LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007059.D
Acq On : 26 Nov 2018 20:14
Operator : VAY/AP
Sample : J6003-07
Misc : 4.76G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-C

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_W\METHOD\82W112118S.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	7.890	974	982	986	rBV2	64695	152709	3.02%	0.249%
2	7.951	986	992	1001	rVB	147196	326395	6.46%	0.533%
3	8.305	1037	1050	1061	rVB	66655	163713	3.24%	0.267%
4	8.482	1072	1079	1089	rVB2	32001	75772	1.50%	0.124%
5	8.848	1131	1139	1148	rBV	207846	418774	8.29%	0.684%
6	9.762	1282	1289	1297	rBV3	27477	57813	1.14%	0.094%
7	9.890	1304	1310	1317	rBV2	25176	51098	1.01%	0.083%
8	10.323	1375	1381	1397	rBV	301515	597408	11.82%	0.975%
9	10.939	1477	1482	1488	rBV	34925	58378	1.16%	0.095%
10	11.231	1527	1530	1536	rVB	68707	116387	2.30%	0.190%
11	11.439	1561	1564	1569	rVB3	40852	60968	1.21%	0.100%
12	11.518	1572	1577	1579	rBV2	41086	72699	1.44%	0.119%
13	11.634	1591	1596	1615	rVB	305181	647484	12.81%	1.057%
14	11.878	1631	1636	1640	rBV	69641	138444	2.74%	0.226%
15	11.920	1640	1643	1648	rVB3	54908	86429	1.71%	0.141%
16	12.140	1673	1679	1685	rBV3	106283	217096	4.30%	0.354%
17	12.256	1694	1698	1702	rVB	121057	172611	3.42%	0.282%
18	12.347	1702	1713	1714	rBV3	128604	313556	6.20%	0.512%
19	12.621	1753	1758	1764	rVB	246314	431792	8.54%	0.705%
20	12.707	1768	1772	1777	rBV4	48608	92766	1.84%	0.151%
21	12.786	1781	1785	1791	rVB3	107969	207842	4.11%	0.339%
22	12.951	1791	1812	1817	rBV3	640380	3476792	68.80%	5.675%
23	13.085	1830	1834	1838	rBV3	93910	127635	2.53%	0.208%
24	13.133	1838	1842	1844	rBV2	85503	131399	2.60%	0.214%
25	13.170	1844	1848	1854	rVB	276750	411105	8.13%	0.671%
26	13.383	1865	1883	1892	rBV6	818524	4032826	79.80%	6.583%
27	13.493	1897	1901	1909	rVB2	416437	1059093	20.96%	1.729%
28	13.658	1925	1928	1931	rBV2	54512	72921	1.44%	0.119%
29	13.725	1934	1939	1943	rVV	254621	413111	8.17%	0.674%
30	13.804	1949	1952	1959	rVB2	119390	196942	3.90%	0.321%
31	13.883	1960	1965	1969	rBV3	497469	925793	18.32%	1.511%
32	13.987	1977	1982	1986	rBV4	331493	703953	13.93%	1.149%
33	14.103	1996	2001	2005	rBV	1008580	1469305	29.07%	2.398%
34	14.212	2014	2019	2024	rVB2	774917	1375529	27.22%	2.245%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007059.D
Acq On : 26 Nov 2018 20:14
Operator : VAY/AP
Sample : J6003-07
Misc : 4.76G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-C

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_W\METHOD\82W112118S.M
Title : SW846 8260

35	14.273	2024	2029	2034	rBV4	255137	475694	9.41%	0.776%
36	14.328	2034	2038	2039	rBV2	203195	273543	5.41%	0.447%
37	14.389	2044	2048	2051	rVV2	497191	836434	16.55%	1.365%
38	14.426	2051	2054	2063	rVB	847948	1331912	26.36%	2.174%
39	14.505	2063	2067	2070	rBV	310302	453313	8.97%	0.740%
40	14.554	2070	2075	2082	rBV5	344728	941956	18.64%	1.538%
41	14.694	2094	2098	2103	rBV2	450709	684219	13.54%	1.117%
42	14.743	2103	2106	2110	rVB3	222945	266852	5.28%	0.436%
43	14.810	2110	2117	2121	rBV2	1783509	3992078	78.99%	6.516%
44	14.853	2121	2124	2132	rVB2	1121770	2291698	45.35%	3.741%
45	15.072	2149	2160	2164	rBV2	1199967	2932101	58.02%	4.786%
46	15.115	2164	2167	2173	rVV2	696504	1258414	24.90%	2.054%
47	15.188	2173	2179	2185	rVB3	1224296	2710567	53.64%	4.425%
48	15.340	2199	2204	2211	rVB	1385695	2365293	46.80%	3.861%
49	15.426	2211	2218	2222	rBV4	608826	1456136	28.81%	2.377%
50	15.481	2223	2227	2230	rBV3	434874	722402	14.29%	1.179%
51	15.670	2250	2258	2264	rBV2	1091477	2671544	52.86%	4.361%
52	15.743	2266	2270	2275	rVB3	478934	860246	17.02%	1.404%
53	15.834	2281	2285	2288	rBV3	370948	700682	13.87%	1.144%
54	15.871	2288	2291	2297	rVB	738170	1271998	25.17%	2.076%
55	15.962	2303	2306	2311	rVB	266238	397639	7.87%	0.649%
56	16.188	2336	2343	2347	rBV3	677521	1583321	31.33%	2.584%
57	16.304	2357	2362	2367	rBV2	470845	822018	16.27%	1.342%
58	16.389	2372	2376	2381	rVV2	609102	1283620	25.40%	2.095%
59	16.456	2381	2387	2399	rVB	2032958	4768407	94.36%	7.784%
60	16.657	2412	2420	2433	rVB	1898725	5053599	100.00%	8.249%

Sum of corrected areas: 61262224

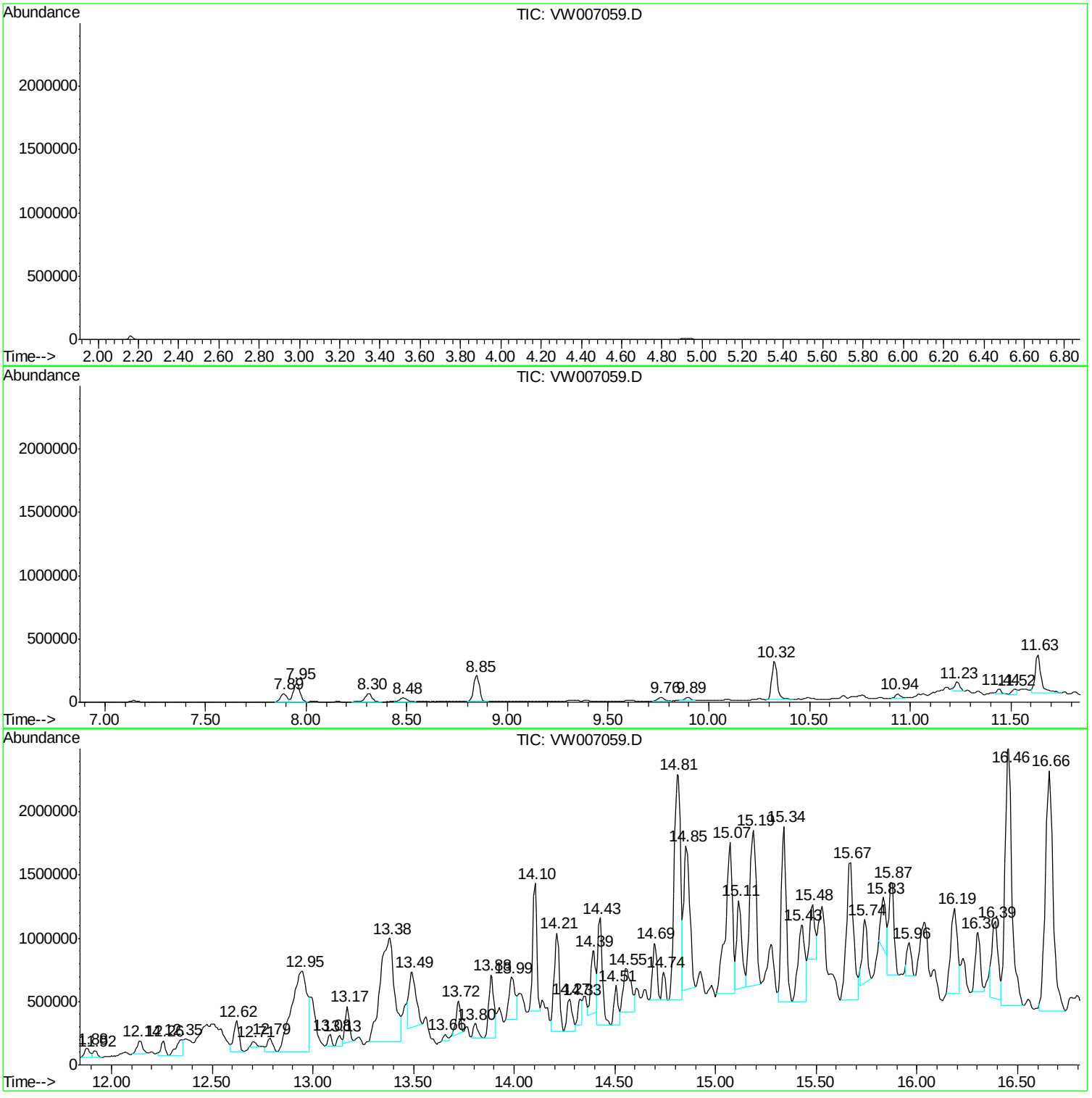
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007059.D
Acq On : 26 Nov 2018 20:14
Operator : VAY/AP
Sample : J6003-07
Misc : 4.76G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007059.D
Acq On : 26 Nov 2018 20:14
Operator : VAY/AP
Sample : J6003-07
Misc : 4.76G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

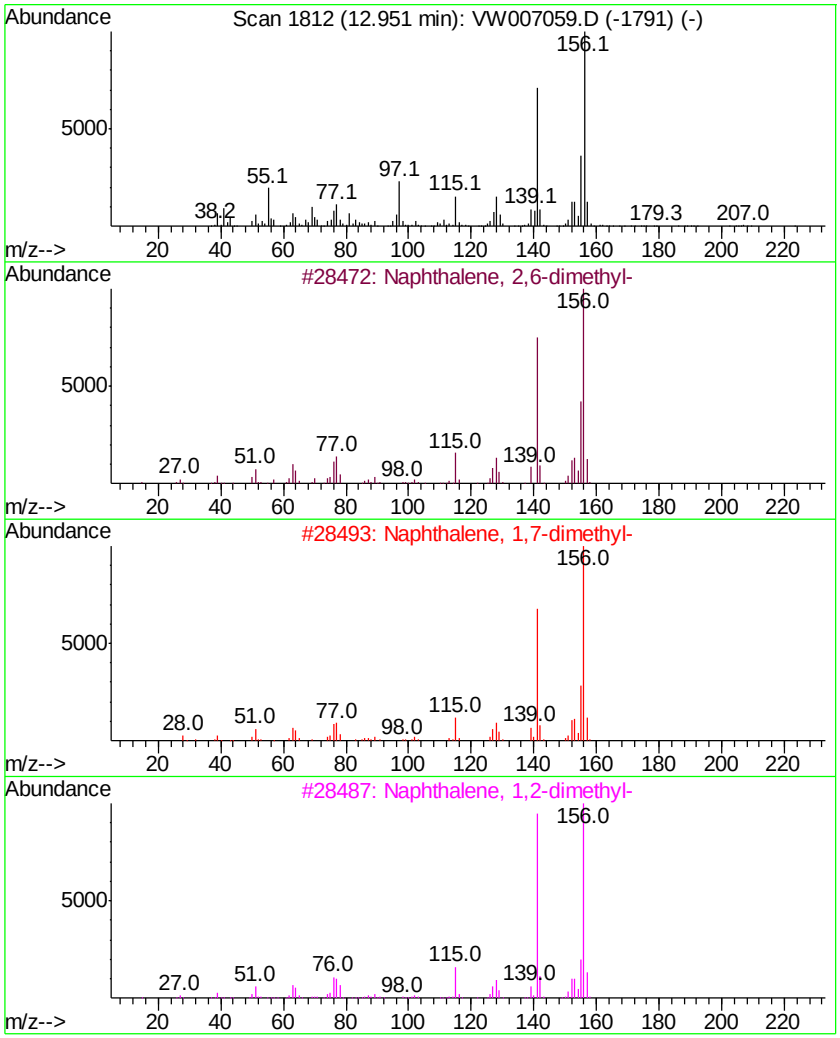
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

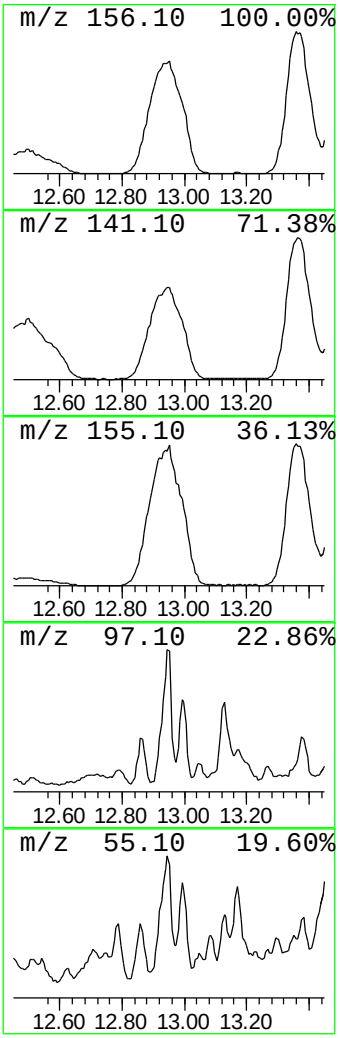
****

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	164.14 ug/l	3476790	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007059.D
Acq On : 26 Nov 2018 20:14
Operator : VAY/AP
Sample : J6003-07
Misc : 4.76G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-C

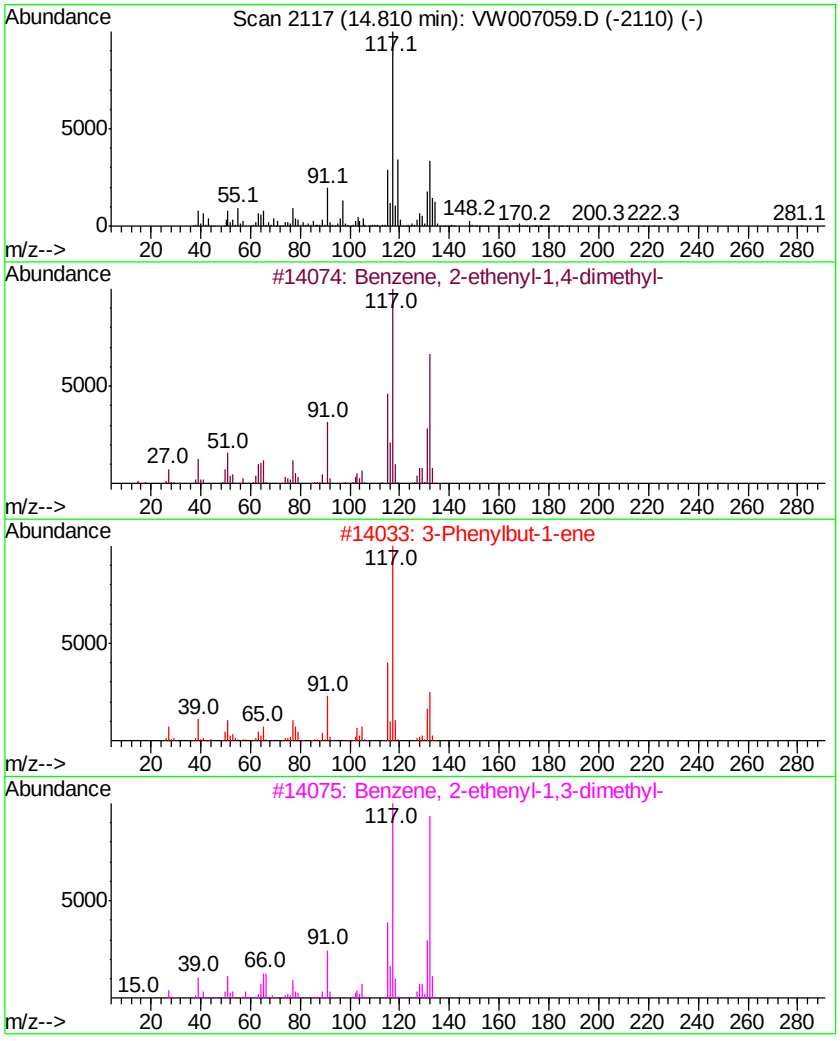
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

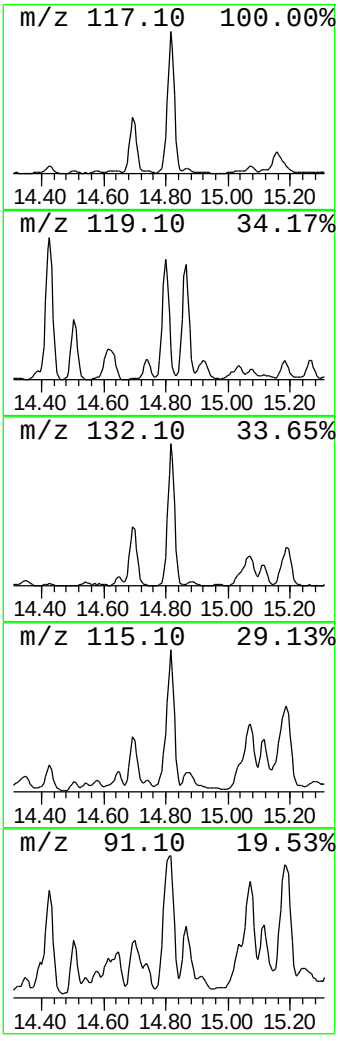
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	188.47 ug/l	3992080	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007059.D
Acq On : 26 Nov 2018 20:14
Operator : VAY/AP
Sample : J6003-07
Misc : 4.76G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

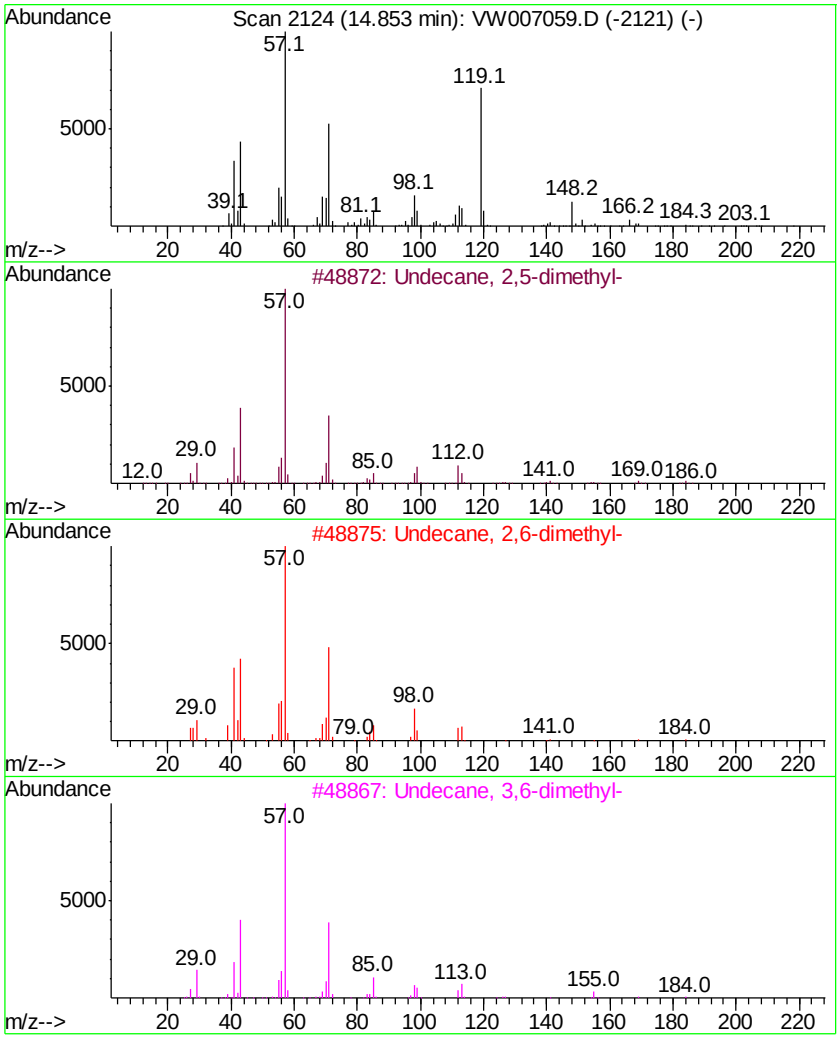
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

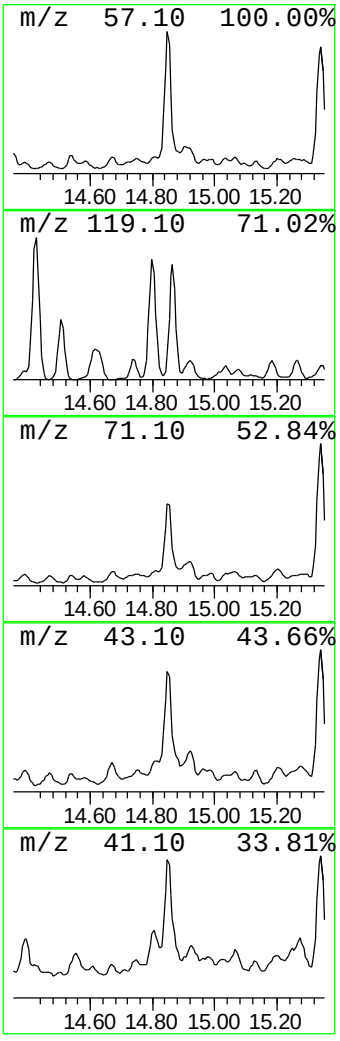
****

Peak Number 3 Undecane, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	108.19 ug/l	2291700	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	80
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	46
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	45
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	42
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	30





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007059.D
Acq On : 26 Nov 2018 20:14
Operator : VAY/AP
Sample : J6003-07
Misc : 4.76G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

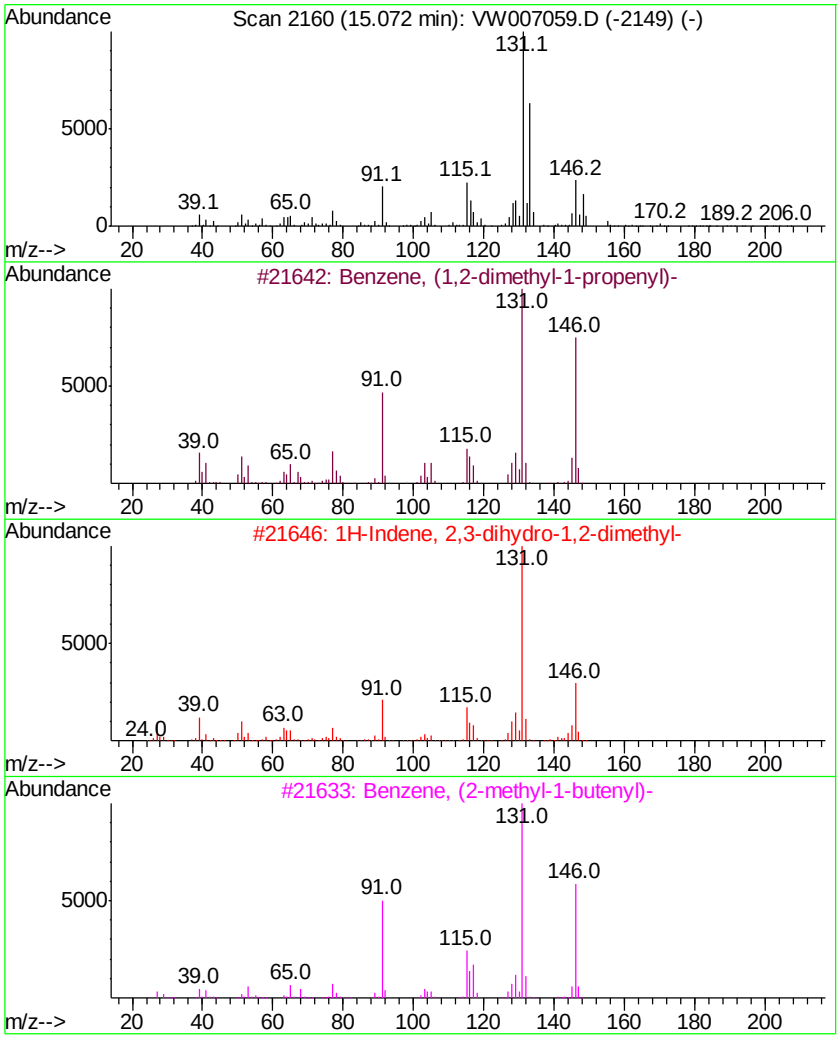
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

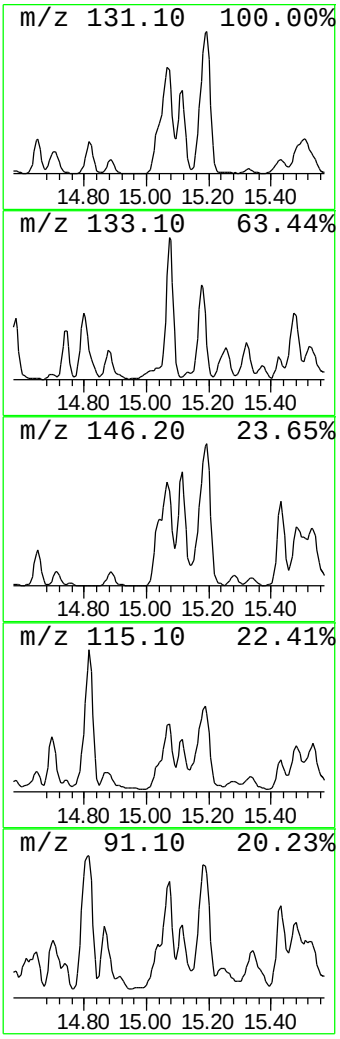
****

Peak Number 4 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	138.43 ug/l	2932100	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	89
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	83





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007059.D
Acq On : 26 Nov 2018 20:14
Operator : VAY/AP
Sample : J6003-07
Misc : 4.76G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

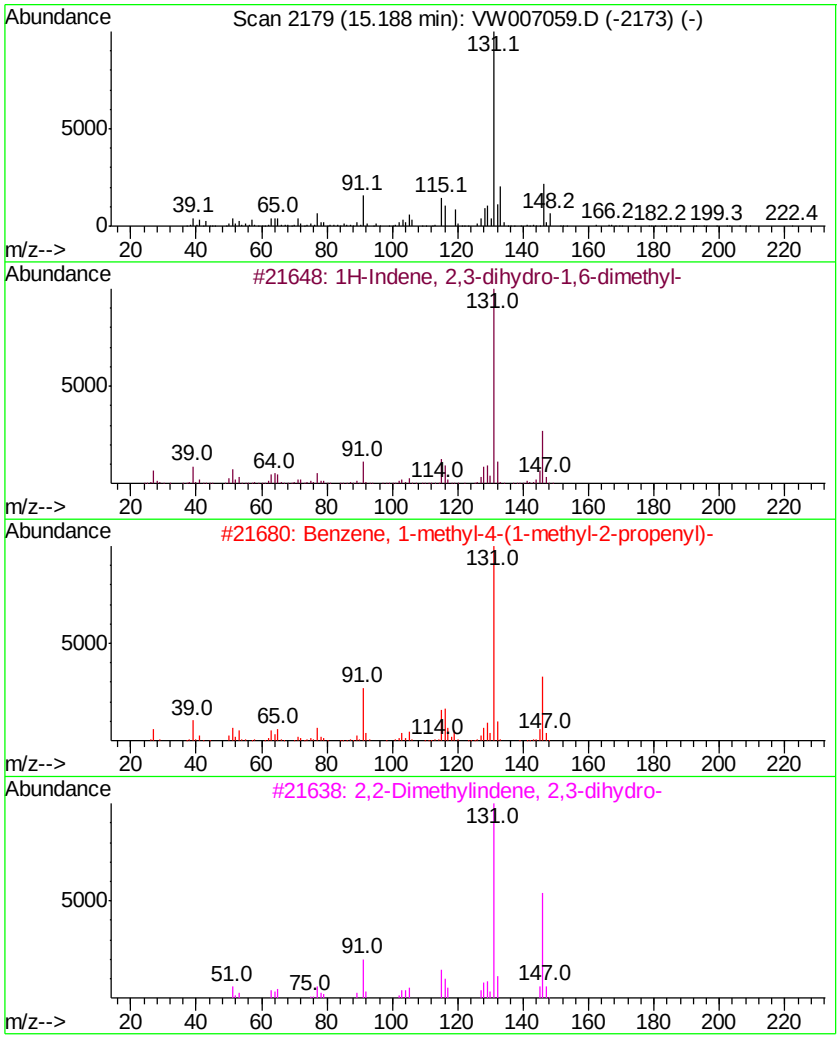
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

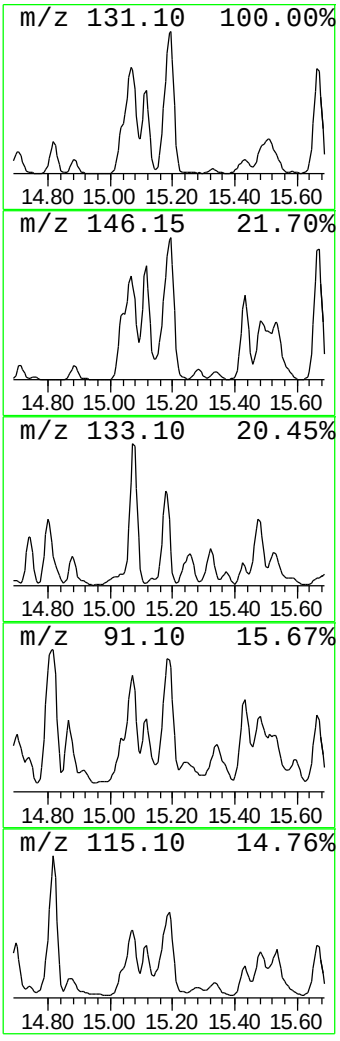
****

Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	127.97 ug/l	2710570	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87





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Operator : VAY/AP
Sample : J6003-07
Misc : 4.76G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-C

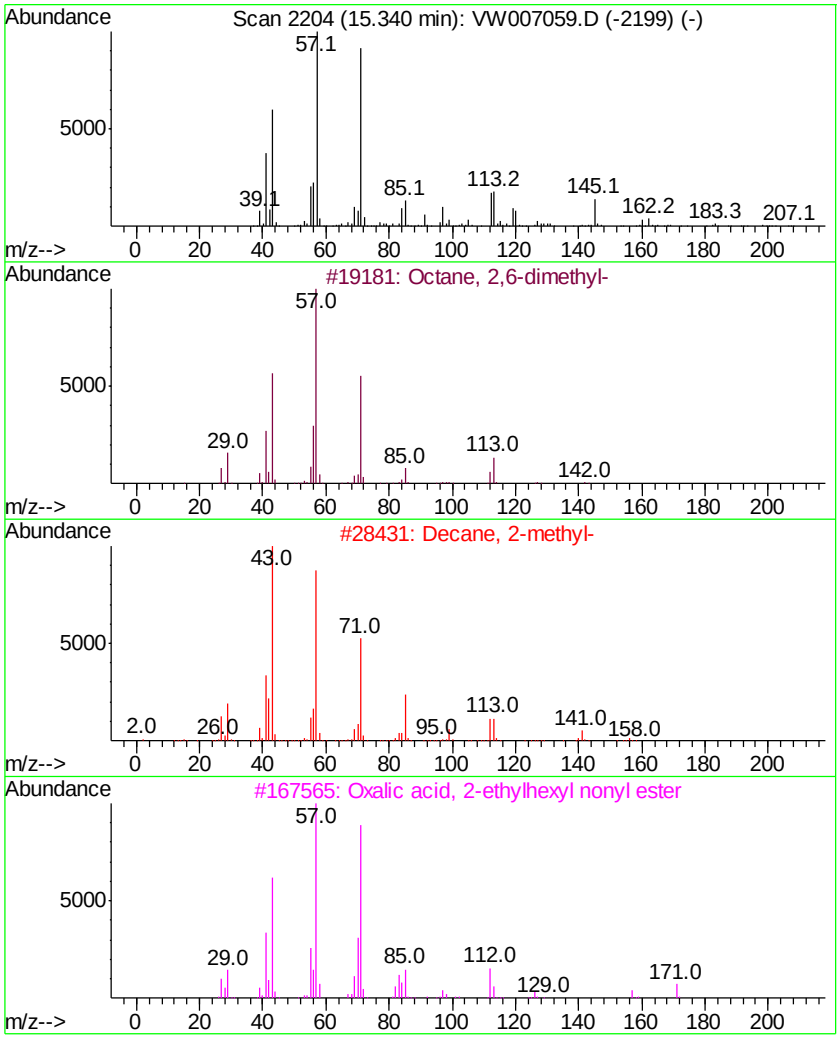
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

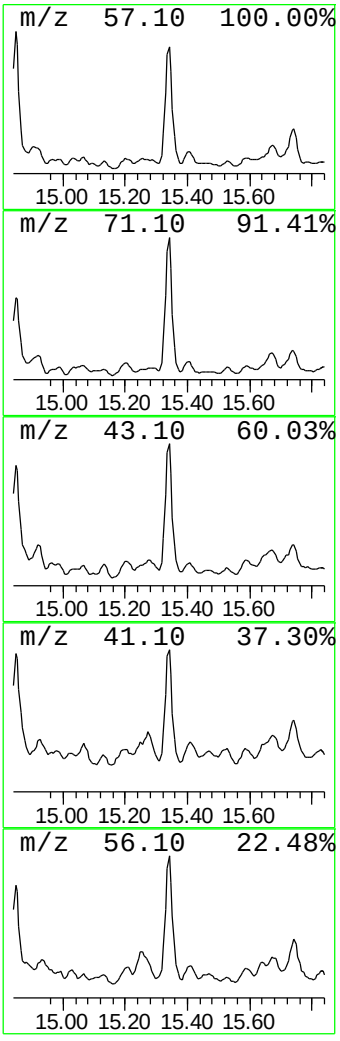
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	111.67 ug/l	2365290	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Decane, 2-methyl-	156	C11H24	006975-98-0	59
3	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	59
4	Decane, 4-methyl-	156	C11H24	002847-72-5	53
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007059.D
Acq On : 26 Nov 2018 20:14
Operator : VAY/AP
Sample : J6003-07
Misc : 4.76G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-C

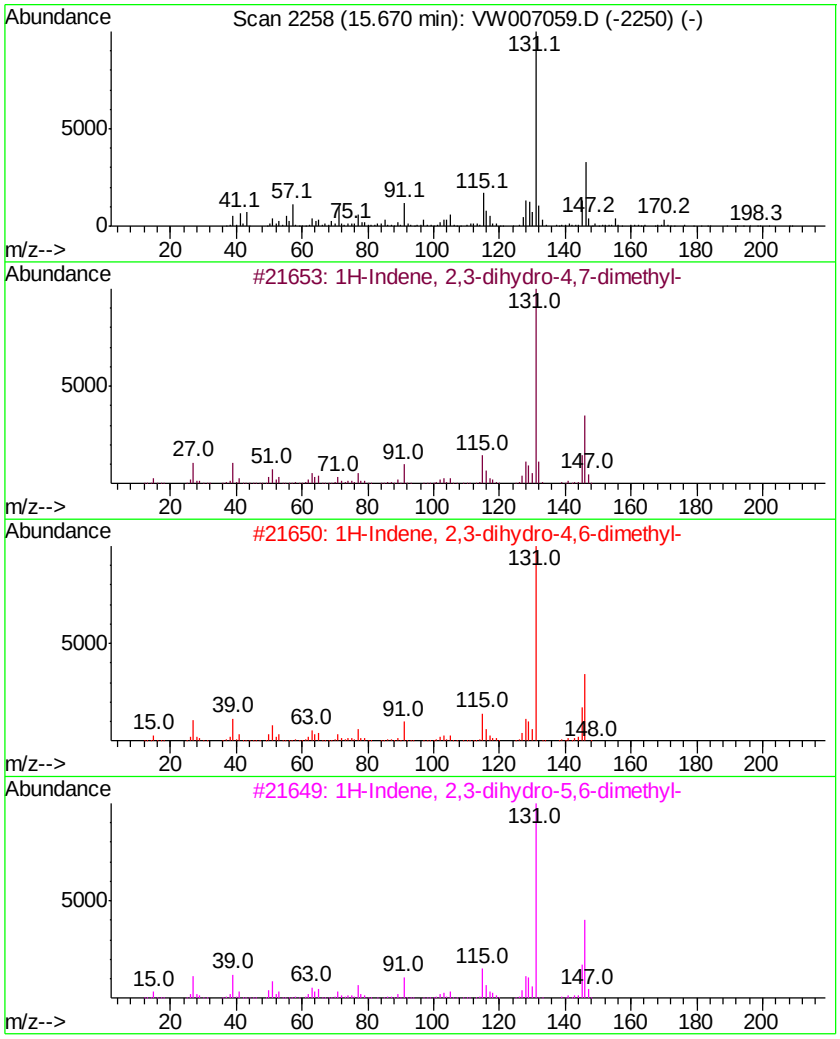
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

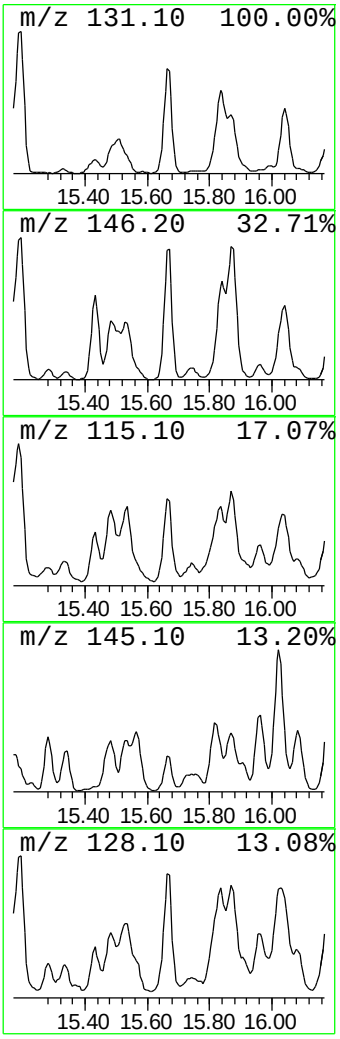
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	126.12 ug/l	2671540	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007059.D
Acq On : 26 Nov 2018 20:14
Operator : VAY/AP
Sample : J6003-07
Misc : 4.76G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-C

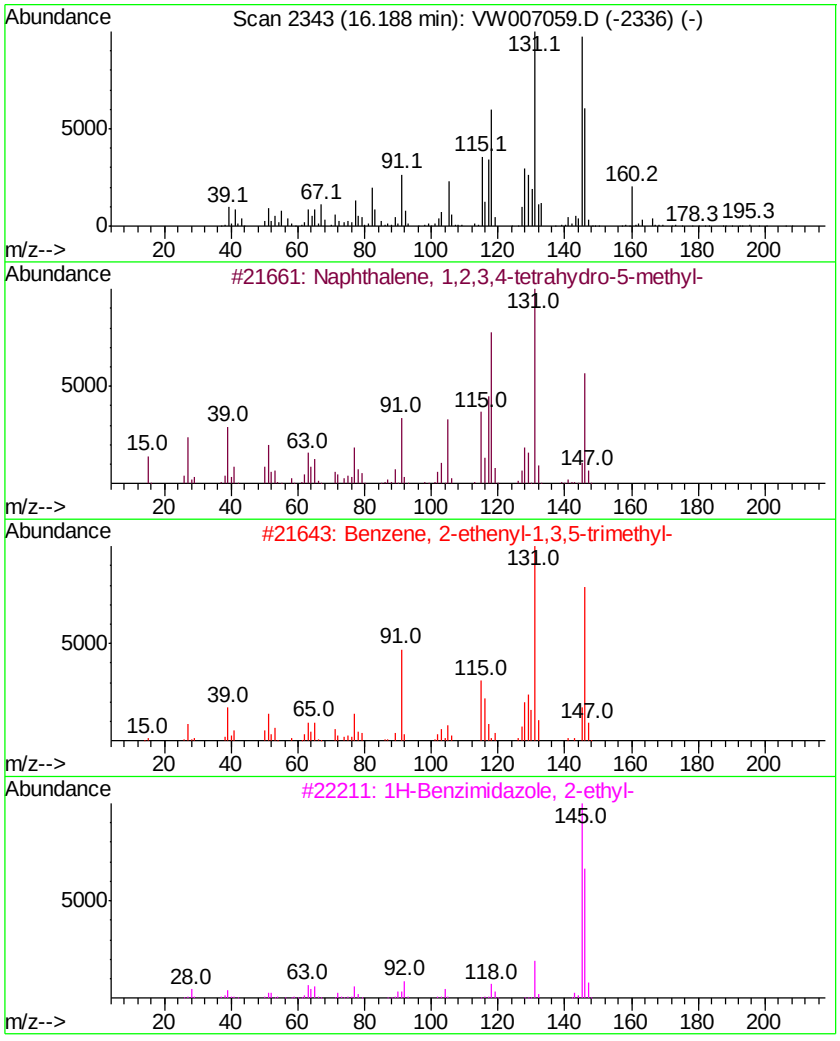
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

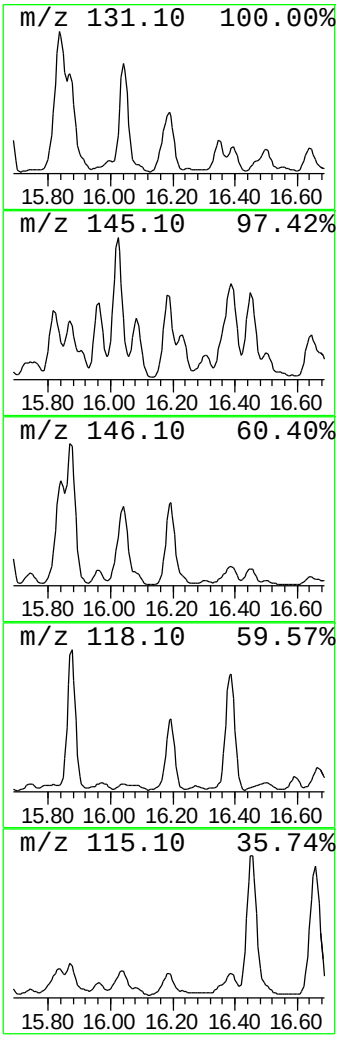
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	74.75 ug/l	1583320	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	52
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	45
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112618\
Data File : VW007059.D
Acq On : 26 Nov 2018 20:14
Operator : VAY/AP
Sample : J6003-07
Misc : 4.76G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.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
Naphthalene, 2,6-...	12.95	164.1	ug/l	3476790	4	13.56	1059090	50.0
Benzene, 2-etheny...	14.81	188.5	ug/l	3992080	4	13.56	1059090	50.0
Undecane, 2,5-dim...	14.85	108.2	ug/l	2291700	4	13.56	1059090	50.0
Benzene, (1,2-dim...	15.07	138.4	ug/l	2932100	4	13.56	1059090	50.0
1H-Indene, 2,3-di...	15.19	128.0	ug/l	2710570	4	13.56	1059090	50.0
Octane, 2,6-dimet...	15.34	111.7	ug/l	2365290	4	13.56	1059090	50.0
1H-Indene, 2,3-di...	15.67	126.1	ug/l	2671540	4	13.56	1059090	50.0
Naphthalene, 1,2,...	16.19	74.8	ug/l	1583320	4	13.56	1059090	50.0