LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
Data File : VY001338.D
Acq On : 22 Jan 2020 17:59
Operator : SY/MD
Sample : L1213-03
Misc : 6.55G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-2

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\82Y012120S.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	1.871	19	22	30	rVB2	7129	11682	1.22%	0.152%
2	3.981	359	368	380	rBV2	8136	23310	2.44%	0.304%
3	4.755	483	495	505	rBV3	9045	30307	3.18%	0.395%
4	7.029	856	868	877	rBV3	3451	9616	1.01%	0.125%
5	7.748	976	986	992	rBV	124851	296095	31.02%	3.861%
6	7.822	992	998	1013	rVB	216889	483174	50.63%	6.300%
7	8.169	1046	1055	1066	rBV	118775	260153	27.26%	3.392%
8	8.712	1136	1144	1157	rVB	352502	692805	72.59%	9.034%
9	10.193	1380	1387	1394	rBV	567583	954414	100.00%	12.445%
10	10.254	1394	1397	1407	rVB2	5630	9581	1.00%	0.125%
11	11.498	1592	1601	1610	rBV	495123	815995	85.50%	10.640%
12	11.705	1628	1635	1641	rBV	8079	16974	1.78%	0.221%
13	12.034	1680	1689	1698	rVB3	8017	17388	1.82%	0.227%
14	12.235	1712	1722	1728	rBV7	4221	10789	1.13%	0.141%
15	12.345	1730	1740	1746	rBV	223341	361672	37.89%	4.716%
16	12.491	1757	1764	1770	rBV	372148	593975	62.23%	7.745%
17	12.552	1770	1774	1776	rVV5	6194	10657	1.12%	0.139%
18	12.589	1776	1780	1786	rVB2	14774	27409	2.87%	0.357%
19	12.796	1807	1814	1825	rVB5	28243	69337	7.26%	0.904%
20	12.906	1825	1832	1839	rVV4	32510	81447	8.53%	1.062%
21	13.125	1864	1868	1873	rBV2	12907	19361	2.03%	0.252%
22	13.345	1897	1904	1905	rVV4	17153	29081	3.05%	0.379%
23	13.375	1905	1909	1913	rVV	55350	87811	9.20%	1.145%
24	13.430	1913	1918	1928	rVB	463861	709335	74.32%	9.249%
25	13.631	1942	1951	1961	rBV	94289	162323	17.01%	2.117%
26	13.759	1967	1972	1976	rVV5	7524	11687	1.22%	0.152%
27	13.979	2003	2008	2013	rVB4	17279	27549	2.89%	0.359%
28	14.089	2020	2026	2030	rBV	27965	42536	4.46%	0.555%
29	14.272	2051	2056	2059	rBV6	8950	18372	1.92%	0.240%
30	14.570	2100	2105	2111	rBV2	34734	70339	7.37%	0.917%
31	14.619	2111	2113	2118	rVB3	18141	21540	2.26%	0.281%
32	14.692	2118	2125	2130	rBV2	55894	115031	12.05%	1.500%
33	14.741	2130	2133	2140	rVB6	14825	27442	2.88%	0.358%
34	14.845	2147	2150	2154	rVB4	7367	9615	1.01%	0.125%

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-2

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\82Y012120S.M
Title : SW846 8260

35	14.954	2163	2168	2171	rBV4	18394	28730	3.01%	0.375%
36	15.064	2181	2186	2191	rVB2	13623	25577	2.68%	0.334%
37	15.241	2207	2215	2222	rBV	415466	741799	77.72%	9.673%
38	15.339	2227	2231	2238	rVV5	17759	37551	3.93%	0.490%
39	15.406	2239	2242	2245	rVB5	9067	11114	1.16%	0.145%
40	15.442	2245	2248	2255	rVB6	15379	28489	2.98%	0.371%
41	15.527	2257	2262	2270	rBV5	18630	53012	5.55%	0.691%
42	15.698	2282	2290	2294	rBV6	15553	39805	4.17%	0.519%
43	16.040	2340	2346	2350	rBV7	15442	34577	3.62%	0.451%
44	16.168	2362	2367	2373	rBV2	51176	86725	9.09%	1.131%
45	16.302	2383	2389	2396	rVB	116780	218785	22.92%	2.853%
46	16.497	2414	2421	2434	rVB	91229	234143	24.53%	3.053%

Sum of corrected areas: 7669109

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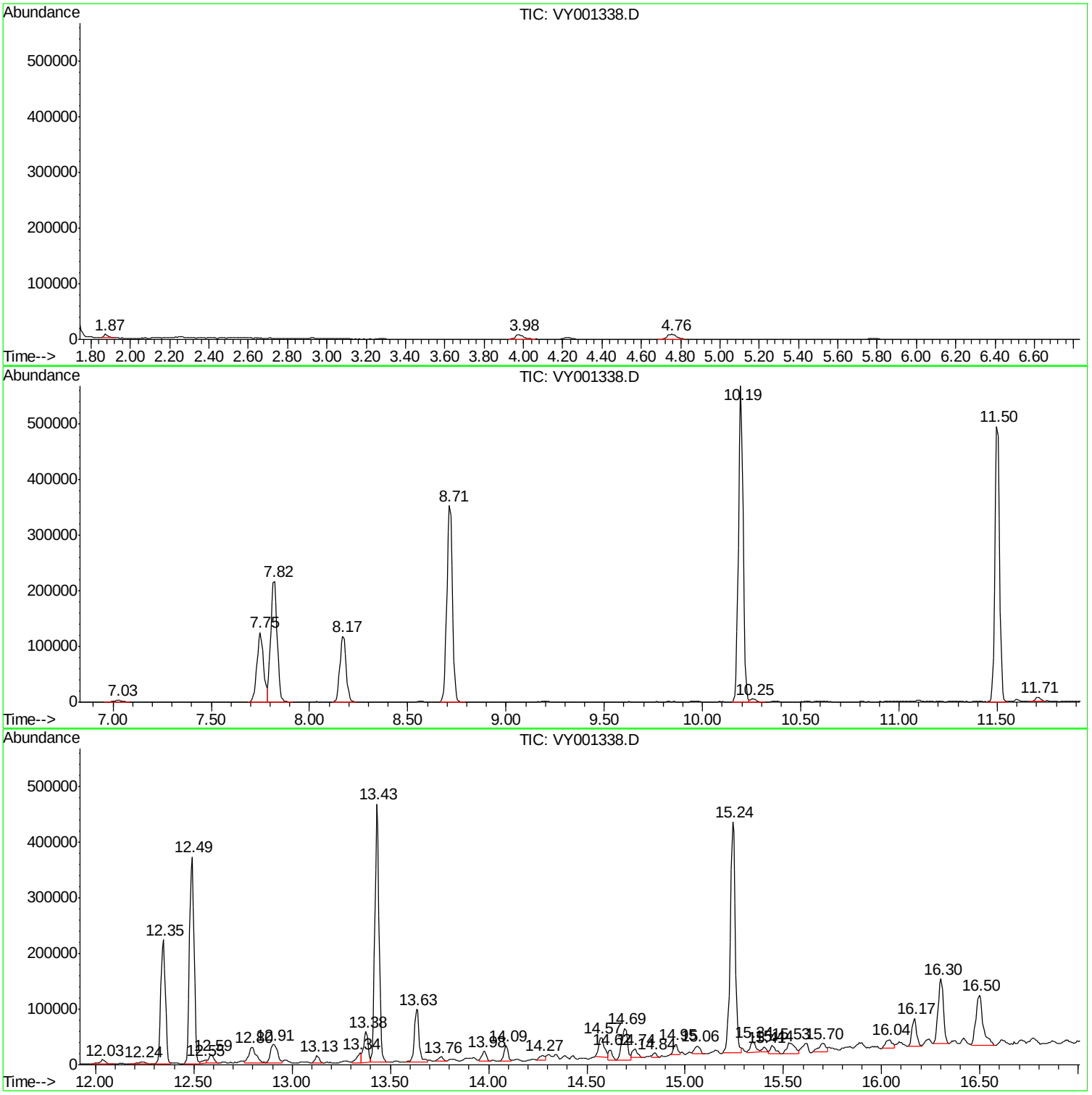
Instrument : MSVOA_Y
ClientSampleId : TP-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Data File : VY001338.D
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Instrument : MSVOA_Y
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

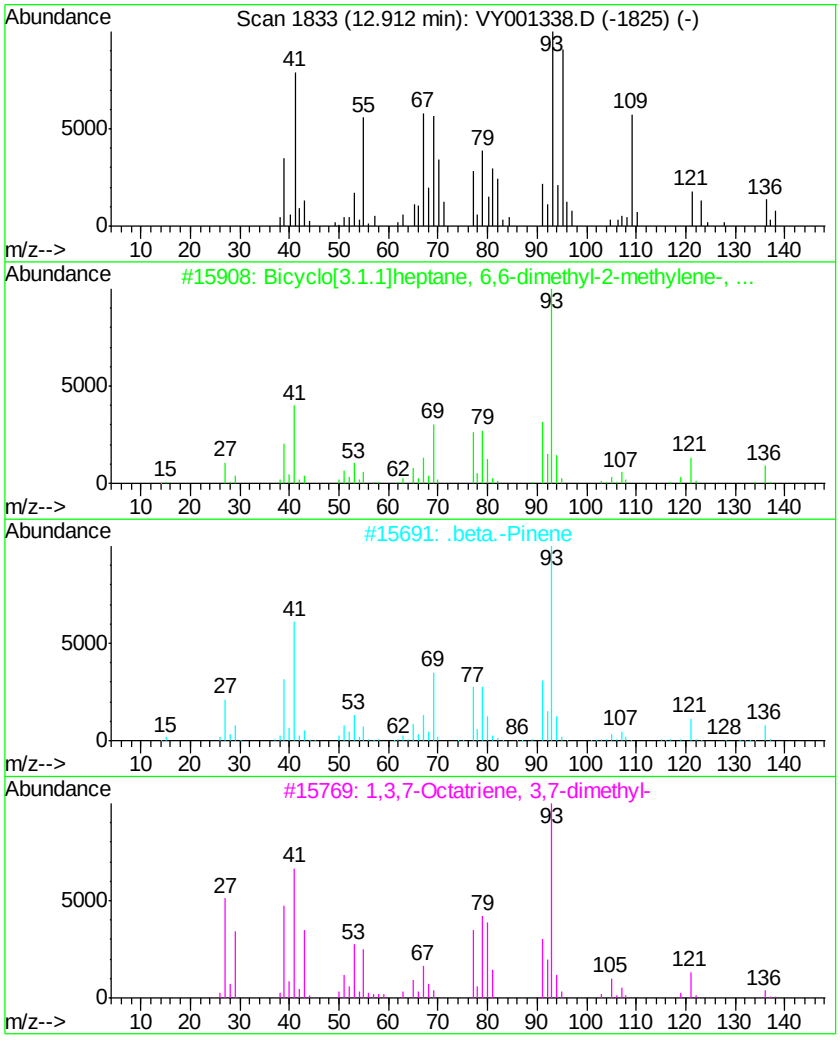
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

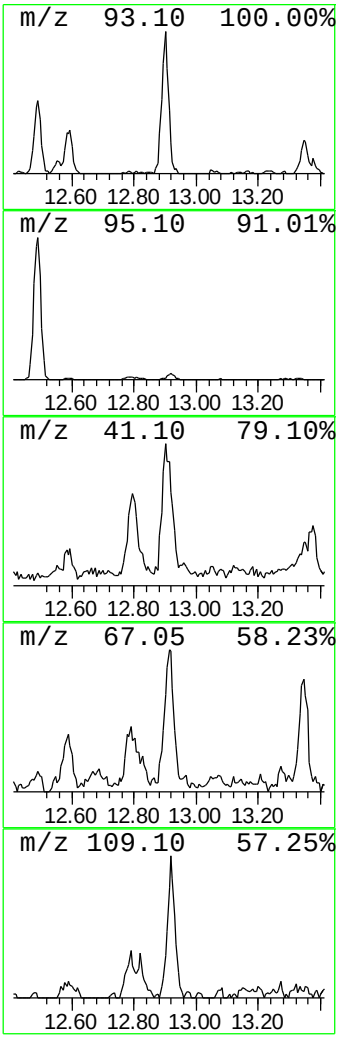
****

Peak Number 1 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	5.74 ug/l	81447	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	76
2	.beta.-Pinene	136	C10H16	000127-91-3	76
3	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	62
4	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	58
5	.alpha.-Pinene	136	C10H16	000080-56-8	58





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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

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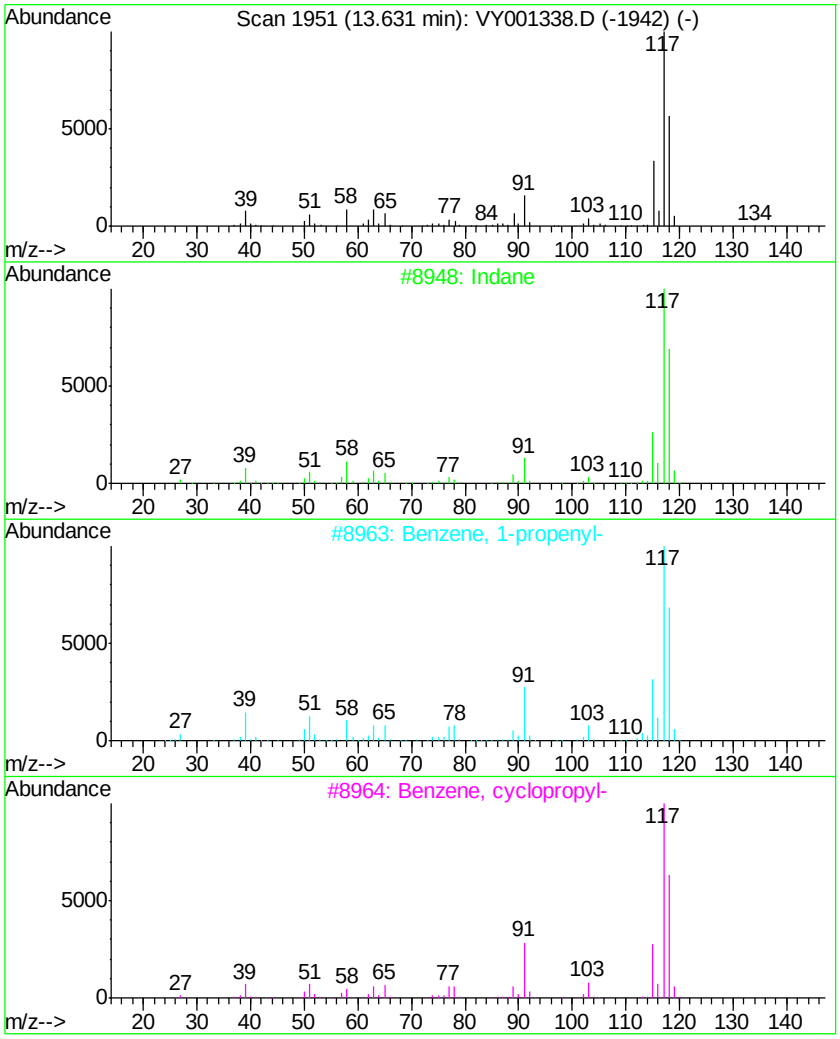
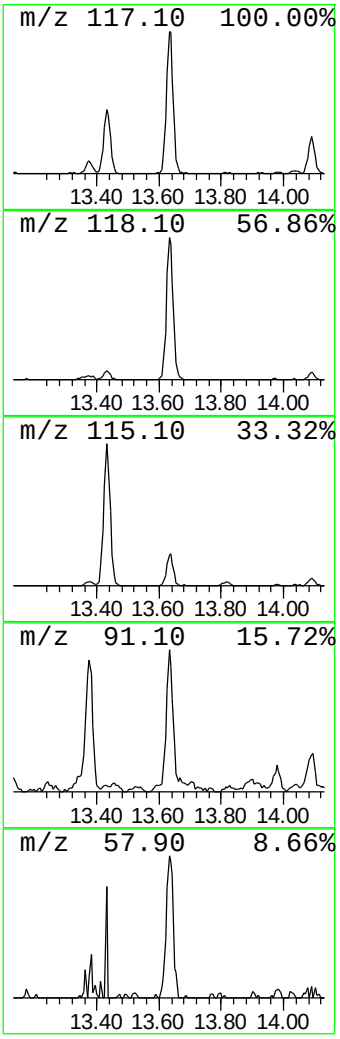
Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	11.44 ug/l	162323	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
5	Deltacyclene	118	C9H10	007785-10-6	72





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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

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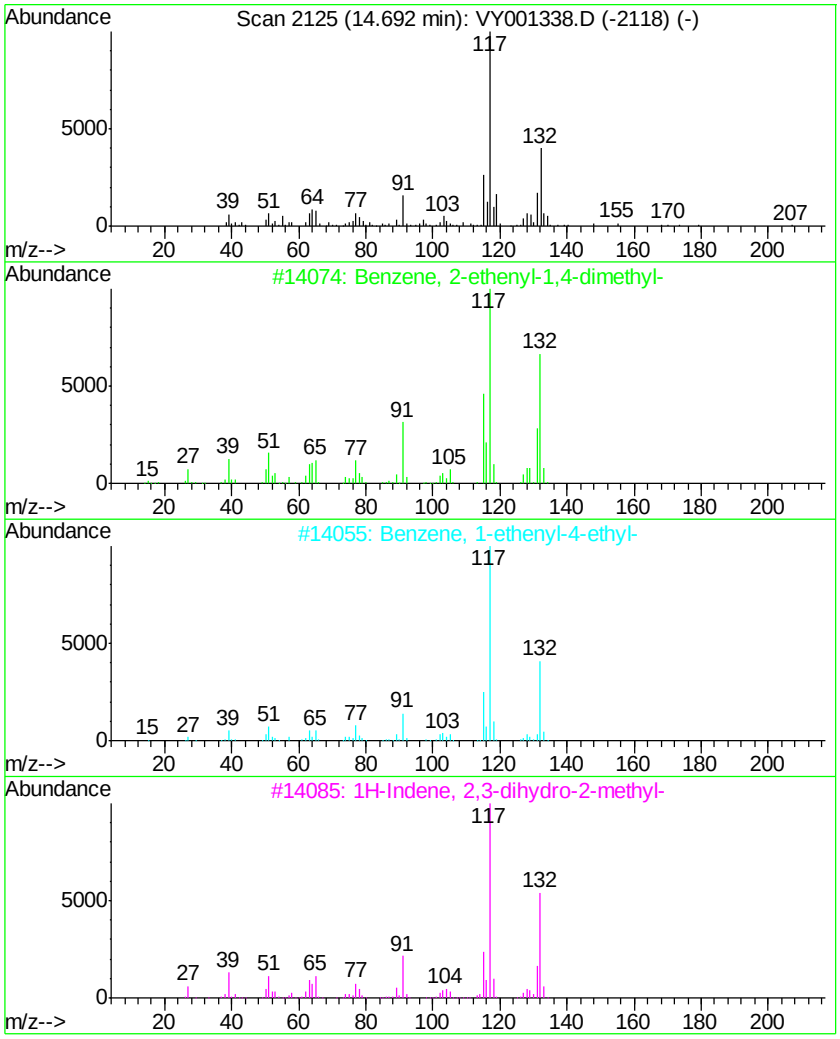
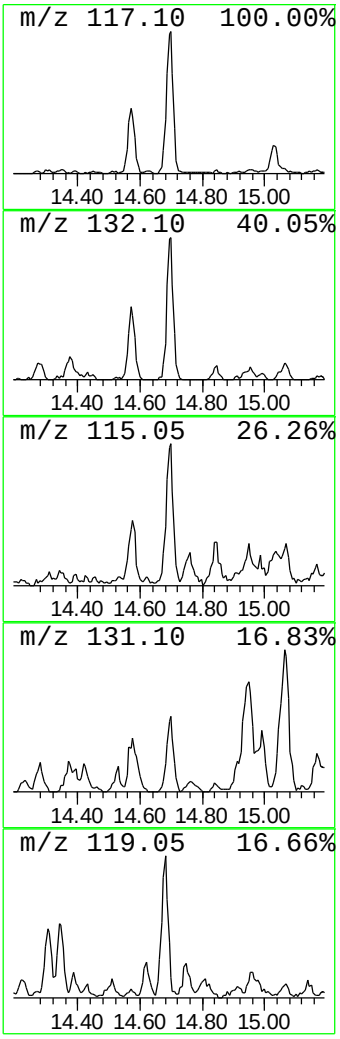
Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	8.11 ug/l	115031	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90





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Misc : 6.55G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

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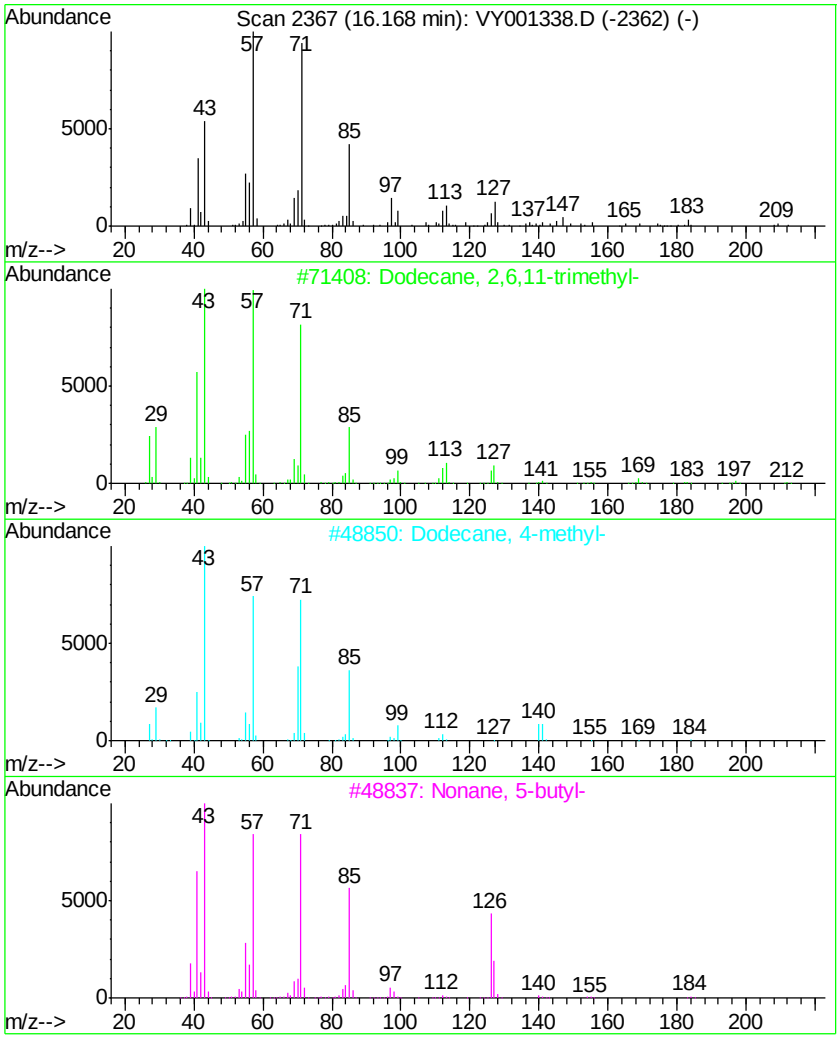
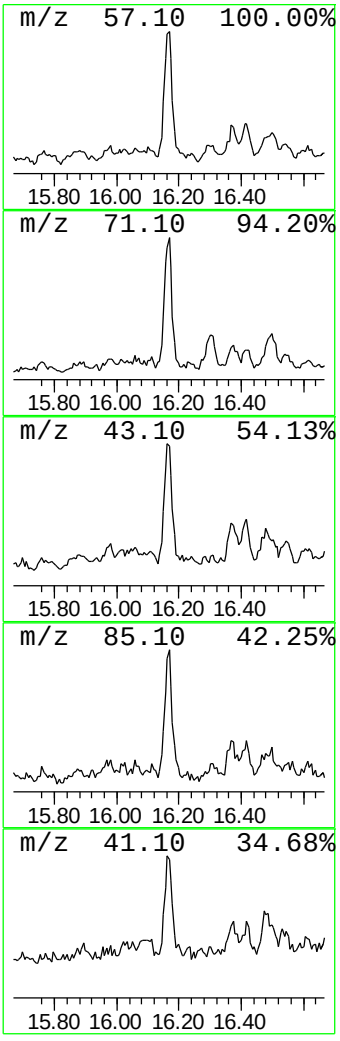
Peak Number 4 Dodecane, 2,6,11-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	6.11 ug/l	86725	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	81
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	62
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	55
4	Octane, 2-methyl-	128	C9H20	003221-61-2	52
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50





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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
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TIC Library : C:\DATABASE\NIST11.L
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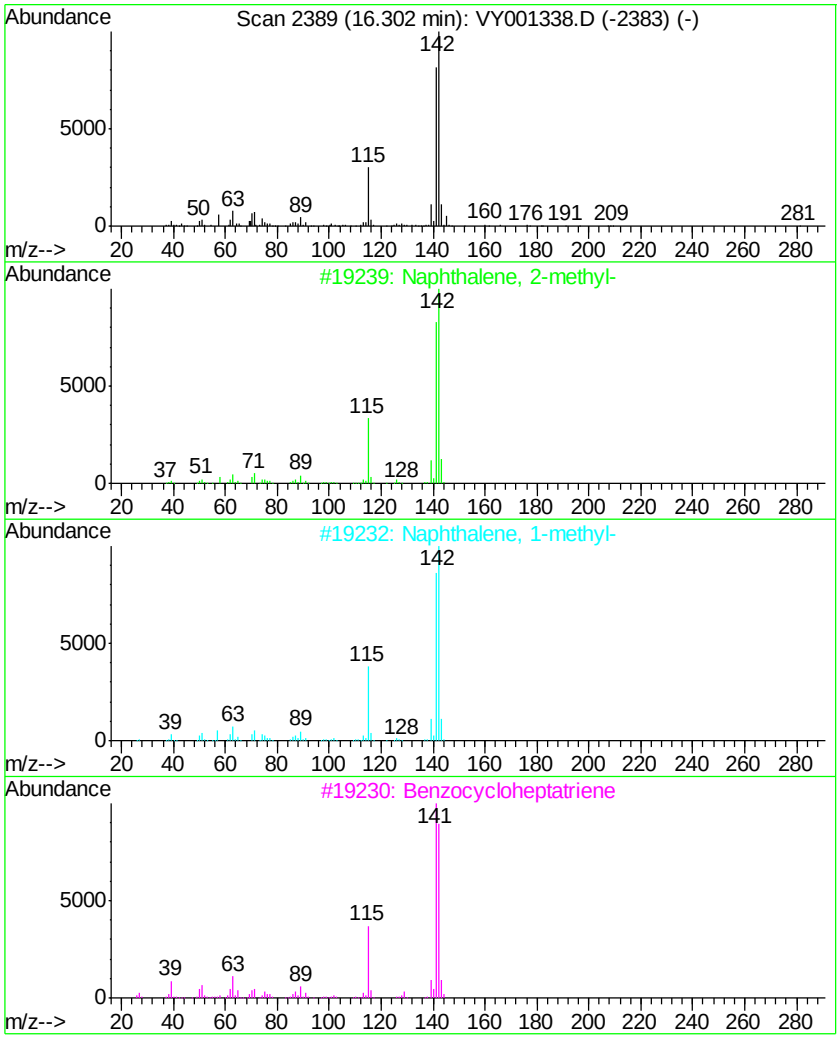
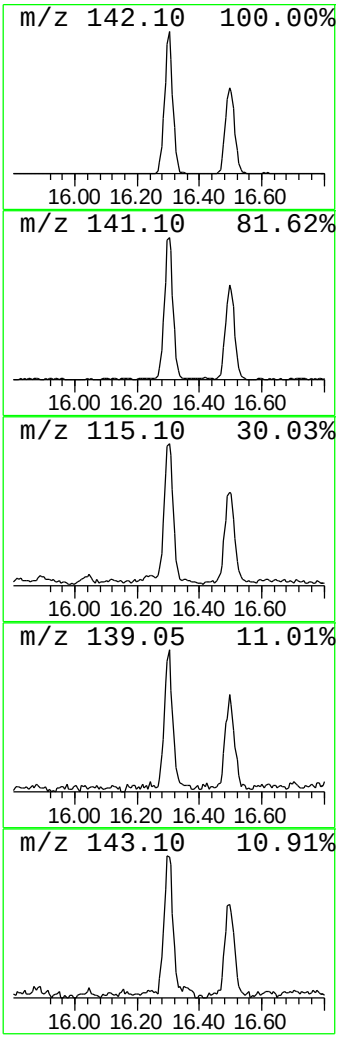
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	15.42 ug/l	218785	1,4-Dichlorobenzene-d4	13.43

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	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1-Naphthaleneethanol	172	C12H12O	000773-99-9	47





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Bicyclo[3.1.1]hep...	12.91	5.7	ug/l	81447	4	13.43	709335	50.0
Indane	13.63	11.4	ug/l	162323	4	13.43	709335	50.0
Benzene, 2-etheny...	14.69	8.1	ug/l	115031	4	13.43	709335	50.0
Dodecane, 2,6,11-...	16.17	6.1	ug/l	86725	4	13.43	709335	50.0
Naphthalene, 1-me...	16.30	15.4	ug/l	218785	4	13.43	709335	50.0