LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
Data File : VD068422.D
Acq On : 23 Feb 2021 13:23
Operator : VA/SY
Sample : M1462-01
Misc : 6.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CL-01-022221

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_D\Method\82D021221S.M
Title : SW846 8260

Signal : TIC: VD068422.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.967	508	518	527	rBV3	12829	38092	1.34%	0.171%
2	7.920	1008	1020	1025	rBV	375034	912720	32.23%	4.087%
3	7.985	1025	1031	1040	rVB	640292	1425727	50.34%	6.384%
4	8.332	1080	1090	1101	rBV	340487	747484	26.39%	3.347%
5	8.867	1171	1181	1191	rBV	1000179	1990319	70.28%	8.913%
6	10.344	1423	1432	1439	rBV	1572331	2832153	100.00%	12.683%
7	11.644	1645	1653	1665	rBV	1362626	2378832	83.99%	10.653%
8	11.855	1683	1689	1701	rVB4	24251	47807	1.69%	0.214%
9	12.179	1733	1744	1753	rBV3	32795	69288	2.45%	0.310%
10	12.485	1790	1796	1805	rBV3	27764	54151	1.91%	0.242%
11	12.632	1814	1821	1832	rVB	1062520	1755510	61.98%	7.861%
12	12.820	1846	1853	1857	rVB2	16784	32219	1.14%	0.144%
13	12.879	1857	1863	1867	rBV	65448	120634	4.26%	0.540%
14	12.914	1867	1869	1872	rVV	48253	70870	2.50%	0.317%
15	12.955	1872	1876	1882	rVV3	99804	183490	6.48%	0.822%
16	13.120	1895	1904	1910	rBV	73362	132047	4.66%	0.591%
17	13.191	1911	1916	1923	rVV7	18145	33322	1.18%	0.149%
18	13.267	1923	1929	1934	rVV	108813	169201	5.97%	0.758%
19	13.461	1955	1962	1966	rBV4	44911	82048	2.90%	0.367%
20	13.514	1966	1971	1974	rVV2	22533	37301	1.32%	0.167%
21	13.573	1974	1981	1991	rVB	1319488	2355748	83.18%	10.549%
22	13.738	2005	2009	2010	rVV2	44638	57866	2.04%	0.259%
23	13.773	2010	2015	2018	rVV2	181268	327199	11.55%	1.465%
24	13.808	2018	2021	2031	rVV3	126129	258411	9.12%	1.157%
25	13.890	2031	2035	2042	rVV2	122412	203322	7.18%	0.910%
26	13.967	2042	2048	2054	rVV	77268	135358	4.78%	0.606%
27	14.032	2054	2059	2061	rVV2	66246	114519	4.04%	0.513%
28	14.055	2061	2063	2068	rVV	84096	125018	4.41%	0.560%
29	14.114	2068	2073	2078	rVV	125226	196992	6.96%	0.882%
30	14.179	2078	2084	2086	rVV	30211	49138	1.74%	0.220%
31	14.226	2086	2092	2097	rVB2	157451	255384	9.02%	1.144%
32	14.361	2109	2115	2118	rBV2	57334	94827	3.35%	0.425%
33	14.408	2118	2123	2125	rVV6	58074	104189	3.68%	0.467%
34	14.438	2125	2128	2132	rVV	72291	129459	4.57%	0.580%
35	14.479	2132	2135	2139	rVV	104648	144430	5.10%	0.647%
36	14.520	2139	2142	2146	rVV	71786	99873	3.53%	0.447%

LSC Area Percent Report

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Data File : VD068422.D
Acq On : 23 Feb 2021 13:23
Operator : VA/SY
Sample : M1462-01
Misc : 6.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CL-01-022221

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_D\Method\82D021221S.M
Title : SW846 8260

37	14.561	2146	2149	2156	rVB4	51366	83151	2.94%	0.372%
38	14.626	2156	2160	2162	rBV4	25134	38385	1.36%	0.172%
39	14.661	2162	2166	2170	rVV2	74965	112155	3.96%	0.502%
40	14.708	2170	2174	2178	rVV2	129995	249039	8.79%	1.115%
41	14.749	2178	2181	2186	rVB2	131048	201180	7.10%	0.901%
42	14.826	2186	2194	2200	rBV4	304725	717815	25.35%	3.214%
43	14.879	2200	2203	2210	rVV2	60153	109274	3.86%	0.489%
44	14.979	2214	2220	2227	rVV	214579	375216	13.25%	1.680%
45	15.090	2228	2239	2243	rVV4	99866	266750	9.42%	1.195%
46	15.132	2244	2246	2251	rVV3	64607	98014	3.46%	0.439%
47	15.208	2253	2259	2266	rVB2	107314	257063	9.08%	1.151%
48	15.361	2280	2285	2289	rBV7	40248	83678	2.95%	0.375%
49	15.455	2295	2301	2306	rBV2	97480	170869	6.03%	0.765%
50	15.508	2306	2310	2313	rBV3	64549	112195	3.96%	0.502%
51	15.596	2321	2325	2334	rVB6	77004	156968	5.54%	0.703%
52	15.696	2334	2342	2349	rBV4	85444	198148	7.00%	0.887%
53	15.773	2350	2355	2360	rVV5	21446	37717	1.33%	0.169%
54	15.867	2364	2371	2372	rVV4	53119	105094	3.71%	0.471%
55	15.902	2373	2377	2386	rVV2	191355	376158	13.28%	1.684%
56	15.996	2389	2393	2397	rVV6	22209	34622	1.22%	0.155%
57	16.073	2399	2406	2422	rVB5	53148	186201	6.57%	0.834%
58	16.226	2424	2432	2438	rBV2	97094	223849	7.90%	1.002%
59	16.426	2455	2466	2472	rBV3	84719	203202	7.17%	0.910%
60	16.490	2472	2477	2482	rBV2	35464	69794	2.46%	0.313%
61	16.702	2505	2513	2519	rBV2	32578	99611	3.52%	0.446%

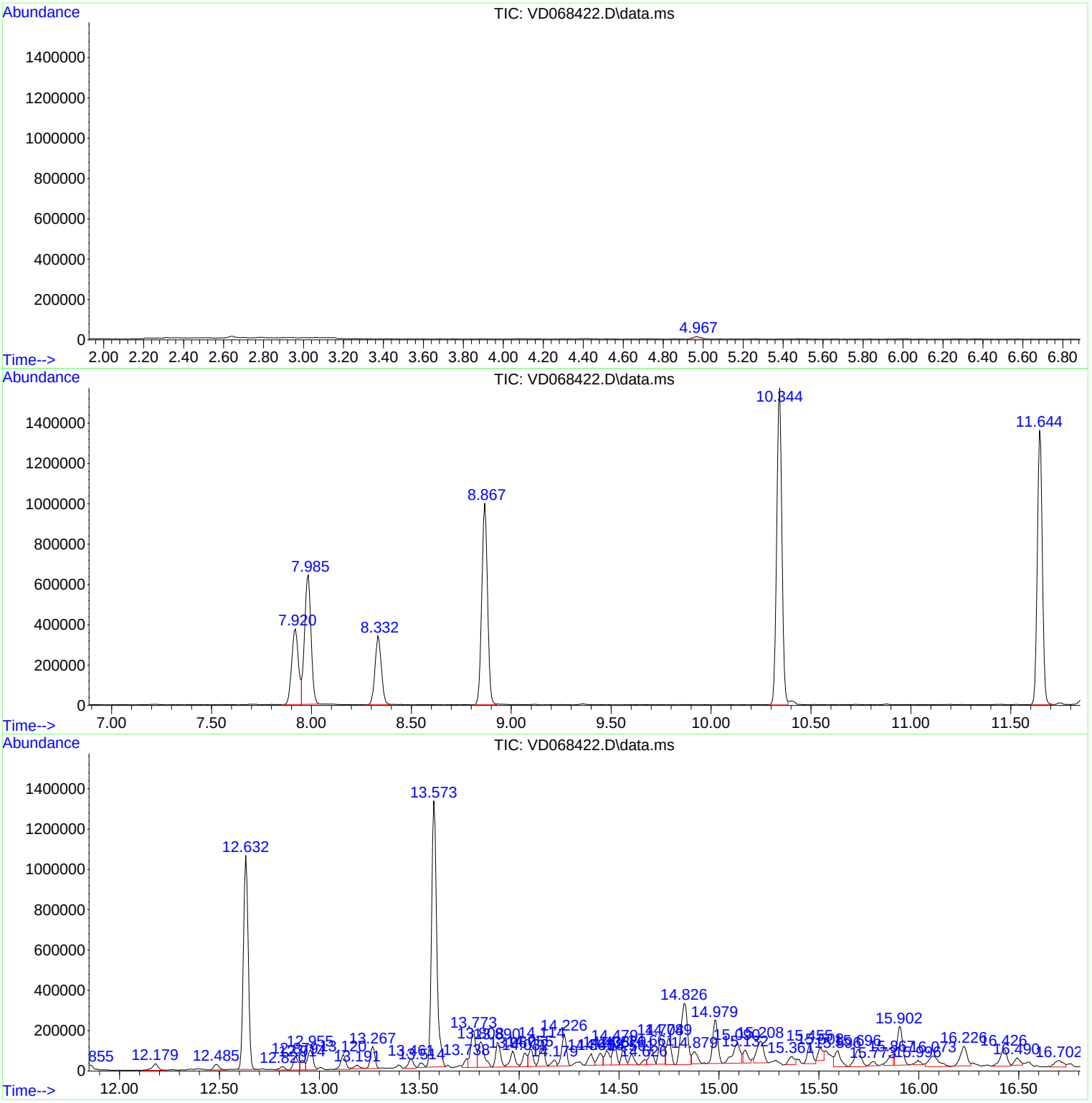
Sum of corrected areas: 22331096

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
Data File : VD068422.D
Acq On : 23 Feb 2021 13:23
Operator : VA/SY
Sample : M1462-01
Misc : 6.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-01-022221

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
Data File : VD068422.D
Acq On : 23 Feb 2021 13:23
Operator : VA/SY
Sample : M1462-01
Misc : 6.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-01-022221

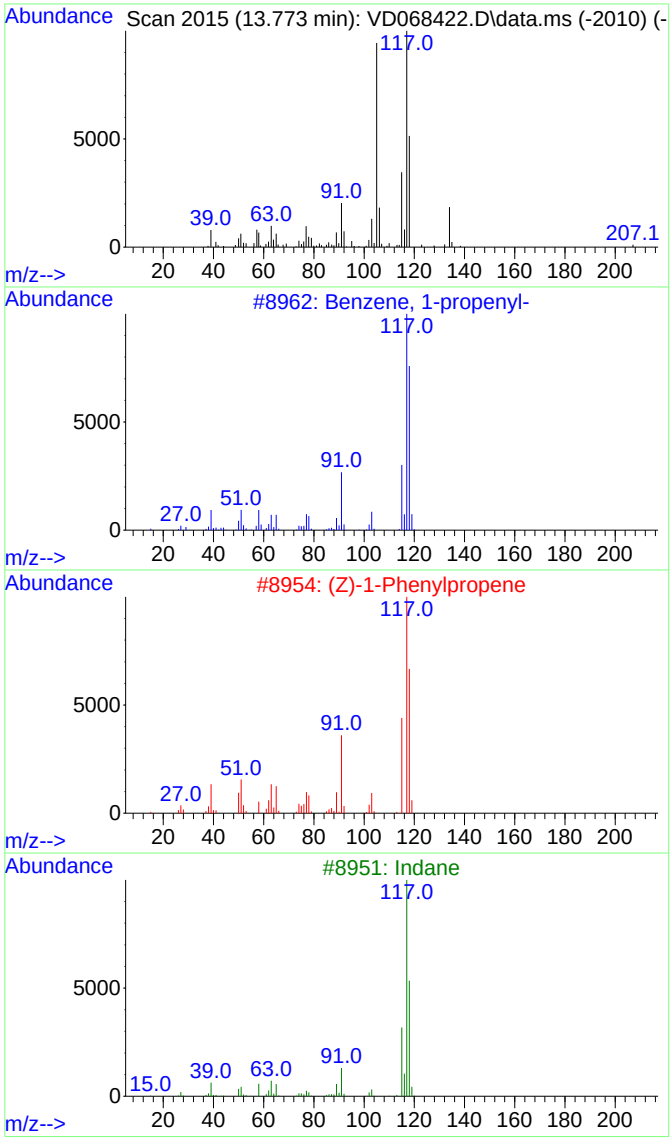
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260

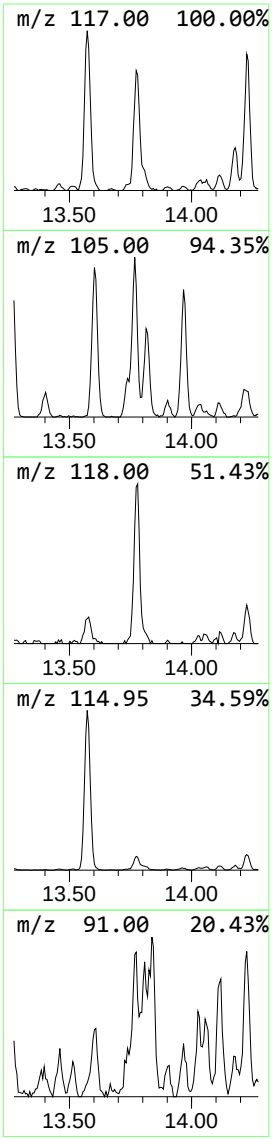
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.773	6.94 ug/l	327199	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64
3	Indane	118	C9H10	000496-11-7	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Deltacyclene	118	C9H10	007785-10-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
Data File : VD068422.D
Acq On : 23 Feb 2021 13:23
Operator : VA/SY
Sample : M1462-01
Misc : 6.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CL-01-022221

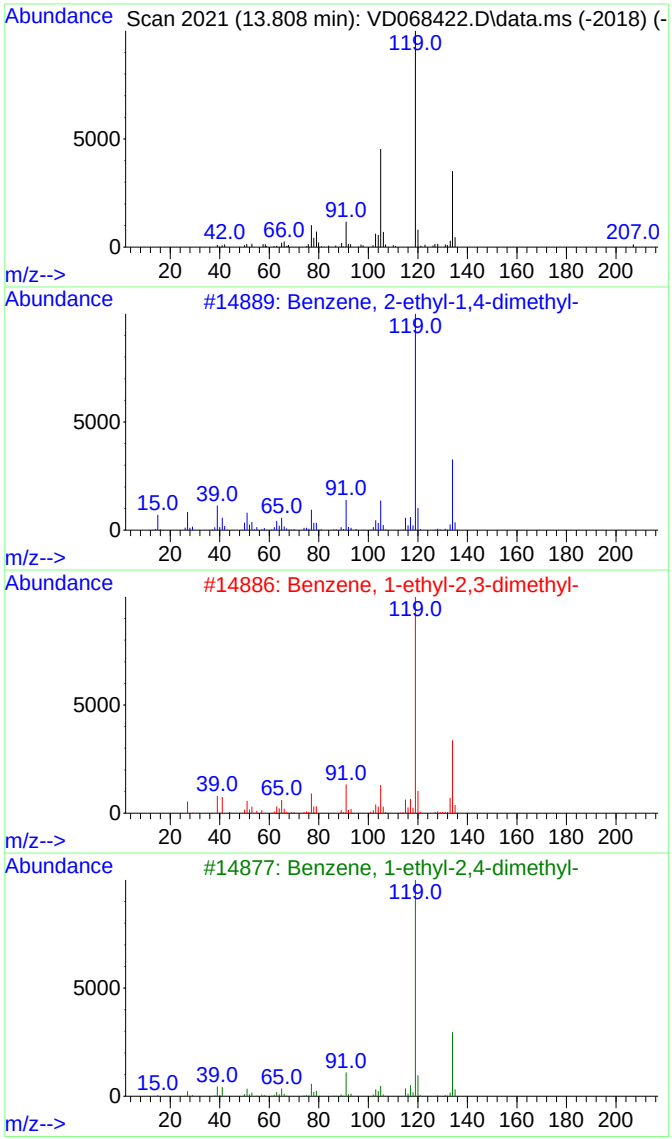
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260

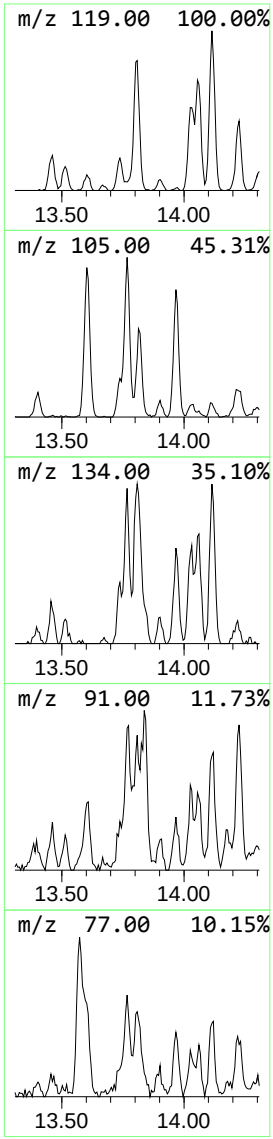
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.808	5.48 ug/l	258411	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
Data File : VD068422.D
Acq On : 23 Feb 2021 13:23
Operator : VA/SY
Sample : M1462-01
Misc : 6.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CL-01-022221

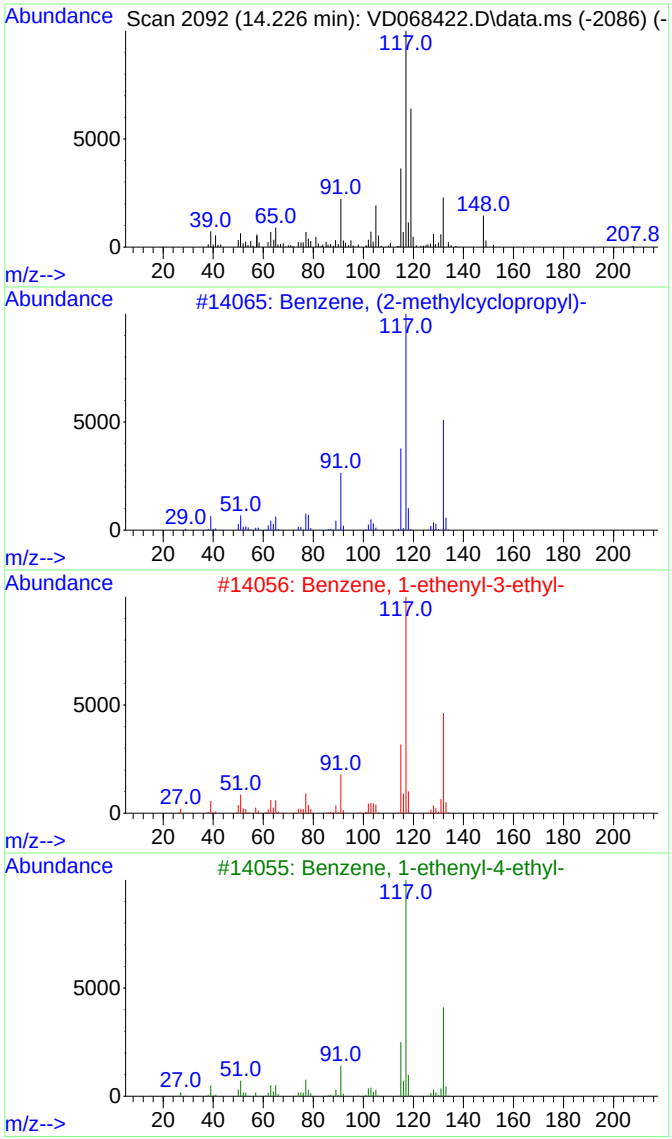
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260

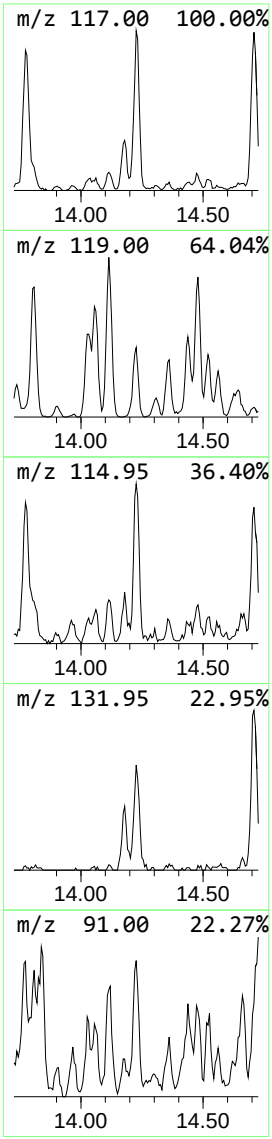
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (2-methylcycloprop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.226	5.42 ug/l	255384	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	53
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	49
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	47
5	Indan, 1-methyl-	132	C10H12	000767-58-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
Data File : VD068422.D
Acq On : 23 Feb 2021 13:23
Operator : VA/SY
Sample : M1462-01
Misc : 6.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-01-022221

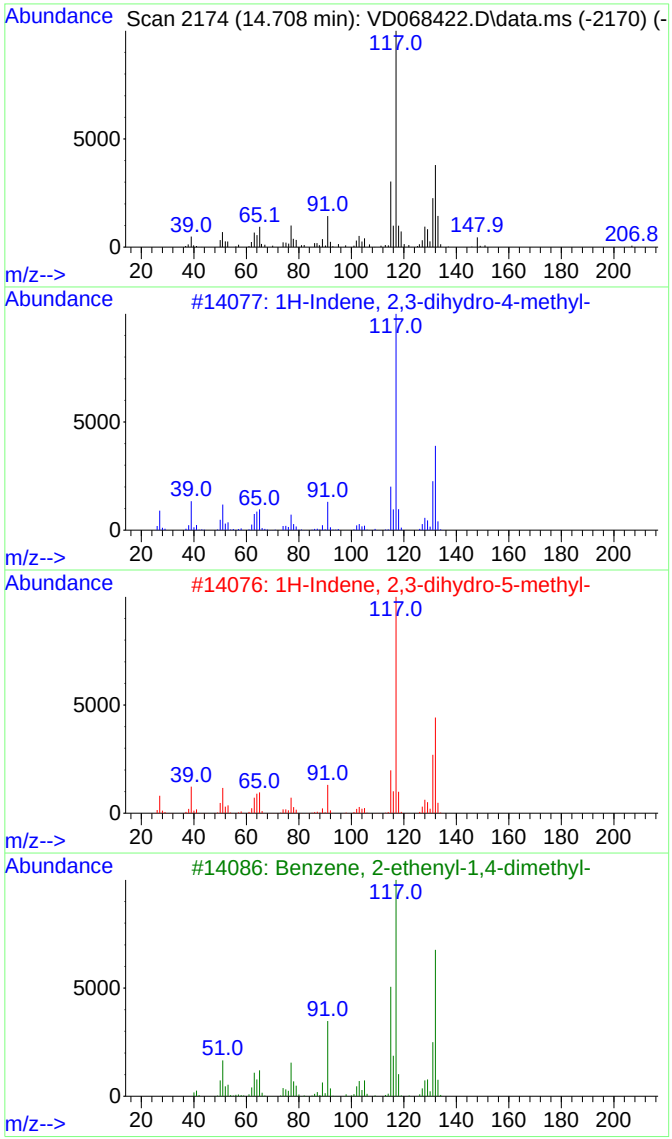
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260

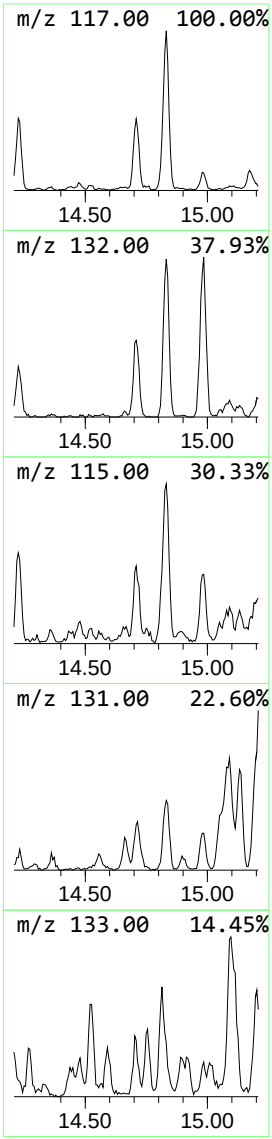
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.708	5.29 ug/l	249039	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
Data File : VD068422.D
Acq On : 23 Feb 2021 13:23
Operator : VA/SY
Sample : M1462-01
Misc : 6.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CL-01-022221

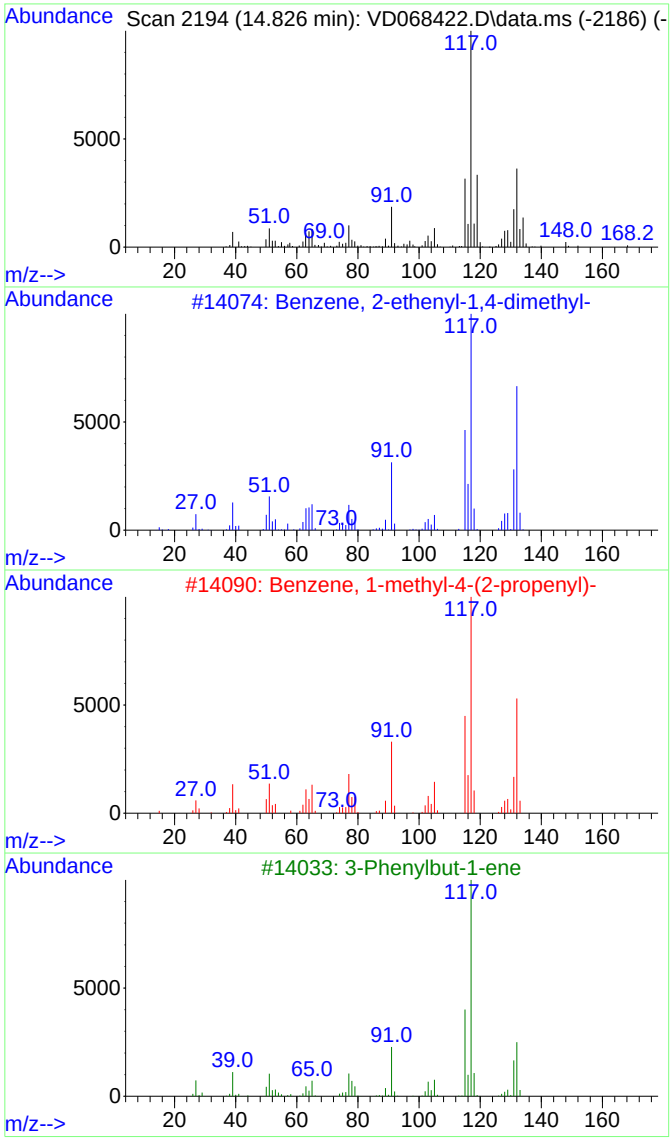
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260

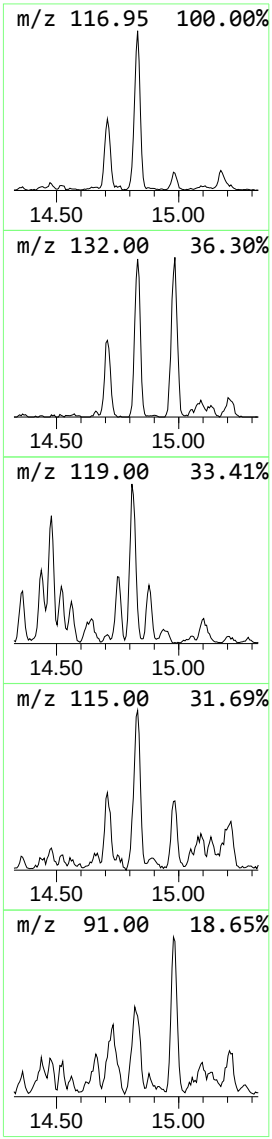
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.826	15.24 ug/l	717815	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80





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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CL-01-022221

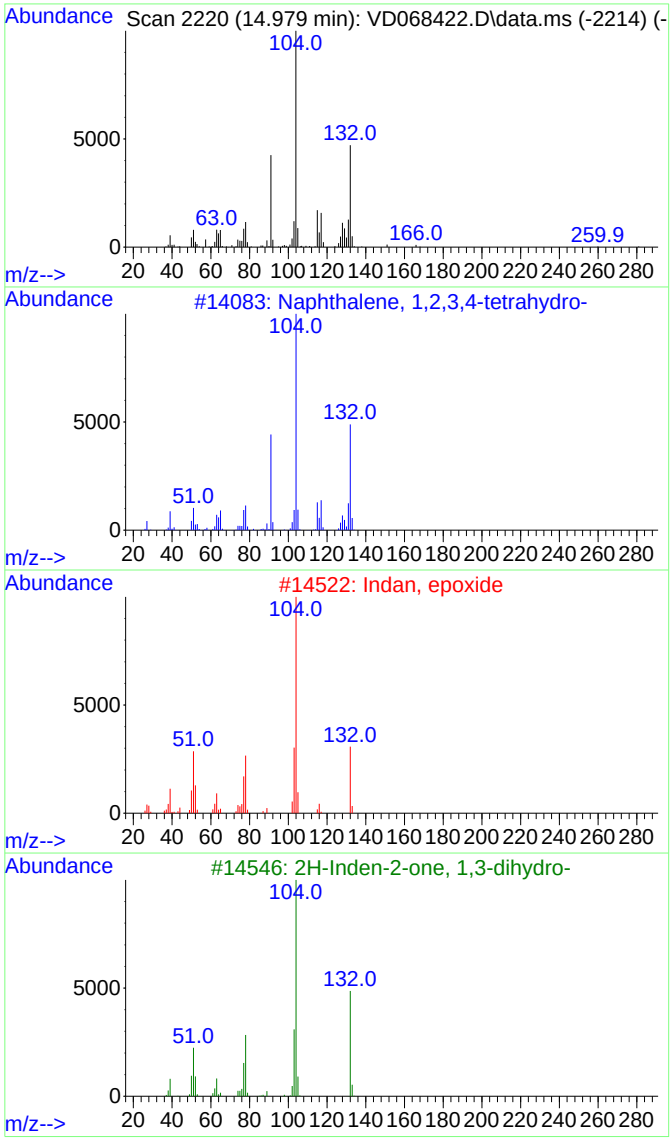
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260

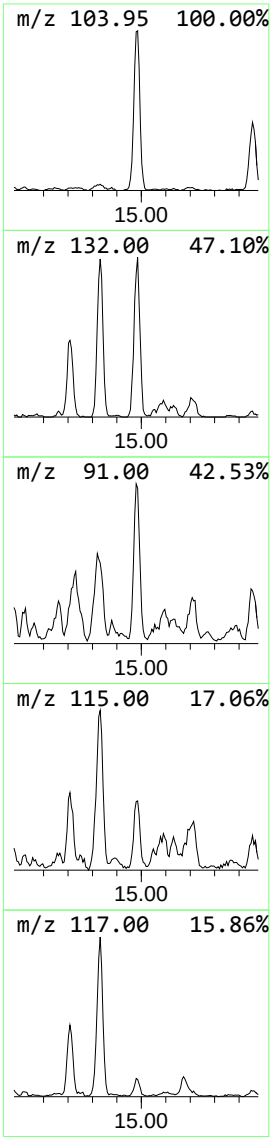
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.979	7.96 ug/l	375216	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
4	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	53
5	Benzene, cyclobutyl-	132	C10H12	004392-30-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
Data File : VD068422.D
Acq On : 23 Feb 2021 13:23
Operator : VA/SY
Sample : M1462-01
Misc : 6.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-01-022221

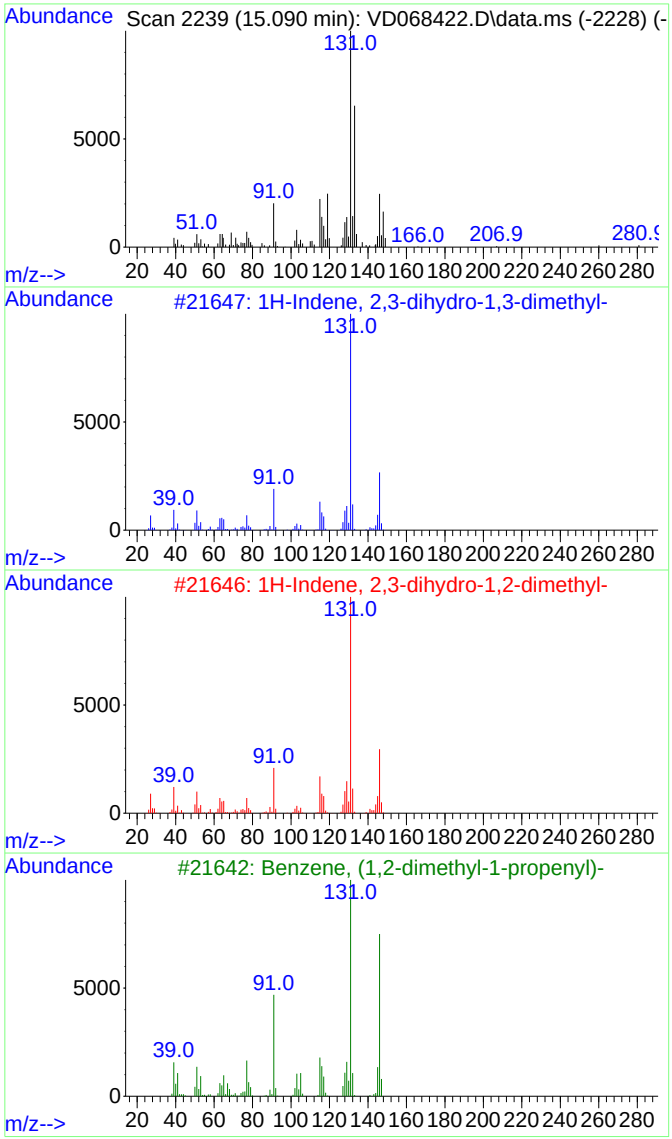
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260

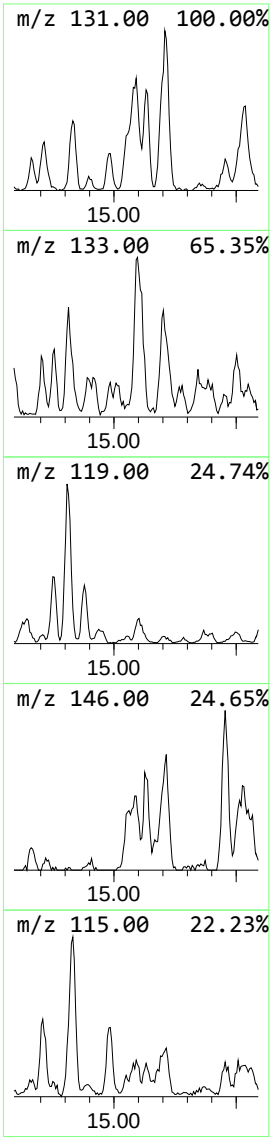
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.090	5.66 ug/l	266750	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
Data File : VD068422.D
Acq On : 23 Feb 2021 13:23
Operator : VA/SY
Sample : M1462-01
Misc : 6.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-01-022221

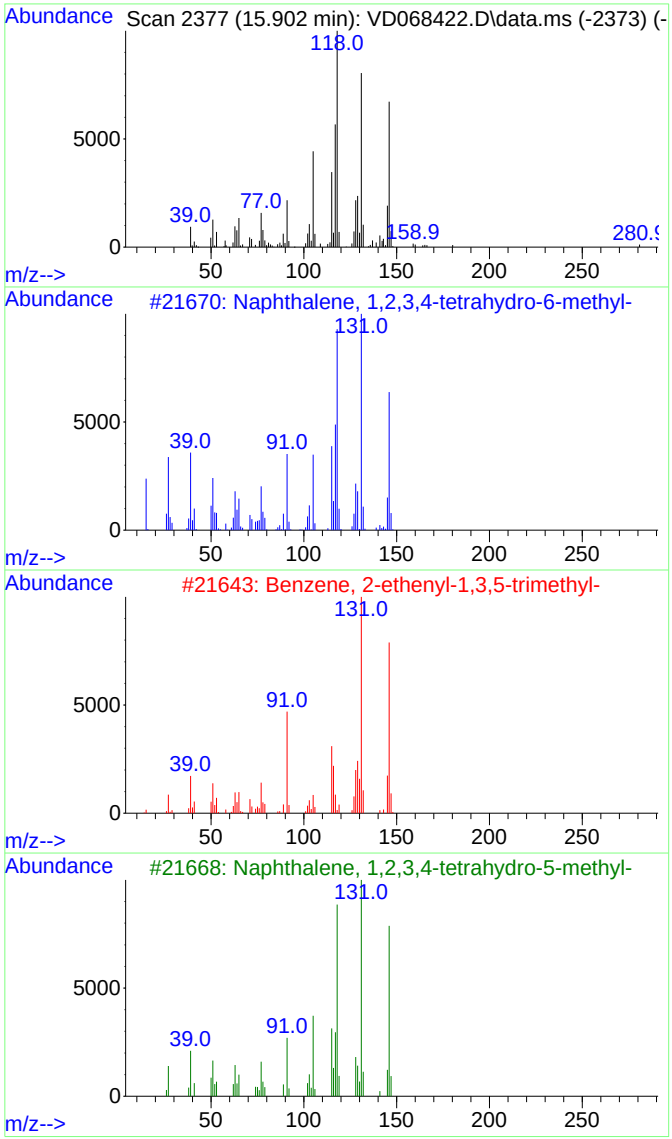
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260

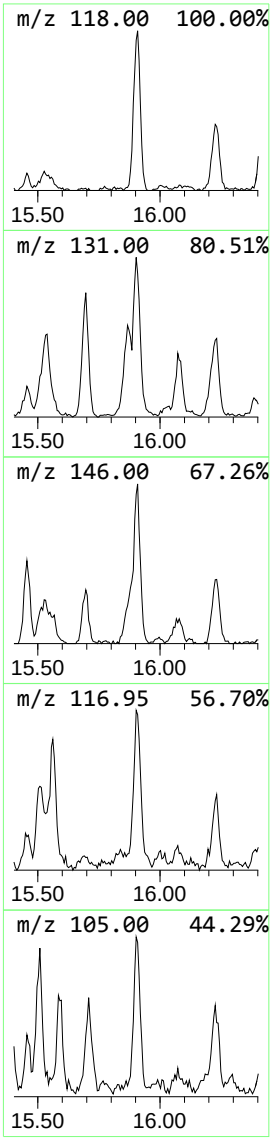
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.902	7.98 ug/l	376158	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	87
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	51
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
Data File : VD068422.D
Acq On : 23 Feb 2021 13:23
Operator : VA/SY
Sample : M1462-01
Misc : 6.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CL-01-022221

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.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-prop...	13.773	6.9	ug/l	327199	4	13.573	2355750	50.0
Benzene, 2-ethy...	13.808	5.5	ug/l	258411	4	13.573	2355750	50.0
Benzene, (2-met...	14.226	5.4	ug/l	255384	4	13.573	2355750	50.0
1H-Indene, 2,3-...	14.708	5.3	ug/l	249039	4	13.573	2355750	50.0
Benzene, 2-ethe...	14.826	15.2	ug/l	717815	4	13.573	2355750	50.0
Naphthalene, 1,...	14.979	8.0	ug/l	375216	4	13.573	2355750	50.0
1H-Indene, 2,3-...	15.090	5.7	ug/l	266750	4	13.573	2355750	50.0
Naphthalene, 1,...	15.902	8.0	ug/l	376158	4	13.573	2355750	50.0