LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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	5	10	20	rVB4	19930	48790	5.28%	0.653%
2	2.172	36	44	48	rBV2	6187	13489	1.46%	0.180%
3	2.349	64	73	83	rBV	62749	117343	12.70%	1.570%
4	2.495	93	97	105	rVB2	5273	9275	1.00%	0.124%
5	2.574	107	110	111	rBV2	1462	1802	0.19%	0.024%
6	2.885	154	161	176	rBV	44157	110746	11.98%	1.481%
7	3.391	236	244	250	rBV5	2086	5907	0.64%	0.079%
8	3.586	269	276	282	rVB8	1712	4218	0.46%	0.056%
9	3.855	312	320	328	rBV5	2287	7534	0.82%	0.101%
10	4.019	335	347	359	rBV	85051	266202	28.80%	3.561%
11	4.123	359	364	377	rVB	7148	23852	2.58%	0.319%
12	4.379	400	406	419	rVB2	4653	13534	1.46%	0.181%
13	4.915	482	494	503	rBV2	9865	35496	3.84%	0.475%
14	5.787	626	637	638	rBV4	2502	5584	0.60%	0.075%
15	5.940	652	662	672	rVB3	6619	19355	2.09%	0.259%
16	6.909	816	821	827	rVB6	1312	3045	0.33%	0.041%
17	7.080	841	849	854	rBV	31700	85401	9.24%	1.142%
18	7.647	932	942	955	rBV	159450	404018	43.71%	5.405%
19	8.037	998	1006	1013	rVB6	1769	4746	0.51%	0.063%
20	8.153	1021	1025	1029	rVB5	883	1559	0.17%	0.021%
21	8.275	1032	1045	1060	rBV2	302719	924323	100.00%	12.365%
22	8.561	1089	1092	1095	rVV4	1749	3153	0.34%	0.042%
23	8.586	1095	1096	1101	rVV4	1890	1734	0.19%	0.023%
24	8.695	1108	1114	1118	rBV5	1567	2628	0.28%	0.035%
25	8.842	1127	1138	1148	rBV	283589	564269	61.05%	7.548%
26	9.073	1173	1176	1184	rVB7	2619	4730	0.51%	0.063%
27	9.274	1199	1209	1218	rBV	237059	480268	51.96%	6.425%
28	9.415	1225	1232	1237	rVB7	1771	4728	0.51%	0.063%
29	9.750	1283	1287	1293	rVB7	2250	3858	0.42%	0.052%
30	9.945	1315	1319	1324	rVB5	1274	1808	0.20%	0.024%
31	10.037	1326	1334	1344	rBV	93067	171570	18.56%	2.295%
32	10.122	1346	1348	1354	rVB5	1300	2098	0.23%	0.028%
33	10.323	1373	1381	1390	rBV	330331	582484	63.02%	7.792%
34	10.390	1390	1392	1397	rVB4	2890	3849	0.42%	0.051%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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	10.506	1405	1411	1416	rVB4	2355	5012	0.54%	0.067%
36	10.579	1416	1423	1432	rBV	54511	97154	10.51%	1.300%
37	10.664	1433	1437	1439	rVV5	2008	2411	0.26%	0.032%
38	10.707	1439	1444	1450	rVB	12876	21233	2.30%	0.284%
39	10.847	1465	1467	1472	rVB6	1176	1825	0.20%	0.024%
40	10.927	1472	1480	1489	rBV	106414	192774	20.86%	2.579%
41	11.067	1497	1503	1511	rVV2	30543	54585	5.91%	0.730%
42	11.225	1525	1529	1534	rVV2	5743	9976	1.08%	0.133%
43	11.280	1536	1538	1541	rVV3	1844	2187	0.24%	0.029%
44	11.439	1558	1564	1570	rBV9	4362	9915	1.07%	0.133%
45	11.634	1589	1596	1607	rVB	306306	535617	57.95%	7.165%
46	11.719	1607	1610	1615	rBV7	2087	3937	0.43%	0.053%
47	11.835	1622	1629	1633	rBV7	4427	11154	1.21%	0.149%
48	11.969	1649	1651	1655	rVB5	1949	1996	0.22%	0.027%
49	12.140	1674	1679	1689	rVV9	7555	20886	2.26%	0.279%
50	12.304	1702	1706	1708	rBV5	2602	3883	0.42%	0.052%
51	12.341	1708	1712	1720	rVB6	12321	27446	2.97%	0.367%
52	12.469	1728	1733	1740	rVB8	4628	9452	1.02%	0.126%
53	12.609	1751	1756	1761	rVV	18154	29834	3.23%	0.399%
54	12.652	1761	1763	1764	rVV2	1819	1600	0.17%	0.021%
55	12.695	1764	1770	1778	rVV	152665	258872	28.01%	3.463%
56	12.780	1780	1784	1790	rVB4	13916	24318	2.63%	0.325%
57	12.859	1792	1797	1802	rBV9	4786	10399	1.13%	0.139%
58	12.932	1804	1809	1817	rVB7	12839	29940	3.24%	0.401%
59	13.030	1823	1825	1827	rBV3	2983	2727	0.30%	0.036%
60	13.079	1830	1833	1837	rVB6	3076	3997	0.43%	0.053%
61	13.121	1838	1840	1844	rVB5	4227	4076	0.44%	0.055%
62	13.170	1844	1848	1849	rBV4	6429	8684	0.94%	0.116%
63	13.255	1858	1862	1864	rBV5	5962	8907	0.96%	0.119%
64	13.298	1866	1869	1877	rVV9	6597	17811	1.93%	0.238%
65	13.383	1879	1883	1888	rVV5	5748	13064	1.41%	0.175%
66	13.560	1906	1912	1919	rVB	210772	339443	36.72%	4.541%
67	13.633	1920	1924	1928	rBV7	3643	6872	0.74%	0.092%
68	13.700	1930	1935	1939	rVB6	4948	8846	0.96%	0.118%
69	13.853	1953	1960	1972	rBV	210442	406738	44.00%	5.441%
70	13.944	1973	1975	1980	rVV3	6622	12930	1.40%	0.173%
71	14.011	1983	1986	1991	rVV6	9899	17004	1.84%	0.227%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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	14.072	1991	1996	2007	rVB2	20364	56583	6.12%	0.757%
73	14.206	2012	2018	2023	rVB5	10125	21219	2.30%	0.284%
74	14.267	2024	2028	2034	rBV9	8098	19248	2.08%	0.257%
75	14.322	2034	2037	2043	rVV6	10942	21751	2.35%	0.291%
76	14.383	2043	2047	2050	rVV6	24096	38186	4.13%	0.511%
77	14.420	2050	2053	2058	rVB2	23000	33017	3.57%	0.442%
78	14.505	2063	2067	2069	rBV3	10545	17324	1.87%	0.232%
79	14.548	2069	2074	2081	rVB6	26388	58582	6.34%	0.784%
80	14.737	2095	2105	2110	rBV3	25447	58349	6.31%	0.781%
81	14.810	2110	2117	2122	rBV4	30975	75218	8.14%	1.006%
82	14.865	2122	2126	2130	rVB6	8558	17106	1.85%	0.229%
83	15.005	2142	2149	2153	rBV6	20904	50234	5.43%	0.672%
84	15.072	2154	2160	2164	rBV3	47660	93175	10.08%	1.246%
85	15.182	2172	2178	2183	rVB3	64588	137469	14.87%	1.839%
86	15.267	2187	2192	2198	rVB3	17406	37812	4.09%	0.506%
87	15.334	2198	2203	2210	rVB5	18040	39436	4.27%	0.528%
88	15.438	2212	2220	2224	rBV9	22136	66863	7.23%	0.894%
89	15.523	2228	2234	2242	rVB5	30478	77270	8.36%	1.034%
90	15.657	2249	2256	2262	rBV7	13809	43766	4.73%	0.585%
91	15.749	2267	2271	2272	rBV4	4831	7727	0.84%	0.103%
92	15.950	2301	2304	2309	rVB2	16337	26925	2.91%	0.360%
93	16.029	2309	2317	2322	rBV4	20674	54489	5.90%	0.729%
94	16.176	2333	2341	2347	rBV3	29236	74396	8.05%	0.995%
95	16.371	2368	2373	2379	rVV5	9106	19207	2.08%	0.257%
96	16.438	2380	2384	2388	rVV	10586	19368	2.10%	0.259%
97	16.487	2388	2392	2403	rVB5	19542	54184	5.86%	0.725%
98	16.572	2403	2406	2407	rBV3	2070	2345	0.25%	0.031%
99	16.645	2410	2418	2427	rVB6	34463	92091	9.96%	1.232%
100	16.749	2431	2435	2440	rBV4	5829	11324	1.23%	0.151%

Sum of corrected areas: 7475565

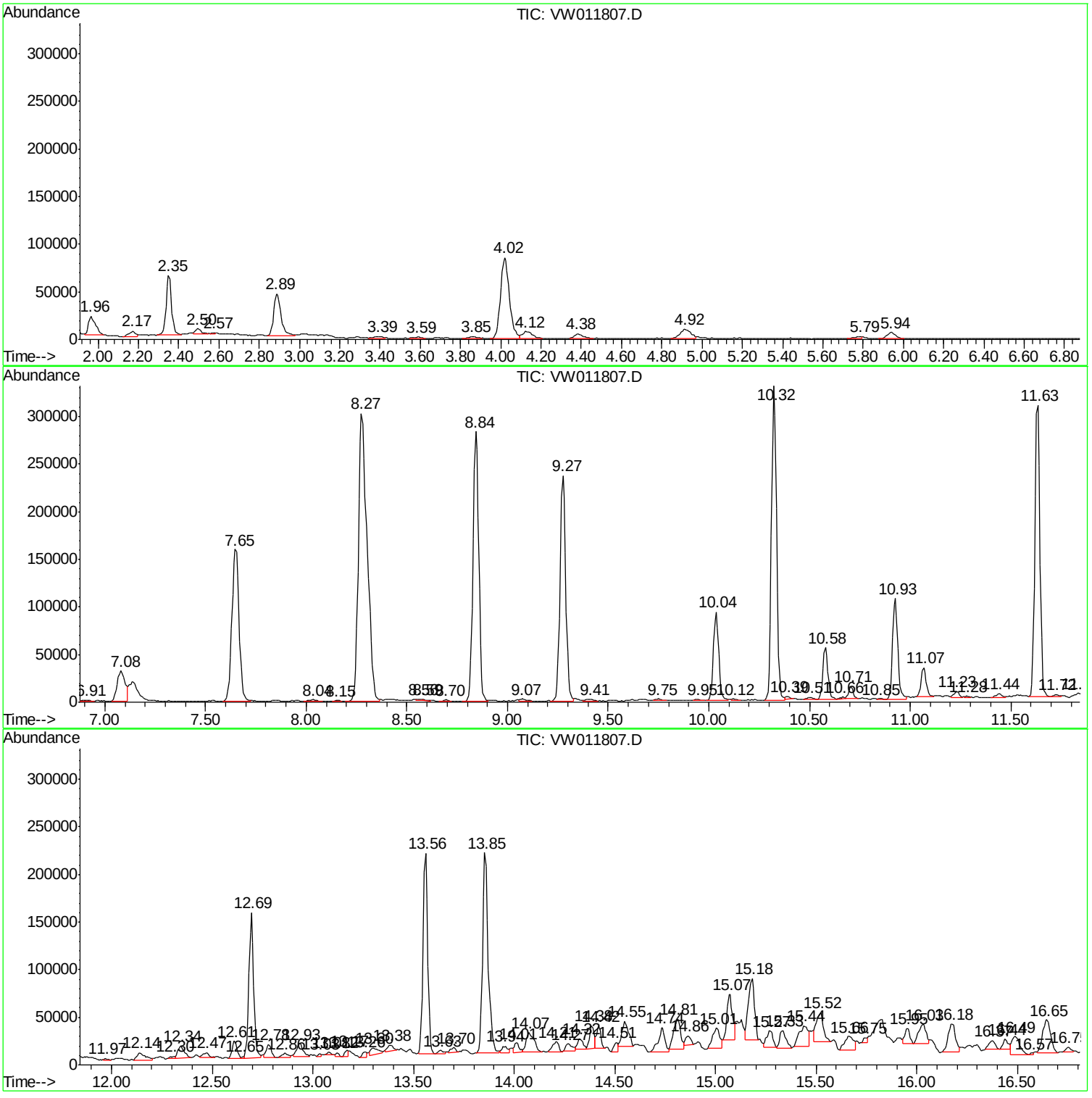
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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 : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

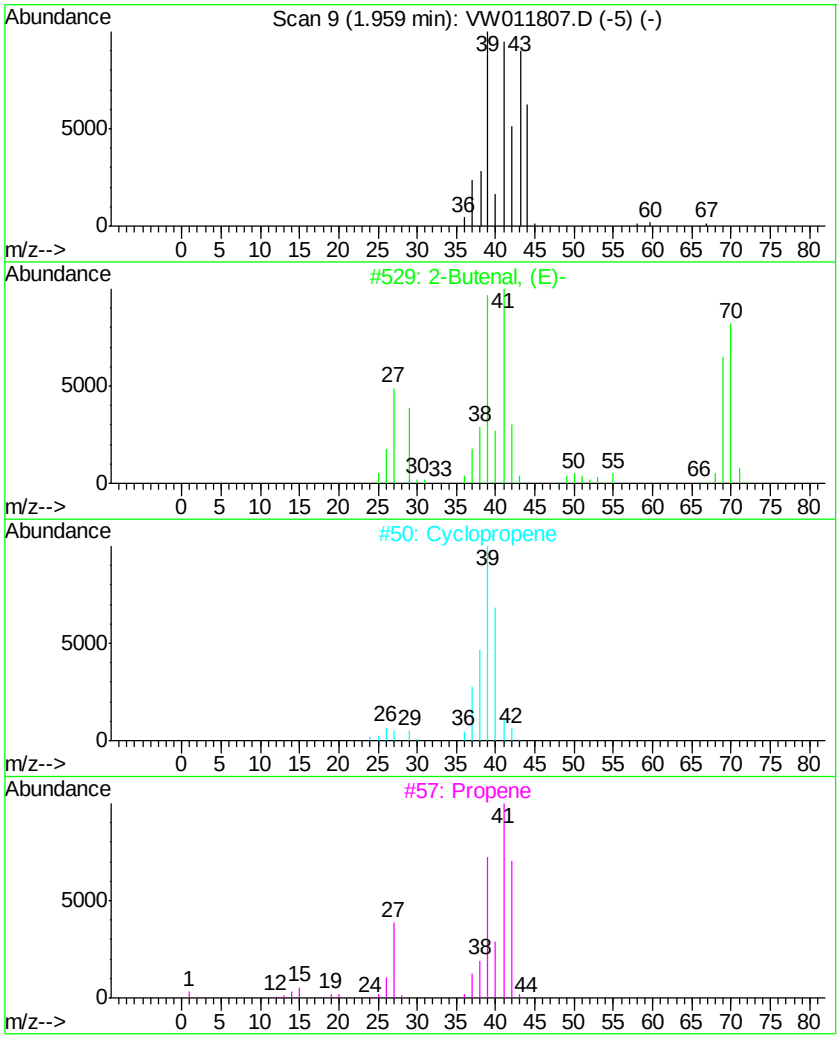
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

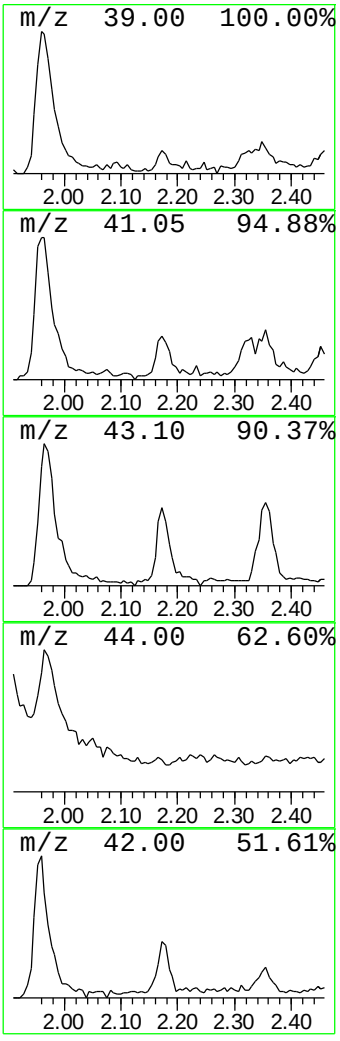
****

Peak Number 1 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	2.16 ug/L	48790	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, (E)-	70	C4H6O	000123-73-9	39
2	Cyclopropene	40	C3H4	002781-85-3	38
3	Propene	42	C3H6	000115-07-1	9
4	Propane	44	C3H8	000074-98-6	9
5	Propane	44	C3H8	000074-98-6	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

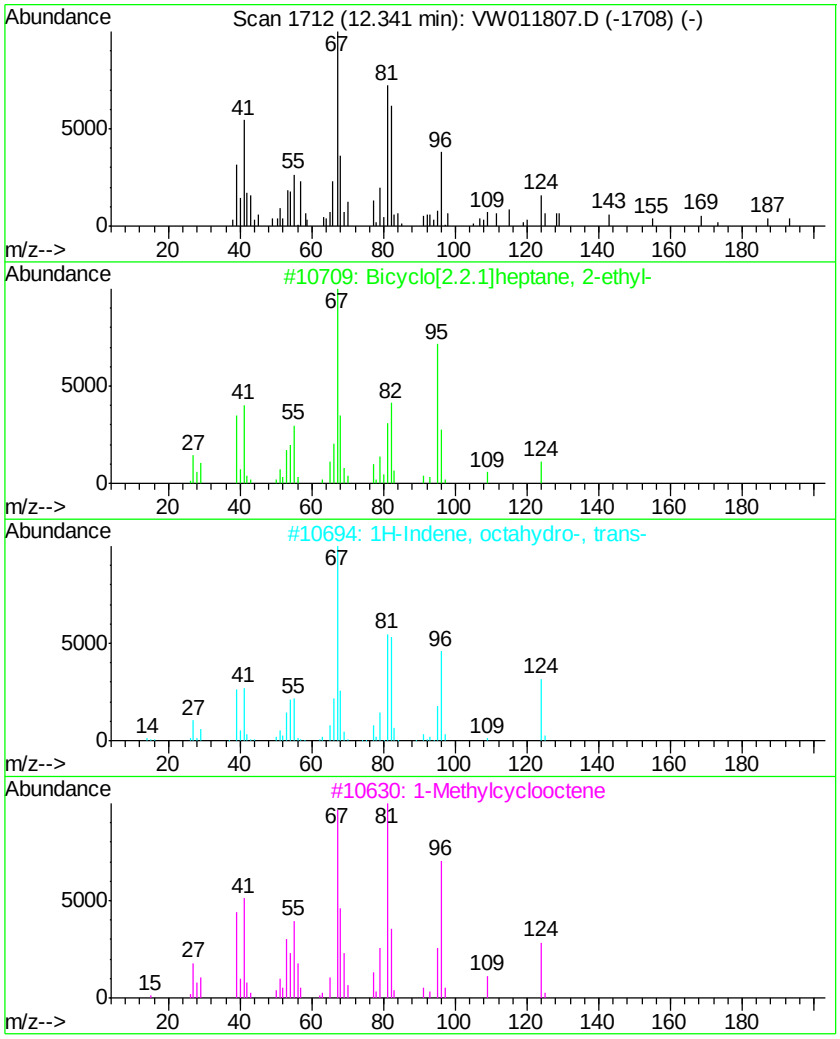
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

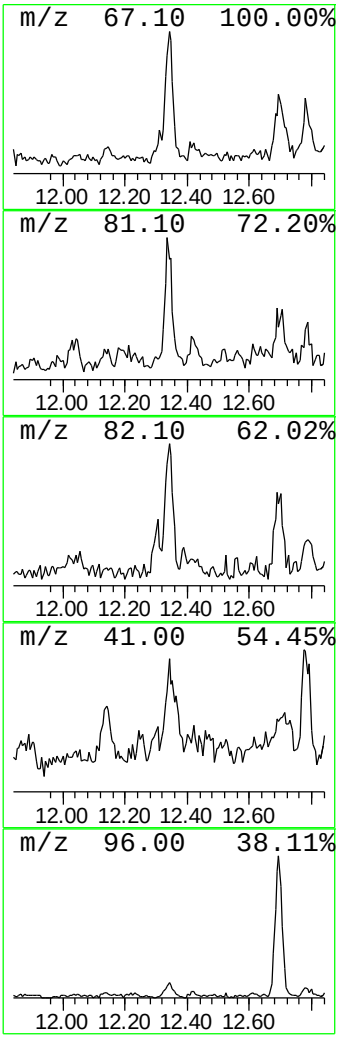
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bicyclo[2.2.1]heptane, 2-et... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	1.28 ug/L	27446	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	94
2	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	91
3	1-Methylcyclooctene	124	C9H16	000933-11-9	64
4	Pentalene, octahydro-	110	C8H14	000694-72-4	53
5	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

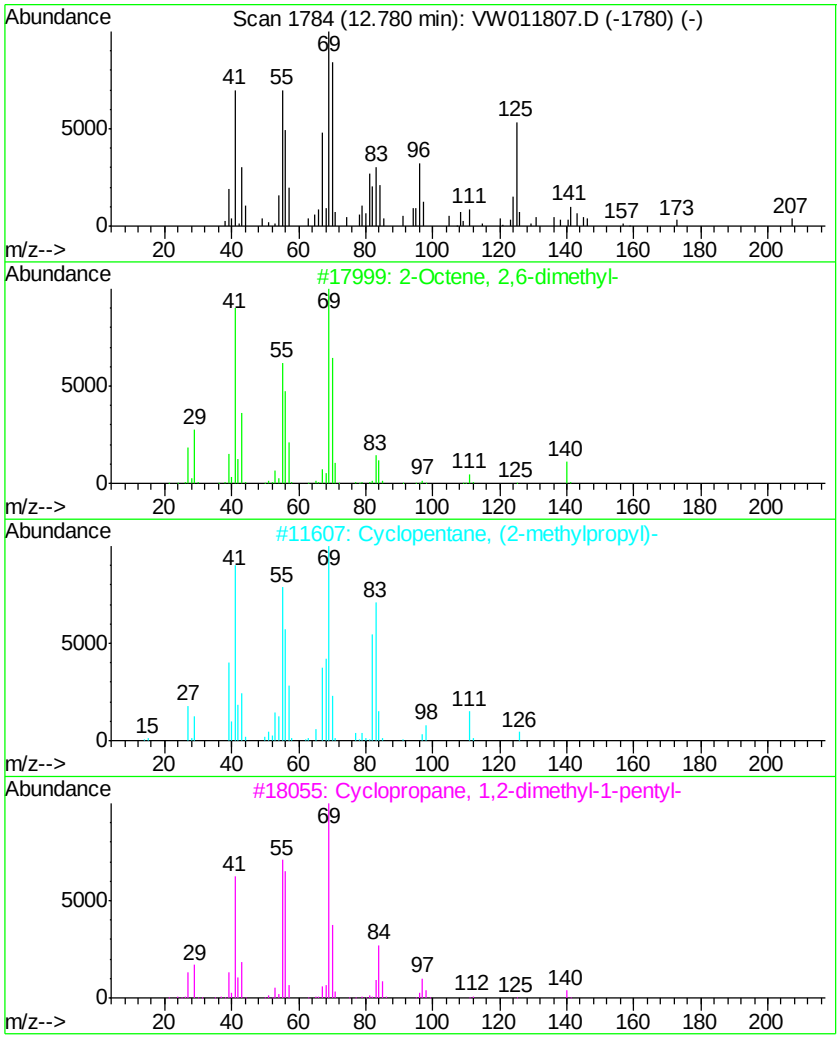
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

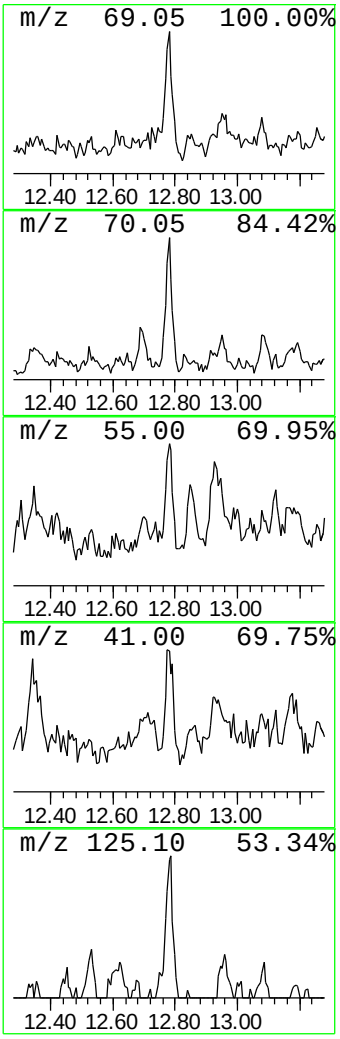
****

Peak Number 6 (DEL) Alkane: Cyclic12.78 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	1.79 ug/L	24318	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	47
2	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	43
3	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	43
4	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	27
5	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

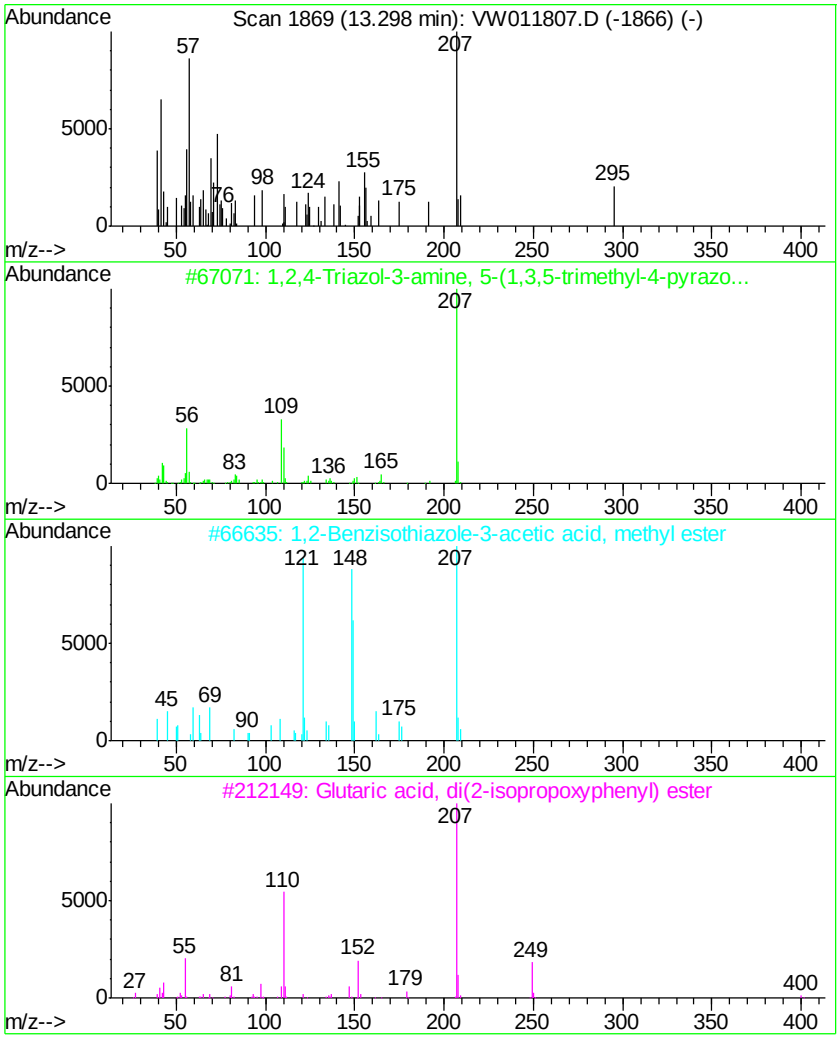
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

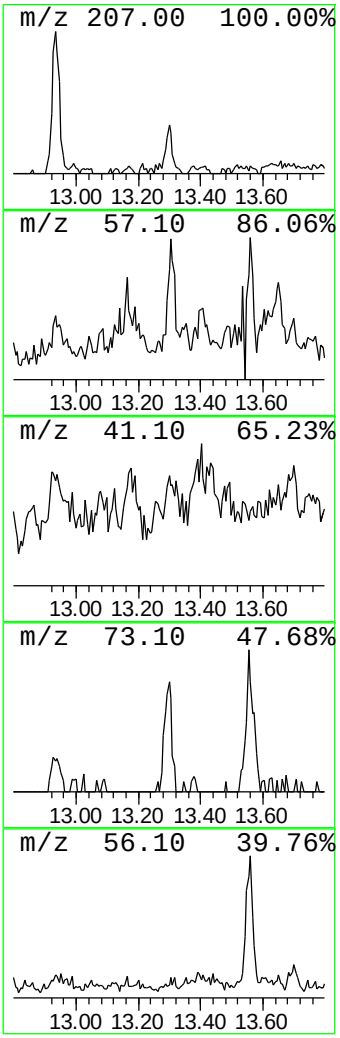
****

Peak Number 8 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	1.31 ug/L	17811	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Triazol-3-amine, 5-(1,3,5-...	207	C8H13N7	1000264-16-7	38
2	1,2-Benzisothiazole-3-acetic aci...	207	C10H9NO2S	029876-70-8	25
3	Glutaric acid, di(2-isopropoxyph...	400	C23H28O6	1000358-58-3	25
4	1,2,5-Oxadiazol-3-amine, 4-(4-me...	207	C9H9N3O3	1000351-72-7	22
5	1-(3,4-Methylenedioxyphenyl)-2-p...	207	C11H13NO3	1000121-45-7	22





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

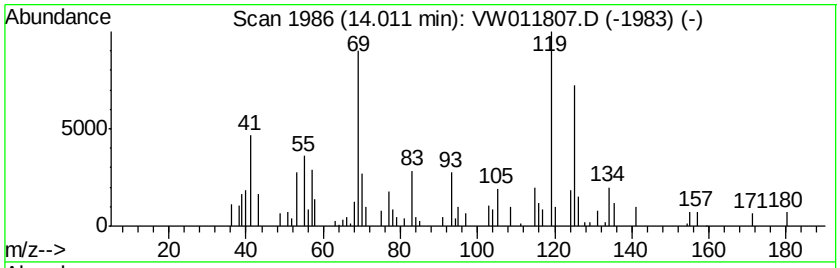
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

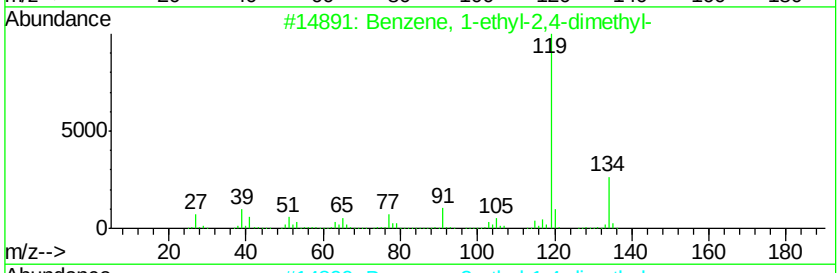
****

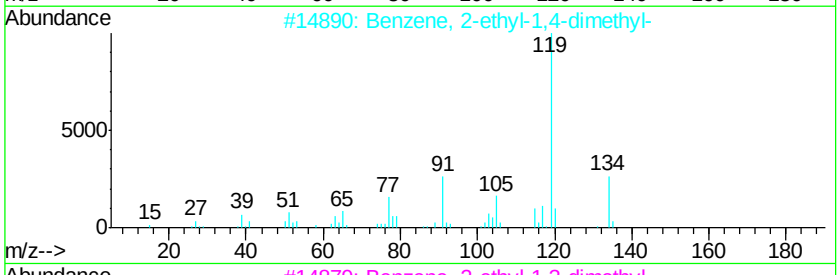
Peak Number 9 unknown-03 Concentration Rank 35

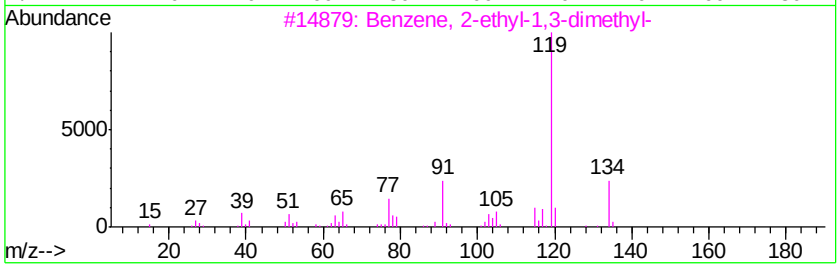
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	1.25 ug/L	17004	1,4-Dichlorobenzene-d4	13.56

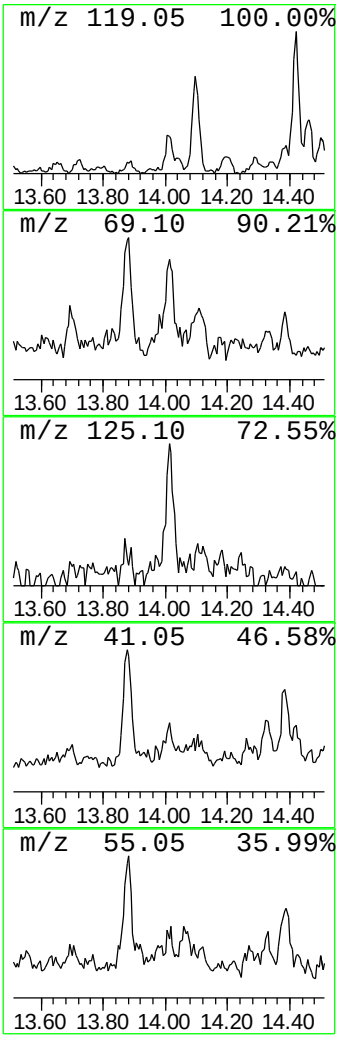
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	30
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	30
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	30
4	p-Cymene	134	C10H14	000099-87-6	30
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	27











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Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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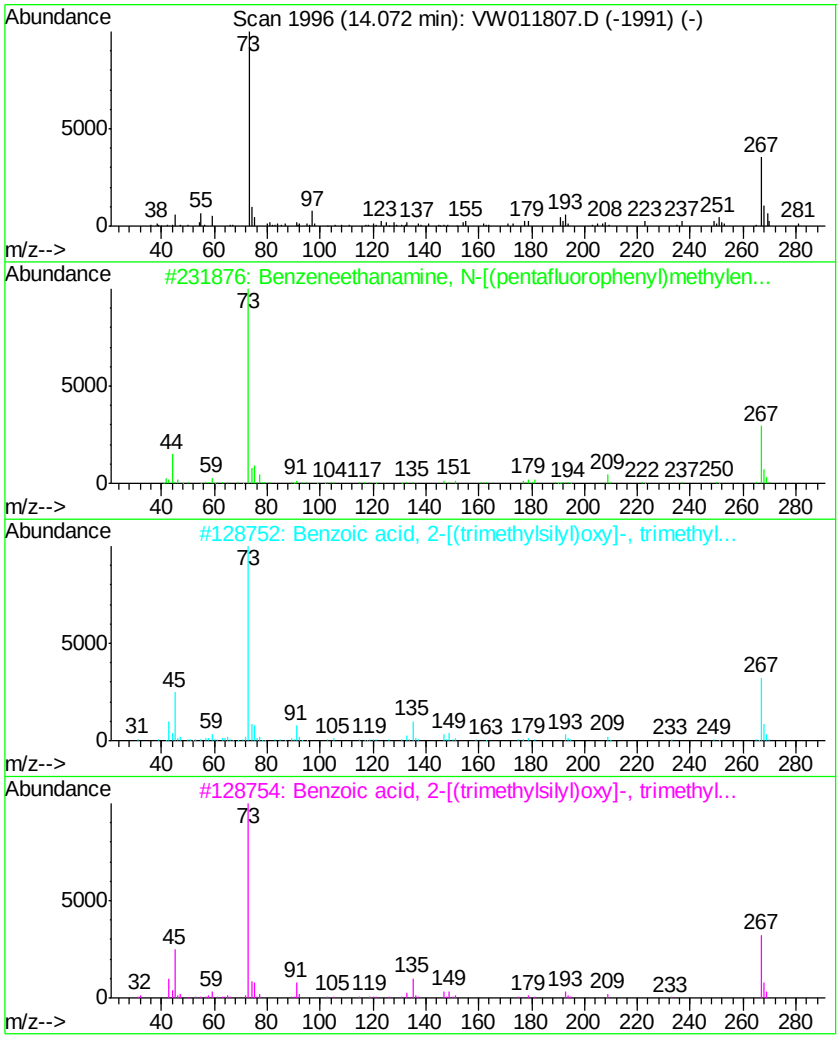
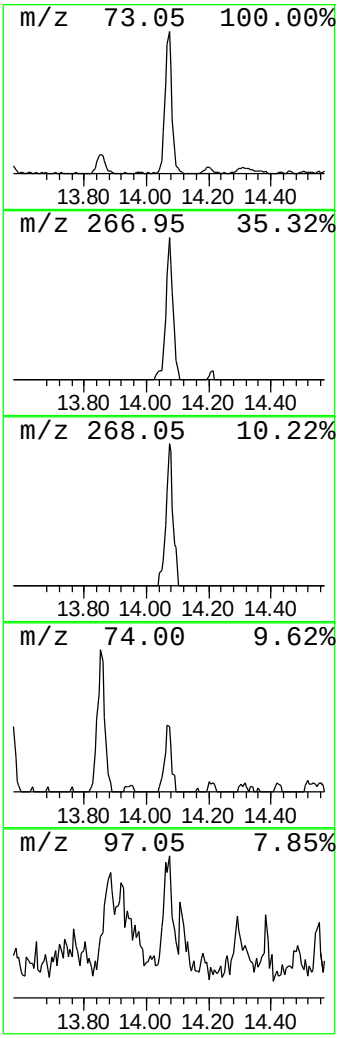
Peak Number 10 Benzeneethanamine, N-[(pent... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	4.17 ug/L	56583	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	64
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	59
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	45
4	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	38
5	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	36





Library Search Compound Report

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Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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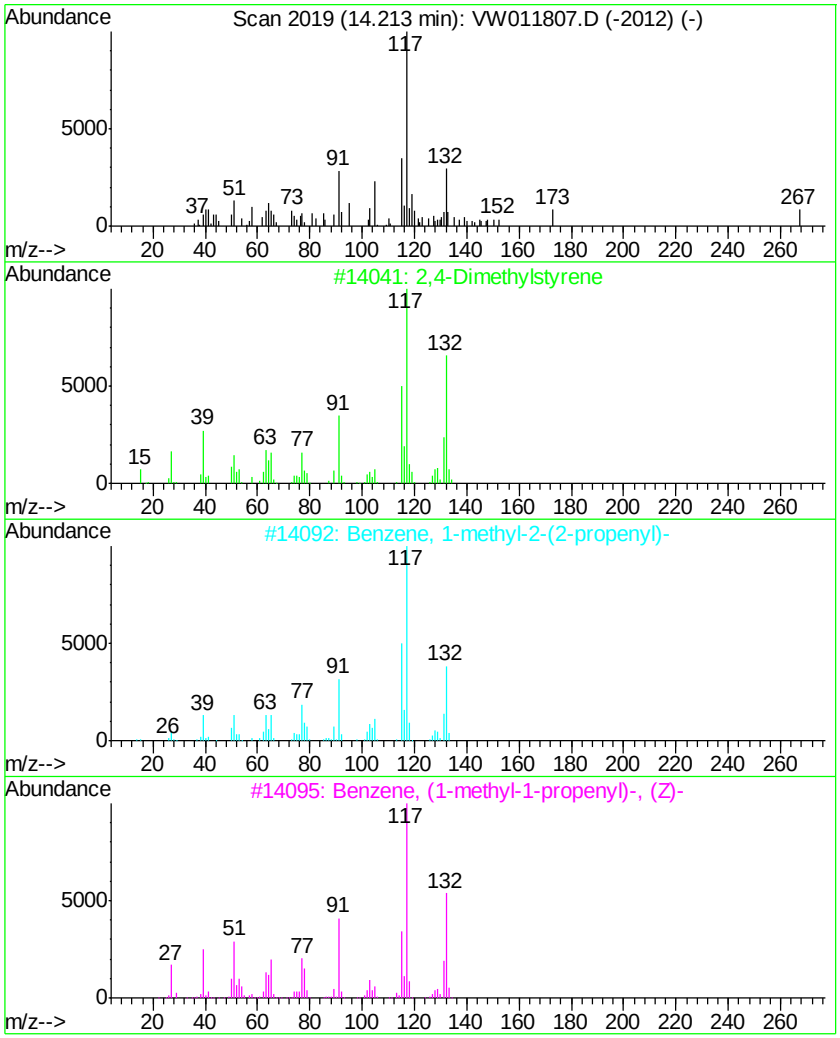
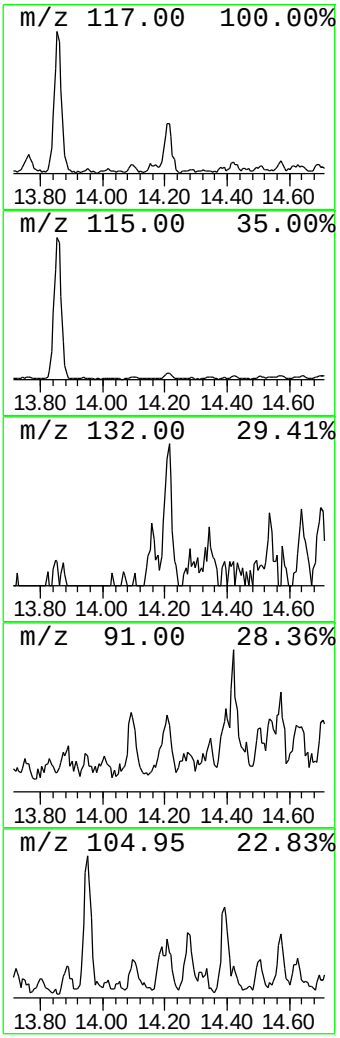
Peak Number 11 2,4-Dimethylstyrene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	1.56 ug/L	21219	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	70
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	62
3	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000767-99-7	58
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	58
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	58





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Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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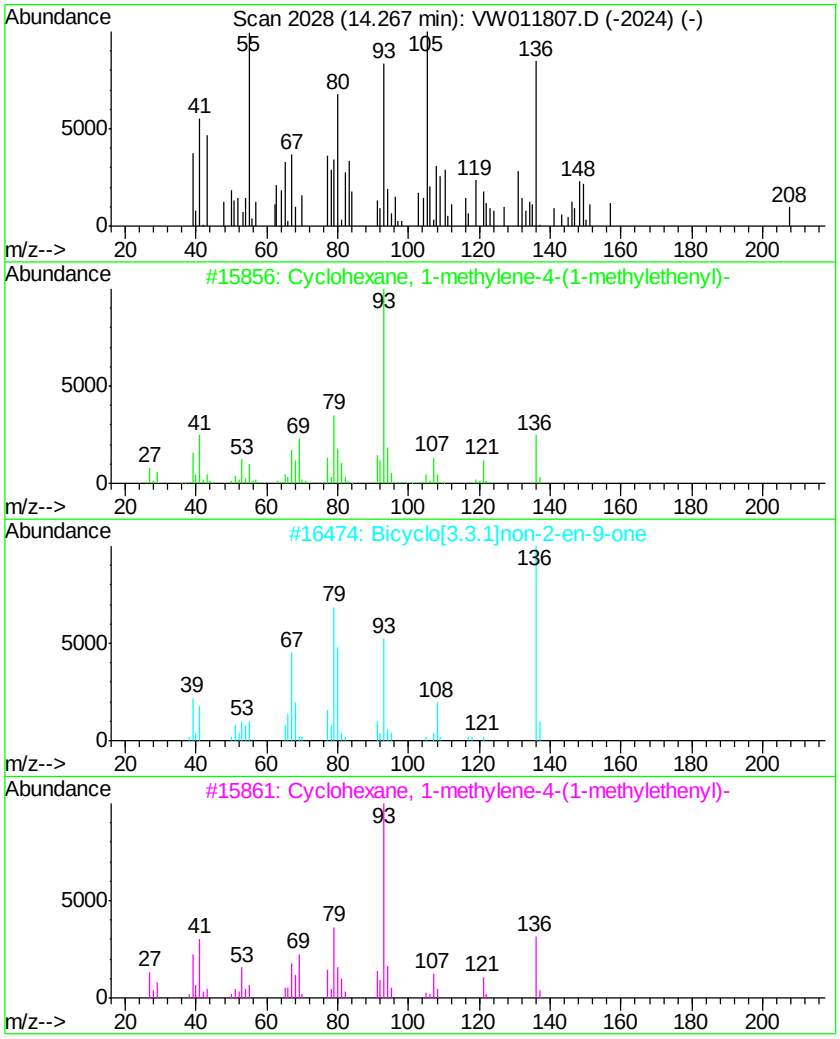
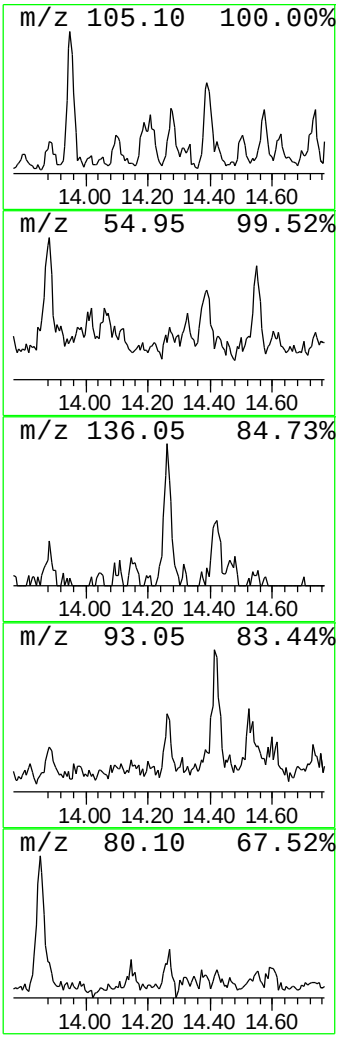
Peak Number 12 unknown-04 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	1.42 ug/L	19248	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	45
2	Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	43
3	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	32
4	1,3-Isobenzofurandione, 4,5,6,7-...	180	C10H12O3	054576-43-1	32
5	2H-Indene, 3,3a,4,5,6,7-hexahydro-	122	C9H14	016189-41-6	30





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Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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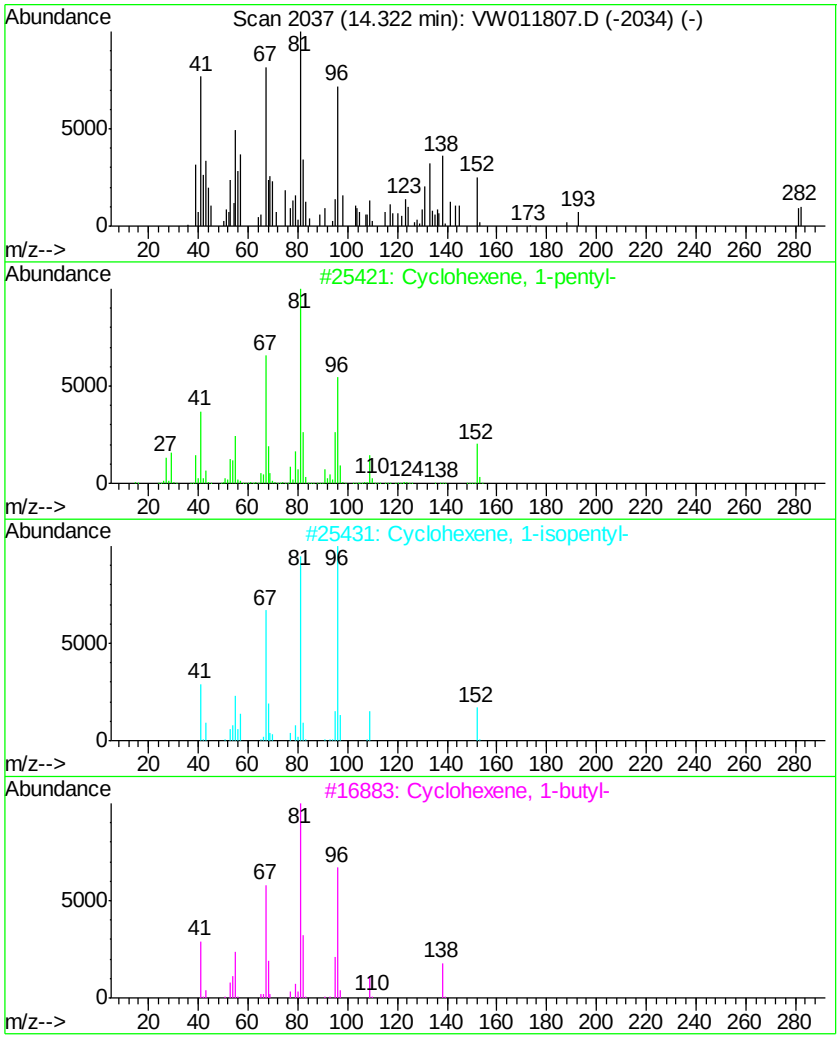
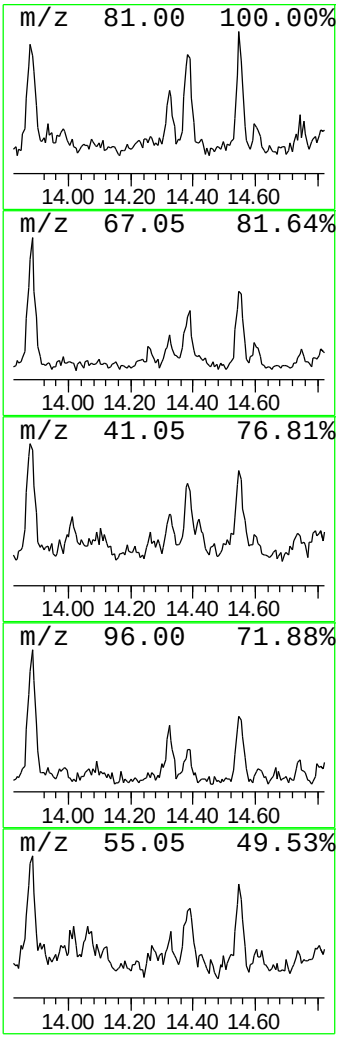
Peak Number 13 Cyclohexene, 1-pentyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	1.60 ug/L	21751	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	70
2	Cyclohexene, 1-isopentyl-	152	C11H20	003983-04-8	62
3	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	62
4	Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	50
5	Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	50





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Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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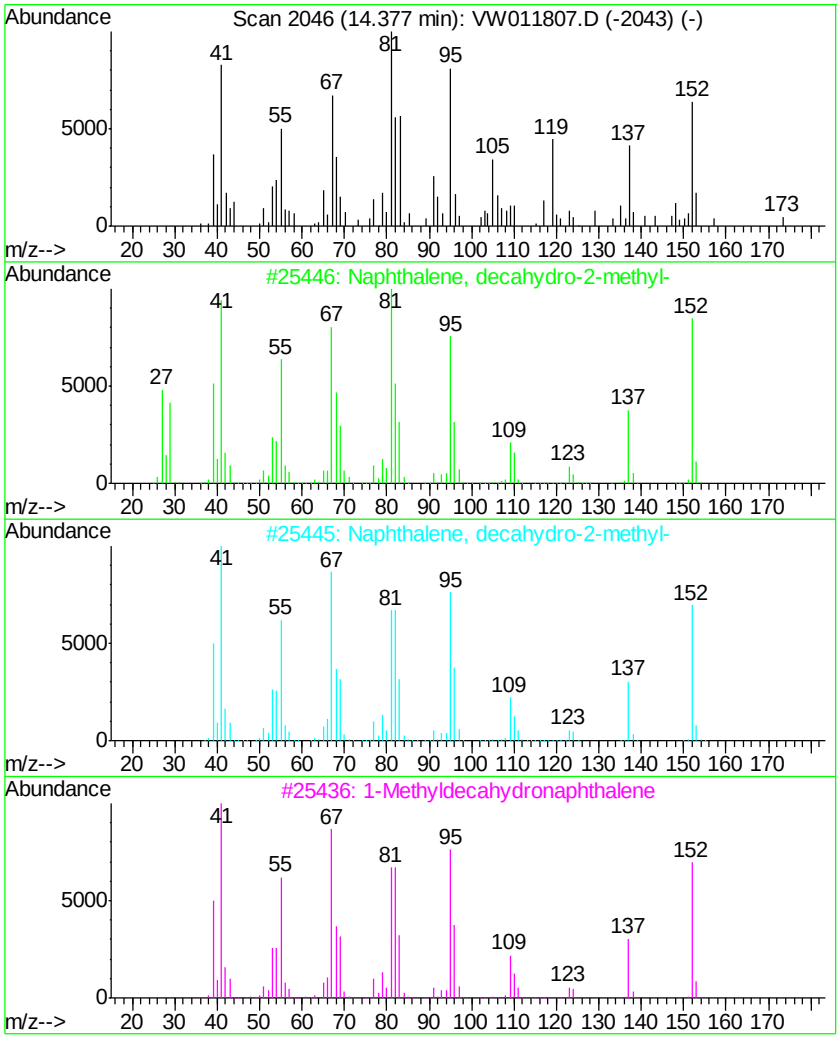
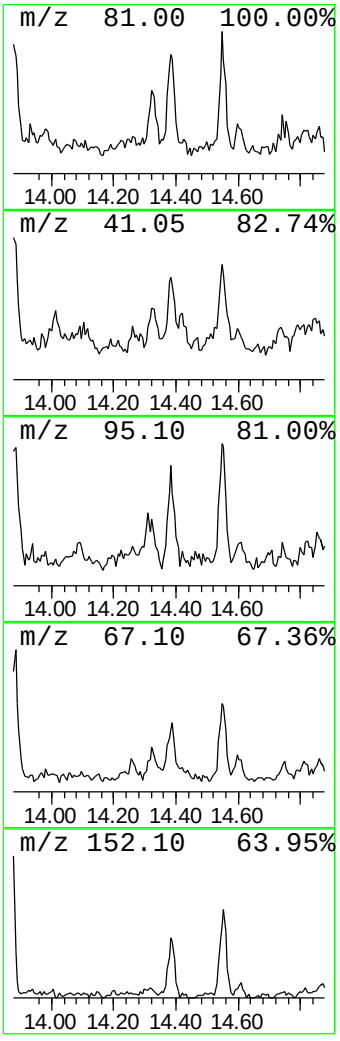
Peak Number 14 Naphthalene, decahydro-2-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	2.81 ug/L	38186	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	92
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	78
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	78
4	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
5	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	68





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Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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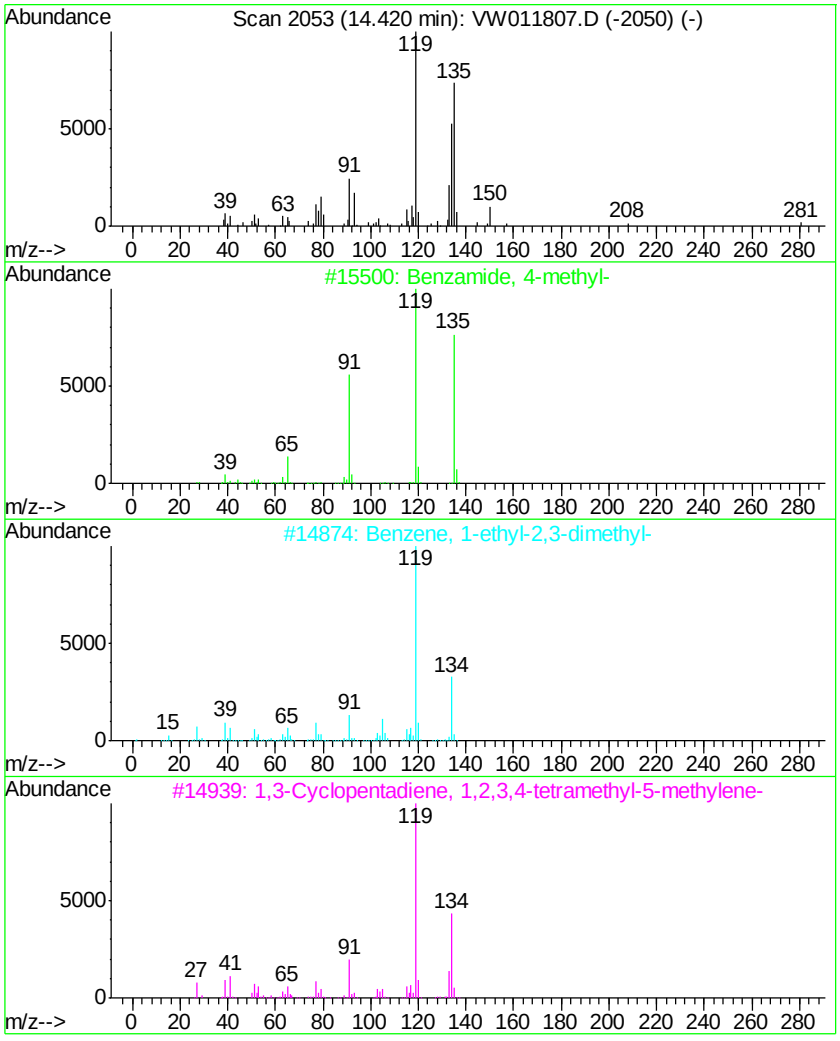
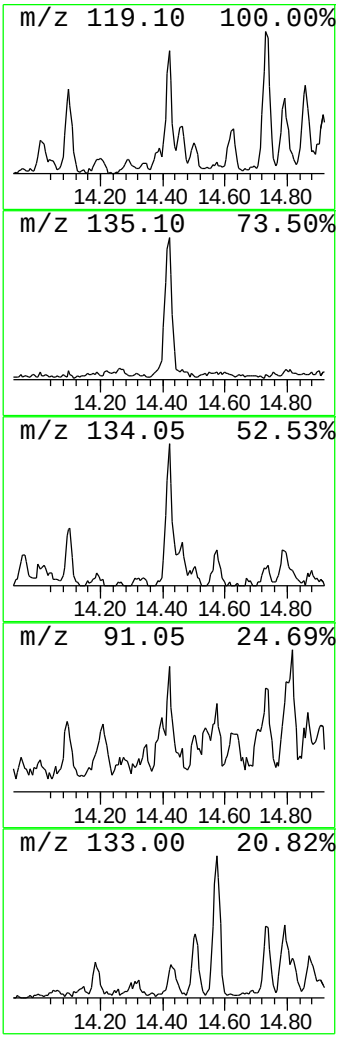
Peak Number 15 Benzamide, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.43 ug/L	33017	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	52
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	49
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	49
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	49
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	49





Library Search Compound Report

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Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

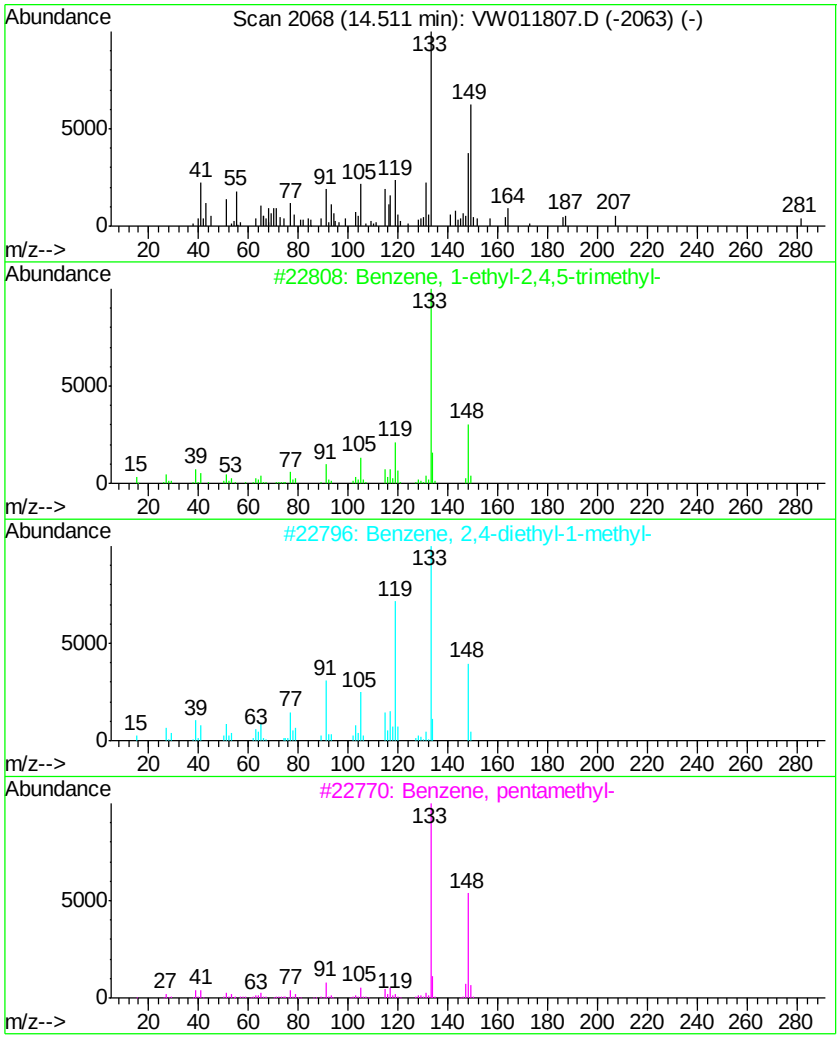
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

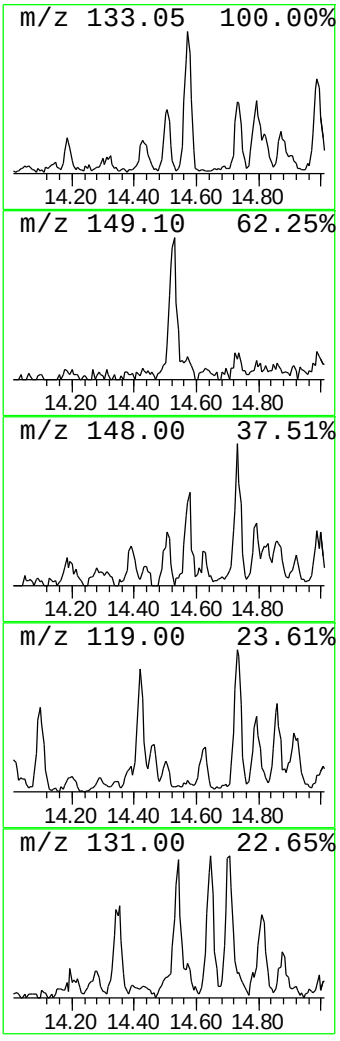
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	1.28 ug/L	17324	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	68
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	64
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	62
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53





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Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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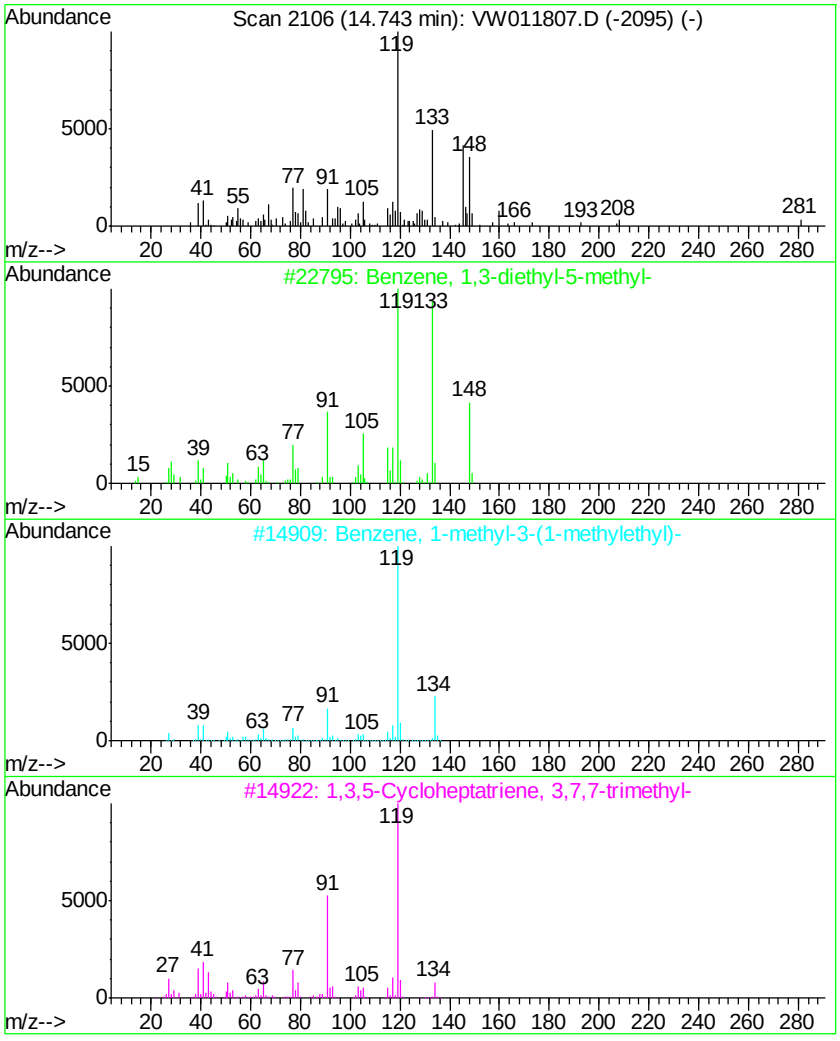
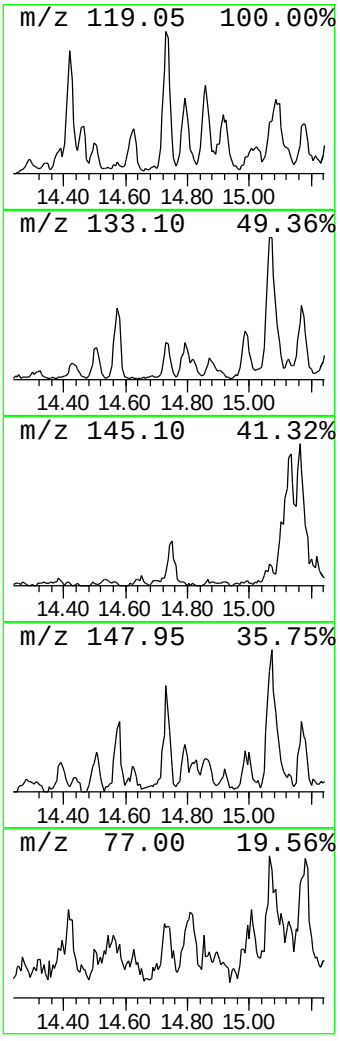
Peak Number 18 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	4.30 ug/L	58349	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	60
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	45
3	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	45
4	o-Cymene	134	C10H14	000527-84-4	45
5	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	43





Library Search Compound Report

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Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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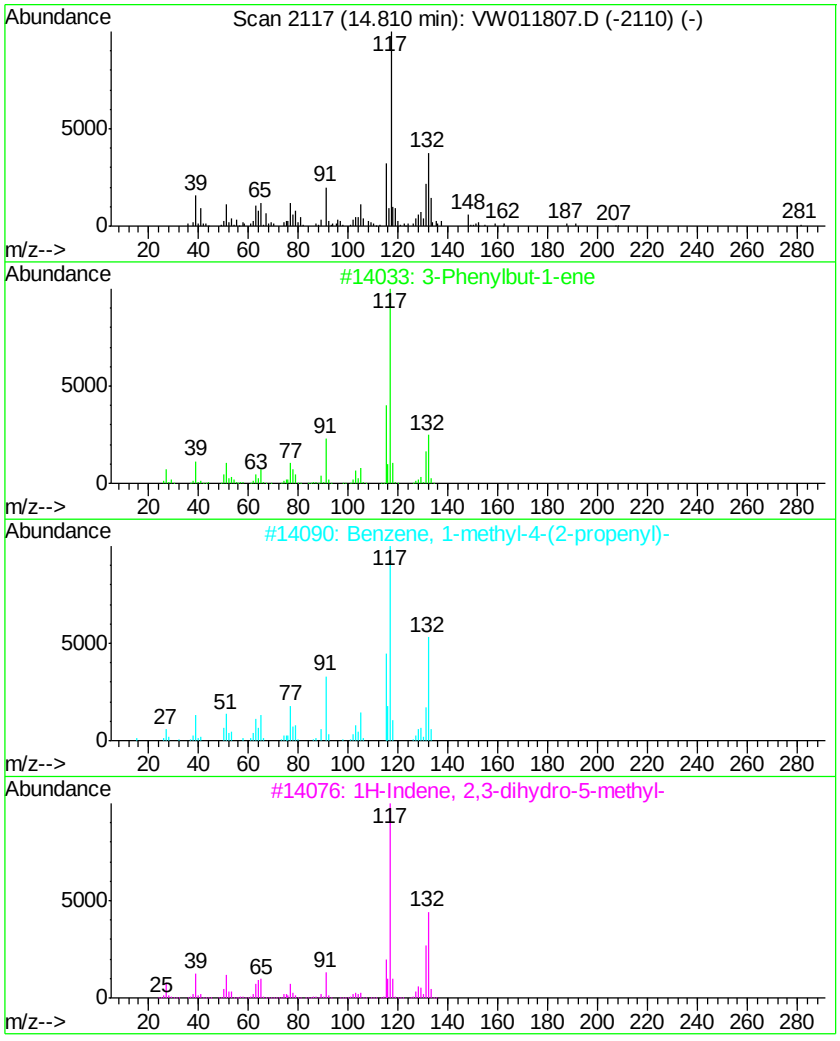
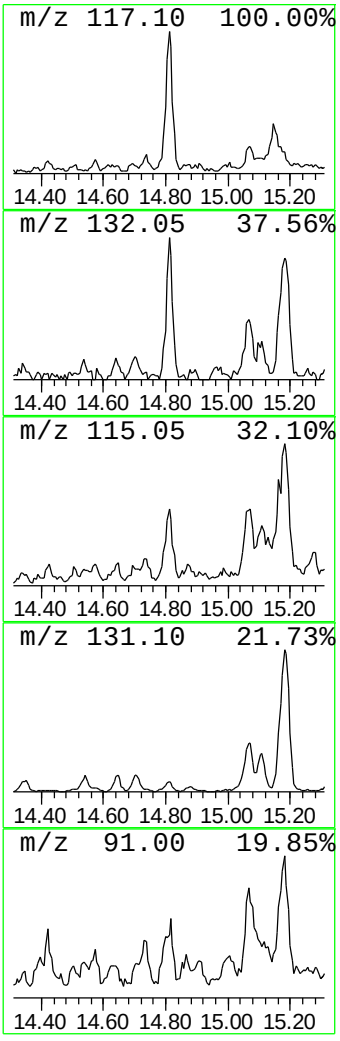
Peak Number 19 3-Phenylbut-1-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	5.54 ug/L	75218	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





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Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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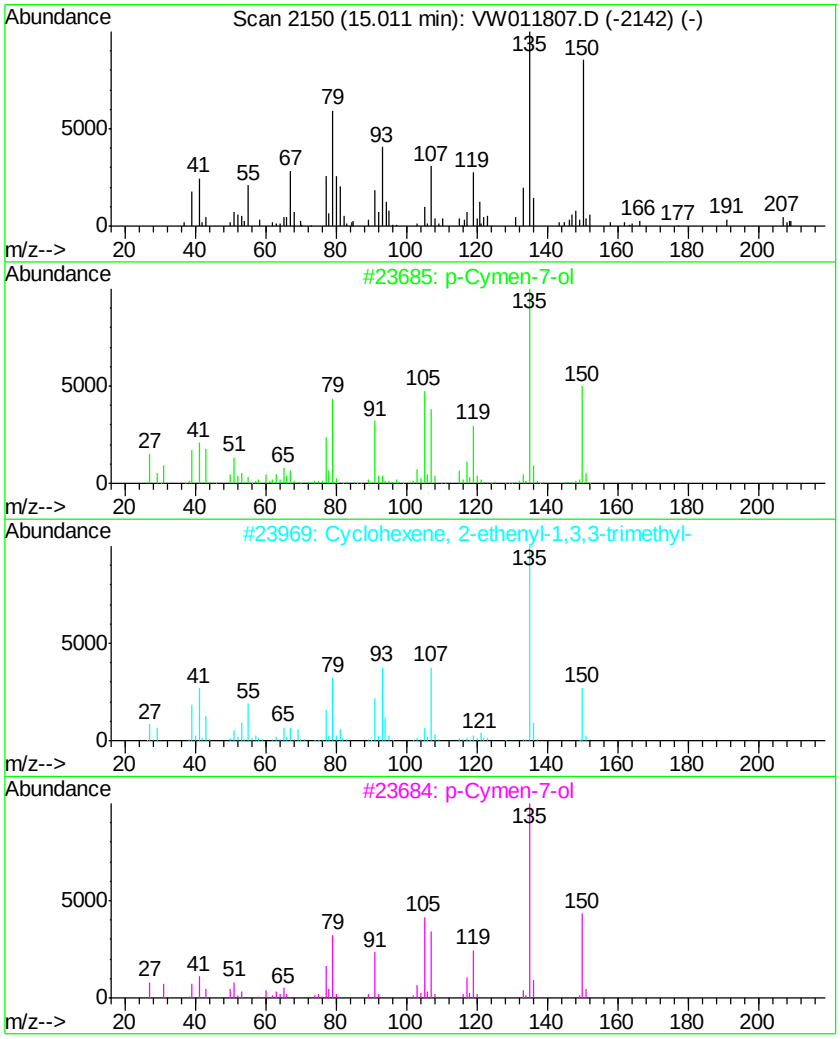
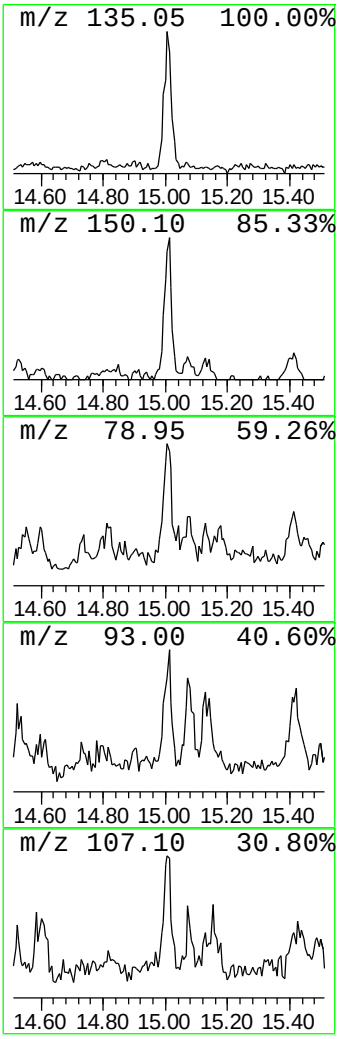
Peak Number 21 p-Cymen-7-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	3.70 ug/L	50234	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	81
2	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	76
3	p-Cymen-7-ol	150	C10H14O	000536-60-7	72
4	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	70
5	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	70





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Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

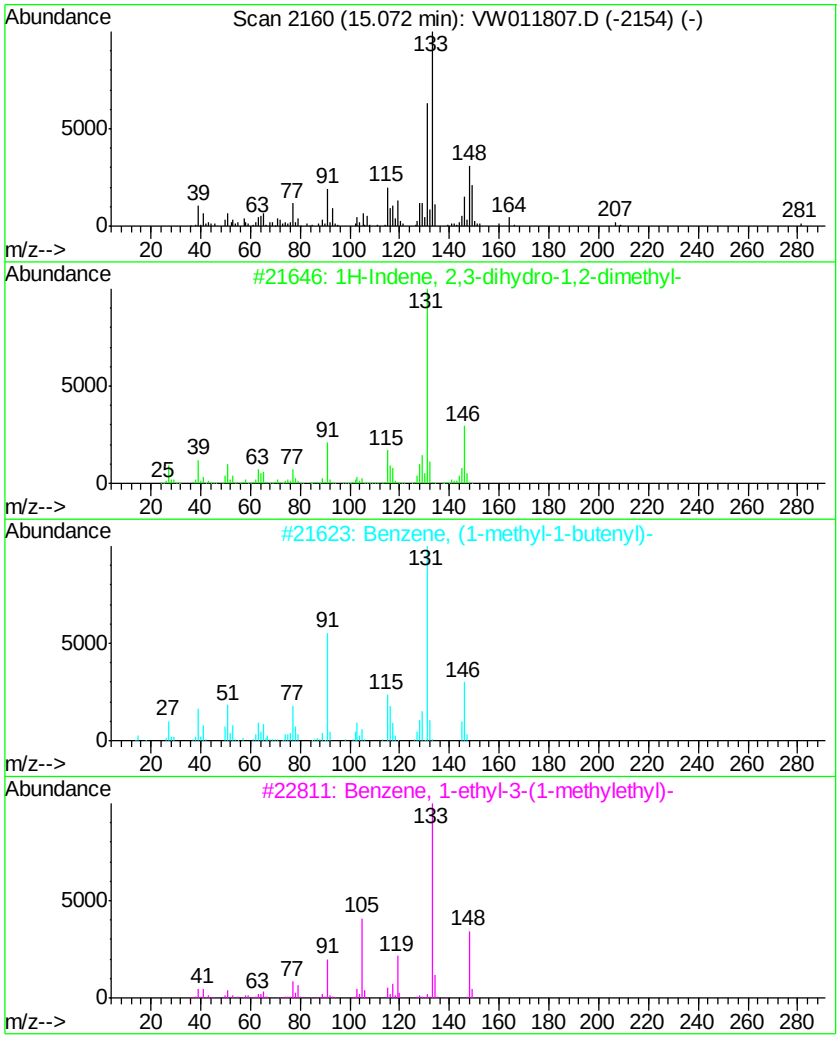
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

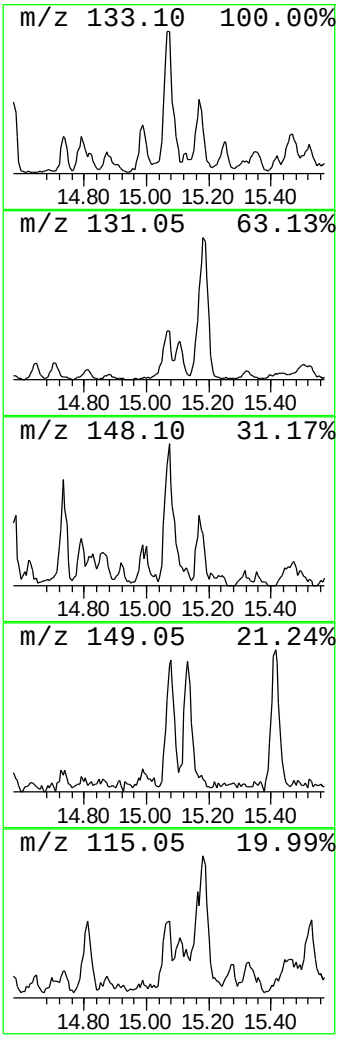
****

Peak Number 22 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	6.86 ug/L	93175	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	60
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	51
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	49
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	46
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

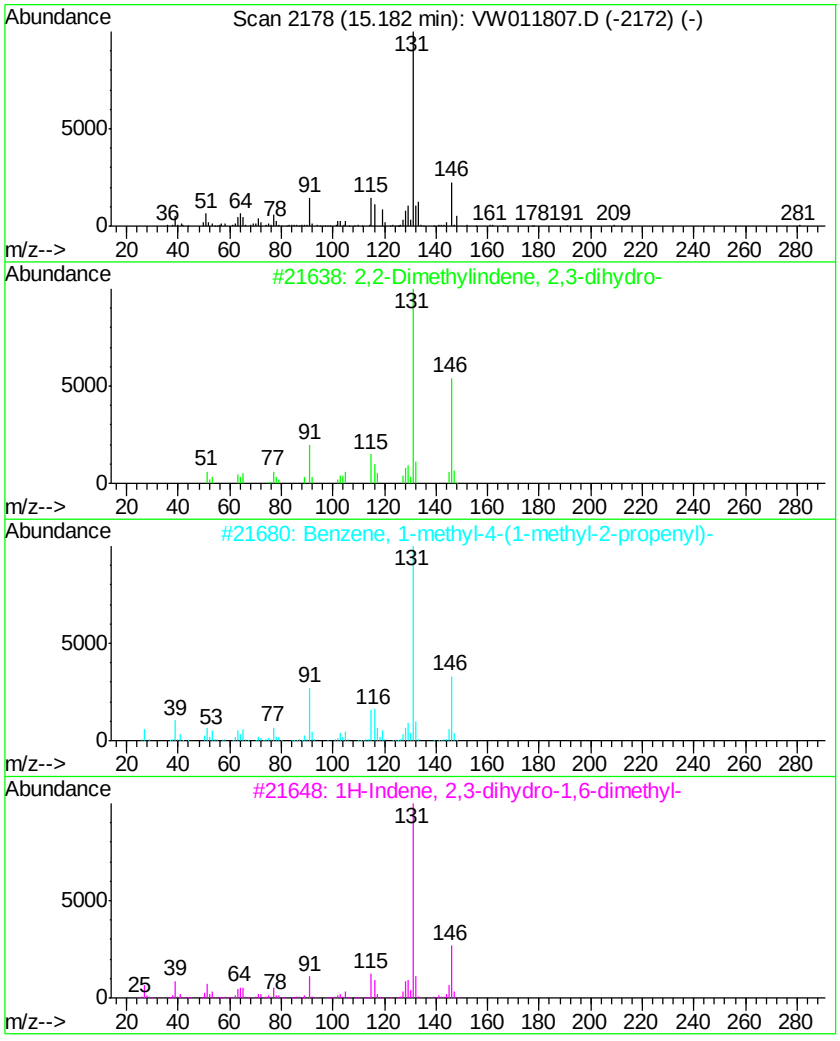
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

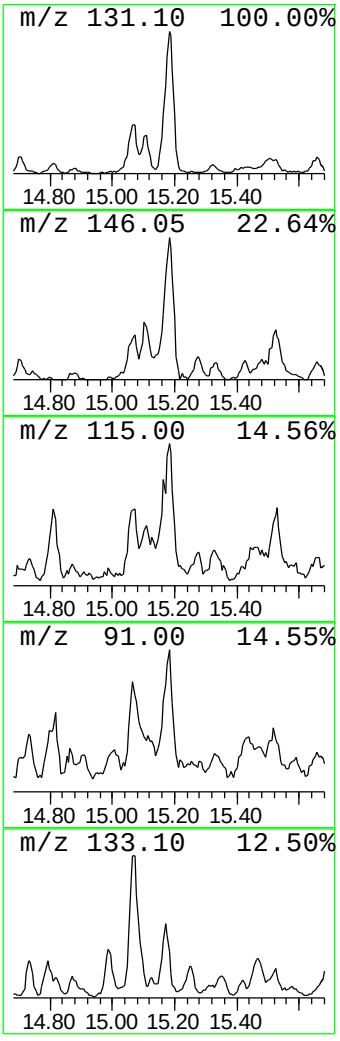
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2,2-Dimethylindene, 2,3-dih... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	10.12 ug/L	137469	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87





Library Search Compound Report

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Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

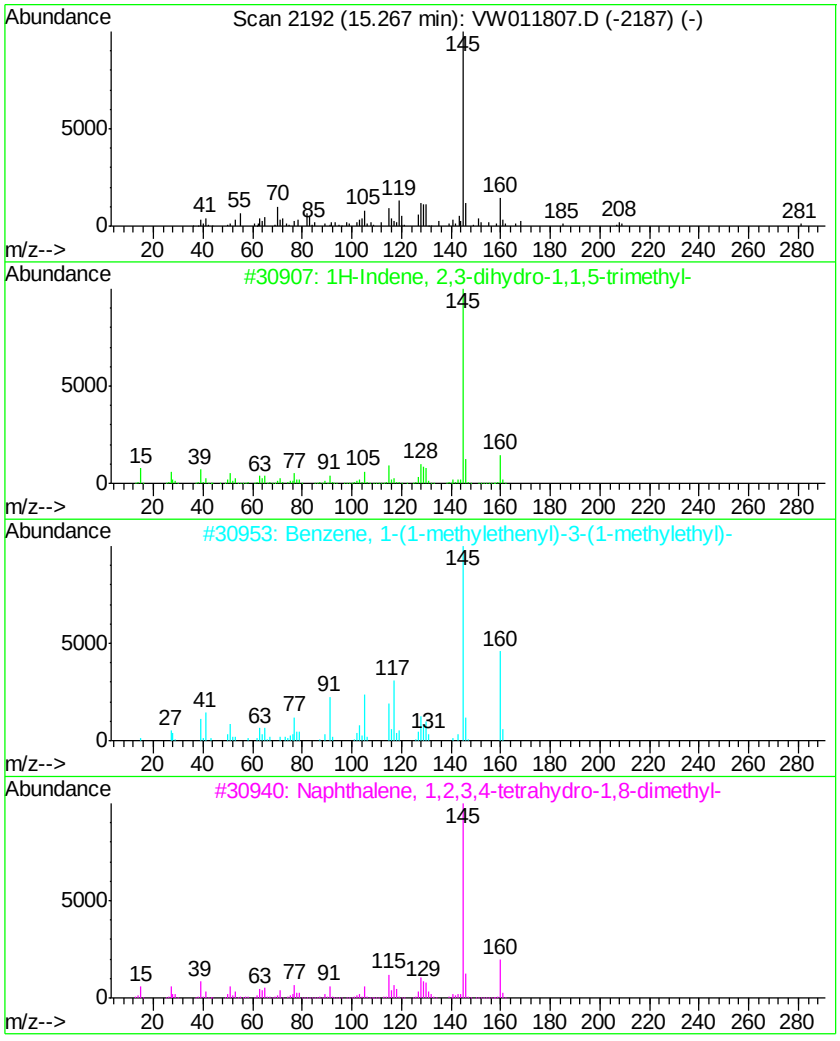
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

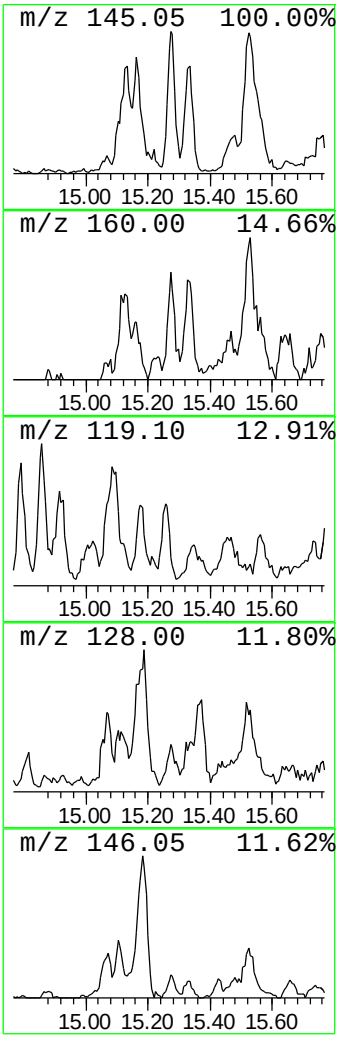
****

Peak Number 24 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	2.78 ug/L	37812	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	93
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	83





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Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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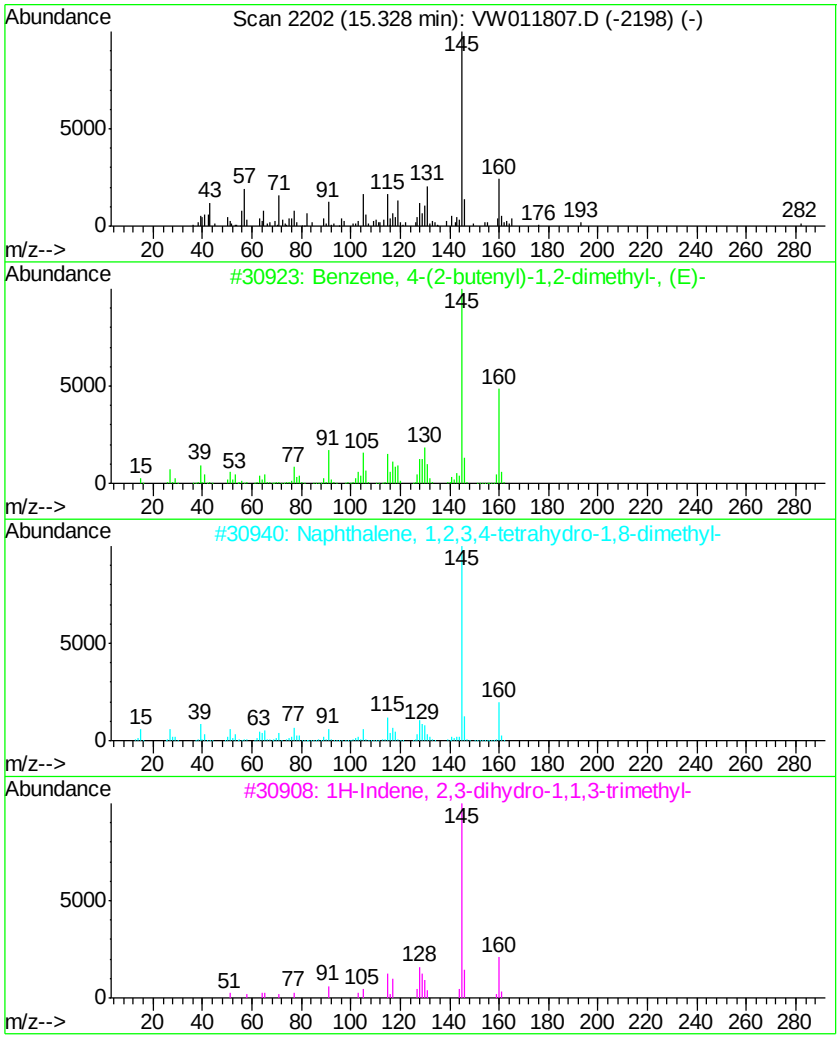
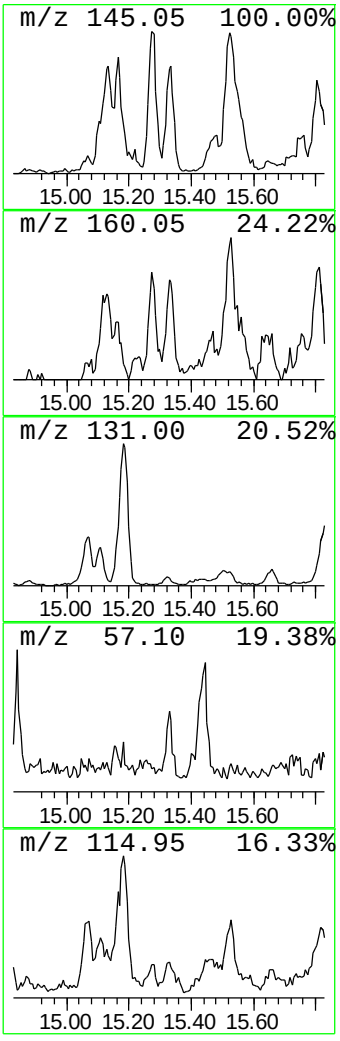
Peak Number 25 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.90 ug/L	39436	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	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	94
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	94
4	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	90
5	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	89





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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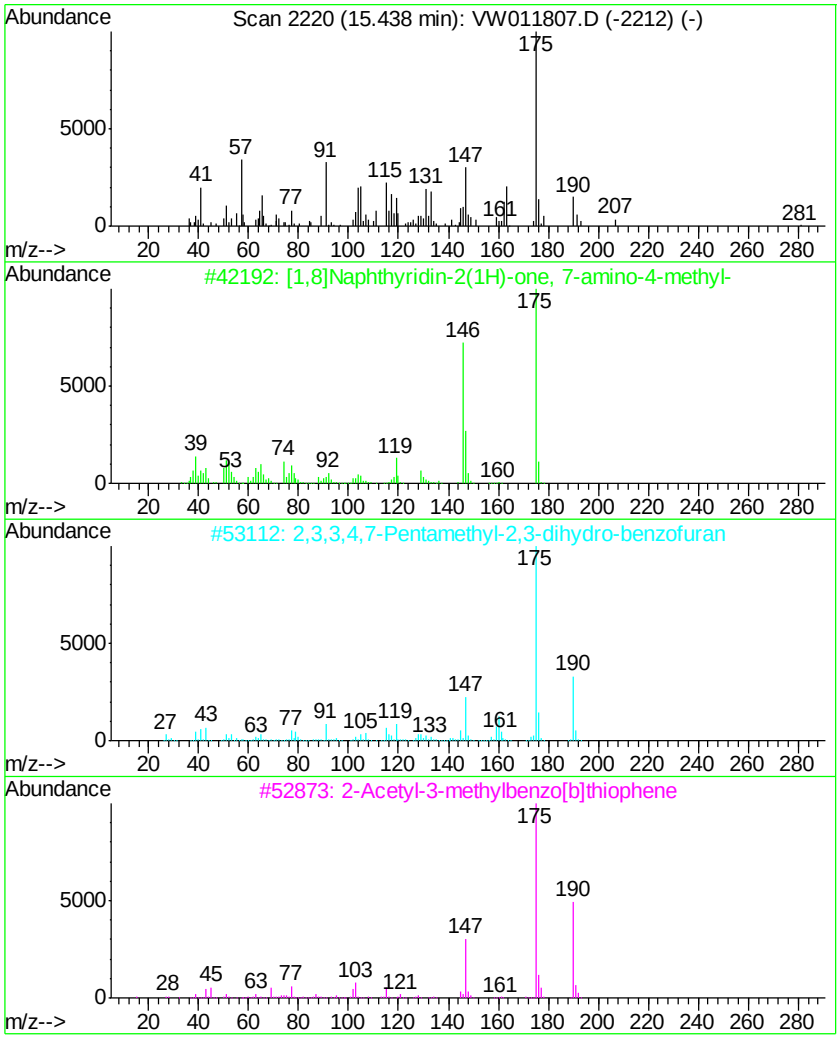
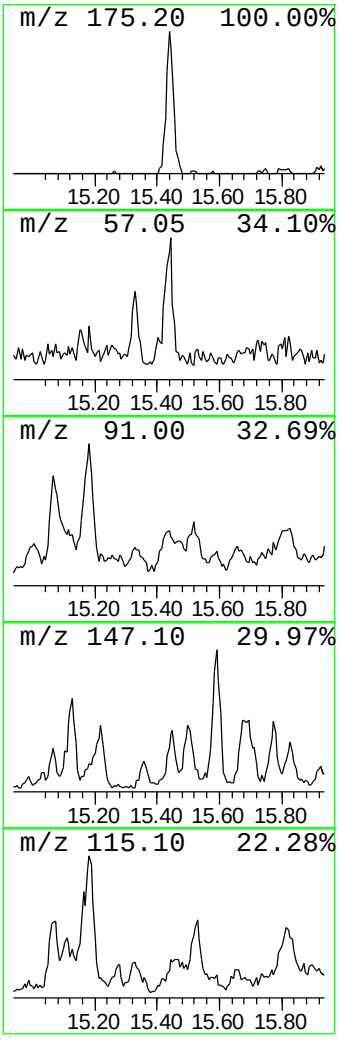
Peak Number 26 [1,8]Naphthyridin-2(1H)-one... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	4.92 ug/L	66863	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,8]Naphthyridin-2(1H)-one, 7-a...	175	C9H9N3O	1000351-50-6	55
2	2,3,3,4,7-Pentamethyl-2,3-dihydr...	190	C13H18O	1000189-42-9	49
3	2-Acetyl-3-methylbenzo[b]thiophene	190	C11H10OS	018781-31-2	47
4	Thiazole, 5-methyl-4-phenyl-	175	C10H9NS	001826-18-2	46
5	4-Methyl-2,6-dihydroxyquinoline	175	C10H9NO2	034982-01-9	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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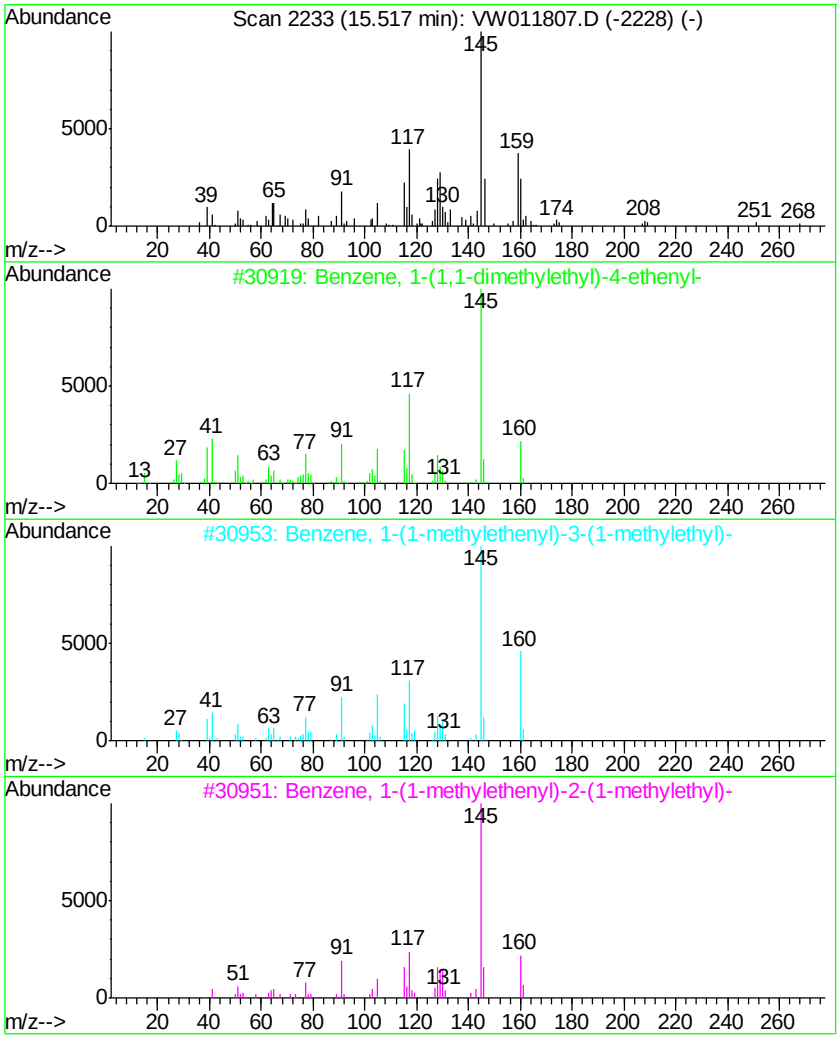
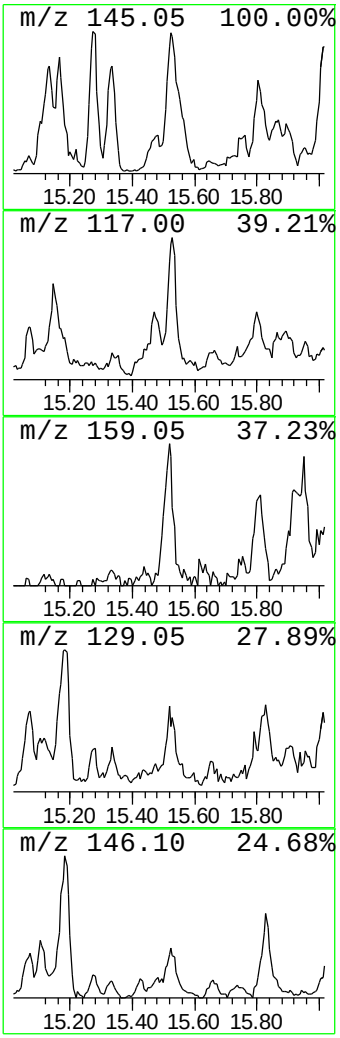
Peak Number 27 Benzene, 1-(1,1-dimethyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	5.69 ug/L	77270	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	62
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	58
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	58
4	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	58
5	3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	58





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Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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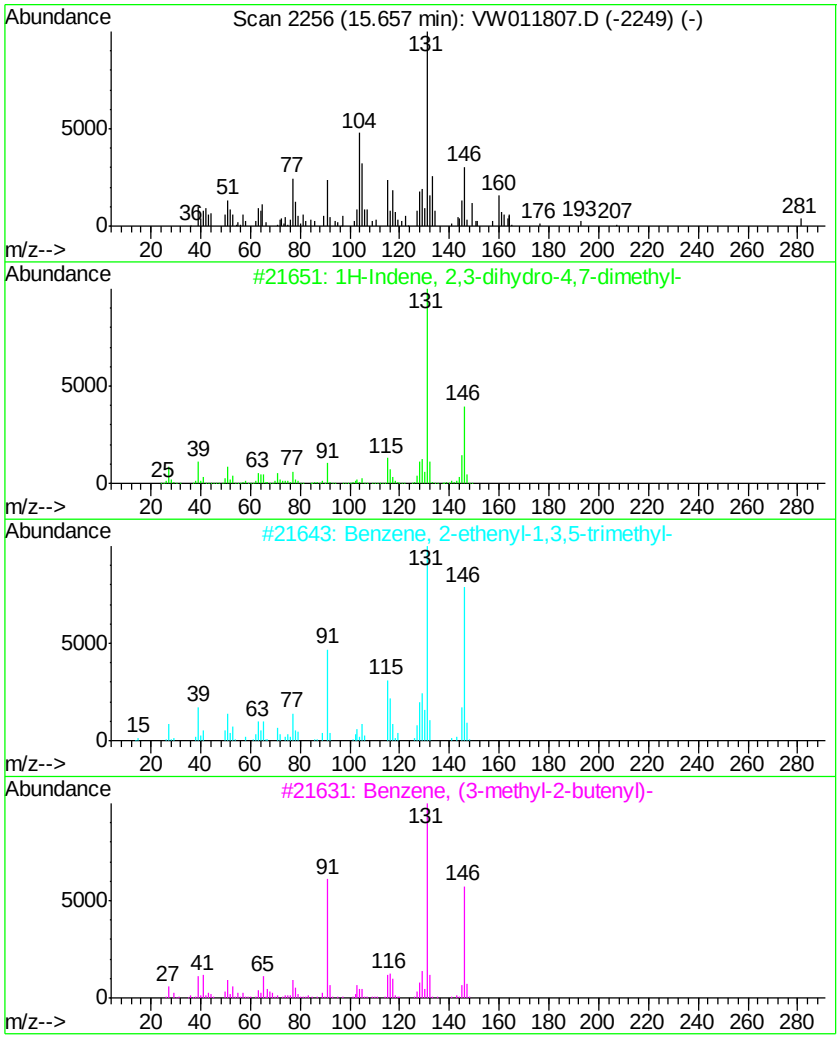
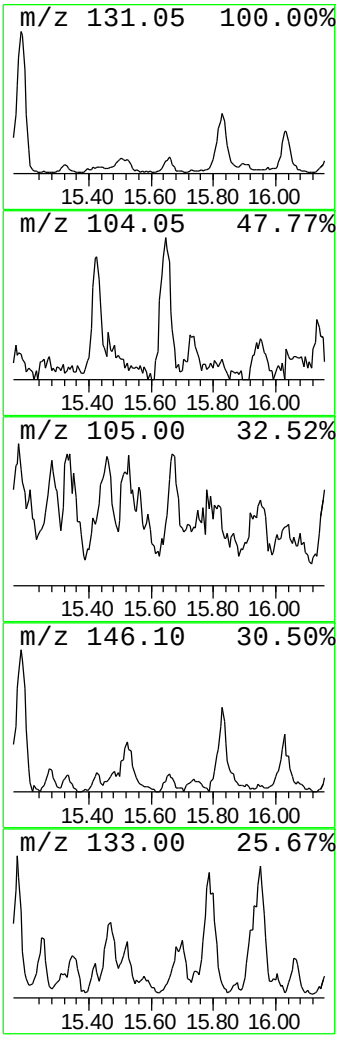
Peak Number 28 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	3.22 ug/L	43766	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55





Library Search Compound Report

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Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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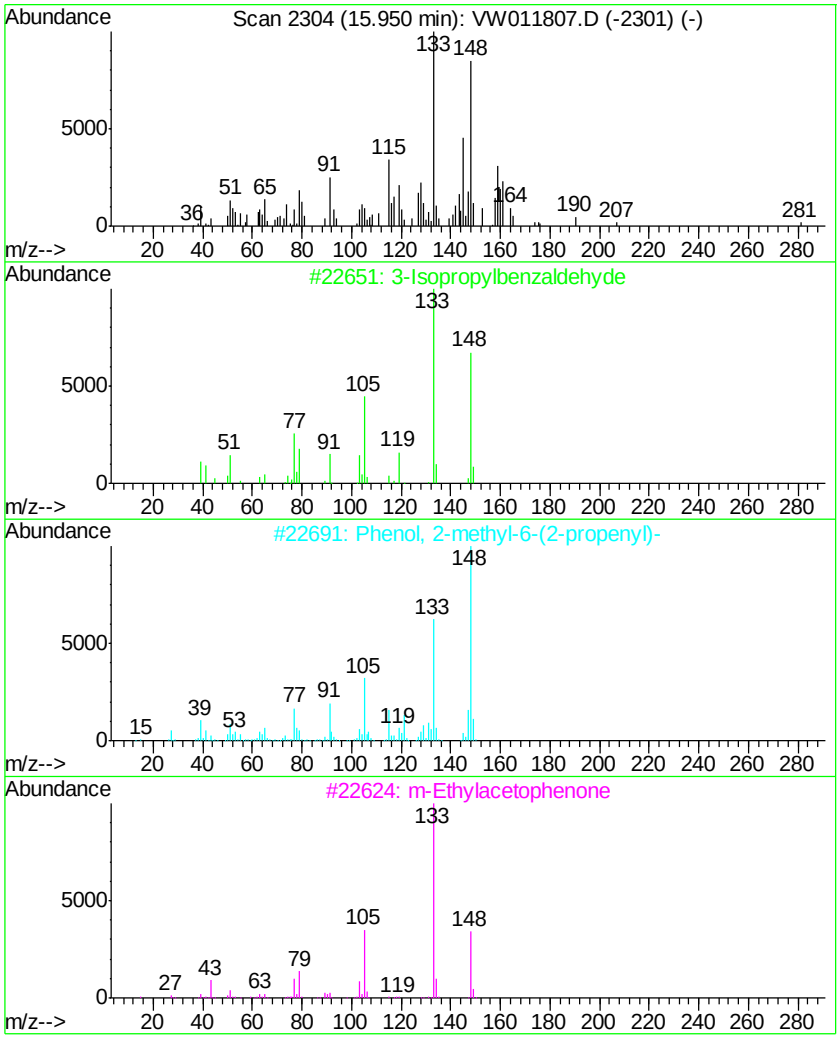
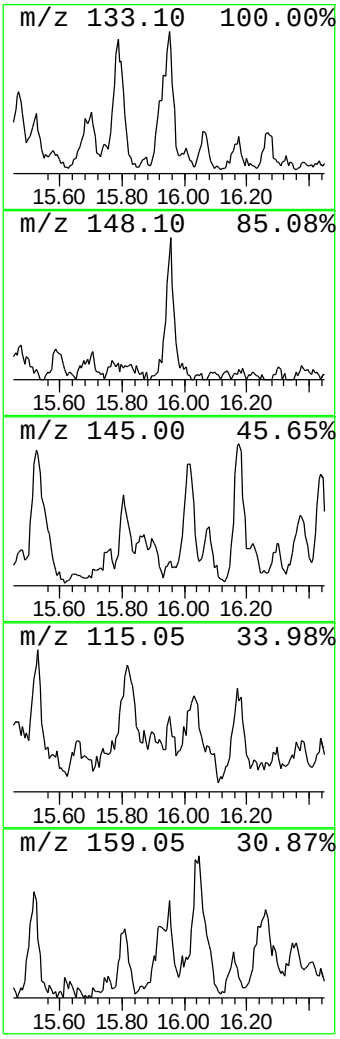
Peak Number 29 unknown-05 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	1.98 ug/L	26925	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	46
2	Phenol, 2-methyl-6-(2-propenyl)-	148	C10H12O	003354-58-3	43
3	m-Ethylacetophenone	148	C10H12O	022699-70-3	43
4	Phenol, p-(2-methylallyl)-	148	C10H12O	033641-78-0	43
5	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	43





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Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

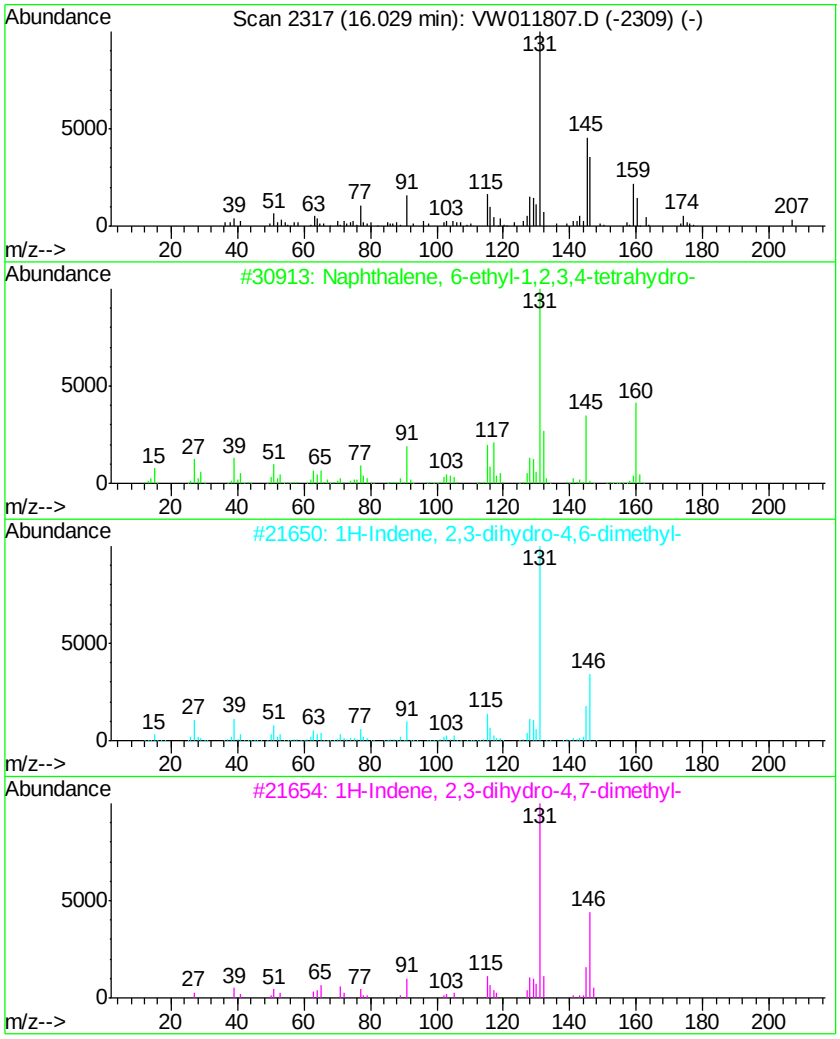
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

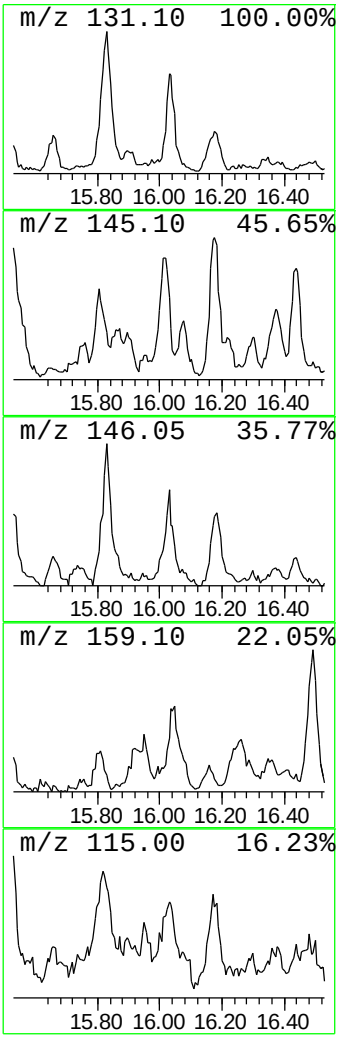
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	4.01 ug/L	54489	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	74
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	70
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	70
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64





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Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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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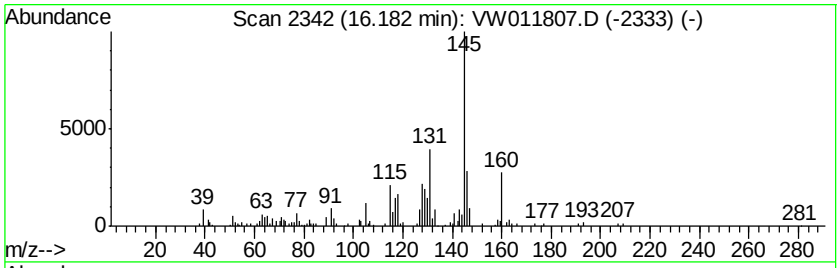
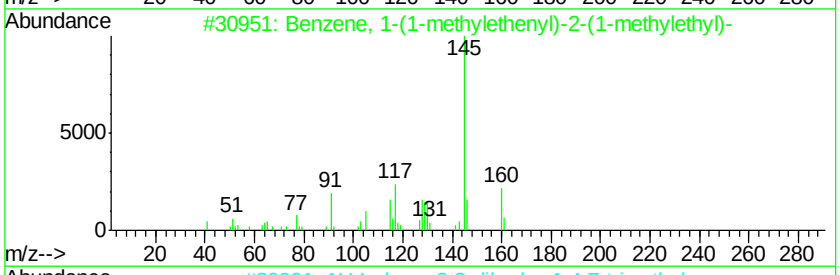
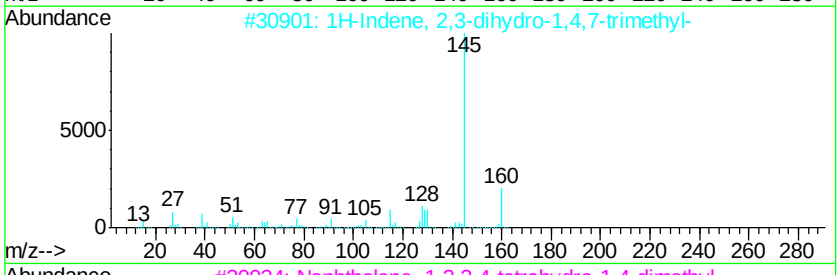
Peak Number 31 Benzene, 1-(1-methylethenyl... Concentration Rank 7

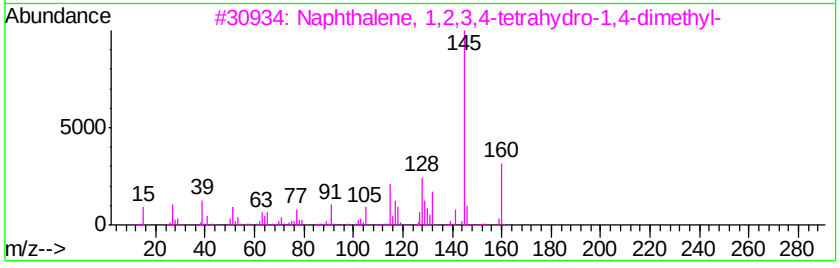
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	5.48 ug/L	74396	1,4-Dichlorobenzene-d4	13.56

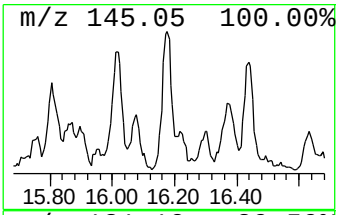
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	70
2	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	62
4	1-Naphthalenemethanol, 1,2,3,4-t...	176	C12H16O	036052-28-5	60
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	58

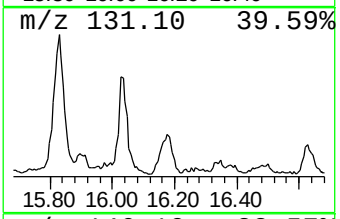


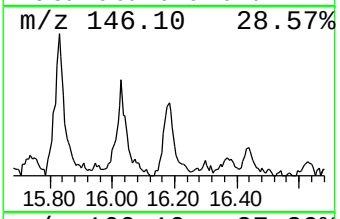


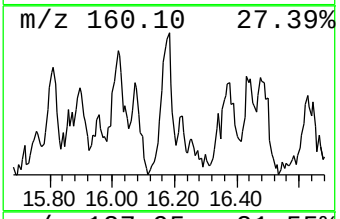


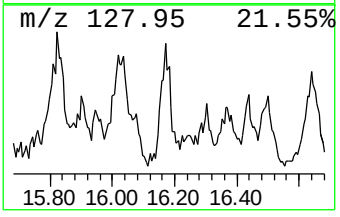












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

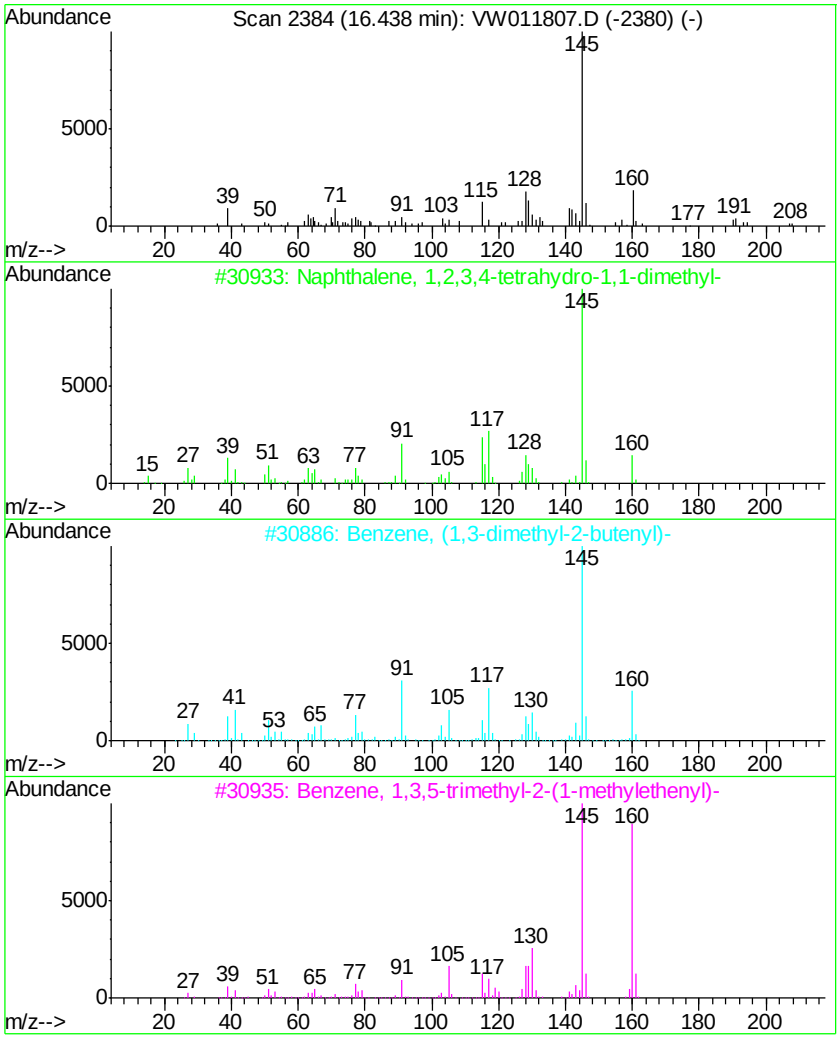
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

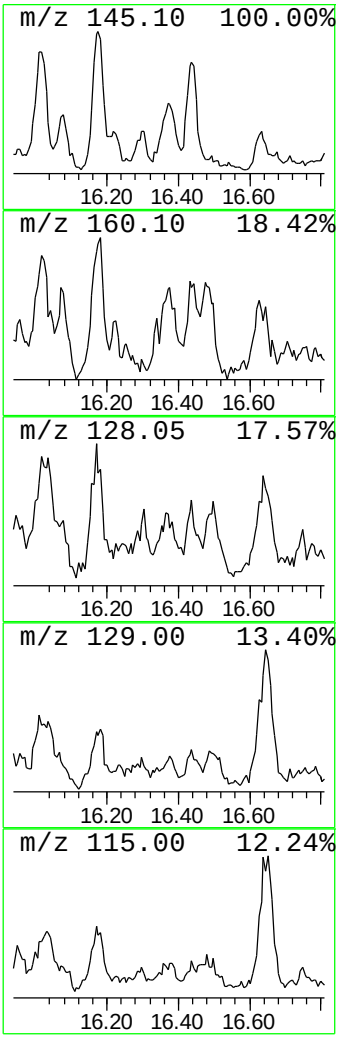
****

Peak Number 33 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	1.43 ug/L	19368	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	87
2	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	87
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	86
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	86
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

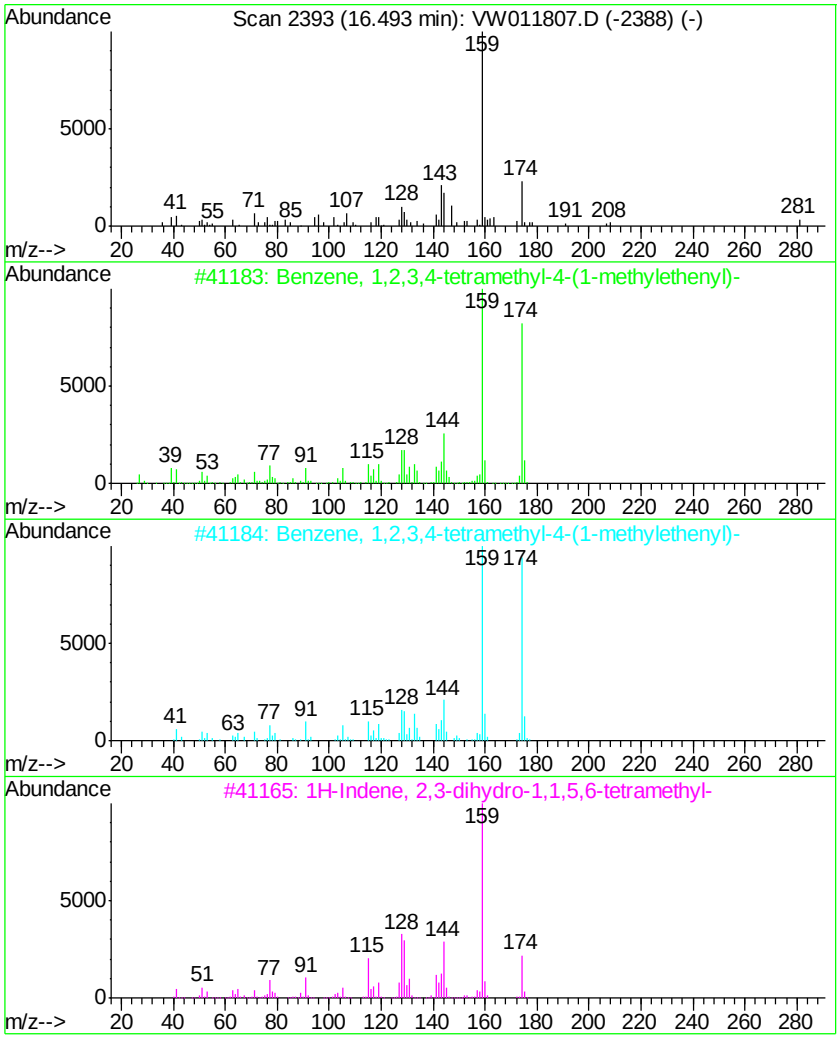
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

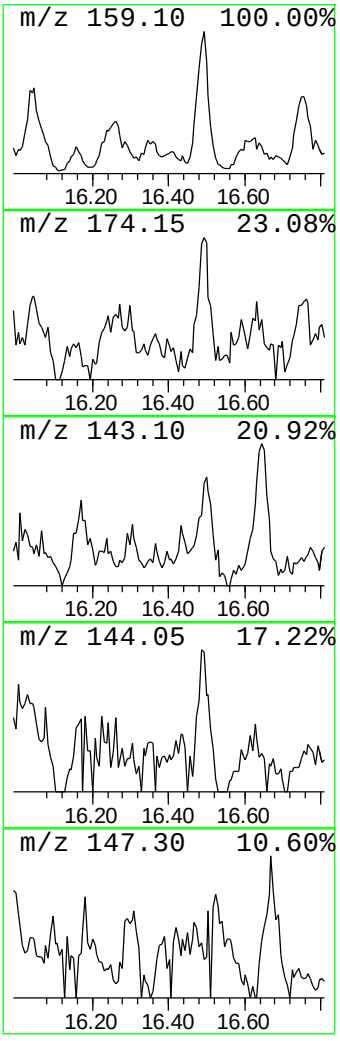
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1,2,3,4-tetramethy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	3.99 ug/L	54184	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	91
2	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	91
3	1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	80
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

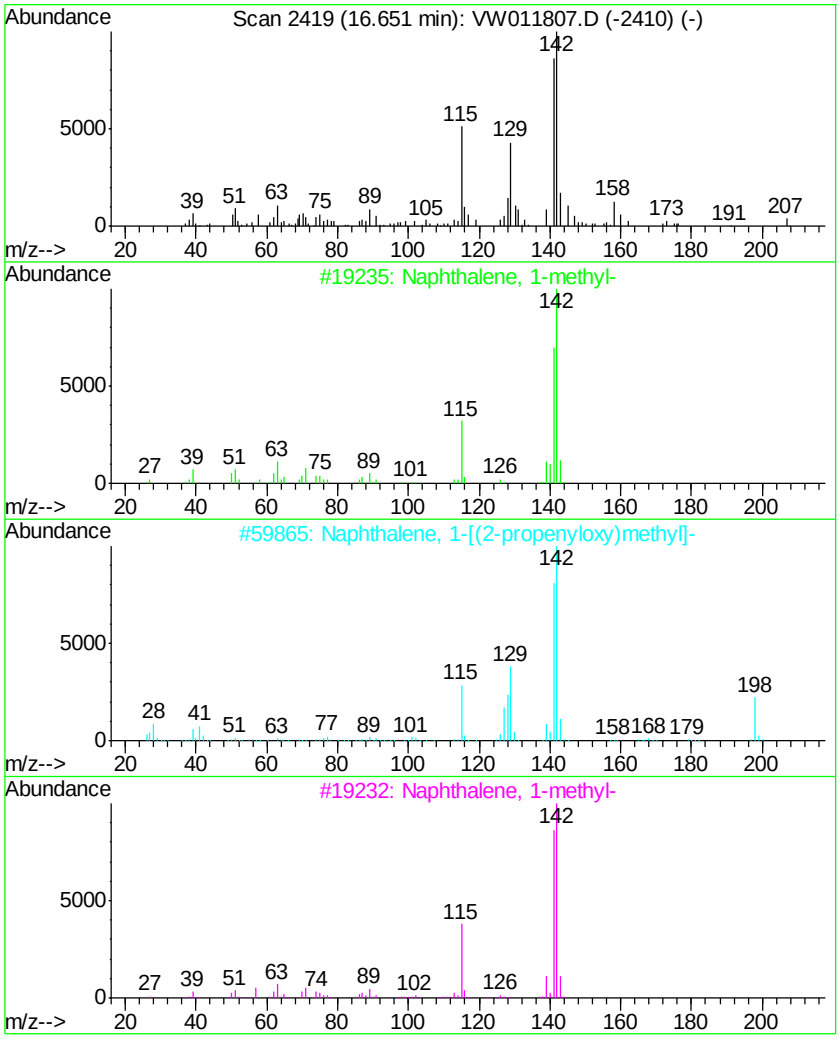
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

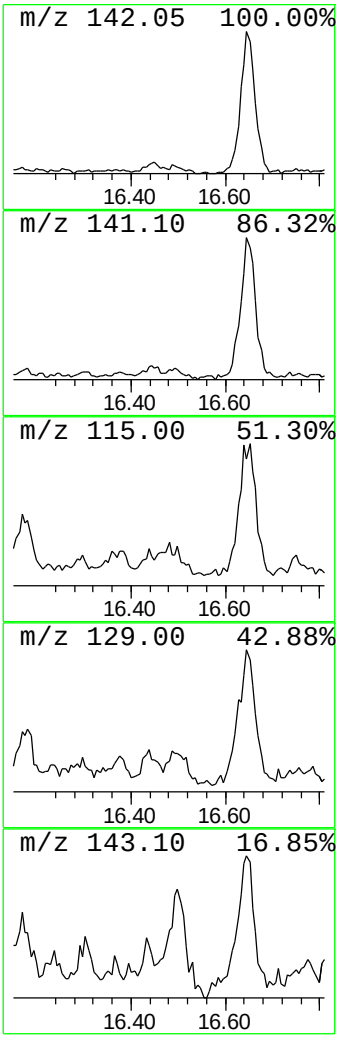
****

Peak Number 35 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	6.78 ug/L	92091	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86
2	Naphthalene, 1-[(2-propenyloxy)m...	198	C14H14O	074685-39-5	72
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	70
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	70
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011807.D
Acq On : 09 Aug 2019 12:37
Operator : SY/VA
Sample : K4215-11
Misc : 2.66G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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
unknown-01	1.96	2.2	ug/L	48790	1	8.84	564269	25.0
Bicyclo[2.2.1]hep...	12.34	1.3	ug/L	27446	2	11.63	535617	25.0
(DEL) Alkane: Cyc...	12.78	1.8	ug/L	24318	3	13.56	339443	25.0
unknown-02	13.30	1.3	ug/L	17811	3	13.56	339443	25.0
unknown-03	14.01	1.3	ug/L	17004	3	13.56	339443	25.0
Benzeneethanamine...	14.07	4.2	ug/L	56583	3	13.56	339443	25.0
2,4-Dimethylstyrene	14.21	1.6	ug/L	21219	3	13.56	339443	25.0
unknown-04	14.27	1.4	ug/L	19248	3	13.56	339443	25.0
Cyclohexene, 1-pe...	14.32	1.6	ug/L	21751	3	13.56	339443	25.0
Naphthalene, deca...	14.38	2.8	ug/L	38186	3	13.56	339443	25.0
Benzamide, 4-methyl-	14.42	2.4	ug/L	33017	3	13.56	339443	25.0
Benzene, 1-ethyl-...	14.51	1.3	ug/L	17324	3	13.56	339443	25.0
Benzene, 1,3-diet...	14.74	4.3	ug/L	58349	3	13.56	339443	25.0
3-Phenylbut-1-ene	14.81	5.5	ug/L	75218	3	13.56	339443	25.0
p-Cymen-7-ol	15.01	3.7	ug/L	50234	3	13.56	339443	25.0
1H-Indene, 2,3-di...	15.07	6.9	ug/L	93175	3	13.56	339443	25.0
2,2-Dimethylinden...	15.18	10.1	ug/L	137469	3	13.56	339443	25.0
1H-Indene, 2,3-di...	15.27	2.8	ug/L	37812	3	13.56	339443	25.0
Benzene, 4-(2-but...	15.33	2.9	ug/L	39436	3	13.56	339443	25.0
[1,8]Naphthyridin...	15.44	4.9	ug/L	66863	3	13.56	339443	25.0
Benzene, 1-(1,1-d...	15.52	5.7	ug/L	77270	3	13.56	339443	25.0
1H-Indene, 2,3-di...	15.66	3.2	ug/L	43766	3	13.56	339443	25.0
unknown-05	15.95	2.0	ug/L	26925	3	13.56	339443	25.0
Naphthalene, 6-et...	16.03	4.0	ug/L	54489	3	13.56	339443	25.0
Benzene, 1-(1-met...	16.18	5.5	ug/L	74396	3	13.56	339443	25.0
Naphthalene, 1,2,...	16.44	1.4	ug/L	19368	3	13.56	339443	25.0
Benzene, 1,2,3,4-...	16.49	4.0	ug/L	54184	3	13.56	339443	25.0
Naphthalene, 1-me...	16.65	6.8	ug/L	92091	3	13.56	339443	25.0