LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
Data File : VW000949.D
Acq On : 24 Jan 2018 16:11
Operator : JC/SY
Sample : J1022-08
Misc : 5.57G/5.0ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-04-012218

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 : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.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	1.795	18	34	55	rBV	1163120	2175686	100.00%	16.518%
2	2.355	118	126	132	rVB	20019	32572	1.50%	0.247%
3	4.129	408	417	429	rVB	19806	51983	2.39%	0.395%
4	4.910	531	545	559	rBV2	34906	111409	5.12%	0.846%
5	7.153	903	913	924	rBV	11158	34675	1.59%	0.263%
6	7.885	1022	1033	1038	rBV	144543	335939	15.44%	2.550%
7	7.952	1038	1044	1055	rVB	313190	688161	31.63%	5.225%
8	8.312	1087	1103	1115	rVB	151247	337222	15.50%	2.560%
9	8.848	1181	1191	1204	rBV	432068	837685	38.50%	6.360%
10	10.330	1427	1434	1441	rBV	601861	1084825	49.86%	8.236%
11	10.397	1441	1445	1454	rVB	25892	45386	2.09%	0.345%
12	11.646	1642	1650	1661	rVB	555571	940601	43.23%	7.141%
13	11.848	1674	1683	1693	rBV	27714	53535	2.46%	0.406%
14	12.183	1727	1738	1746	rBV2	17971	34860	1.60%	0.265%
15	12.634	1805	1812	1822	rVB	461525	743604	34.18%	5.646%
16	12.817	1836	1842	1847	rVB	16187	26614	1.22%	0.202%
17	12.884	1847	1853	1856	rBV	59241	95925	4.41%	0.728%
18	12.914	1856	1858	1861	rVV	29247	41332	1.90%	0.314%
19	12.957	1861	1865	1872	rVB2	46373	83993	3.86%	0.638%
20	13.122	1886	1892	1898	rBV	38663	61773	2.84%	0.469%
21	13.268	1911	1916	1922	rBV	153701	230525	10.60%	1.750%
22	13.402	1932	1938	1942	rVB2	13494	22205	1.02%	0.169%
23	13.463	1942	1948	1952	rBV3	22762	40249	1.85%	0.306%
24	13.518	1952	1957	1960	rVV3	12764	22183	1.02%	0.168%
25	13.579	1960	1967	1976	rVB2	575226	1038384	47.73%	7.884%
26	13.744	1989	1994	1995	rBV	20858	31747	1.46%	0.241%
27	13.774	1995	1999	2002	rVV2	103190	169057	7.77%	1.284%
28	13.811	2002	2005	2014	rVB4	77739	167849	7.71%	1.274%
29	13.896	2014	2019	2024	rBV3	58275	89941	4.13%	0.683%
30	13.969	2024	2031	2036	rBV2	39927	69164	3.18%	0.525%
31	14.030	2036	2041	2044	rBV	49916	84233	3.87%	0.640%
32	14.061	2044	2046	2050	rVV	51816	69138	3.18%	0.525%
33	14.115	2050	2055	2060	rVB2	80175	132864	6.11%	1.009%
34	14.231	2069	2074	2079	rVB	77660	125390	5.76%	0.952%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
Data File : VW000949.D
Acq On : 24 Jan 2018 16:11
Operator : JC/SY
Sample : J1022-08
Misc : 5.57G/5.0ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-04-012218

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 : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Title : SW846 8260

35	14.359	2090	2095	2098	rBV2	29852	52218	2.40%	0.396%
36	14.408	2098	2103	2106	rVV5	31245	71583	3.29%	0.543%
37	14.445	2106	2109	2112	rVV2	42823	71776	3.30%	0.545%
38	14.481	2112	2115	2119	rVV	64749	89641	4.12%	0.681%
39	14.524	2119	2122	2126	rVV2	42877	67952	3.12%	0.516%
40	14.567	2126	2129	2135	rVB6	30283	47993	2.21%	0.364%
41	14.664	2142	2145	2149	rVV3	35479	50213	2.31%	0.381%
42	14.713	2149	2153	2156	rVV	85516	146022	6.71%	1.109%
43	14.749	2156	2159	2165	rVB3	90981	147519	6.78%	1.120%
44	14.835	2165	2173	2178	rBV3	160403	381543	17.54%	2.897%
45	14.878	2178	2180	2187	rVB2	34597	59573	2.74%	0.452%
46	14.981	2192	2197	2204	rVB	107076	179440	8.25%	1.362%
47	15.091	2210	2215	2219	rBV4	42925	70992	3.26%	0.539%
48	15.127	2219	2221	2227	rVB	22890	33647	1.55%	0.255%
49	15.207	2227	2234	2242	rVB4	53959	133933	6.16%	1.017%
50	15.274	2243	2245	2253	rVB8	18999	39139	1.80%	0.297%
51	15.359	2253	2259	2262	rBV5	35278	70347	3.23%	0.534%
52	15.390	2262	2264	2269	rVB2	20921	28337	1.30%	0.215%
53	15.451	2269	2274	2278	rBV	54040	87826	4.04%	0.667%
54	15.499	2278	2282	2285	rBV4	33729	57930	2.66%	0.440%
55	15.585	2292	2296	2305	rVB2	80070	155151	7.13%	1.178%
56	15.688	2305	2313	2319	rBV3	55666	126569	5.82%	0.961%
57	15.762	2322	2325	2330	rVB6	14216	23398	1.08%	0.178%
58	15.859	2334	2341	2342	rVV2	30139	59886	2.75%	0.455%
59	15.896	2342	2347	2355	rVB2	119925	239009	10.99%	1.815%
60	15.987	2357	2362	2366	rBV6	11442	24101	1.11%	0.183%
61	16.060	2367	2374	2381	rVV5	24017	64382	2.96%	0.489%
62	16.213	2390	2399	2405	rBV4	61752	167690	7.71%	1.273%
63	16.408	2425	2431	2437	rVV3	55129	125570	5.77%	0.953%
64	16.475	2437	2442	2447	rVV4	33001	73769	3.39%	0.560%
65	16.536	2447	2452	2463	rVB2	44008	90122	4.14%	0.684%
66	16.670	2469	2474	2475	rBV5	15989	23532	1.08%	0.179%

Sum of corrected areas: 13171512

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
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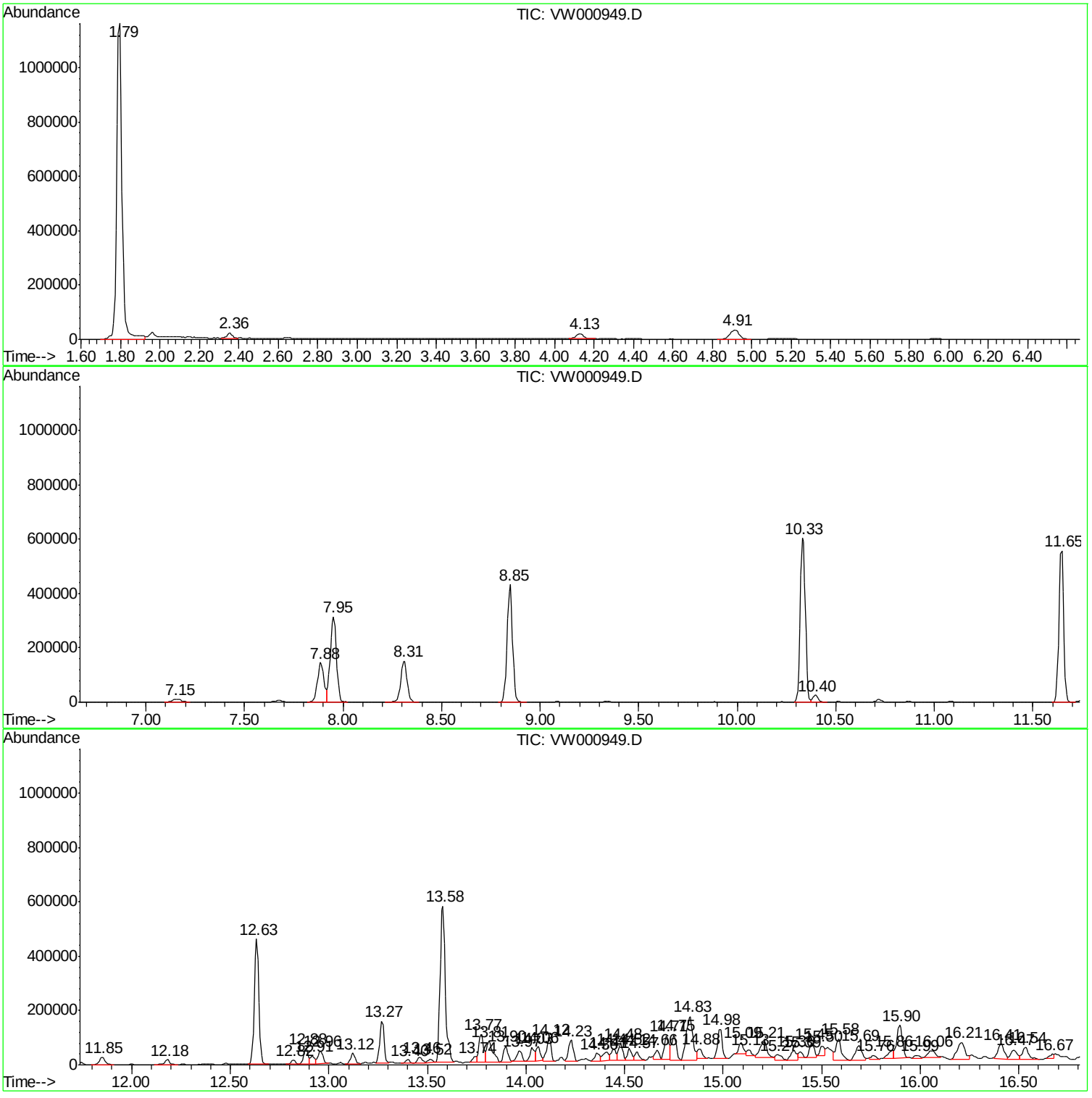
Misc : 5.57G/5.0ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-04-012218

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260

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



Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
Data File : VW000949.D
Acq On : 24 Jan 2018 16:11
Operator : JC/SY
Sample : J1022-08
Misc : 5.57G/5.0ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-04-012218

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260

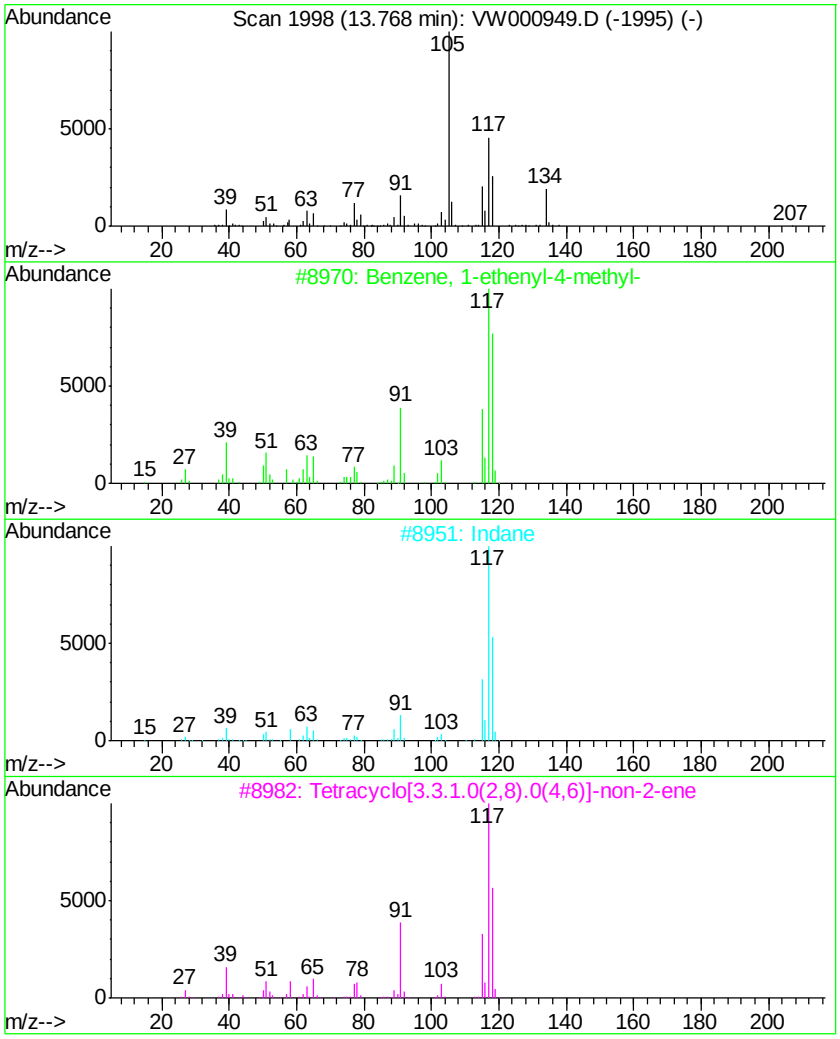
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

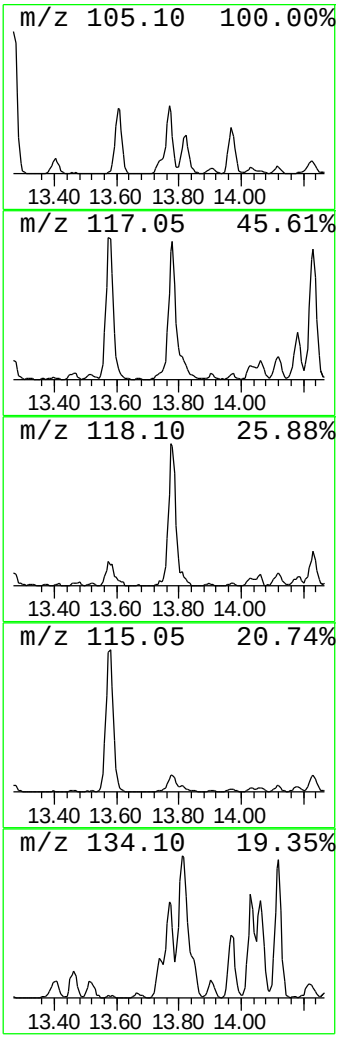
****

Peak Number 2 Benzene, 1-ethenyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	8.14 ug/l	169057	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
2	Indane	118	C9H10	000496-11-7	60
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	60
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	60





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
Data File : VW000949.D
Acq On : 24 Jan 2018 16:11
Operator : JC/SY
Sample : J1022-08
Misc : 5.57G/5.0ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-04-012218

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260

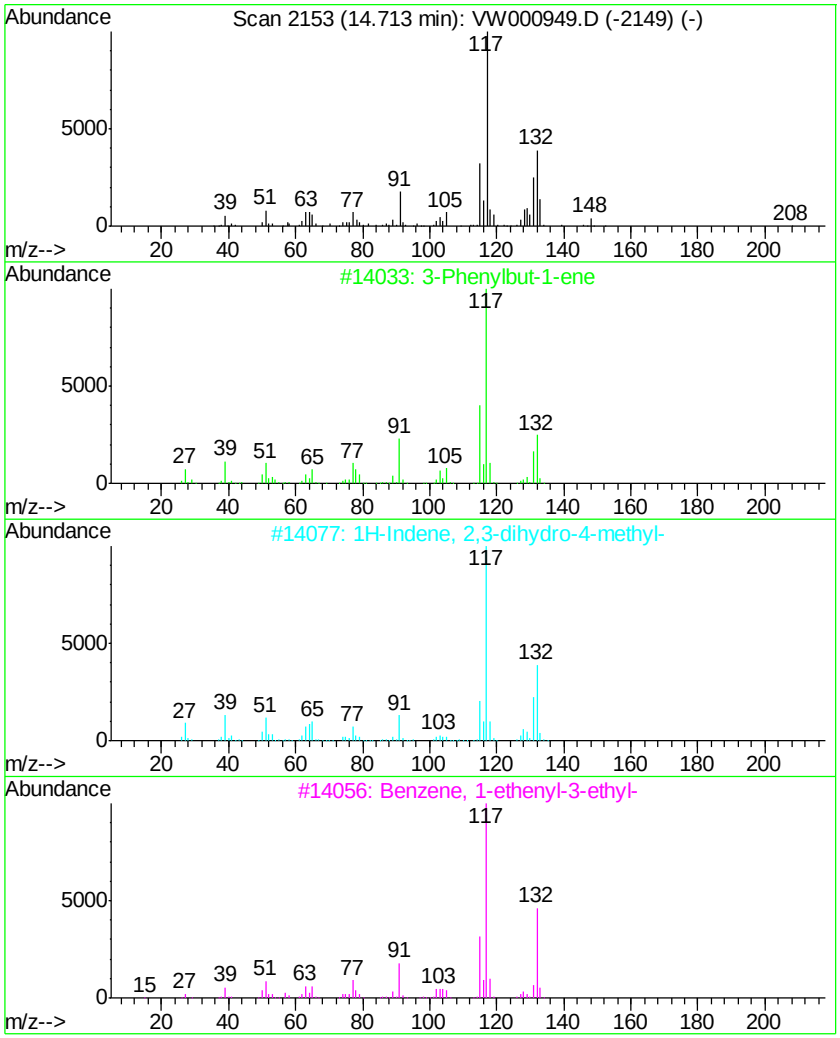
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

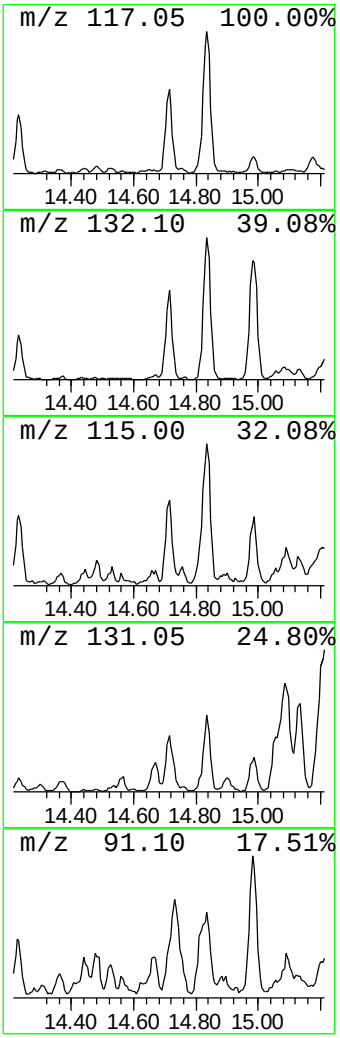
****

Peak Number 3 3-Phenylbut-1-ene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	7.03 ug/l	146022	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	74
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
Data File : VW000949.D
Acq On : 24 Jan 2018 16:11
Operator : JC/SY
Sample : J1022-08
Misc : 5.57G/5.0ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-04-012218

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260

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

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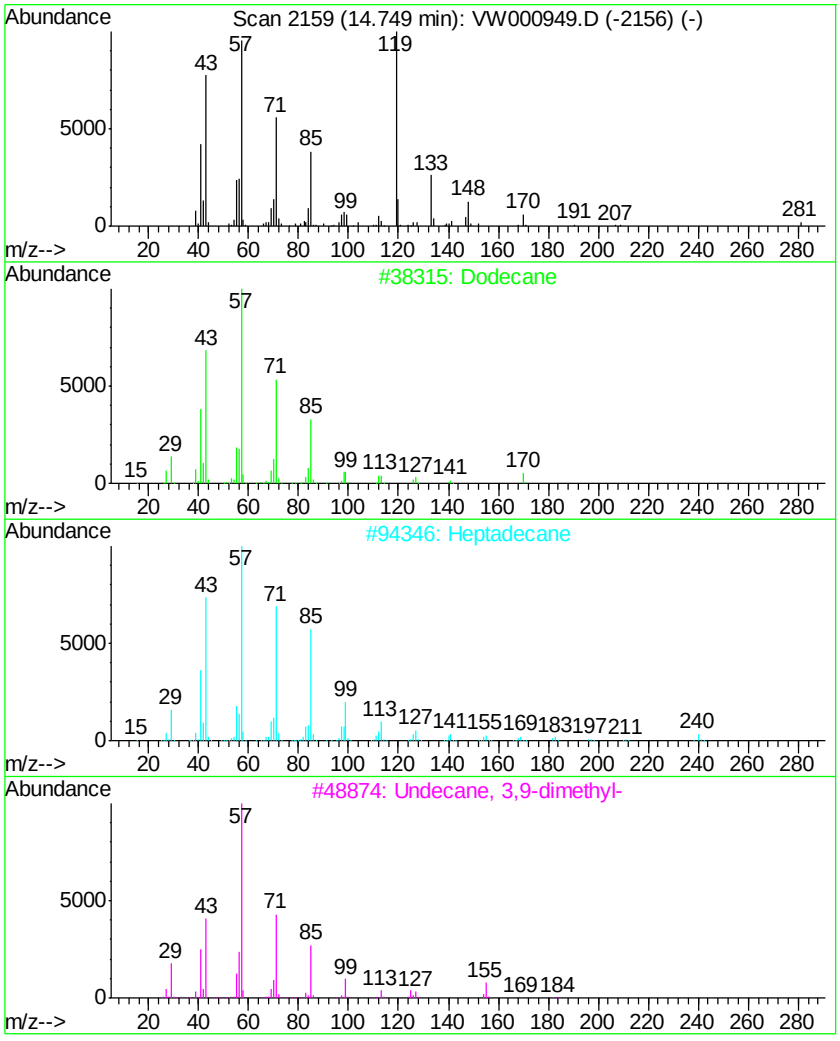
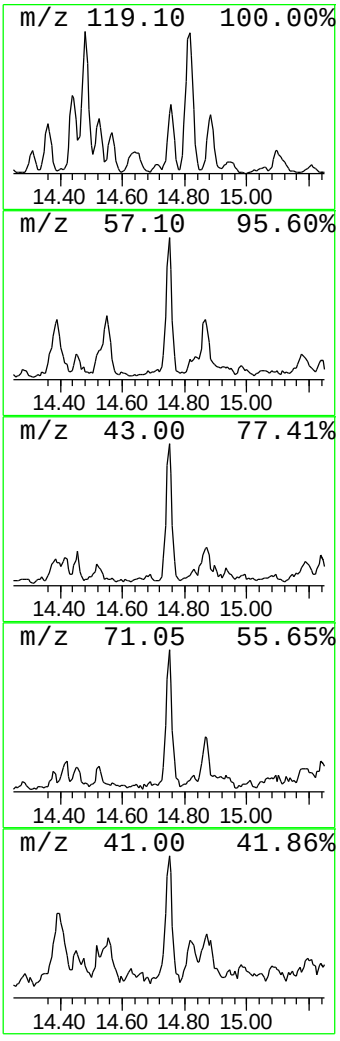
Peak Number 4 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	7.10 ug/l	147519	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	64
2	Heptadecane	240	C17H36	000629-78-7	38
3	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	35
4	Octadecane	254	C18H38	000593-45-3	35
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	35





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
Data File : VW000949.D
Acq On : 24 Jan 2018 16:11
Operator : JC/SY
Sample : J1022-08
Misc : 5.57G/5.0ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-04-012218

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260

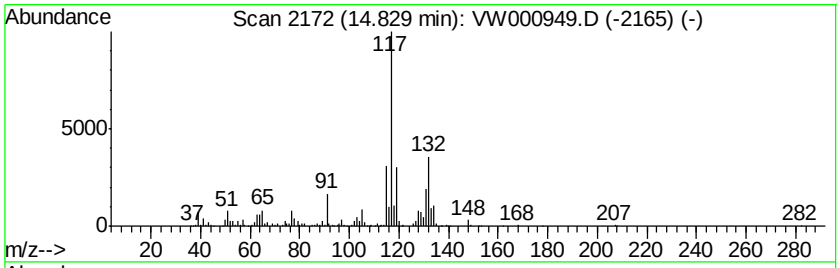
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

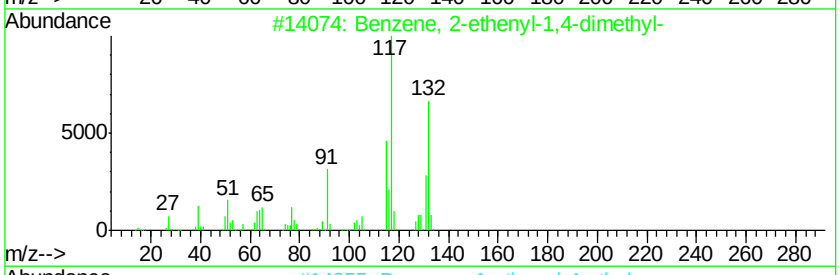
****

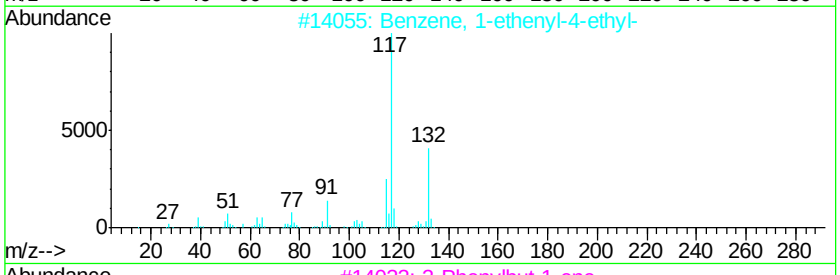
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

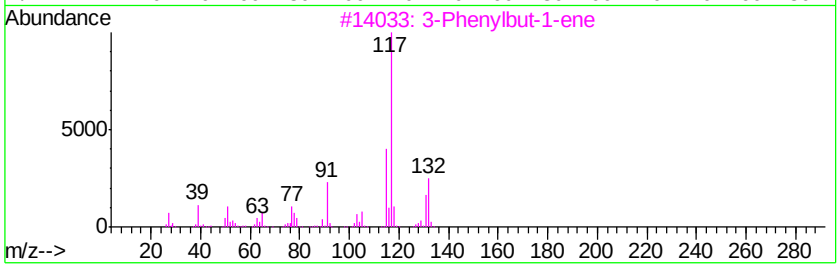
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	18.37 ug/l	381543	1,4-Dichlorobenzene-d4	13.58

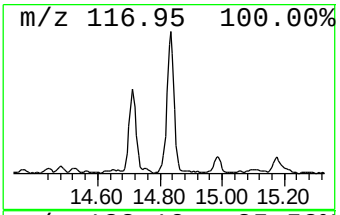
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87

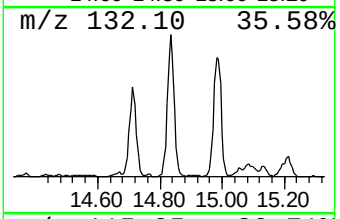


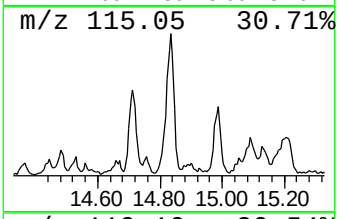


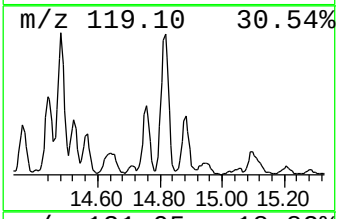


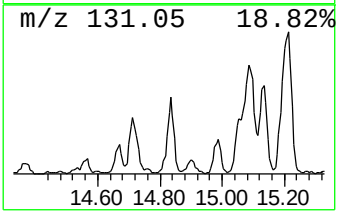












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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-04-012218

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260

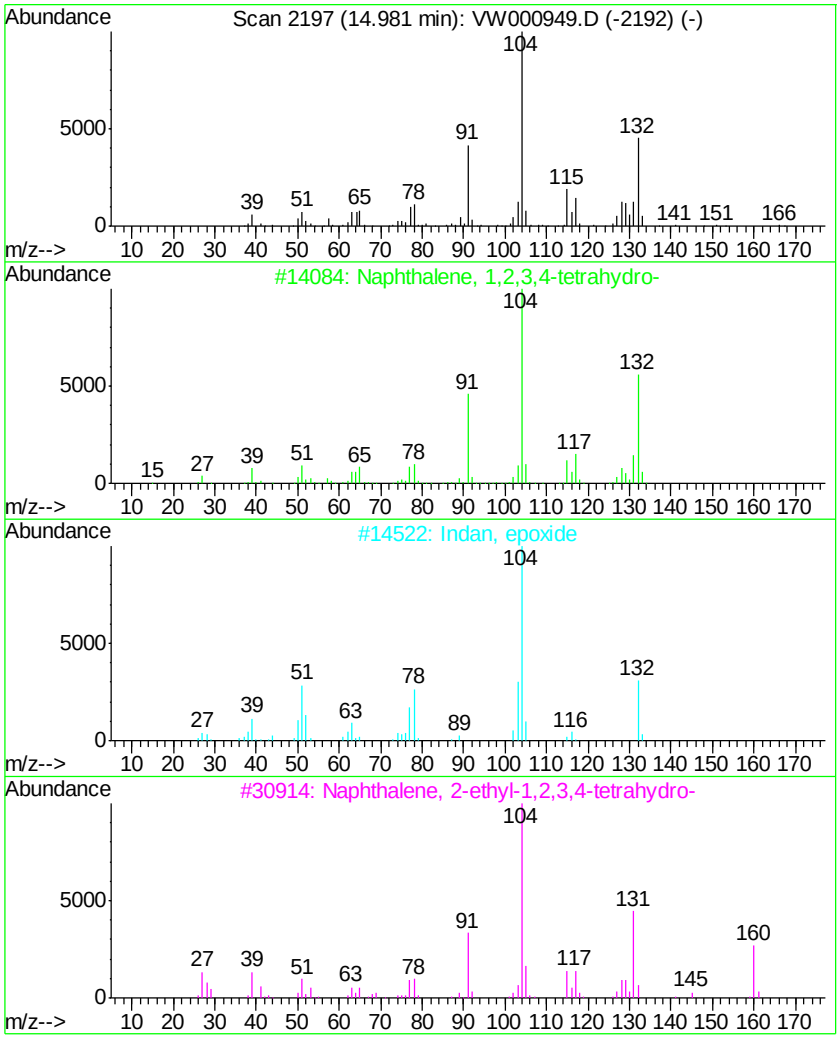
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

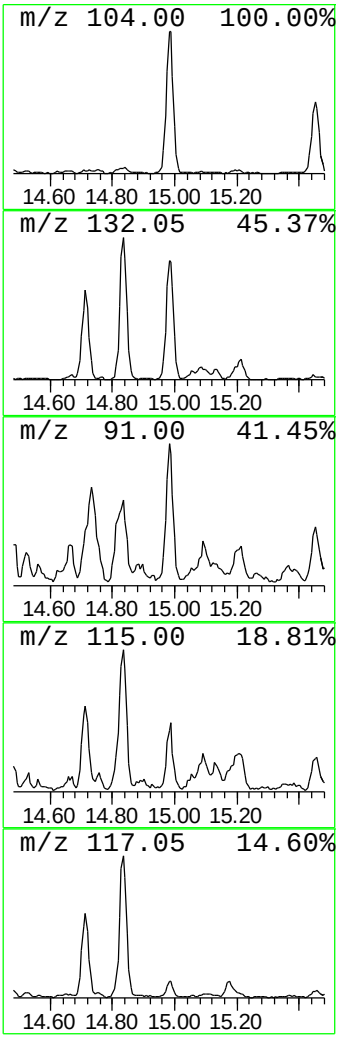
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	8.64 ug/l	179440	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
Data File : VW000949.D
Acq On : 24 Jan 2018 16:11
Operator : JC/SY
Sample : J1022-08
Misc : 5.57G/5.0ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-04-012218

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260

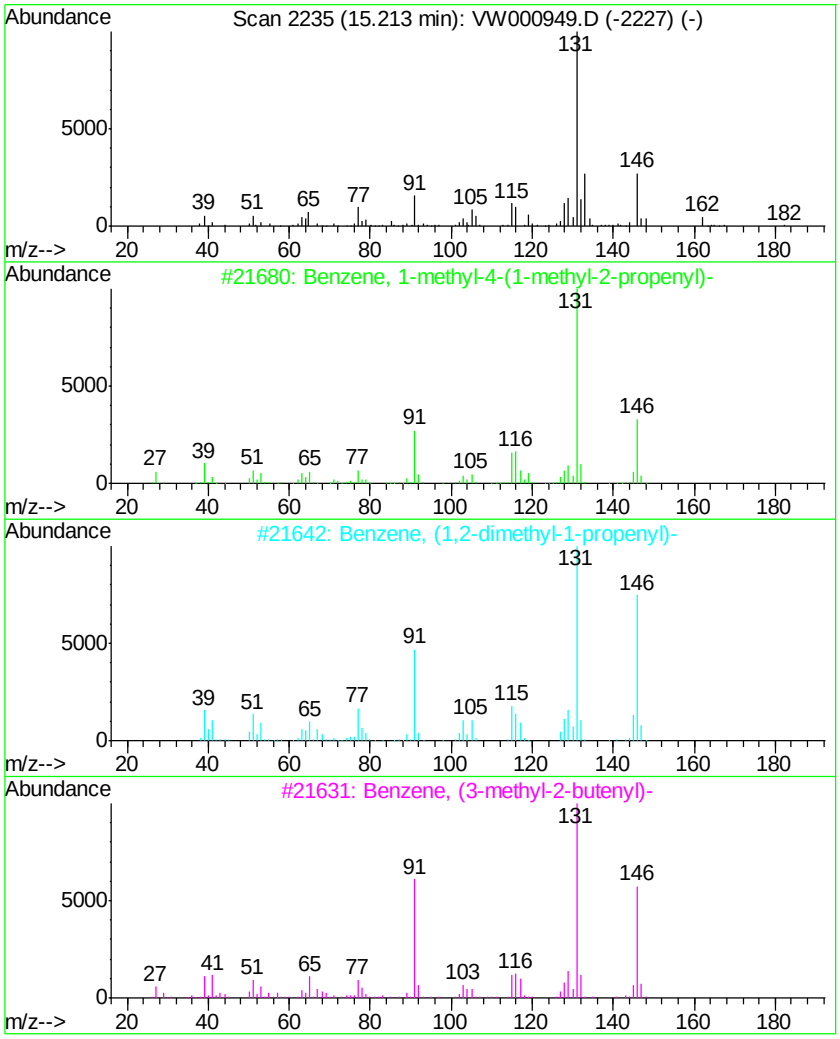
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

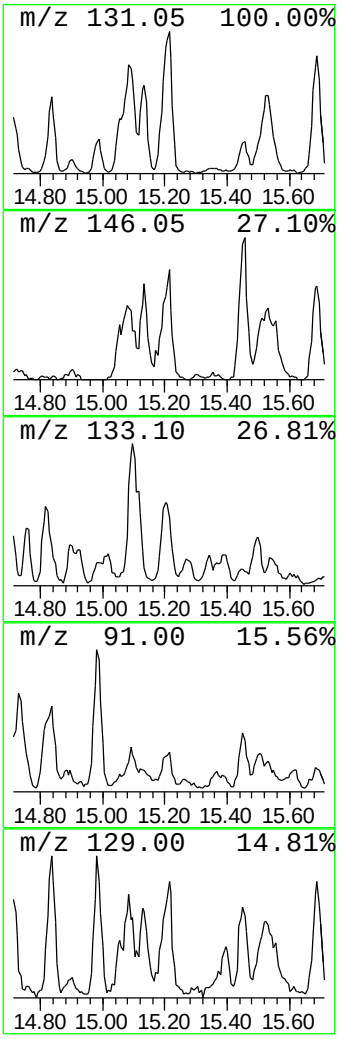
****

Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	6.45 ug/l	133933	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	76





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Data File : VW000949.D
Acq On : 24 Jan 2018 16:11
Operator : JC/SY
Sample : J1022-08
Misc : 5.57G/5.0ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-04-012218

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260

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

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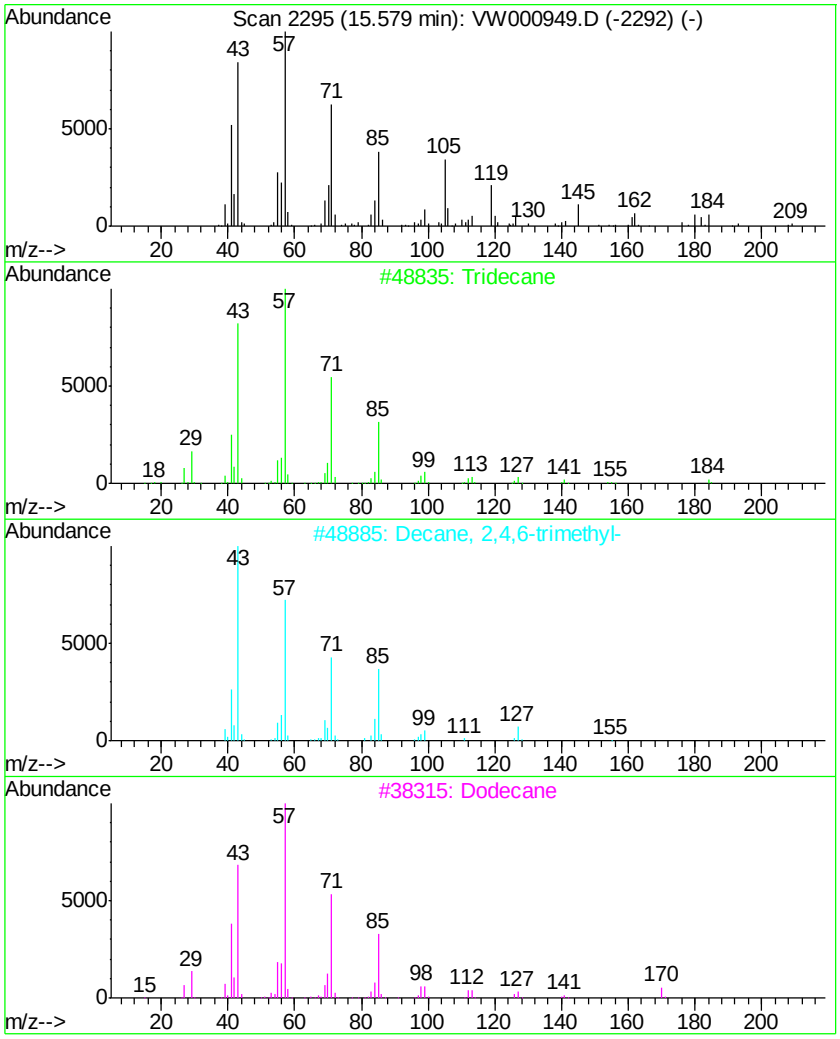
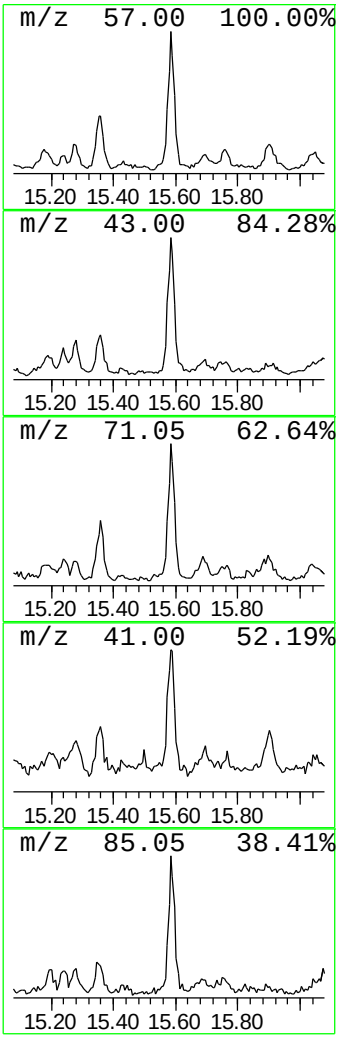
Peak Number 8 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	7.47 ug/l	155151	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	60
2	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	52
3	Dodecane	170	C12H26	000112-40-3	50
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	50
5	10-Methylnonadecane	282	C20H42	056862-62-5	50





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
Data File : VW000949.D
Acq On : 24 Jan 2018 16:11
Operator : JC/SY
Sample : J1022-08
Misc : 5.57G/5.0ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-04-012218

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260

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

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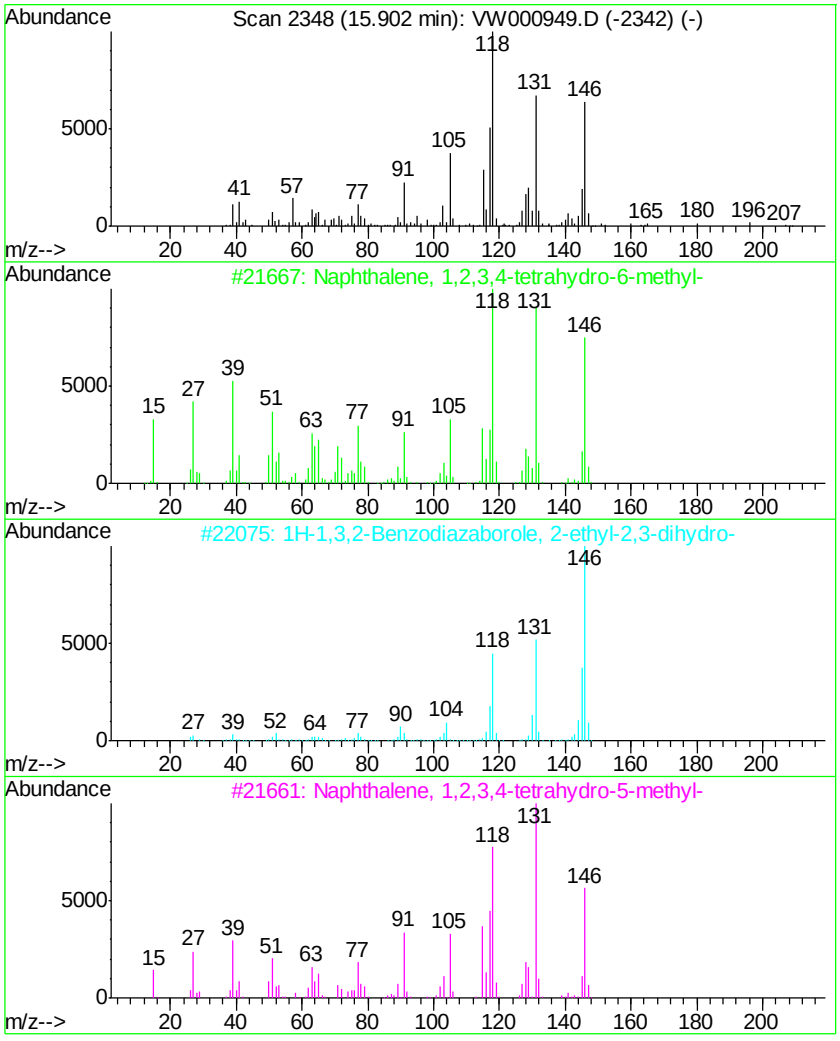
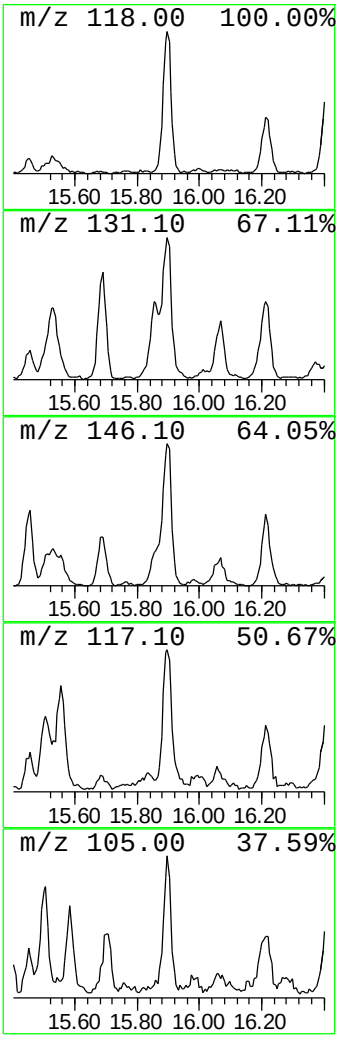
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	11.51 ug/l	239009	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	72
2	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	52
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	41





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
Data File : VW000949.D
Acq On : 24 Jan 2018 16:11
Operator : JC/SY
Sample : J1022-08
Misc : 5.57G/5.0ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-04-012218

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.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
Benzene, 1-etheny...	13.77	8.1	ug/l	169057	4	13.58	1038380	50.0
3-Phenylbut-1-ene	14.71	7.0	ug/l	146022	4	13.58	1038380	50.0
Dodecane	14.75	7.1	ug/l	147519	4	13.58	1038380	50.0
Benzene, 2-etheny...	14.83	18.4	ug/l	381543	4	13.58	1038380	50.0
Naphthalene, 1,2,...	14.98	8.6	ug/l	179440	4	13.58	1038380	50.0
Benzene, 1-methyl...	15.21	6.5	ug/l	133933	4	13.58	1038380	50.0
Tridecane	15.58	7.5	ug/l	155151	4	13.58	1038380	50.0
Naphthalene, 1,2,...	15.90	11.5	ug/l	239009	4	13.58	1038380	50.0