LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

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_V\METHOD\SOMVLM060820WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.222	36	41	54	rVB	46978	47604	4.11%	0.377%
2	1.315	61	70	79	rVB	382798	419573	36.24%	3.319%
3	1.363	80	85	97	rVB	93435	87819	7.59%	0.695%
4	1.421	97	103	108	rBV	72050	62091	5.36%	0.491%
5	1.611	156	162	174	rVB	71864	95967	8.29%	0.759%
6	1.759	201	208	214	rBV	48004	59120	5.11%	0.468%
7	1.801	214	221	238	rVB	69359	100893	8.72%	0.798%
8	1.897	245	251	261	rVB	70718	88694	7.66%	0.702%
9	1.981	272	277	284	rVV	35637	41707	3.60%	0.330%
10	2.026	285	291	303	rVB	62303	85123	7.35%	0.673%
11	2.113	308	318	335	rBV	243212	370723	32.02%	2.932%
12	2.833	540	542	548	rVB6	1200	826	0.07%	0.007%
13	2.859	548	550	556	rBV5	1181	1014	0.09%	0.008%
14	3.016	597	599	601	rVB3	1025	350	0.03%	0.003%
15	3.052	601	610	623	rBV3	5463	10862	0.94%	0.086%
16	3.142	636	638	640	rBV3	1475	808	0.07%	0.006%
17	3.174	640	648	652	rVV9	3966	5744	0.50%	0.045%
18	3.341	697	700	702	rBV3	1009	586	0.05%	0.005%
19	3.370	706	709	712	rBV5	2297	2057	0.18%	0.016%
20	3.598	773	780	787	rVB5	3212	5591	0.48%	0.044%
21	3.630	787	790	793	rBV5	2512	2026	0.18%	0.016%
22	3.659	796	799	801	rVV4	858	533	0.05%	0.004%
23	3.701	810	812	818	rVB6	1988	1603	0.14%	0.013%
24	3.781	818	837	855	rBV4	36597	99492	8.59%	0.787%
25	3.897	863	873	900	rBV	97629	263049	22.72%	2.081%
26	4.142	947	949	951	rBV2	1397	543	0.05%	0.004%
27	4.270	986	989	992	rVB5	1841	1046	0.09%	0.008%
28	4.286	992	994	995	rBV2	1121	642	0.06%	0.005%
29	4.373	1007	1021	1045	rVB	217277	515431	44.52%	4.077%
30	4.572	1080	1083	1088	rVB7	1459	1576	0.14%	0.012%
31	4.698	1106	1122	1140	rBV4	49915	130818	11.30%	1.035%
32	4.907	1185	1187	1191	rVB5	831	296	0.03%	0.002%
33	4.932	1193	1195	1197	rBV3	1204	489	0.04%	0.004%
34	5.071	1220	1238	1242	rBV2	529319	1149782	99.32%	9.095%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

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_V\METHOD\SOMVLM060820WMA.M
Title : VOC Analysis

35	5.637	1402	1414	1437	rBV	437979	869875	75.14%	6.881%
36	5.785	1458	1460	1462	rBV2	1572	525	0.05%	0.004%
37	5.878	1487	1489	1493	rVB4	1759	986	0.09%	0.008%
38	6.093	1543	1556	1571	rBV	292957	584973	50.53%	4.627%
39	6.309	1621	1623	1624	rBV2	1499	635	0.05%	0.005%
40	6.341	1631	1633	1635	rBV3	1267	538	0.05%	0.004%
41	6.357	1635	1638	1641	rBV5	1277	799	0.07%	0.006%
42	6.392	1645	1649	1651	rBV4	1902	1346	0.12%	0.011%
43	6.524	1686	1690	1692	rBV5	959	792	0.07%	0.006%
44	6.559	1697	1701	1703	rBV5	3209	2915	0.25%	0.023%
45	6.694	1741	1743	1745	rBV2	1584	627	0.05%	0.005%
46	6.752	1759	1761	1762	rBV2	1451	487	0.04%	0.004%
47	6.807	1775	1778	1779	rBV3	2470	1274	0.11%	0.010%
48	6.903	1802	1808	1811	rBV7	1401	1342	0.12%	0.011%
49	6.952	1821	1823	1824	rBV2	592	300	0.03%	0.002%
50	7.006	1827	1840	1860	rVV	175658	317263	27.41%	2.509%
51	7.190	1885	1897	1908	rVB	8200	16907	1.46%	0.134%
52	7.338	1931	1943	1956	rBV	608002	1037120	89.59%	8.203%
53	7.411	1959	1966	1983	rVB	98406	173300	14.97%	1.371%
54	7.598	2021	2024	2026	rBV4	1579	1120	0.10%	0.009%
55	7.640	2029	2037	2053	rVB	124282	203088	17.54%	1.606%
56	7.942	2129	2131	2132	rBV2	1510	553	0.05%	0.004%
57	8.038	2156	2161	2164	rBV7	1637	1295	0.11%	0.010%
58	8.112	2172	2184	2213	rBV2	307327	633956	54.76%	5.014%
59	8.408	2274	2276	2277	rBV2	893	286	0.02%	0.002%
60	8.460	2289	2292	2293	rBV3	950	437	0.04%	0.003%
61	8.710	2367	2370	2371	rBV3	1200	680	0.06%	0.005%
62	8.874	2407	2421	2430	rBV	658410	1071539	92.56%	8.476%
63	9.035	2463	2471	2484	rVB	74436	114954	9.93%	0.909%
64	9.161	2502	2510	2527	rVB	183609	314354	27.15%	2.486%
65	9.286	2539	2549	2555	rBV3	27025	47334	4.09%	0.374%
66	9.408	2579	2587	2596	rVB2	28419	44455	3.84%	0.352%
67	9.566	2629	2636	2651	rVB	72027	110989	9.59%	0.878%
68	9.739	2681	2690	2700	rBV	12953	24070	2.08%	0.190%
69	10.045	2783	2785	2786	rBV2	1489	596	0.05%	0.005%
70	10.103	2794	2803	2817	rBV6	23497	41995	3.63%	0.332%
71	10.238	2832	2845	2860	rBV	397703	649052	56.07%	5.134%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

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_V\METHOD\SOMVLM060820WMA.M
Title : VOC Analysis

72	10.762	2999	3008	3016	rBV	36963	68117	5.88%	0.539%
73	10.935	3054	3062	3073	rBV	74932	115690	9.99%	0.915%
74	11.270	3155	3166	3185	rBV	762297	1157654	100.00%	9.157%
75	11.360	3186	3194	3204	rVB	64350	100160	8.65%	0.792%
76	11.649	3273	3284	3296	rVB	717134	1109699	95.86%	8.777%
77	12.042	3400	3406	3413	rBV10	6229	9926	0.86%	0.079%
78	12.386	3511	3513	3514	rBV2	2004	733	0.06%	0.006%
79	12.598	3577	3579	3580	rBV2	1354	513	0.04%	0.004%
80	12.903	3667	3674	3685	rVB3	19318	29652	2.56%	0.235%
81	13.070	3714	3726	3735	rBV3	8130	16065	1.39%	0.127%
82	13.215	3768	3771	3772	rBV3	1624	787	0.07%	0.006%
83	13.389	3820	3825	3832	rBV10	3370	4305	0.37%	0.034%
84	13.527	3859	3868	3881	rBV	48536	78183	6.75%	0.618%
85	13.858	3966	3971	3973	rBV6	1932	1672	0.14%	0.013%
86	13.929	3991	3993	3997	rBV4	1520	1144	0.10%	0.009%
87	13.971	4002	4006	4010	rVB7	1805	1710	0.15%	0.014%
88	14.013	4015	4019	4021	rBV4	940	738	0.06%	0.006%
89	14.045	4027	4029	4031	rBV2	1137	746	0.06%	0.006%
90	14.138	4054	4058	4062	rBV6	1342	1496	0.13%	0.012%
91	14.193	4072	4075	4076	rBV3	1310	629	0.05%	0.005%
92	14.254	4091	4094	4096	rBV4	1657	996	0.09%	0.008%
93	14.427	4146	4148	4156	rVB7	1991	2108	0.18%	0.017%
94	14.463	4156	4159	4161	rBV4	2142	1456	0.13%	0.012%
95	14.659	4214	4220	4224	rBV8	3254	4331	0.37%	0.034%
96	14.816	4265	4269	4271	rBV5	1753	1393	0.12%	0.011%
97	14.964	4312	4315	4317	rVV3	1404	945	0.08%	0.007%
98	15.080	4346	4351	4352	rBV4	1906	1484	0.13%	0.012%
99	15.479	4472	4475	4478	rBV4	2491	1711	0.15%	0.014%
100	15.511	4481	4485	4486	rBV4	1774	1316	0.11%	0.010%

Sum of corrected areas: 12642594

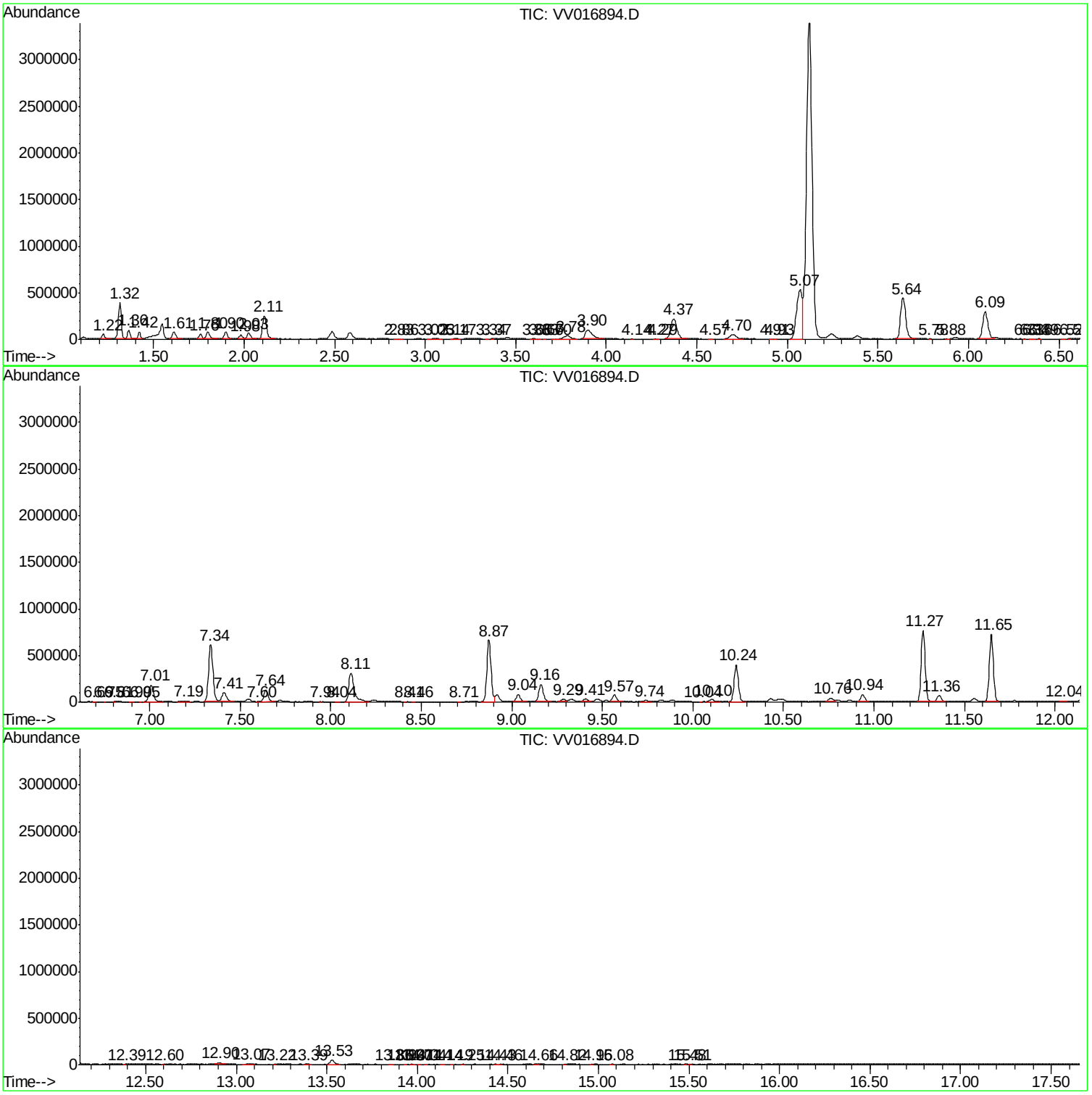
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

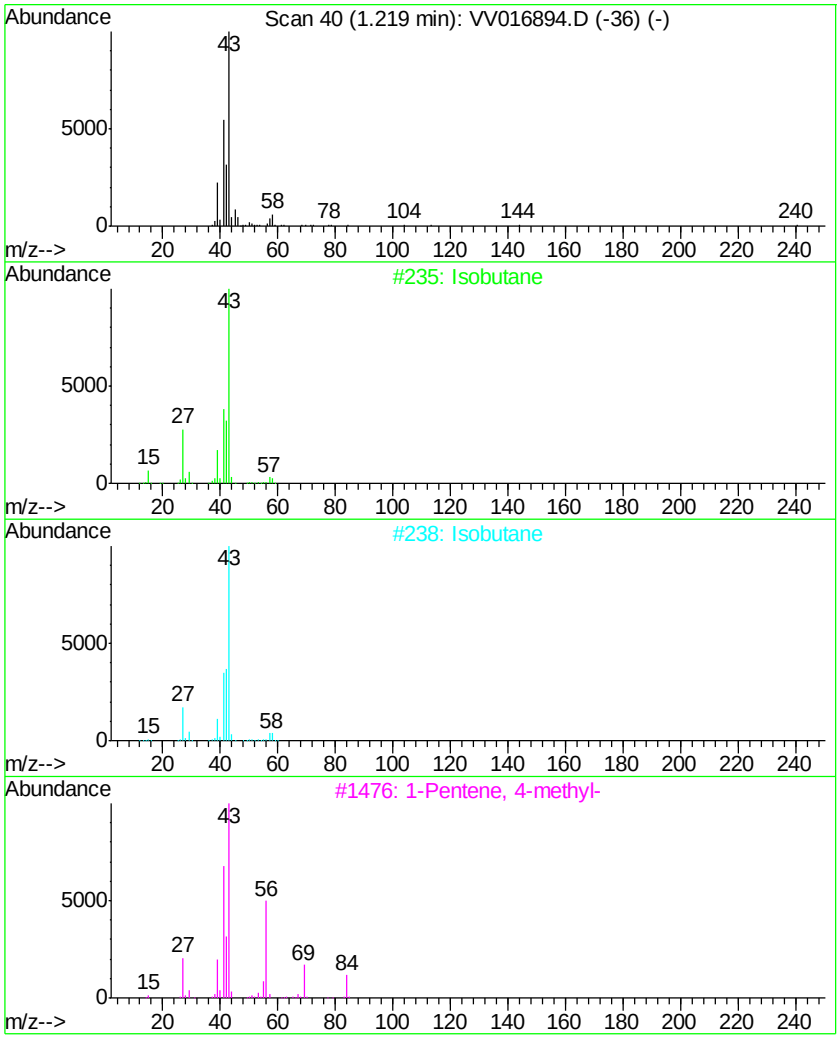
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

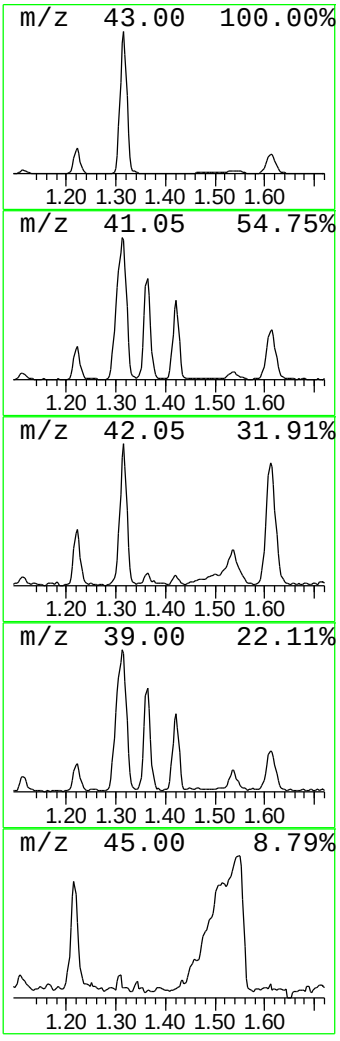
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	2.74 ug/L	47604	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	59
3	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	36
4	Borane, trimethyl-	56	C3H9B	000593-90-8	9
5	Isobutane	58	C4H10	000075-28-5	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

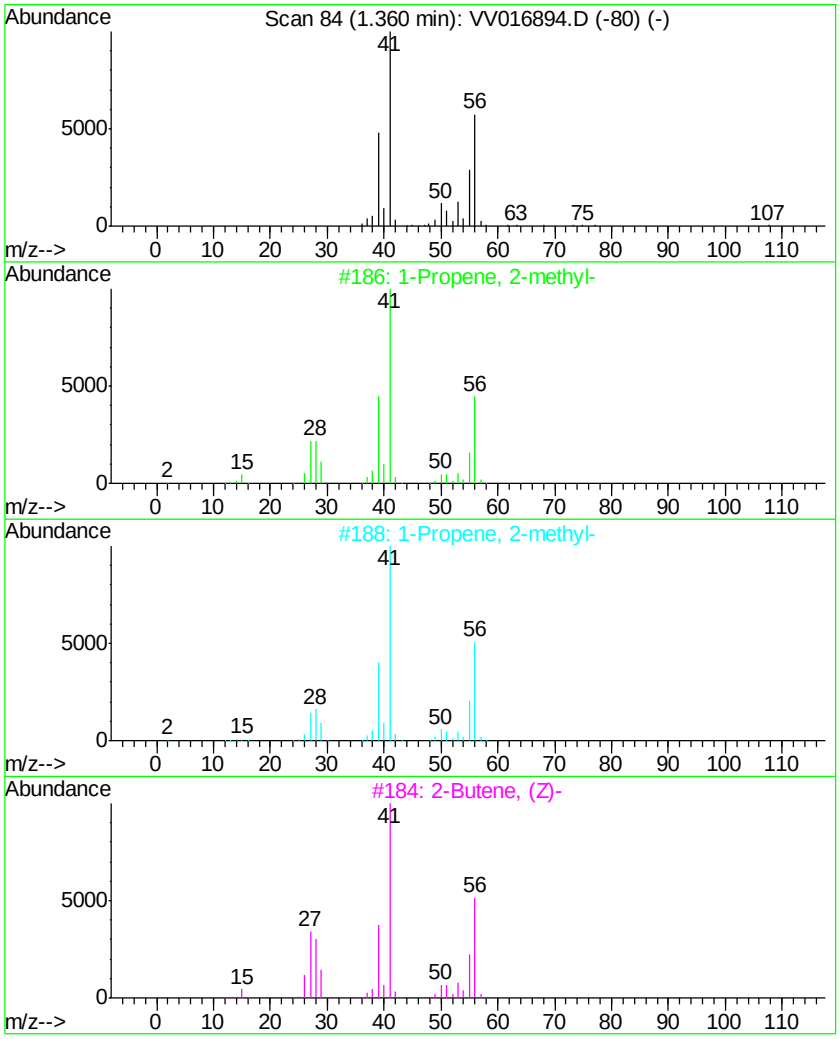
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

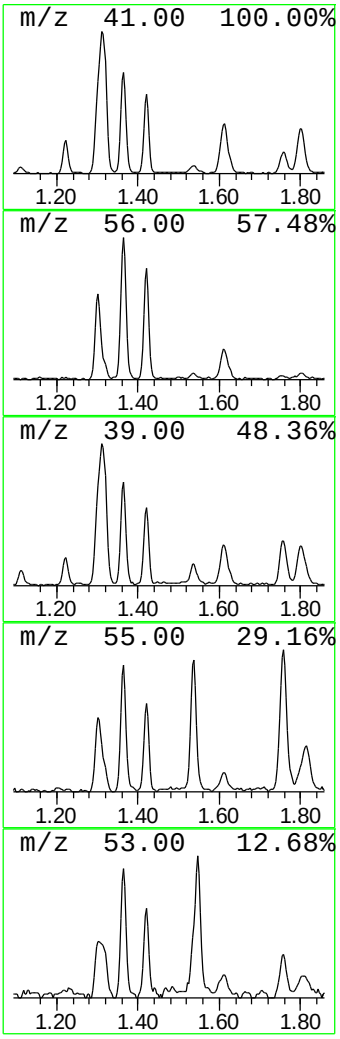
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	5.05 ug/L	87819	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	83
3	2-Butene, (Z)-	56	C4H8	000590-18-1	74
4	2-Butene	56	C4H8	000107-01-7	74
5	2-Butene, (Z)-	56	C4H8	000590-18-1	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

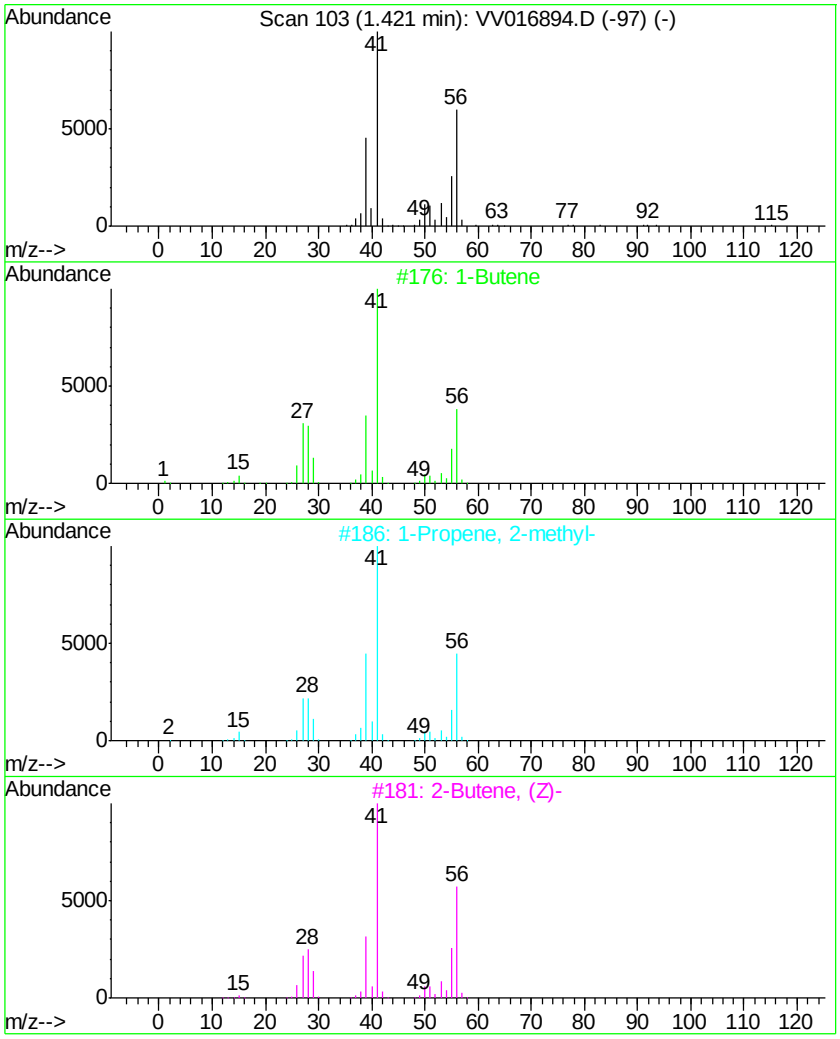
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

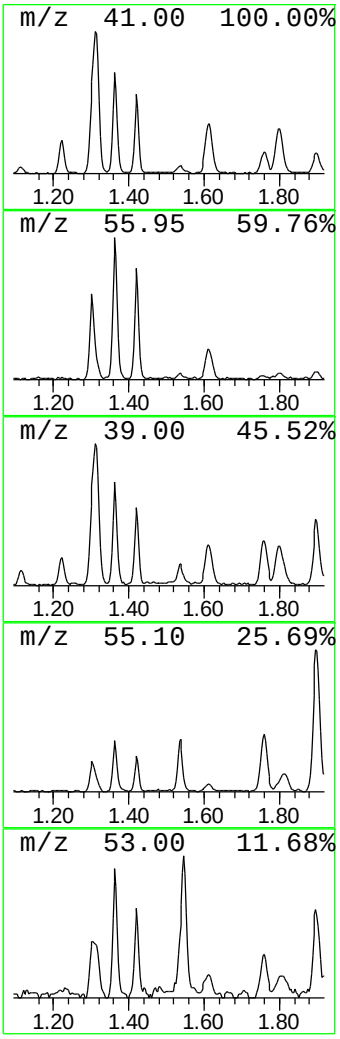
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.42	3.57 ug/L	62091	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	81
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	81
3	2-Butene, (Z)-	56	C4H8	000590-18-1	72
4	1-Butene	56	C4H8	000106-98-9	72
5	2-Butene, (Z)-	56	C4H8	000590-18-1	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

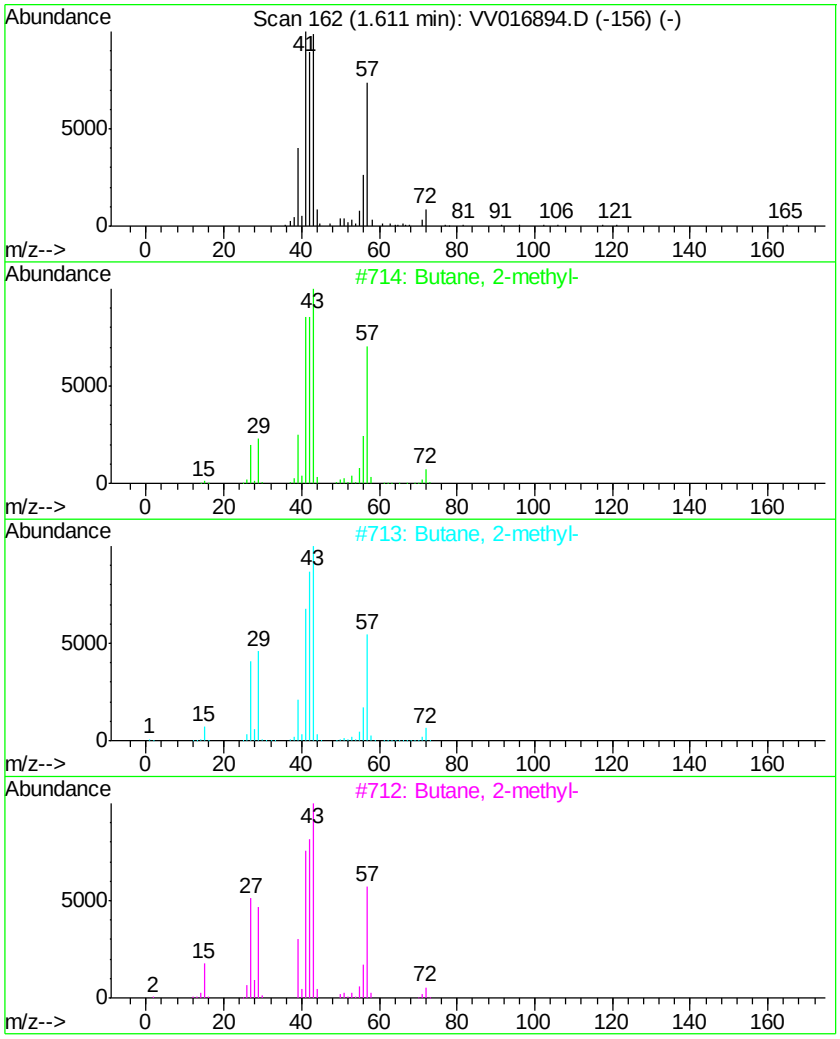
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

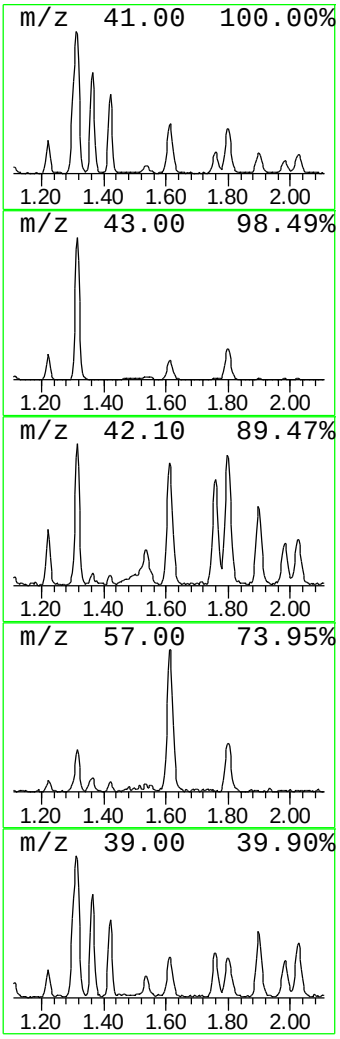
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.61	5.52 ug/L	95967	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	81
2	Butane, 2-methyl-	72	C5H12	000078-78-4	64
3	Butane, 2-methyl-	72	C5H12	000078-78-4	58
4	2-Butene-1,4-diol	88	C4H8O2	000110-64-5	53
5	3-Buten-1-ol	72	C4H8O	000627-27-0	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

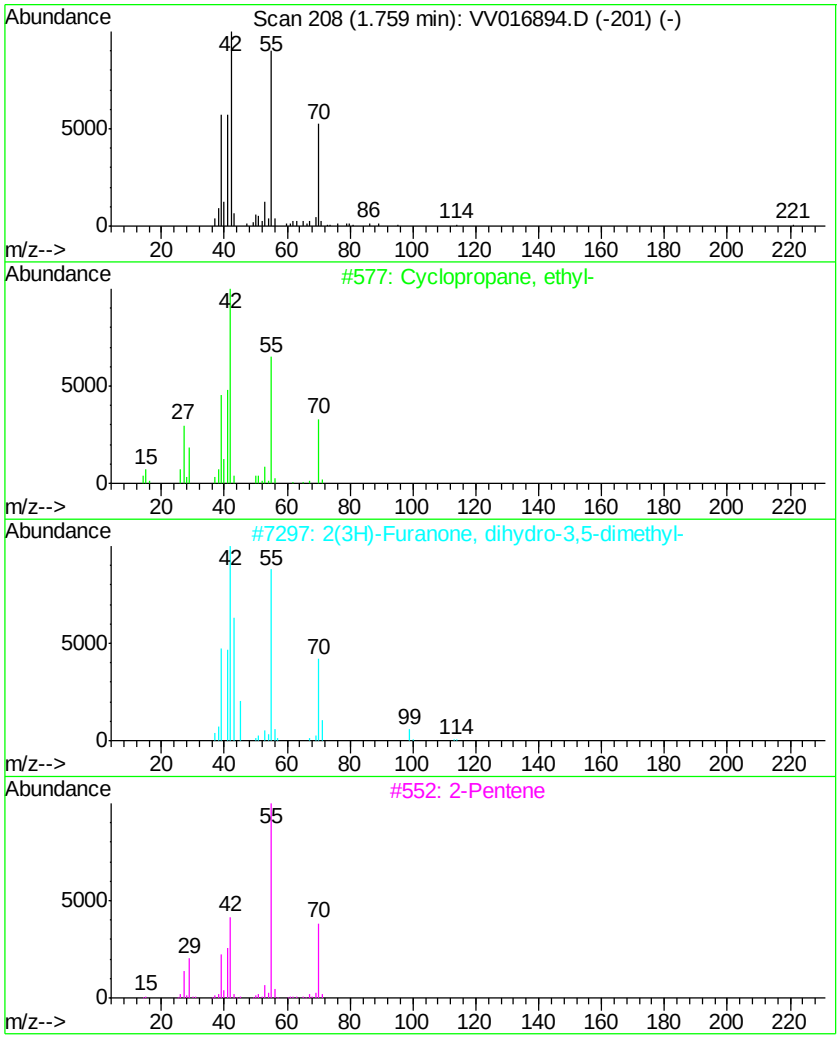
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

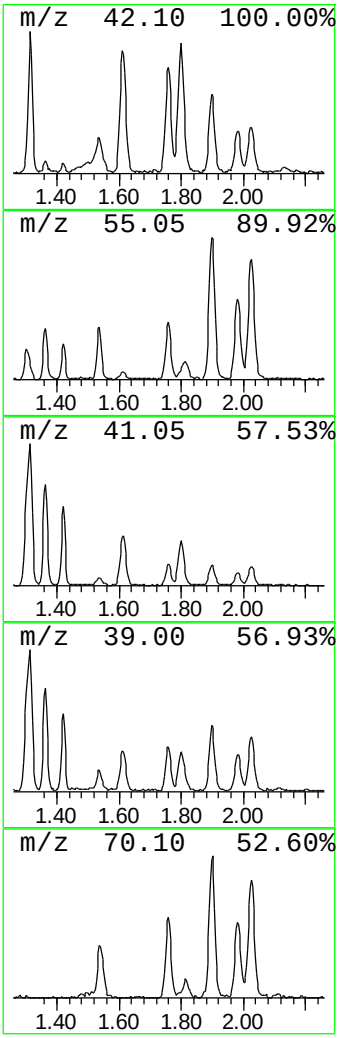
****

Peak Number 5 (DEL) Alkane: Cyclic1.76 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	3.40 ug/L	59120	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	91
2	2(3H)-Furanone, dihydro-3,5-dime...	114	C6H10O2	005145-01-7	91
3	2-Pentene	70	C5H10	000109-68-2	83
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	83
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

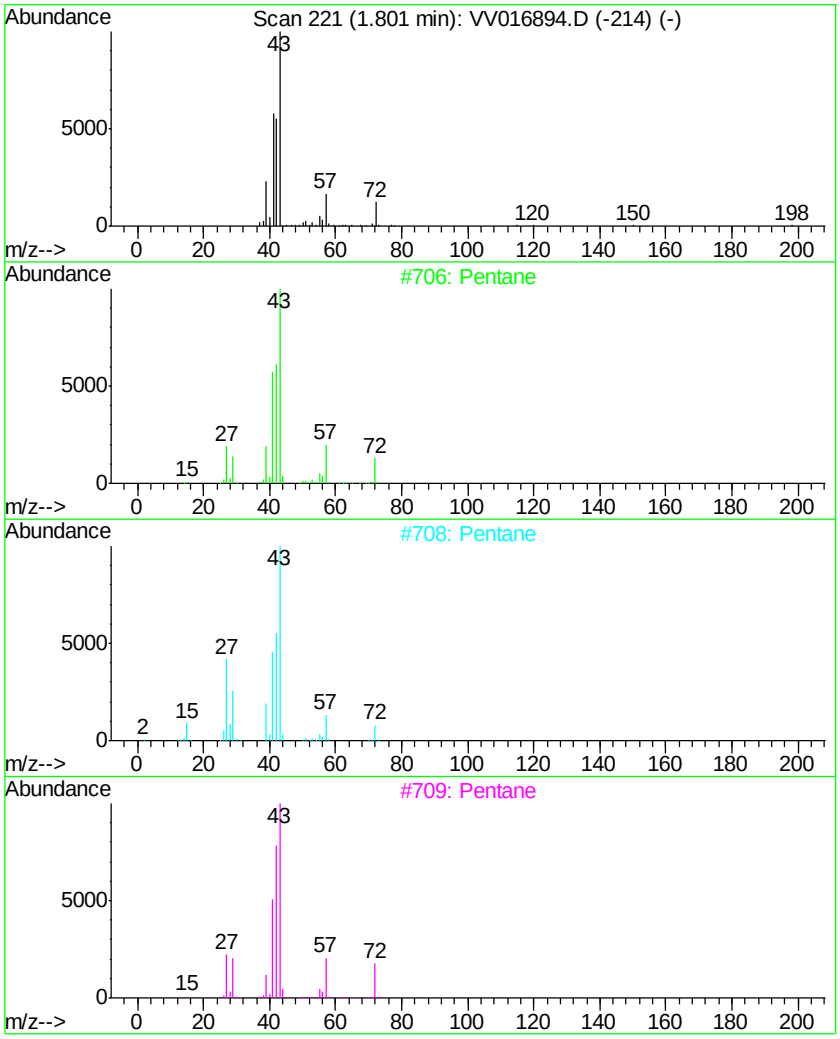
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

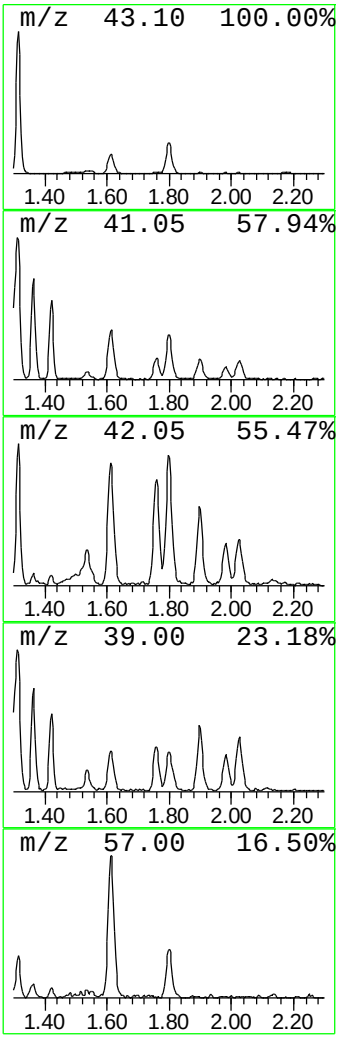
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.80	5.80 ug/L	100893	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	87
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	78
4	Pentane	72	C5H12	000109-66-0	78
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

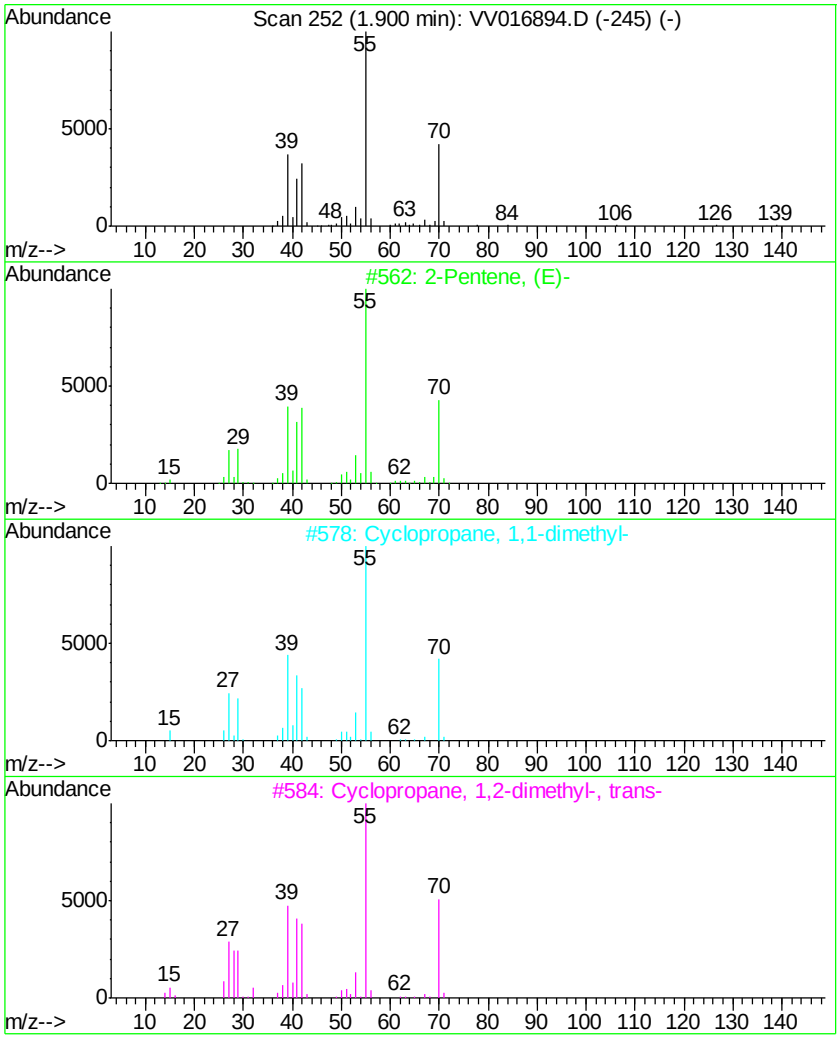
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

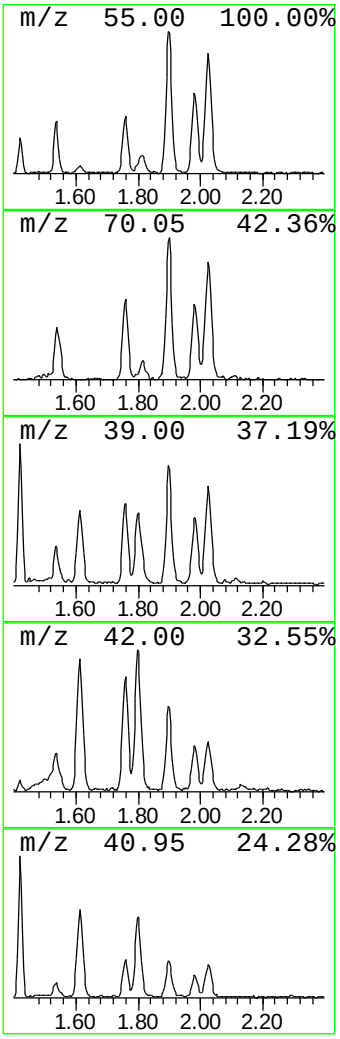
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	5.10 ug/L	88694	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	87
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	83
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

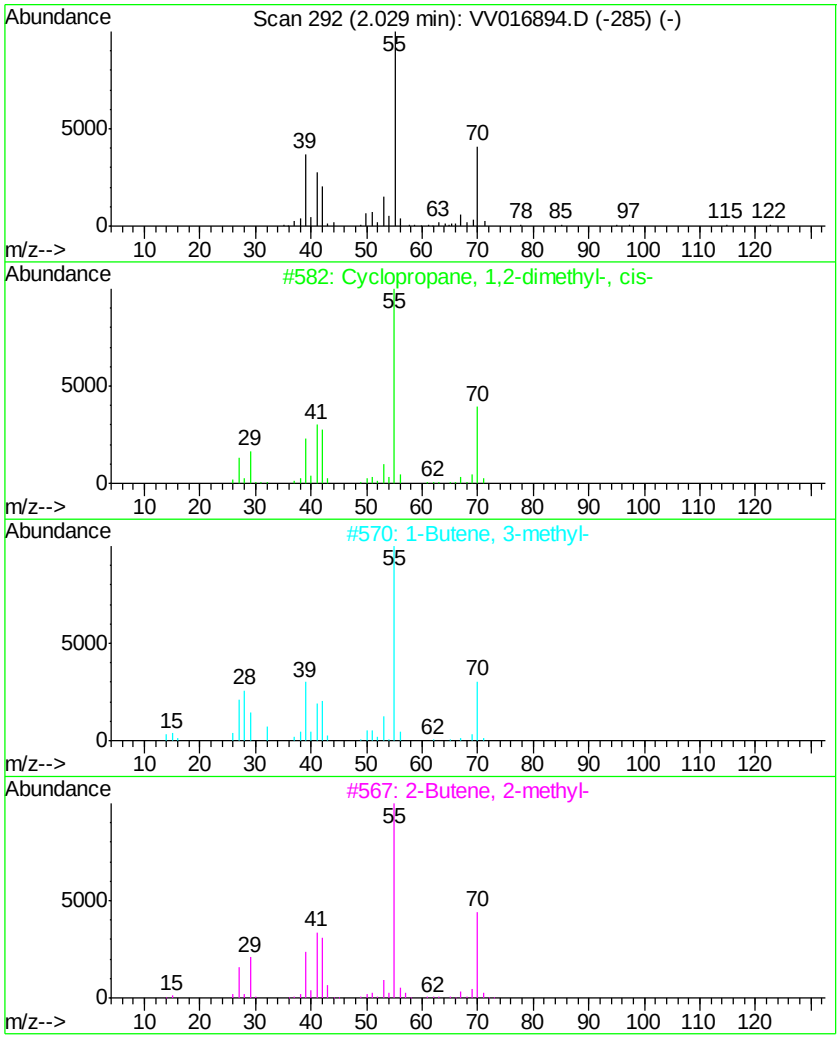
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

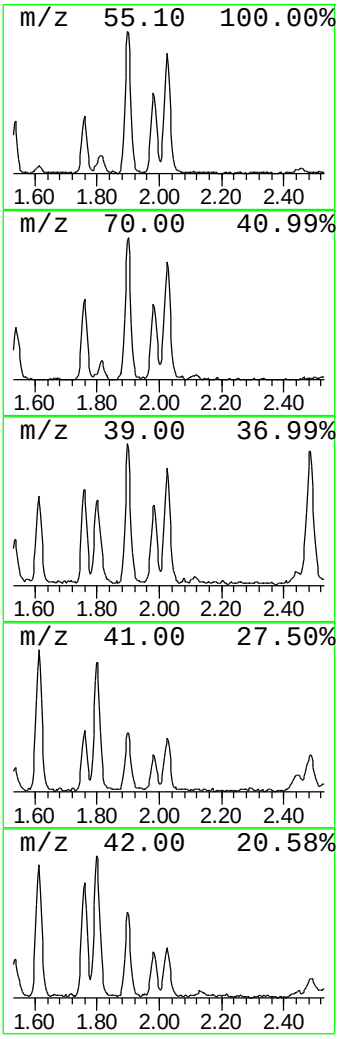
****

Peak Number 8 (DEL) Alkane: Cyclic2.03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	4.89 ug/L	85123	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
2	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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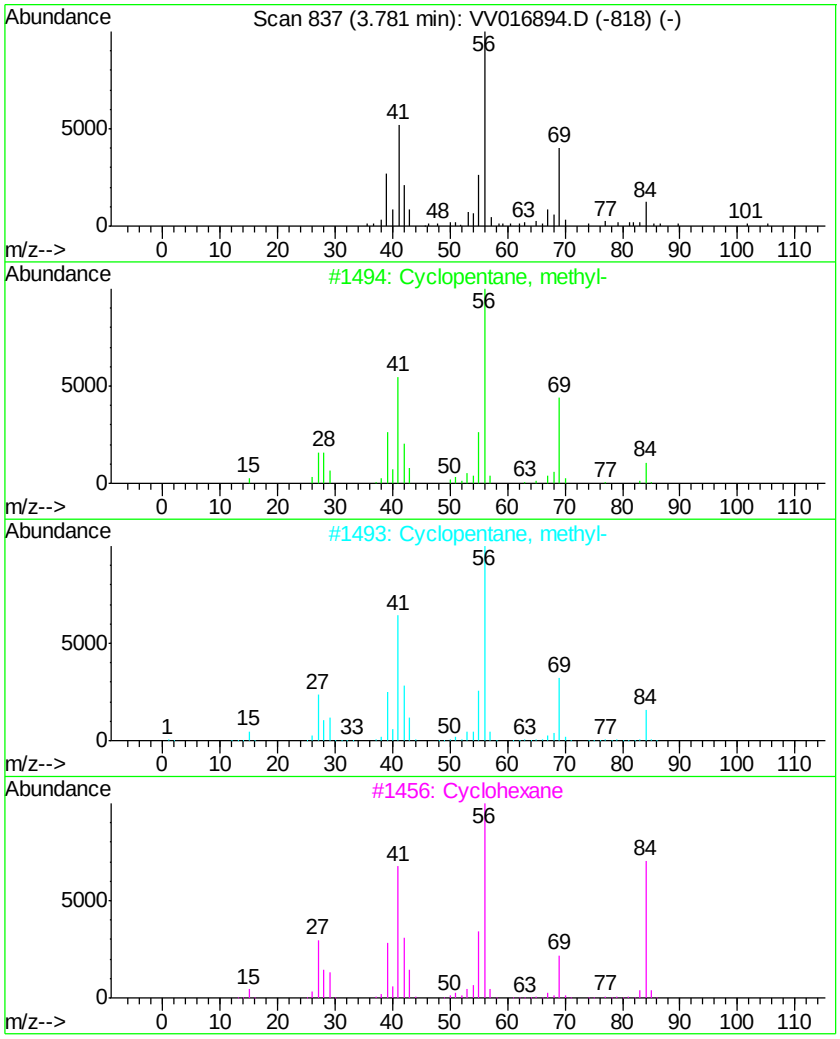
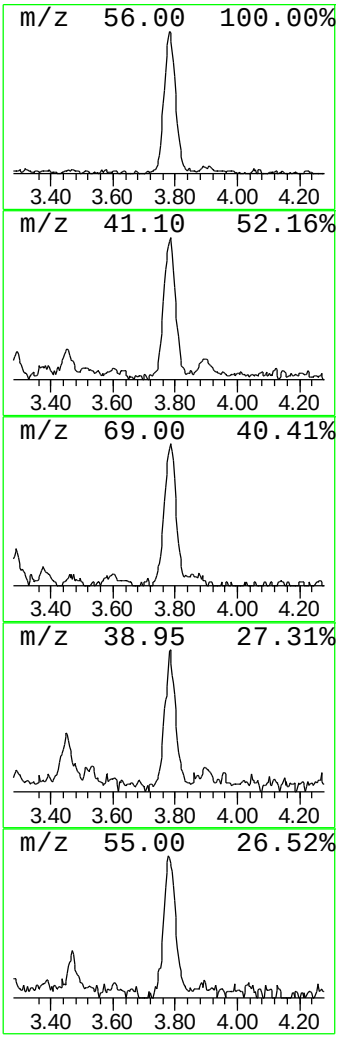
Peak Number 9 (DEL) Alkane: Cyclic3.78 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	5.72 ug/L	99492	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
3	Cyclohexane	84	C6H12	000110-82-7	86
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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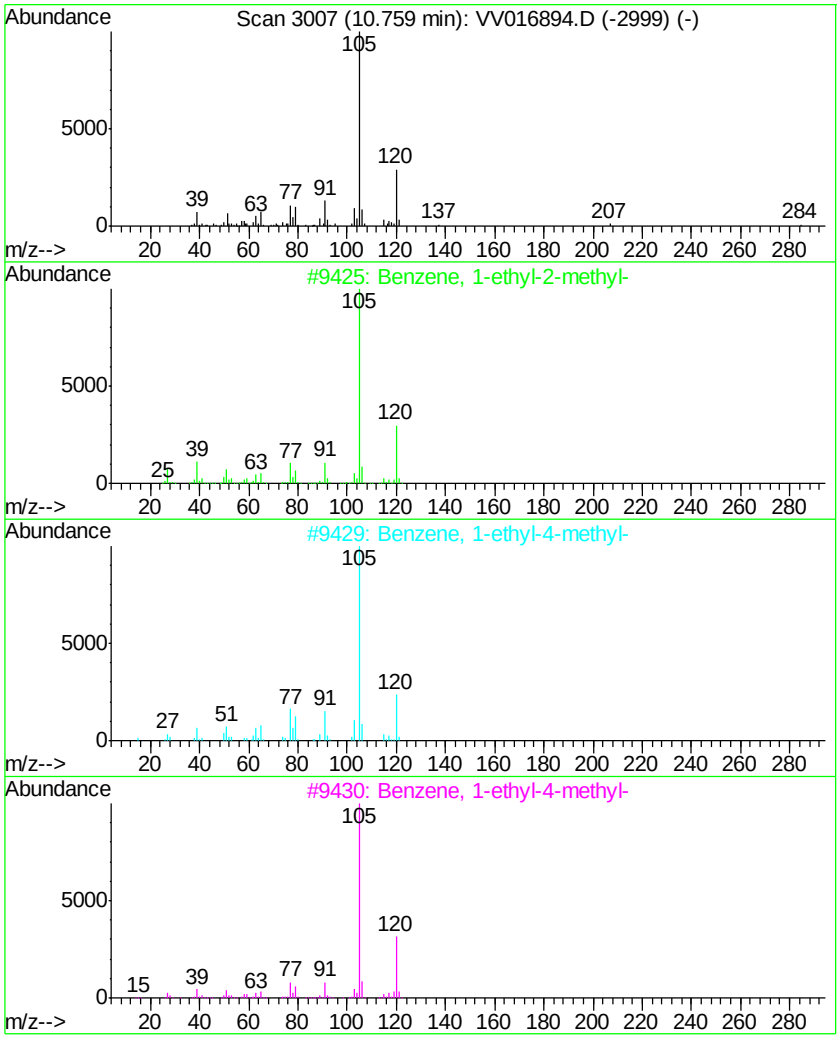
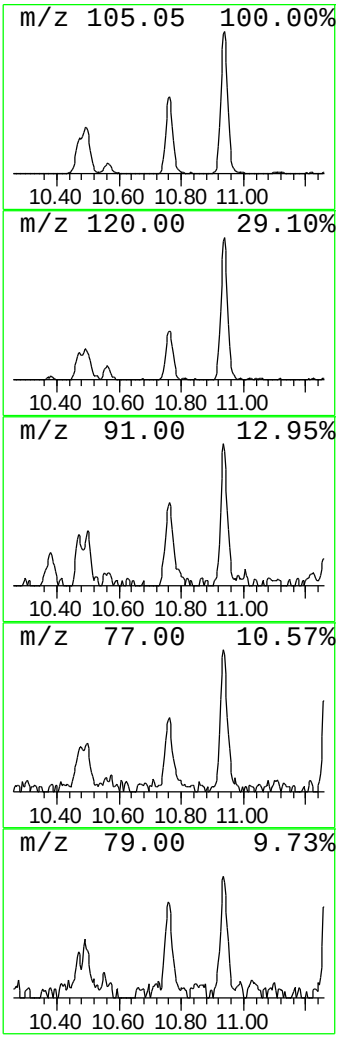
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.94 ug/L	68117	1,4-Dichlorobenzene-d4	11.27

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	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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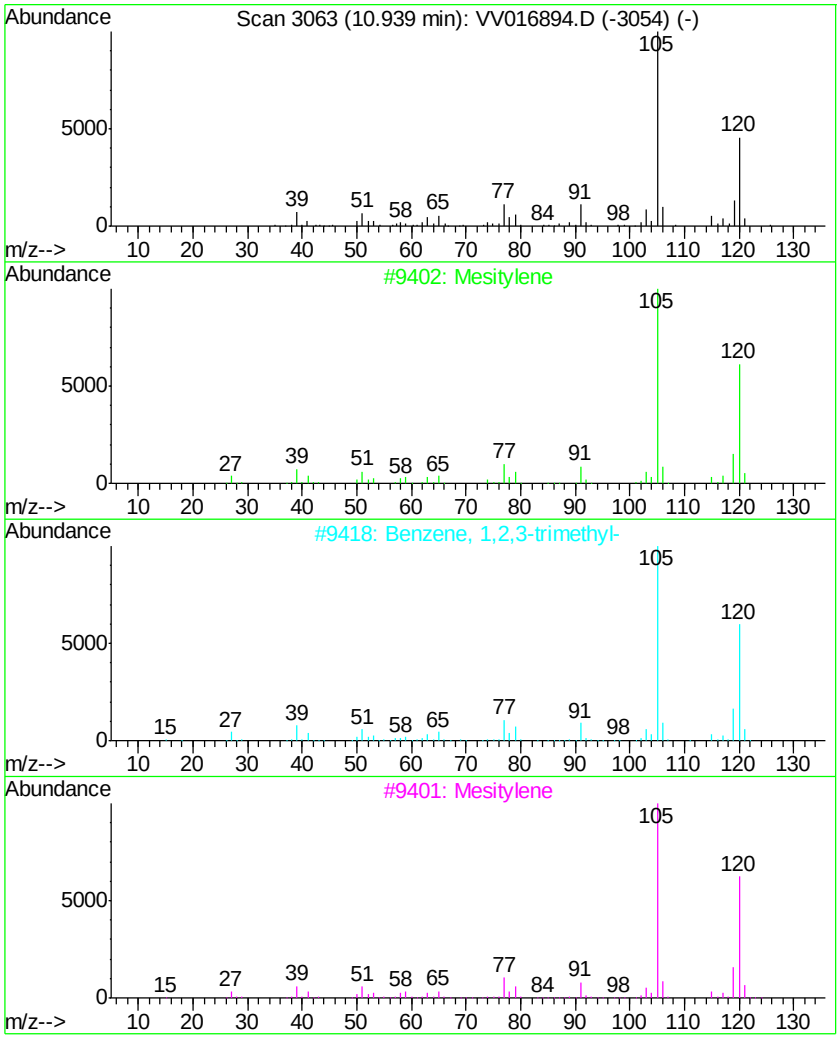
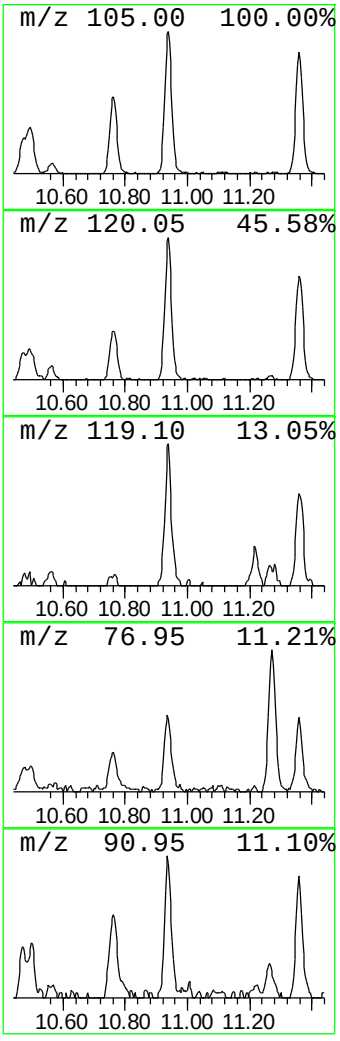
Peak Number 12 Mesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	5.00 ug/L	115690	1,4-Dichlorobenzene-d4	11.27

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

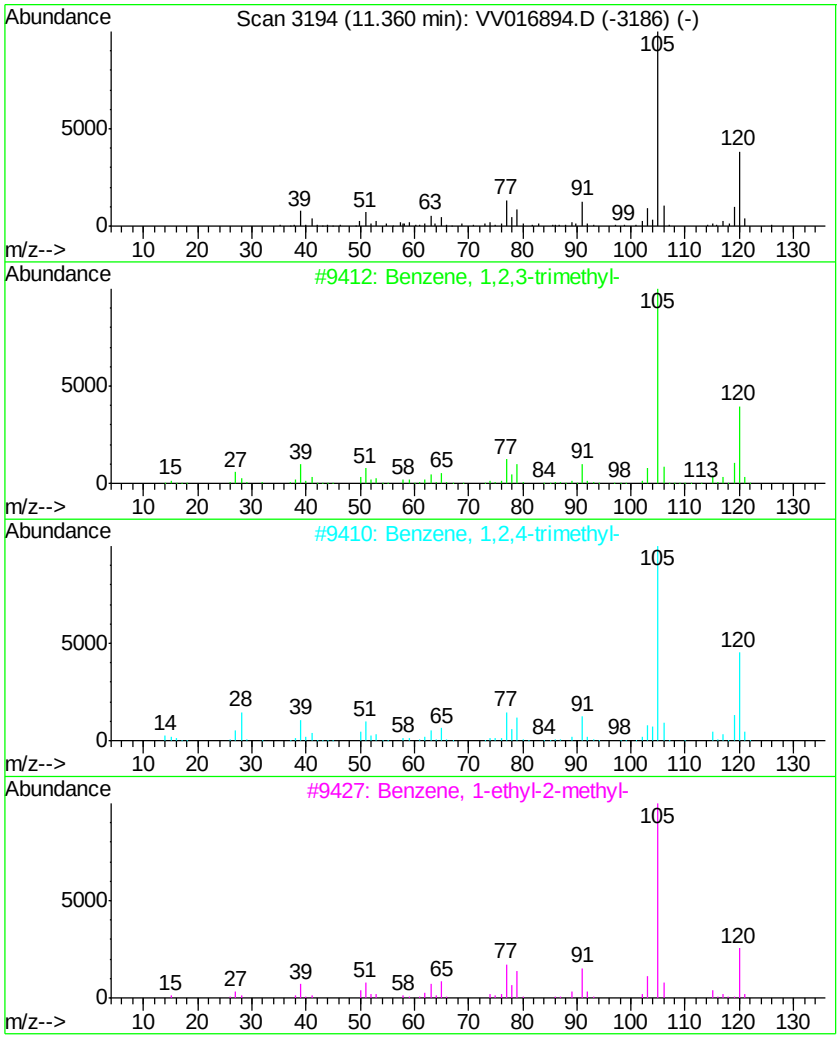
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

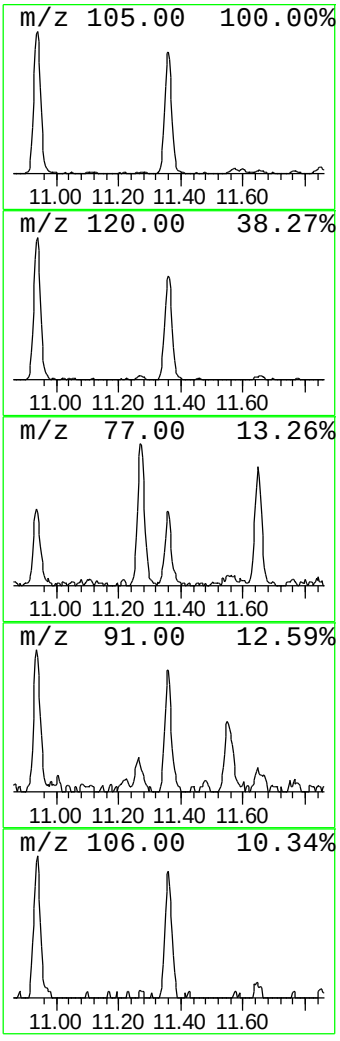
****

Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	4.33 ug/L	100160	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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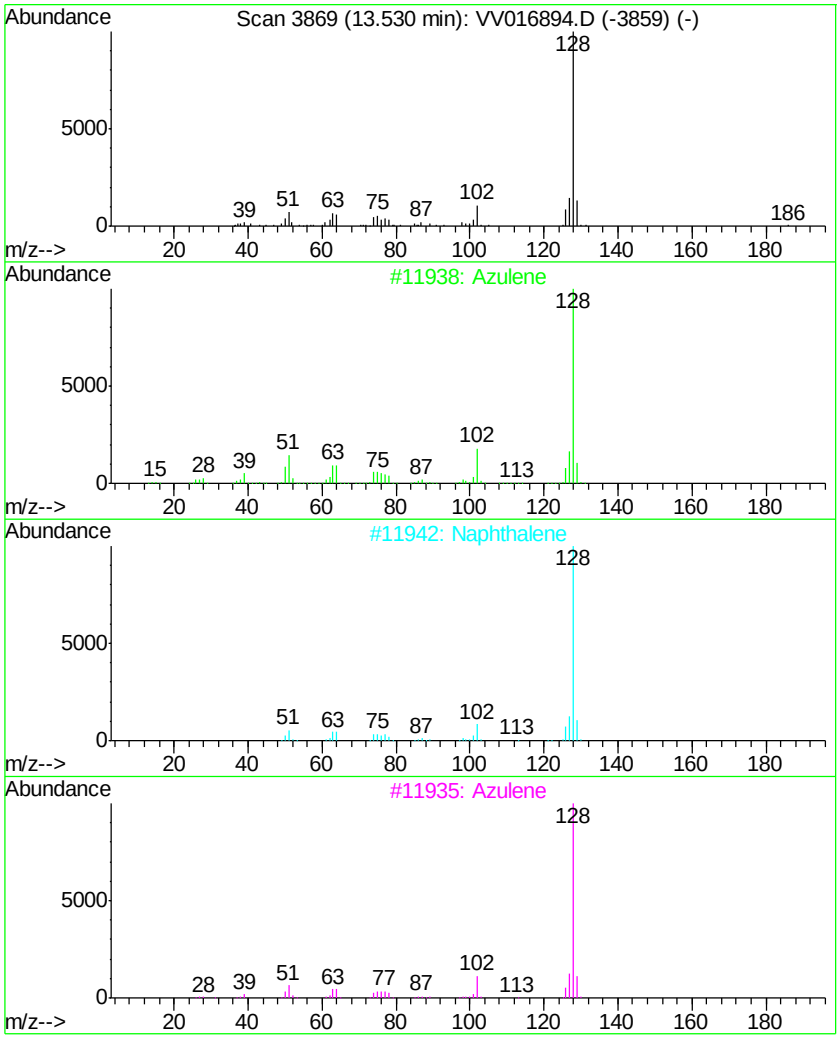
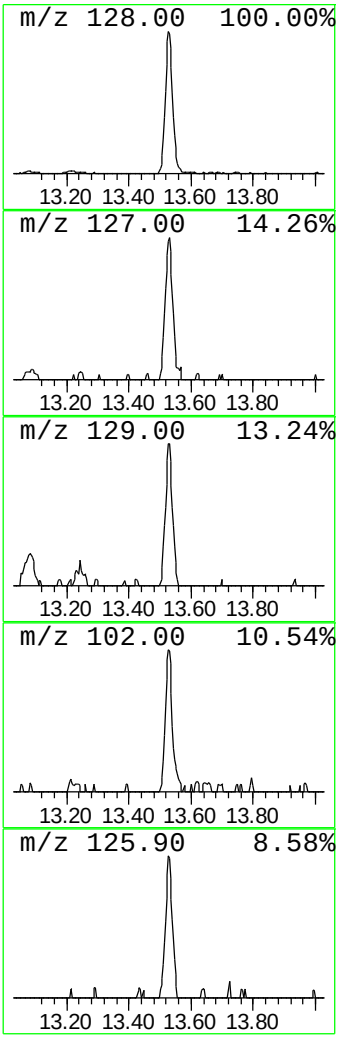
Peak Number 14 Azulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	3.38 ug/L	78183	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	95
2	Naphthalene	128	C10H8	000091-20-3	95
3	Azulene	128	C10H8	000275-51-4	94
4	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	93
5	Naphthalene	128	C10H8	000091-20-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.22	2.7	ug/L	47604	1	5.64	869875	50.0
(DEL) Alkane: Str...	1.36	5.0	ug/L	87819	1	5.64	869875	50.0
(DEL) Alkane: Str...	1.42	3.6	ug/L	62091	1	5.64	869875	50.0
(DEL) Alkane: Str...	1.61	5.5	ug/L	95967	1	5.64	869875	50.0
(DEL) Alkane: Cyc...	1.76	3.4	ug/L	59120	1	5.64	869875	50.0
(DEL) Alkane: Str...	1.80	5.8	ug/L	100893	1	5.64	869875	50.0
(DEL) Alkane: Str...	1.90	5.1	ug/L	88694	1	5.64	869875	50.0
(DEL) Alkane: Cyc...	2.03	4.9	ug/L	85123	1	5.64	869875	50.0
(DEL) Alkane: Cyc...	3.78	5.7	ug/L	99492	1	5.64	869875	50.0
Benzene, 1-ethyl-...	10.76	2.9	ug/L	68117	3	11.27	1157650	50.0
Mesitylene	10.94	5.0	ug/L	115690	3	11.27	1157650	50.0
Benzene, 1,2,3-tr...	11.36	4.3	ug/L	100160	3	11.27	1157650	50.0
Azulene	13.53	3.4	ug/L	78183	3	11.27	1157650	50.0