LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
Data File : VW006666.D
Acq On : 06 Nov 2018 05:54
Operator : SY/AP
Sample : J5764-19
Misc : 5.12G/5ML/MSVOA W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-110218-J

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\82W110218S.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	1.953	6	8	19	rVB5	3700	8128	1.37%	0.158%
2	3.385	237	243	250	rVB6	2614	6097	1.03%	0.118%
3	3.678	287	291	301	rVB5	3297	8025	1.35%	0.156%
4	4.915	484	494	507	rBV2	6902	23719	4.00%	0.460%
5	7.165	853	863	874	rBV2	3384	10456	1.76%	0.203%
6	7.884	970	981	986	rBV	108061	254525	42.87%	4.937%
7	7.951	986	992	1002	rVB	226430	494758	83.34%	9.596%
8	8.311	1041	1051	1063	rBV	93199	204370	34.43%	3.964%
9	8.842	1129	1138	1148	rBV	297383	593664	100.00%	11.515%
10	10.329	1374	1382	1389	rBV	177610	314831	53.03%	6.106%
11	11.634	1588	1596	1609	rBV	244692	416017	70.08%	8.069%
12	12.621	1751	1758	1766	rBV	153535	247669	41.72%	4.804%
13	12.871	1792	1799	1801	rBV4	3850	6096	1.03%	0.118%
14	12.951	1807	1812	1821	rVB3	6969	14471	2.44%	0.281%
15	13.109	1832	1838	1844	rVB	6551	12072	2.03%	0.234%
16	13.194	1844	1852	1854	rBV5	2995	6996	1.18%	0.136%
17	13.255	1858	1862	1867	rBV	4055	6237	1.05%	0.121%
18	13.444	1890	1893	1897	rVB2	5284	7663	1.29%	0.149%
19	13.560	1906	1912	1925	rBV	177281	342537	57.70%	6.644%
20	13.755	1941	1944	1948	rVV2	16791	28620	4.82%	0.555%
21	13.798	1948	1951	1960	rVB2	19884	35430	5.97%	0.687%
22	13.889	1960	1966	1971	rBV3	17067	28544	4.81%	0.554%
23	13.956	1971	1977	1983	rBV	16268	25442	4.29%	0.493%
24	14.017	1983	1987	1989	rBV2	5831	8486	1.43%	0.165%
25	14.048	1989	1992	1995	rVV	5936	6273	1.06%	0.122%
26	14.103	1995	2001	2008	rVB3	25614	44697	7.53%	0.867%
27	14.164	2008	2011	2013	rBV	5932	7608	1.28%	0.148%
28	14.213	2014	2019	2024	rVB2	38360	60934	10.26%	1.182%
29	14.261	2024	2027	2031	rBV3	7205	14566	2.45%	0.283%
30	14.347	2035	2041	2045	rBV2	16779	27908	4.70%	0.541%
31	14.389	2045	2048	2051	rBV4	16120	22504	3.79%	0.436%
32	14.426	2051	2054	2057	rVB	12775	14332	2.41%	0.278%
33	14.462	2057	2060	2064	rVB	18636	24901	4.19%	0.483%
34	14.511	2064	2068	2071	rBV	22073	33836	5.70%	0.656%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
Data File : VW006666.D
Acq On : 06 Nov 2018 05:54
Operator : SY/AP
Sample : J5764-19
Misc : 5.12G/5ML/MSVOA W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-110218-J

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\82W110218S.M
Title : SW846 8260

35	14.548	2071	2074	2081	rVB4	17072	29240	4.93%	0.567%
36	14.645	2082	2090	2094	rBV5	16023	36373	6.13%	0.705%
37	14.694	2094	2098	2102	rBV5	22629	41765	7.04%	0.810%
38	14.737	2102	2105	2110	rVB2	21423	33378	5.62%	0.647%
39	14.816	2110	2118	2123	rBV3	87327	196327	33.07%	3.808%
40	14.865	2123	2126	2132	rVV4	13614	24637	4.15%	0.478%
41	14.968	2138	2143	2150	rVB	51900	82141	13.84%	1.593%
42	15.036	2151	2154	2156	rVV3	7862	11533	1.94%	0.224%
43	15.072	2156	2160	2164	rVV2	44252	84404	14.22%	1.637%
44	15.115	2164	2167	2172	rVV2	31057	59615	10.04%	1.156%
45	15.188	2172	2179	2188	rVB3	59024	144720	24.38%	2.807%
46	15.340	2198	2204	2207	rBV5	14717	32042	5.40%	0.621%
47	15.432	2213	2219	2223	rBV	51927	92623	15.60%	1.797%
48	15.511	2223	2232	2239	rVV3	42347	130302	21.95%	2.527%
49	15.663	2250	2257	2265	rBV3	30691	74327	12.52%	1.442%
50	15.743	2265	2270	2274	rBV4	8007	14869	2.50%	0.288%
51	15.834	2276	2285	2287	rBV4	32636	74536	12.56%	1.446%
52	15.877	2287	2292	2301	rVB	71299	142986	24.09%	2.773%
53	15.956	2302	2305	2311	rBV5	10932	21319	3.59%	0.414%
54	16.035	2311	2318	2324	rBV3	25947	67892	11.44%	1.317%
55	16.188	2335	2343	2359	rBV3	54401	145468	24.50%	2.822%
56	16.389	2366	2376	2382	rBV3	60035	147411	24.83%	2.859%
57	16.456	2382	2387	2392	rVV4	22277	44221	7.45%	0.858%
58	16.657	2413	2420	2426	rBV10	18856	61148	10.30%	1.186%

Sum of corrected areas: 5155689

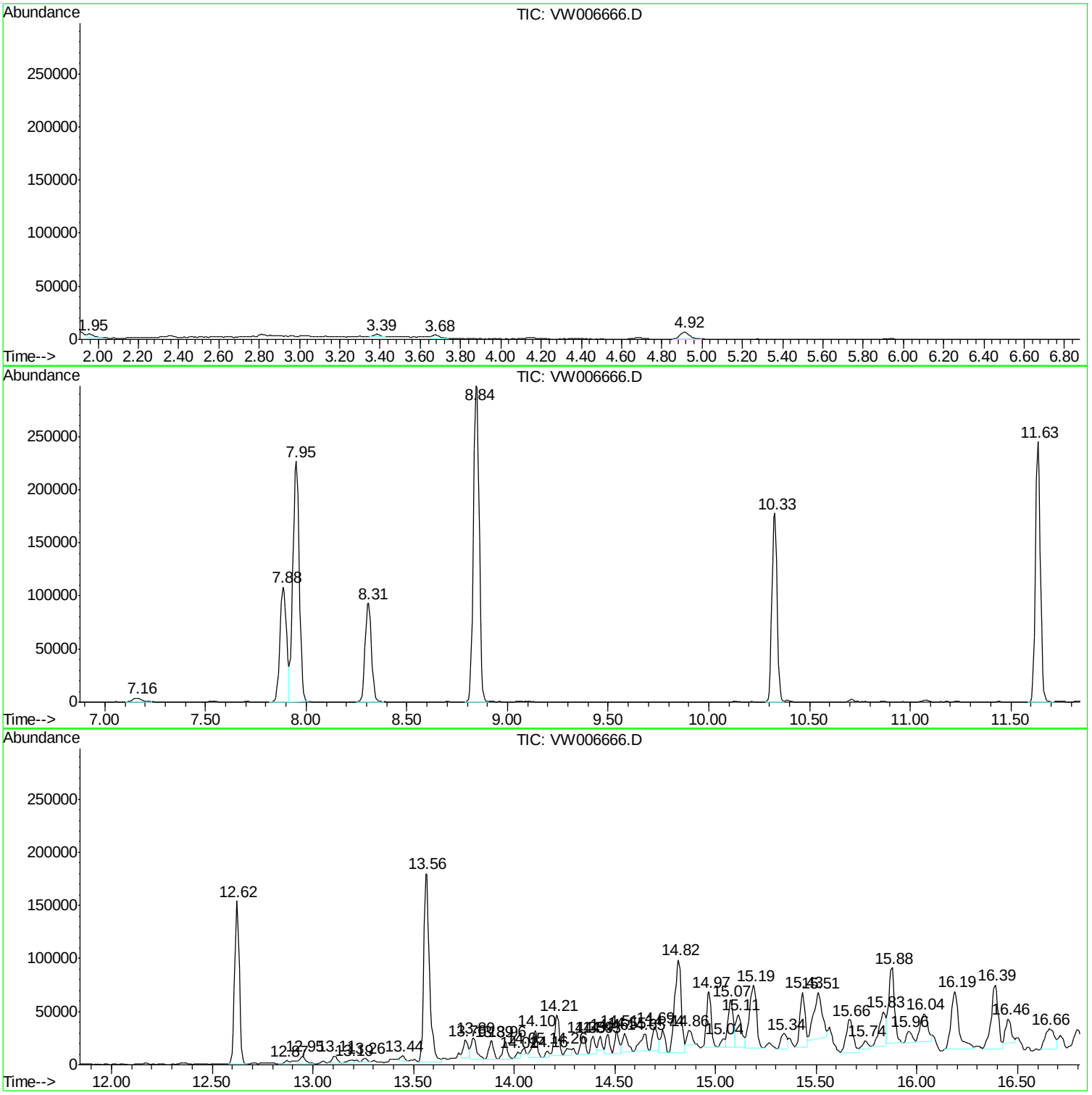
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
Data File : VW006666.D
Acq On : 06 Nov 2018 05:54
Operator : SY/AP
Sample : J5764-19
Misc : 5.12G/5ML/MSVOA W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-J

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
Data File : VW006666.D
Acq On : 06 Nov 2018 05:54
Operator : SY/AP
Sample : J5764-19
Misc : 5.12G/5ML/MSVOA W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-110218-J

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260

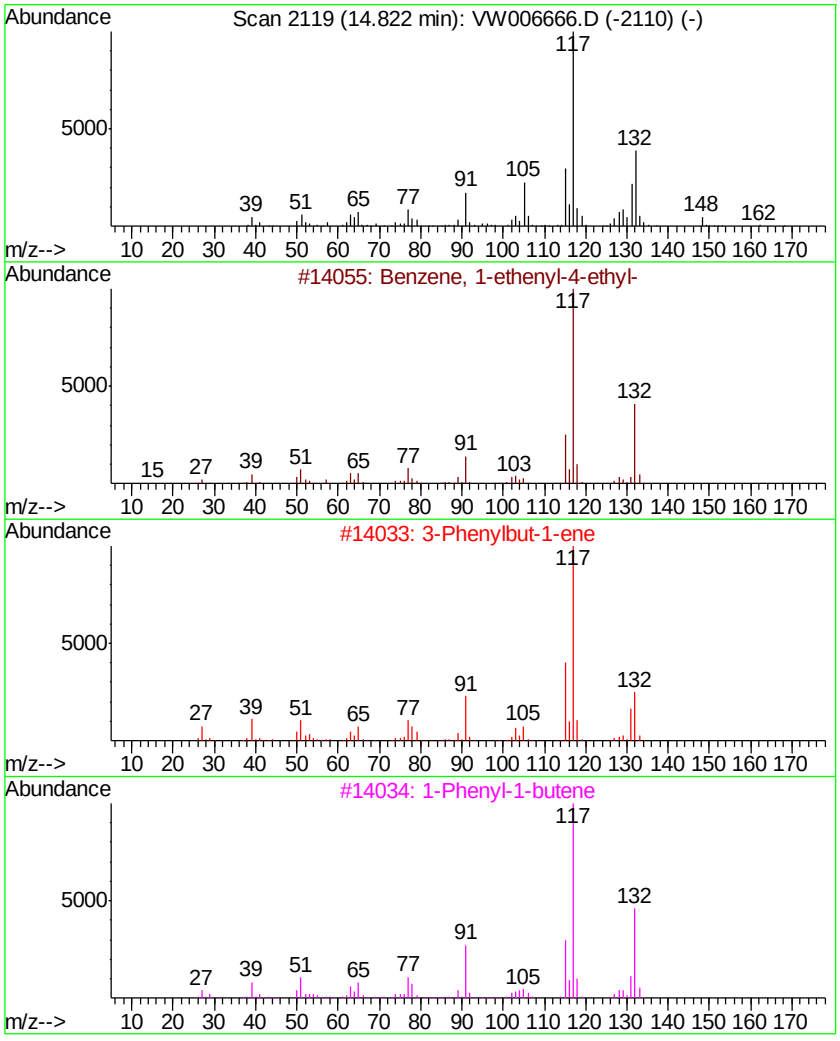
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

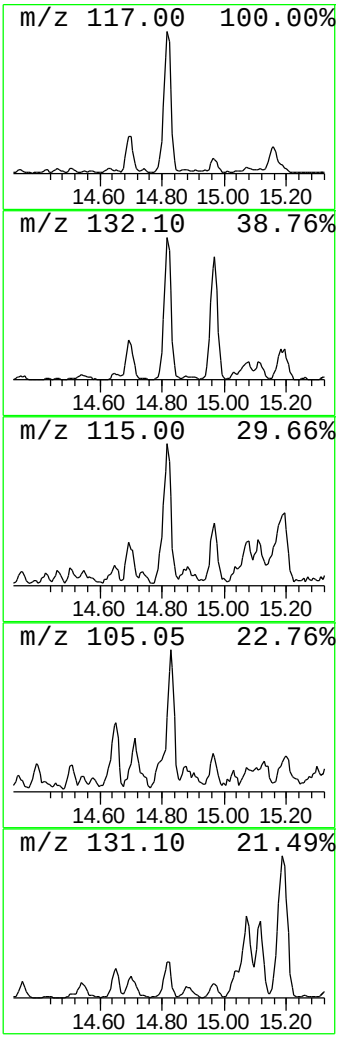
****

Peak Number 1 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	28.66 ug/l	196327	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
Data File : VW006666.D
Acq On : 06 Nov 2018 05:54
Operator : SY/AP
Sample : J5764-19
Misc : 5.12G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-110218-J

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260

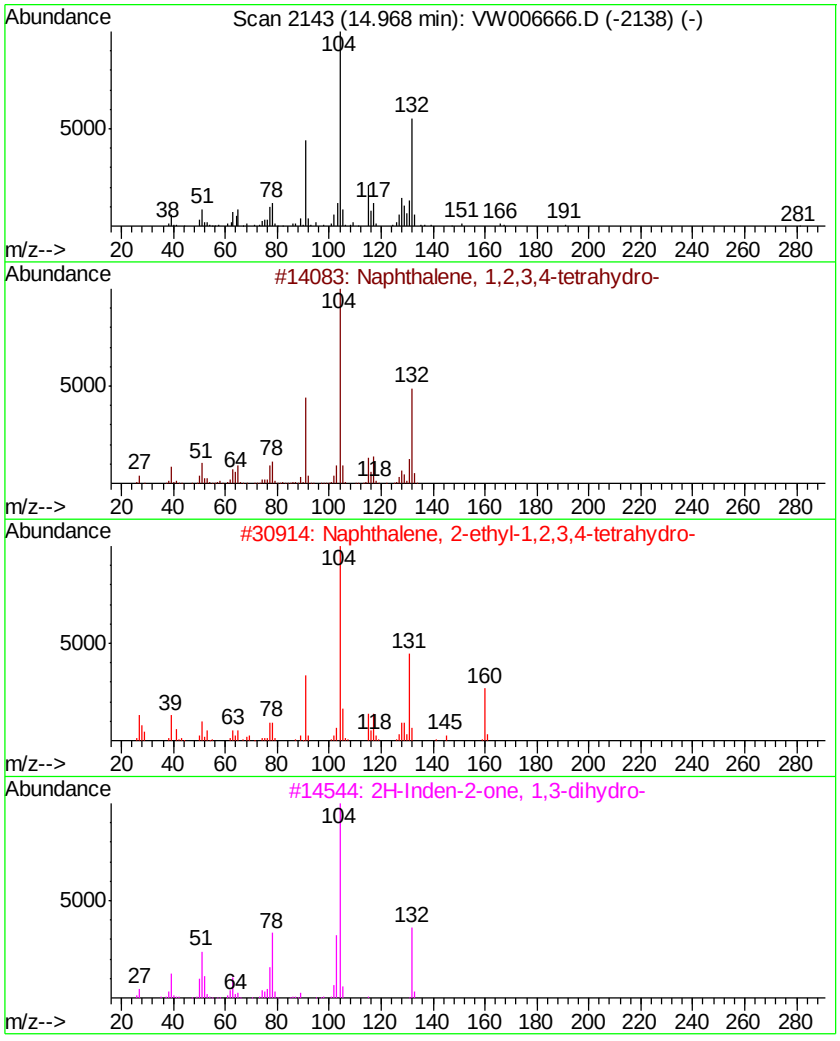
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

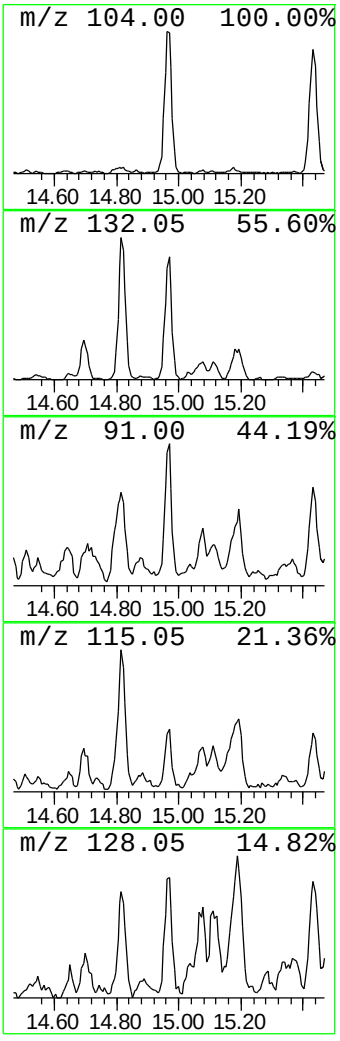
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	11.99 ug/l	82141	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	49
4	1H-2-Benzothiopyran-4(3H)-one, 2...	180	C9H8O2S	029399-50-6	35
5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
Data File : VW006666.D
Acq On : 06 Nov 2018 05:54
Operator : SY/AP
Sample : J5764-19
Misc : 5.12G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-110218-J

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260

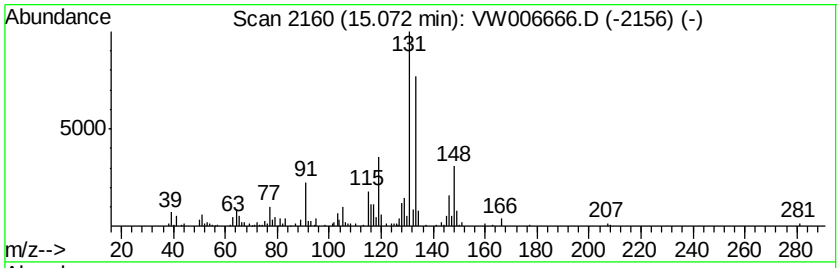
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

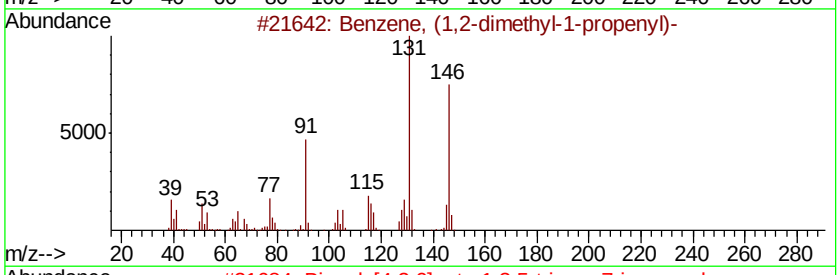
****

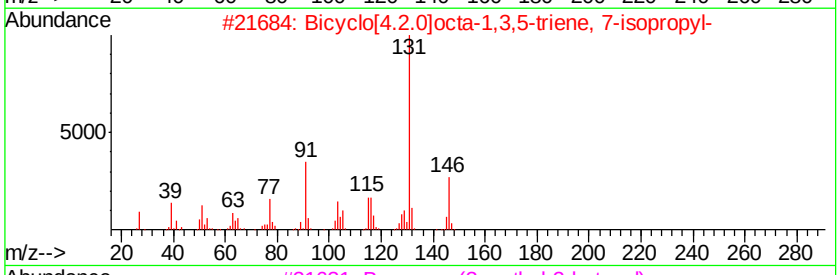
Peak Number 3 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 8

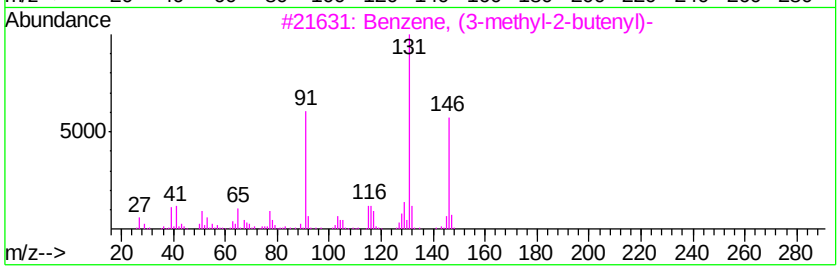
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	12.32 ug/l	84404	1,4-Dichlorobenzene-d4	13.56

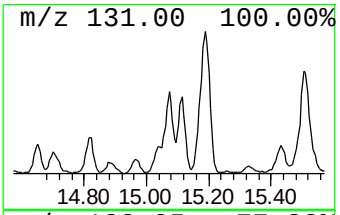
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	89
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64

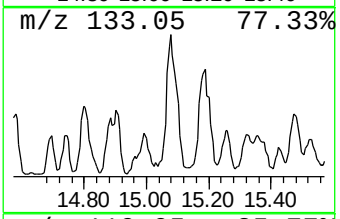


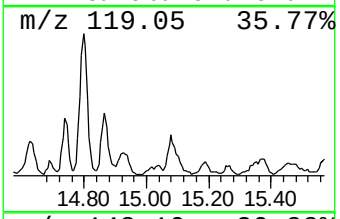


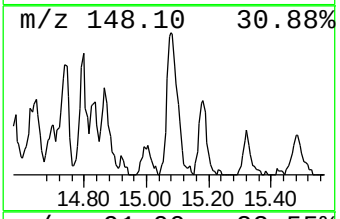


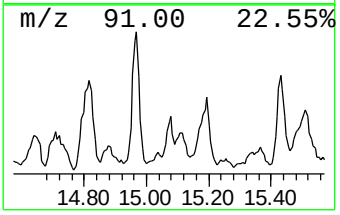












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
Data File : VW006666.D
Acq On : 06 Nov 2018 05:54
Operator : SY/AP
Sample : J5764-19
Misc : 5.12G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-110218-J

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260

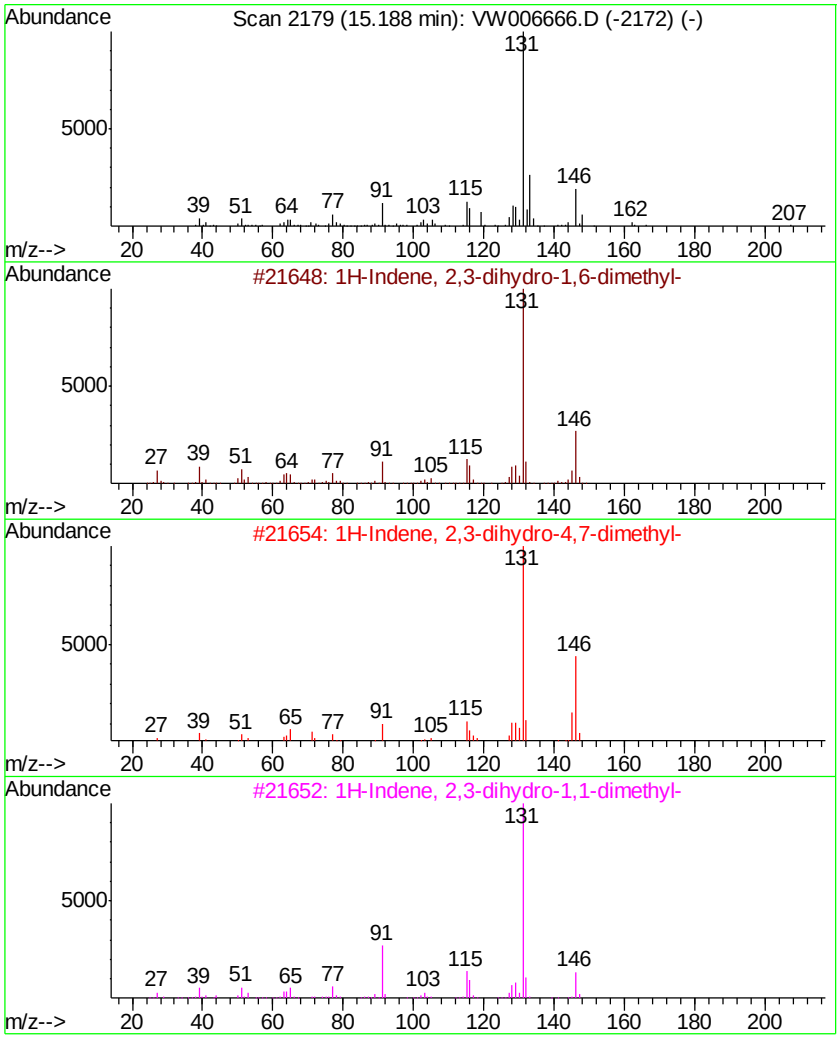
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

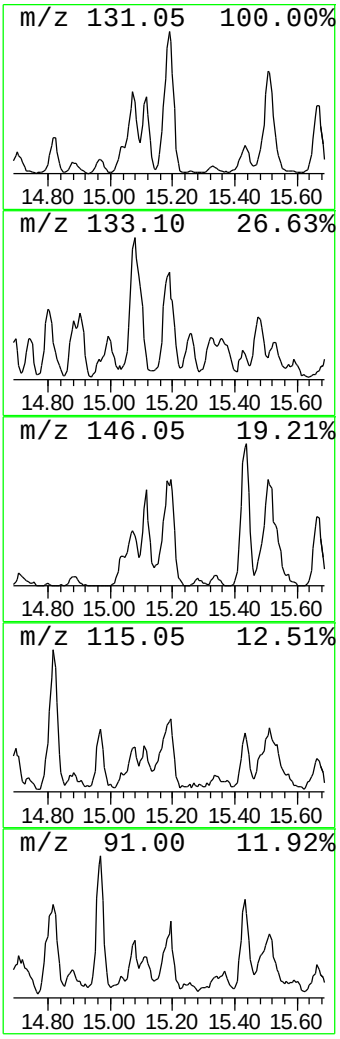
****

Peak Number 4 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	21.12 ug/l	144720	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	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	74
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	74
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	74
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
Data File : VW006666.D
Acq On : 06 Nov 2018 05:54
Operator : SY/AP
Sample : J5764-19
Misc : 5.12G/5ML/MSVOA W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-110218-J

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260

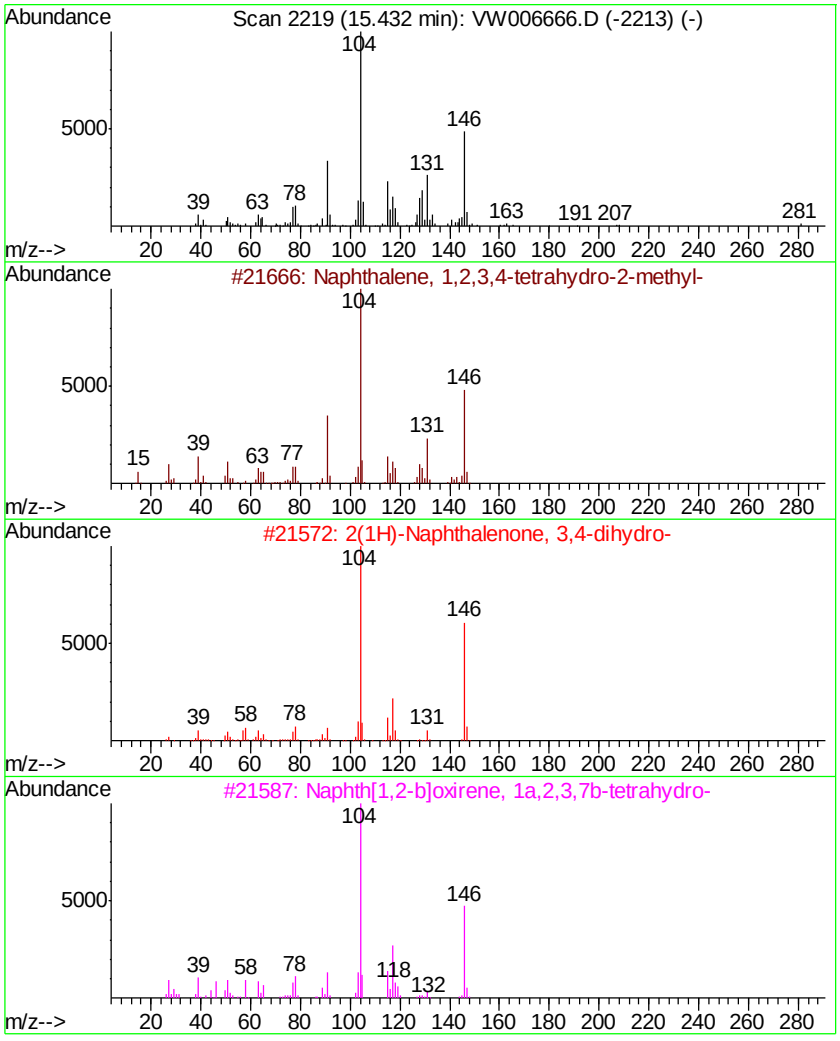
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

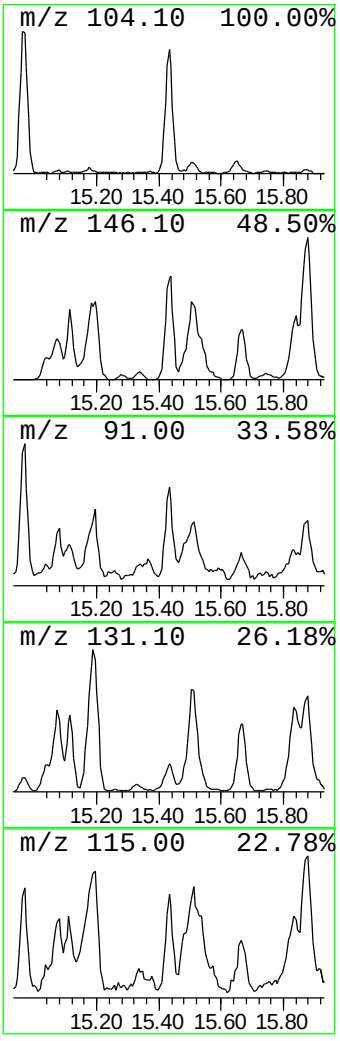
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	13.52 ug/l	92623	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4	2,6-Piperidinedione, 3-phenyl-	189	C11H11NO2	014149-34-9	50
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
Data File : VW006666.D
Acq On : 06 Nov 2018 05:54
Operator : SY/AP
Sample : J5764-19
Misc : 5.12G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-110218-J

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260

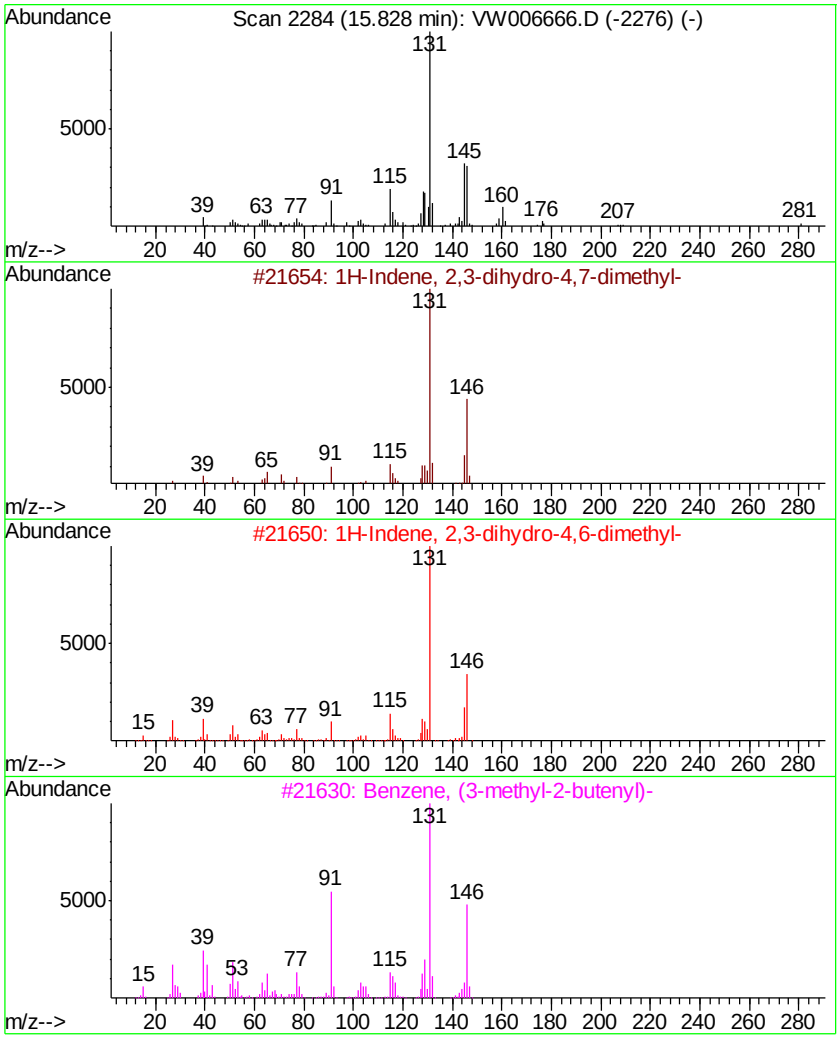
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

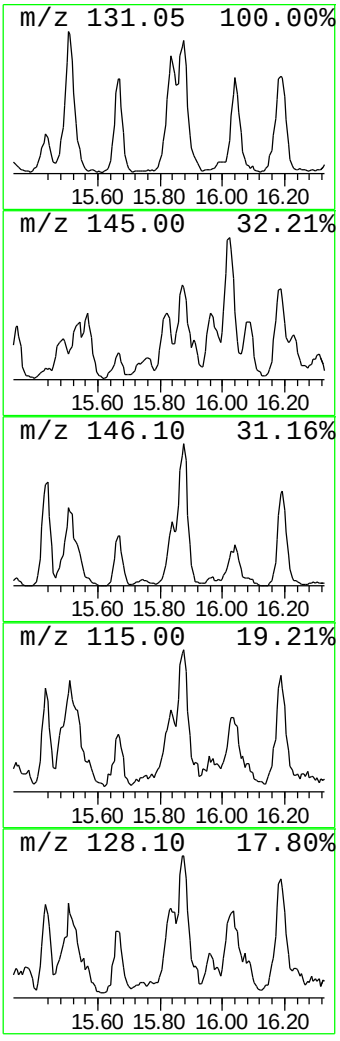
****

Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	10.88 ug/l	74536	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	87
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	83
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
Data File : VW006666.D
Acq On : 06 Nov 2018 05:54
Operator : SY/AP
Sample : J5764-19
Misc : 5.12G/5ML/MSVOA W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-110218-J

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260

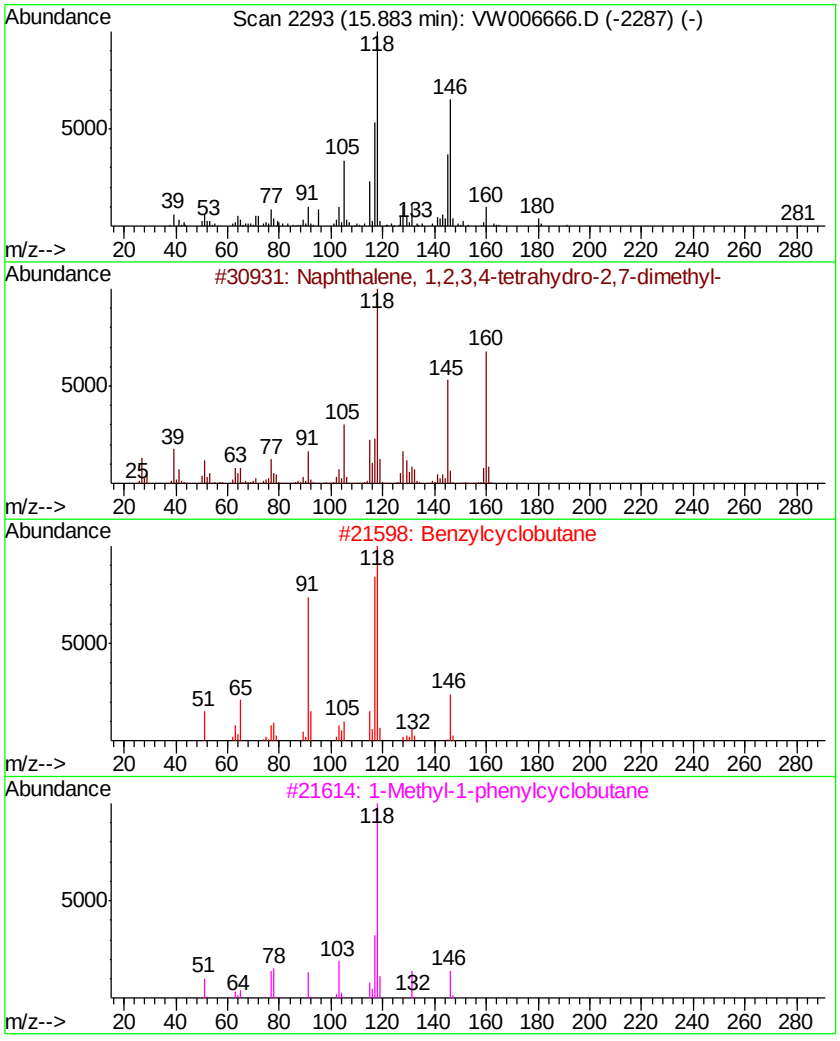
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

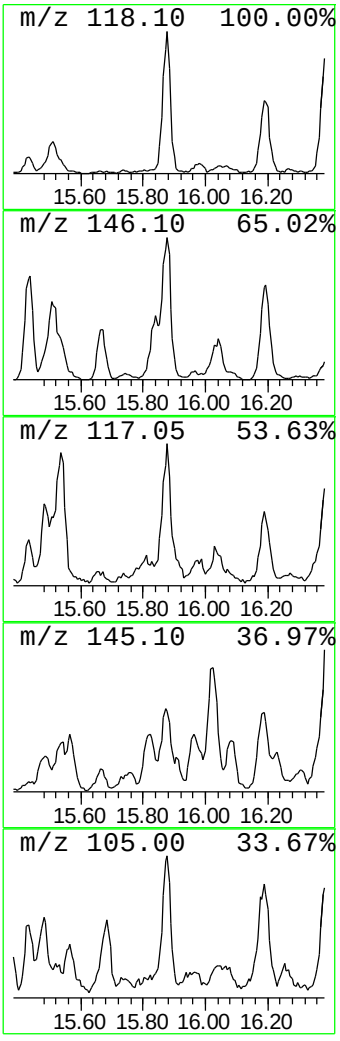
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	20.87 ug/l	142986	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	62
2	Benzylcyclobutane	146	C11H14	005244-88-2	52
3	1-Methyl-1-phenylcyclobutane	146	C11H14	007306-05-0	47
4	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	46
5	7-Methylindan-1-one	146	C10H10O	039627-61-7	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
Data File : VW006666.D
Acq On : 06 Nov 2018 05:54
Operator : SY/AP
Sample : J5764-19
Misc : 5.12G/5ML/MSVOA W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-110218-J

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260

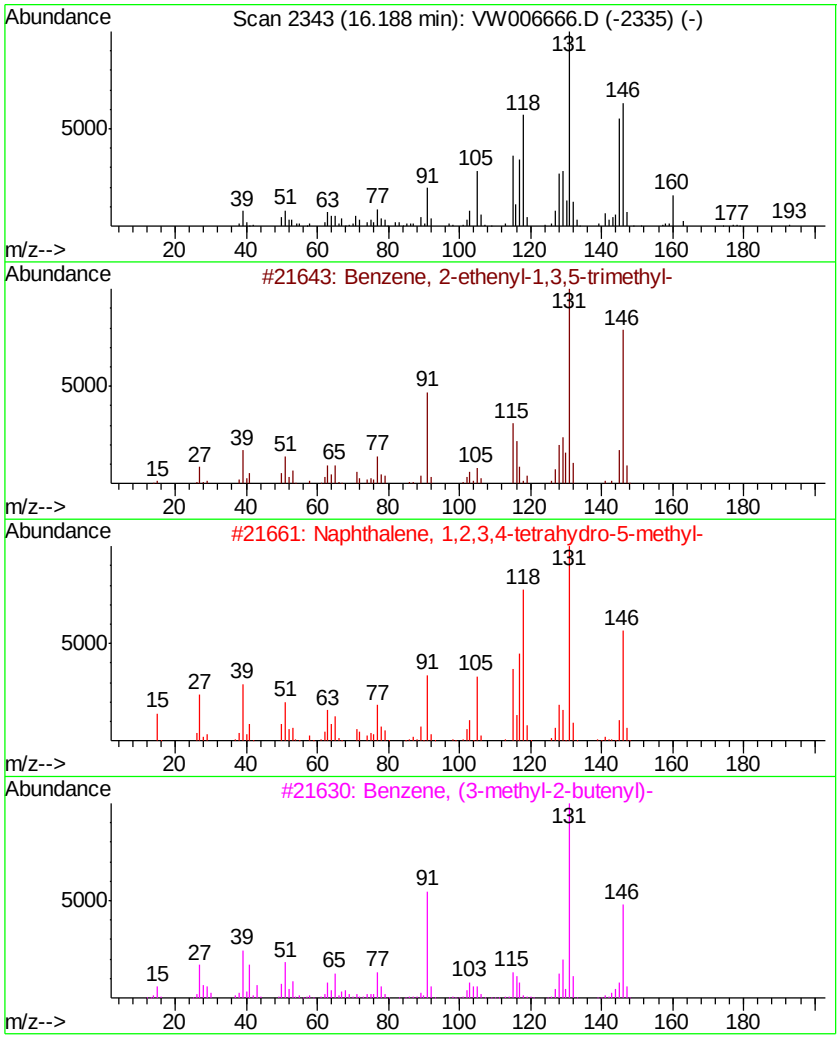
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

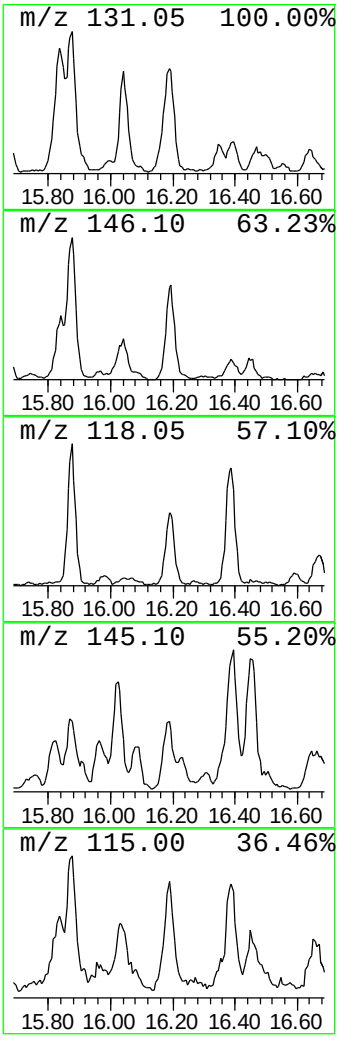
****

Peak Number 9 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	21.23 ug/l	145468	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	58
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
Data File : VW006666.D
Acq On : 06 Nov 2018 05:54
Operator : SY/AP
Sample : J5764-19
Misc : 5.12G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-110218-J

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260

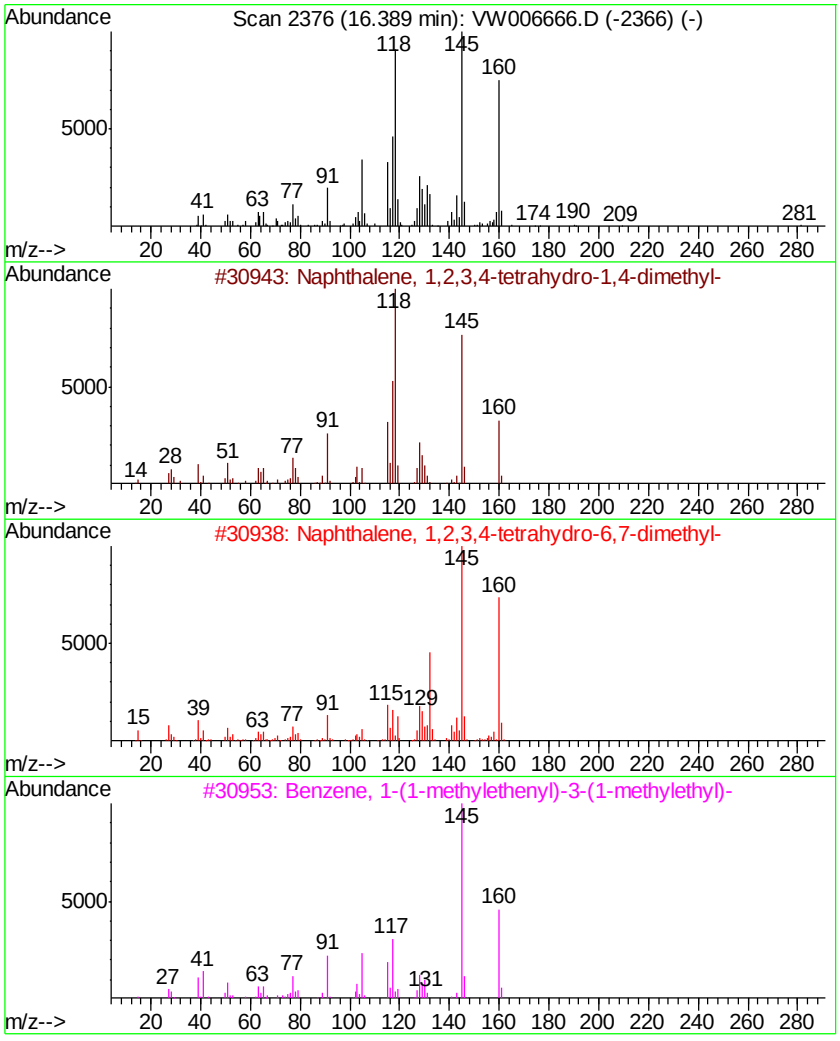
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

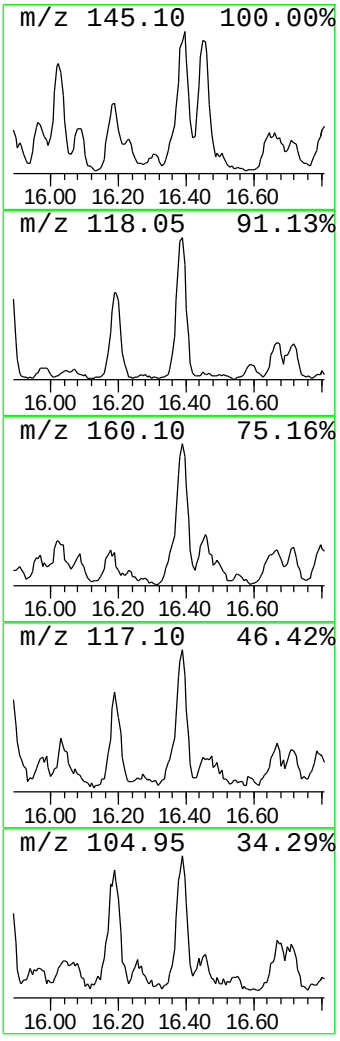
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	21.52 ug/l	147411	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	70
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
Data File : VW006666.D
Acq On : 06 Nov 2018 05:54
Operator : SY/AP
Sample : J5764-19
Misc : 5.12G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-110218-J

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.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...	14.82	28.7	ug/l	196327	4	13.56	342537	50.0
Naphthalene, 1,2,...	14.97	12.0	ug/l	82141	4	13.56	342537	50.0
Benzene, (1,2-dim...	15.07	12.3	ug/l	84404	4	13.56	342537	50.0
1H-Indene, 2,3-di...	15.19	21.1	ug/l	144720	4	13.56	342537	50.0
Naphthalene, 1,2,...	15.43	13.5	ug/l	92623	4	13.56	342537	50.0
1H-Indene, 2,3-di...	15.83	10.9	ug/l	74536	4	13.56	342537	50.0
Naphthalene, 1,2,...	15.88	20.9	ug/l	142986	4	13.56	342537	50.0
Benzene, 2-etheny...	16.19	21.2	ug/l	145468	4	13.56	342537	50.0
Naphthalene, 1,2,...	16.39	21.5	ug/l	147411	4	13.56	342537	50.0