LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

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_W\METHOD\SOM2WLM073019S.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	1.965	4	10	28	rVB3	69711	172213	18.35%	1.900%
2	2.172	35	44	55	rBV2	13102	34491	3.68%	0.381%
3	2.355	64	74	86	rBV2	103268	213387	22.74%	2.354%
4	2.453	86	90	93	rVV	7843	13504	1.44%	0.149%
5	2.495	93	97	103	rVV	13952	27717	2.95%	0.306%
6	2.568	106	109	116	rVB4	6077	11957	1.27%	0.132%
7	2.886	154	161	177	rVB	45424	116913	12.46%	1.290%
8	3.026	177	184	193	rBV	16542	41294	4.40%	0.456%
9	3.398	236	245	255	rVB3	12456	37189	3.96%	0.410%
10	3.587	270	276	286	rVV6	3710	10541	1.12%	0.116%
11	3.855	311	320	328	rBV3	7721	21413	2.28%	0.236%
12	4.019	336	347	359	rBV	85528	280455	29.89%	3.094%
13	4.129	359	365	378	rVB	16753	48718	5.19%	0.537%
14	4.385	397	407	419	rBV	17956	59170	6.31%	0.653%
15	4.775	461	471	473	rBV7	3849	9918	1.06%	0.109%
16	4.928	481	496	497	rBV3	13666	41150	4.39%	0.454%
17	5.440	568	580	589	rBV2	10699	37757	4.02%	0.417%
18	5.775	626	635	648	rVB4	8596	30903	3.29%	0.341%
19	5.946	652	663	672	rVB4	8808	27386	2.92%	0.302%
20	6.897	805	819	828	rBV4	7823	28691	3.06%	0.317%
21	6.982	828	833	841	rVB6	4163	10475	1.12%	0.116%
22	7.080	841	849	854	rBV	44399	122263	13.03%	1.349%
23	7.141	854	859	877	rVB3	41416	149400	15.92%	1.648%
24	7.531	912	923	931	rBV8	4931	14191	1.51%	0.157%
25	7.647	931	942	959	rBV	163897	417759	44.52%	4.609%
26	7.842	968	974	982	rBV4	5033	13364	1.42%	0.147%
27	7.933	982	989	997	rBV7	4298	13627	1.45%	0.150%
28	8.037	997	1006	1016	rVB4	11305	33941	3.62%	0.374%
29	8.159	1018	1026	1034	rBV	10614	23796	2.54%	0.263%
30	8.275	1034	1045	1063	rBV2	294223	938379	100.00%	10.353%
31	8.421	1063	1069	1079	rVB4	6874	16405	1.75%	0.181%
32	8.573	1088	1094	1106	rVB4	6440	20629	2.20%	0.228%
33	8.695	1106	1114	1124	rVB7	3813	10765	1.15%	0.119%
34	8.842	1129	1138	1149	rBV	243040	504837	53.80%	5.570%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

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_W\METHOD\SOM2WLM073019S.M
Title : VOC Analysis

35	9.067	1167	1175	1180	rBV6	3823	11072	1.18%	0.122%
36	9.275	1200	1209	1217	rBV	242104	501524	53.45%	5.533%
37	9.409	1224	1231	1240	rVB7	5448	14705	1.57%	0.162%
38	9.518	1240	1249	1256	rVB6	4868	12533	1.34%	0.138%
39	9.695	1269	1278	1282	rBV10	4503	12260	1.31%	0.135%
40	9.750	1283	1287	1293	rVB6	8628	14616	1.56%	0.161%
41	10.037	1328	1334	1340	rBV	61360	113020	12.04%	1.247%
42	10.128	1346	1349	1356	rVB6	4431	9975	1.06%	0.110%
43	10.323	1373	1381	1389	rBV	286338	519984	55.41%	5.737%
44	10.396	1389	1393	1397	rVB	5590	10937	1.17%	0.121%
45	10.506	1404	1411	1416	rVB5	5973	14660	1.56%	0.162%
46	10.579	1416	1423	1433	rBV	41203	75012	7.99%	0.828%
47	10.707	1439	1444	1447	rVV2	10138	17239	1.84%	0.190%
48	10.744	1448	1450	1459	rVB10	5093	10691	1.14%	0.118%
49	10.927	1472	1480	1489	rBV	146147	255156	27.19%	2.815%
50	11.067	1497	1503	1509	rBV2	36696	63512	6.77%	0.701%
51	11.134	1511	1514	1519	rVV7	4933	9494	1.01%	0.105%
52	11.439	1557	1564	1571	rVB9	5450	14803	1.58%	0.163%
53	11.634	1589	1596	1605	rBV	248427	420334	44.79%	4.637%
54	11.731	1605	1612	1615	rBV5	6606	12319	1.31%	0.136%
55	11.835	1622	1629	1633	rBV5	4861	11118	1.18%	0.123%
56	12.140	1672	1679	1681	rBV5	10274	19339	2.06%	0.213%
57	12.250	1691	1697	1702	rVB7	5042	10937	1.17%	0.121%
58	12.341	1707	1712	1722	rVV6	20390	55757	5.94%	0.615%
59	12.469	1729	1733	1737	rVV5	9900	18235	1.94%	0.201%
60	12.609	1751	1756	1761	rBV	15699	25658	2.73%	0.283%
61	12.695	1763	1770	1778	rBV	164889	282951	30.15%	3.122%
62	12.780	1779	1784	1791	rVB3	21102	40171	4.28%	0.443%
63	12.872	1791	1799	1804	rBV8	11783	33246	3.54%	0.367%
64	12.939	1804	1810	1817	rVB6	19082	43832	4.67%	0.484%
65	13.079	1829	1833	1836	rBV5	6787	12671	1.35%	0.140%
66	13.164	1843	1847	1857	rBV8	13900	35837	3.82%	0.395%
67	13.256	1857	1862	1865	rBV2	13452	22333	2.38%	0.246%
68	13.292	1865	1868	1874	rVV8	7619	15423	1.64%	0.170%
69	13.378	1878	1882	1887	rVV4	9735	19460	2.07%	0.215%
70	13.445	1887	1893	1896	rVV6	13409	29188	3.11%	0.322%
71	13.493	1897	1901	1906	rVV2	26260	50563	5.39%	0.558%

LSC Area Percent Report

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Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

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_W\METHOD\SOM2WLM073019S.M
Title : VOC Analysis

72	13.560	1906	1912	1920	rVB	136687	239394	25.51%	2.641%
73	13.756	1940	1944	1947	rBV5	6296	9050	0.96%	0.100%
74	13.853	1954	1960	1970	rBV2	156511	361132	38.48%	3.984%
75	14.012	1983	1986	1989	rBV4	13430	22508	2.40%	0.248%
76	14.201	2011	2017	2023	rBV4	26354	54740	5.83%	0.604%
77	14.262	2023	2027	2033	rBV7	22465	46922	5.00%	0.518%
78	14.341	2033	2040	2044	rVV6	28285	70724	7.54%	0.780%
79	14.383	2044	2047	2051	rVV4	47202	85018	9.06%	0.938%
80	14.420	2051	2053	2056	rVV2	36619	49749	5.30%	0.549%
81	14.457	2056	2059	2063	rVB	45160	63079	6.72%	0.696%
82	14.505	2063	2067	2069	rBV	18937	26111	2.78%	0.288%
83	14.548	2069	2074	2081	rVB4	41120	100458	10.71%	1.108%
84	14.700	2094	2099	2101	rBV4	18547	31408	3.35%	0.347%
85	14.737	2101	2105	2110	rVV3	31517	50084	5.34%	0.553%
86	14.798	2110	2115	2120	rVV2	70707	161133	17.17%	1.778%
87	14.847	2120	2123	2132	rVB5	40021	90184	9.61%	0.995%
88	15.005	2143	2149	2153	rBV3	24034	52769	5.62%	0.582%
89	15.066	2153	2159	2166	rBV5	80340	199225	21.23%	2.198%
90	15.176	2172	2177	2186	rVB5	129574	307211	32.74%	3.389%
91	15.274	2187	2193	2197	rVB4	42227	81208	8.65%	0.896%
92	15.328	2198	2202	2211	rVB6	33712	66526	7.09%	0.734%
93	15.414	2211	2216	2217	rBV5	19097	29716	3.17%	0.328%
94	15.682	2249	2260	2263	rBV5	19136	78488	8.36%	0.866%
95	15.816	2276	2282	2288	rVB5	32370	85257	9.09%	0.941%
96	16.176	2333	2341	2347	rBV4	35817	91870	9.79%	1.014%
97	16.292	2357	2360	2367	rVB6	16273	29607	3.16%	0.327%
98	16.438	2380	2384	2388	rBV2	11576	22550	2.40%	0.249%
99	16.493	2388	2393	2400	rVB4	22302	50233	5.35%	0.554%
100	16.639	2410	2417	2428	rVB9	35460	112532	11.99%	1.242%

Sum of corrected areas: 9064049

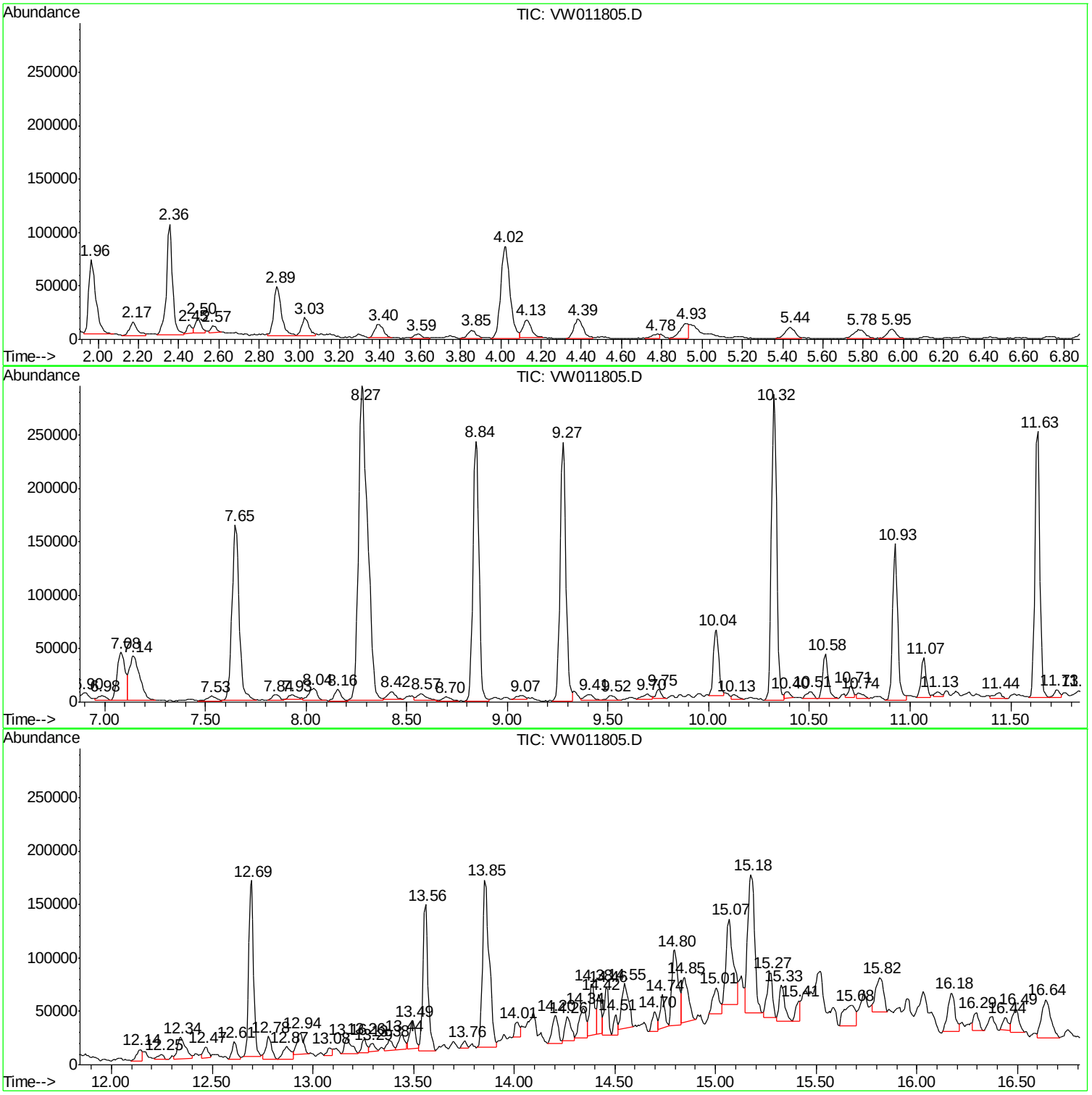
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

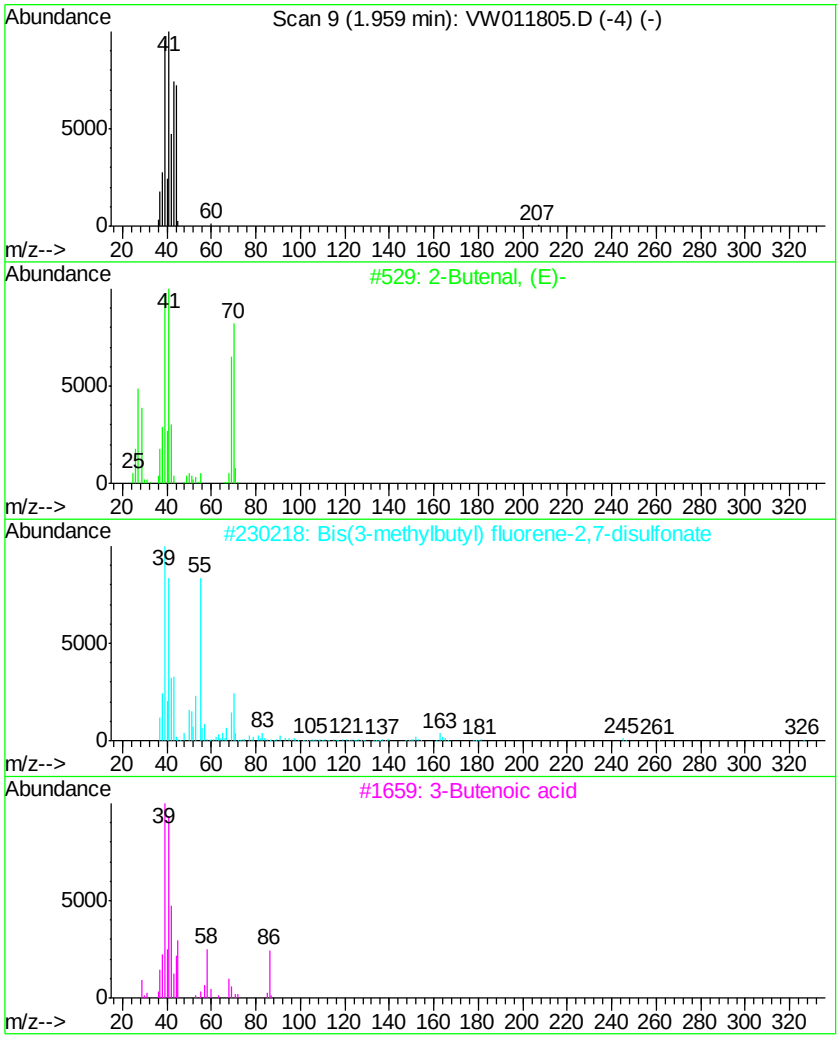
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

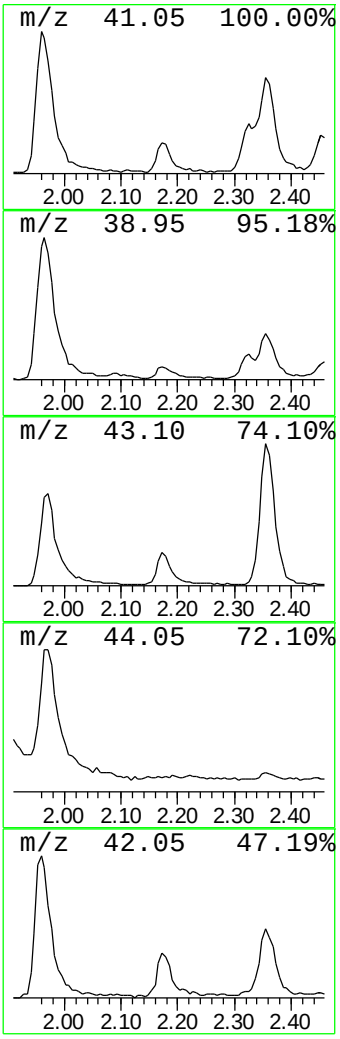
****

Peak Number 1 2-Butenal, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	8.53 ug/L	172213	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, (E)-	70	C4H6O	000123-73-9	64
2	Bis(3-methylbutyl) fluorene-2,7-...	466	C23H30O6S2	253664-95-8	64
3	3-Butenoic acid	86	C4H6O2	000625-38-7	56
4	Imidazol-5(2H)-one, 4-amino-2-(2...	196	C7H8N4O3	318259-17-5	50
5	2-Nonynoic acid	154	C9H14O2	001846-70-4	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

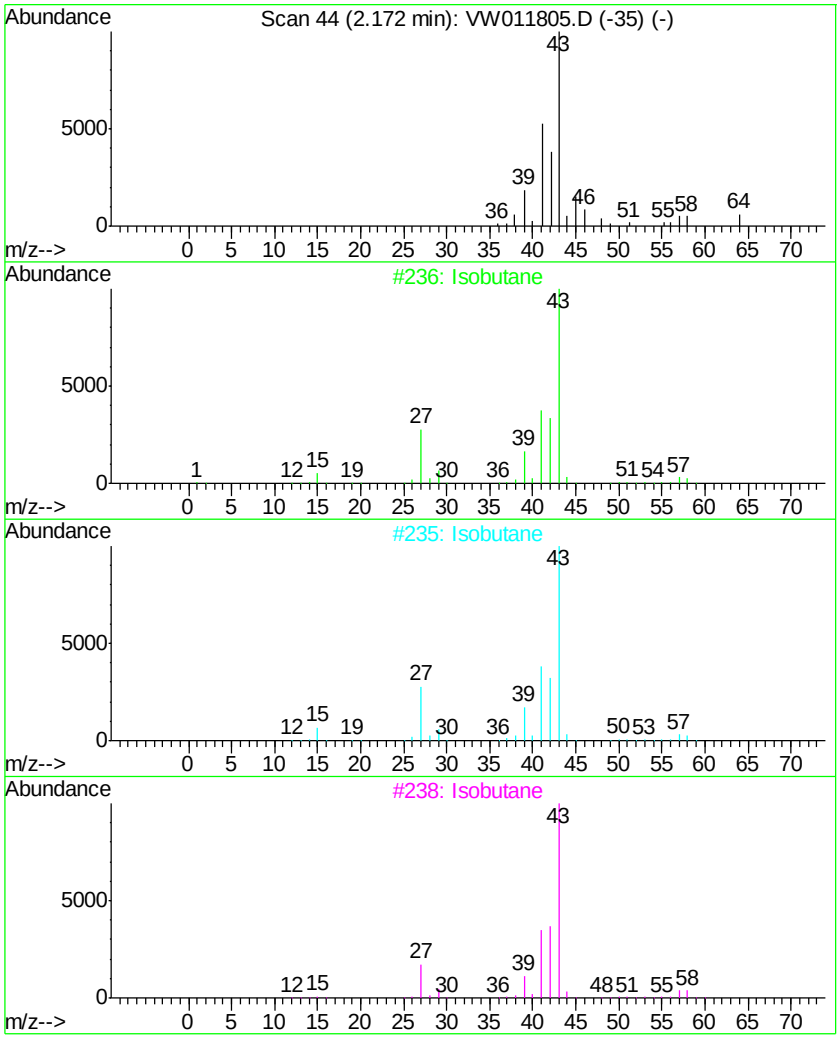
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

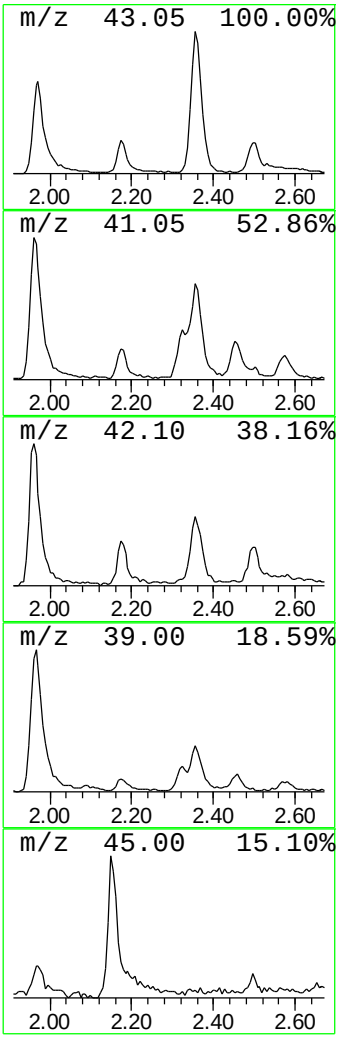
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.71 ug/L	34491	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	53
2	Isobutane	58	C4H10	000075-28-5	53
3	Isobutane	58	C4H10	000075-28-5	42
4	Isobutane	58	C4H10	000075-28-5	9
5	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
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Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

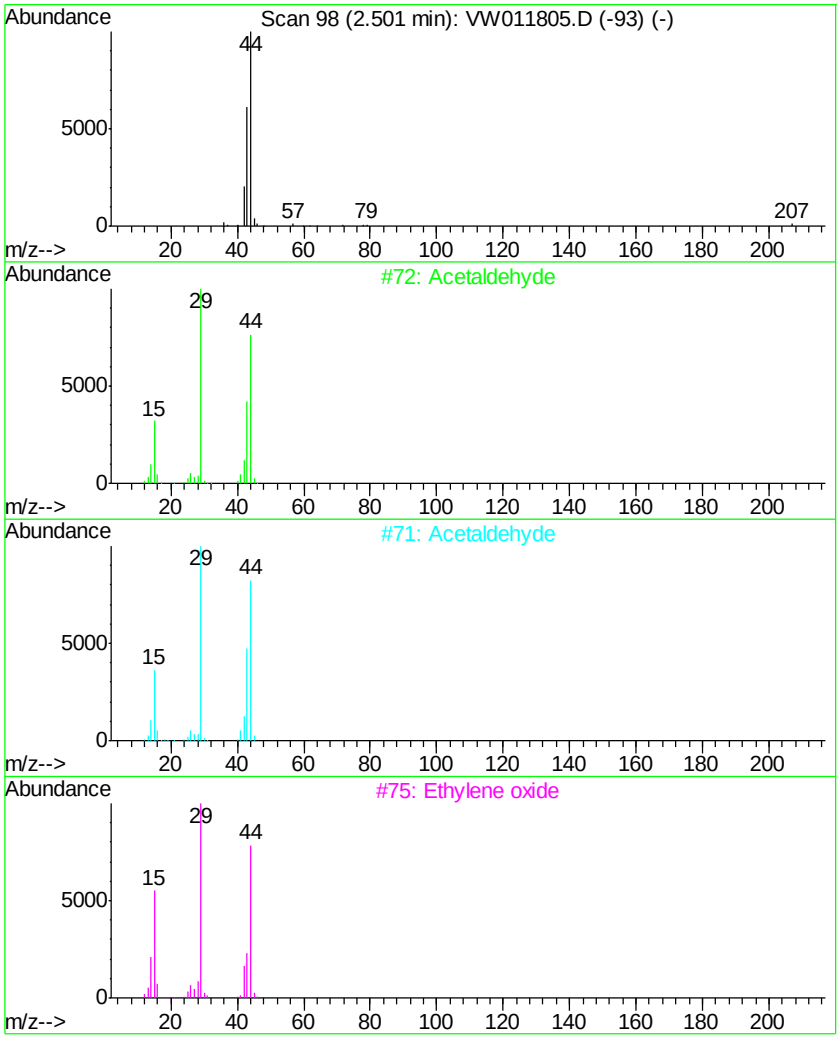
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

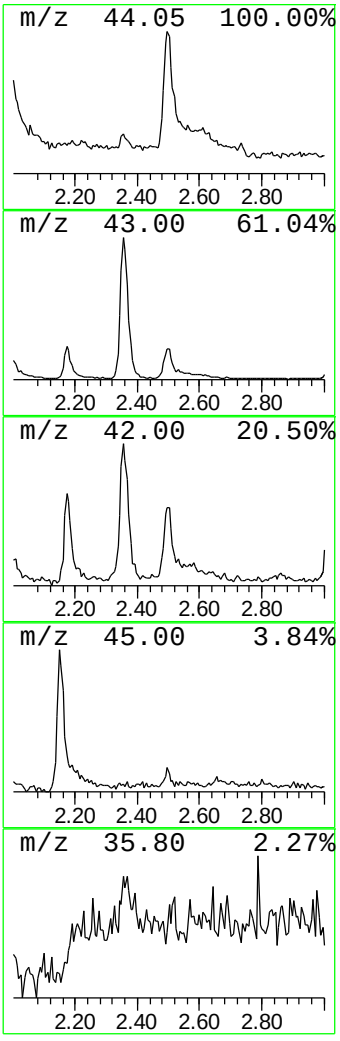
****

Peak Number 3 unknown-01 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.50	1.37 ug/L	27717	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	9
2	Acetaldehyde	44	C2H4O	000075-07-0	9
3	Ethylene oxide	44	C2H4O	000075-21-8	9
4	Ethylene oxide	44	C2H4O	000075-21-8	7
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
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Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

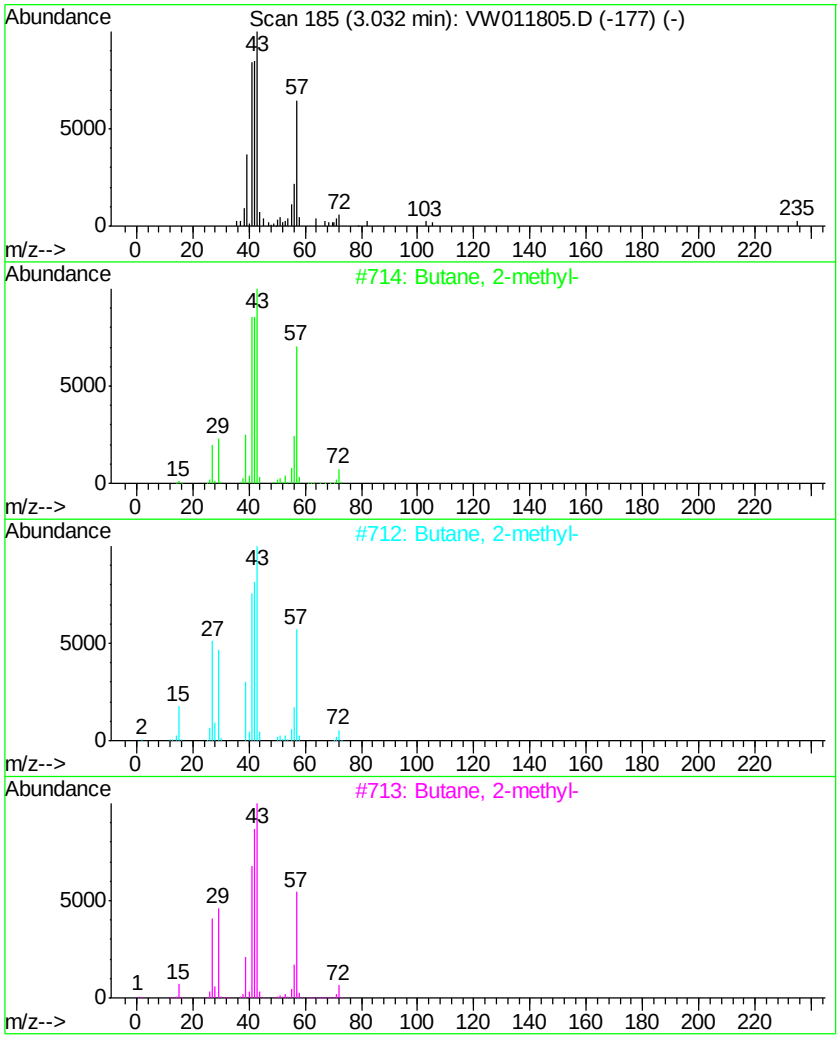
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

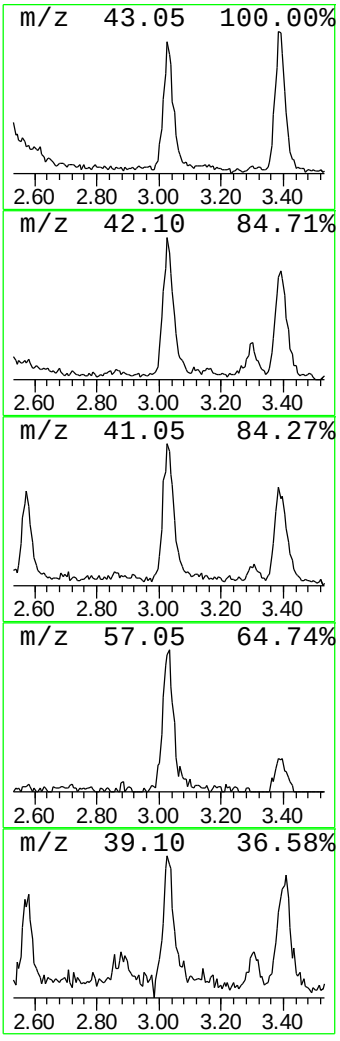
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	2.04 ug/L	41294	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	80
2	Butane, 2-methyl-	72	C5H12	000078-78-4	80
3	Butane, 2-methyl-	72	C5H12	000078-78-4	59
4	3-Buten-1-ol	72	C4H8O	000627-27-0	50
5	3-Buten-1-ol	72	C4H8O	000627-27-0	33





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

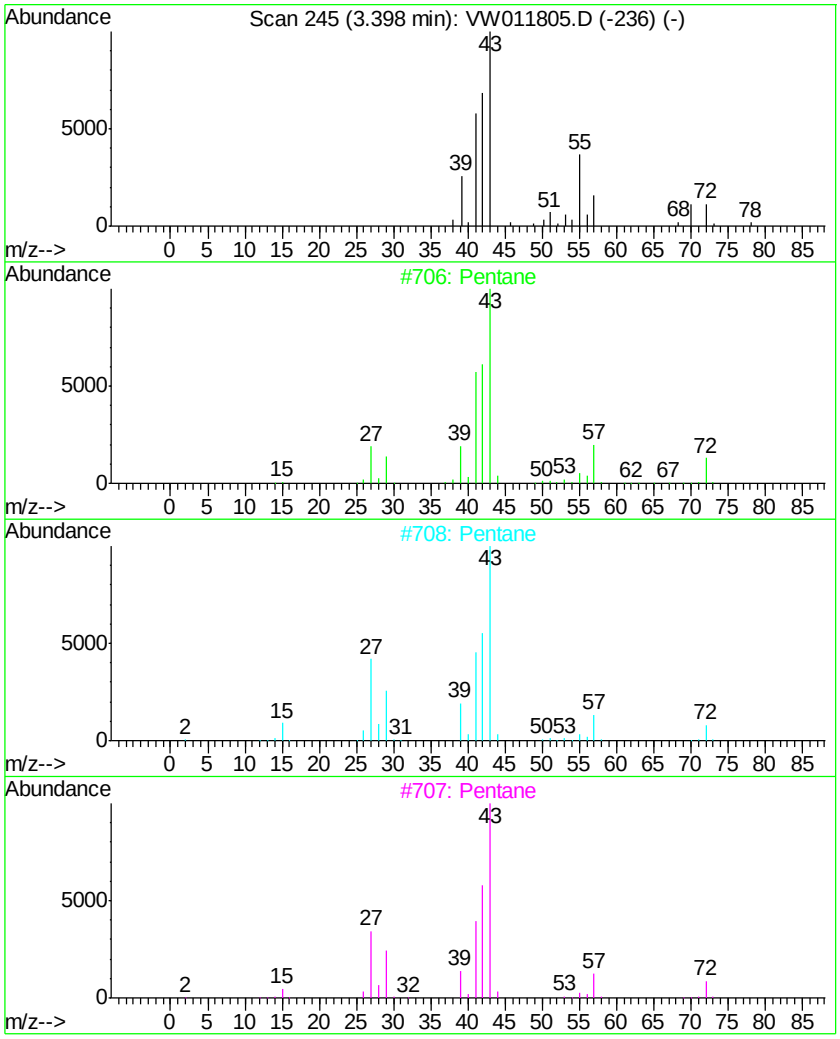
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

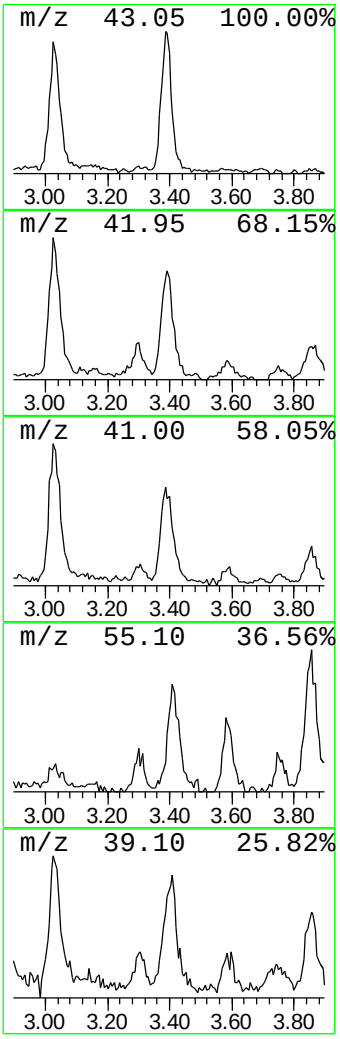
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	1.84 ug/L	37189	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	64
2	Pentane	72	C5H12	000109-66-0	64
3	Pentane	72	C5H12	000109-66-0	64
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	43
5	Butane, 2-methyl-	72	C5H12	000078-78-4	9





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Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

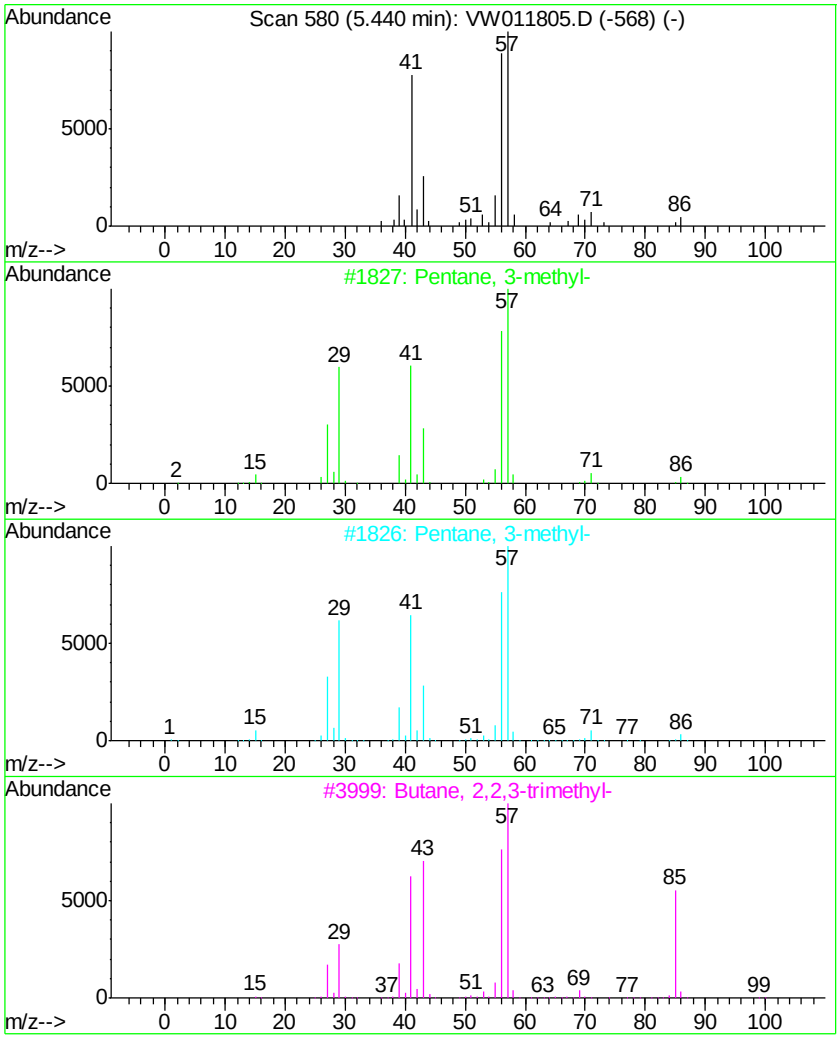
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

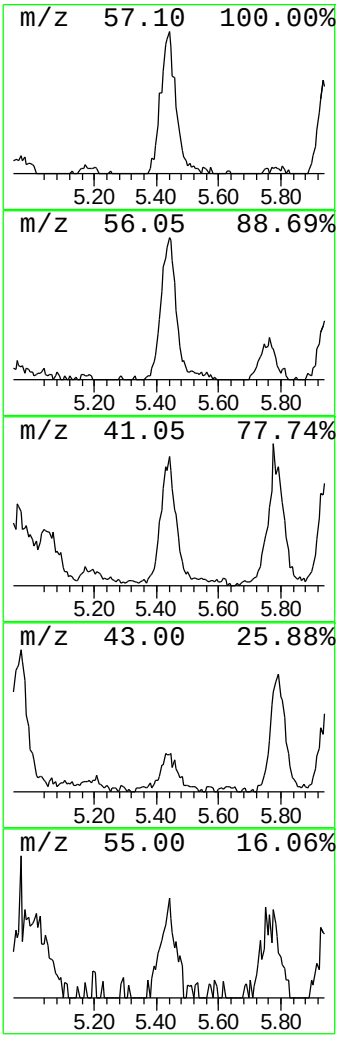
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	1.87 ug/L	37757	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	78
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72





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Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

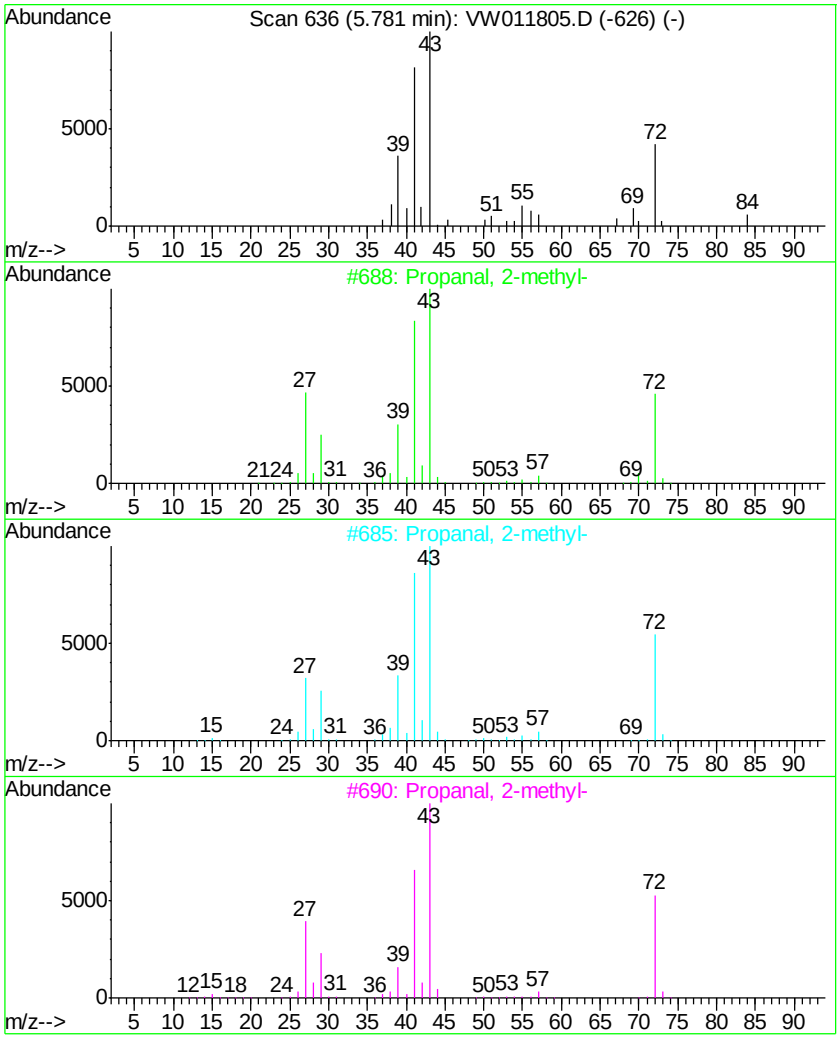
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

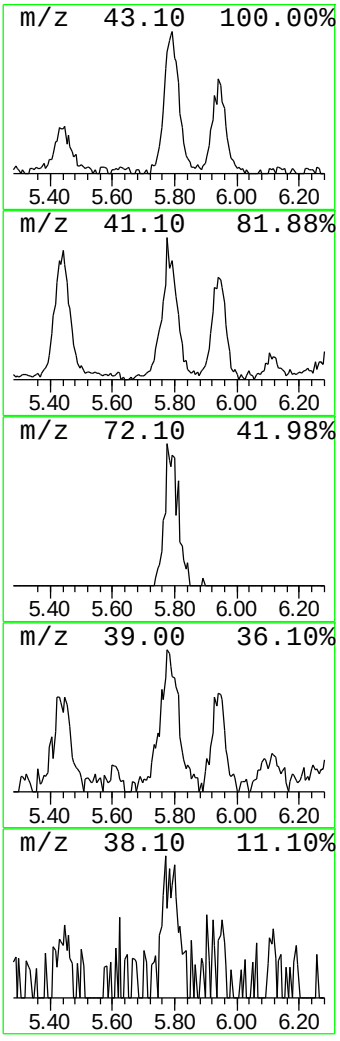
****

Peak Number 7 Propanal, 2-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	1.53 ug/L	30903	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	74
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	74
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	53
4	Butanal	72	C4H8O	000123-72-8	47
5	Isobutylene epoxide	72	C4H8O	000558-30-5	43





Library Search Compound Report

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Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

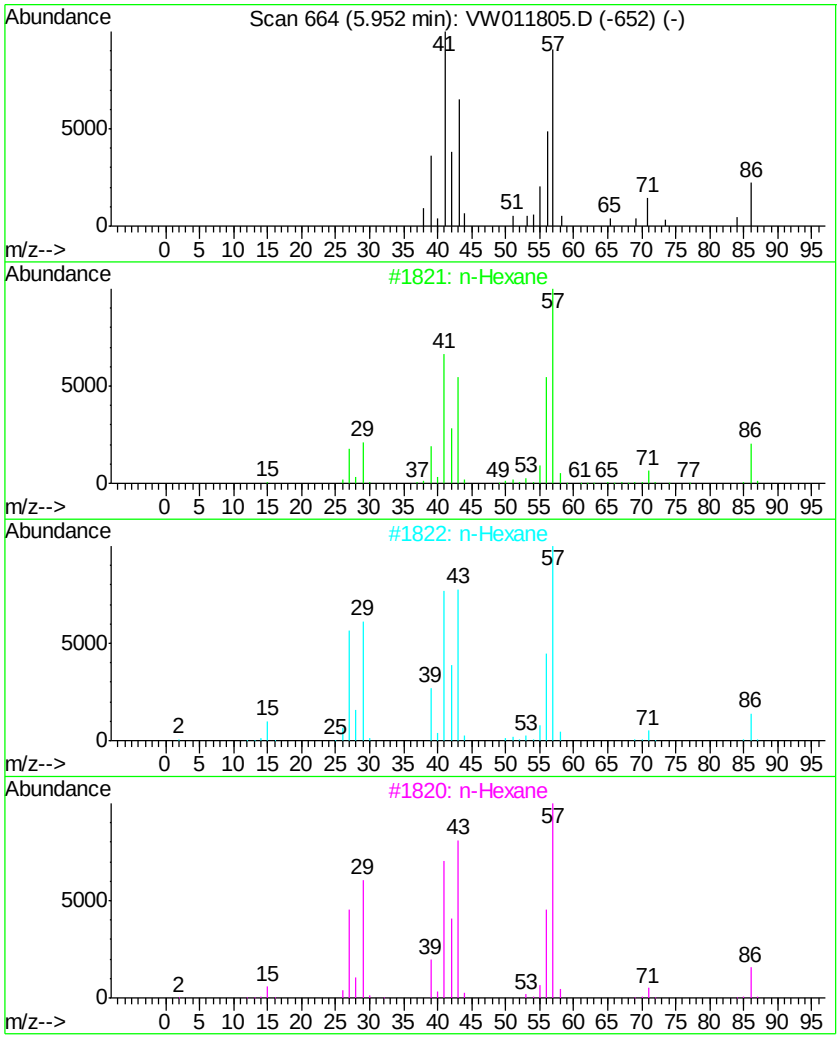
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

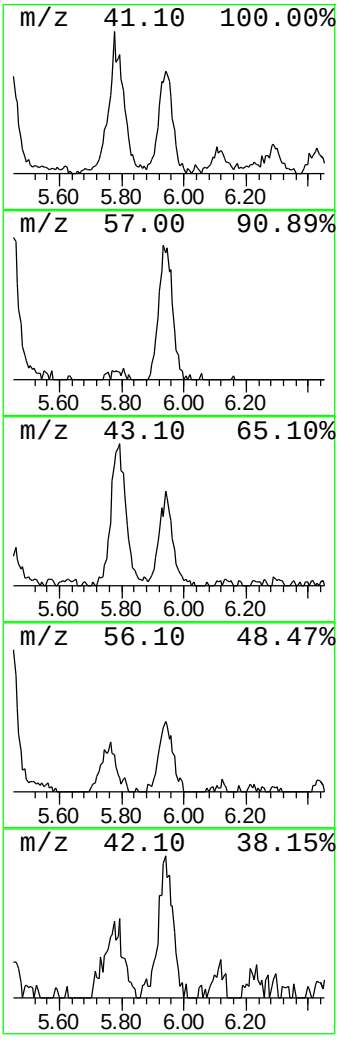
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	1.36 ug/L	27386	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	40
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	37
5	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	32





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Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

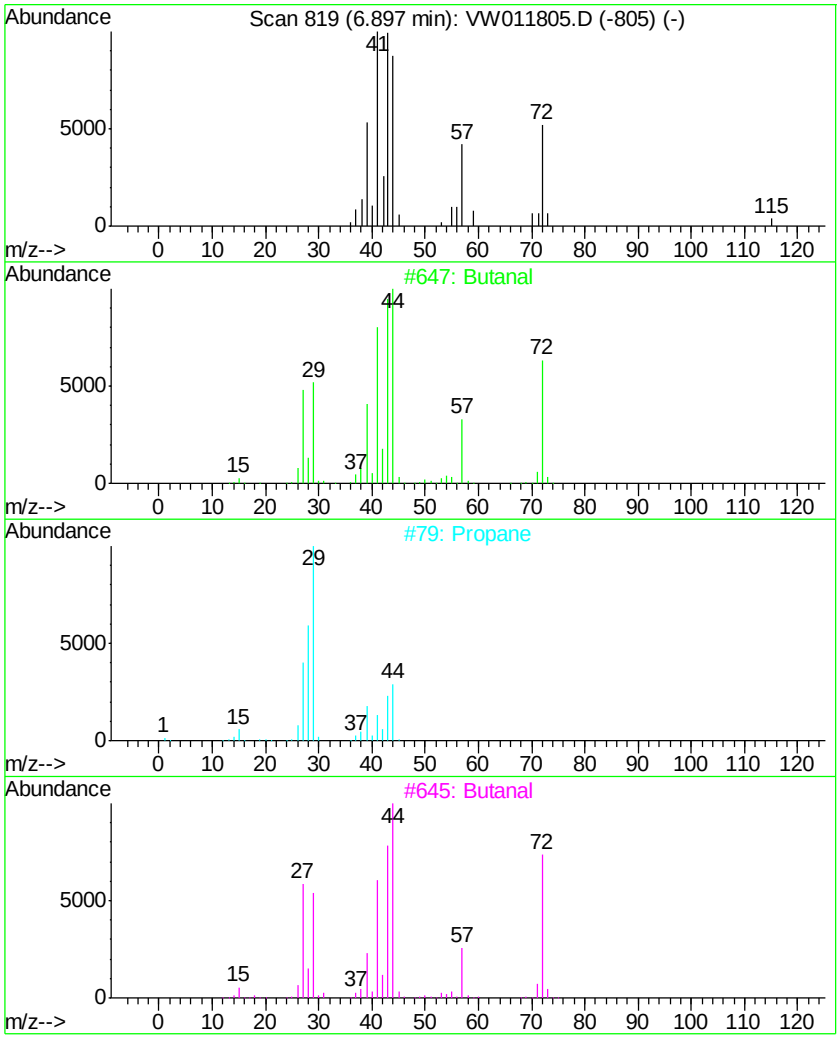
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

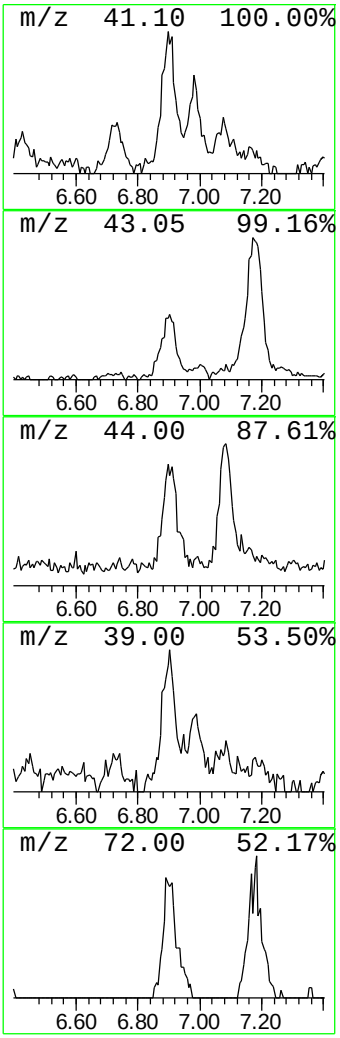
****

Peak Number 9 Butanal Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	1.42 ug/L	28691	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	58
2	Propane	44	C3H8	000074-98-6	50
3	Butanal	72	C4H8O	000123-72-8	50
4	Butanal	72	C4H8O	000123-72-8	50
5	Cyclopropanecarboxamide	85	C4H7NO	006228-73-5	43





Library Search Compound Report

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Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

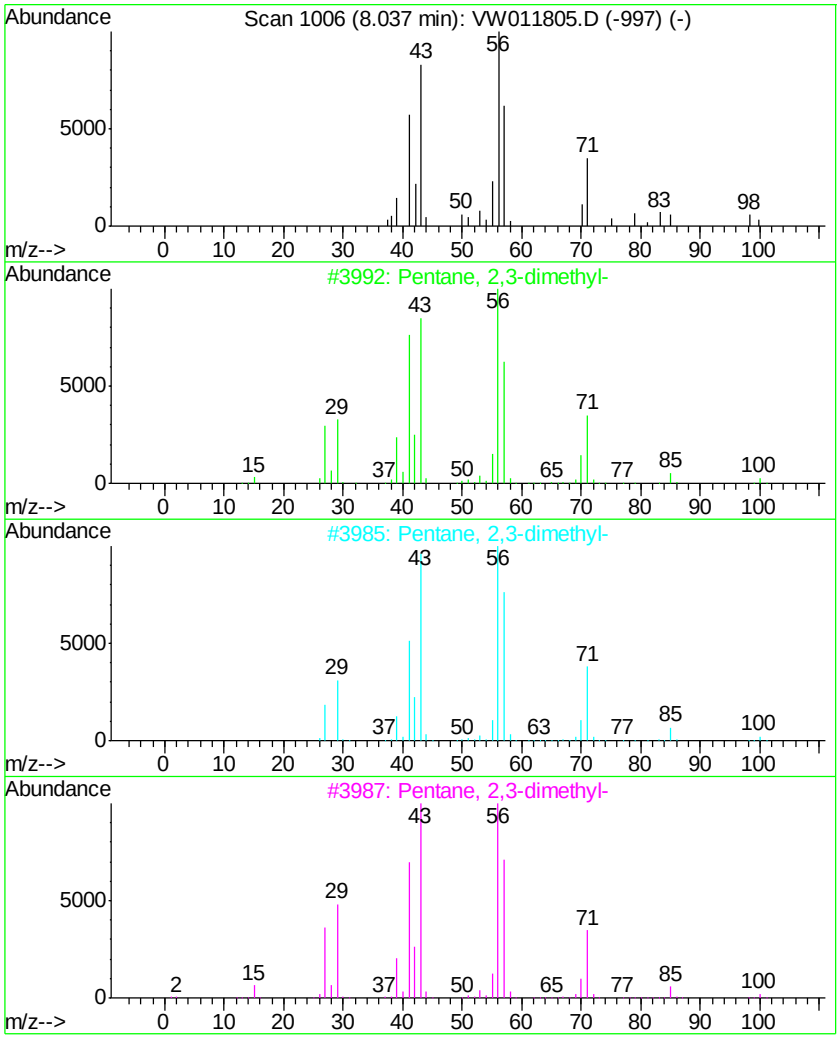
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

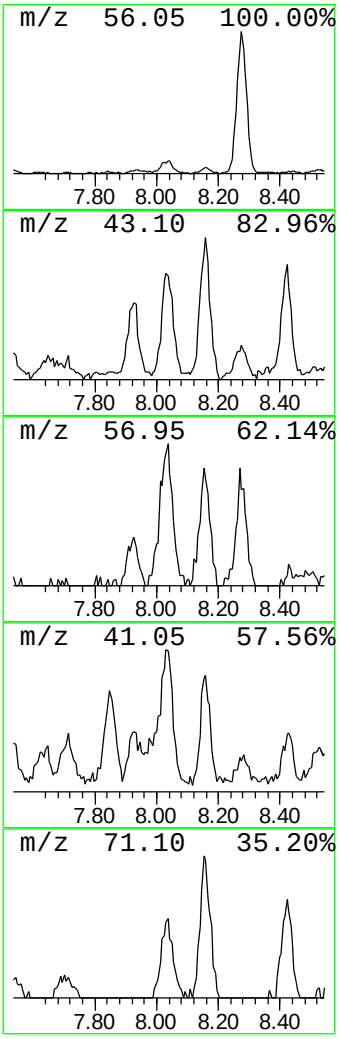
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	1.68 ug/L	33941	1,4-Difluorobenzene	8.84

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	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	52





Library Search Compound Report

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Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

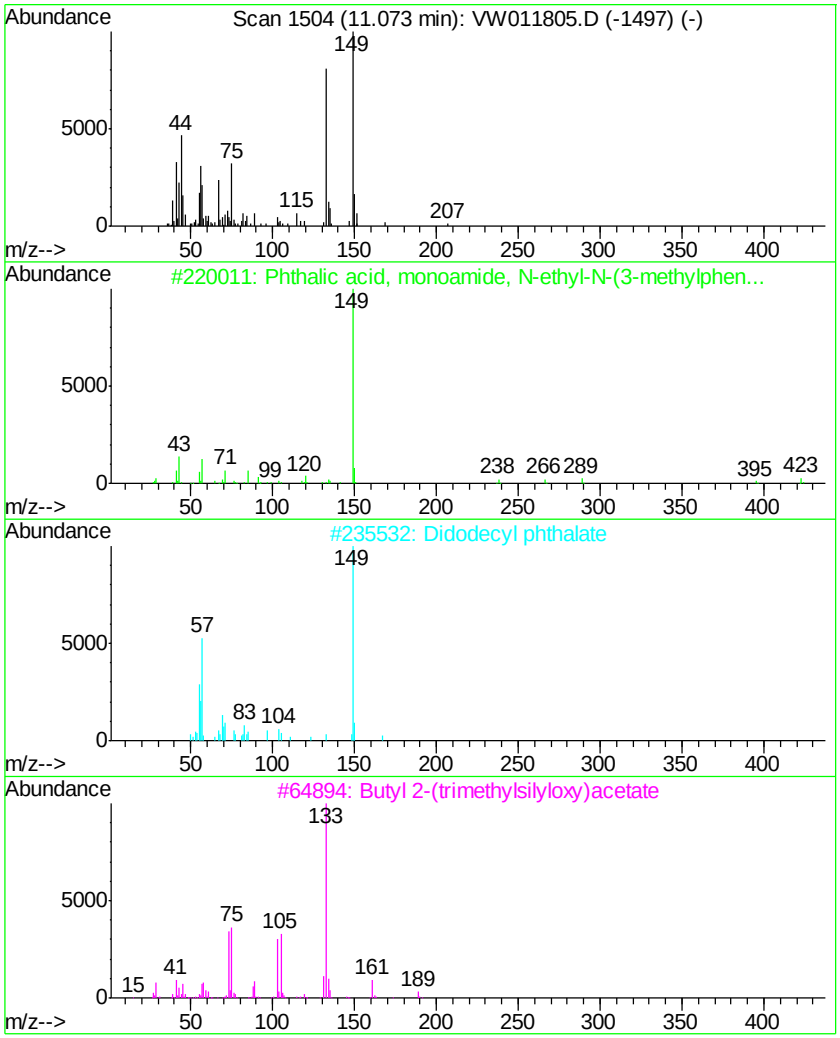
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

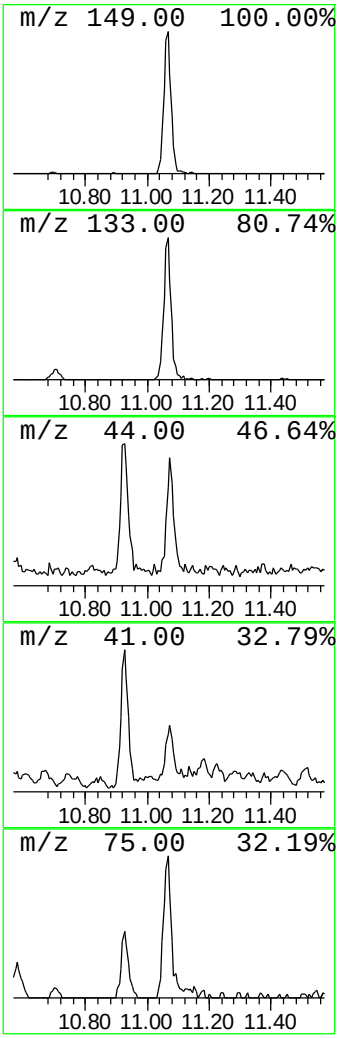
****

Peak Number 12 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	3.78 ug/L	63512	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, monoamide, N-ethv...	423	C27H37NO3	1000309-86-4	22
2	Didodecyl phthalate	502	C32H54O4	002432-90-8	17
3	Butyl 2-(trimethylsilyloxy)acetate	204	C9H20O3Si	1000366-86-7	16
4	4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	16
5	Phthalic acid, 4-methylpent-2-yl...	376	C23H36O4	1000356-87-9	12





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Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

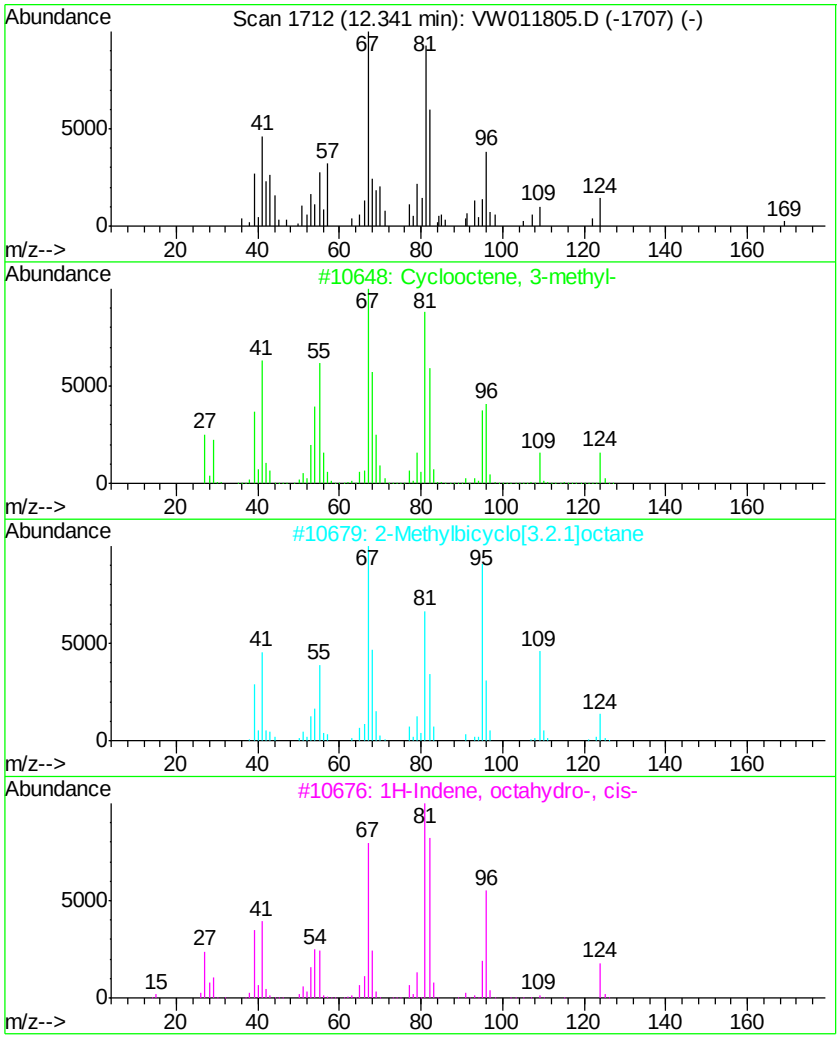
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

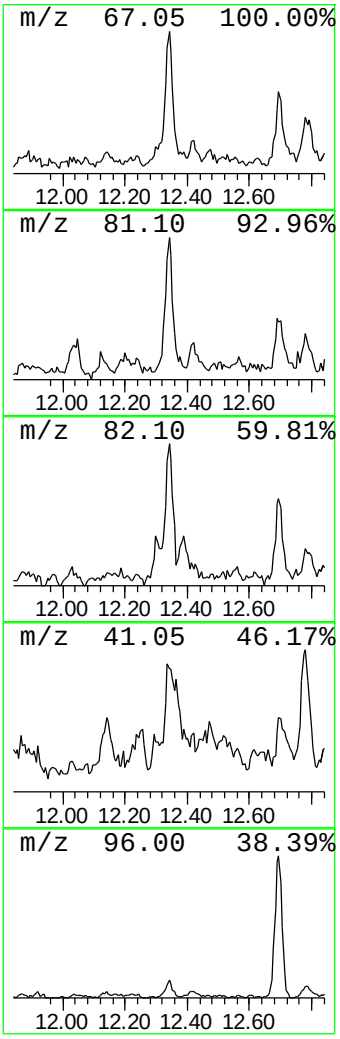
****

Peak Number 13 Cyclooctene, 3-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	3.32 ug/L	55757	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	83
2	2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	64
3	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	62
4	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	58
5	Cyclohexan-1-ethanol, 1-hydroxym...	158	C9H18O2	003187-28-8	53





Library Search Compound Report

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Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

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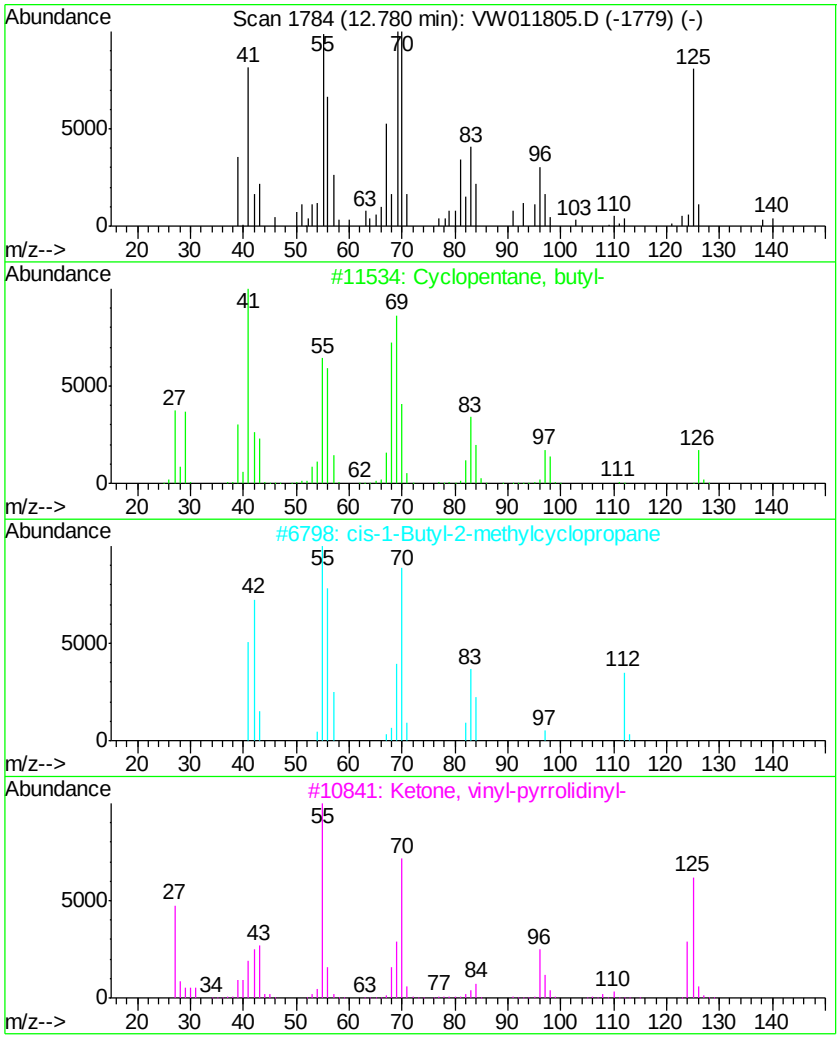
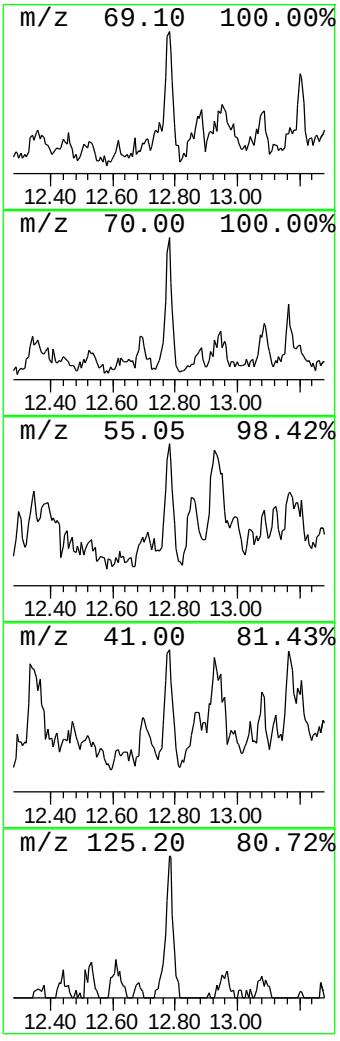
Peak Number 15 (DEL) Alkane: Cyclic12.78 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	4.20 ug/L	40171	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-	126	C9H18	002040-95-1	60
2	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46
3	Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	45
4	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	35
5	trans-3-Decene	140	C10H20	019150-21-1	35





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Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

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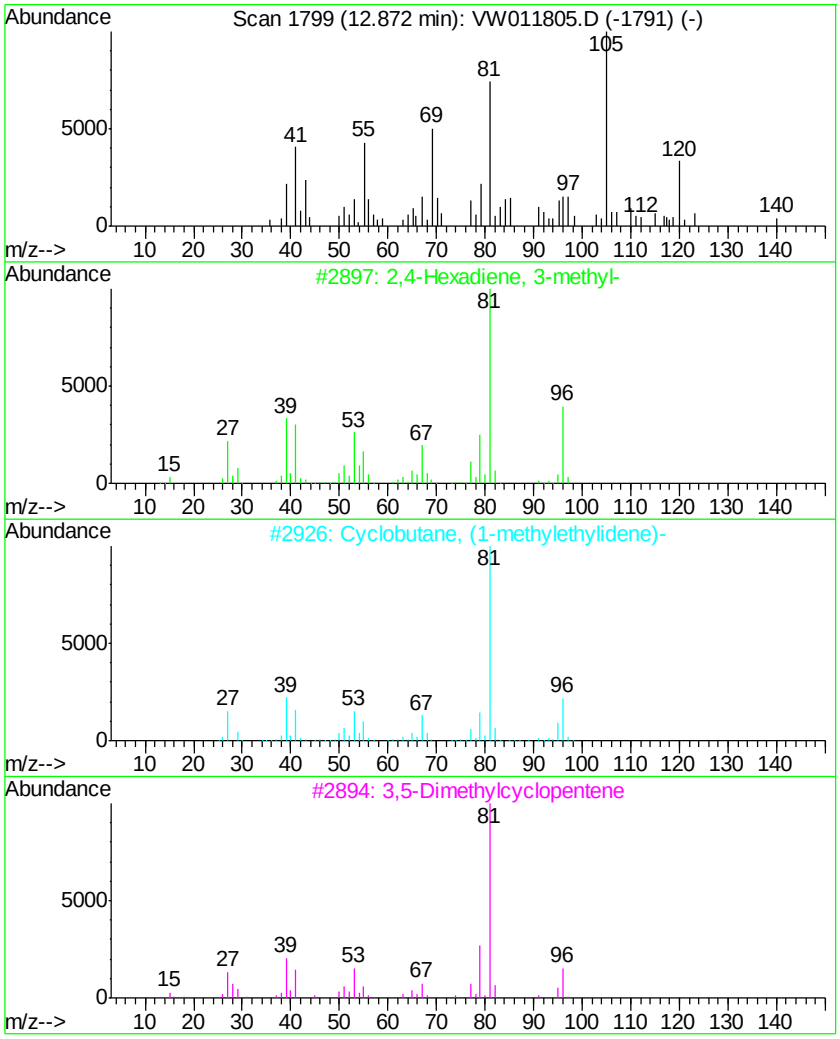
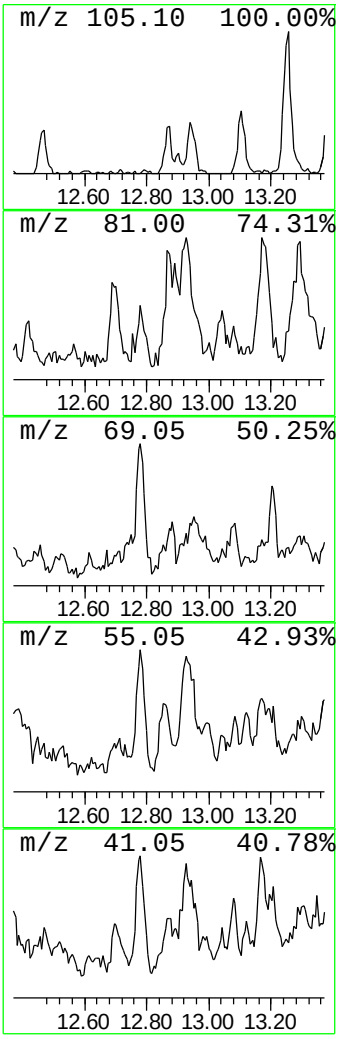
Peak Number 16 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	3.47 ug/L	33246	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	43
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	38
3	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	38
4	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	38
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	38





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Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

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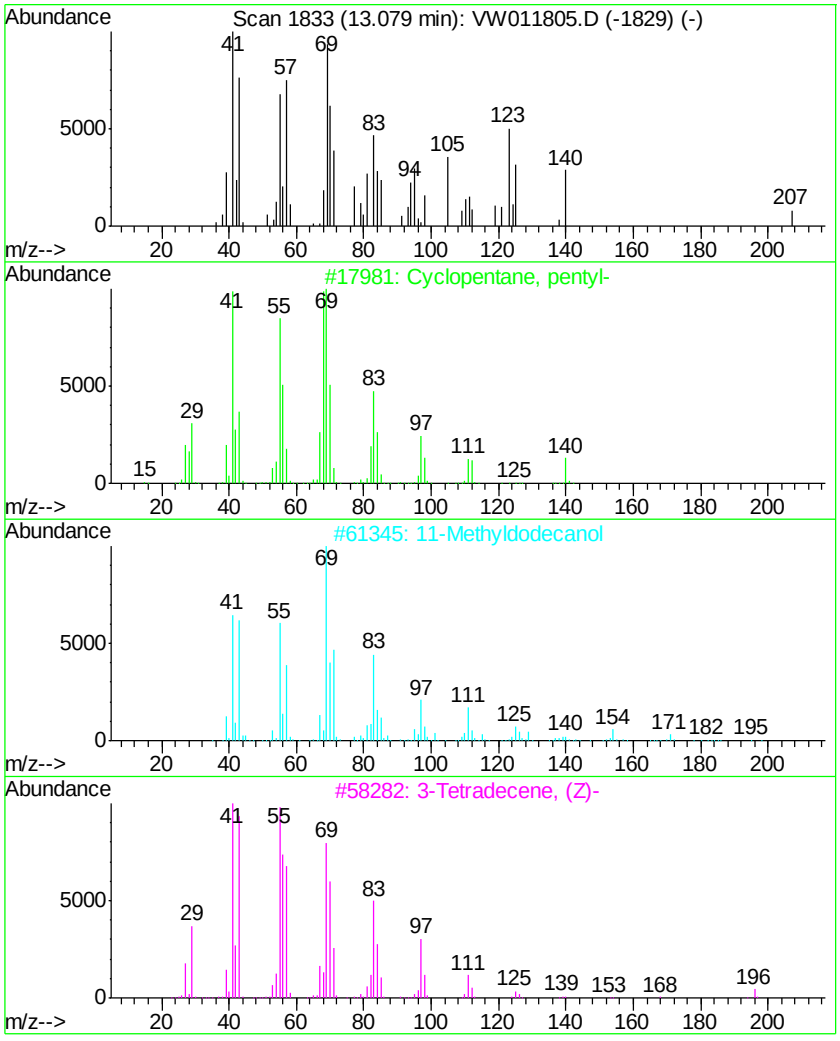
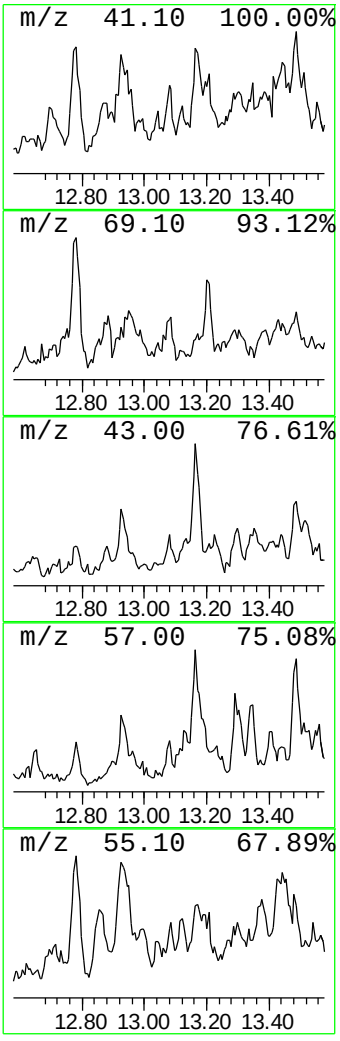
Peak Number 18 (DEL) Alkane: Cyclic13.08 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	1.32 ug/L	12671	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, pentyl-	140	C10H20	003741-00-2	43
2	11-Methyldodecanol	200	C13H28O	085763-57-1	43
3	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	38
4	4-Decene	140	C10H20	019689-18-0	38
5	5-Decene, (E)-	140	C10H20	007433-56-9	35





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Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

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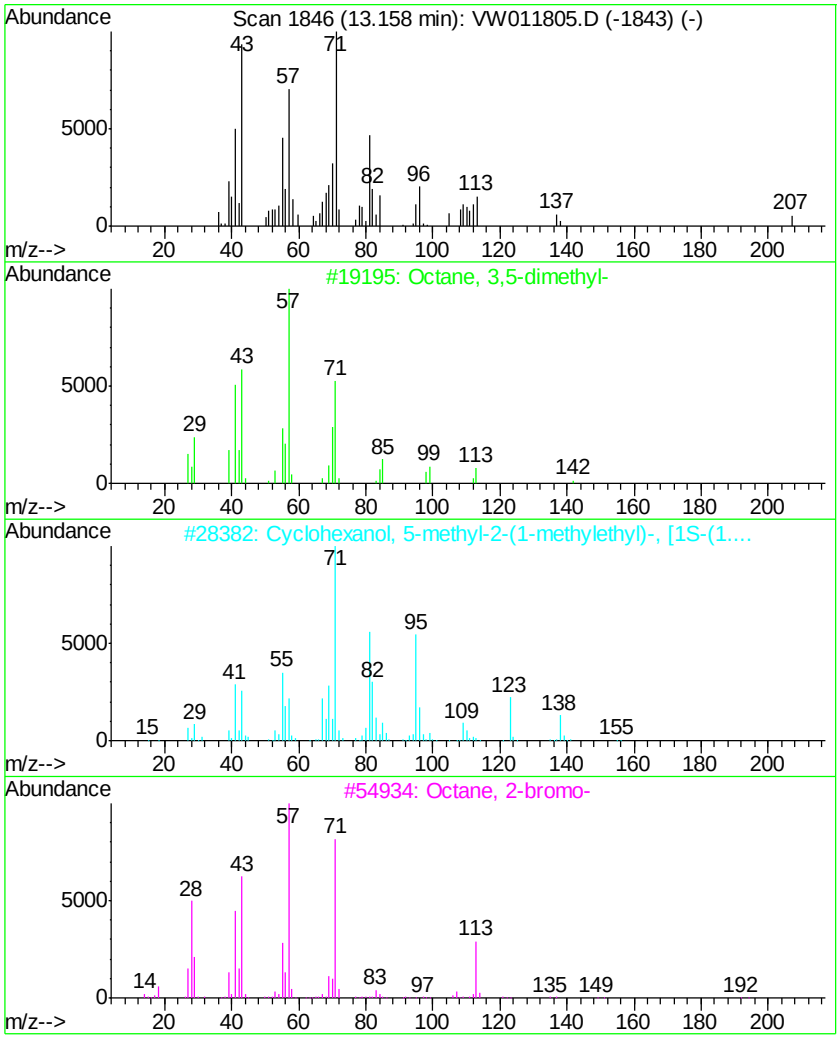
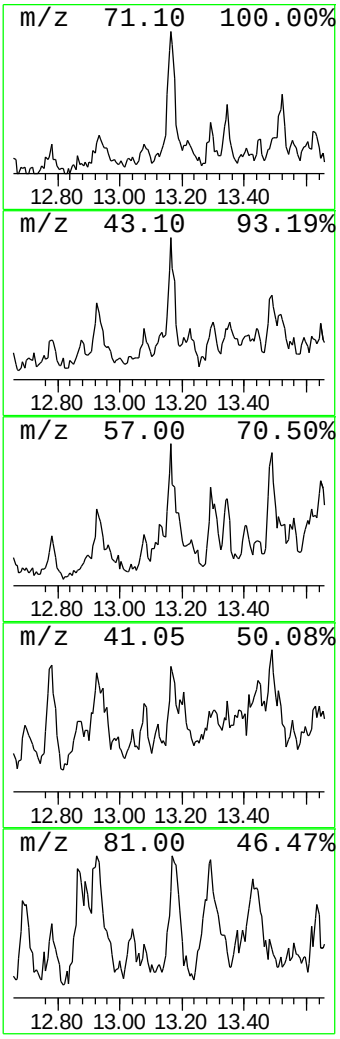
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.74 ug/L	35837	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43
2	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	38
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38
5	Isobutyl isopentyl carbonate	188	C10H20O3	1000372-76-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

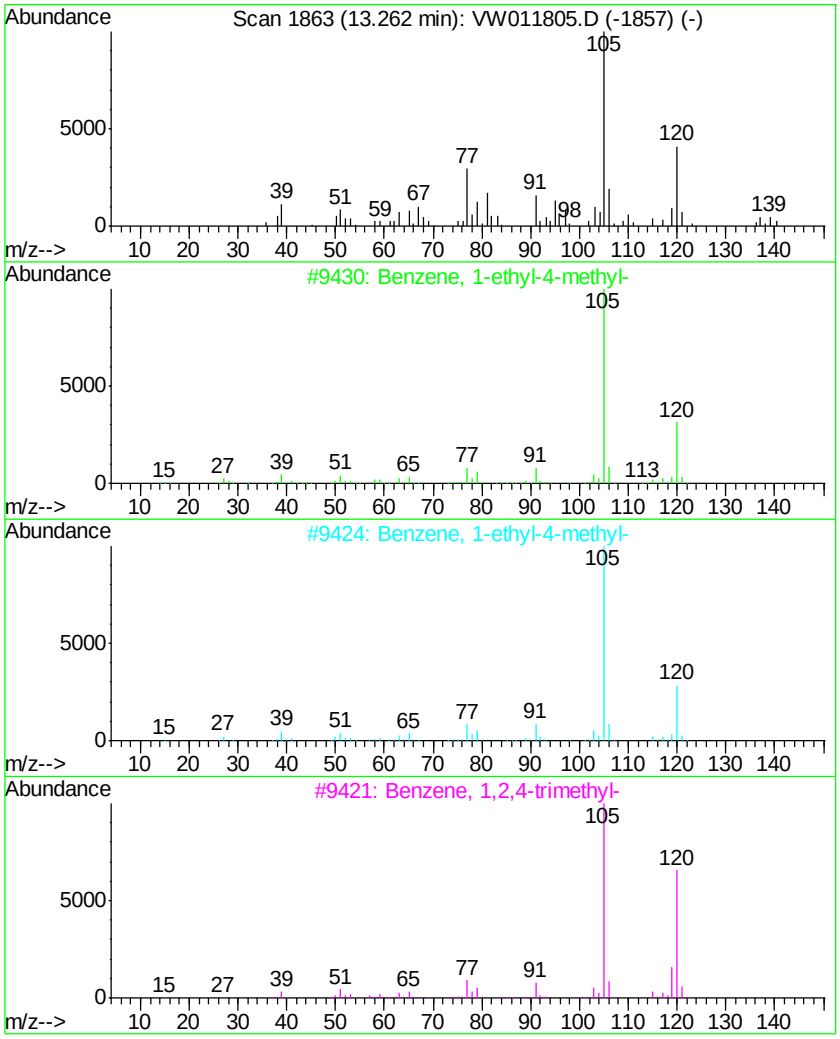
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

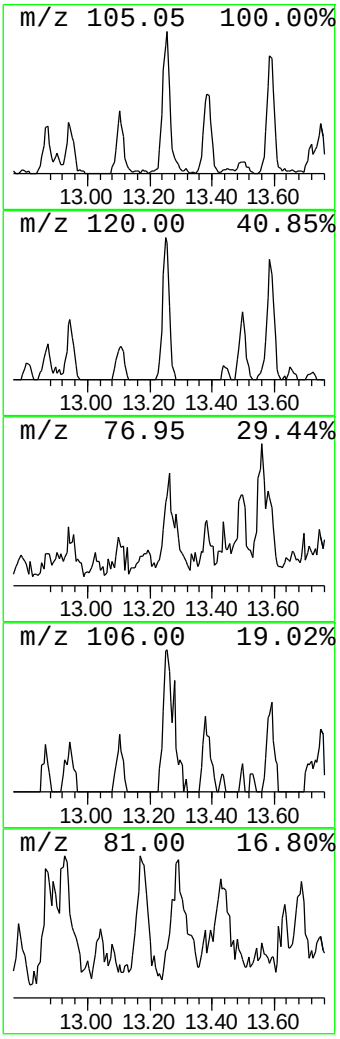
****

Peak Number 20 Benzene, 1-ethyl-4-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.33 ug/L	22333	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

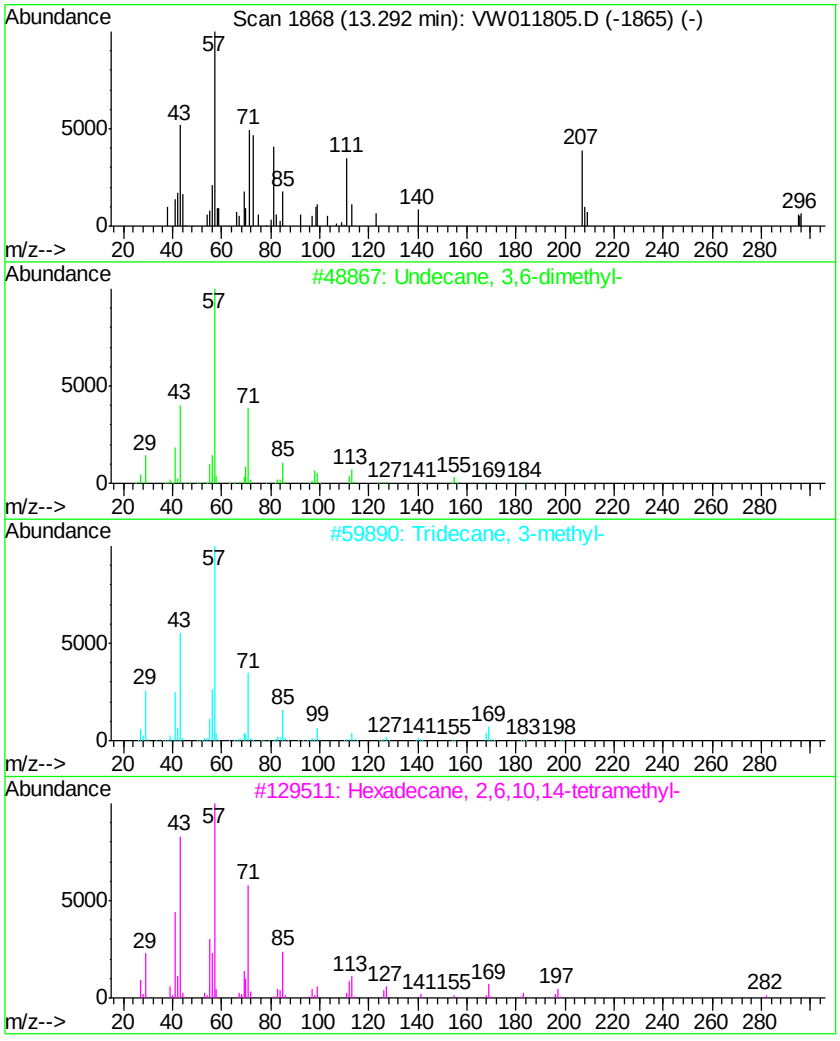
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

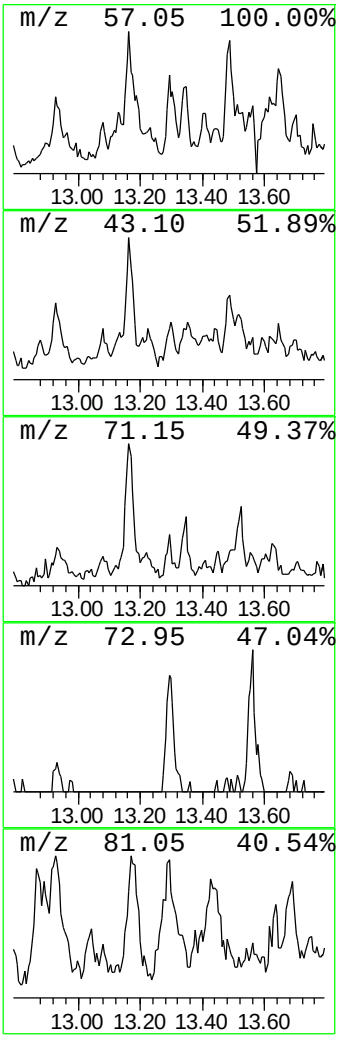
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	1.61 ug/L	15423	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	35
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	27
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	27
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	27
5	Nonane, 2-methyl-	142	C10H22	000871-83-0	27





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

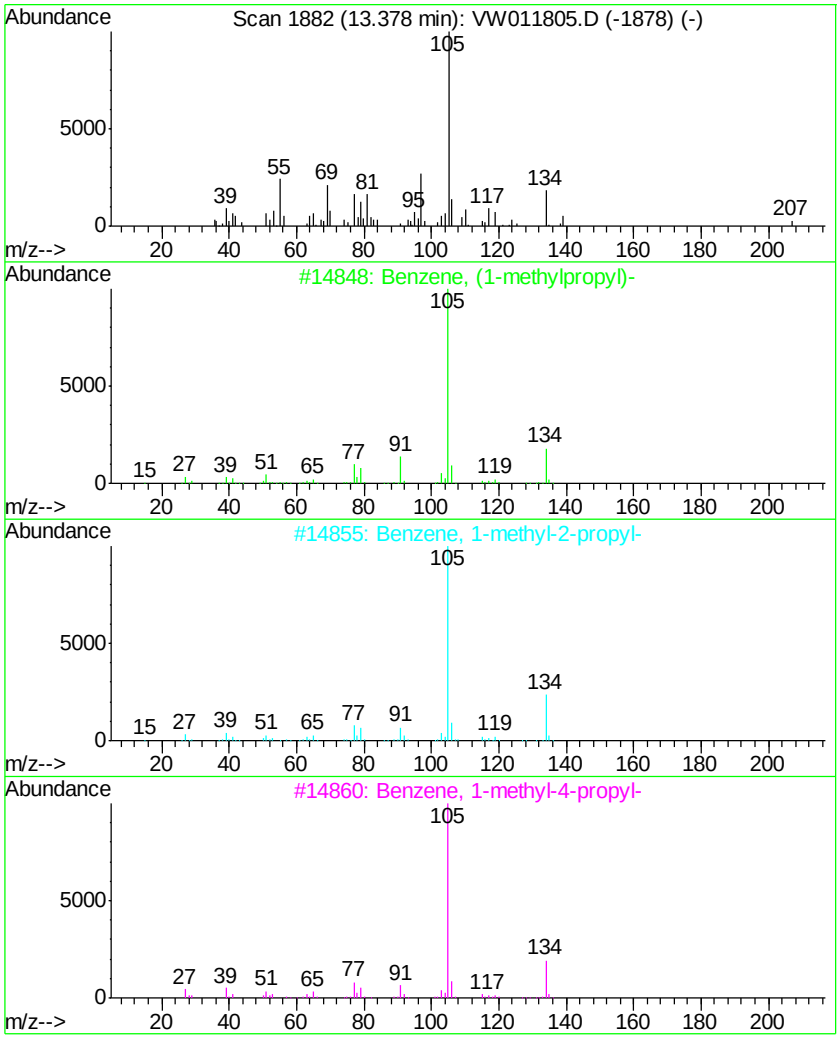
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

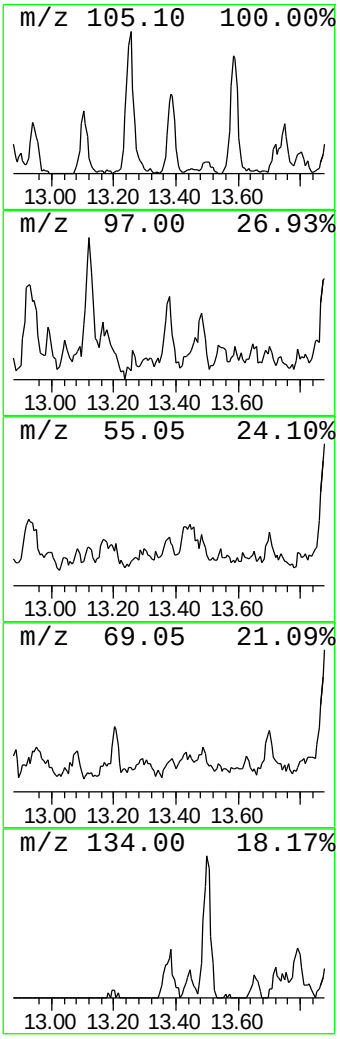
****

Peak Number 22 unknown-04 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.03 ug/L	19460	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38





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Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

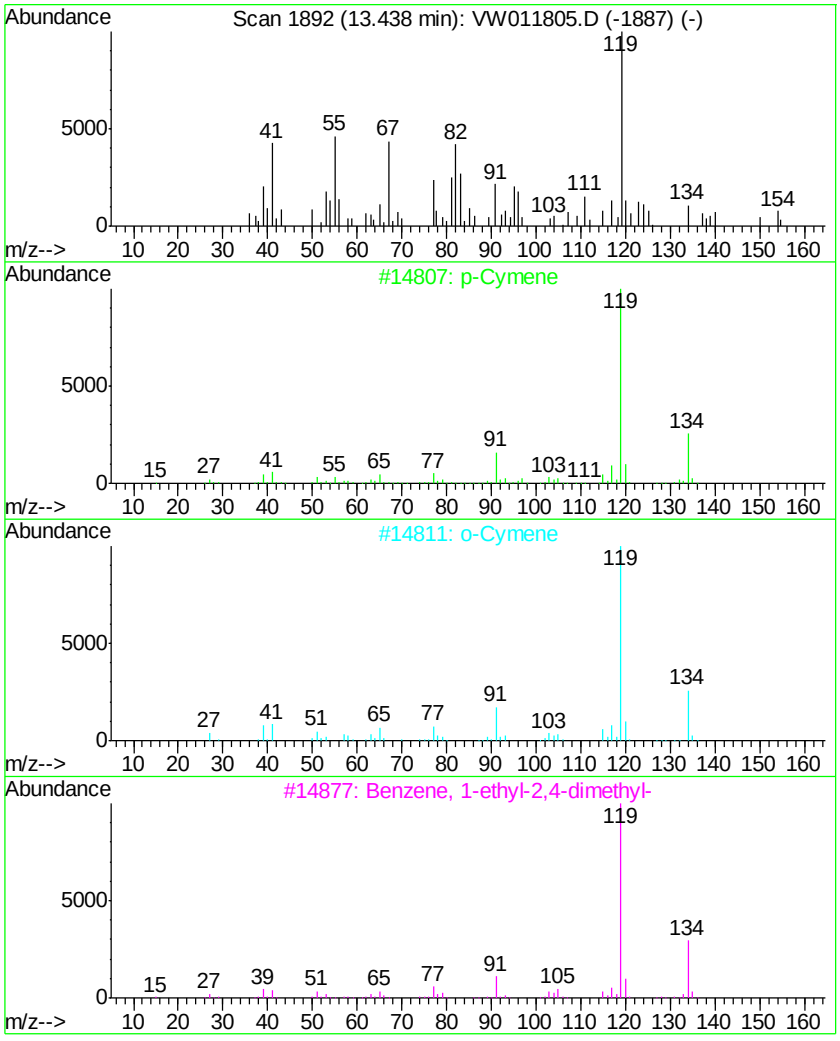
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

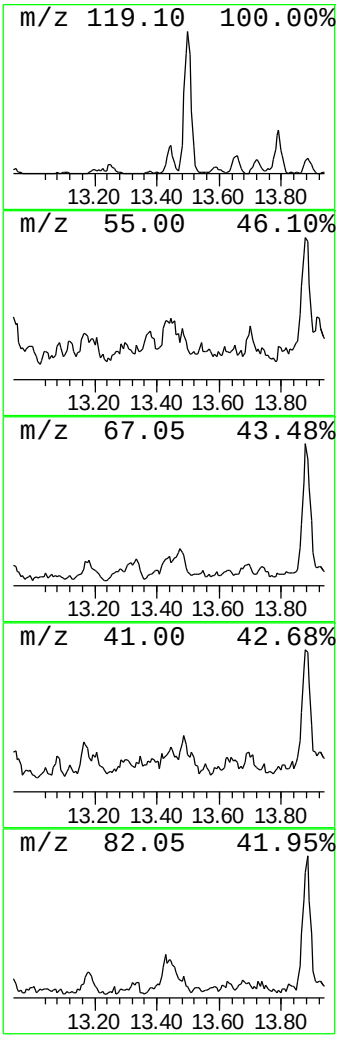
****

Peak Number 23 unknown-05 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	3.05 ug/L	29188	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	43
2	o-Cymene	134	C10H14	000527-84-4	43
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	43
4	p-Cymene	134	C10H14	000099-87-6	43
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

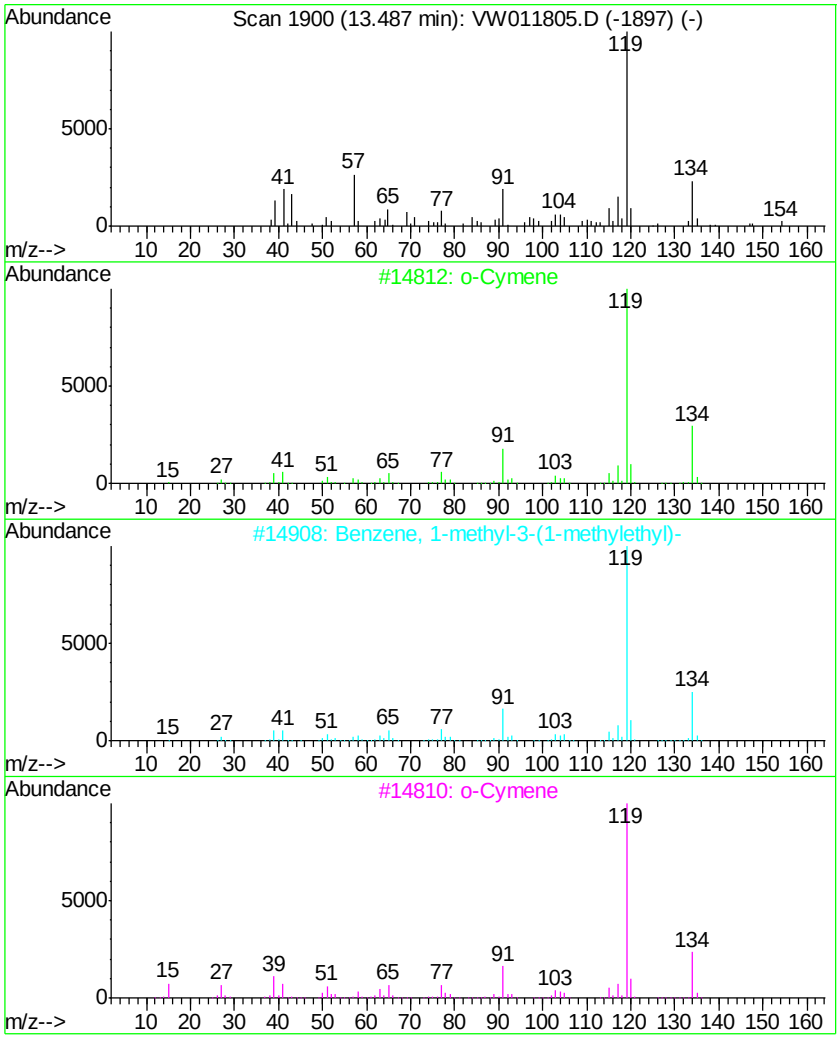
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

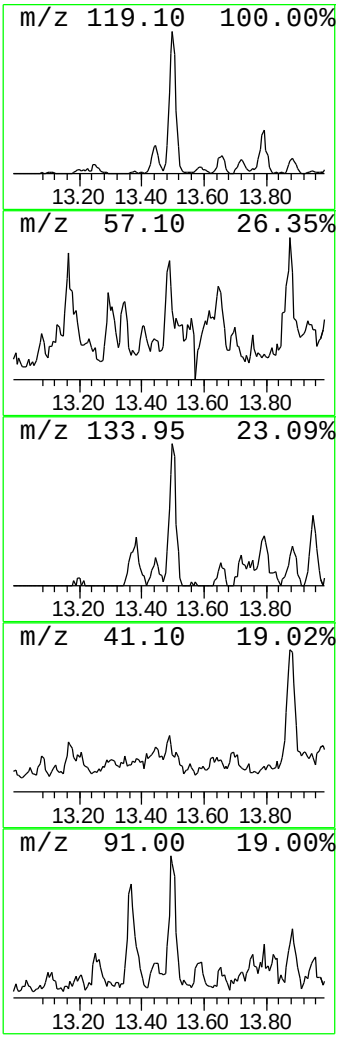
****

Peak Number 24 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	5.28 ug/L	50563	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	81
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
3	o-Cymene	134	C10H14	000527-84-4	81
4	p-Cymene	134	C10H14	000099-87-6	81
5	o-Cymene	134	C10H14	000527-84-4	81





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Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

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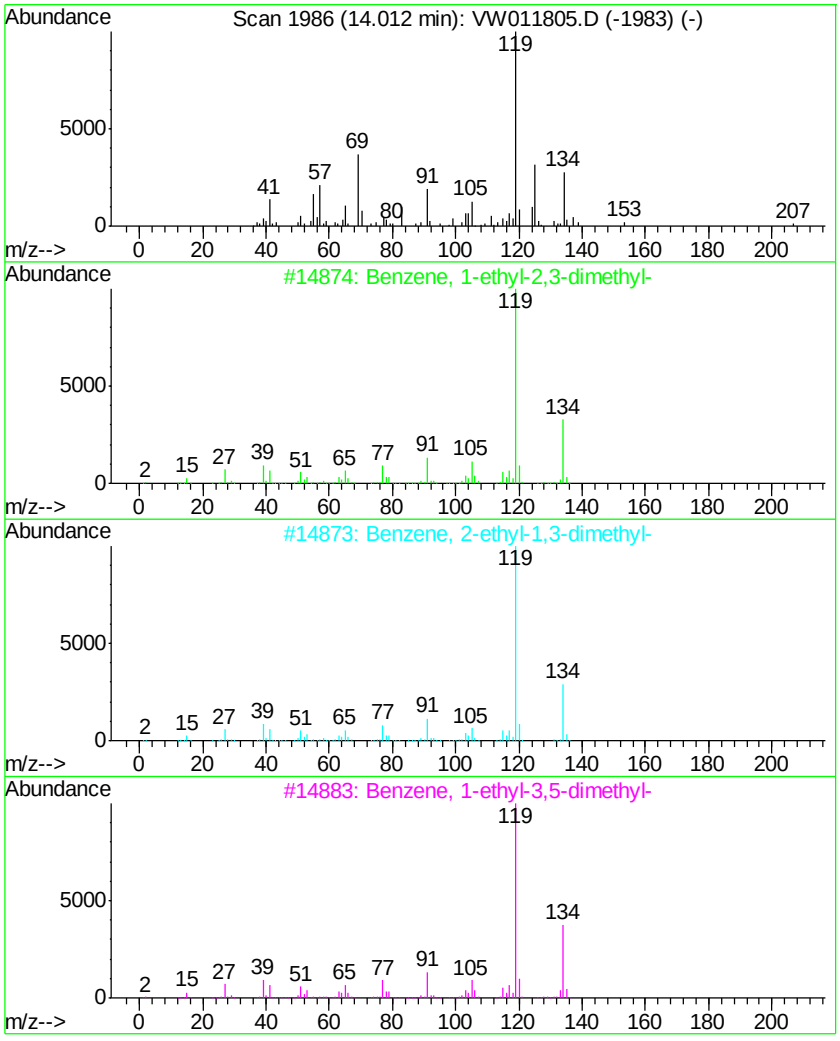
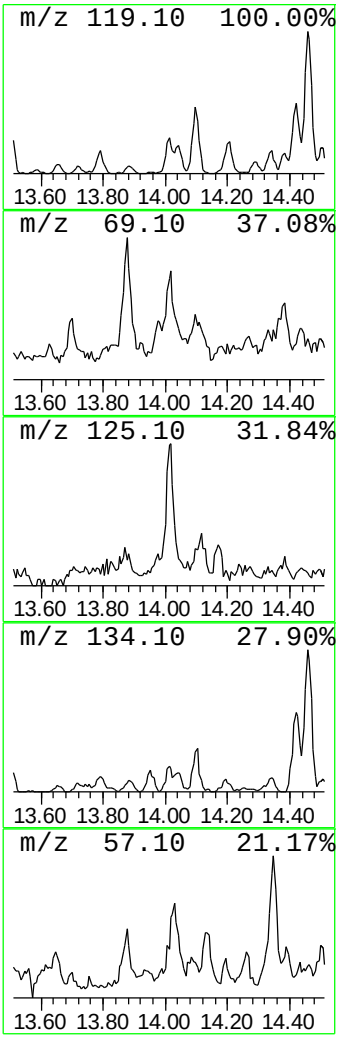
Peak Number 25 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.35 ug/L	22508	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70





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Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

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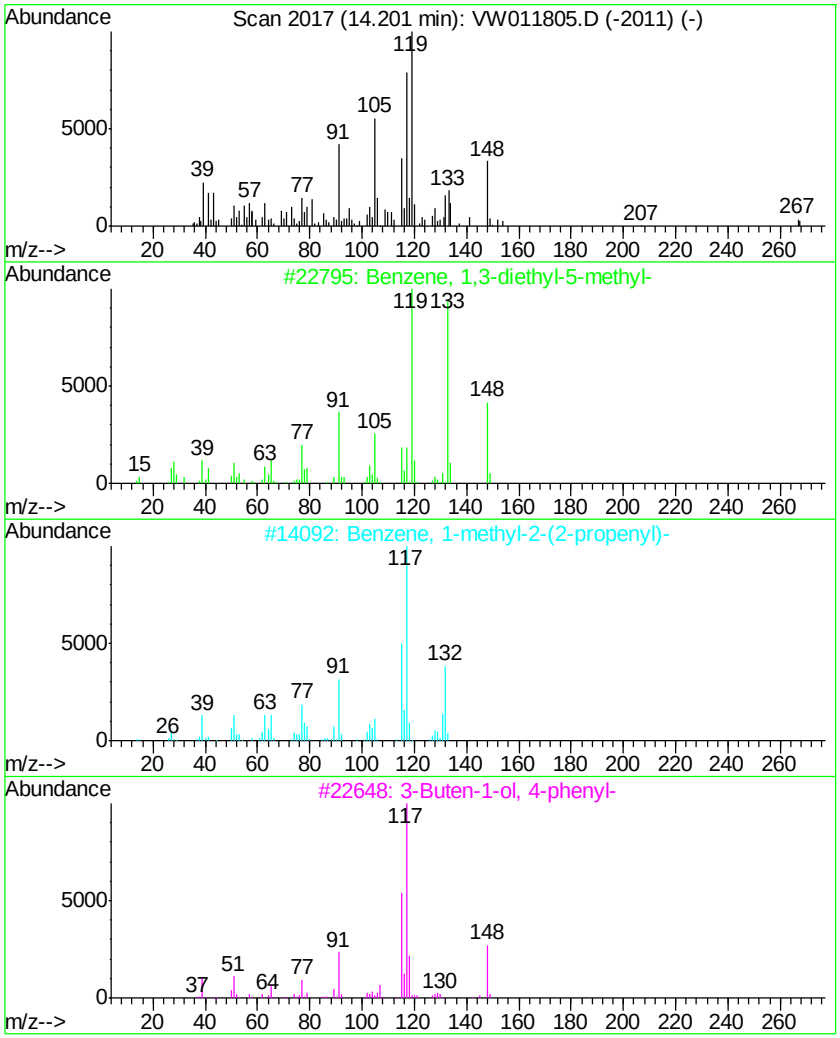
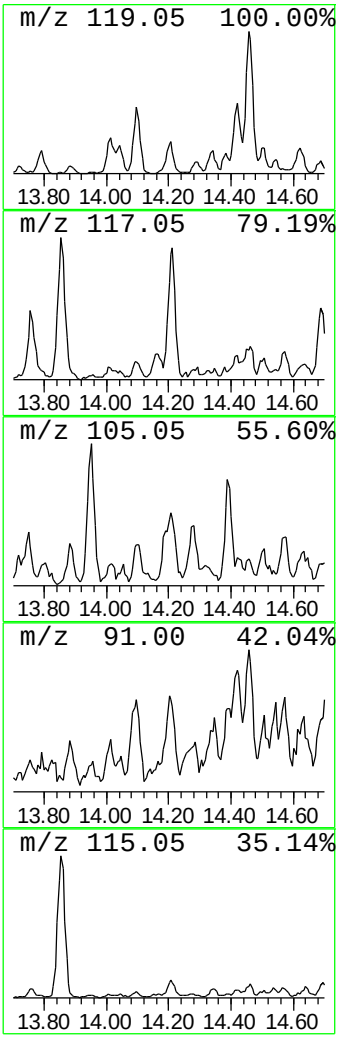
Peak Number 26 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	5.72 ug/L	54740	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	50
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	46
3	3-Buten-1-ol, 4-phenyl-	148	C10H12O	000937-58-6	45
4	4'-Methylpropiophenone	148	C10H12O	005337-93-9	42
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

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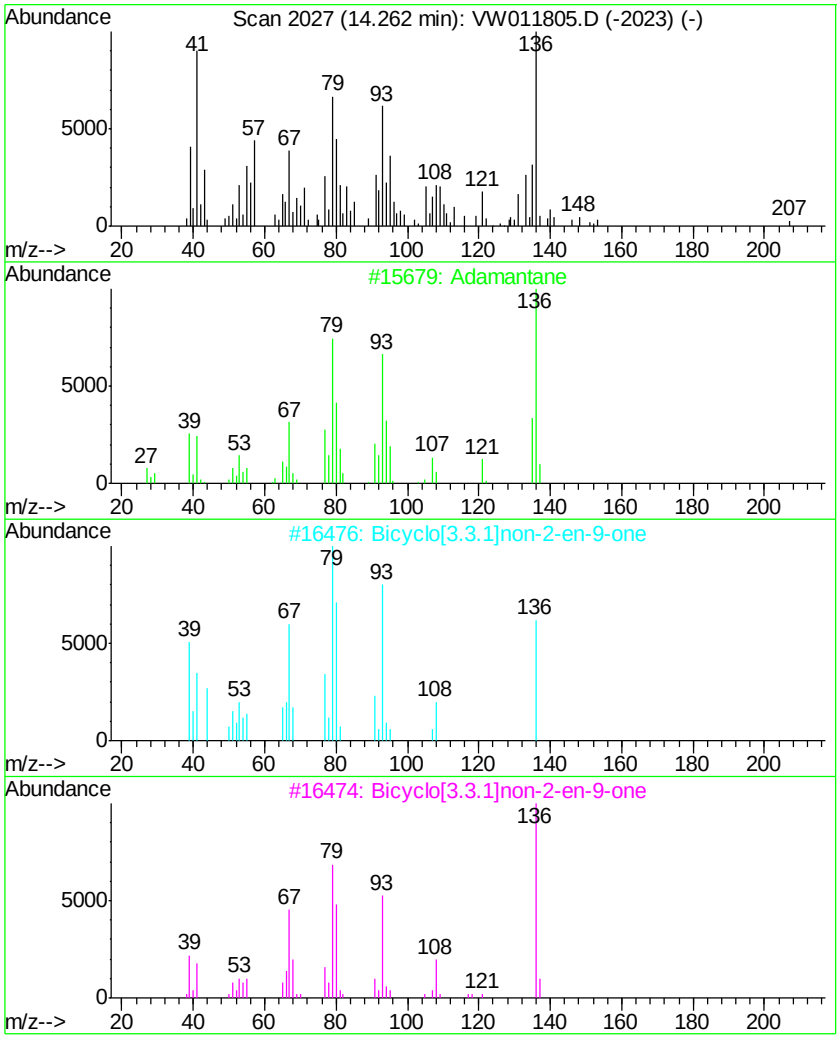
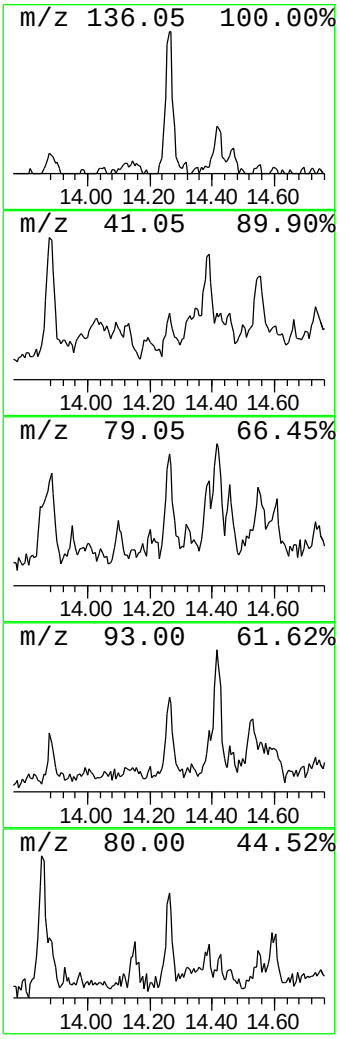
Peak Number 27 Adamantane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	4.90 ug/L	46922	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	86
2	Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	70
3	Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	62
4	Adamantane	136	C10H16	000281-23-2	62
5	Adamantane	136	C10H16	000281-23-2	58





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Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

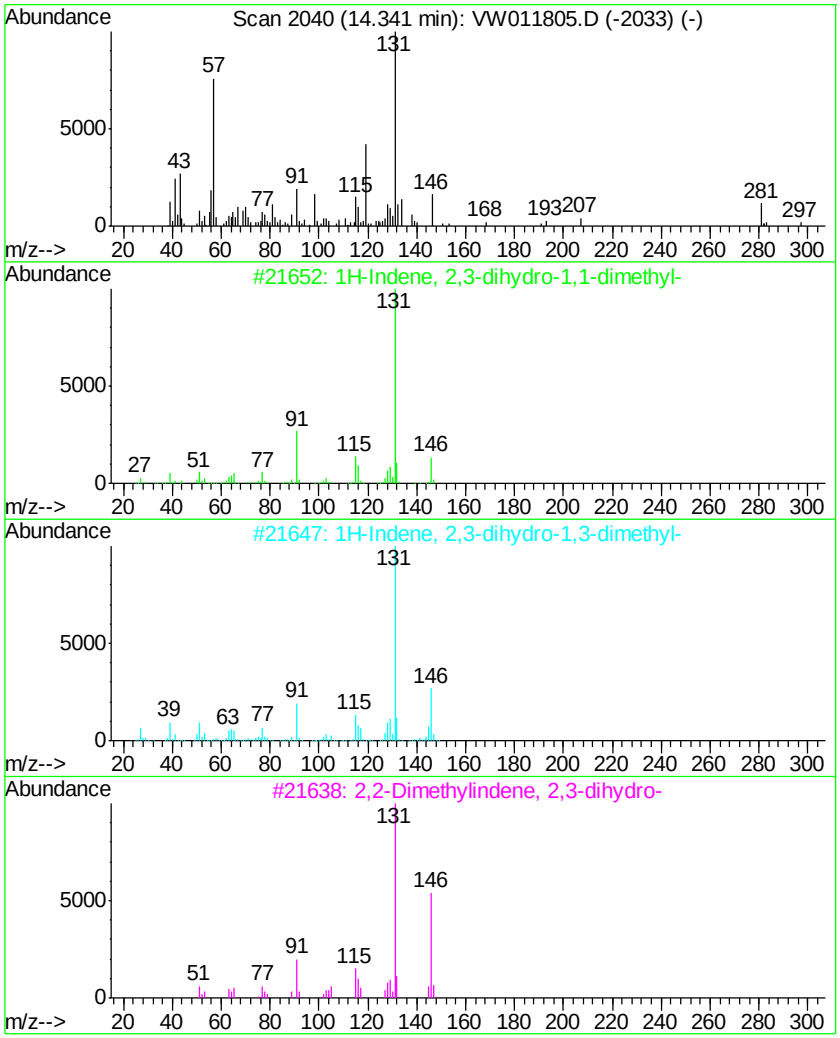
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

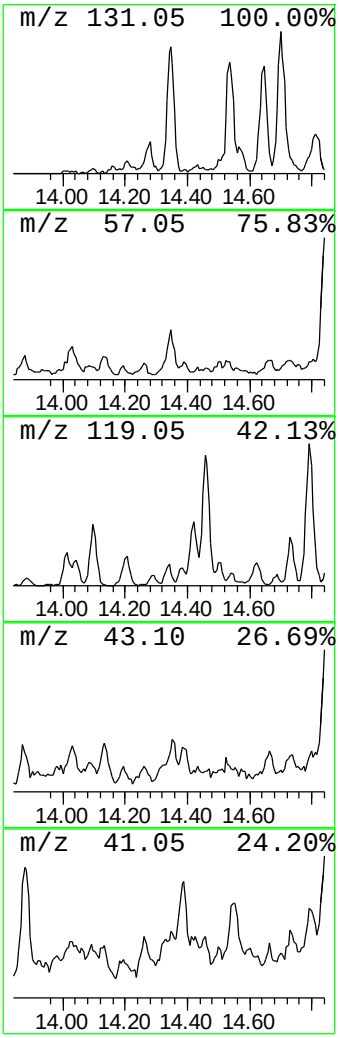
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	7.39 ug/L	70724	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	60
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53





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Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

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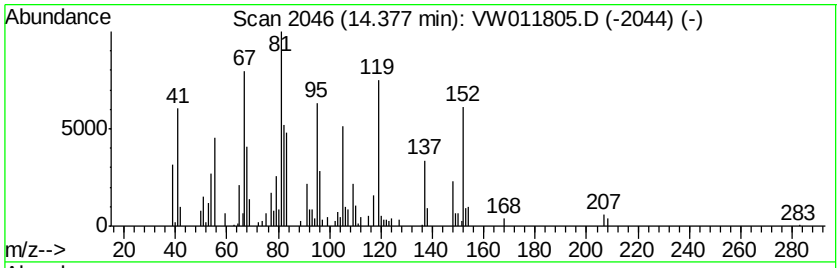
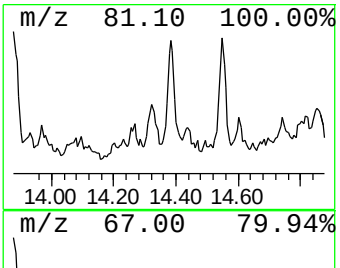
Peak Number 29 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	8.88 ug/L	85018	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2	Pulegone	152	C10H16O	000089-82-7	53
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	53
4	Cycloundecene (Z)	152	C11H20	013151-61-6	50
5	Pulegone	152	C10H16O	000089-82-7	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

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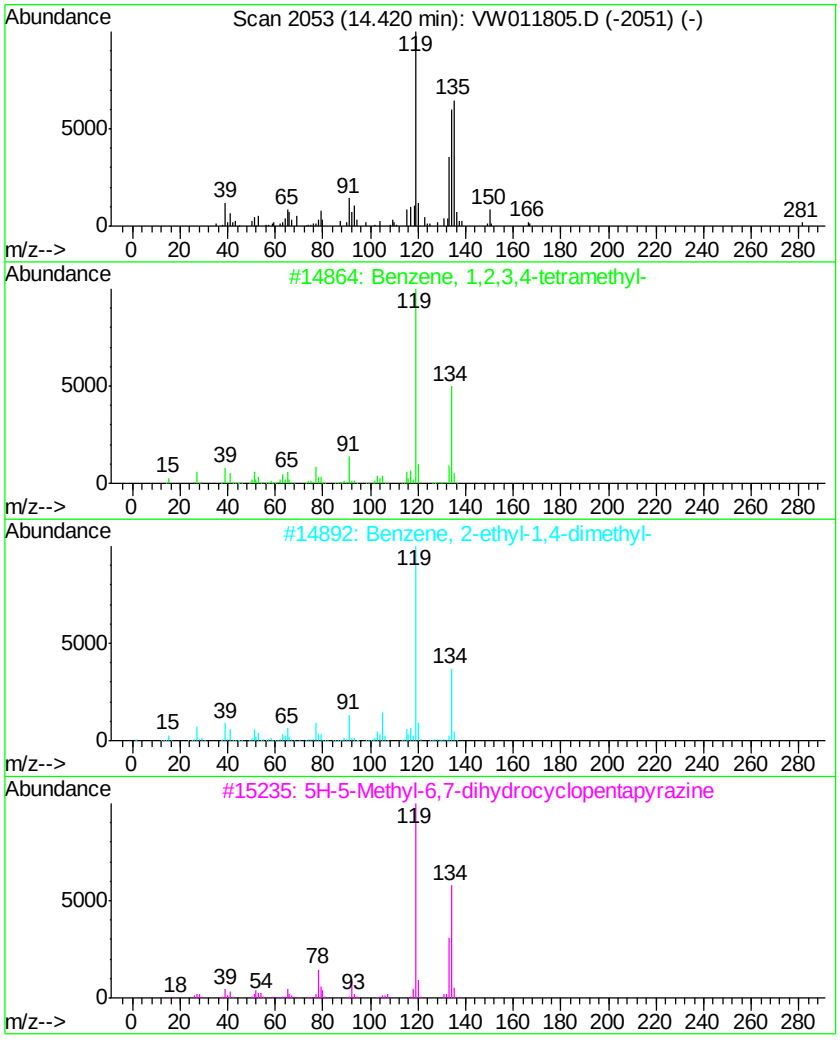
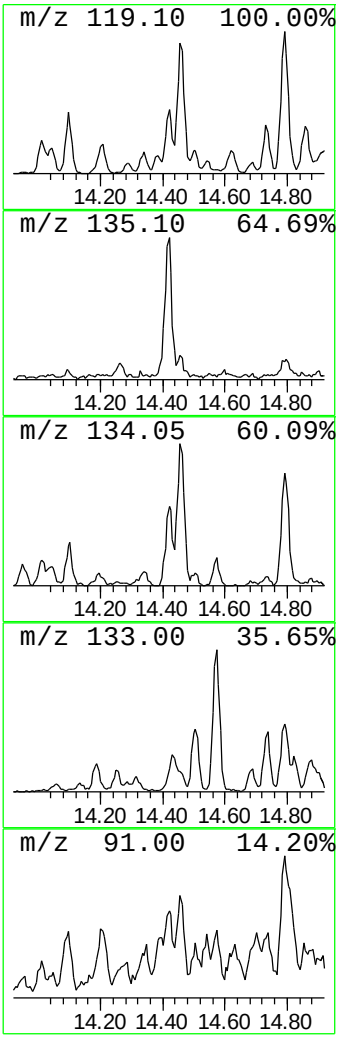
Peak Number 30 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	5.20 ug/L	49749	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58
3	5H-5-Methyl-6,7-dihydrocyclopent...	134	C8H10N2	023747-48-0	58
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	58
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

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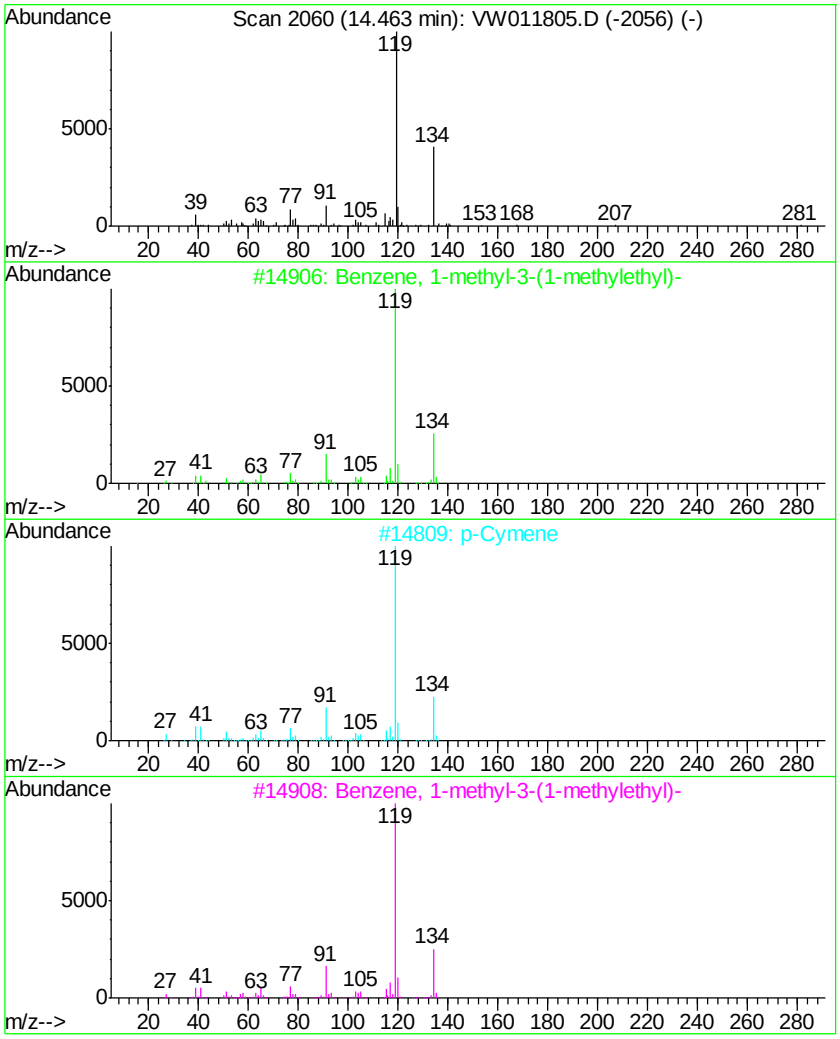
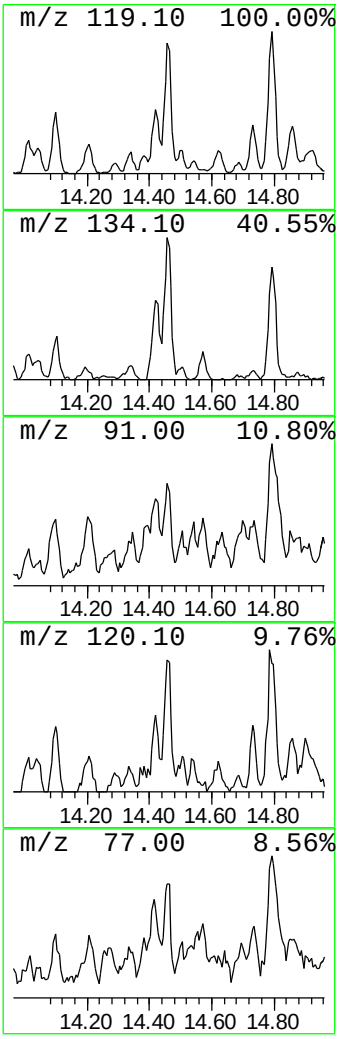
Peak Number 31 Benzene, 1-methyl-3-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	6.59 ug/L	63079	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2	p-Cymene	134	C10H14	000099-87-6	90
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
5	o-Cymene	134	C10H14	000527-84-4	87





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Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

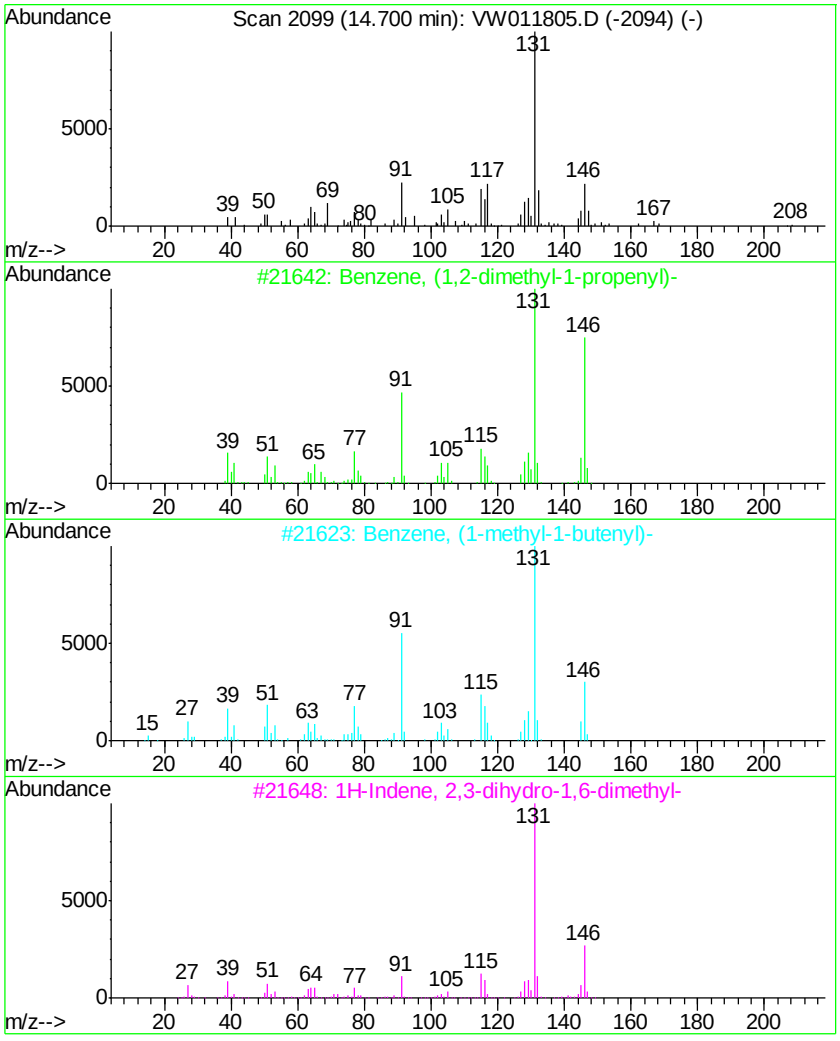
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

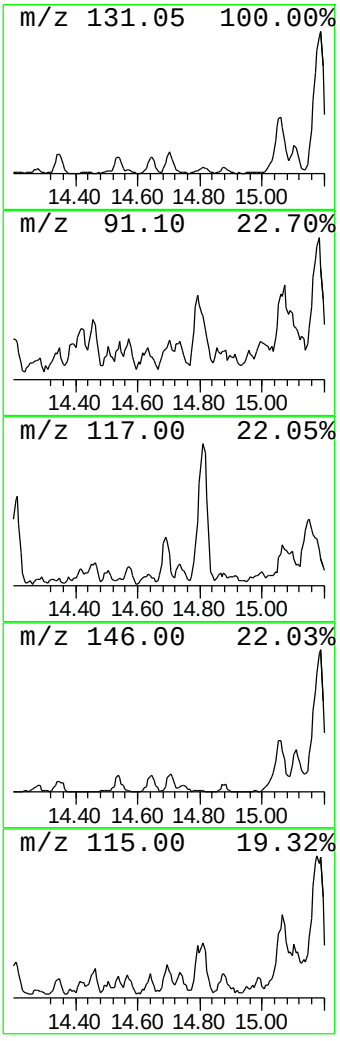
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	3.28 ug/L	31408	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

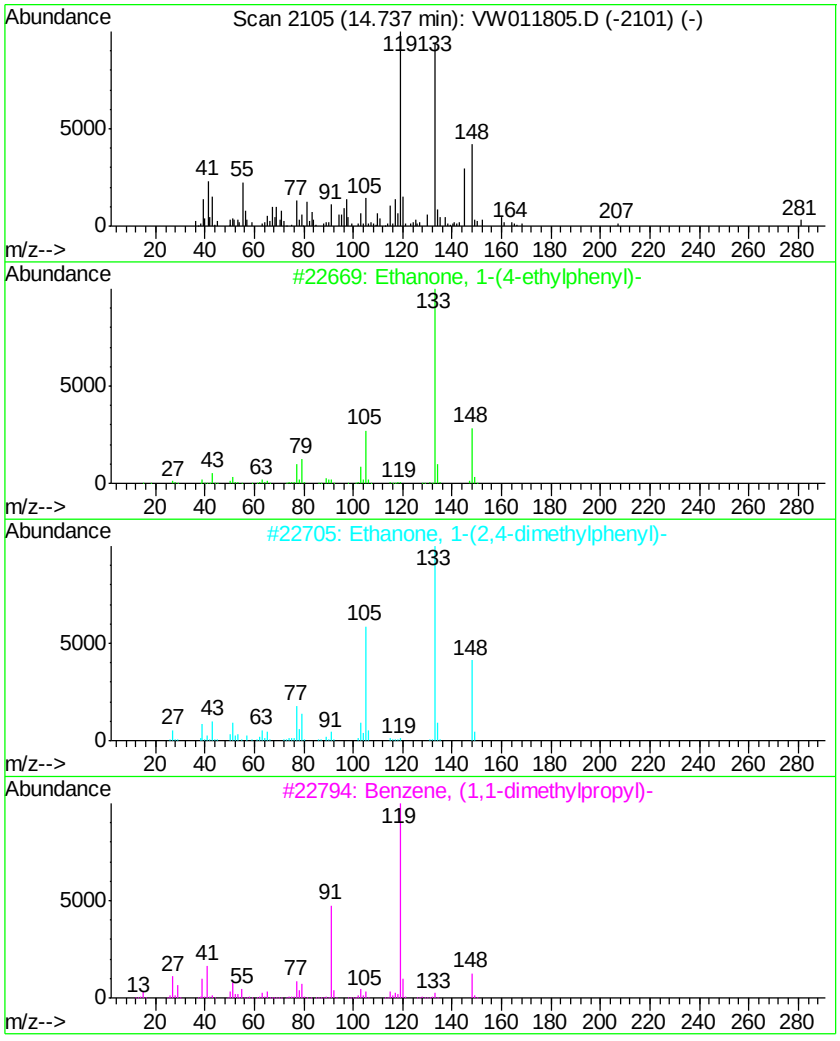
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

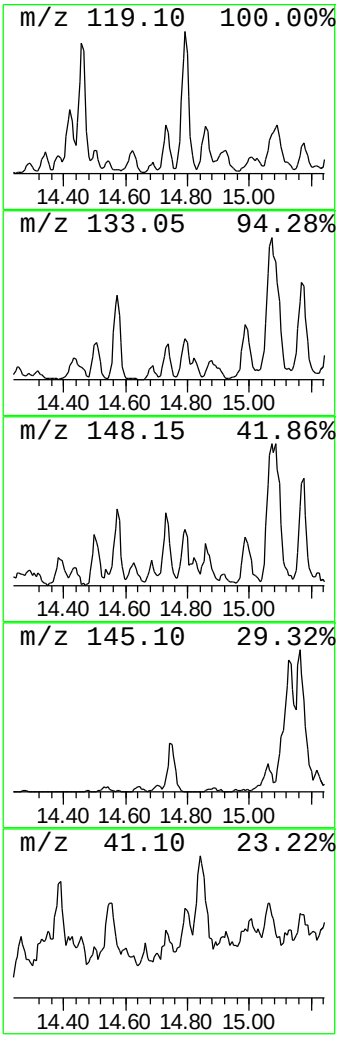
****

Peak Number 35 unknown-07 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	5.23 ug/L	50084	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	41
2	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	38
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	38
5	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

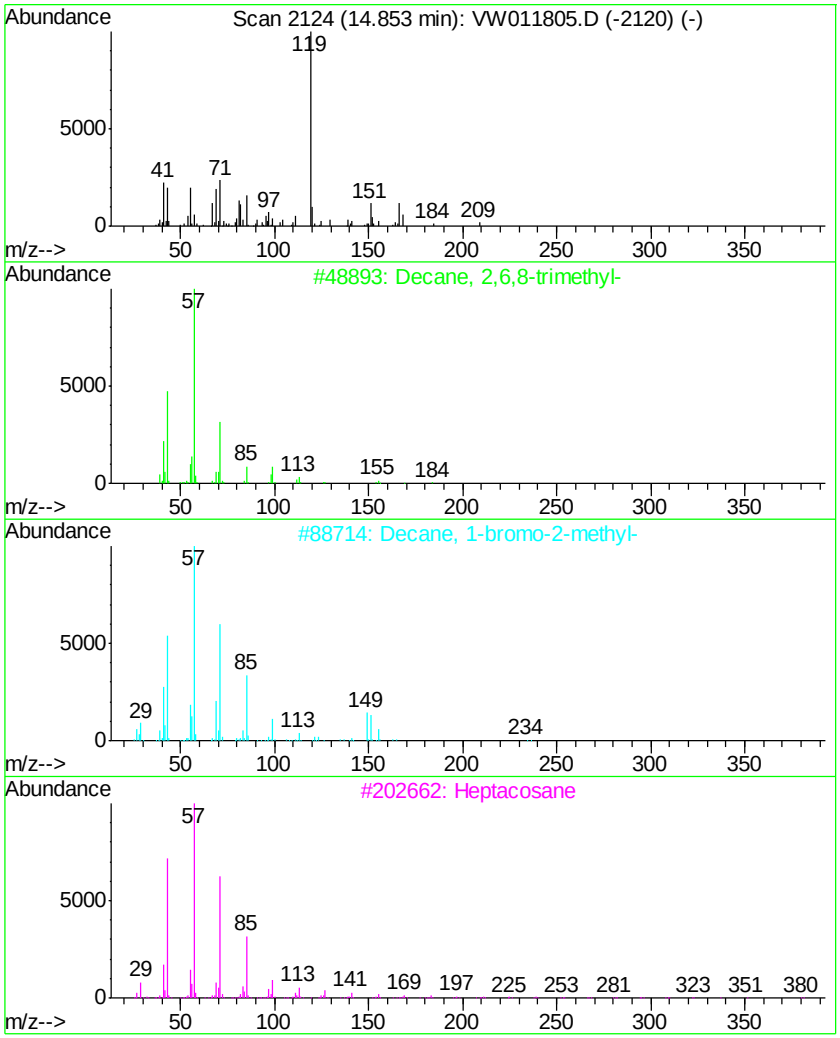
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

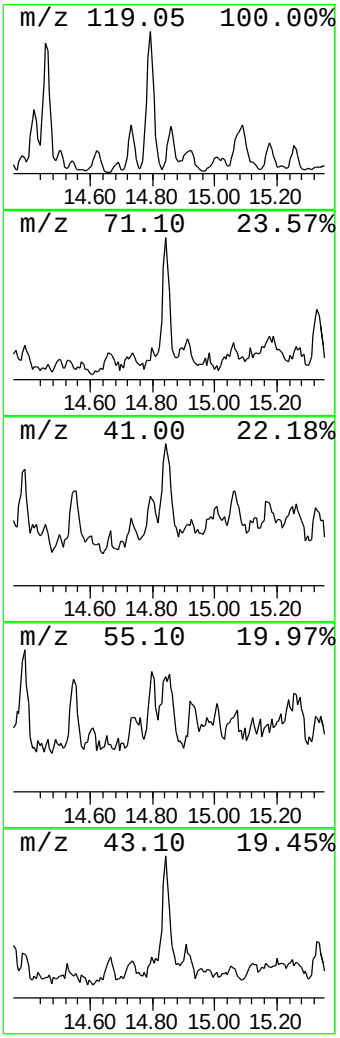
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	9.42 ug/L	90184	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	43
2	Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	38
3	Heptacosane	380	C27H56	000593-49-7	38
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	27
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

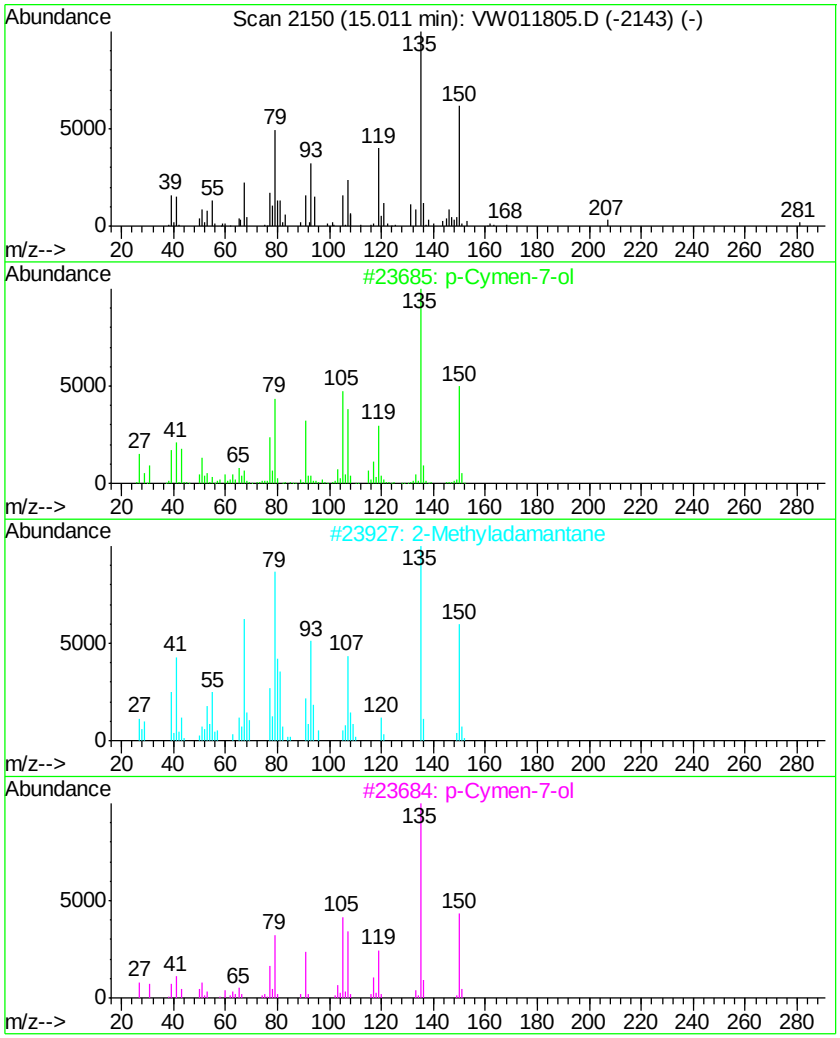
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

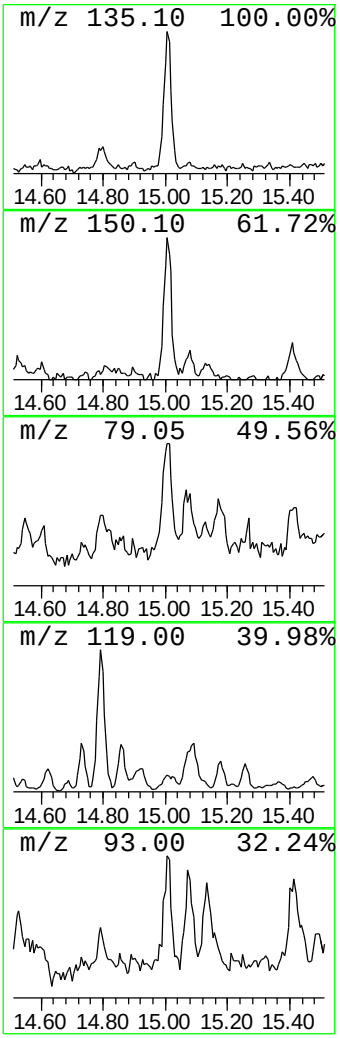
****

Peak Number 38 p-Cymen-7-ol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	5.51 ug/L	52769	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymen-7-ol	150	C10H14O	000536-60-7	68
2	2-Methyladamantane	150	C11H18	000700-56-1	64
3	p-Cymen-7-ol	150	C10H14O	000536-60-7	62
4	p-Cymen-7-ol	150	C10H14O	000536-60-7	62
5	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	58





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Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

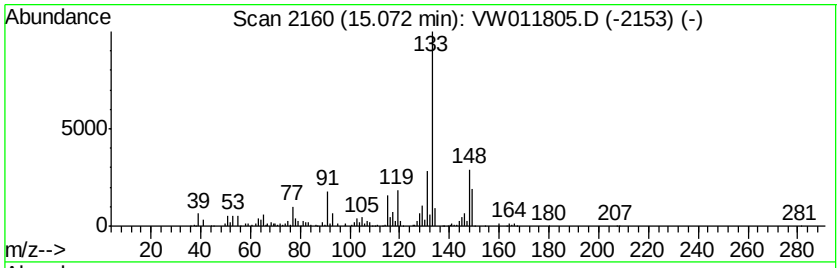
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

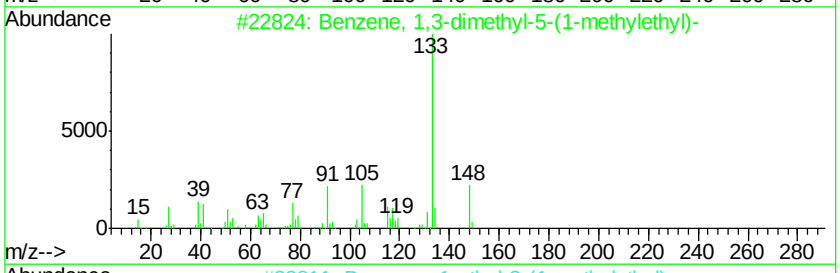
****

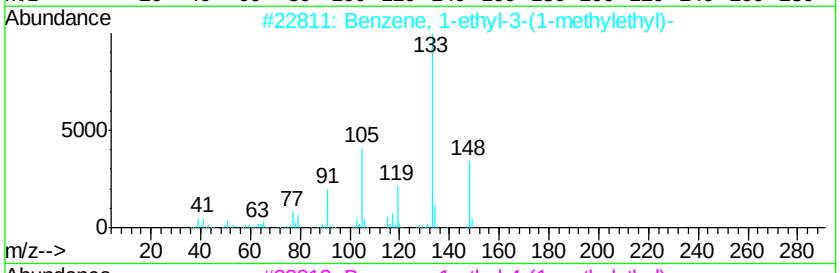
Peak Number 39 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 2

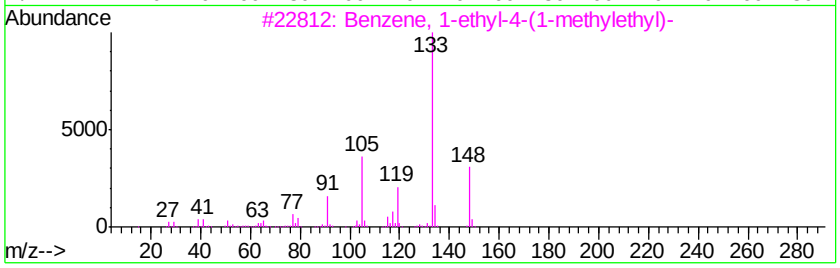
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	20.81 ug/L	199225	1,4-Dichlorobenzene-d4	13.56

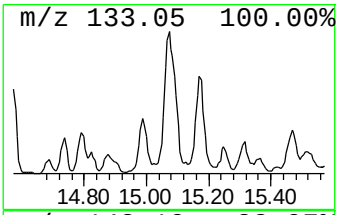
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	60
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	52
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	49

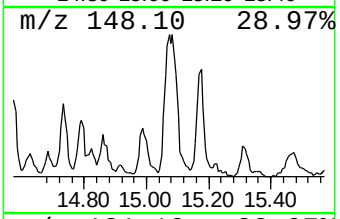


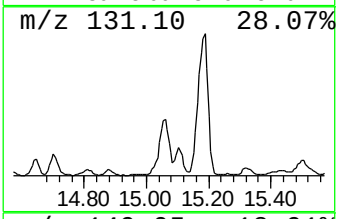


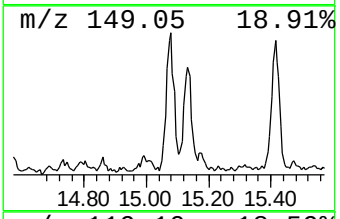


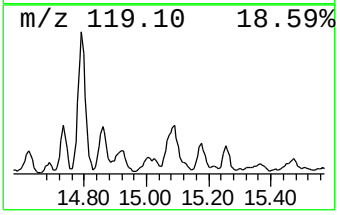












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

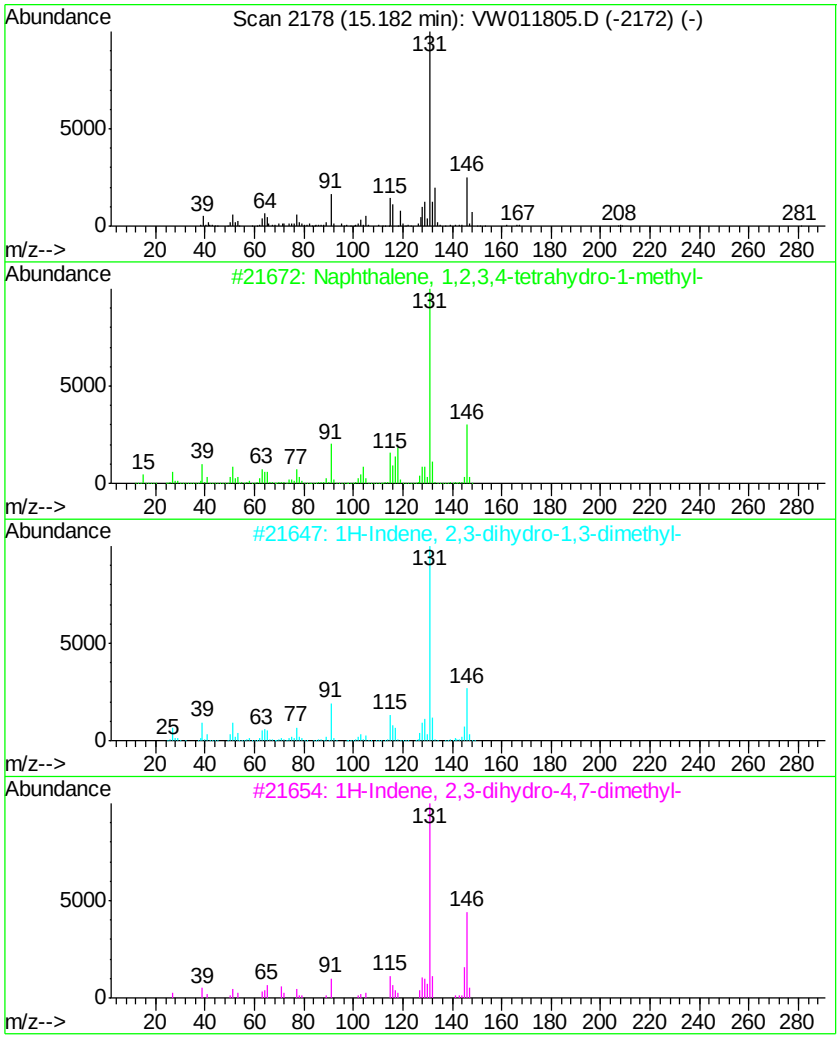
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

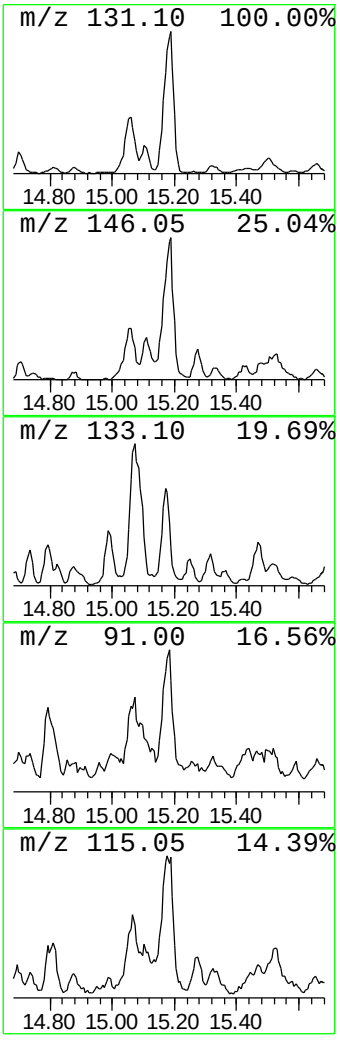
****

Peak Number 40 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	32.08 ug/L	307211	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	76
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

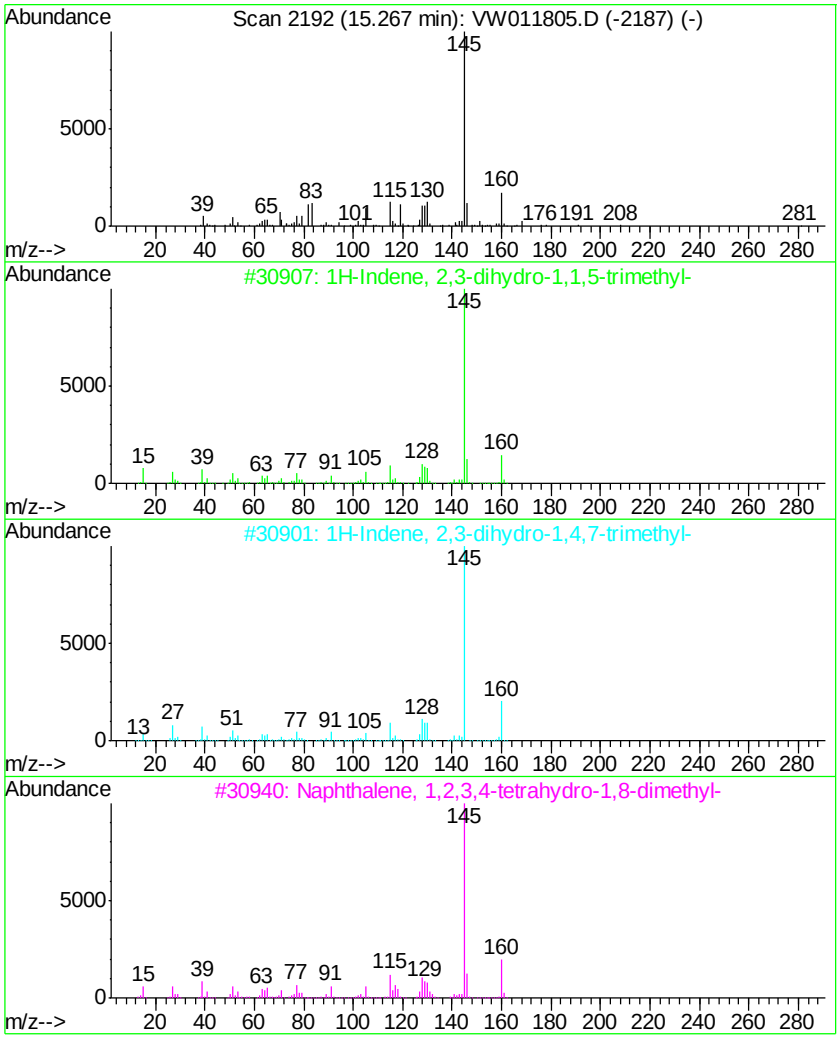
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

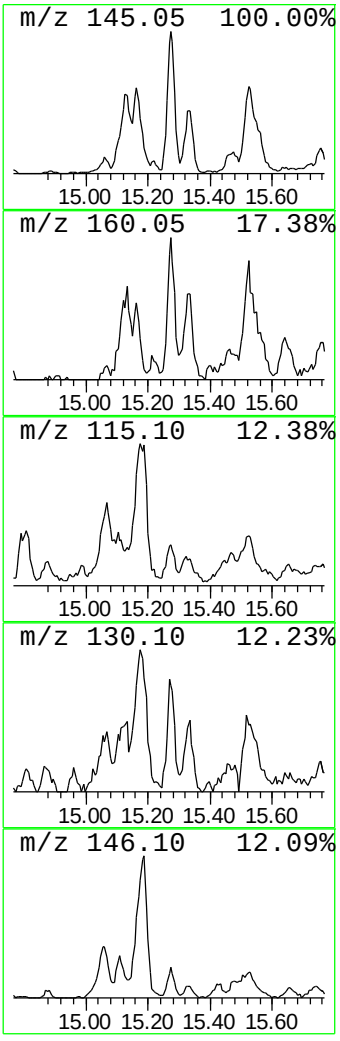
****

Peak Number 41 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	8.48 ug/L	81208	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	91
2	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	90
5	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

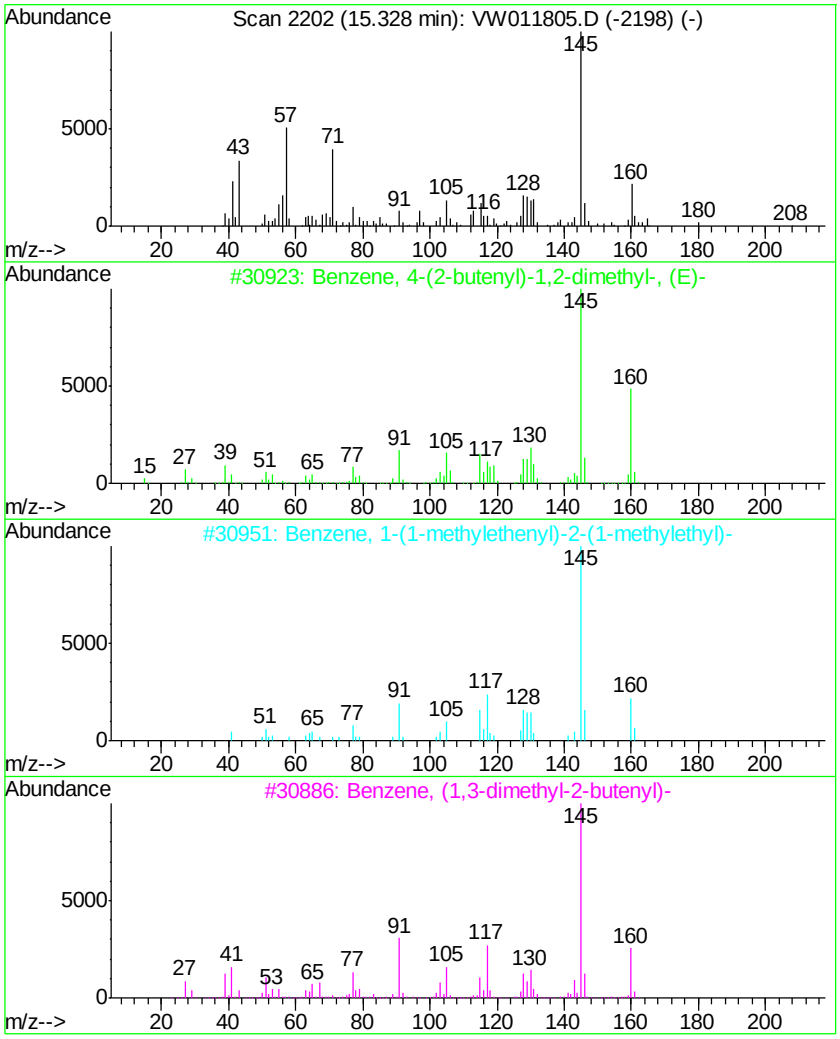
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

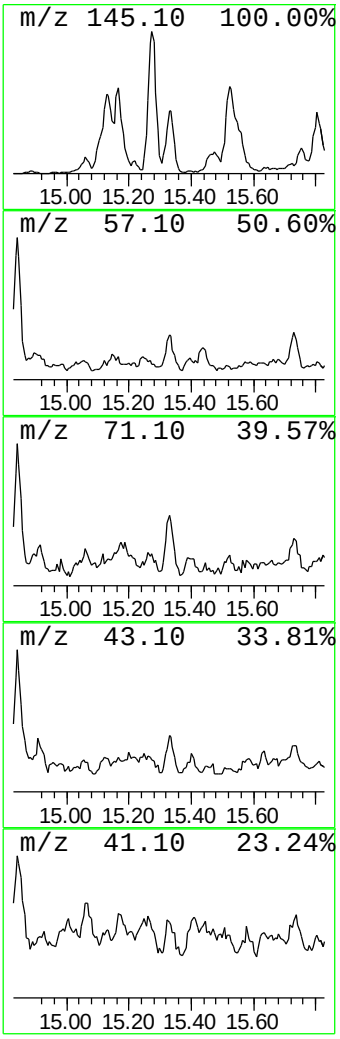
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	6.95 ug/L	66526	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	89
2	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	86
3	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	70
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	68
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

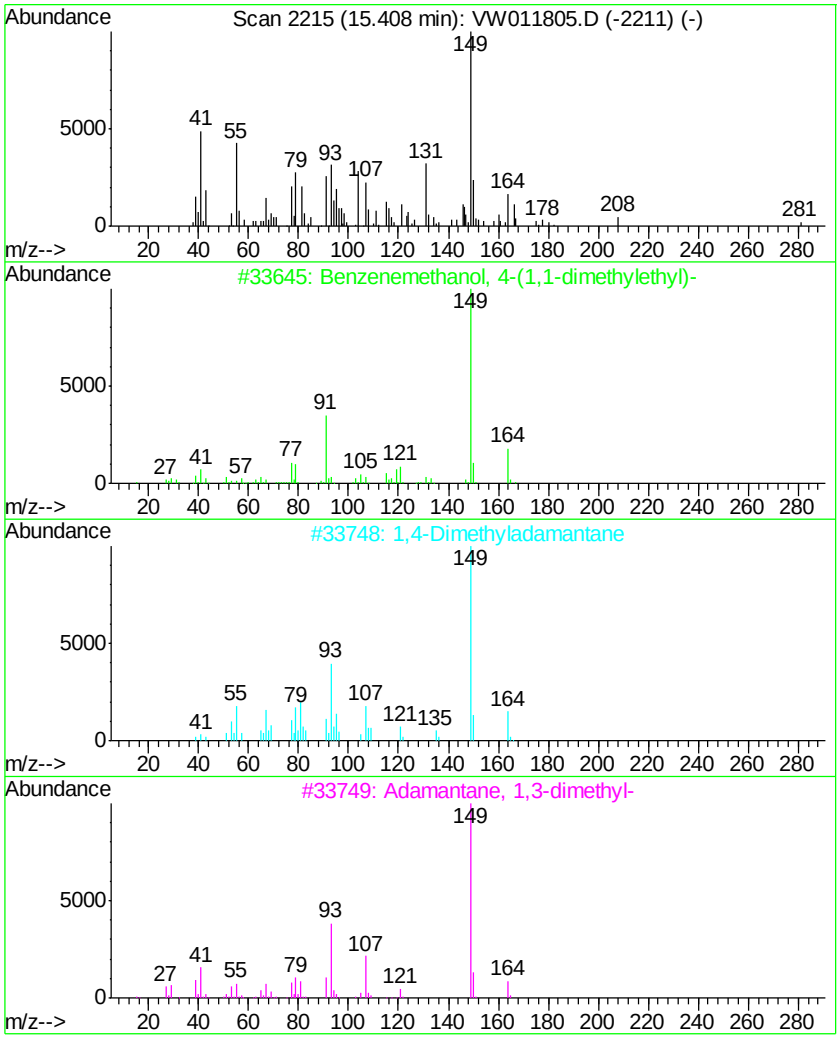
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

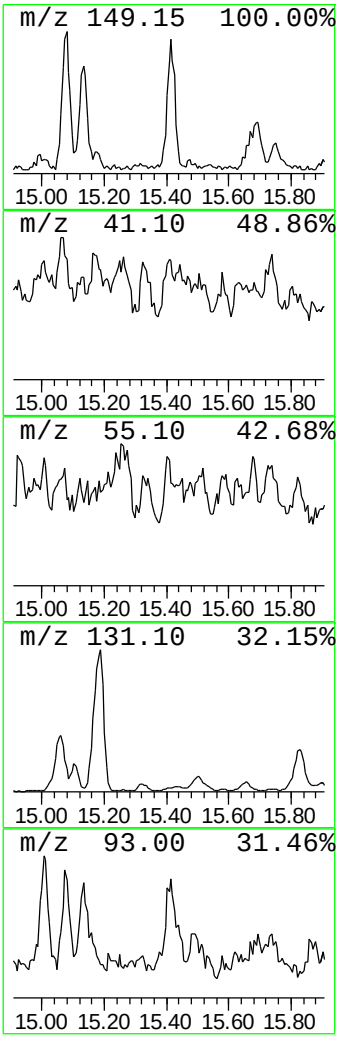
****

Peak Number 43 unknown-08 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	3.10 ug/L	29716	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	49
2	1,4-Dimethyladamantane	164	C12H20	024145-88-8	49
3	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	43
4	2-(3-Methylbuta-1,3-dienyl)cyclo...	164	C11H16O	1000191-75-5	43
5	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

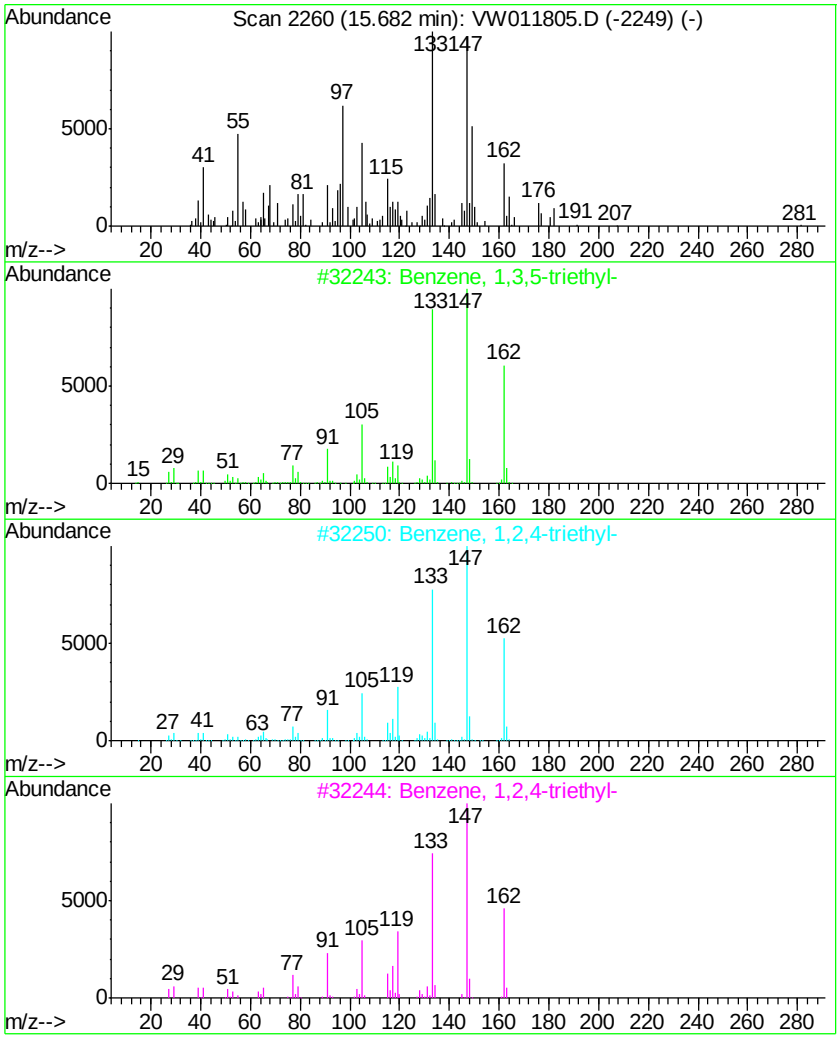
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

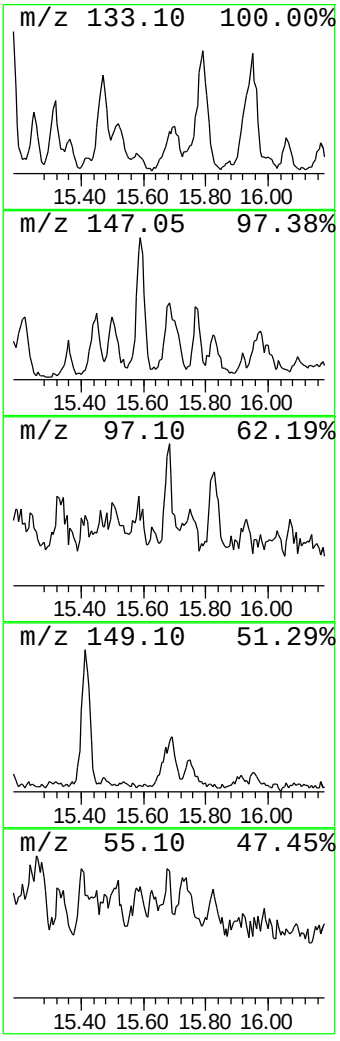
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 1,3,5-triethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	8.20 ug/L	78488	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	78
2	Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	60
3	Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	60
4	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	60
5	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

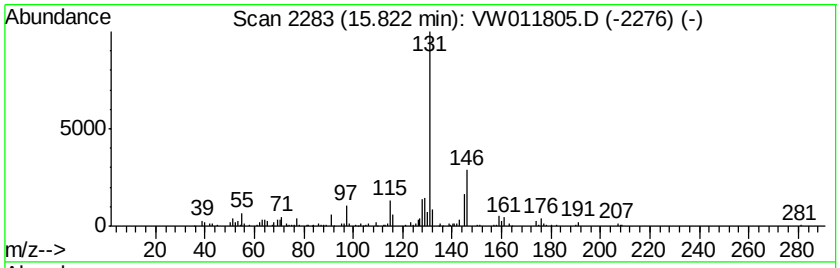
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

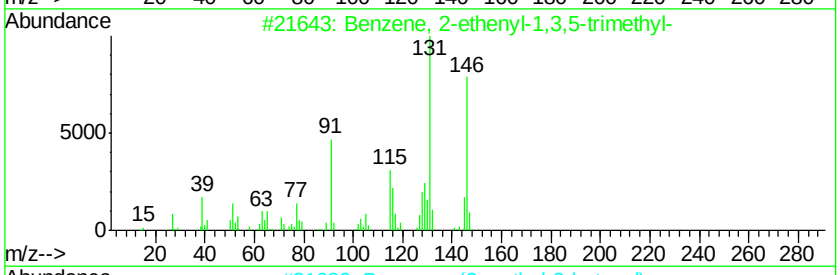
****

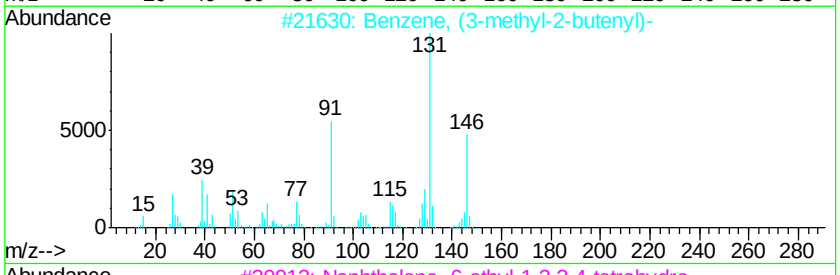
Peak Number 45 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 8

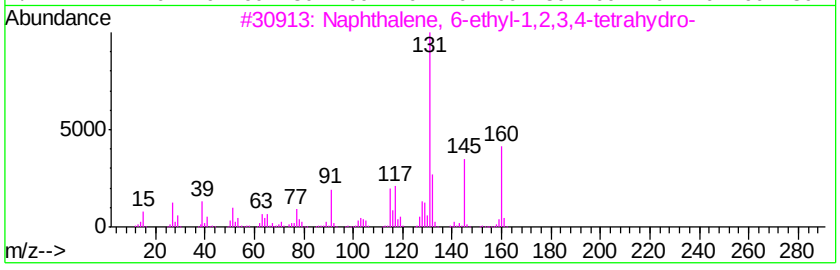
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	8.90 ug/L	85257	1,4-Dichlorobenzene-d4	13.56

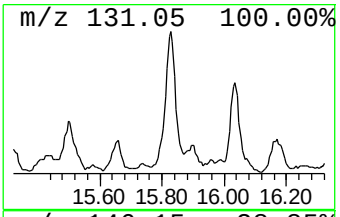
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	52
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	50
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49
5	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	47

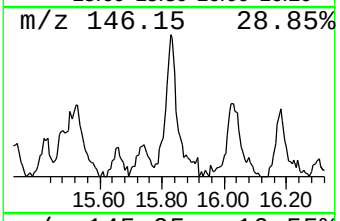


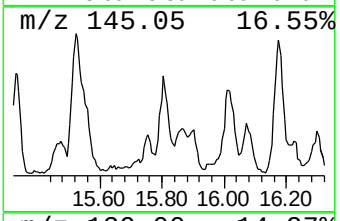


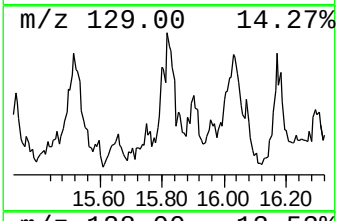


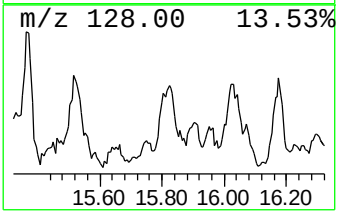












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

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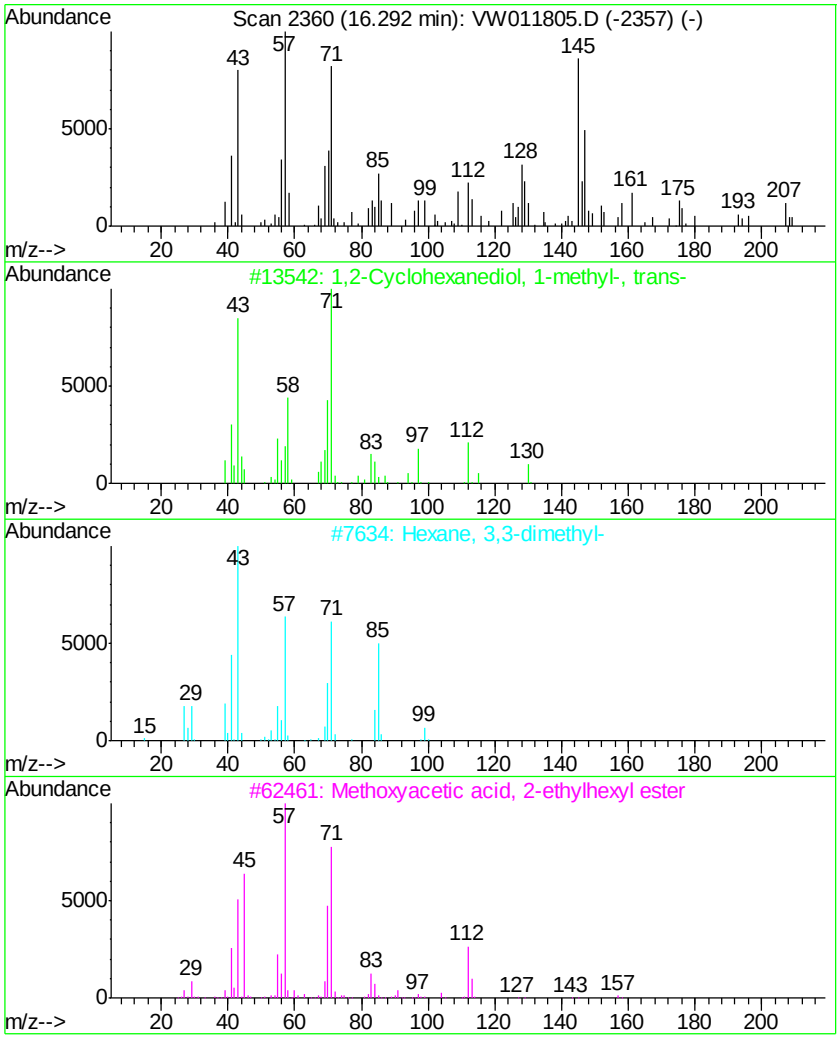
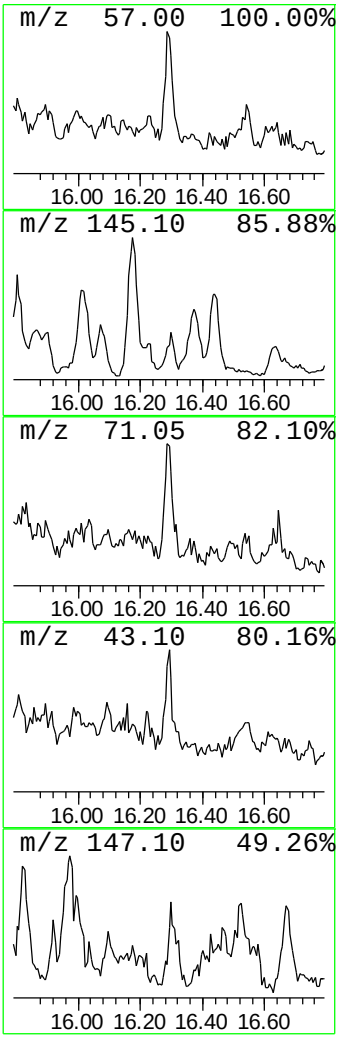
Peak Number 47 unknown-09 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	3.09 ug/L	29607	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanediol, 1-methyl-, ...	130	C7H14O2	019534-08-8	38
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	30
3	Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	27
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	27
5	Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

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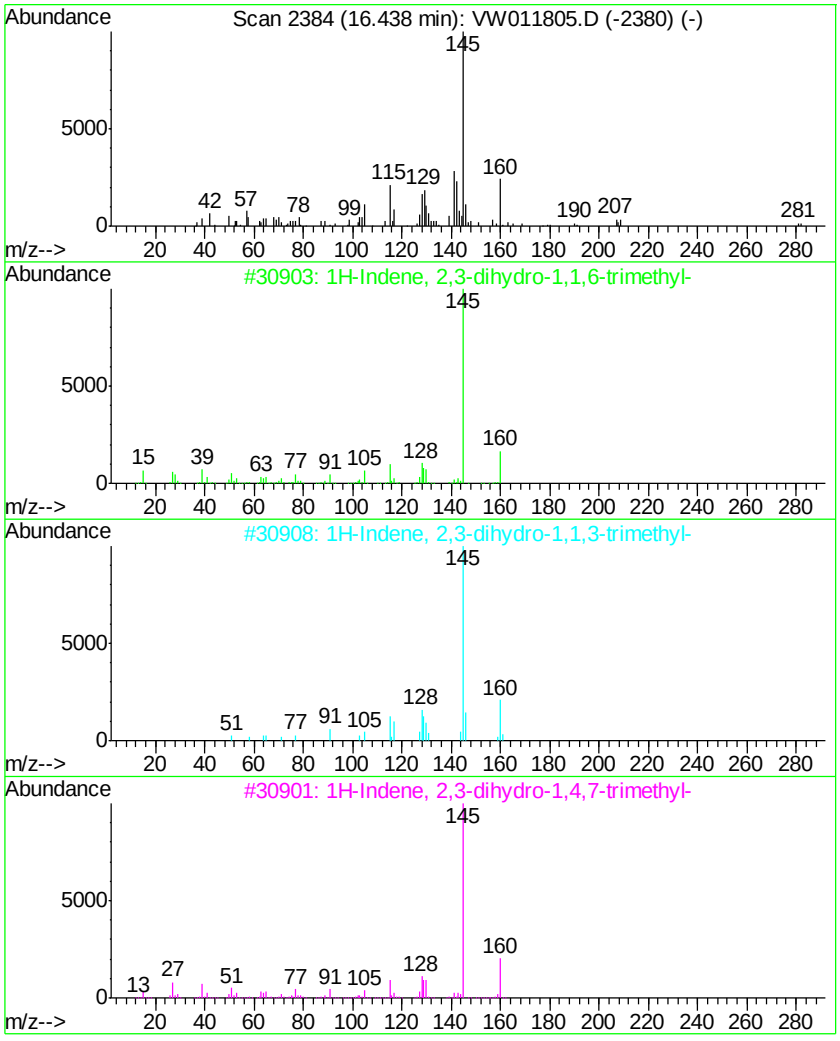
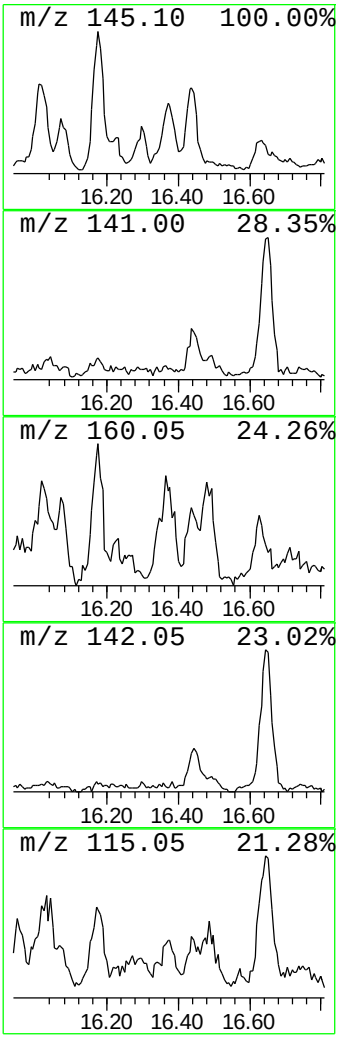
Peak Number 48 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.35 ug/L	22550	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	76
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	76
3	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	76
4	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	76
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
Sample : K4215-09
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.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
2-Butenal, (E)-	1.96	8.5	ug/L	172213	1	8.84	504837	25.0
(DEL) Alkane: Str...	2.17	1.7	ug/L	34491	1	8.84	504837	25.0
unknown-01	2.50	1.4	ug/L	27717	1	8.84	504837	25.0
(DEL) Alkane: Str...	3.03	2.0	ug/L	41294	1	8.84	504837	25.0
(DEL) Alkane: Str...	3.40	1.8	ug/L	37189	1	8.84	504837	25.0
(DEL) Alkane: Str...	5.44	1.9	ug/L	37757	1	8.84	504837	25.0
Propanal, 2-methyl-	5.78	1.5	ug/L	30903	1	8.84	504837	25.0
(DEL) Alkane: Str...	5.95	1.4	ug/L	27386	1	8.84	504837	25.0
Butanal	6.90	1.4	ug/L	28691	1	8.84	504837	25.0
(DEL) Alkane: Str...	8.04	1.7	ug/L	33941	1	8.84	504837	25.0
unknown-02	11.07	3.8	ug/L	63512	2	11.63	420334	25.0
Cyclooctene, 3-me...	12.34	3.3	ug/L	55757	2	11.63	420334	25.0
(DEL) Alkane: Cyc...	12.78	4.2	ug/L	40171	3	13.56	239394	25.0
unknown-03	12.87	3.5	ug/L	33246	3	13.56	239394	25.0
(DEL) Alkane: Cyc...	13.08	1.3	ug/L	12671	3	13.56	239394	25.0
(DEL) Alkane: Str...	13.16	3.7	ug/L	35837	3	13.56	239394	25.0
Benzene, 1-ethyl-...	13.26	2.3	ug/L	22333	3	13.56	239394	25.0
(DEL) Alkane: Str...	13.29	1.6	ug/L	15423	3	13.56	239394	25.0
unknown-04	13.38	2.0	ug/L	19460	3	13.56	239394	25.0
unknown-05	13.44	3.0	ug/L	29188	3	13.56	239394	25.0
o-Cymene	13.49	5.3	ug/L	50563	3	13.56	239394	25.0
Benzene, 1-ethyl-...	14.01	2.4	ug/L	22508	3	13.56	239394	25.0
Benzene, 1,3-diet...	14.20	5.7	ug/L	54740	3	13.56	239394	25.0
Adamantane	14.26	4.9	ug/L	46922	3	13.56	239394	25.0
1H-Indene, 2,3-di...	14.34	7.4	ug/L	70724	3	13.56	239394	25.0
Naphthalene, deca...	14.38	8.9	ug/L	85018	3	13.56	239394	25.0
Benzene, 1,2,3,4-...	14.42	5.2	ug/L	49749	3	13.56	239394	25.0
Benzene, 1-methyl...	14.46	6.6	ug/L	63079	3	13.56	239394	25.0
Benzene, (1,2-dim...	14.70	3.3	ug/L	31408	3	13.56	239394	25.0
unknown-07	14.74	5.2	ug/L	50084	3	13.56	239394	25.0
(DEL) Alkane: Str...	14.85	9.4	ug/L	90184	3	13.56	239394	25.0
p-Cymen-7-ol	15.01	5.5	ug/L	52769	3	13.56	239394	25.0
Benzene, 1,3-dime...	15.07	20.8	ug/L	199225	3	13.56	239394	25.0
Naphthalene, 1,2,...	15.18	32.1	ug/L	307211	3	13.56	239394	25.0
1H-Indene, 2,3-di...	15.27	8.5	ug/L	81208	3	13.56	239394	25.0
Benzene, 4-(2-but...	15.33	7.0	ug/L	66526	3	13.56	239394	25.0
unknown-08	15.41	3.1	ug/L	29716	3	13.56	239394	25.0
Benzene, 1,3,5-tr...	15.68	8.2	ug/L	78488	3	13.56	239394	25.0
Benzene, 2-etheny...	15.82	8.9	ug/L	85257	3	13.56	239394	25.0
unknown-09	16.29	3.1	ug/L	29607	3	13.56	239394	25.0
1H-Indene, 2,3-di...	16.44	2.4	ug/L	22550	3	13.56	239394	25.0