LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081319\
Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA W/SOIL
ALS Vial : 1 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	23	rVB3	16315	40123	3.02%	0.357%
2	2.154	36	41	55	rBV3	19426	46569	3.51%	0.415%
3	2.349	65	73	82	rBV	85801	157081	11.83%	1.400%
4	2.495	93	97	102	rVB2	2796	4693	0.35%	0.042%
5	2.885	155	161	176	rVV	57668	139572	10.51%	1.244%
6	3.026	180	184	190	rVB8	2854	6335	0.48%	0.056%
7	3.263	221	223	226	rVV4	1122	1856	0.14%	0.017%
8	3.312	229	231	235	rVV2	1631	2050	0.15%	0.018%
9	3.385	238	243	255	rVB6	2303	7271	0.55%	0.065%
10	3.593	269	277	283	rVB6	1428	3708	0.28%	0.033%
11	3.678	286	291	296	rBV5	1686	3028	0.23%	0.027%
12	3.867	310	322	331	rBV4	2622	8722	0.66%	0.078%
13	4.019	335	347	361	rBV	136961	438476	33.01%	3.907%
14	4.135	361	366	380	rVB3	6926	22927	1.73%	0.204%
15	4.379	400	406	412	rBV2	3346	8926	0.67%	0.080%
16	4.922	483	495	506	rBV2	10030	39380	2.97%	0.351%
17	5.781	632	636	646	rVB7	1222	3835	0.29%	0.034%
18	5.934	651	661	672	rBV4	7726	23325	1.76%	0.208%
19	7.080	841	849	856	rBV	50236	146817	11.05%	1.308%
20	7.647	931	942	958	rVB	217139	534117	40.21%	4.759%
21	7.848	971	975	979	rVV5	1071	1904	0.14%	0.017%
22	7.945	983	991	1000	rBV4	7520	18437	1.39%	0.164%
23	8.031	1000	1005	1011	rBV8	1834	3601	0.27%	0.032%
24	8.275	1031	1045	1064	rBV2	445381	1328155	100.00%	11.833%
25	8.695	1109	1114	1118	rVB7	2128	4286	0.32%	0.038%
26	8.842	1129	1138	1150	rBV	461240	915118	68.90%	8.153%
27	9.079	1167	1177	1183	rBV	3362	10775	0.81%	0.096%
28	9.274	1200	1209	1223	rBV	321906	651697	49.07%	5.806%
29	9.506	1241	1247	1248	rBV5	1052	1876	0.14%	0.017%
30	9.604	1259	1263	1267	rBV6	1670	2940	0.22%	0.026%
31	9.665	1267	1273	1276	rBV4	2211	4112	0.31%	0.037%
32	9.750	1283	1287	1292	rVB8	2757	5054	0.38%	0.045%
33	10.037	1327	1334	1345	rVV	157914	291608	21.96%	2.598%
34	10.128	1345	1349	1356	rVB9	2857	6811	0.51%	0.061%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081319\
Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA W/SOIL
ALS Vial : 1 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	10.323	1373	1381	1389	rBV	589960	1022607	76.99%	9.111%
36	10.390	1389	1392	1396	rVB	5211	7917	0.60%	0.071%
37	10.506	1407	1411	1416	rVB6	2816	5380	0.41%	0.048%
38	10.579	1416	1423	1433	rBV	98952	174594	13.15%	1.556%
39	10.658	1433	1436	1439	rBV5	2261	3984	0.30%	0.035%
40	10.701	1439	1443	1450	rVB	13772	23646	1.78%	0.211%
41	10.860	1462	1469	1473	rBV7	3695	7499	0.56%	0.067%
42	10.927	1473	1480	1488	rBV	178476	307723	23.17%	2.742%
43	11.061	1497	1502	1510	rBV	24854	44595	3.36%	0.397%
44	11.231	1525	1530	1535	rVB3	6088	10666	0.80%	0.095%
45	11.335	1543	1547	1551	rBV7	2182	3919	0.30%	0.035%
46	11.390	1551	1556	1557	rBV5	2008	3102	0.23%	0.028%
47	11.439	1561	1564	1572	rVB9	3926	8094	0.61%	0.072%
48	11.628	1589	1595	1608	rVB	592967	1010193	76.06%	9.000%
49	11.731	1608	1612	1616	rBV4	3636	6036	0.45%	0.054%
50	11.835	1622	1629	1638	rBV3	7548	21559	1.62%	0.192%
51	12.140	1673	1679	1683	rBV6	7115	17442	1.31%	0.155%
52	12.250	1691	1697	1700	rBV8	2459	5283	0.40%	0.047%
53	12.298	1702	1705	1706	rVV2	3116	3133	0.24%	0.028%
54	12.341	1708	1712	1722	rVV6	13121	31430	2.37%	0.280%
55	12.414	1722	1724	1728	rVV5	2674	5335	0.40%	0.048%
56	12.469	1729	1733	1737	rVB4	8234	14056	1.06%	0.125%
57	12.609	1751	1756	1761	rBV	21001	37451	2.82%	0.334%
58	12.695	1763	1770	1777	rVV	223977	387673	29.19%	3.454%
59	12.780	1780	1784	1792	rVB7	12865	25316	1.91%	0.226%
60	12.865	1794	1798	1801	rBV5	3342	6469	0.49%	0.058%
61	12.932	1806	1809	1816	rVB6	10664	21271	1.60%	0.190%
62	13.073	1830	1832	1836	rVB6	4114	5404	0.41%	0.048%
63	13.170	1843	1848	1856	rVB6	6257	18434	1.39%	0.164%
64	13.255	1858	1862	1864	rBV3	6872	10687	0.80%	0.095%
65	13.383	1878	1883	1888	rVB6	8369	17524	1.32%	0.156%
66	13.560	1905	1912	1919	rVB	483262	798248	60.10%	7.112%
67	13.621	1920	1922	1924	rBV3	3430	3535	0.27%	0.031%
68	13.853	1953	1960	1969	rBV	424313	757356	57.02%	6.748%
69	13.950	1973	1976	1979	rBV	5212	6518	0.49%	0.058%
70	14.011	1983	1986	1989	rBV3	8872	8846	0.67%	0.079%
71	14.072	1991	1996	1998	rBV2	16850	26503	2.00%	0.236%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081319\
Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA W/SOIL
ALS Vial : 1 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	14.213	2012	2019	2023	rVB3	11715	24542	1.85%	0.219%
73	14.261	2023	2027	2032	rBV7	9394	20103	1.51%	0.179%
74	14.328	2034	2038	2043	rVV6	12995	26487	1.99%	0.236%
75	14.389	2043	2048	2050	rVV3	23308	39874	3.00%	0.355%
76	14.420	2050	2053	2057	rVV3	27644	39670	2.99%	0.353%
77	14.456	2057	2059	2063	rVB2	9814	11550	0.87%	0.103%
78	14.505	2063	2067	2069	rBV3	10707	19174	1.44%	0.171%
79	14.548	2069	2074	2081	rVB5	26640	65025	4.90%	0.579%
80	14.731	2100	2104	2110	rVB2	25415	38774	2.92%	0.345%
81	14.810	2110	2117	2122	rBV3	33183	84049	6.33%	0.749%
82	15.005	2142	2149	2154	rBV5	21563	53552	4.03%	0.477%
83	15.066	2154	2159	2163	rBV2	57405	105898	7.97%	0.943%
84	15.176	2172	2177	2187	rVB4	76891	174688	13.15%	1.556%
85	15.267	2187	2192	2197	rVB3	19121	40474	3.05%	0.361%
86	15.328	2197	2202	2211	rVB7	21191	50673	3.82%	0.451%
87	15.438	2211	2220	2228	rBV7	25063	105129	7.92%	0.937%
88	15.523	2228	2234	2243	rVB6	28808	76100	5.73%	0.678%
89	15.657	2251	2256	2265	rBV7	18079	46417	3.49%	0.414%
90	15.749	2266	2271	2273	rBV5	7464	15748	1.19%	0.140%
91	15.901	2293	2296	2300	rBV5	5565	9965	0.75%	0.089%
92	15.950	2300	2304	2309	rVB5	16748	28750	2.16%	0.256%
93	16.023	2309	2316	2322	rBV5	23561	61790	4.65%	0.551%
94	16.176	2332	2341	2348	rBV3	31140	77512	5.84%	0.691%
95	16.291	2357	2360	2365	rVB5	12168	18412	1.39%	0.164%
96	16.377	2369	2374	2379	rVV6	12587	32478	2.45%	0.289%
97	16.438	2379	2384	2388	rVV2	13702	32429	2.44%	0.289%
98	16.487	2388	2392	2404	rVB6	19201	53922	4.06%	0.480%
99	16.645	2410	2418	2427	rVB3	37120	103986	7.83%	0.926%
100	16.749	2431	2435	2441	rBV4	5865	12277	0.92%	0.109%

Sum of corrected areas: 11224061

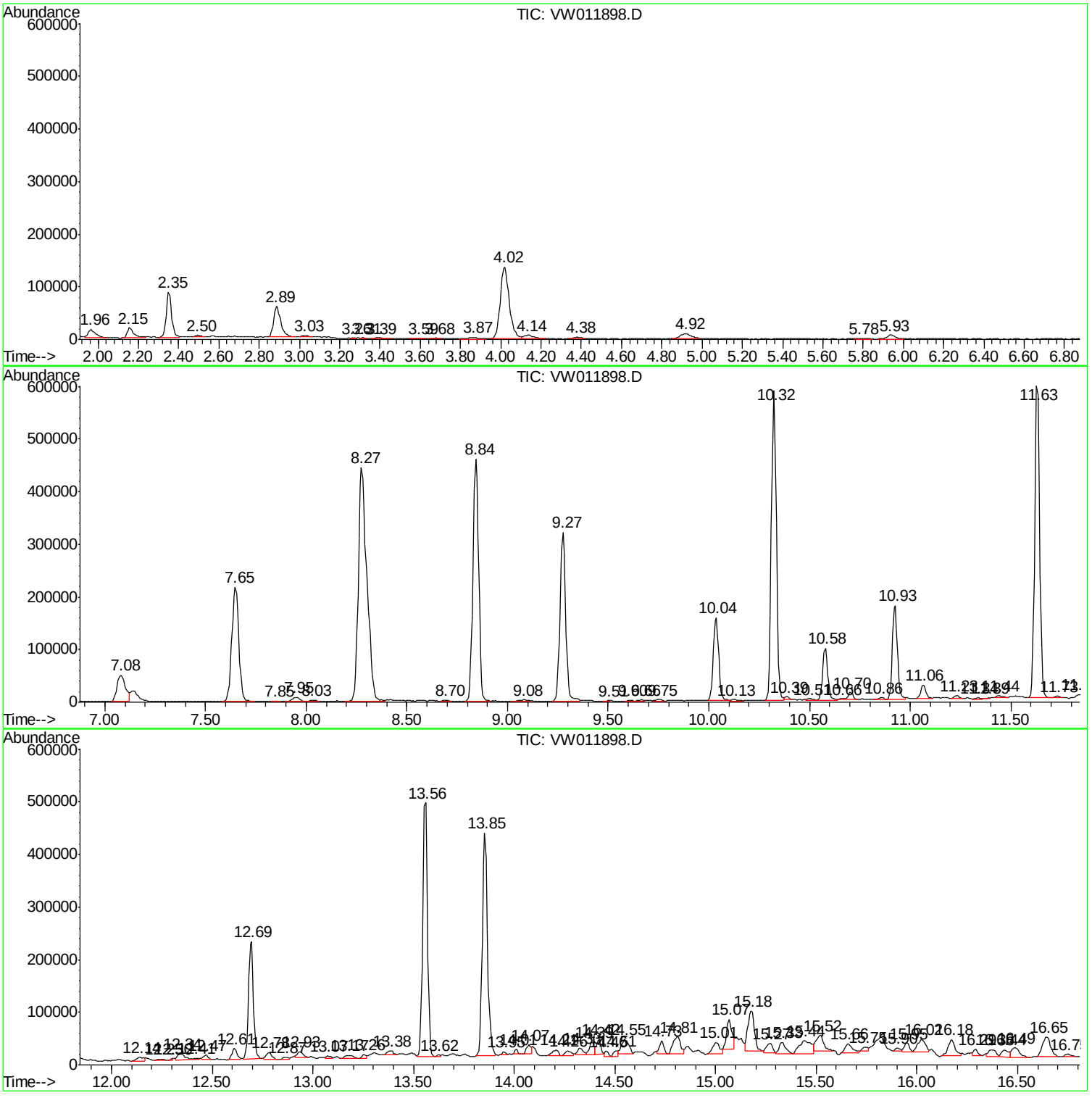
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081319\
Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 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\VW081319\
Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

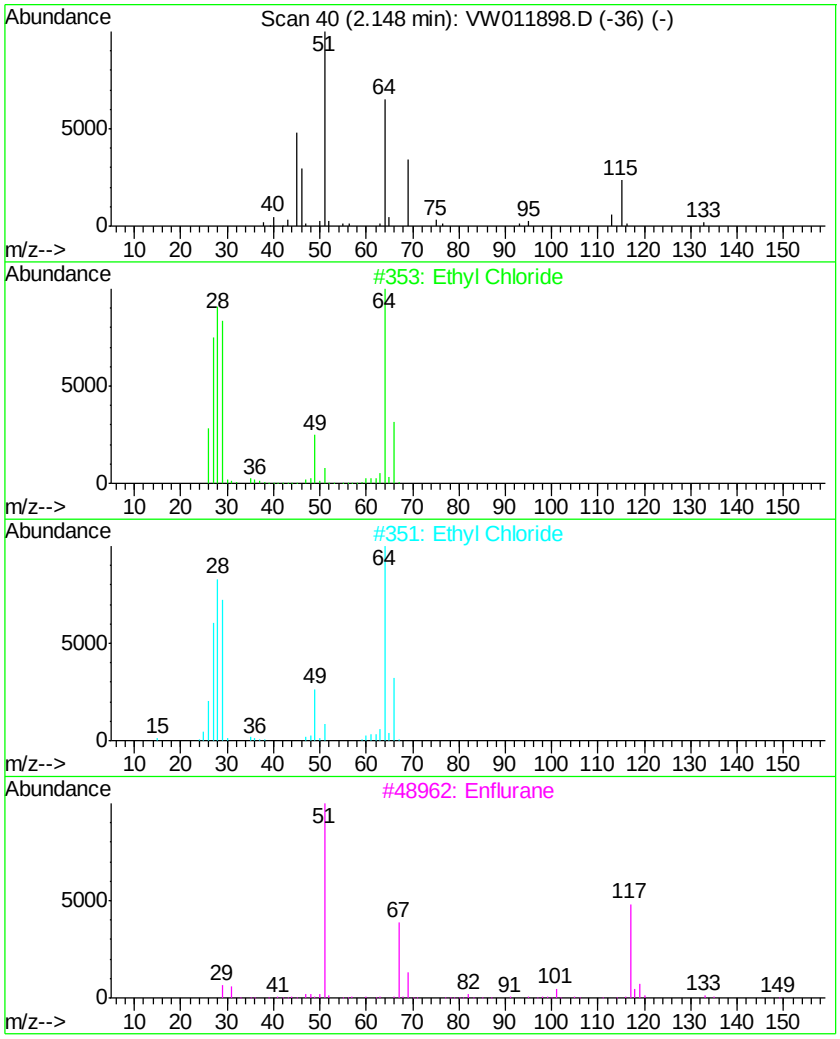
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

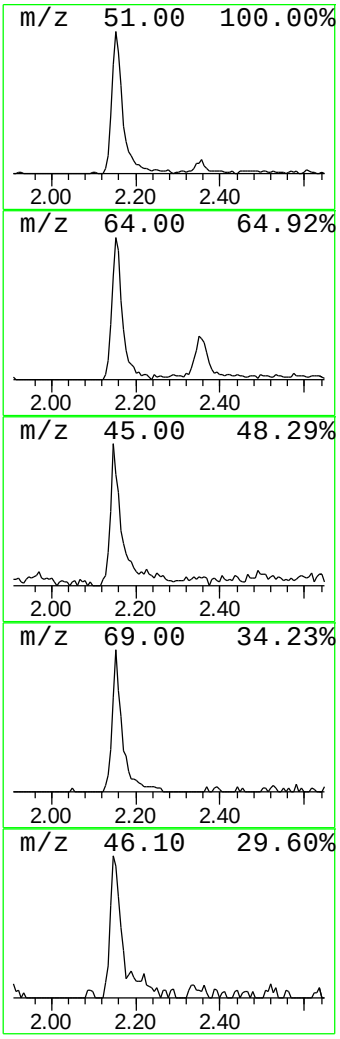
****

Peak Number 1 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.27 ug/L	46569	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	9
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	9
3	Enflurane	184	C3H2ClF5O	013838-16-9	9
4	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	5
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081319\
Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

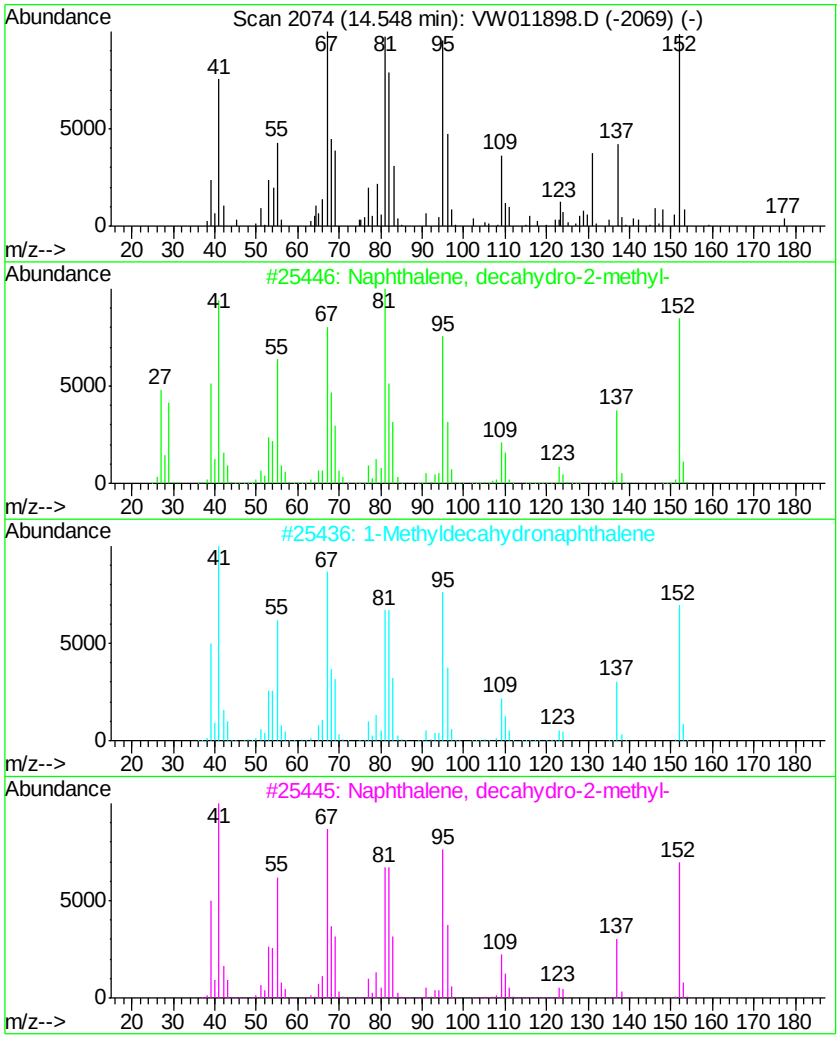
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

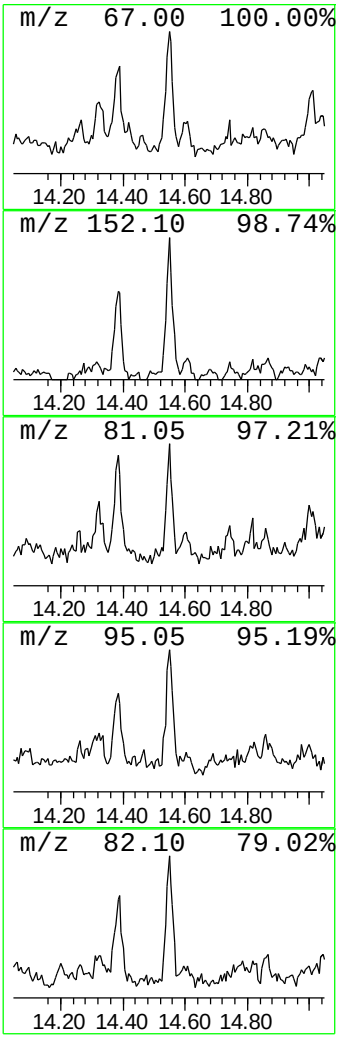
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.04 ug/L	65025	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	91
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	90
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
5	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081319\
Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

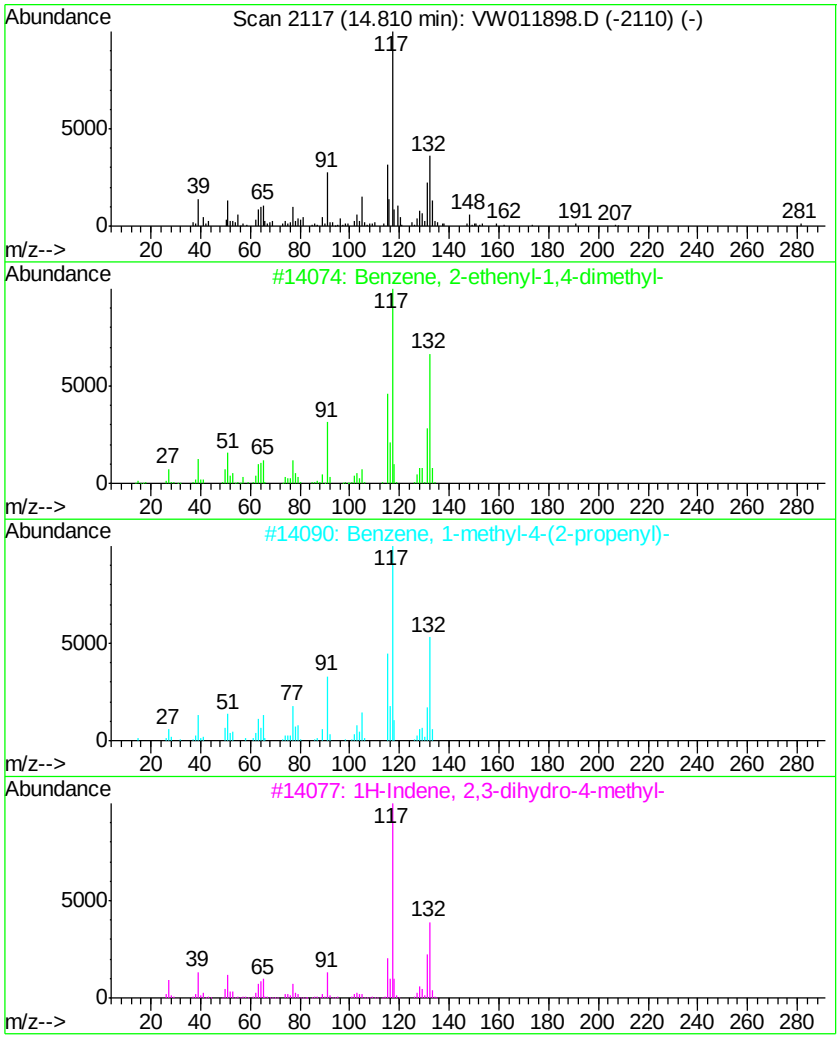
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

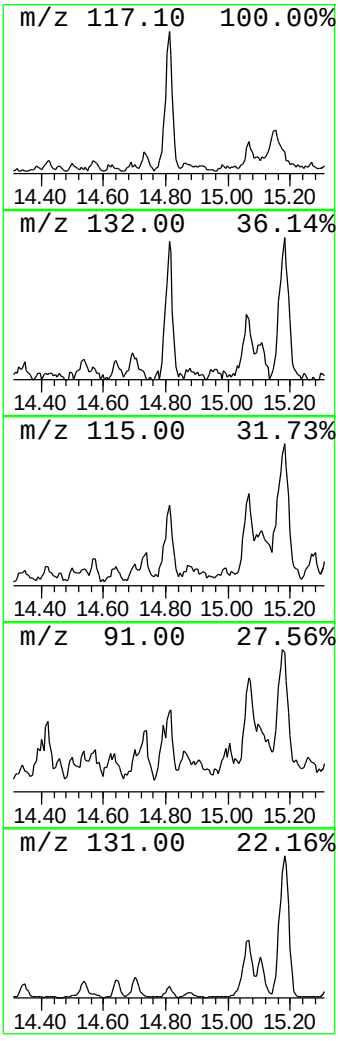
****

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.63 ug/L	84049	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081319\
Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

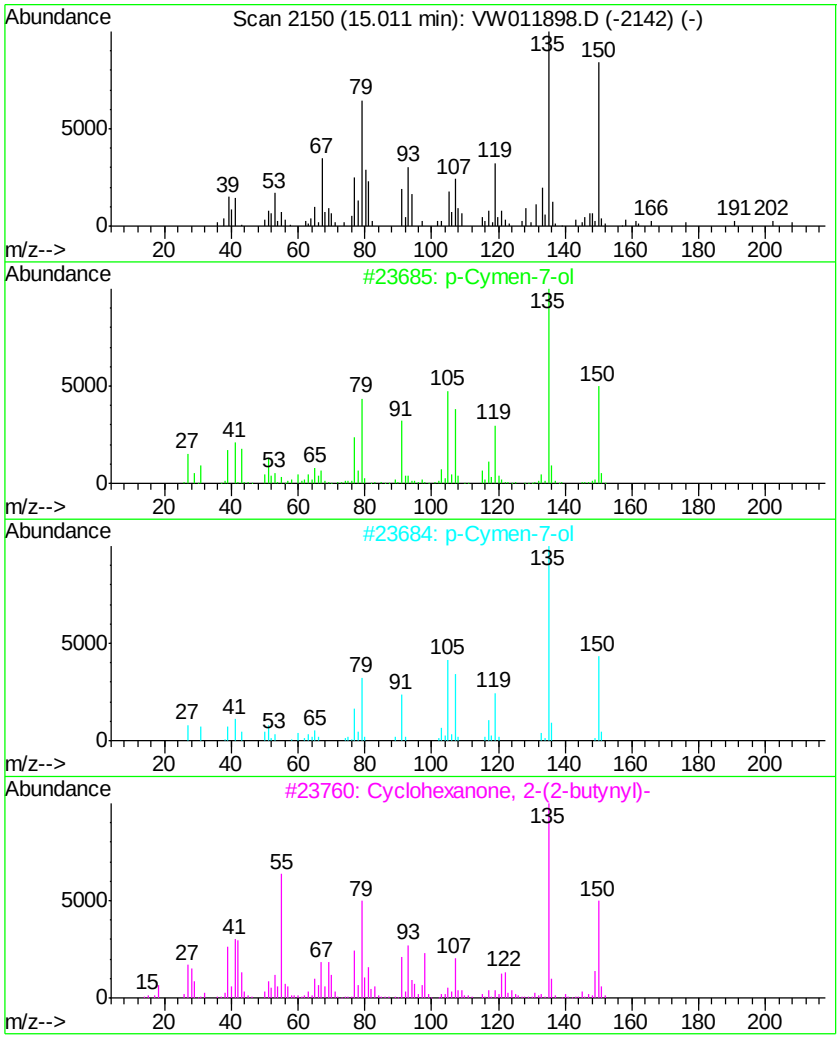
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

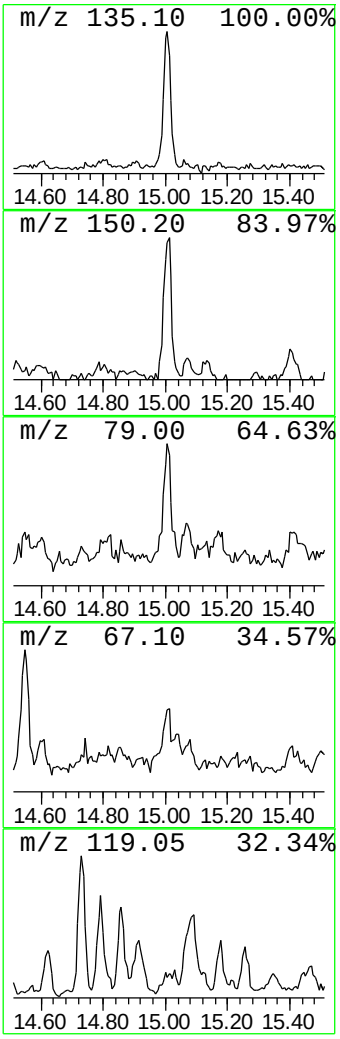
****

Peak Number 5 p-Cymen-7-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	1.68 ug/L	53552	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	90
2	p-Cymen-7-ol	150	C10H14O	000536-60-7	81
3	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	76
4	p-Cymen-7-ol	150	C10H14O	000536-60-7	76
5	2-Methyladamantane	150	C11H18	000700-56-1	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081319\
Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

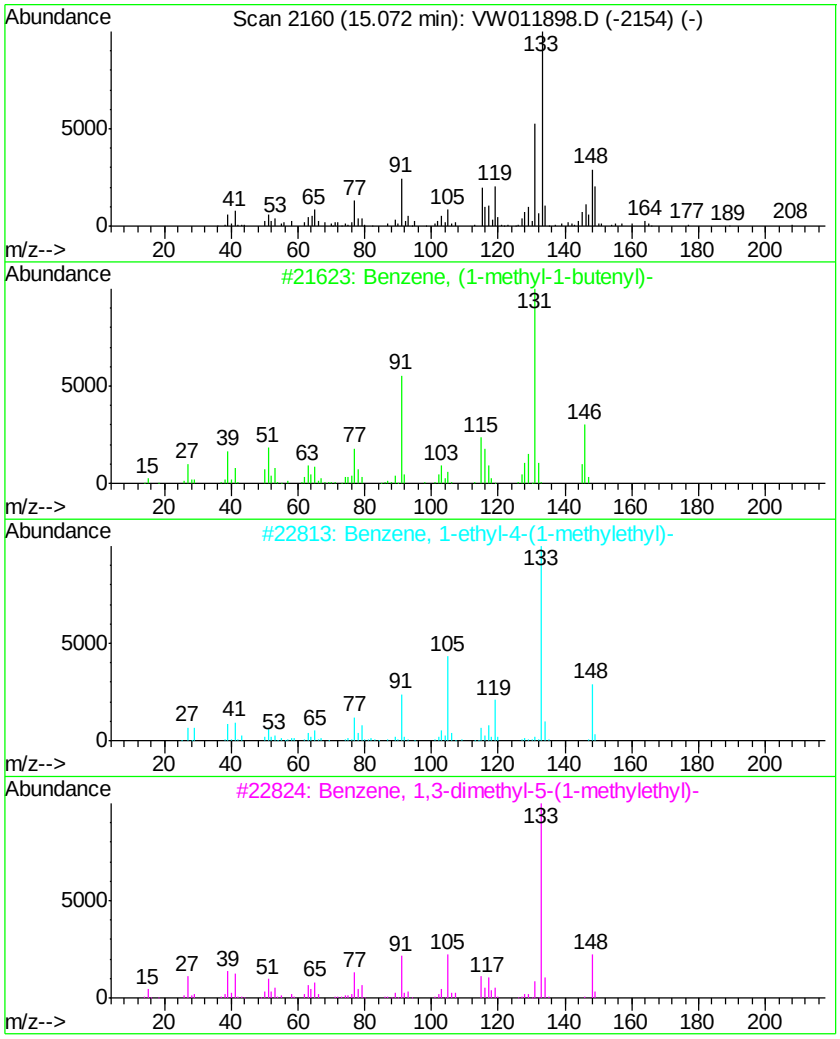
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

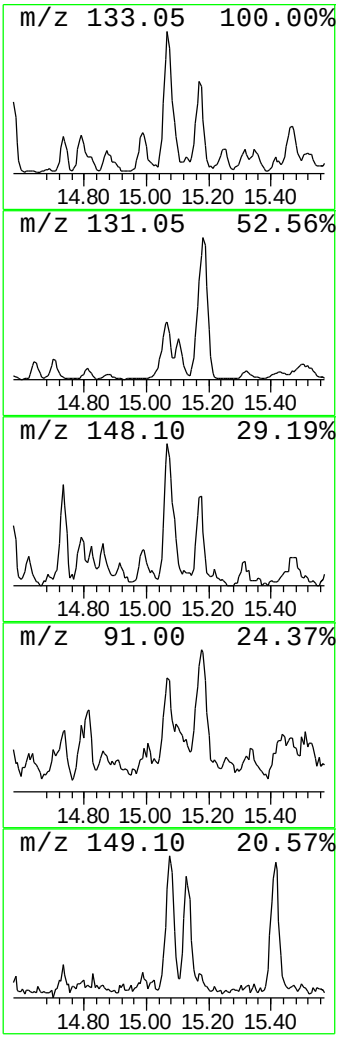
****

Peak Number 6 Benzene, (1-methyl-1-butenyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	3.32 ug/L	105898	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	53
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	49





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Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

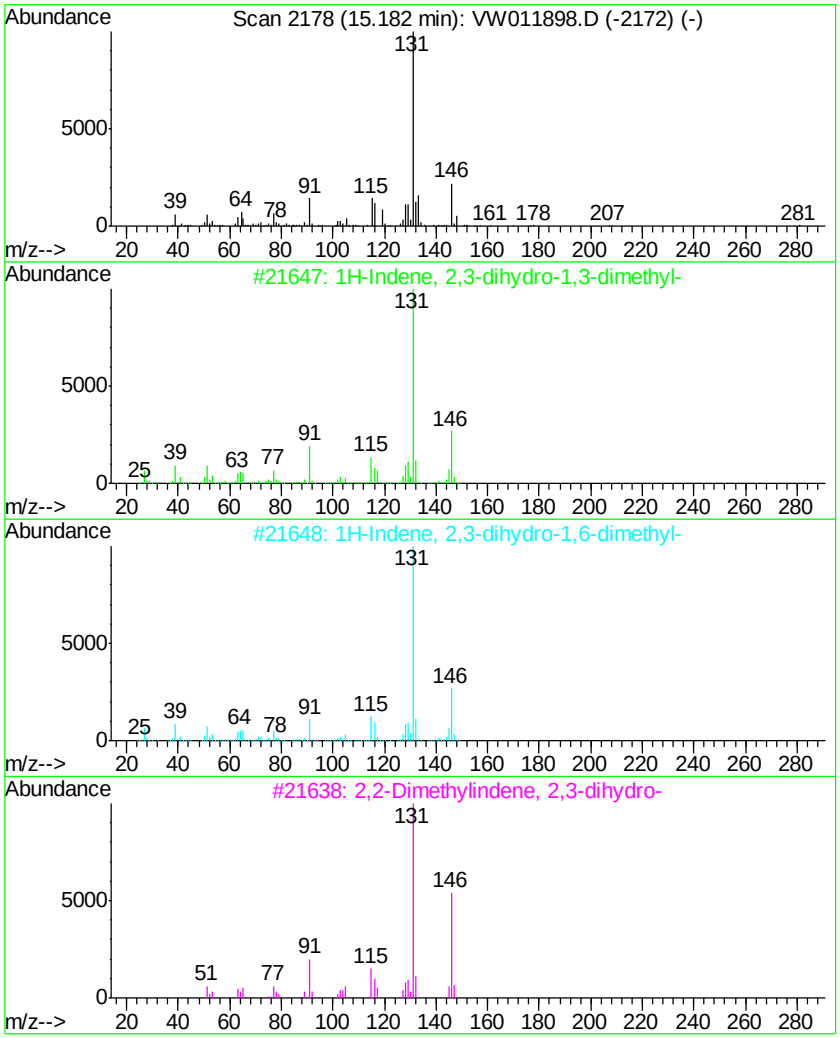
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

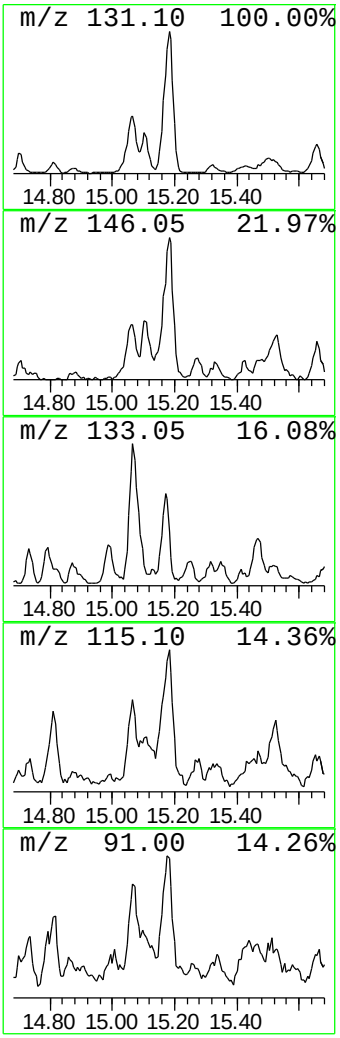
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	5.47 ug/L	174688	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76





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Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

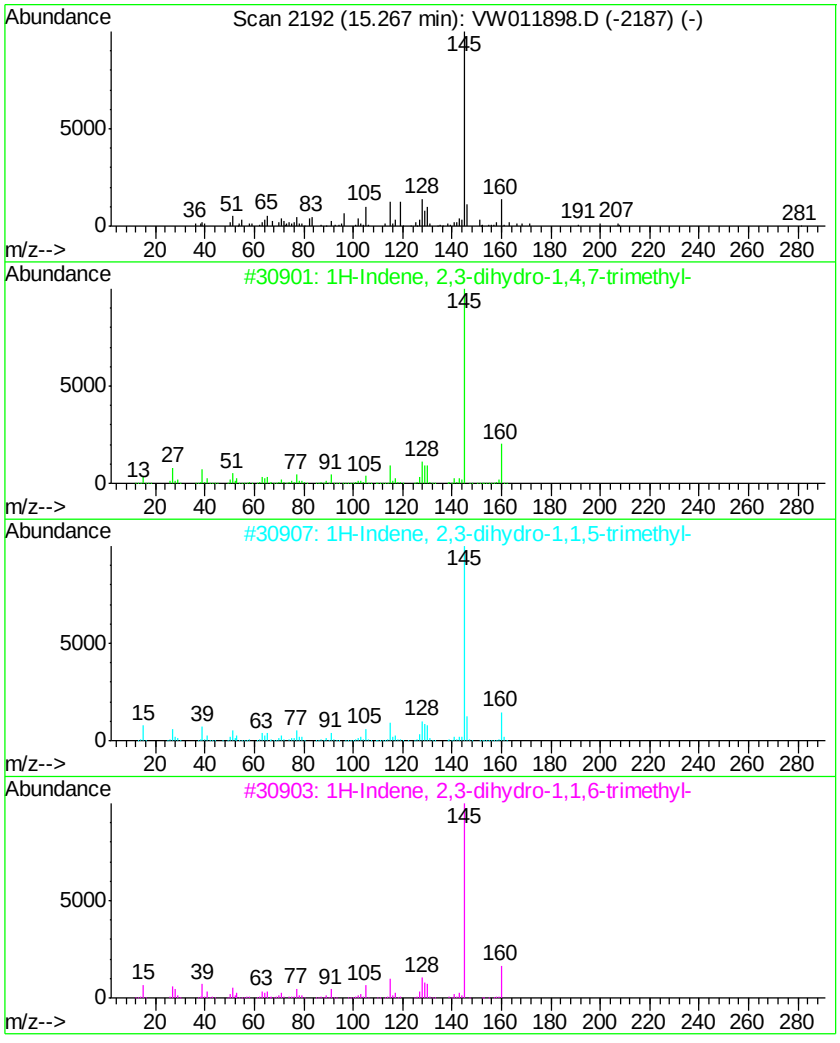
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

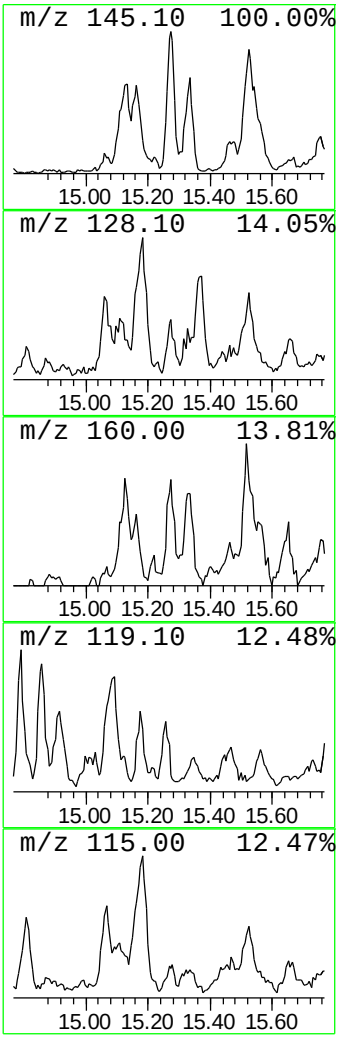
****

Peak Number 8 1H-Indene, 2,3-dihydro-1,4,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	1.27 ug/L	40474	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	93
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	90
3	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	87
4	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	87
5	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	87





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Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

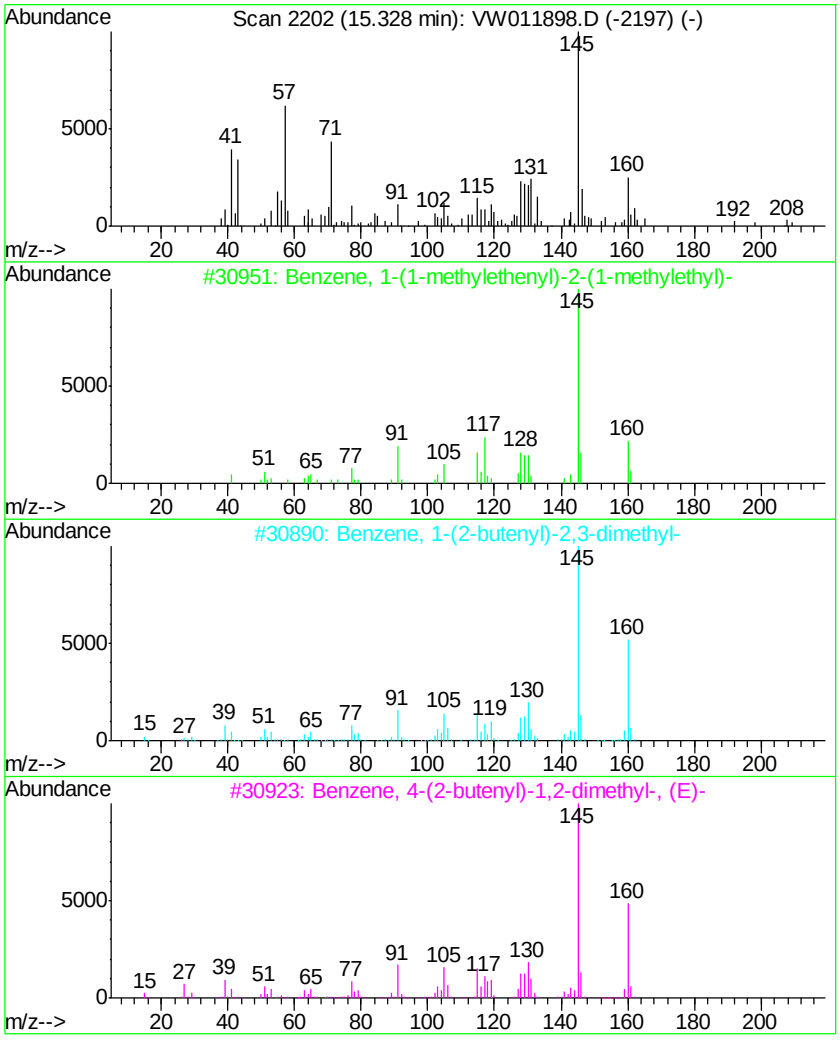
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

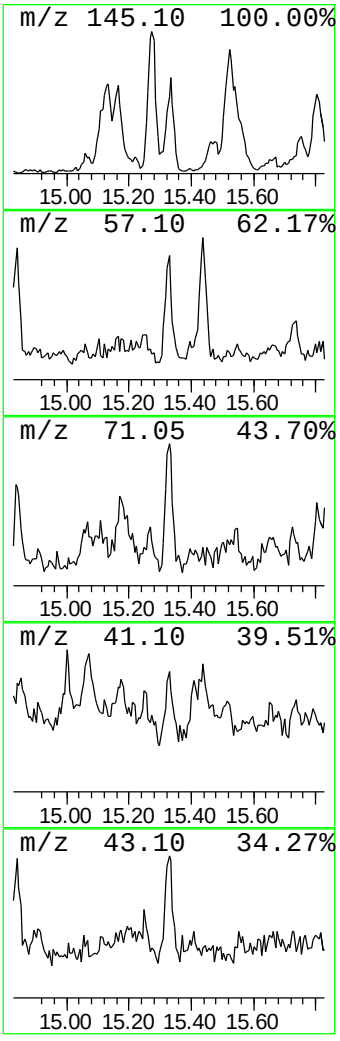
****

Peak Number 9 Benzene, 1-(1-methylethenyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	1.59 ug/L	50673	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	62
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	60
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	58
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	53
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49





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Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

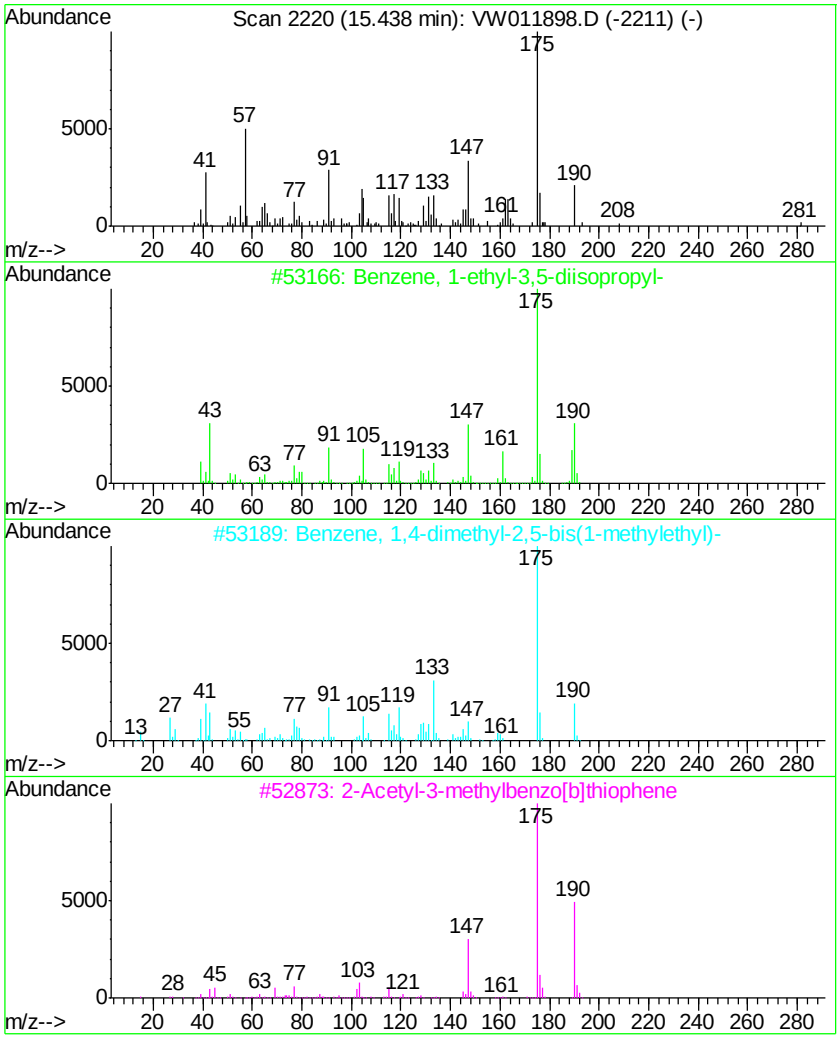
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

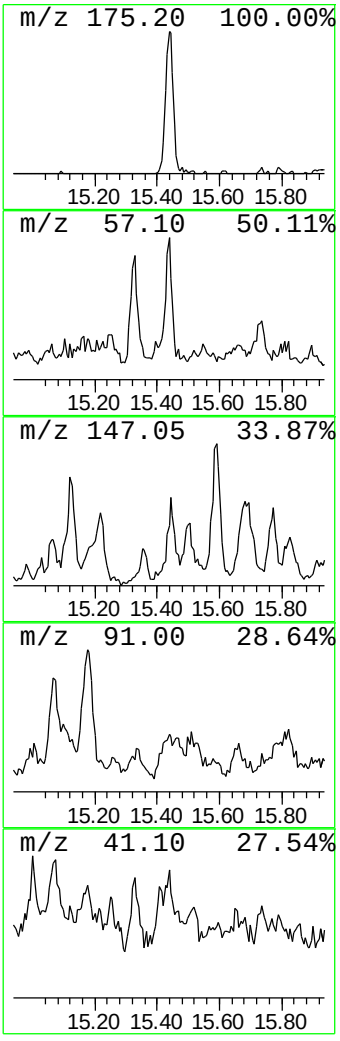
****

Peak Number 10 Benzene, 1-ethyl-3,5-diisop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	3.29 ug/L	105129	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-diisopropyl-	190	C14H22	015181-13-2	90
2	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	64
3	2-Acetyl-3-methylbenzo[b]thiophene	190	C11H10OS	018781-31-2	52
4	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	50
5	[1,8]Naphthyridin-2(1H)-one, 7-a...	175	C9H9N3O	1000351-50-6	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081319\
Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

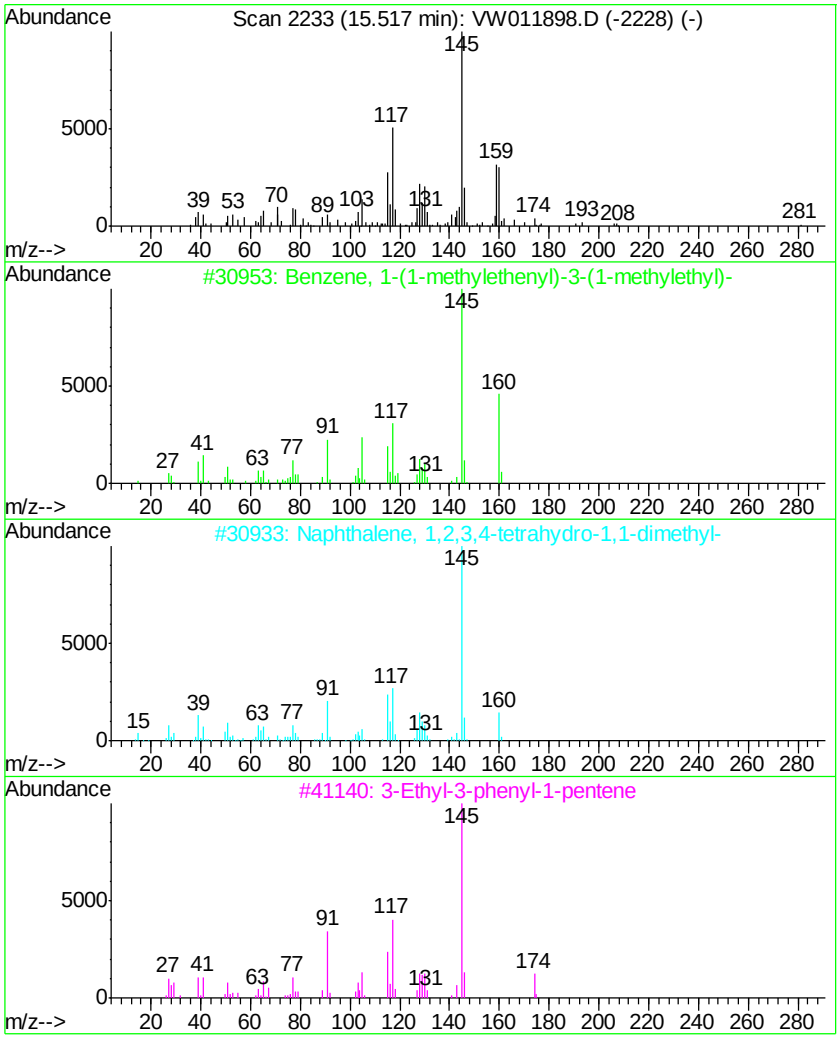
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

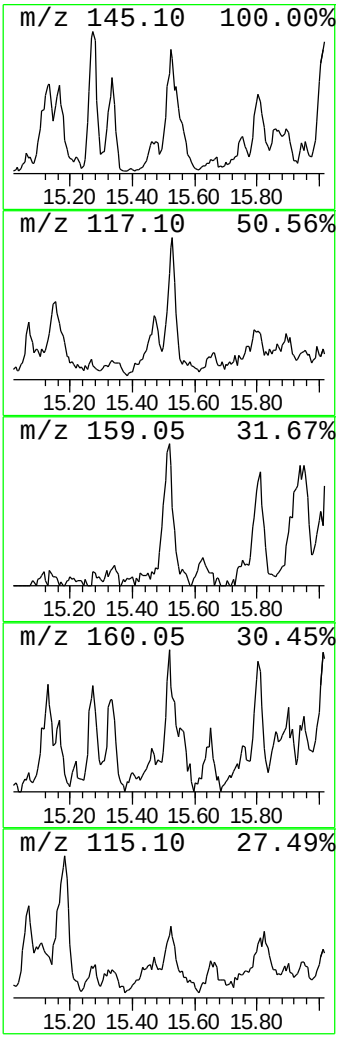
****

Peak Number 11 Benzene, 1-(1-methylethenyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	2.38 ug/L	76100	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	64
3	3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	62
5	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	58





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Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

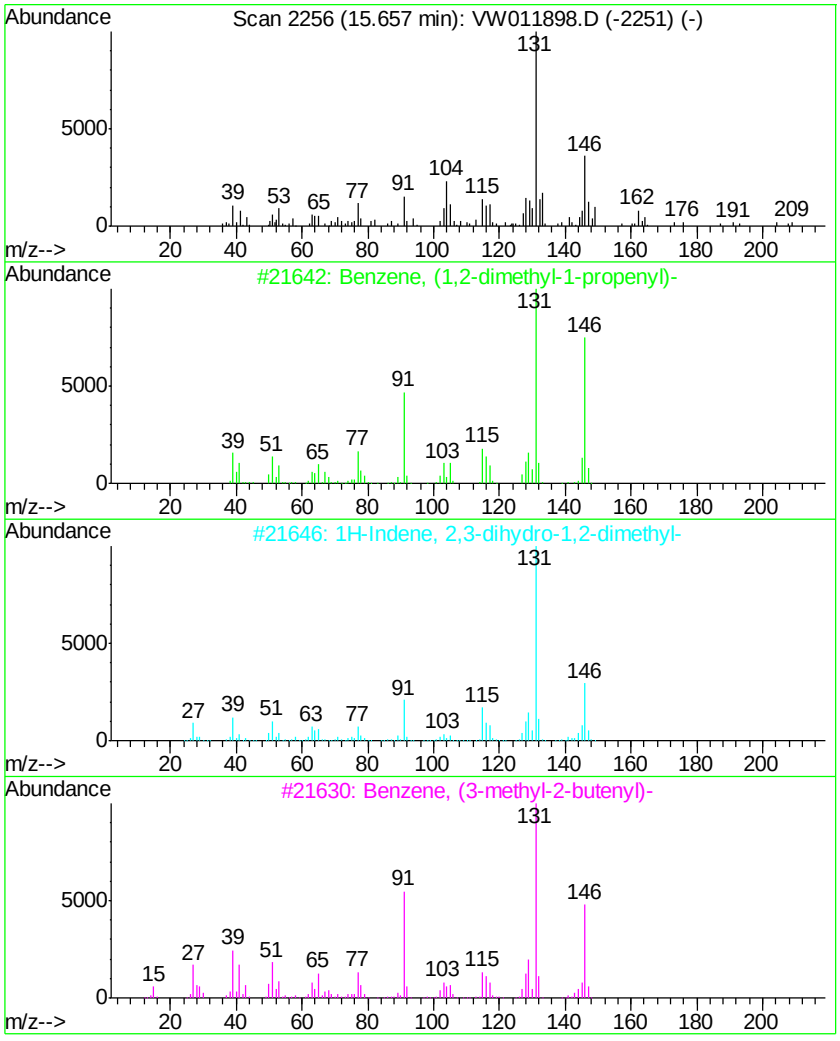
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

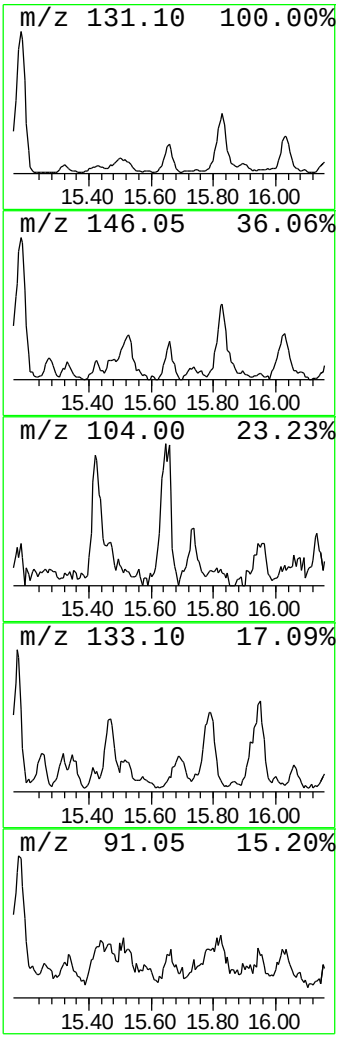
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	1.45 ug/L	46417	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	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	95
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	92
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081319\
Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

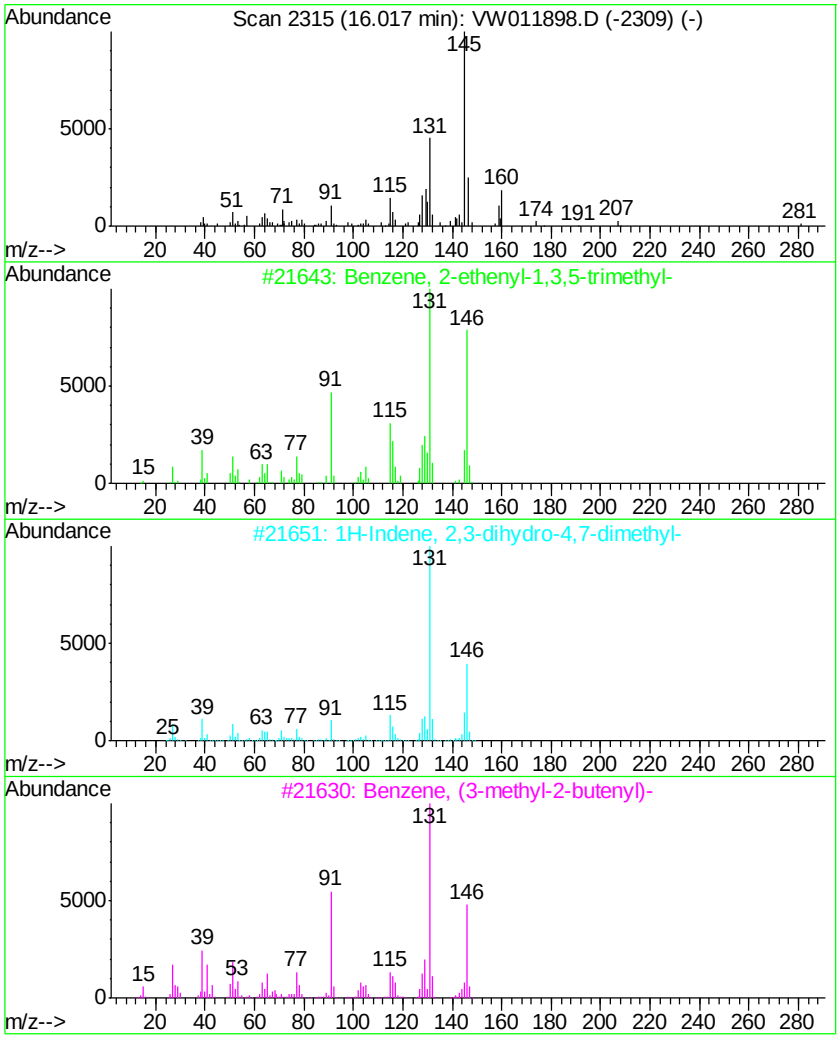
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

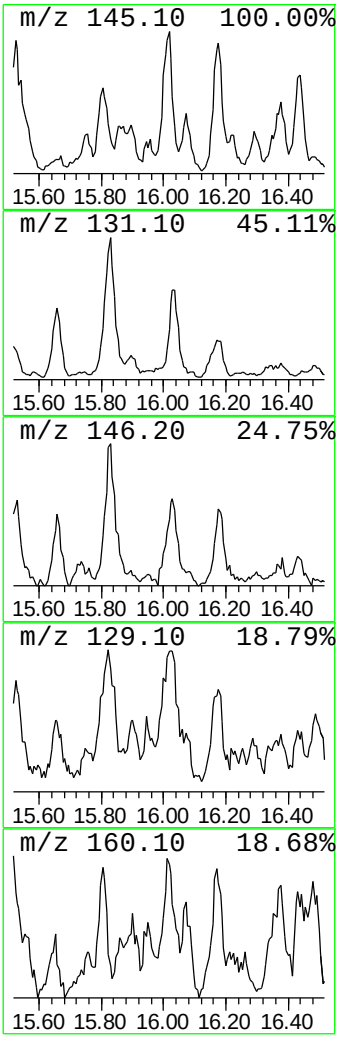
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	1.94 ug/L	61790	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	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46





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Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

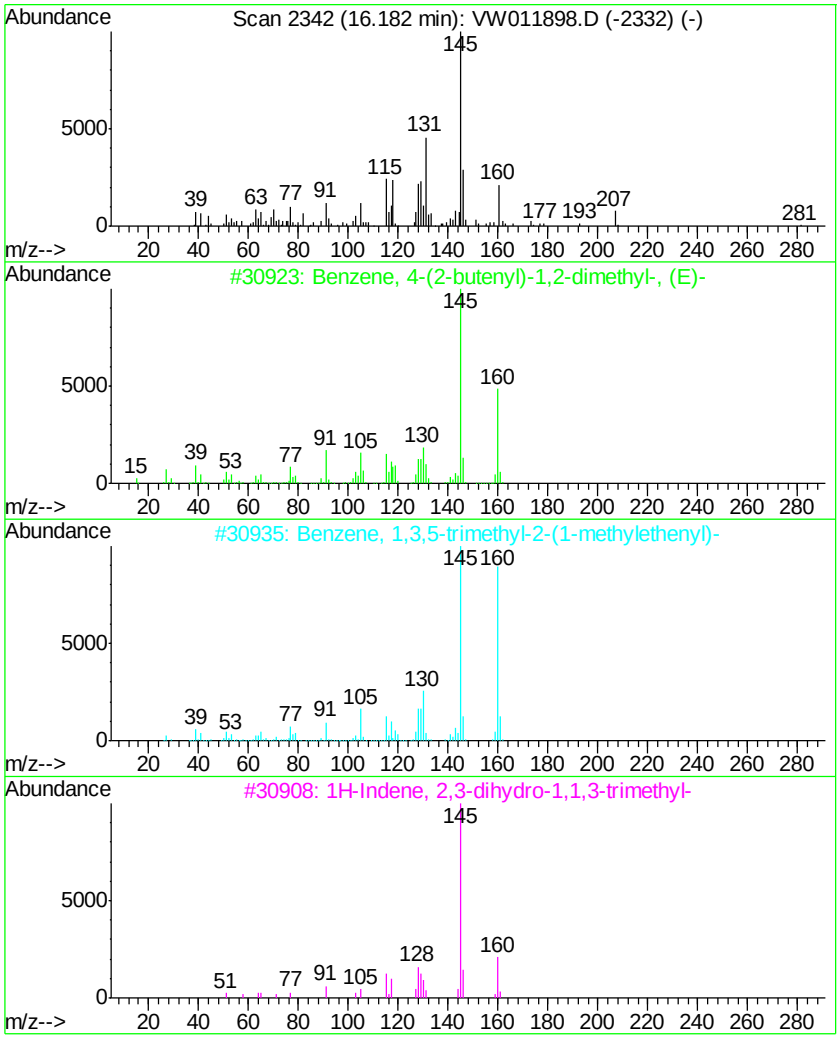
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

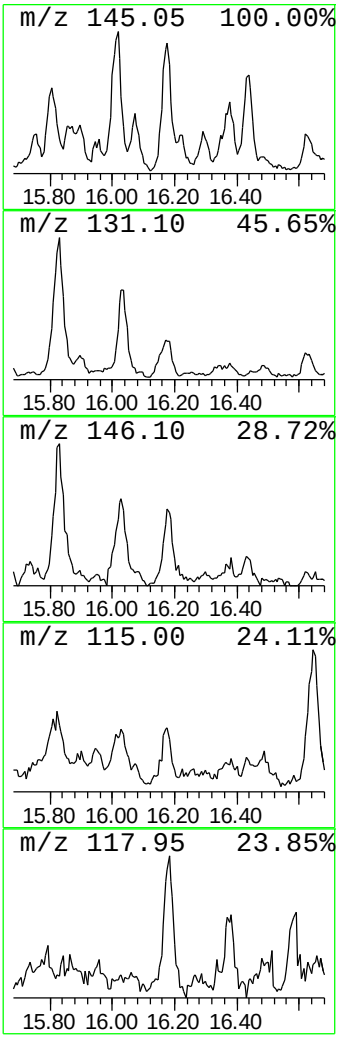
****

Peak Number 14 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	2.43 ug/L	77512	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	81
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	76
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	70
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	68





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Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

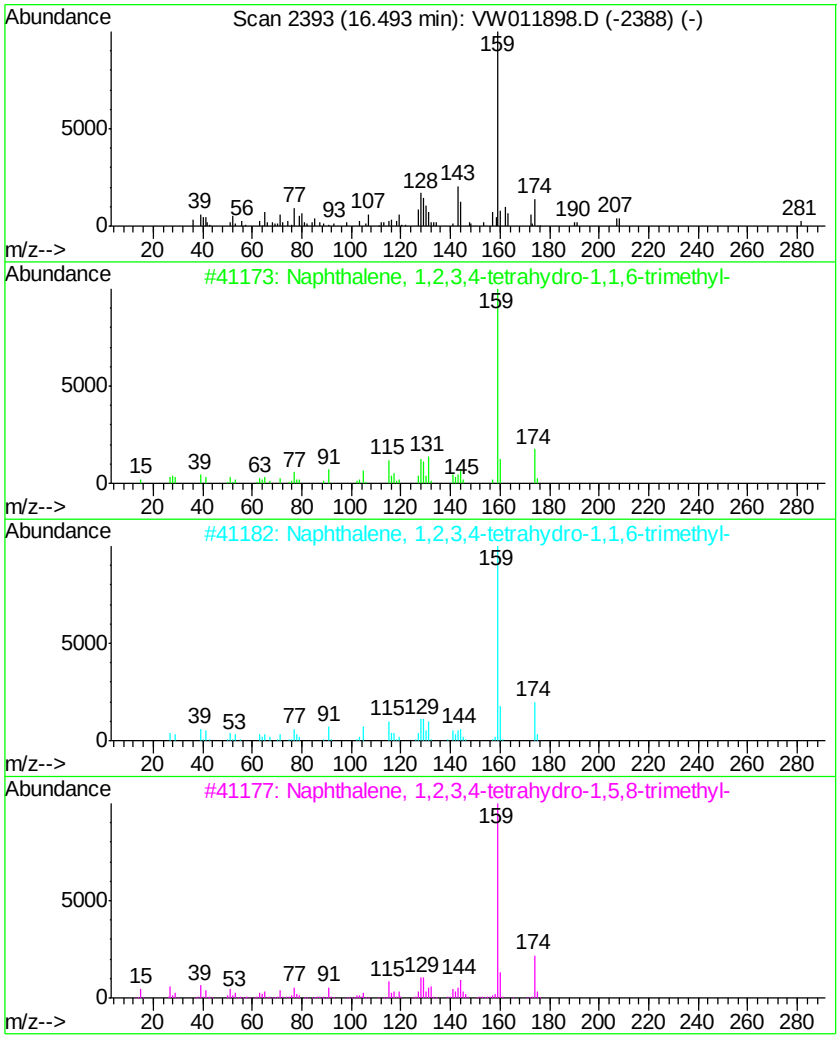
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

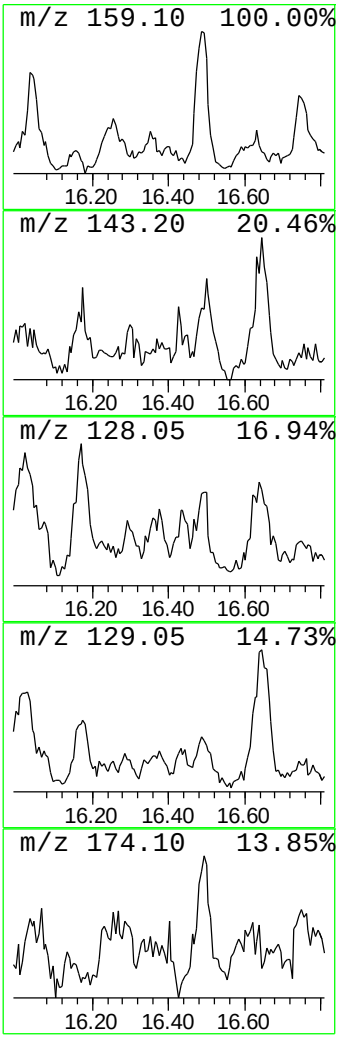
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	1.69 ug/L	53922	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	78
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	78
5	1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081319\
Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC2

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

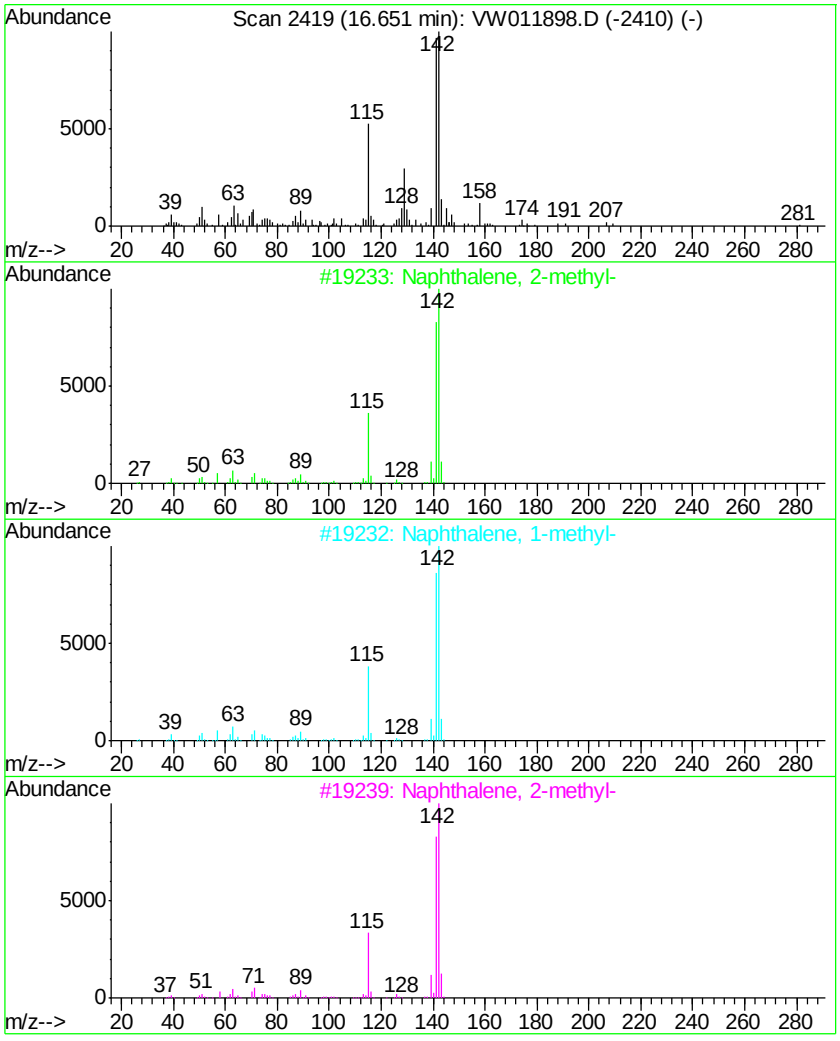
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

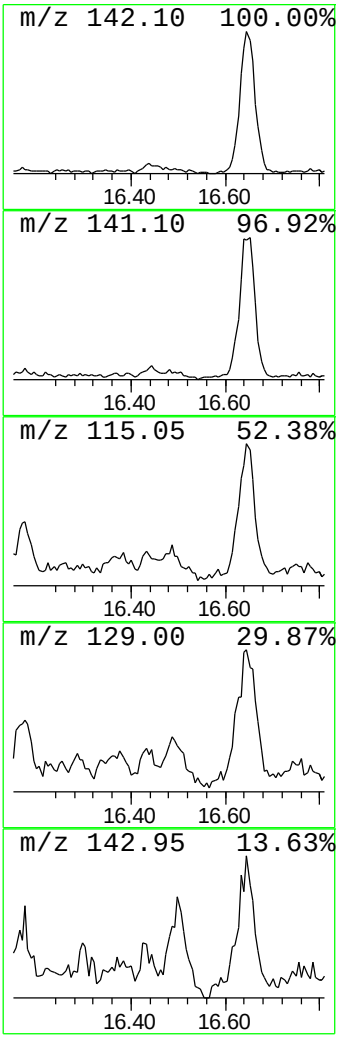
****

Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	3.26 ug/L	103986	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	89
4	Benzocycloheptatriene	142	C11H10	000264-09-5	89
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081319\
Data File : VW011898.D
Acq On : 13 Aug 2019 16:34
Operator : SY/VA
Sample : K4215-11
Misc : 3.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 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	2.15	1.3	ug/L	46569	1	8.84	915118	25.0
Naphthalene, deca...	14.55	2.0	ug/L	65025	3	13.56	798248	25.0
Benzene, 2-etheny...	14.81	2.6	ug/L	84049	3	13.56	798248	25.0
p-Cymen-7-ol	15.01	1.7	ug/L	53552	3	13.56	798248	25.0
Benzene, (1-methy...	15.07	3.3	ug/L	105898	3	13.56	798248	25.0
1H-Indene, 2,3-di...	15.18	5.5	ug/L	174688	3	13.56	798248	25.0
1H-Indene, 2,3-di...	15.27	1.3	ug/L	40474	3	13.56	798248	25.0
Benzene, 1-(1-met...	15.33	1.6	ug/L	50673	3	13.56	798248	25.0
Benzene, 1-ethyl-...	15.44	3.3	ug/L	105129	3	13.56	798248	25.0
Benzene, 1-(1-met...	15.52	2.4	ug/L	76100	3	13.56	798248	25.0
Benzene, (1,2-dim...	15.66	1.5	ug/L	46417	3	13.56	798248	25.0
Benzene, 2-etheny...	16.02	1.9	ug/L	61790	3	13.56	798248	25.0
Benzene, 4-(2-but...	16.18	2.4	ug/L	77512	3	13.56	798248	25.0
Naphthalene, 1,2,...	16.49	1.7	ug/L	53922	3	13.56	798248	25.0
Naphthalene, 1-me...	16.65	3.3	ug/L	103986	3	13.56	798248	25.0