LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
Data File : VD071882.D
Acq On : 02 Feb 2022 16:34
Operator : VA/SY
Sample : N1373-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222

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\82D012622S.M
Title : SW846 8260

Signal : TIC: VD071882.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.908	1009	1018	1023	rBV2	88185	207915	36.13%	3.905%
2	7.973	1023	1029	1037	rVB	117452	272148	47.30%	5.111%
3	8.320	1081	1088	1098	rVB2	110580	248010	43.10%	4.658%
4	8.861	1170	1180	1189	rBV	187956	391185	67.98%	7.346%
5	10.332	1422	1430	1439	rBV	292715	547086	95.08%	10.274%
6	11.638	1643	1652	1660	rBV	305807	519924	90.36%	9.764%
7	11.843	1677	1687	1692	rBV6	8685	19200	3.34%	0.361%
8	12.620	1814	1819	1831	rVB	212169	378681	65.81%	7.112%
9	12.808	1848	1851	1856	rVV4	7083	11499	2.00%	0.216%
10	12.873	1856	1862	1866	rVV3	18323	36009	6.26%	0.676%
11	12.938	1866	1873	1879	rVV4	41952	89161	15.50%	1.674%
12	12.996	1879	1883	1888	rVB6	6160	10696	1.86%	0.201%
13	13.108	1896	1902	1909	rBV5	13686	27249	4.74%	0.512%
14	13.179	1909	1914	1919	rBV4	9249	14509	2.52%	0.272%
15	13.255	1921	1927	1937	rBV	60450	103169	17.93%	1.938%
16	13.390	1946	1950	1954	rVB5	7462	10608	1.84%	0.199%
17	13.449	1954	1960	1964	rBV8	15802	31159	5.42%	0.585%
18	13.496	1964	1968	1972	rVB7	6688	8974	1.56%	0.169%
19	13.561	1972	1979	1989	rBV2	315105	575413	100.00%	10.806%
20	13.761	2003	2013	2016	rBV2	53661	108875	18.92%	2.045%
21	13.802	2016	2020	2023	rVV2	16118	26051	4.53%	0.489%
22	13.879	2029	2033	2040	rBV3	57524	98617	17.14%	1.852%
23	13.955	2040	2046	2051	rVV	25304	47991	8.34%	0.901%
24	14.020	2052	2057	2059	rVV3	21602	36330	6.31%	0.682%
25	14.049	2059	2062	2066	rVV2	28318	40208	6.99%	0.755%
26	14.102	2066	2071	2076	rVB2	33473	50753	8.82%	0.953%
27	14.167	2078	2082	2085	rVB5	10163	11313	1.97%	0.212%
28	14.208	2085	2089	2096	rVB3	42810	70321	12.22%	1.321%
29	14.279	2096	2101	2106	rVB7	5174	13095	2.28%	0.246%
30	14.343	2106	2112	2116	rBV5	19005	33198	5.77%	0.623%
31	14.390	2116	2120	2123	rBV5	15787	25362	4.41%	0.476%
32	14.432	2123	2127	2129	rVV5	12694	21435	3.73%	0.403%
33	14.461	2129	2132	2136	rVB2	23855	33365	5.80%	0.627%
34	14.508	2136	2140	2144	rVB3	18067	20706	3.60%	0.389%
35	14.549	2144	2147	2155	rVB7	17021	30247	5.26%	0.568%
36	14.608	2155	2157	2158	rBV2	8083	5920	1.03%	0.111%

LSC Area Percent Report

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Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222

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\82D012622S.M
Title : SW846 8260

37	14.649	2160	2164	2167	rVB5	20424	25494	4.43%	0.479%
38	14.696	2167	2172	2176	rBV3	37268	74213	12.90%	1.394%
39	14.732	2176	2178	2184	rVB4	39923	59192	10.29%	1.112%
40	14.814	2184	2192	2198	rBV4	74491	189110	32.87%	3.551%
41	14.967	2213	2218	2225	rVB2	74588	122475	21.28%	2.300%
42	15.043	2225	2231	2232	rBV6	9302	14366	2.50%	0.270%
43	15.079	2233	2237	2240	rVV6	20786	36763	6.39%	0.690%
44	15.114	2240	2243	2248	rVV7	14167	29168	5.07%	0.548%
45	15.196	2252	2257	2262	rVB7	24064	49870	8.67%	0.937%
46	15.349	2278	2283	2284	rBV5	10855	15747	2.74%	0.296%
47	15.379	2284	2288	2293	rVV3	26125	46579	8.09%	0.875%
48	15.443	2293	2299	2303	rVV4	25458	49718	8.64%	0.934%
49	15.490	2303	2307	2310	rVV6	20211	37571	6.53%	0.706%
50	15.520	2310	2312	2315	rVV4	17077	24586	4.27%	0.462%
51	15.579	2318	2322	2330	rVV8	14028	29988	5.21%	0.563%
52	15.684	2332	2340	2346	rBV9	16156	37381	6.50%	0.702%
53	15.749	2348	2351	2357	rVV7	5837	10378	1.80%	0.195%
54	15.855	2359	2369	2370	rVV7	10029	21895	3.81%	0.411%
55	15.890	2370	2375	2382	rVB6	39686	81313	14.13%	1.527%
56	15.979	2388	2390	2394	rVB4	6833	8861	1.54%	0.166%
57	16.055	2397	2403	2404	rBV6	7355	10789	1.88%	0.203%
58	16.214	2419	2430	2436	rBV9	23697	60278	10.48%	1.132%
59	16.408	2453	2463	2469	rBV8	13776	36802	6.40%	0.691%
60	16.479	2470	2475	2483	rVB3	15866	32751	5.69%	0.615%
61	16.684	2502	2510	2516	rBV5	16631	43155	7.50%	0.810%

Sum of corrected areas: 5324825

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Data File : VD071882.D
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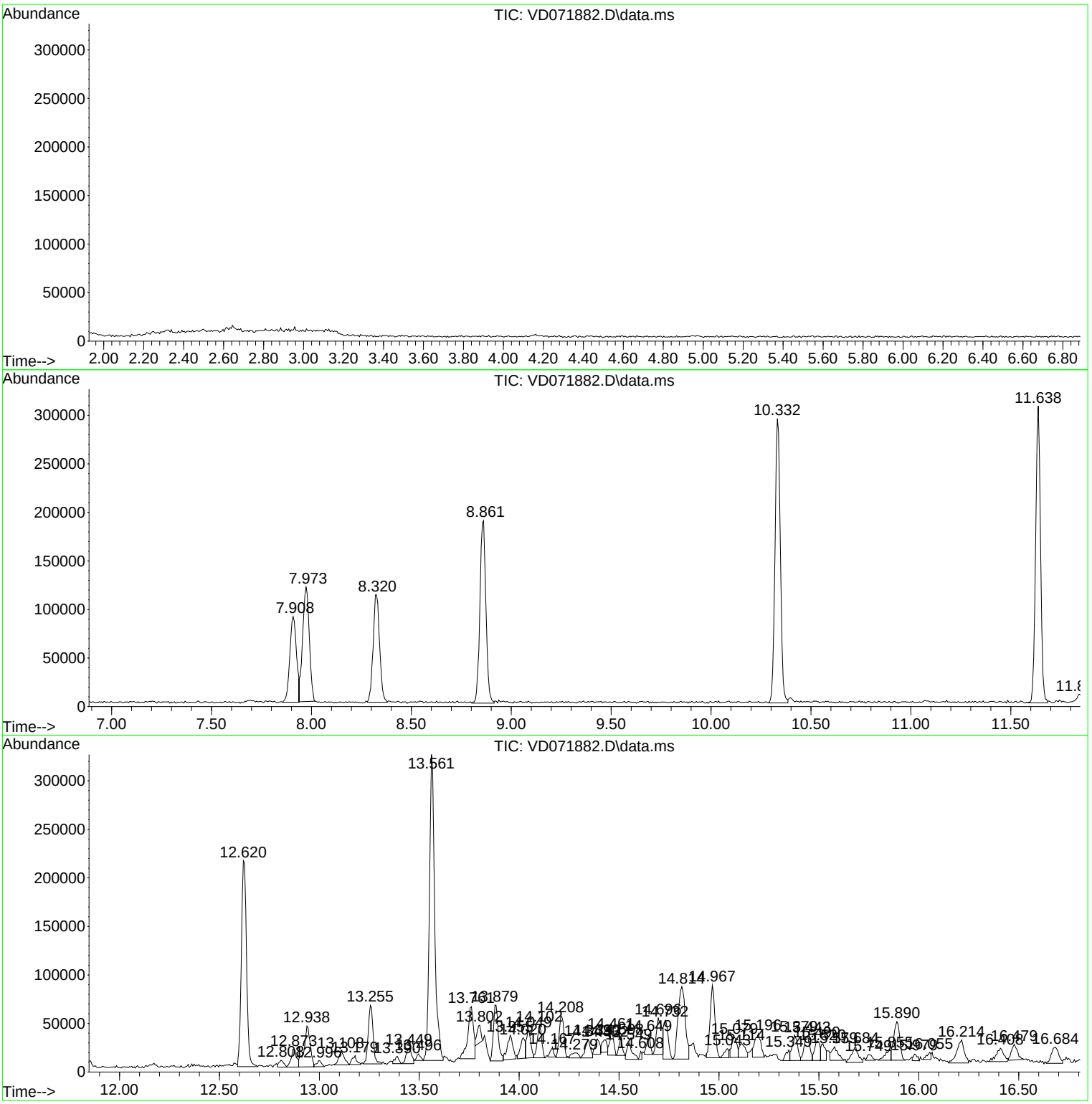
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
Data File : VD071882.D
Acq On : 02 Feb 2022 16:34
Operator : VA/SY
Sample : N1373-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222

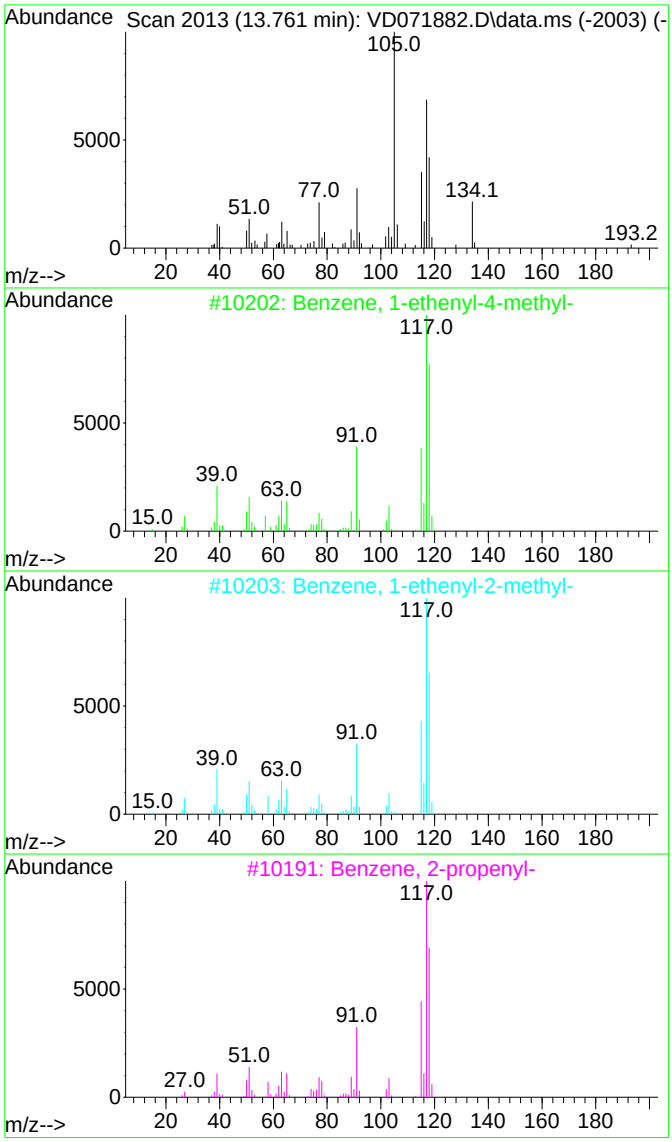
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

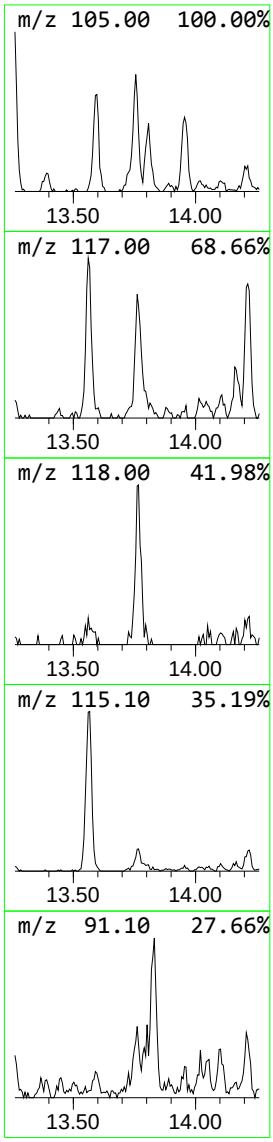
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethenyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.761	9.46 ug/l	108875	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	55
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
Data File : VD071882.D
Acq On : 02 Feb 2022 16:34
Operator : VA/SY
Sample : N1373-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222

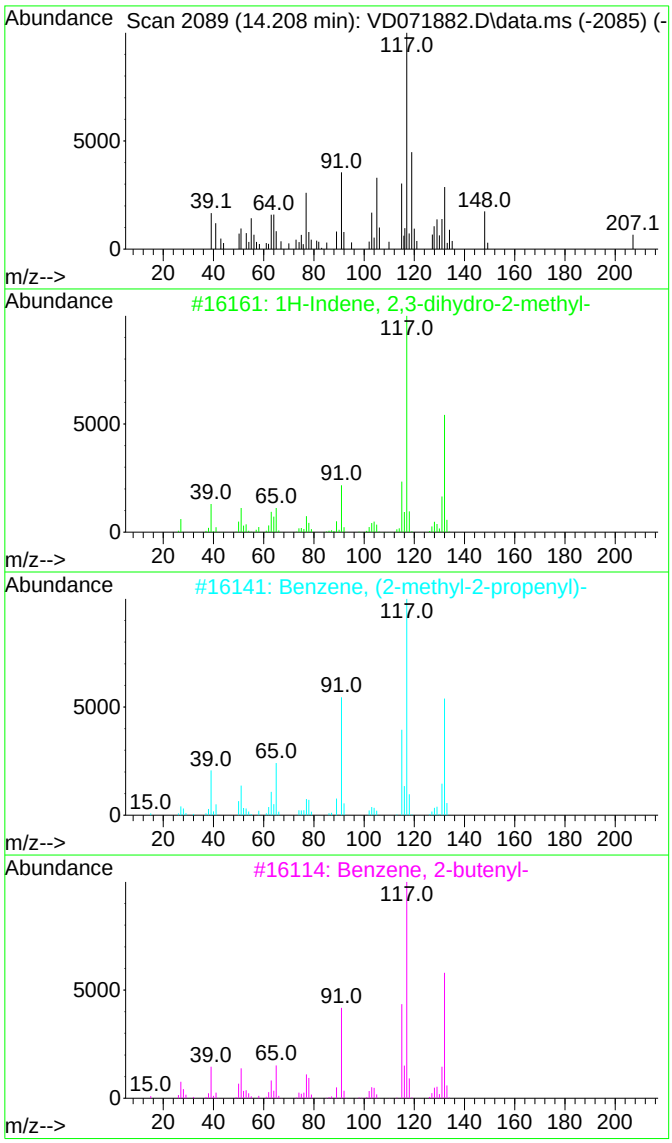
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

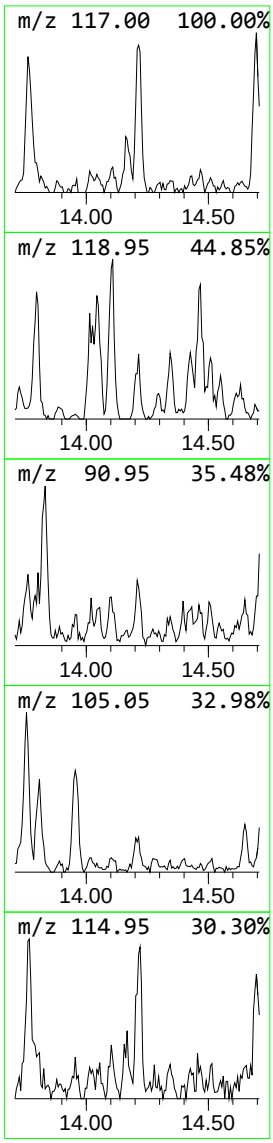
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.208	6.11 ug/l	70321	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	58
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	58
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	58
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	58
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
Data File : VD071882.D
Acq On : 02 Feb 2022 16:34
Operator : VA/SY
Sample : N1373-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222

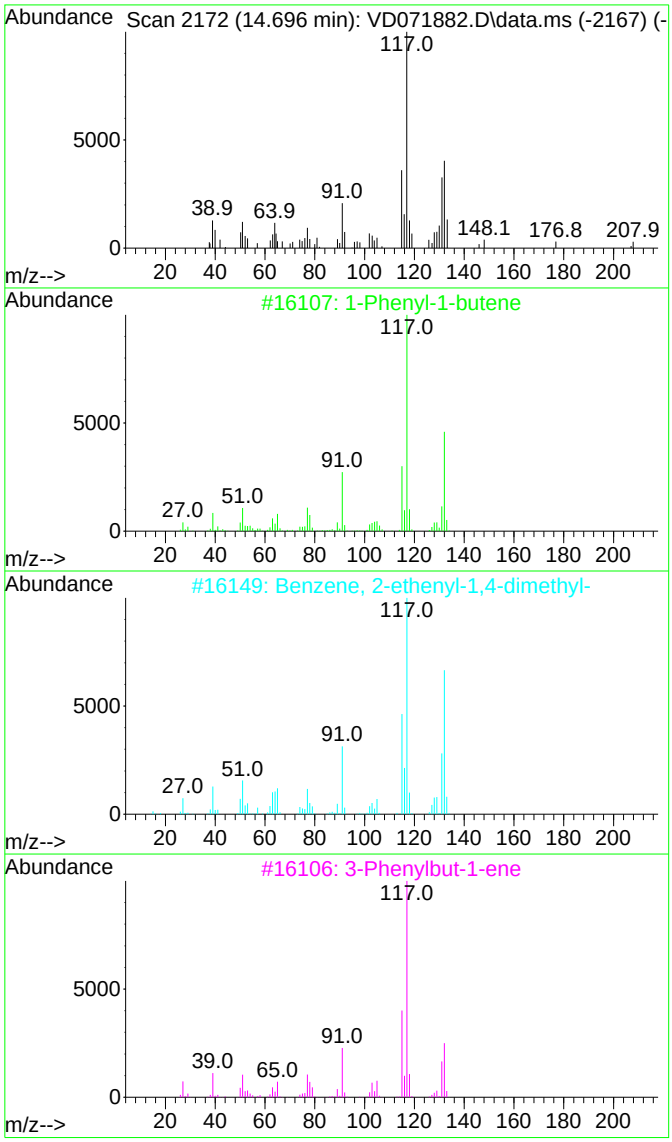
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

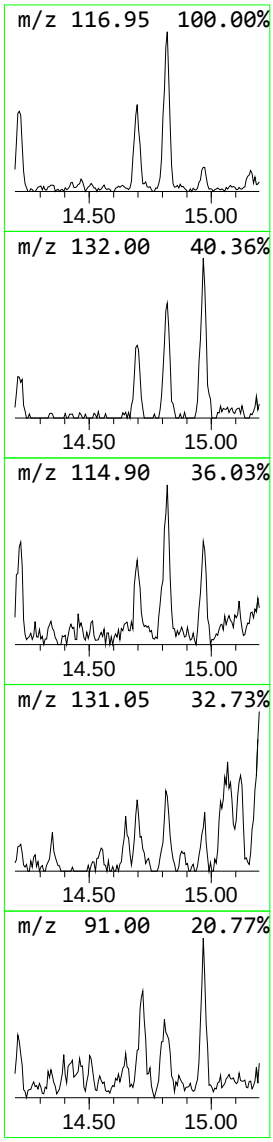
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.696	6.45 ug/l	74213	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
Data File : VD071882.D
Acq On : 02 Feb 2022 16:34
Operator : VA/SY
Sample : N1373-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

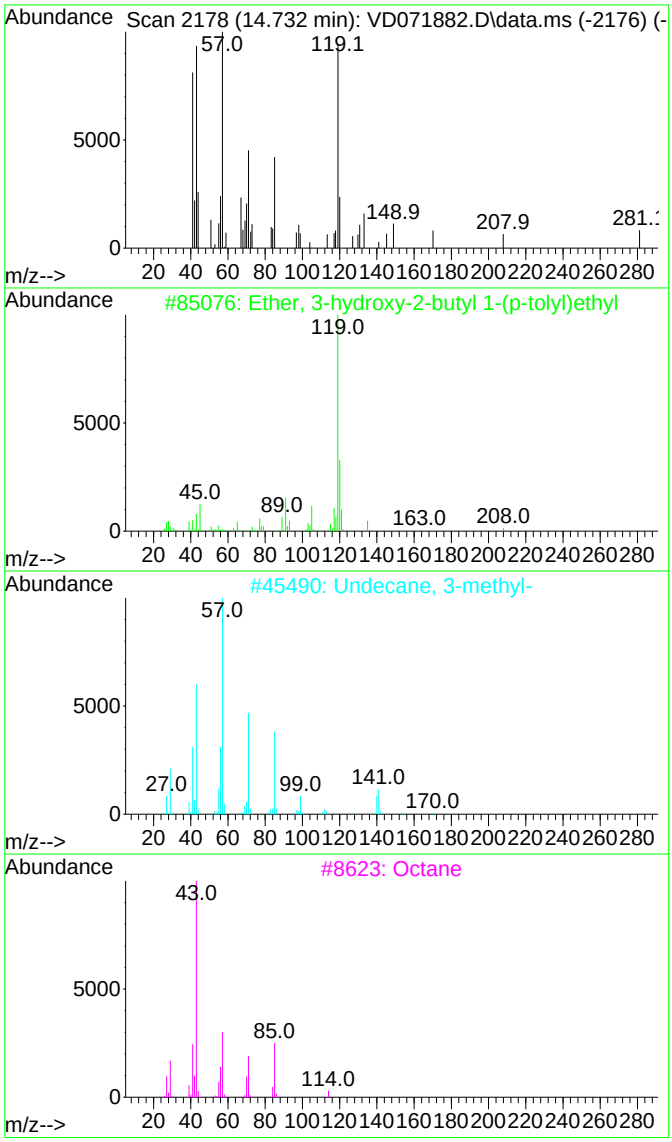
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

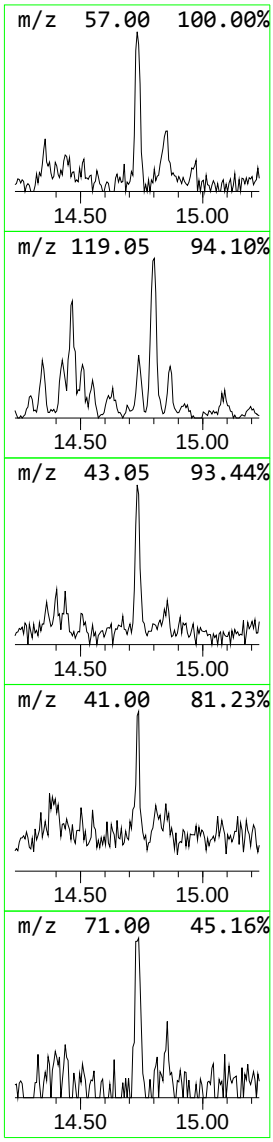
****

Peak Number 4 unknown14.732 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	5.14 ug/l	59192	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, 3-hydroxy-2-butyl 1-(p-to...	208	C13H20O2	1000149-41-9	35
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	22
3	Octane	114	C8H18	000111-65-9	22
4	Tetradecane	198	C14H30	000629-59-4	22
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
Data File : VD071882.D
Acq On : 02 Feb 2022 16:34
Operator : VA/SY
Sample : N1373-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222

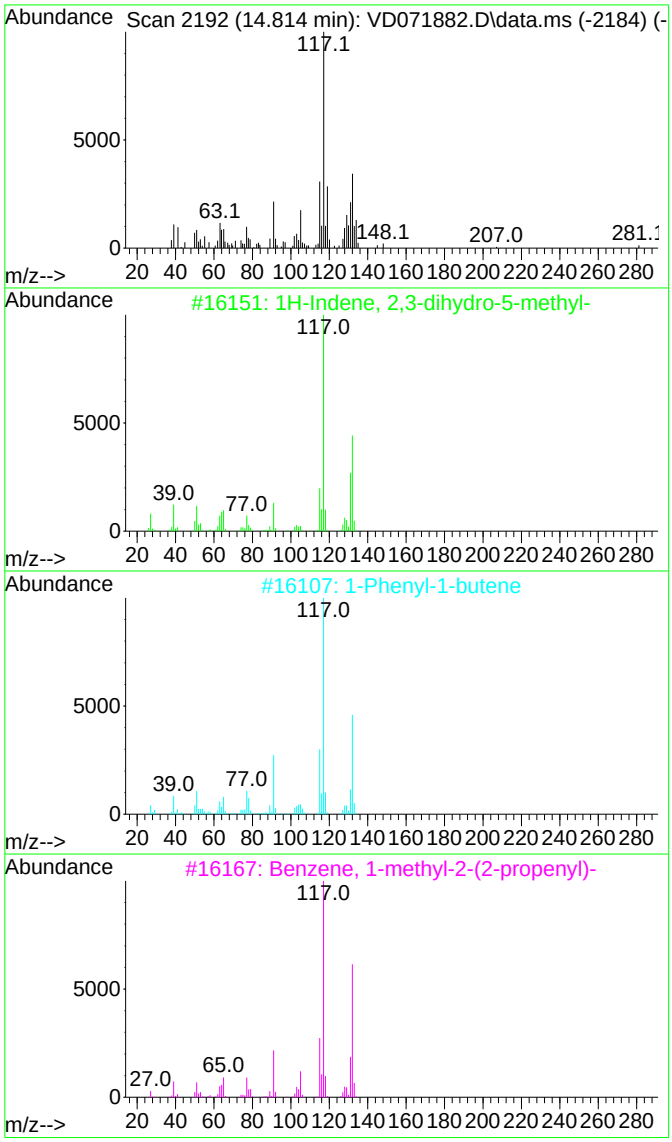
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

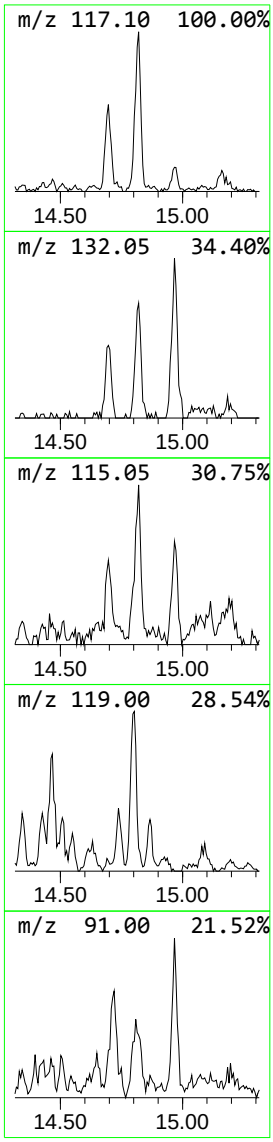
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	16.43 ug/l	189110	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	62
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	60
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	58





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Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222

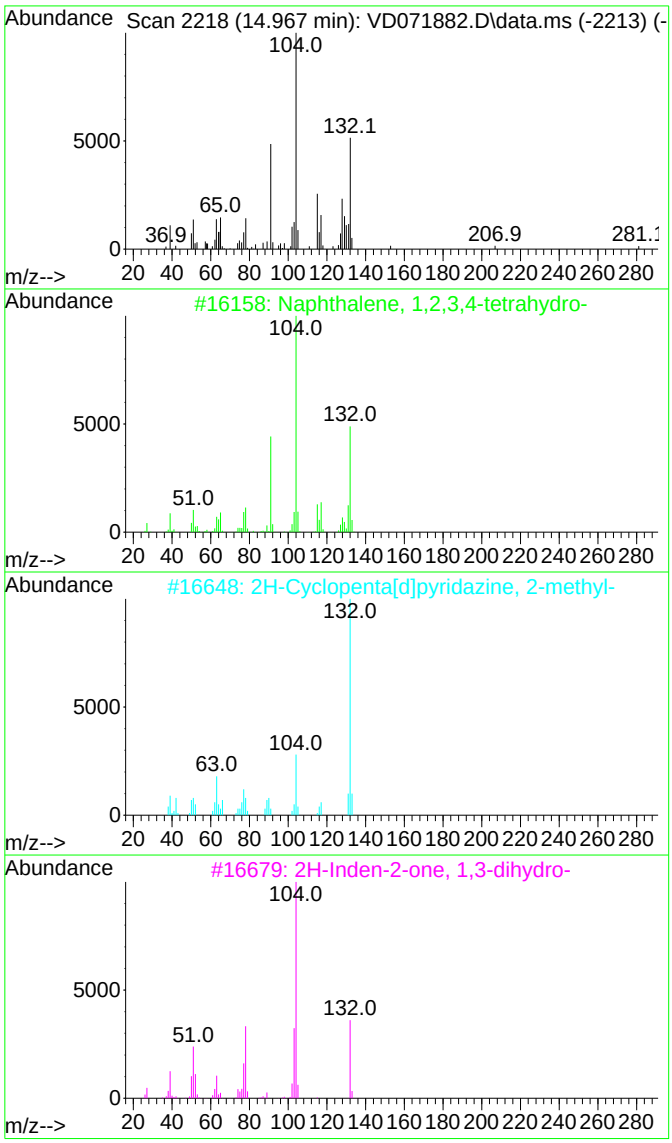
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

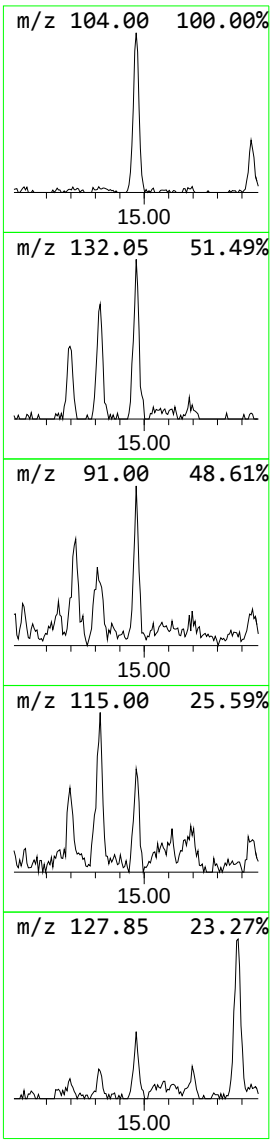
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.967	10.64 ug/l	122475	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	52
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	27
5	Phensuximide	189	C11H11NO2	000086-34-0	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
Data File : VD071882.D
Acq On : 02 Feb 2022 16:34
Operator : VA/SY
Sample : N1373-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222

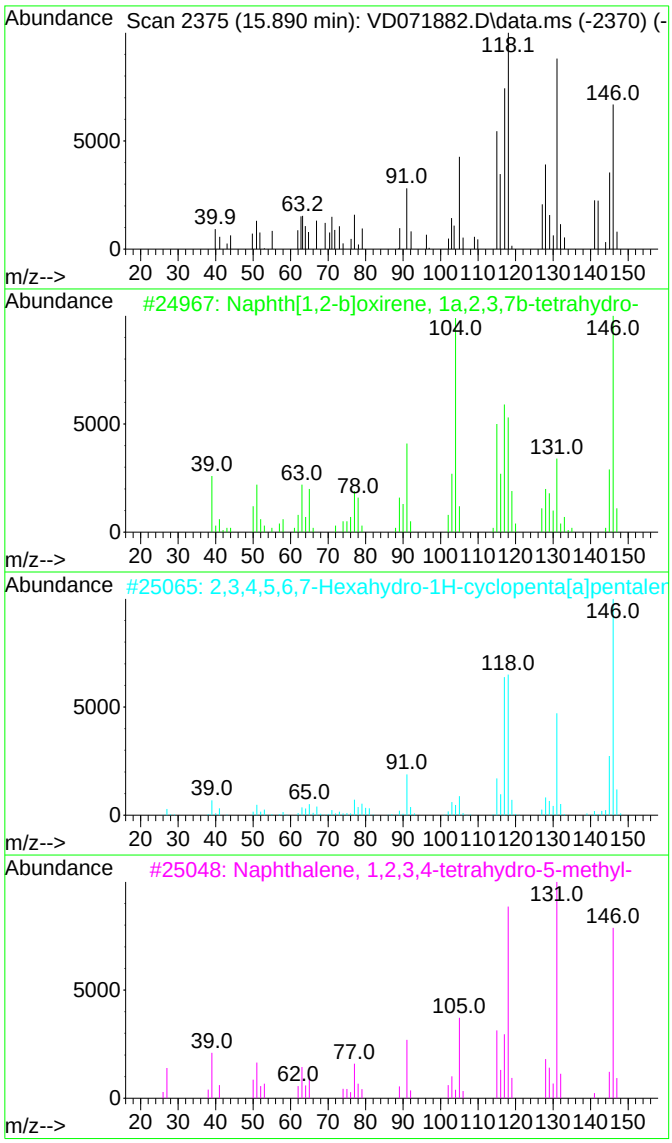
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

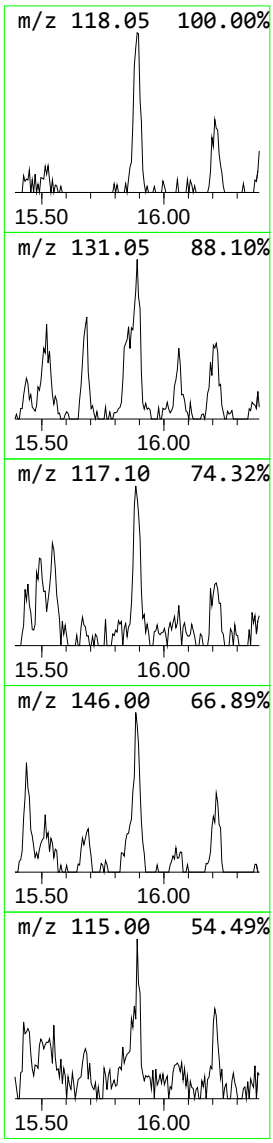
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphth[1,2-b]oxirene, 1a,2,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.890	7.07 ug/l	81313	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	74
2	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	62
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	60
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
Data File : VD071882.D
Acq On : 02 Feb 2022 16:34
Operator : VA/SY
Sample : N1373-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222

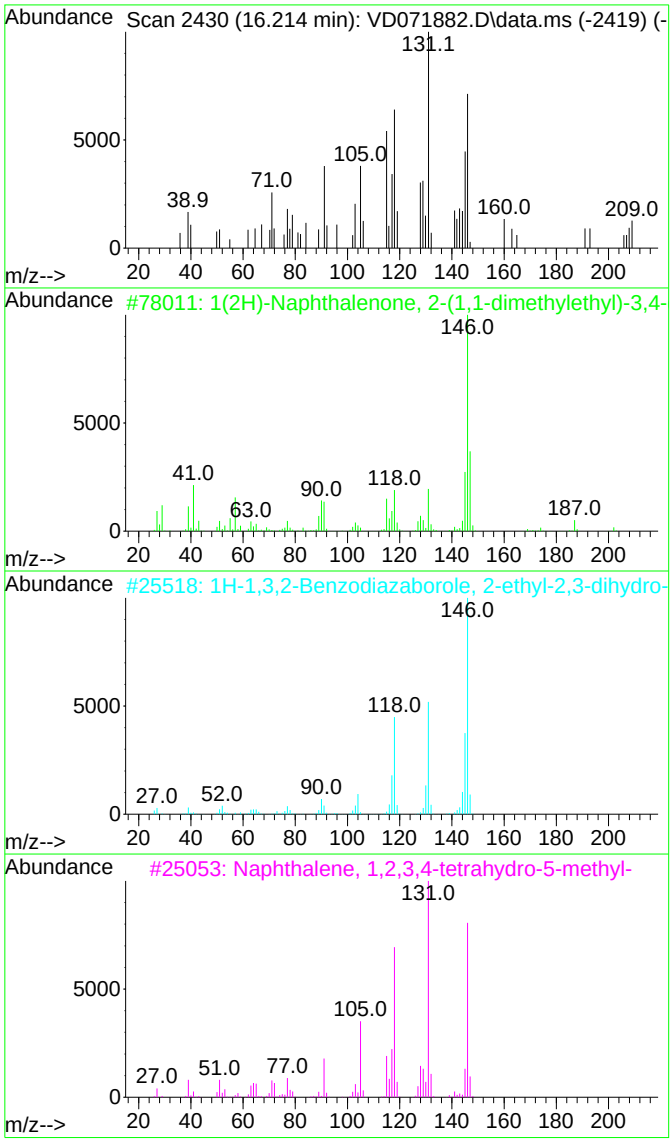
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

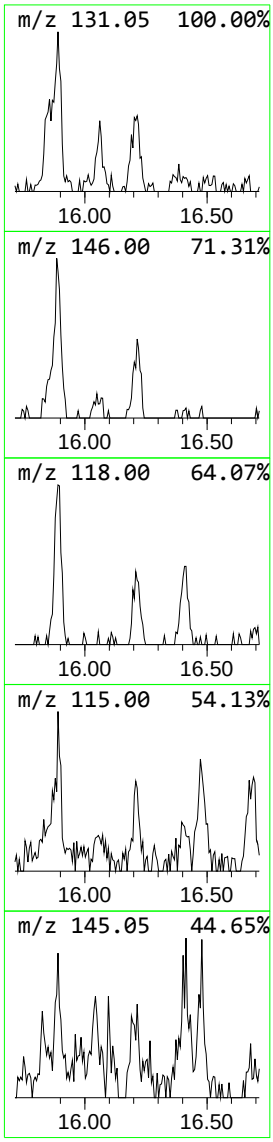
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1(2H)-Naphthalenone, 2-(1,1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.214	5.24 ug/l	60278	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 2-(1,1-dime...	202	C14H18O	042981-75-9	53
2	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	53
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	50
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	49
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
Data File : VD071882.D
Acq On : 02 Feb 2022 16:34
Operator : VA/SY
Sample : N1373-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-3-020222

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethe...	13.761	9.5	ug/l	108875	4	13.561	575413	50.0
1H-Indene, 2,3-...	14.208	6.1	ug/l	70321	4	13.561	575413	50.0
1-Phenyl-1-butene	14.696	6.5	ug/l	74213	4	13.561	575413	50.0
unknown14.732	14.732	5.1	ug/l	59192	4	13.561	575413	50.0
1H-Indene, 2,3-...	14.814	16.4	ug/l	189110	4	13.561	575413	50.0
Naphthalene, 1,...	14.967	10.6	ug/l	122475	4	13.561	575413	50.0
Naphth[1,2-b]ox...	15.890	7.1	ug/l	81313	4	13.561	575413	50.0
1(2H)-Naphthale...	16.214	5.2	ug/l	60278	4	13.561	575413	50.0