LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051920\
Data File : VY002717.D
Acq On : 19 May 2020 12:40
Operator : SY/MD
Sample : L2665-02
Misc : 5.03G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 0375-AMENDED-COMP-MP-A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_Y\METHODS\82Y051520S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.779	475	499	524	rBV	914041	4090165	15.60%	0.912%
2	5.249	560	576	601	rBV	746029	2728681	10.41%	0.608%
3	5.761	644	660	679	rBV	868195	2734451	10.43%	0.609%
4	6.700	802	814	821	rVV	287659	914999	3.49%	0.204%
5	6.803	821	831	851	rVV	1260346	4031670	15.38%	0.899%
6	7.779	970	991	1001	rBV6	2832600	9203415	35.11%	2.051%
7	7.876	1001	1007	1018	rVB	1323671	3350754	12.78%	0.747%
8	8.004	1018	1028	1035	rBV	3155862	7604230	29.01%	1.695%
9	8.059	1035	1037	1046	rVB	590797	1127892	4.30%	0.251%
10	8.279	1062	1073	1080	rBV2	1966086	4846987	18.49%	1.080%
11	8.352	1080	1085	1090	rVV	1367957	2879151	10.98%	0.642%
12	8.419	1090	1096	1108	rVB	3339902	7700736	29.37%	1.716%
13	8.553	1108	1118	1130	rVB2	415400	917796	3.50%	0.205%
14	8.693	1130	1141	1147	rBV2	1023967	2375255	9.06%	0.529%
15	9.187	1206	1222	1228	rBV2	10335233	26216616	100.00%	5.843%
16	9.248	1228	1232	1240	rVB	1166964	2173595	8.29%	0.484%
17	9.370	1240	1252	1258	rBV	1502860	3016306	11.51%	0.672%
18	9.467	1258	1268	1275	rVB	3360477	6977318	26.61%	1.555%
19	9.608	1284	1291	1302	rVB2	3892439	7344057	28.01%	1.637%
20	9.711	1302	1308	1312	rBV2	650227	1151129	4.39%	0.257%
21	9.760	1312	1316	1320	rBV2	912574	1500029	5.72%	0.334%
22	9.821	1320	1326	1330	rBV	4367028	8041533	30.67%	1.792%
23	9.961	1338	1349	1360	rVB3	3048238	8853219	33.77%	1.973%
24	10.065	1360	1366	1370	rBV3	1093841	2417723	9.22%	0.539%
25	10.175	1378	1384	1389	rBV	7430553	14409166	54.96%	3.212%
26	10.217	1389	1391	1398	rVB	2402048	3282469	12.52%	0.732%
27	10.303	1398	1405	1408	rBV	1225224	2174000	8.29%	0.485%
28	10.370	1408	1416	1423	rVB5	3553135	9846856	37.56%	2.195%
29	10.479	1423	1434	1437	rBV3	1691629	3568527	13.61%	0.795%
30	10.522	1437	1441	1449	rVB	3879263	6611106	25.22%	1.474%
31	10.614	1449	1456	1462	rBV3	3098494	7150494	27.27%	1.594%
32	10.711	1468	1472	1477	rVB	1298945	2093051	7.98%	0.467%
33	10.803	1481	1487	1492	rVB	4843249	7588203	28.94%	1.691%
34	10.906	1492	1504	1510	rBV4	2068663	6176283	23.56%	1.377%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051920\
Data File : VY002717.D
Acq On : 19 May 2020 12:40
Operator : SY/MD
Sample : L2665-02
Misc : 5.03G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 0375-AMENDED-COMP-MP-A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_Y\METHODS\82Y051520S.M
Title : SW846 8260

35	10.967	1510	1514	1517	rBV3	1550274	2475188	9.44%	0.552%
36	11.004	1517	1520	1522	rVV2	1366892	2105460	8.03%	0.469%
37	11.034	1522	1525	1529	rVV	4785024	7513187	28.66%	1.675%
38	11.089	1529	1534	1540	rVV	8512594	14792978	56.43%	3.297%
39	11.144	1540	1543	1547	rVB2	1259345	1642283	6.26%	0.366%
40	11.199	1547	1552	1557	rVB3	3235934	6088471	23.22%	1.357%
41	11.290	1557	1567	1577	rVB5	3731282	11100748	42.34%	2.474%
42	11.382	1577	1582	1587	rBV	4220152	7266186	27.72%	1.620%
43	11.492	1596	1600	1603	rBV2	956550	1548359	5.91%	0.345%
44	11.528	1603	1606	1610	rVV2	788241	1232526	4.70%	0.275%
45	11.589	1611	1616	1619	rVV2	1101653	2055753	7.84%	0.458%
46	11.626	1619	1622	1625	rVV	1707143	2412467	9.20%	0.538%
47	11.674	1625	1630	1635	rVV5	2188884	4841451	18.47%	1.079%
48	11.735	1635	1640	1644	rVV	3301012	6150376	23.46%	1.371%
49	11.778	1644	1647	1652	rVB	2583551	4248040	16.20%	0.947%
50	11.839	1652	1657	1661	rBV3	994082	1929952	7.36%	0.430%
51	11.894	1661	1666	1669	rBV4	635768	1047067	3.99%	0.233%
52	11.937	1669	1673	1677	rVB3	743643	1177267	4.49%	0.262%
53	12.004	1677	1684	1691	rBV5	3937251	9586379	36.57%	2.137%
54	12.126	1700	1704	1708	rVB	4195191	5523759	21.07%	1.231%
55	12.205	1712	1717	1719	rBV2	3477864	5527408	21.08%	1.232%
56	12.241	1719	1723	1728	rVB3	3683663	6798971	25.93%	1.515%
57	12.327	1733	1737	1741	rBV3	785359	1114297	4.25%	0.248%
58	12.375	1741	1745	1749	rBV5	1005834	1866751	7.12%	0.416%
59	12.485	1759	1763	1766	rBV4	742710	1220237	4.65%	0.272%
60	12.522	1766	1769	1772	rVV4	816269	1035594	3.95%	0.231%
61	12.564	1772	1776	1780	rVB4	686926	1132567	4.32%	0.252%
62	12.644	1785	1789	1797	rVB3	3473913	6610200	25.21%	1.473%
63	12.729	1797	1803	1807	rBV5	1446373	3319385	12.66%	0.740%
64	12.808	1807	1816	1821	rVV5	3521439	8083290	30.83%	1.802%
65	12.857	1821	1824	1830	rVB3	1501307	2457845	9.38%	0.548%
66	12.949	1830	1839	1842	rBV5	1496954	3362626	12.83%	0.749%
67	13.040	1850	1854	1861	rVB	4216375	6372374	24.31%	1.420%
68	13.119	1861	1867	1872	rBV	3430220	5870679	22.39%	1.308%
69	13.168	1872	1875	1880	rVB3	621525	833180	3.18%	0.186%
70	13.223	1881	1884	1886	rBV	792405	1060351	4.04%	0.236%
71	13.320	1892	1900	1904	rBV4	2944425	7355206	28.06%	1.639%

LSC Area Percent Report

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Acq On : 19 May 2020 12:40
Operator : SY/MD
Sample : L2665-02
Misc : 5.03G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 0375-AMENDED-COMP-MP-A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_Y\METHODS\82Y051520S.M
Title : SW846 8260

72	13.363	1904	1907	1911	rVV3	1739409	2959129	11.29%	0.660%
73	13.430	1915	1918	1919	rVV2	753904	802461	3.06%	0.179%
74	13.455	1919	1922	1927	rVB	2121018	3079228	11.75%	0.686%
75	13.570	1937	1941	1943	rBV3	746770	1102306	4.20%	0.246%
76	13.668	1953	1957	1965	rBV4	1399554	2743246	10.46%	0.611%
77	13.747	1965	1970	1975	rBV2	3255842	5773313	22.02%	1.287%
78	13.796	1975	1978	1980	rBV2	749380	933428	3.56%	0.208%
79	13.918	1995	1998	2003	rVB4	1431620	1937847	7.39%	0.432%
80	13.973	2003	2007	2011	rVB	1907780	2511083	9.58%	0.560%
81	14.015	2011	2014	2019	rVB3	1651233	2441020	9.31%	0.544%
82	14.082	2019	2025	2030	rBV2	2899595	4839952	18.46%	1.079%
83	14.143	2030	2035	2041	rBV5	1103668	2544174	9.70%	0.567%
84	14.259	2041	2054	2060	rBV9	3123086	11567251	44.12%	2.578%
85	14.381	2070	2074	2077	rBV3	1876813	2493714	9.51%	0.556%
86	14.424	2077	2081	2085	rVV3	1808514	2484289	9.48%	0.554%
87	14.570	2101	2105	2109	rBV4	822361	1837383	7.01%	0.410%
88	14.613	2109	2112	2116	rVV	1996478	2678678	10.22%	0.597%
89	14.680	2117	2123	2128	rVV2	4752480	9990069	38.11%	2.227%
90	14.735	2128	2132	2139	rVB2	4919873	7885209	30.08%	1.757%
91	14.948	2162	2167	2170	rVB2	2074957	2962914	11.30%	0.660%
92	15.058	2179	2185	2189	rVB3	2087145	4114504	15.69%	0.917%
93	15.216	2205	2211	2219	rBV3	3608193	7475337	28.51%	1.666%
94	15.344	2227	2232	2236	rBV4	1257967	2455014	9.36%	0.547%
95	15.442	2244	2248	2255	rVB6	947097	2336084	8.91%	0.521%
96	15.546	2256	2265	2270	rVV8	913370	3037384	11.59%	0.677%
97	15.613	2271	2276	2281	rVB4	1442043	2630675	10.03%	0.586%
98	16.033	2339	2345	2350	rVB3	830553	1642523	6.27%	0.366%
99	16.296	2382	2388	2403	rVB	1648576	4070418	15.53%	0.907%
100	16.491	2413	2420	2433	rVB2	1347126	3481294	13.28%	0.776%

Sum of corrected areas: 448666647

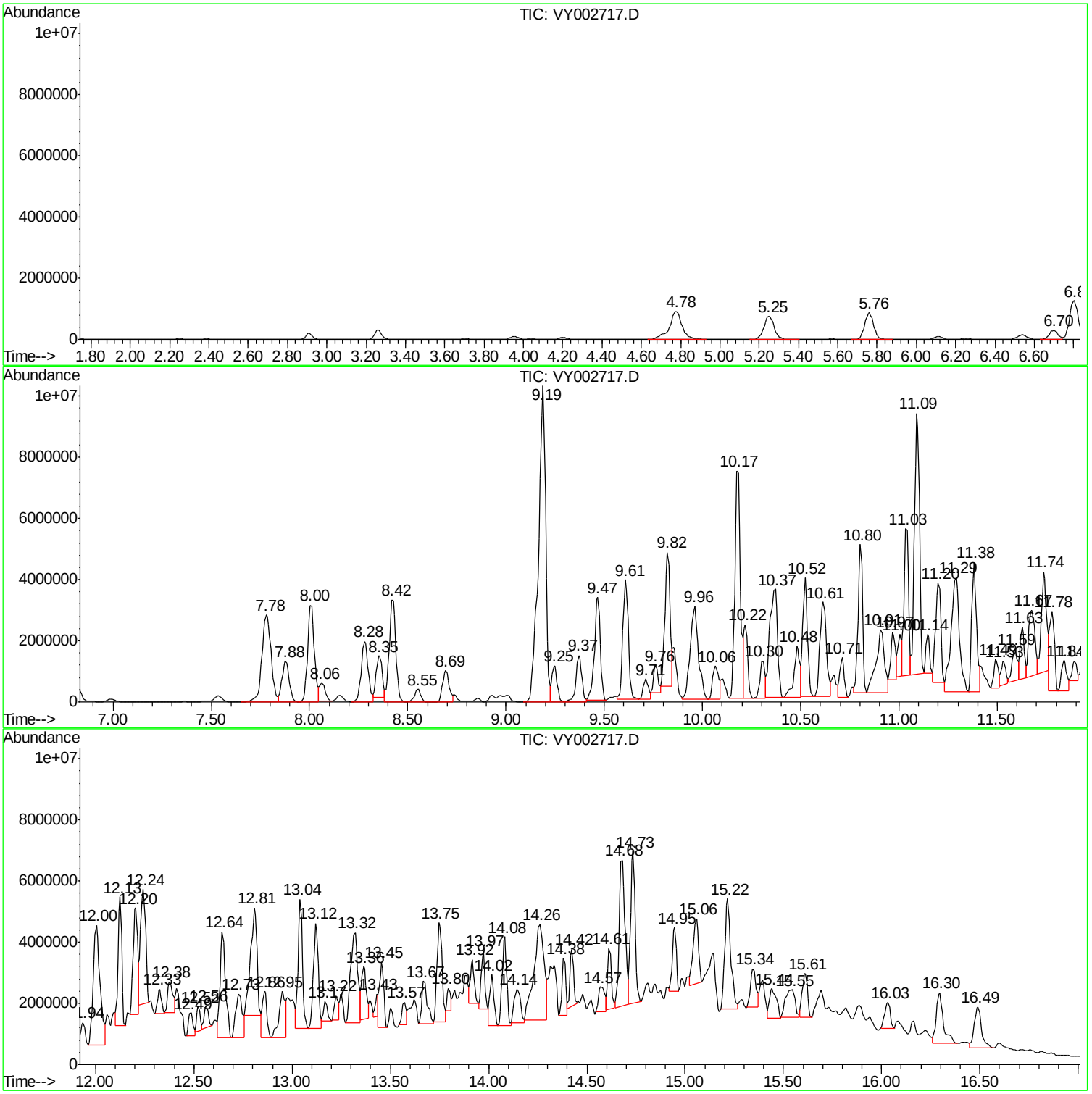
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051920\
Data File : VY002717.D
Acq On : 19 May 2020 12:40
Operator : SY/MD
Sample : L2665-02
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
0375-AMENDED-COMP-MP-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051920\
Data File : VY002717.D
Acq On : 19 May 2020 12:40
Operator : SY/MD
Sample : L2665-02
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 0375-AMENDED-COMP-MP-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260

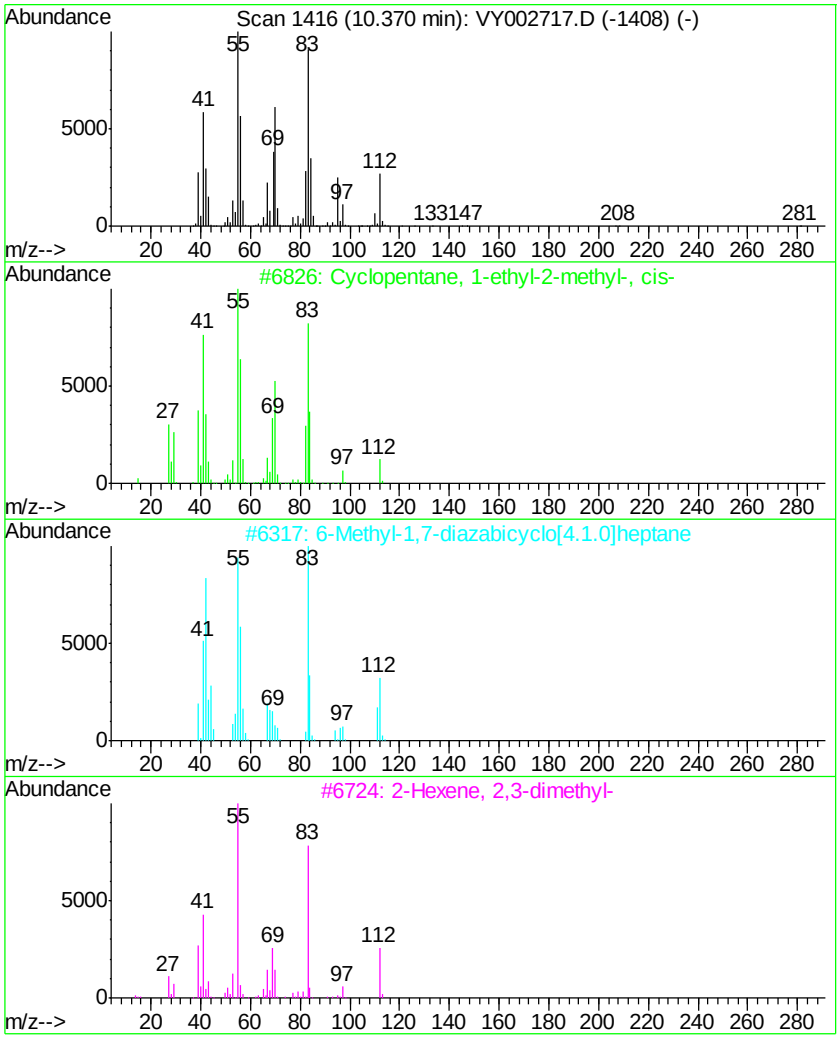
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

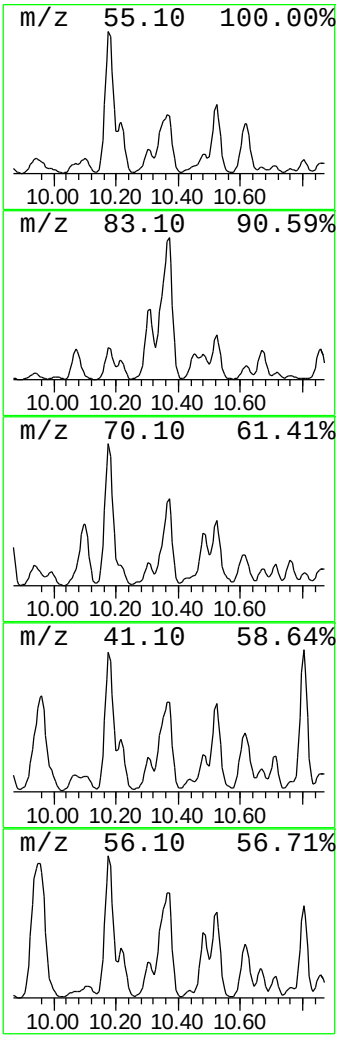
****

Peak Number 1 Cyclopentane, 1-ethyl-2-met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	317.98 ug/l	9846860	Chlorobenzene-d5	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	80
2	6-Methyl-1,7-diazabicyclo[4.1.0]...	112	C6H12N2	108602-71-7	58
3	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	55
4	Cyclooctane	112	C8H16	000292-64-8	55
5	2-Octene, (Z)-	112	C8H16	007642-04-8	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051920\
Data File : VY002717.D
Acq On : 19 May 2020 12:40
Operator : SY/MD
Sample : L2665-02
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 0375-AMENDED-COMP-MP-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260

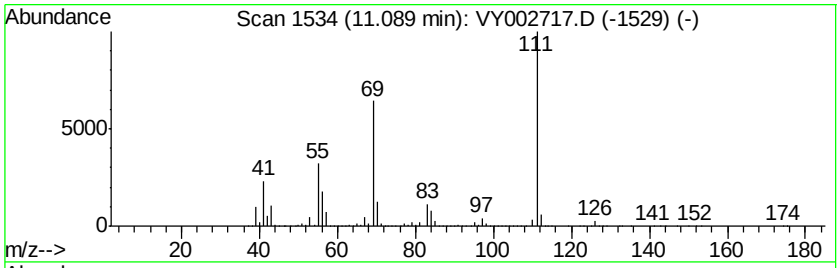
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

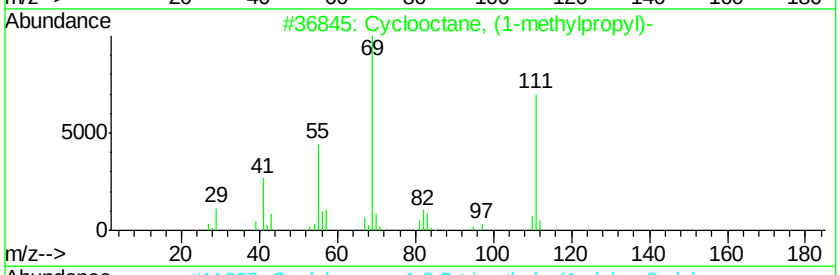
****

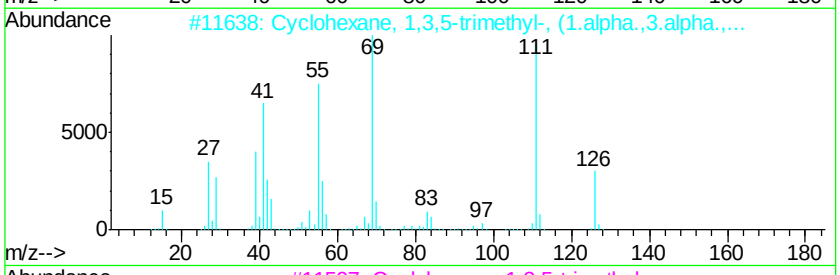
Peak Number 2 Cyclooctane, (1-methylpropyl)- Concentration Rank 4

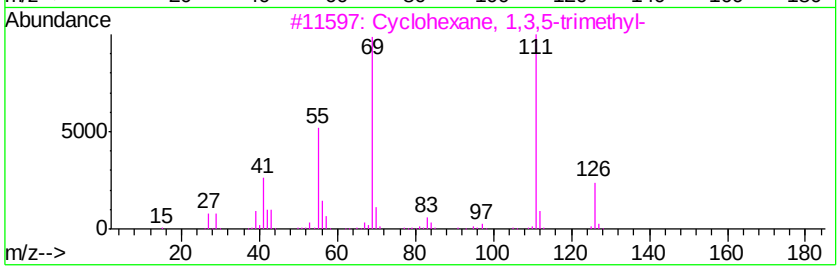
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	477.70 ug/l	14793000	Chlorobenzene-d5	11.49

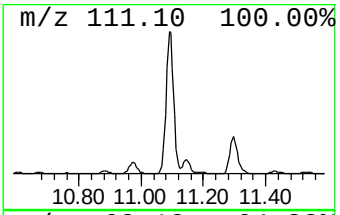
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	64
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	56
4	3-Aminopyrazine 1-oxide	111	C4H5N3O	006863-77-0	52
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	50

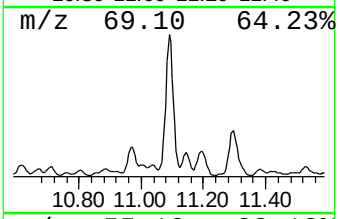


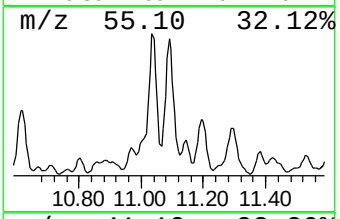


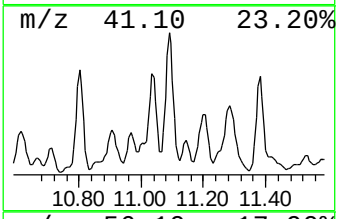


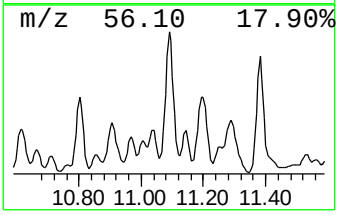












Library Search Compound Report

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Instrument : MSVOA_Y
ClientSampleId : 0375-AMENDED-COMP-MP-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260

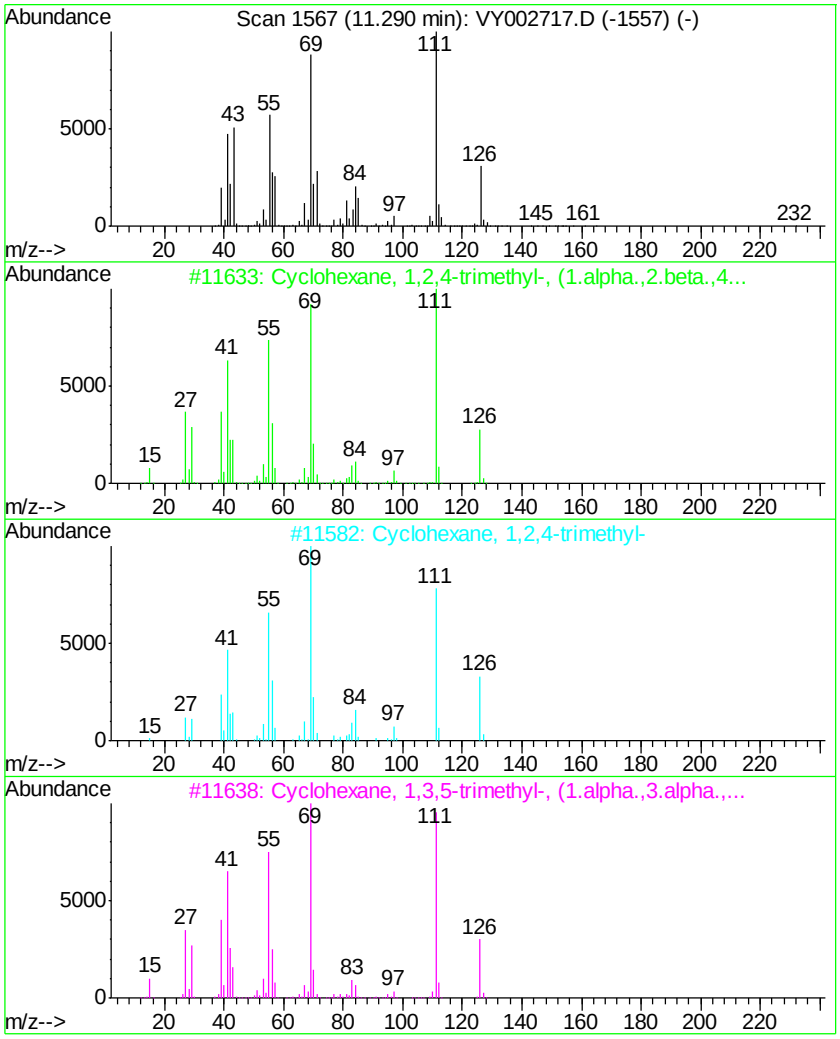
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

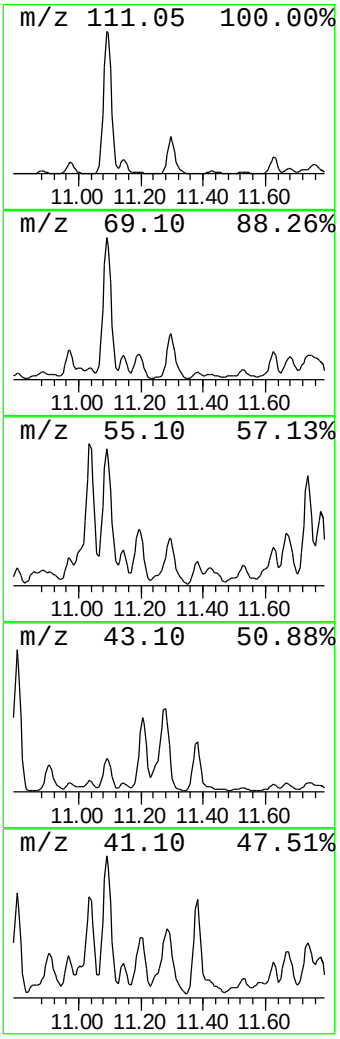
****

Peak Number 3 Cyclohexane, 1,2,4-trimethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	358.47 ug/l	11100700	Chlorobenzene-d5	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	95
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	81
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	62
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051920\
Data File : VY002717.D
Acq On : 19 May 2020 12:40
Operator : SY/MD
Sample : L2665-02
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 0375-AMENDED-COMP-MP-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260

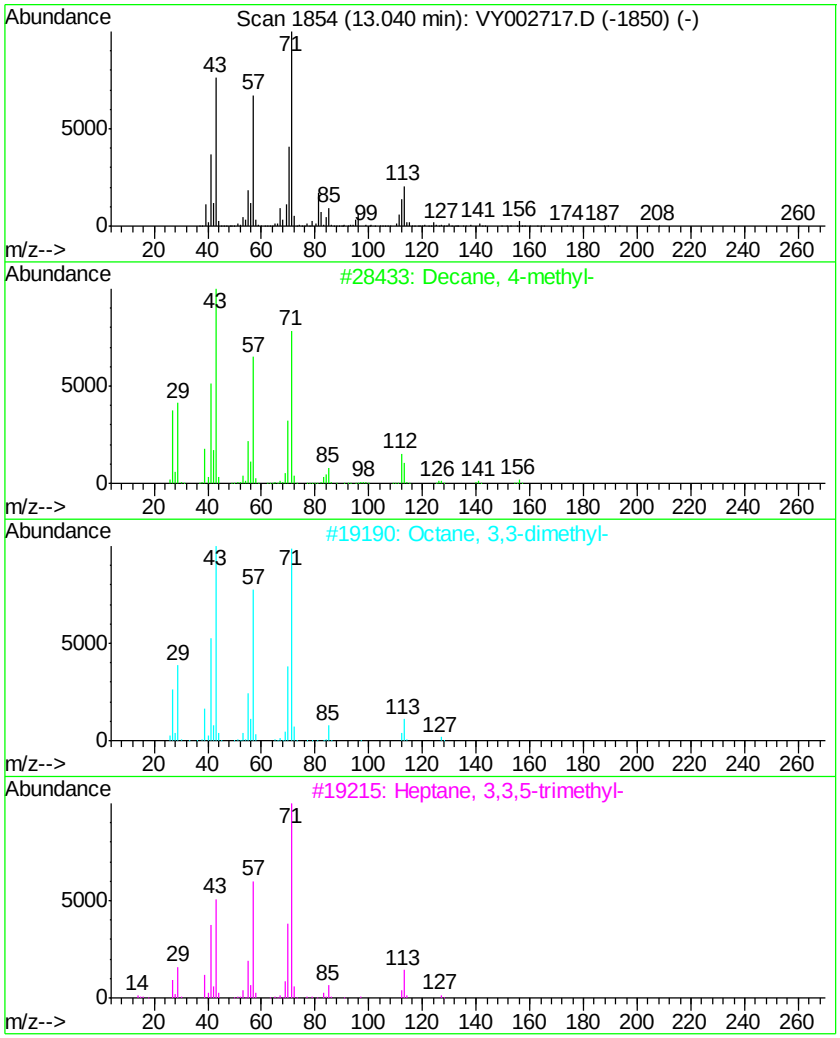
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

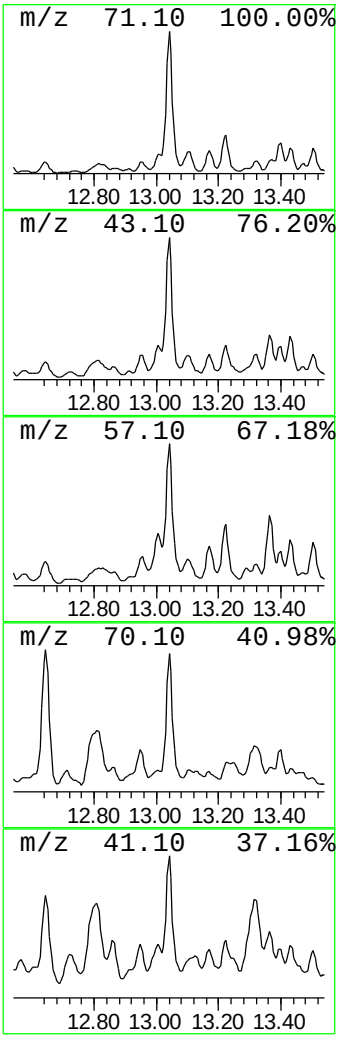
****

Peak Number 4 Decane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	397.05 ug/l	6372370	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
4	Octane, 4-bromo-	192	C8H17Br	000999-06-4	47
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051920\
Data File : VY002717.D
Acq On : 19 May 2020 12:40
Operator : SY/MD
Sample : L2665-02
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 0375-AMENDED-COMP-MP-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260

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

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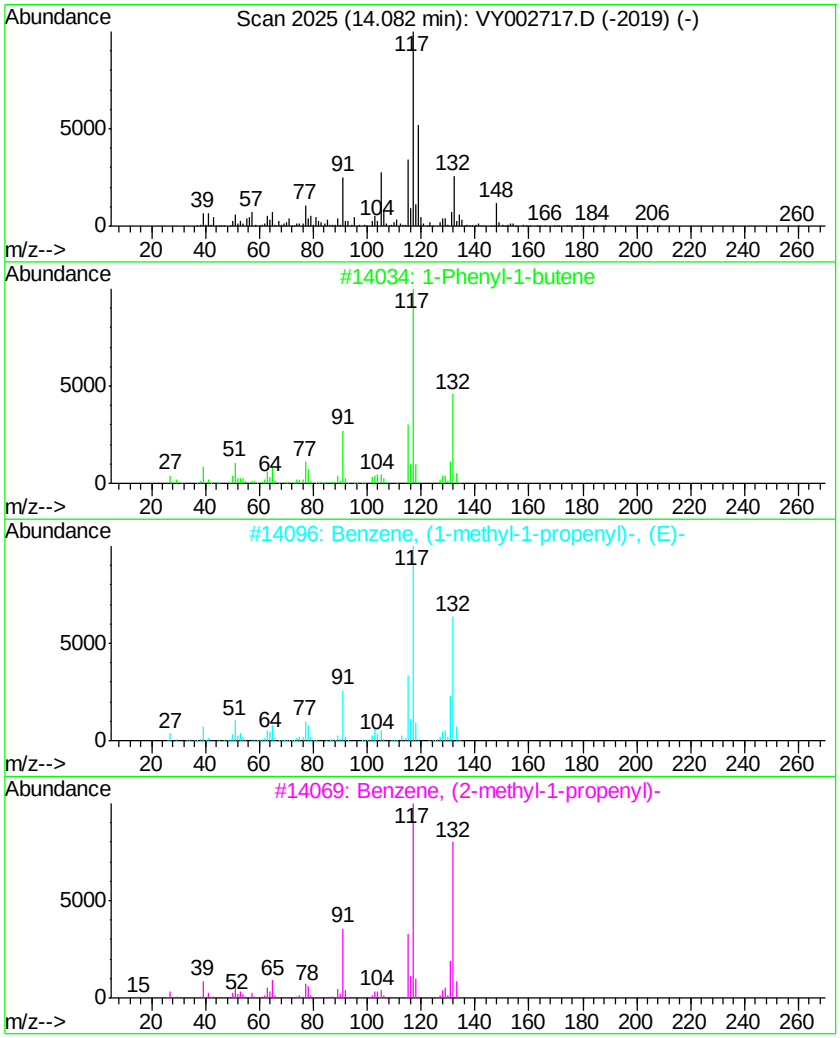
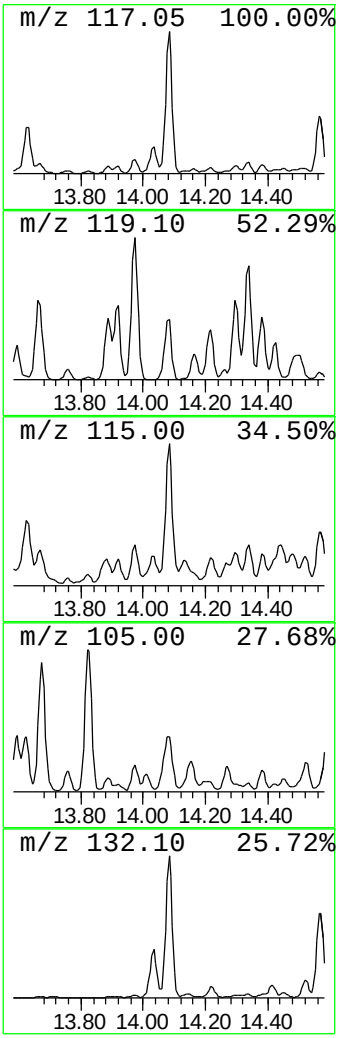
Peak Number 5 1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	301.57 ug/l	4839950	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051920\
Data File : VY002717.D
Acq On : 19 May 2020 12:40
Operator : SY/MD
Sample : L2665-02
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 0375-AMENDED-COMP-MP-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260

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

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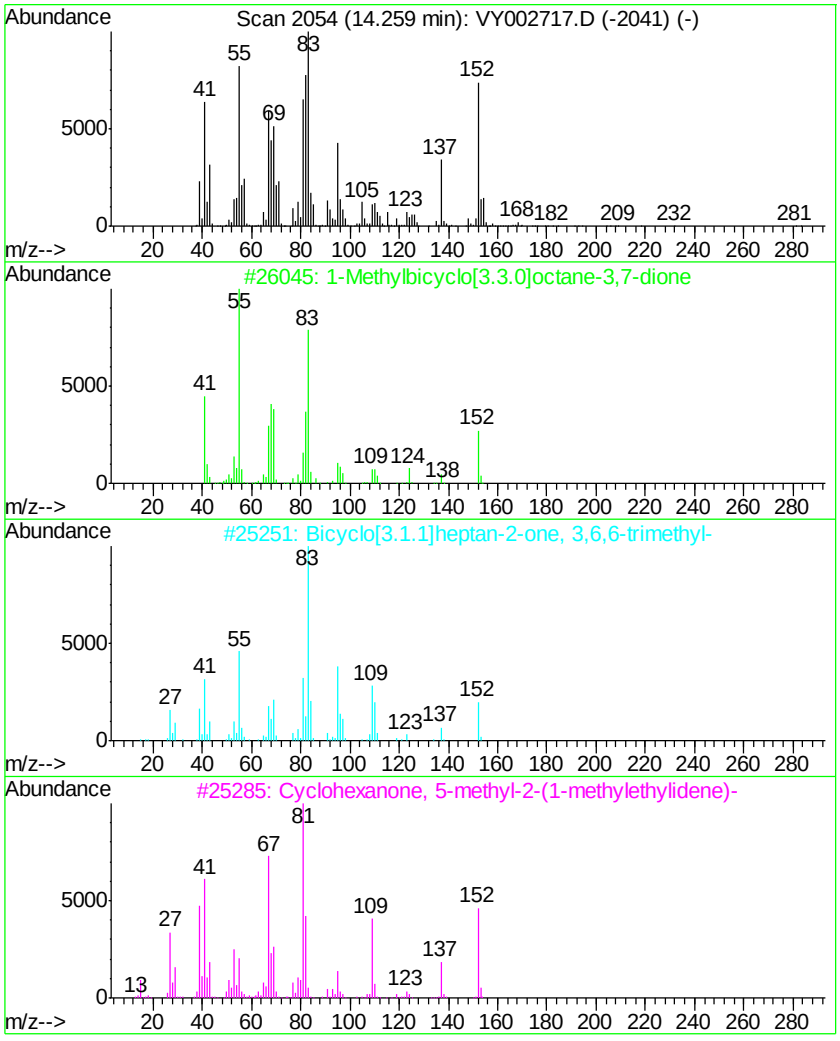
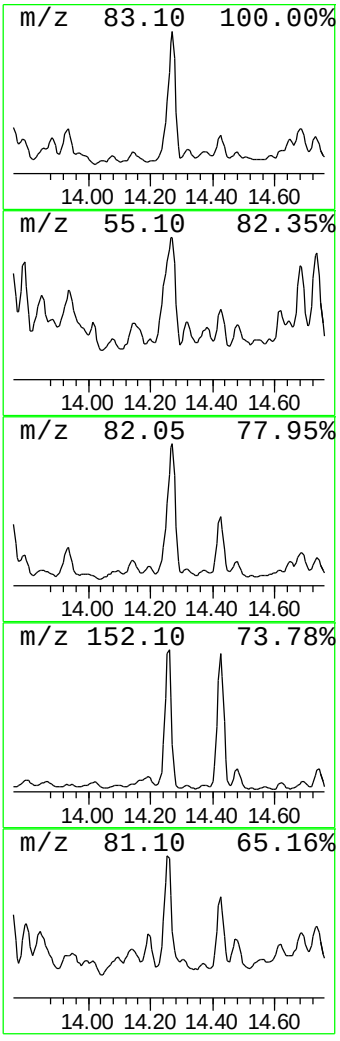
Peak Number 6 1-Methylbicyclo[3.3.0]octan... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	720.74 ug/l	11567300	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	70
2	Bicyclo[3.1.1]heptan-2-one, 3,6,...	152	C10H16O	016022-08-5	49
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49
4	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	43
5	Pulegone	152	C10H16O	000089-82-7	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051920\
Data File : VY002717.D
Acq On : 19 May 2020 12:40
Operator : SY/MD
Sample : L2665-02
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 0375-AMENDED-COMP-MP-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260

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

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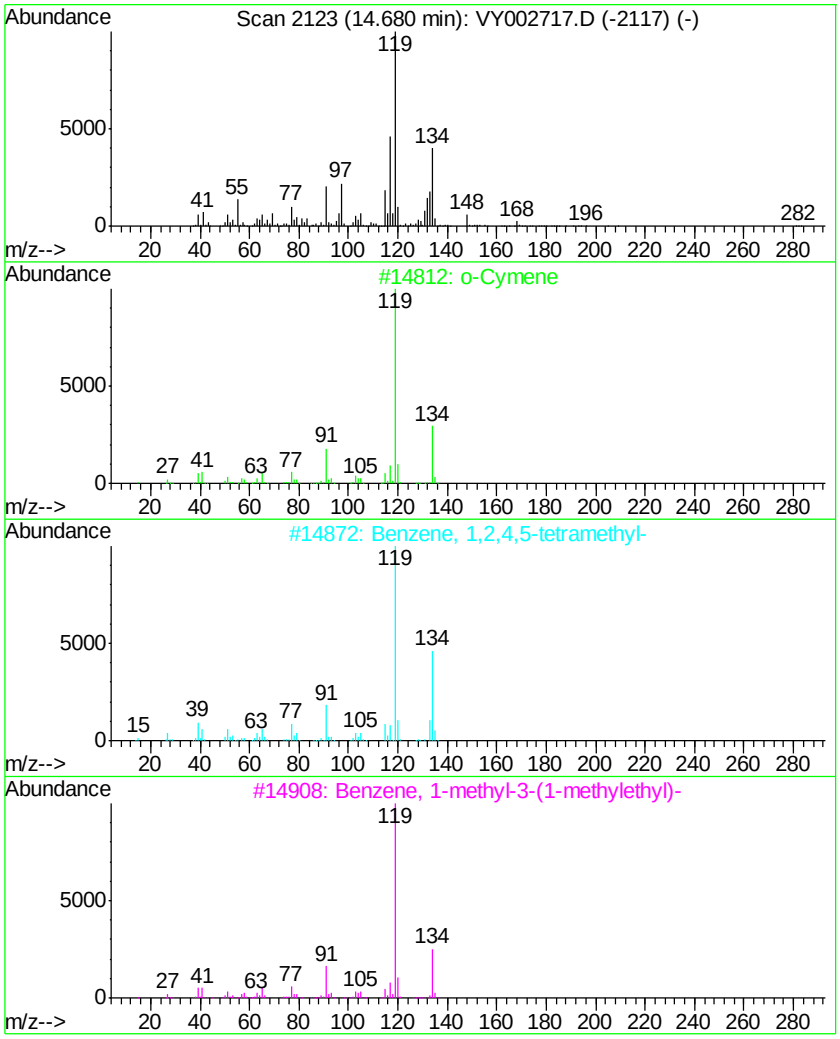
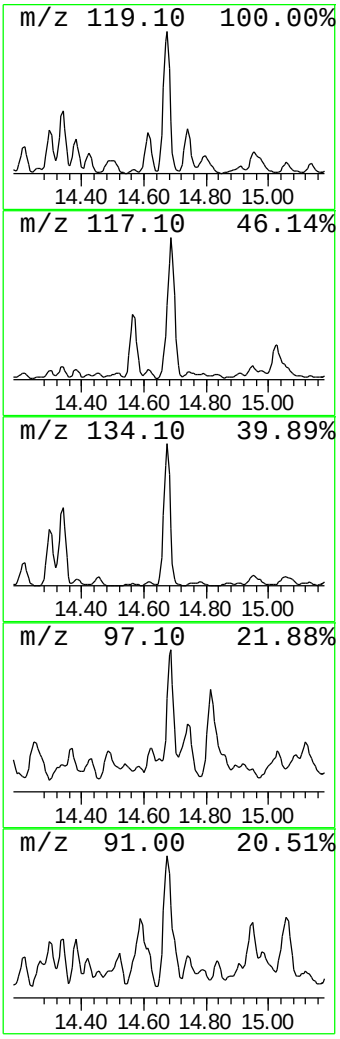
Peak Number 7 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	622.46 ug/l	9990070	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	64
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051920\
Data File : VY002717.D
Acq On : 19 May 2020 12:40
Operator : SY/MD
Sample : L2665-02
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 0375-AMENDED-COMP-MP-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260

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

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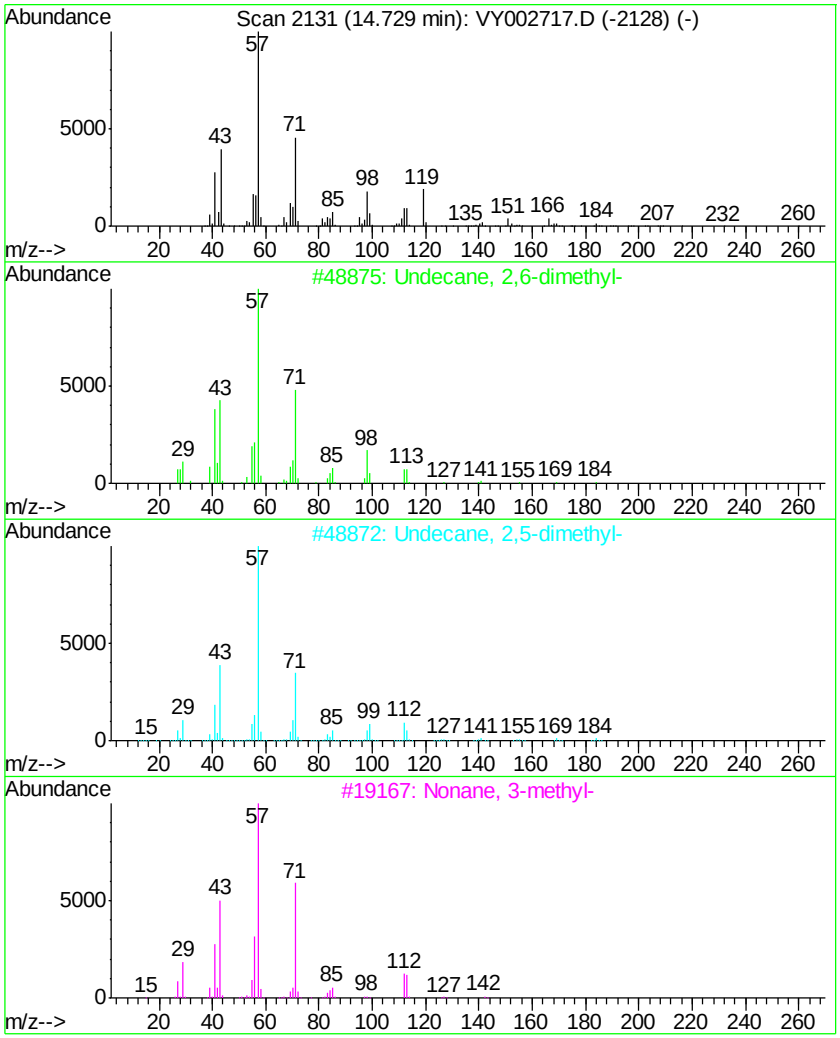
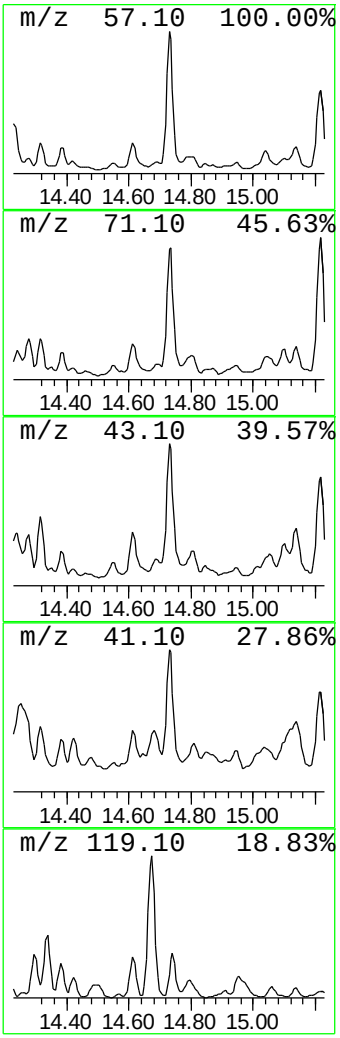
Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	491.31 ug/l	7885210	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	60
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	47
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051920\
Data File : VY002717.D
Acq On : 19 May 2020 12:40
Operator : SY/MD
Sample : L2665-02
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 0375-AMENDED-COMP-MP-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260

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

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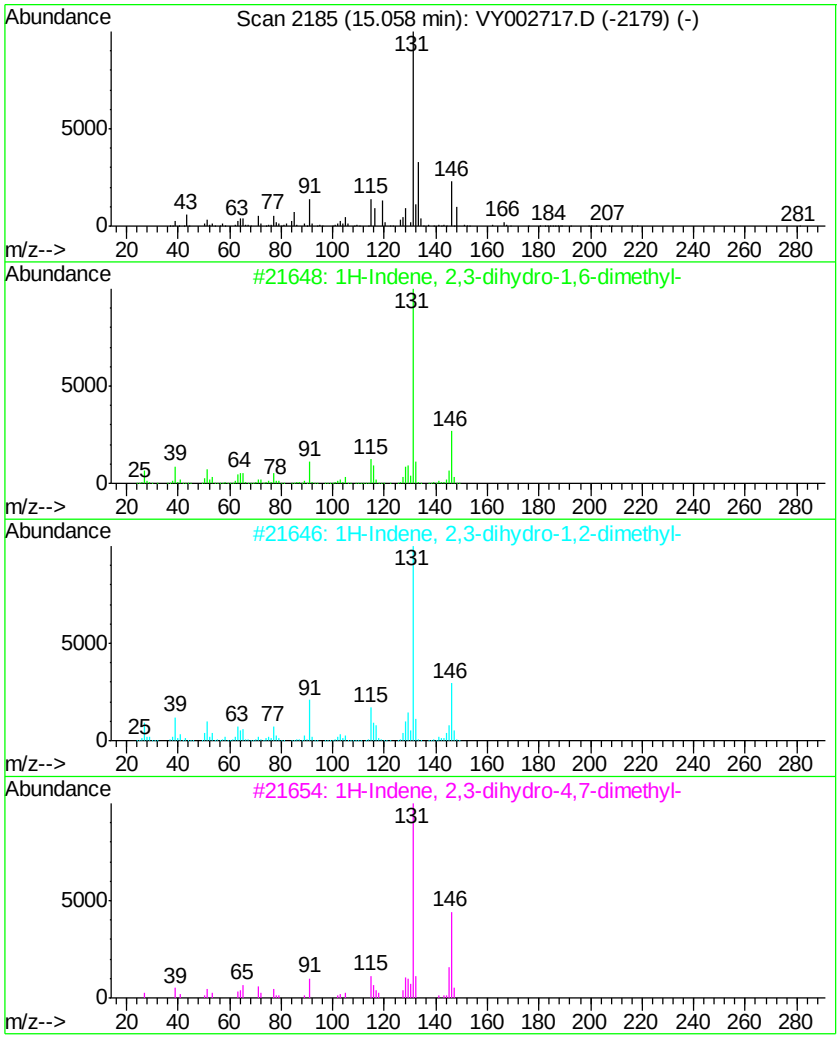
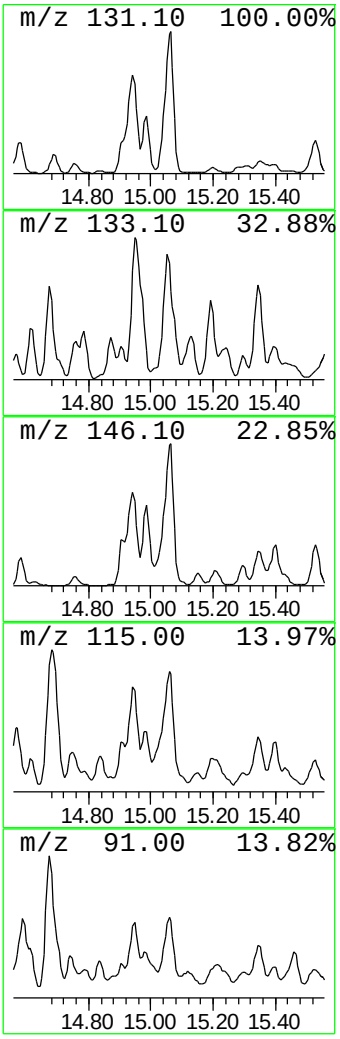
Peak Number 9 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	256.37 ug/l	4114500	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051920\
Data File : VY002717.D
Acq On : 19 May 2020 12:40
Operator : SY/MD
Sample : L2665-02
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 0375-AMENDED-COMP-MP-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260

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

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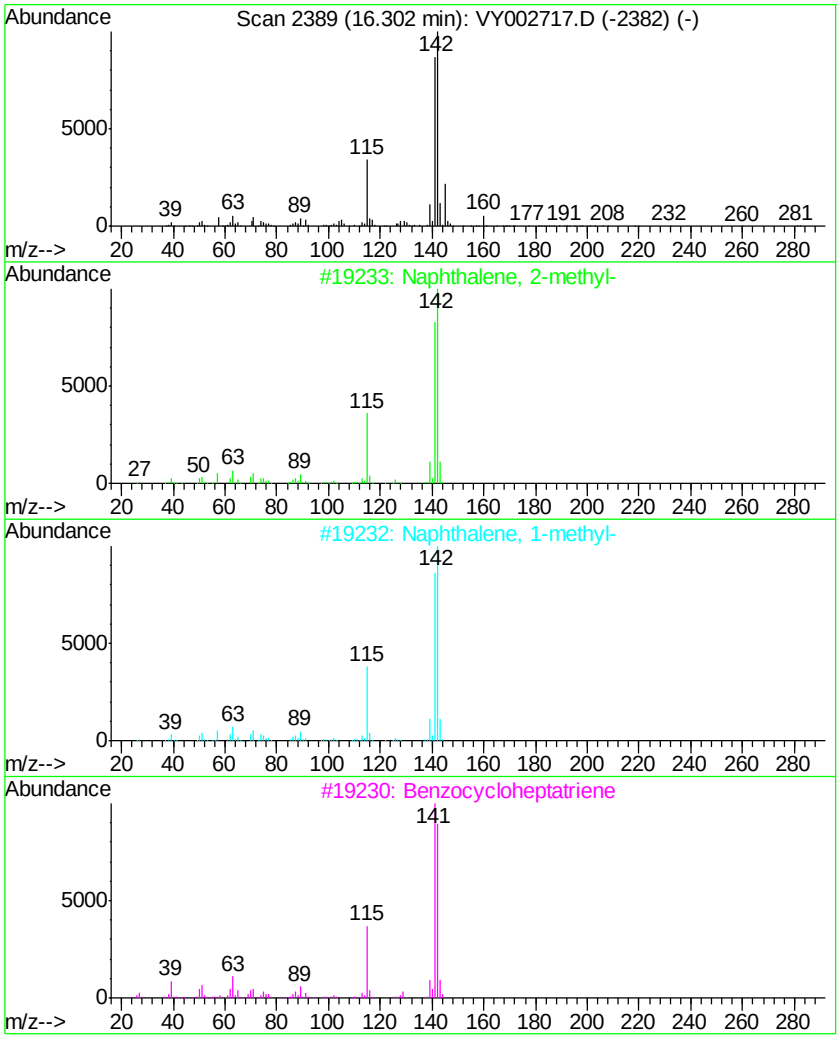
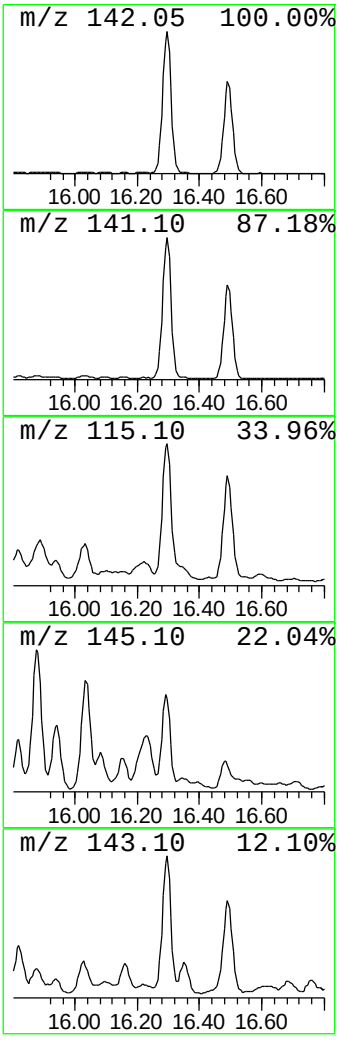
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	253.62 ug/l	4070420	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	90
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5	Spiro(tricyclo[6.2.1.0(2,7)]unde...	186	C13H14O	1000210-02-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051920\
Data File : VY002717.D
Acq On : 19 May 2020 12:40
Operator : SY/MD
Sample : L2665-02
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 0375-AMENDED-COMP-MP-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentane, 1-e...	10.37	318.0	ug/l	9846860	3	11.49	1548360	50.0
Cyclooctane, (1-m...	11.09	477.7	ug/l	14793000	3	11.49	1548360	50.0
Cyclohexane, 1,2,...	11.29	358.5	ug/l	11100700	3	11.49	1548360	50.0
Decane, 4-methyl-	13.04	397.1	ug/l	6372370	4	13.42	802461	50.0
1-Phenyl-1-butene	14.08	301.6	ug/l	4839950	4	13.42	802461	50.0
1-Methylbicyclo[3...	14.26	720.7	ug/l	11567300	4	13.42	802461	50.0
o-Cymene	14.68	622.5	ug/l	9990070	4	13.42	802461	50.0
Undecane, 2,6-dim...	14.73	491.3	ug/l	7885210	4	13.42	802461	50.0
1H-Indene, 2,3-di...	15.06	256.4	ug/l	4114500	4	13.42	802461	50.0
Naphthalene, 1-me...	16.30	253.6	ug/l	4070420	4	13.42	802461	50.0