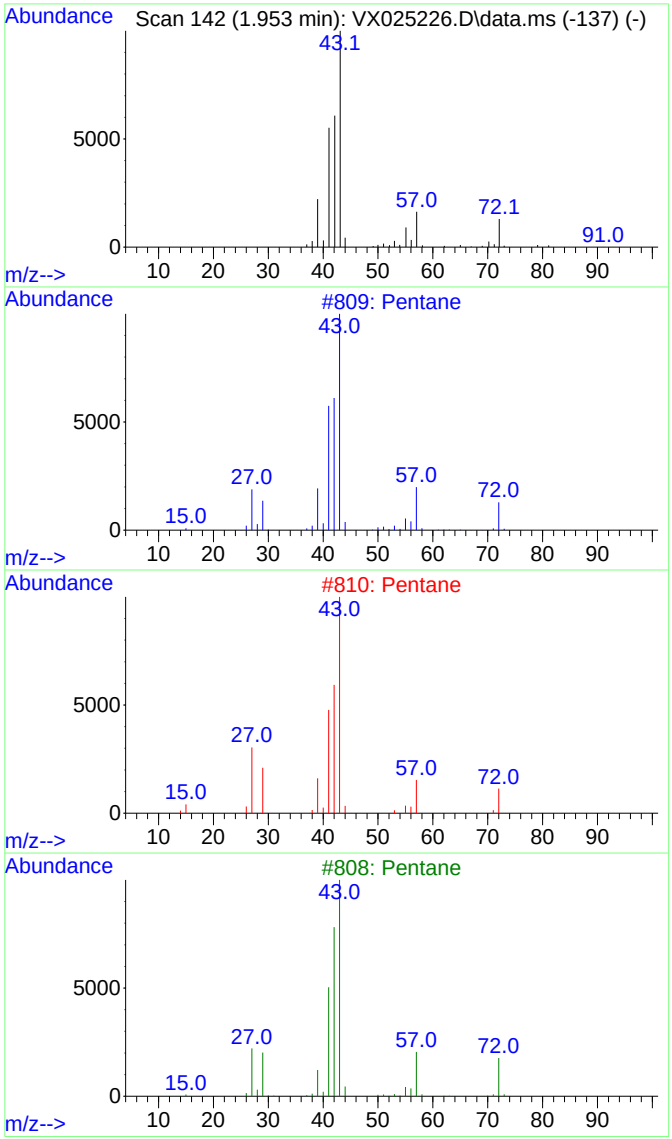
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

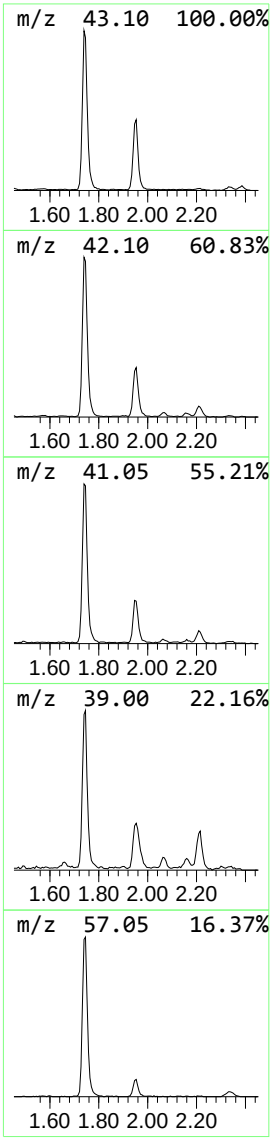
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.953	7.77 ug/L	59773	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

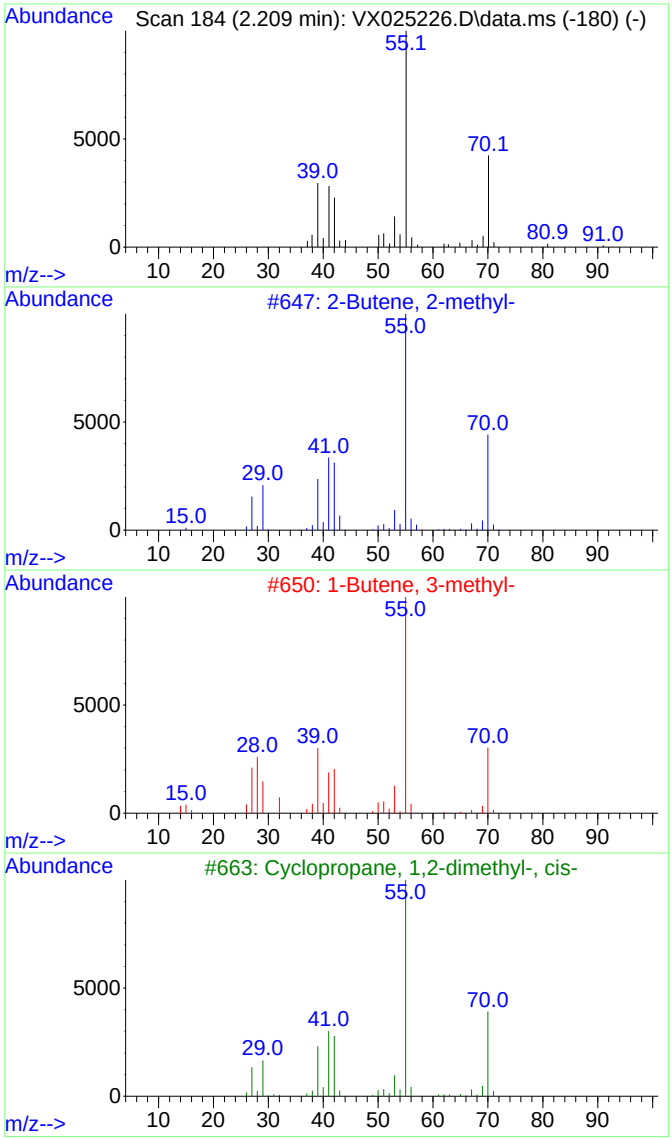
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

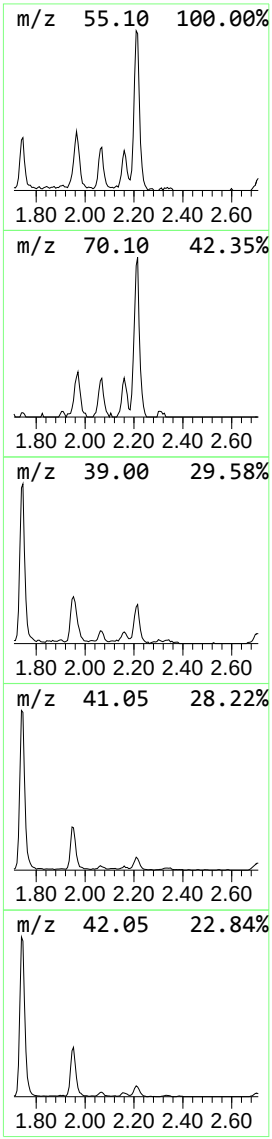
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.209	4.71 ug/L	36273	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
2	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	86
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

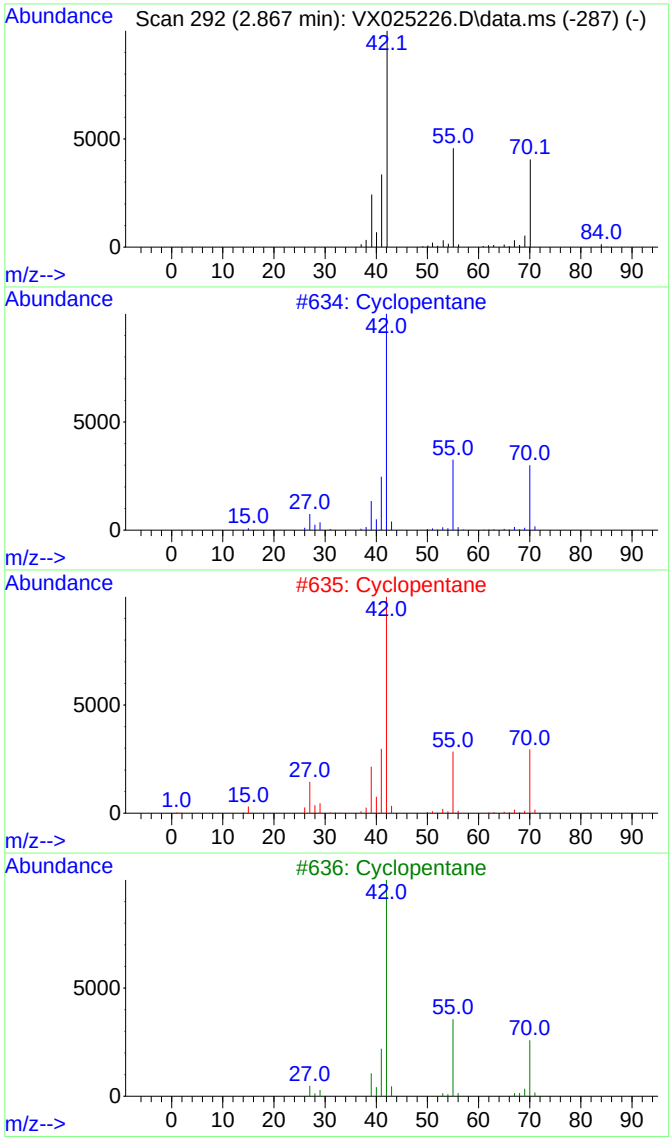
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

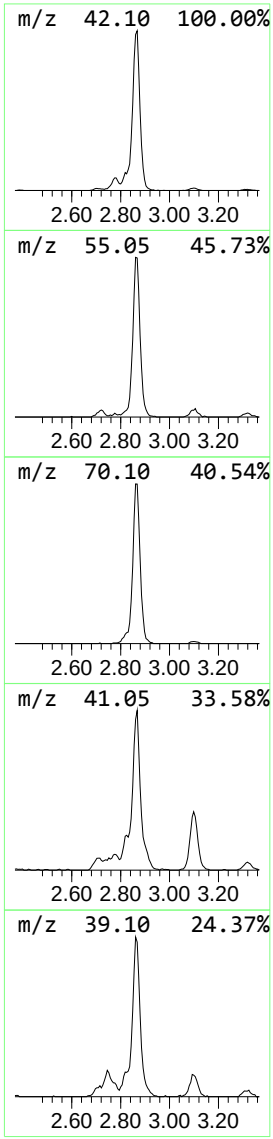
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic2.867 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.867	31.22 ug/L	240301	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	Cyclopentane	70	C5H10	000287-92-3	78
3	Cyclopentane	70	C5H10	000287-92-3	78
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	78
5	1-Pentene	70	C5H10	000109-67-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

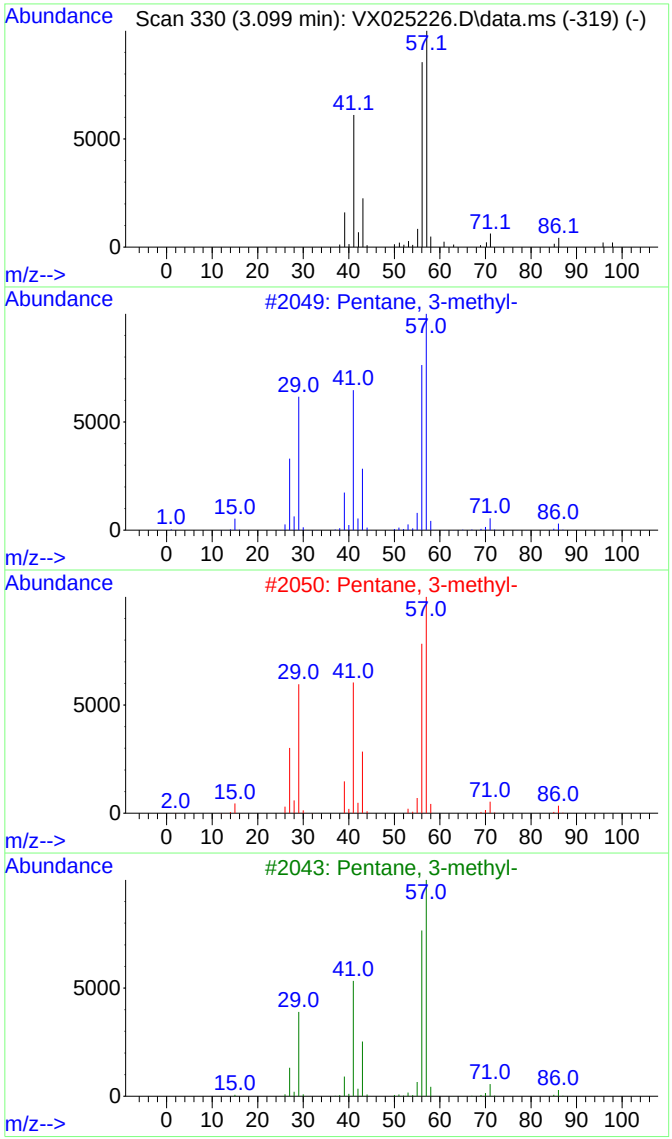
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

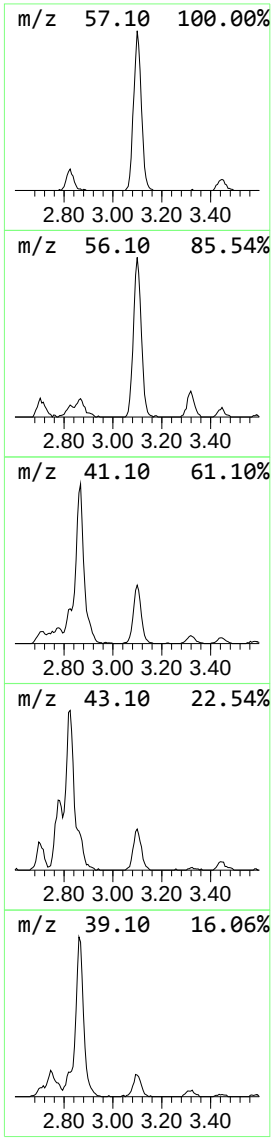
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.099	8.59 ug/L	66112	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	56
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

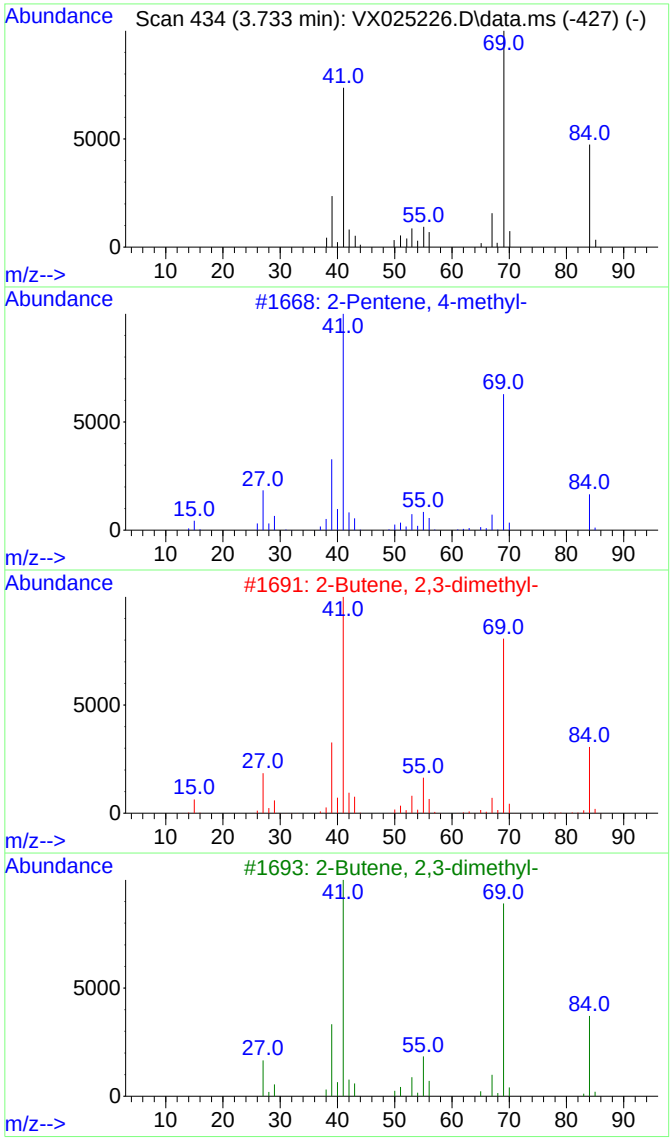
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

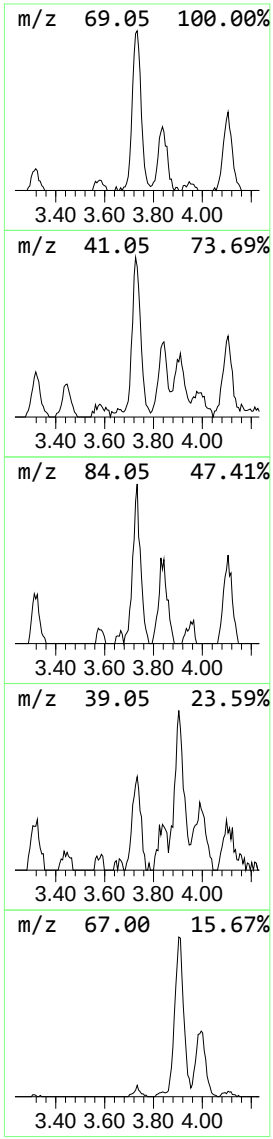
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.733	3.22 ug/L	24774	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	90
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
4	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	90
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

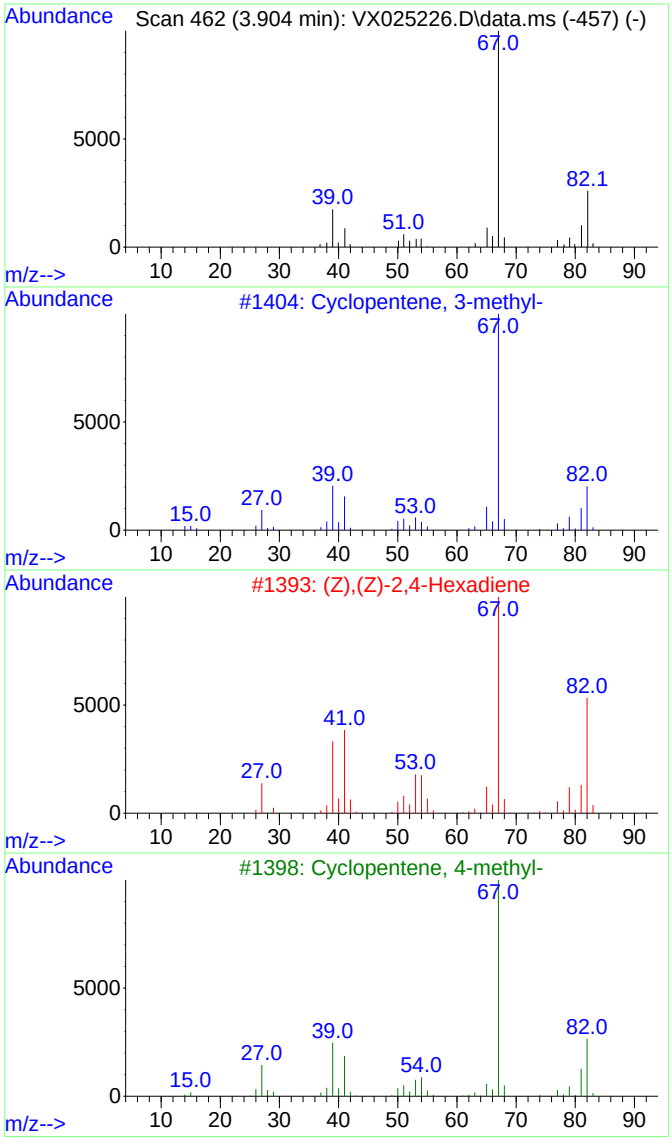
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

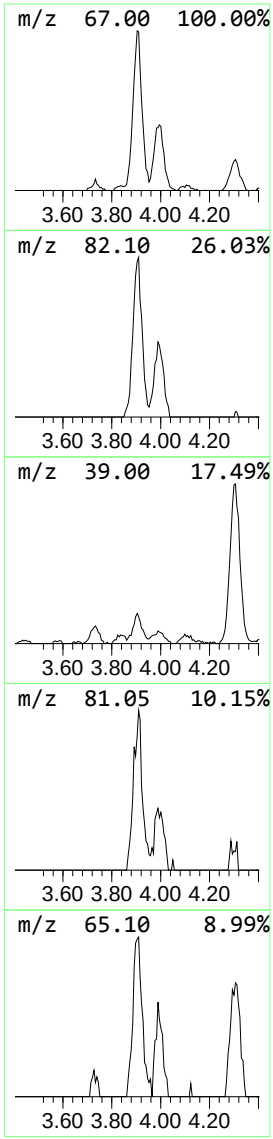
****

Peak Number 7 Cyclopentene, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.904	4.18 ug/L	32183	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
2	(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	87
3	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	86
4	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	86
5	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

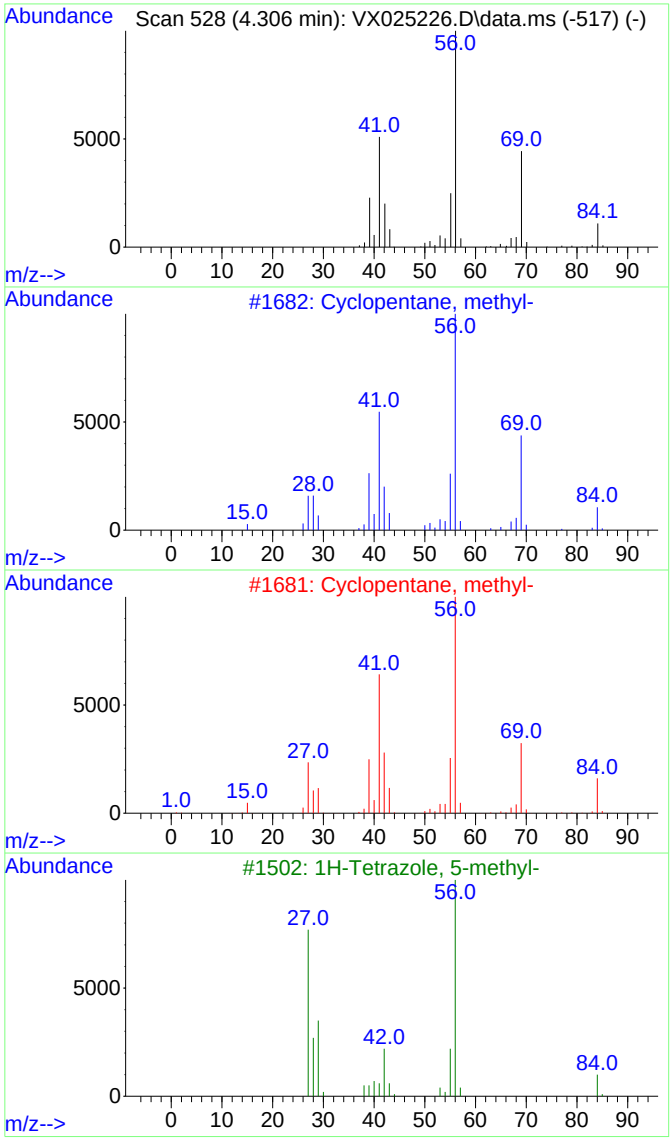
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

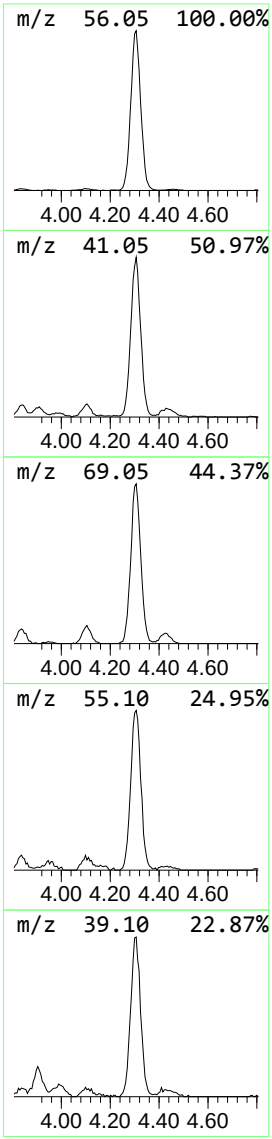
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic4.306 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.306	37.15 ug/L	285921	1,4-Difluorobenzene	6.763

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	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

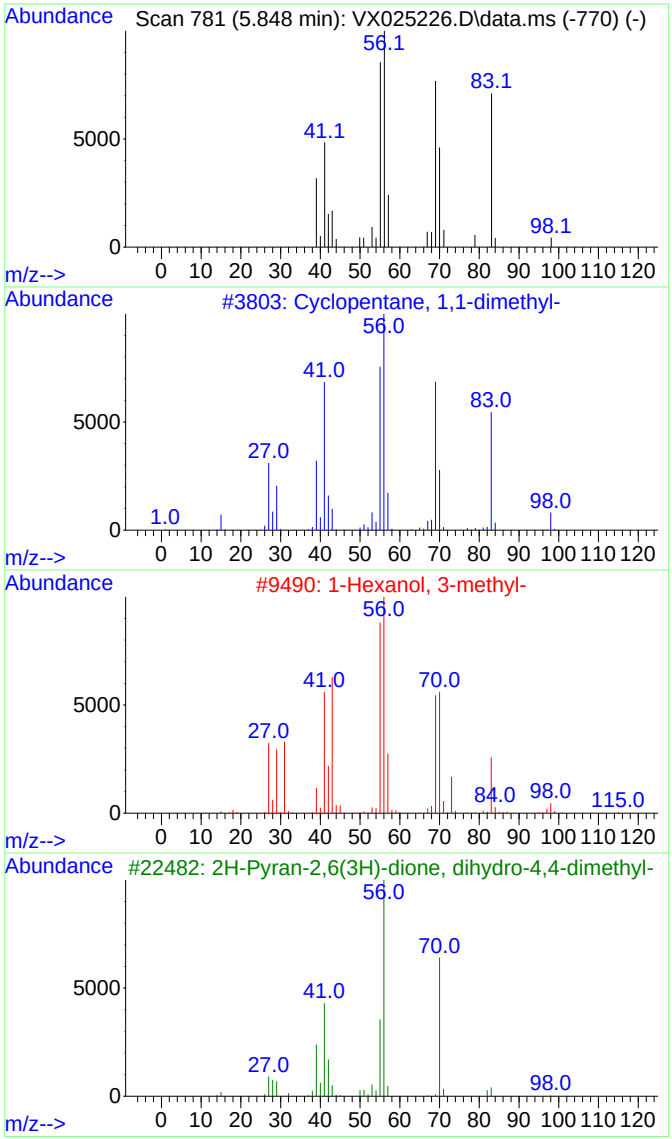
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

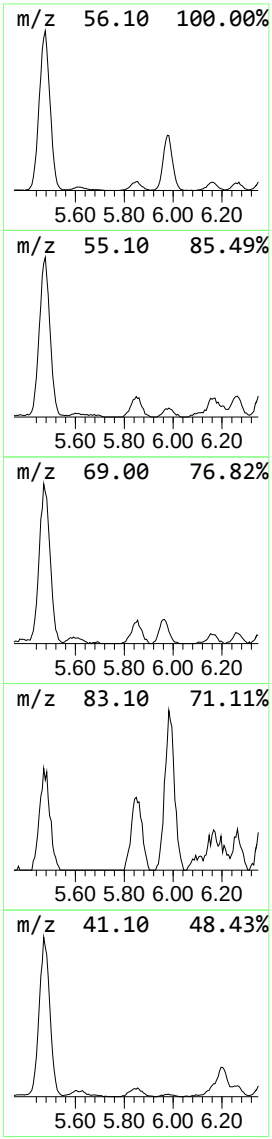
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic5.848 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.848	3.88 ug/L	29886	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	83
2	1-Hexanol, 3-methyl-	116	C7H16O	013231-81-7	47
3	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	38
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38
5	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

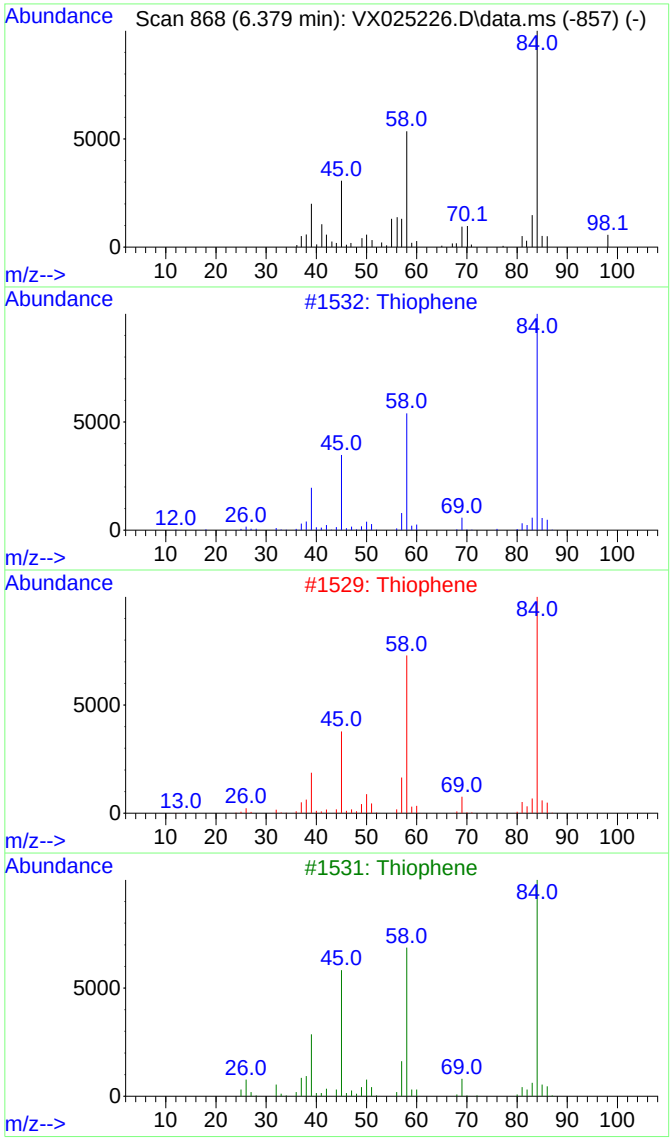
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

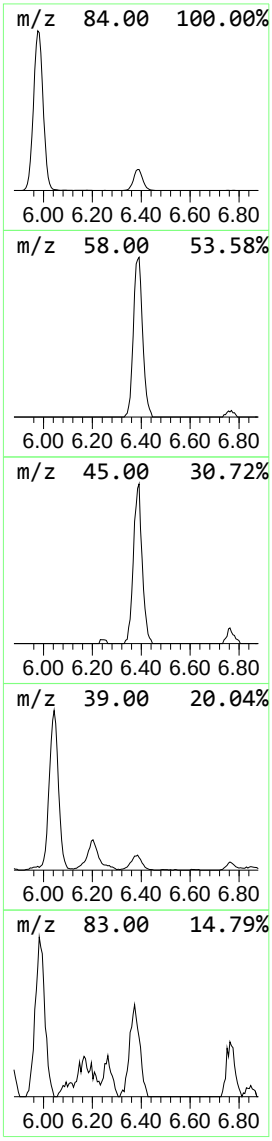
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.379	12.65 ug/L	97356	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	87
2	Thiophene	84	C4H4S	000110-02-1	87
3	Thiophene	84	C4H4S	000110-02-1	74
4	Thiophene	84	C4H4S	000110-02-1	64
5	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

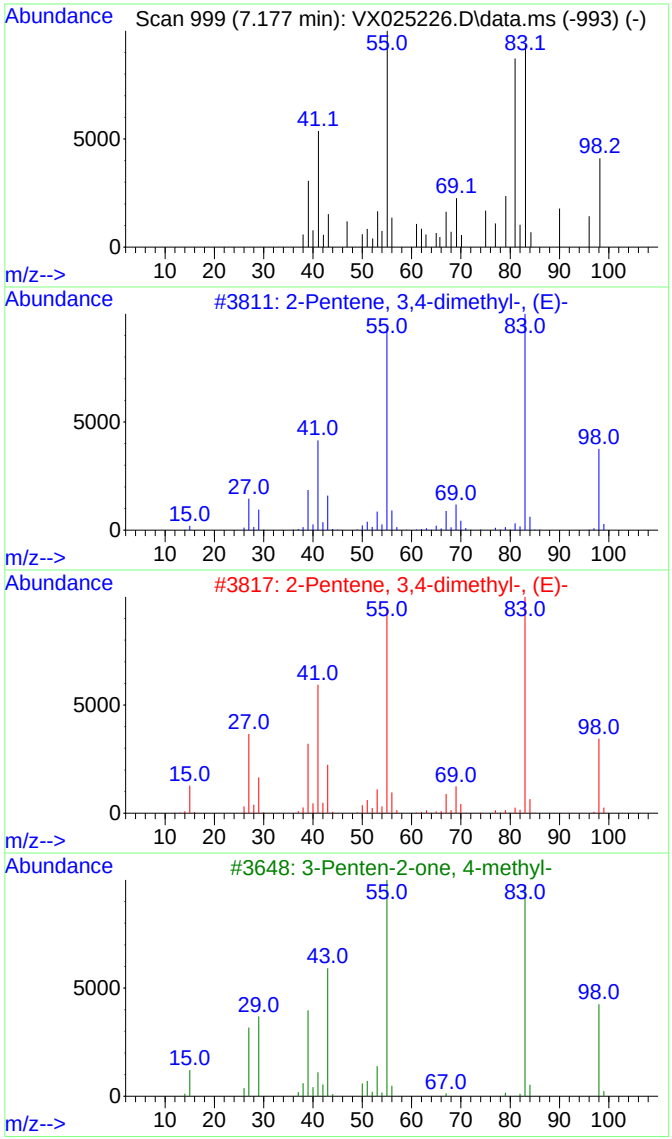
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

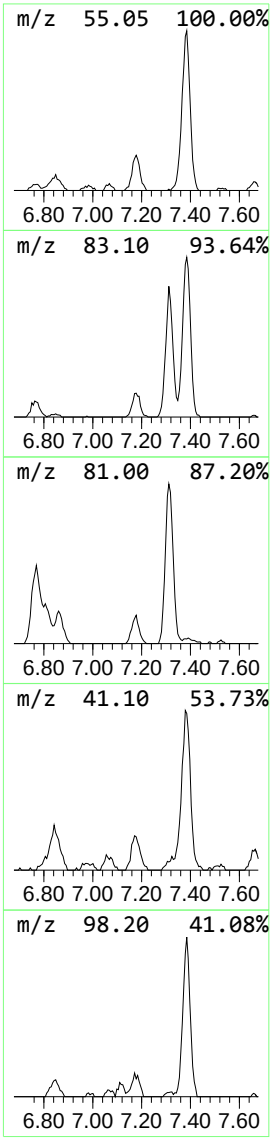
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.177	2.83 ug/L	21760	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	45
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	45
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	45
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	43
5	3-Hexen-2-one	98	C6H10O	000763-93-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

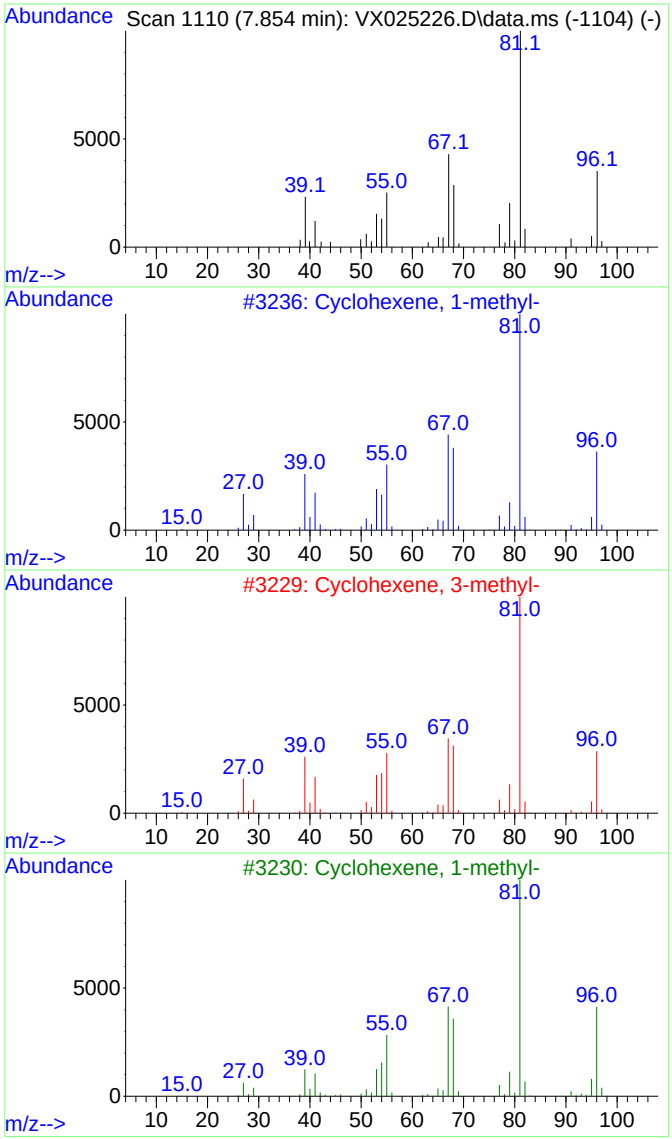
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

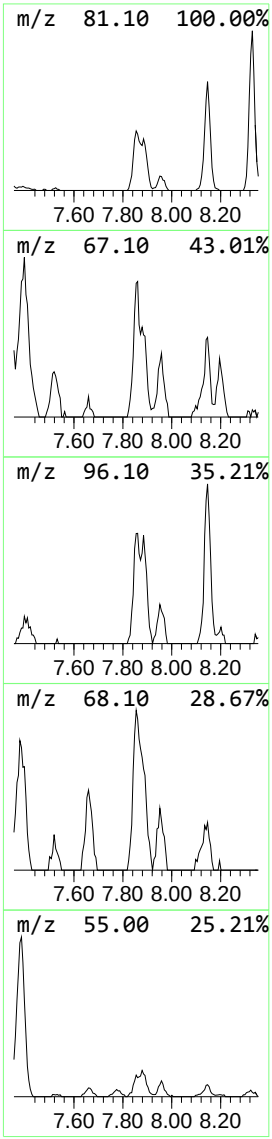
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.854	2.88 ug/L	22166	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	90
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	74
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

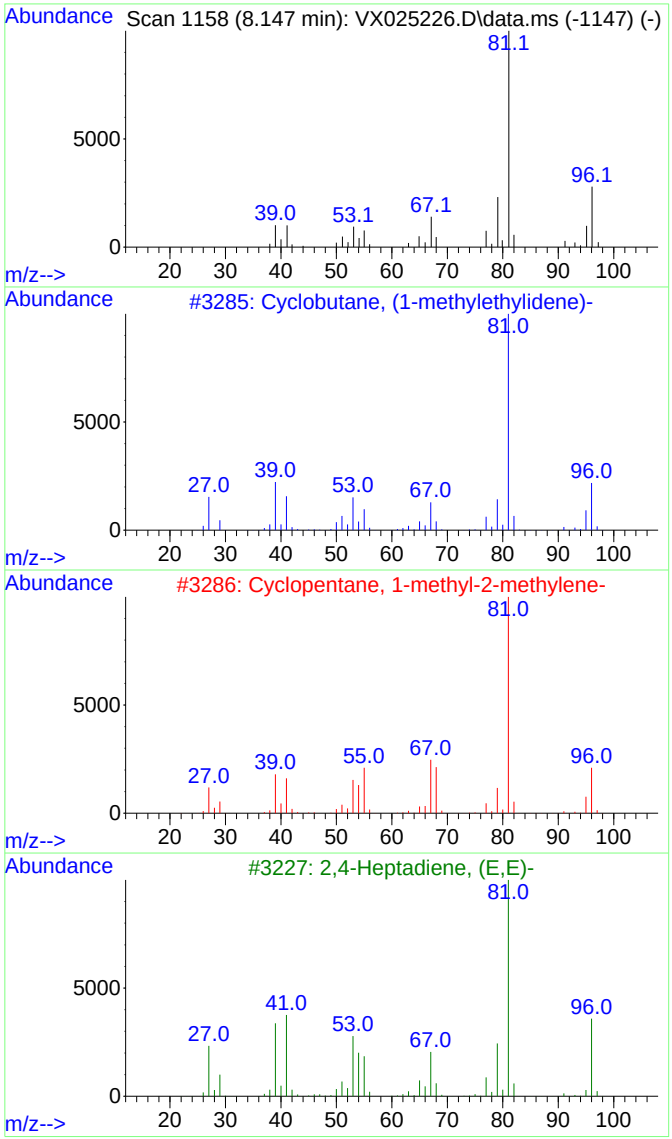
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

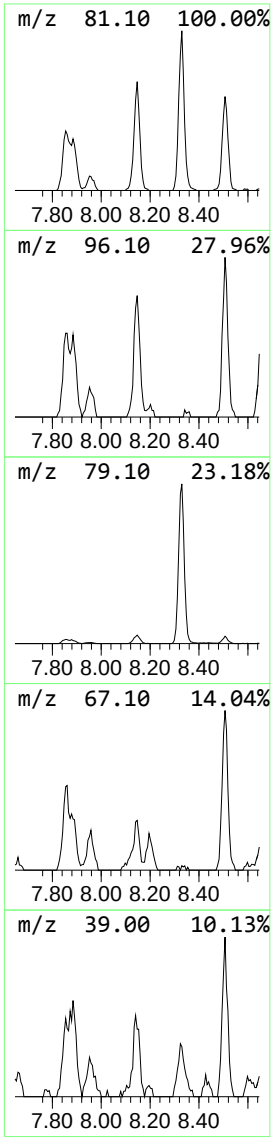
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclobutane, (1-methylethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.147	3.94 ug/L	30296	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	87
2	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	87
3	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	87
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
5	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

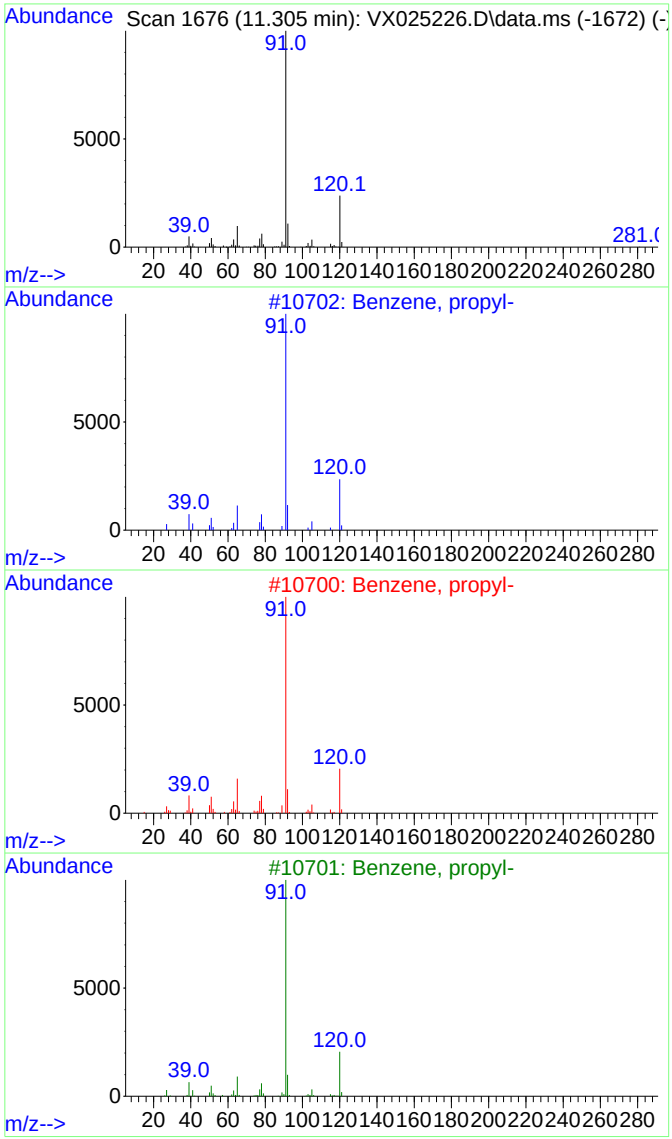
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

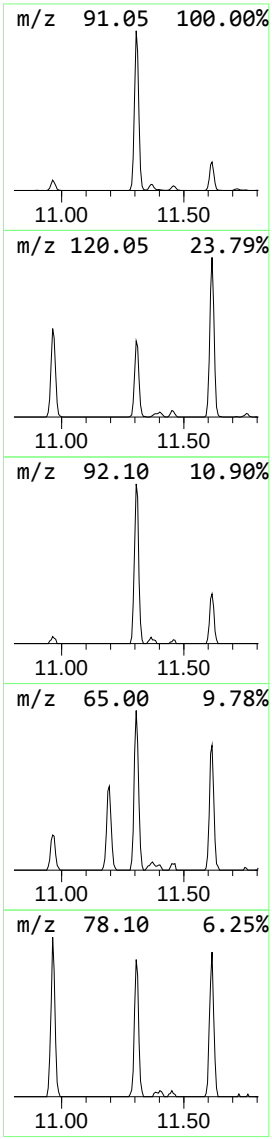
****

Peak Number 15 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.305	4.54 ug/L	121226	1,4-Dichlorobenzene-d4	12.024

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	90
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

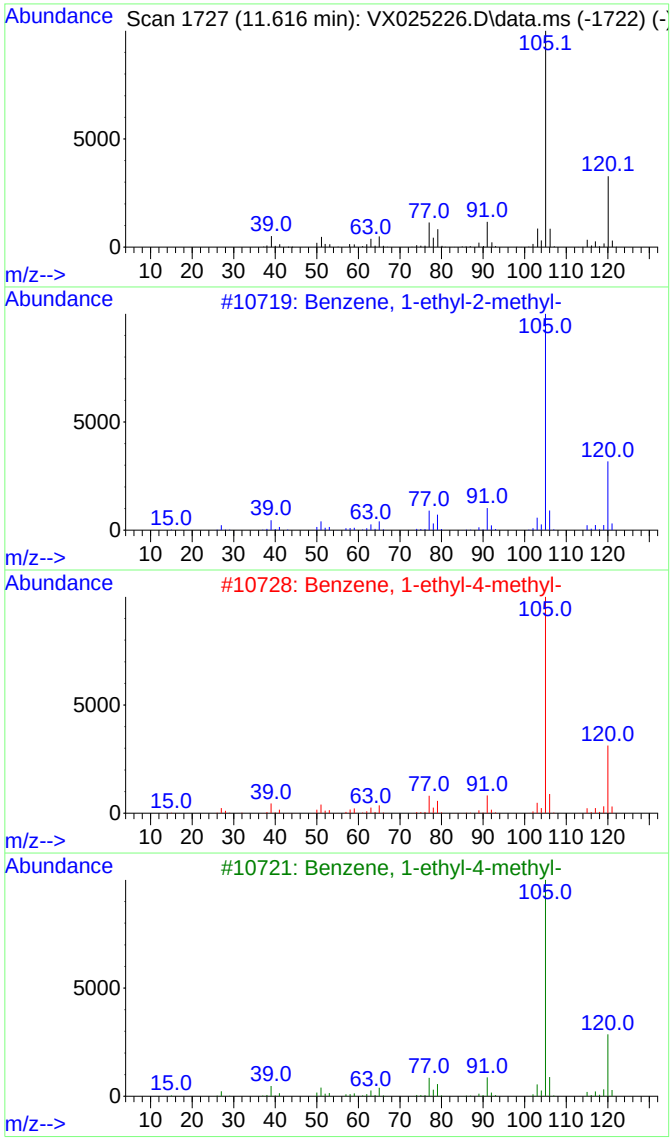
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

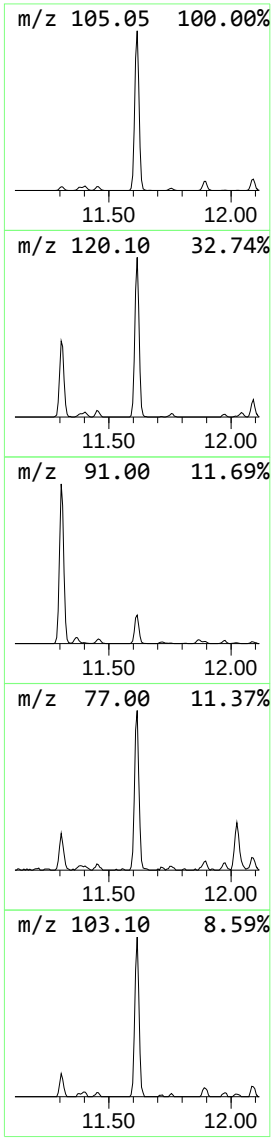
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	8.79 ug/L	234846	1,4-Dichlorobenzene-d4	12.024

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-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

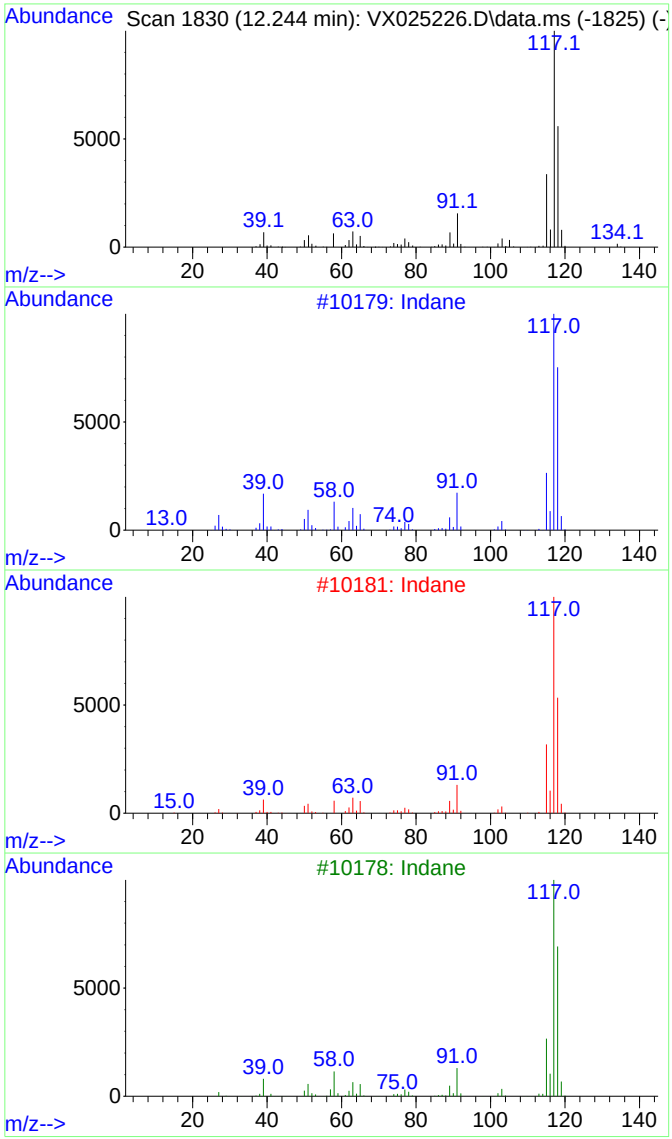
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

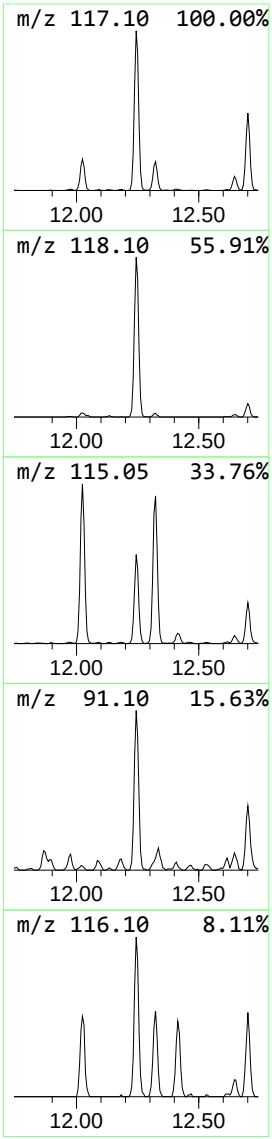
****

Peak Number 17 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	8.98 ug/L	239916	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	90
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

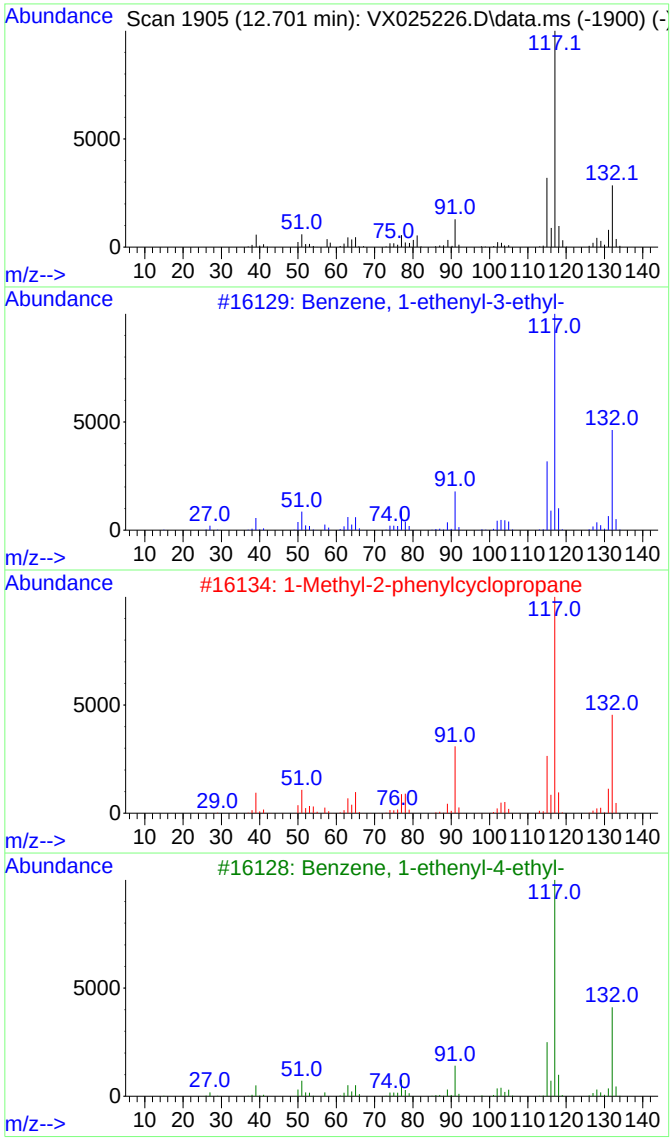
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

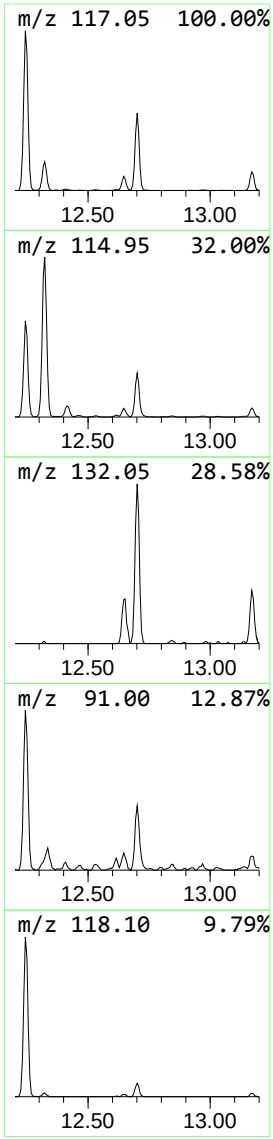
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	4.31 ug/L	115293	1,4-Dichlorobenzene-d4	12.024

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	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

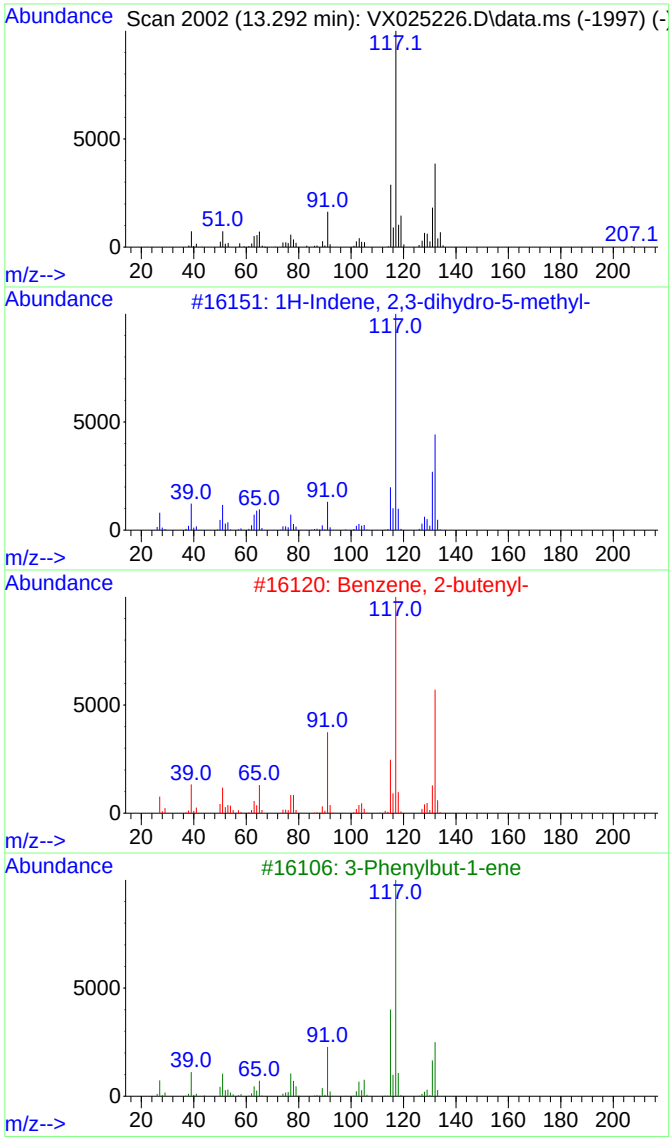
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

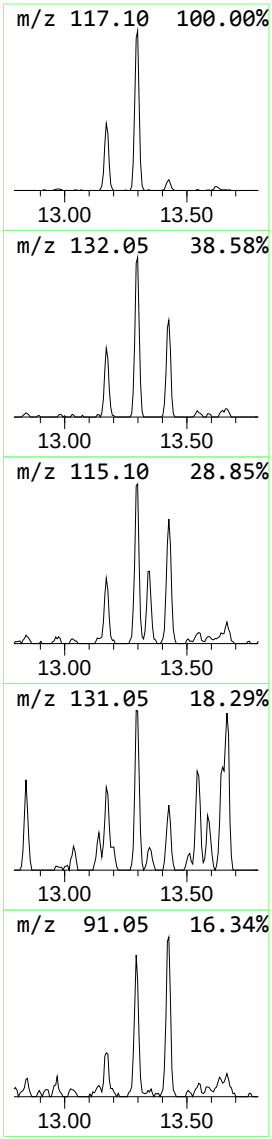
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	2.84 ug/L	75811	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

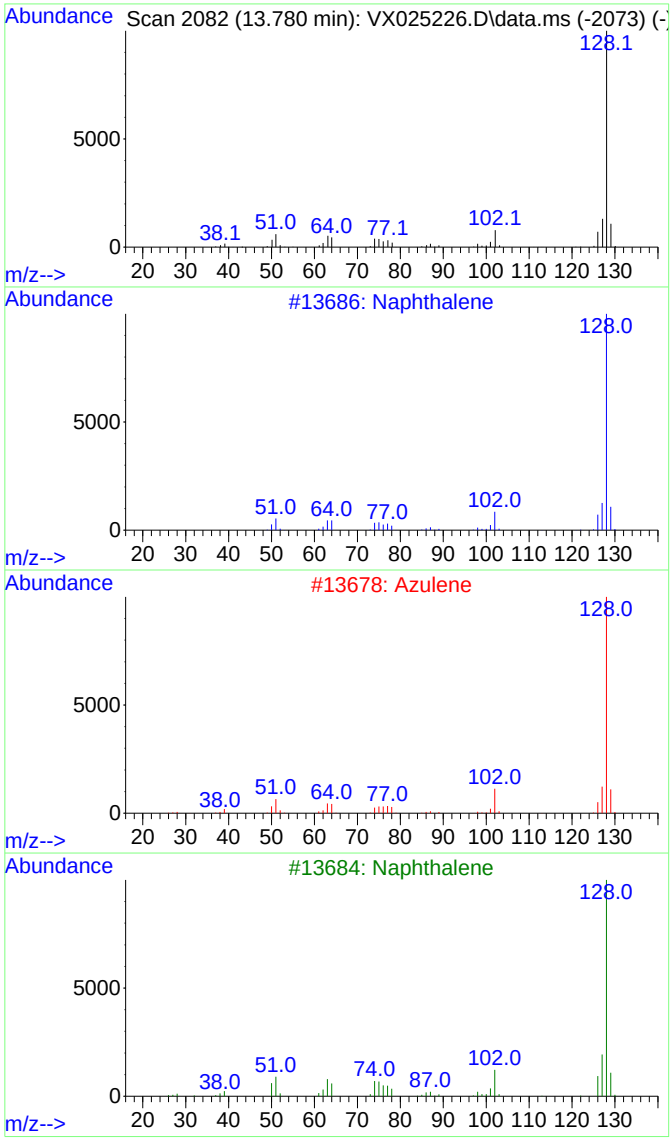
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

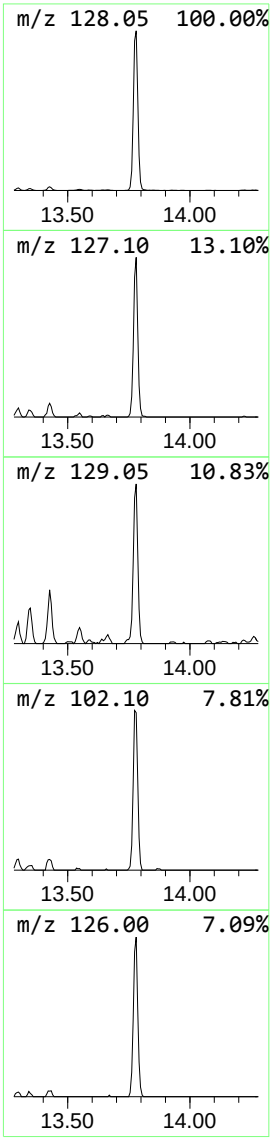
****

Peak Number 20 Azulene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	8.03 ug/L	214505	1,4-Dichlorobenzene-d4	12.024

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025226.D
Acq On : 18 Nov 2021 21:54
Operator : JC/MD
Sample : M4677-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.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...	1.739	22.5	ug/L	172857	1	6.763	384794	50.0
(DEL) Alkane: S...	1.953	7.8	ug/L	59773	1	6.763	384794	50.0
(DEL) Alkane: S...	2.209	4.7	ug/L	36273	1	6.763	384794	50.0
(DEL) Alkane: C...	2.867	31.2	ug/L	240301	1	6.763	384794	50.0
(DEL) Alkane: S...	3.099	8.6	ug/L	66112	1	6.763	384794	50.0
(DEL) Alkane: S...	3.733	3.2	ug/L	24774	1	6.763	384794	50.0
Cyclopentene, 3...	3.904	4.2	ug/L	32183	1	6.763	384794	50.0
(DEL) Alkane: C...	4.306	37.1	ug/L	285921	1	6.763	384794	50.0
(DEL) Alkane: C...	5.848	3.9	ug/L	29886	1	6.763	384794	50.0
Thiophene	6.379	12.7	ug/L	97356	1	6.763	384794	50.0
(DEL) Alkane: S...	7.177	2.8	ug/L	21760	1	6.763	384794	50.0
Cyclohexene, 1-...	7.854	2.9	ug/L	22166	1	6.763	384794	50.0
Cyclobutane, (1...	8.147	3.9	ug/L	30296	1	6.763	384794	50.0
Benzene, propyl-	11.305	4.5	ug/L	121226	3	12.024	1336000	50.0
Benzene, 1-ethy...	11.616	8.8	ug/L	234846	3	12.024	1336000	50.0
Indane	12.244	9.0	ug/L	239916	3	12.024	1336000	50.0
Benzene, 1-ethe...	12.701	4.3	ug/L	115293	3	12.024	1336000	50.0
1H-Indene, 2,3-...	13.292	2.8	ug/L	75811	3	12.024	1336000	50.0
Azulene	13.780	8.0	ug/L	214505	3	12.024	1336000	50.0