LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
Data File : VW008636.D
Acq On : 12 Feb 2019 21:13
Operator : SY/VA
Sample : K1343-25
Misc : 5.35G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-M

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\82W012419S.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	4.117	354	363	371	rBV	28592	78235	3.61%	0.313%
2	4.903	479	492	512	rBV3	52254	216498	9.98%	0.867%
3	5.927	653	660	667	rBV4	10260	28040	1.29%	0.112%
4	7.141	847	859	871	rBV	131292	375143	17.29%	1.503%
5	7.878	969	980	985	rBV	306023	714837	32.94%	2.864%
6	7.945	985	991	1001	rVB	518292	1148751	52.94%	4.603%
7	8.256	1032	1042	1045	rBV	131904	336179	15.49%	1.347%
8	8.305	1045	1050	1061	rVB	299775	670353	30.89%	2.686%
9	8.841	1129	1138	1150	rBV	766921	1545349	71.22%	6.192%
10	10.323	1373	1381	1388	rVV	1229288	2169804	100.00%	8.694%
11	10.390	1388	1392	1398	rVB	34525	57671	2.66%	0.231%
12	10.707	1439	1444	1449	rVB	30522	52201	2.41%	0.209%
13	11.073	1500	1504	1507	rBV6	16272	31989	1.47%	0.128%
14	11.439	1561	1564	1568	rVB2	22035	34071	1.57%	0.137%
15	11.634	1589	1596	1608	rVB	1110252	1968250	90.71%	7.887%
16	11.841	1625	1630	1639	rVB2	31593	60560	2.79%	0.243%
17	12.164	1680	1683	1692	rVB	35437	66884	3.08%	0.268%
18	12.615	1751	1757	1764	rBV	1011693	1708026	78.72%	6.844%
19	12.865	1794	1798	1802	rVV	65025	117222	5.40%	0.470%
20	12.902	1802	1804	1806	rVV	44442	52524	2.42%	0.210%
21	12.944	1806	1811	1815	rVB5	76222	143308	6.60%	0.574%
22	13.109	1830	1838	1847	rVB2	125329	313440	14.45%	1.256%
23	13.255	1857	1862	1866	rBV	140527	219832	10.13%	0.881%
24	13.444	1889	1893	1897	rBV3	52048	94372	4.35%	0.378%
25	13.560	1906	1912	1921	rVB2	1201994	2048237	94.40%	8.207%
26	13.719	1935	1938	1940	rBV4	32789	43314	2.00%	0.174%
27	13.755	1940	1944	1947	rVV2	195640	313143	14.43%	1.255%
28	13.792	1947	1950	1960	rVB3	147776	334425	15.41%	1.340%
29	13.877	1960	1964	1970	rBV3	121190	206366	9.51%	0.827%
30	13.950	1972	1976	1981	rVV	99350	160156	7.38%	0.642%
31	14.017	1983	1987	1989	rVV	98240	161590	7.45%	0.647%
32	14.042	1989	1991	1995	rVV	117890	180795	8.33%	0.724%
33	14.097	1996	2000	2007	rVV	173982	300463	13.85%	1.204%
34	14.164	2007	2011	2013	rVV	25349	35847	1.65%	0.144%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
Data File : VW008636.D
Acq On : 12 Feb 2019 21:13
Operator : SY/VA
Sample : K1343-25
Misc : 5.35G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-M

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\82W012419S.M
Title : SW846 8260

35	14.212	2013	2019	2024	rVB	205517	340184	15.68%	1.363%
36	14.340	2035	2040	2044	rBV3	76909	143419	6.61%	0.575%
37	14.389	2044	2048	2050	rVV5	62949	89656	4.13%	0.359%
38	14.426	2050	2054	2057	rVV	86419	114816	5.29%	0.460%
39	14.462	2057	2060	2064	rVB	146362	184623	8.51%	0.740%
40	14.505	2064	2067	2070	rBV	102221	118508	5.46%	0.475%
41	14.542	2070	2073	2081	rVB4	71860	130250	6.00%	0.522%
42	14.609	2081	2084	2085	rBV3	26843	30485	1.40%	0.122%
43	14.645	2086	2090	2093	rVB2	110998	152430	7.03%	0.611%
44	14.694	2093	2098	2102	rBV2	243269	472962	21.80%	1.895%
45	14.810	2109	2117	2123	rBV3	481025	1144591	52.75%	4.586%
46	14.859	2123	2125	2132	rVB3	80599	135724	6.26%	0.544%
47	14.962	2137	2142	2149	rVB	364644	593007	27.33%	2.376%
48	15.029	2149	2153	2155	rBV2	58797	85429	3.94%	0.342%
49	15.072	2155	2160	2163	rBV2	148633	236035	10.88%	0.946%
50	15.188	2172	2179	2185	rVB3	211872	499980	23.04%	2.003%
51	15.334	2198	2203	2206	rBV6	66994	134644	6.21%	0.540%
52	15.426	2213	2218	2223	rBV	228957	390456	17.99%	1.565%
53	15.480	2223	2227	2229	rBV2	113773	183827	8.47%	0.737%
54	15.663	2249	2257	2264	rBV3	185763	410343	18.91%	1.644%
55	15.737	2266	2269	2273	rVB3	34747	57118	2.63%	0.229%
56	15.828	2278	2284	2286	rVV4	132018	278813	12.85%	1.117%
57	15.871	2286	2291	2300	rVV	476516	957928	44.15%	3.838%
58	15.956	2301	2305	2310	rVV3	61382	130664	6.02%	0.524%
59	16.029	2312	2317	2332	rVB3	118160	383303	17.67%	1.536%
60	16.188	2335	2343	2359	rVB	236842	560546	25.83%	2.246%
61	16.383	2365	2375	2381	rBV3	212195	511320	23.57%	2.049%
62	16.450	2381	2386	2391	rBV	98766	197484	9.10%	0.791%
63	16.657	2412	2420	2425	rBV6	81224	233628	10.77%	0.936%
64	16.706	2426	2428	2434	rVB5	41550	66512	3.07%	0.267%

Sum of corrected areas: 24956560

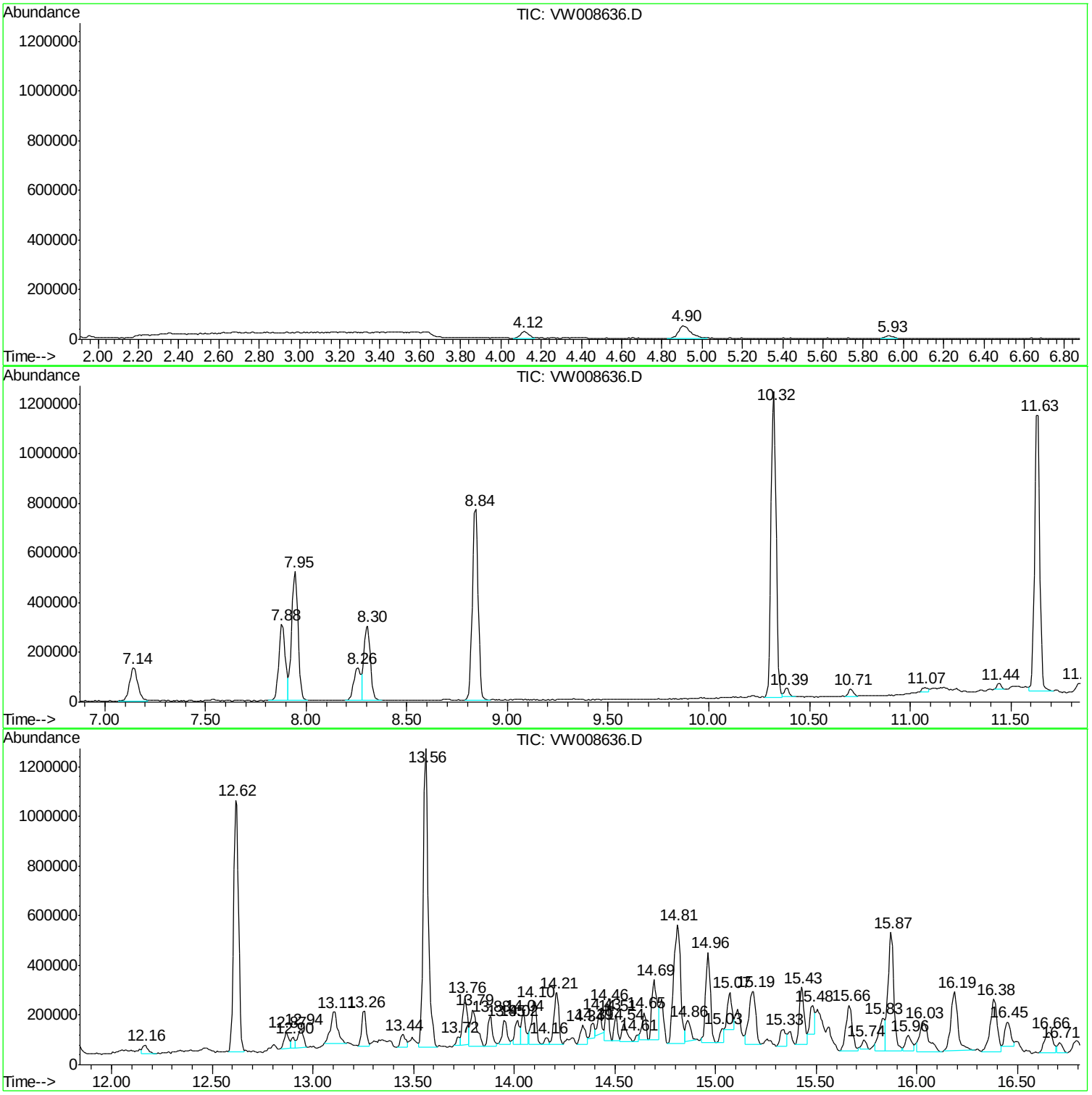
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
Data File : VW008636.D
Acq On : 12 Feb 2019 21:13
Operator : SY/VA
Sample : K1343-25
Misc : 5.35G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-M

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.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\VW021219\
Data File : VW008636.D
Acq On : 12 Feb 2019 21:13
Operator : SY/VA
Sample : K1343-25
Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-M

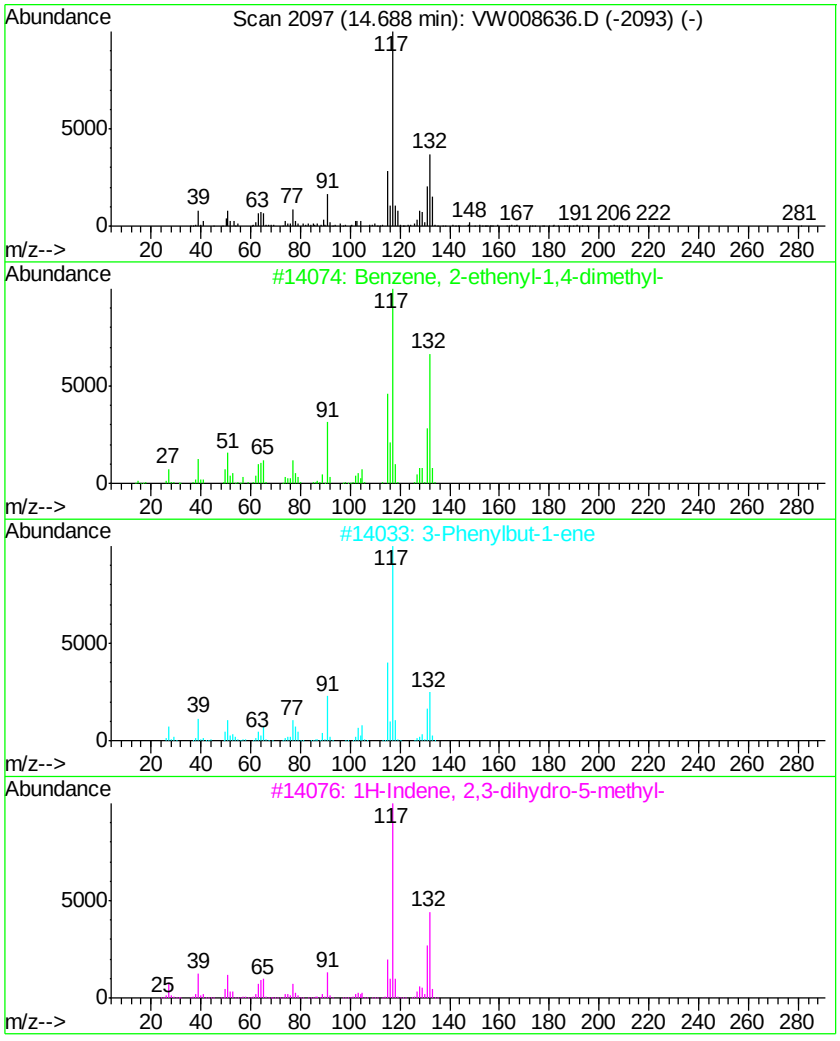
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

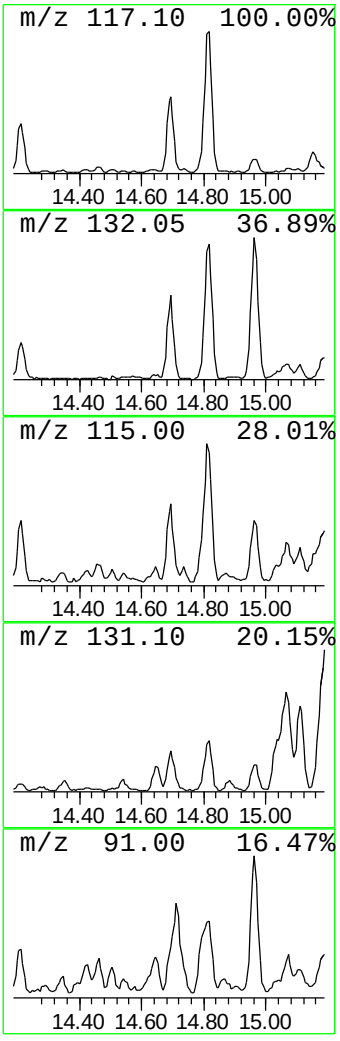
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	11.55 ug/l	472962	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	95
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021219\
Data File : VW008636.D
Acq On : 12 Feb 2019 21:13
Operator : SY/VA
Sample : K1343-25
Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-M

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

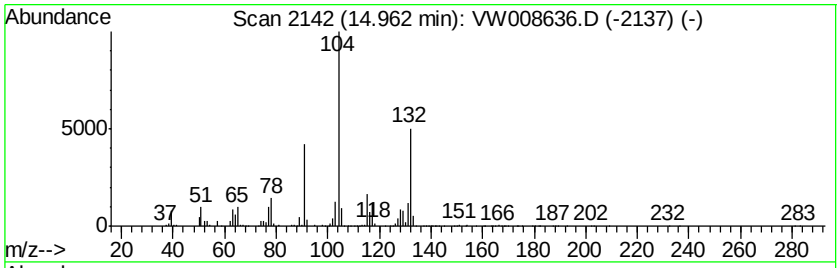
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

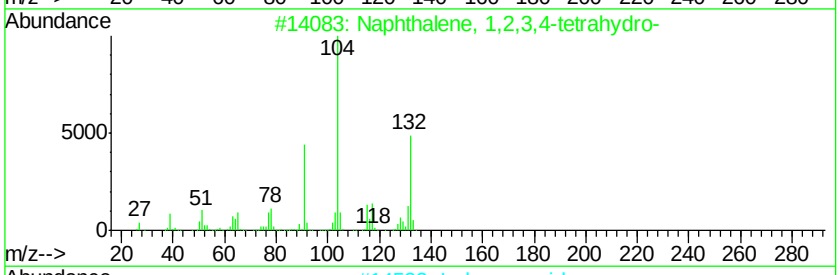
****

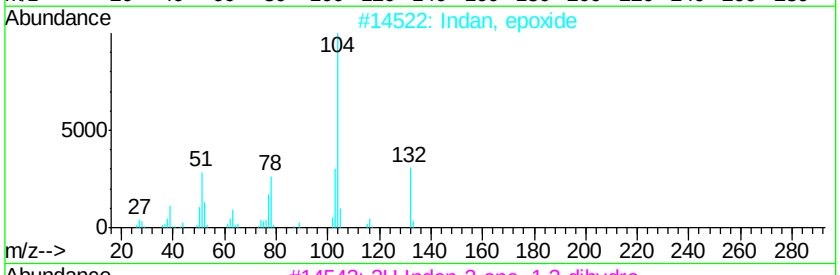
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

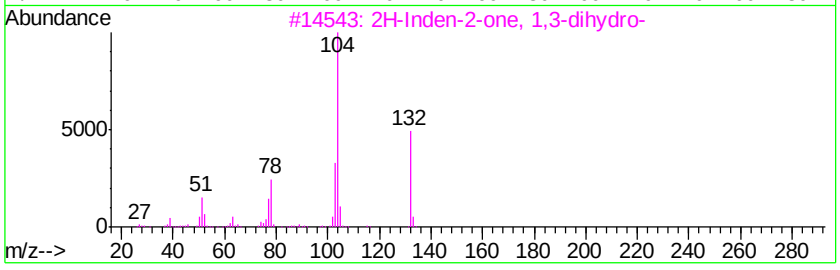
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	14.48 ug/l	593007	1,4-Dichlorobenzene-d4	13.56

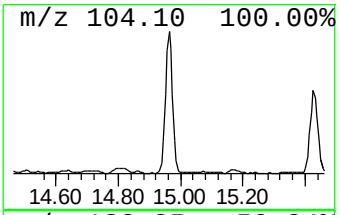
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	Indan, epoxide	132	C9H8O	000768-22-9	62
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
4	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
5	Phensuximide	189	C11H11NO2	000086-34-0	38

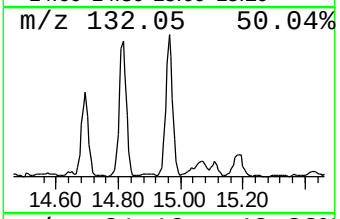


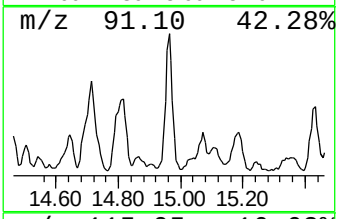


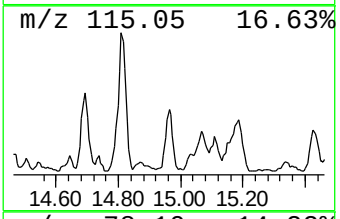


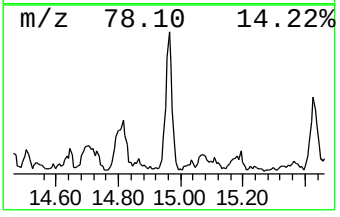












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021219\
Data File : VW008636.D
Acq On : 12 Feb 2019 21:13
Operator : SY/VA
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Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-M

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

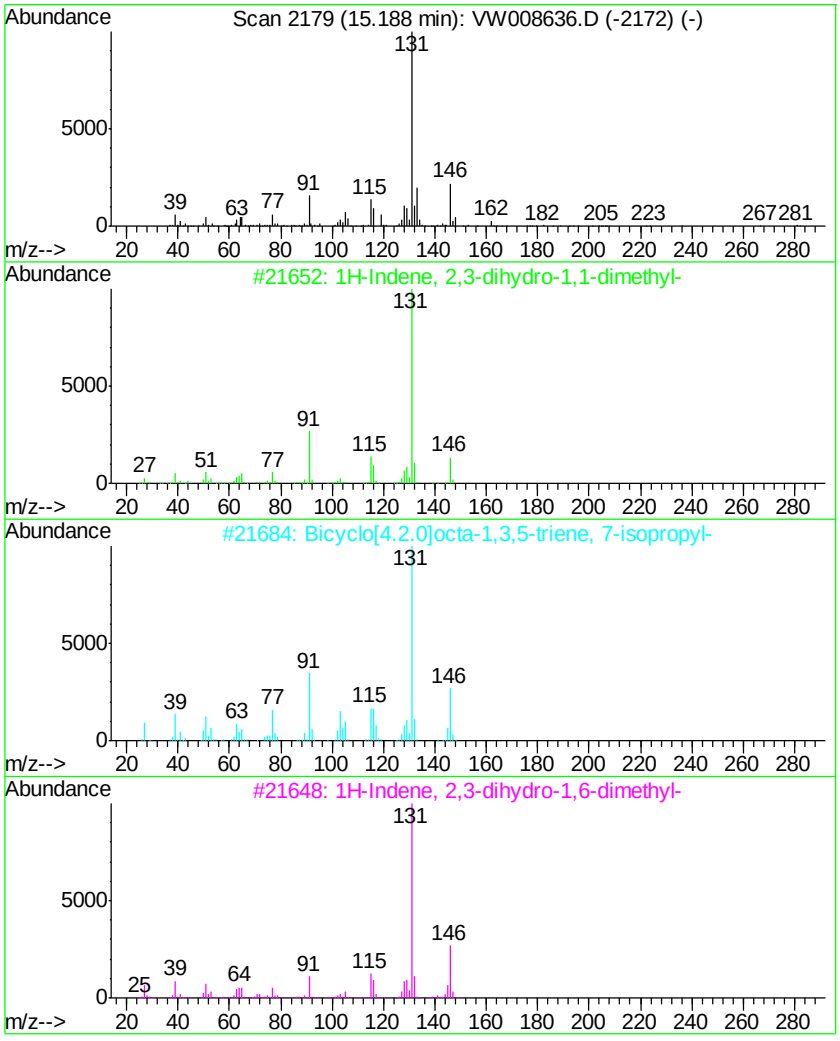
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

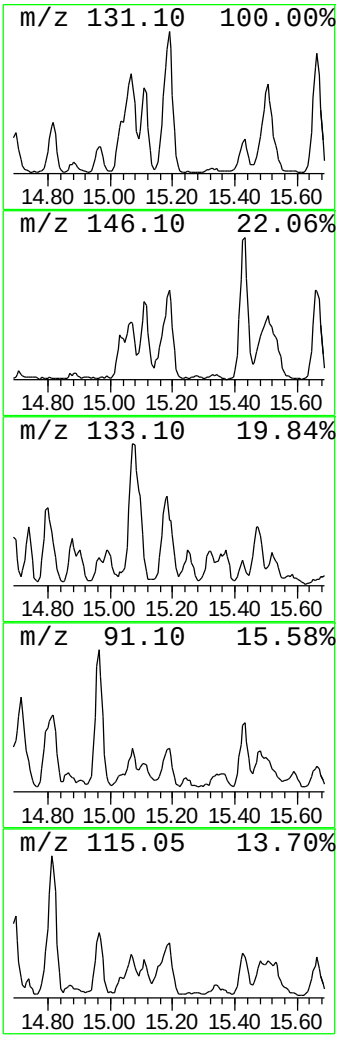
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	12.21 ug/l	499980	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	81
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81





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Acq On : 12 Feb 2019 21:13
Operator : SY/VA
Sample : K1343-25
Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-M

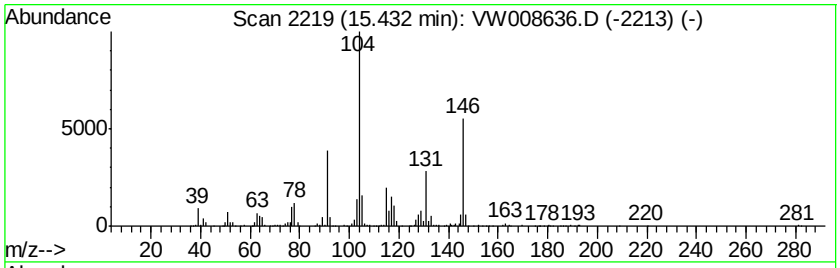
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

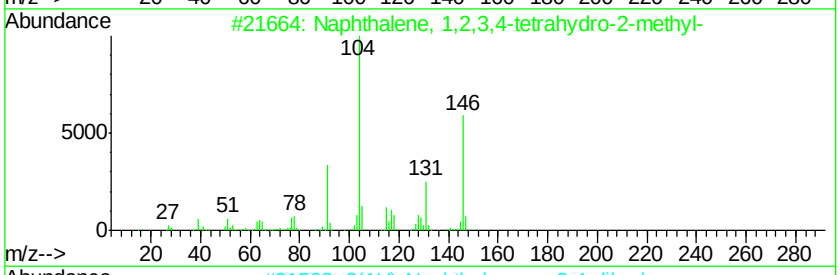
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

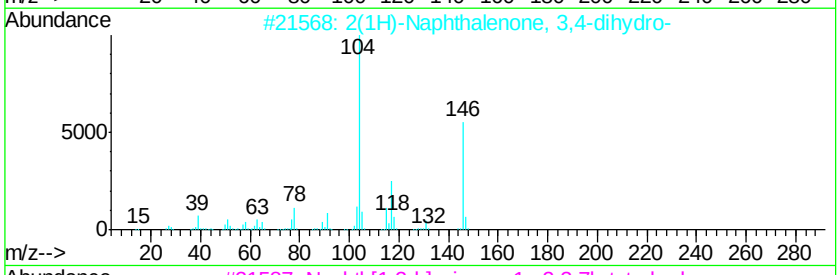
****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

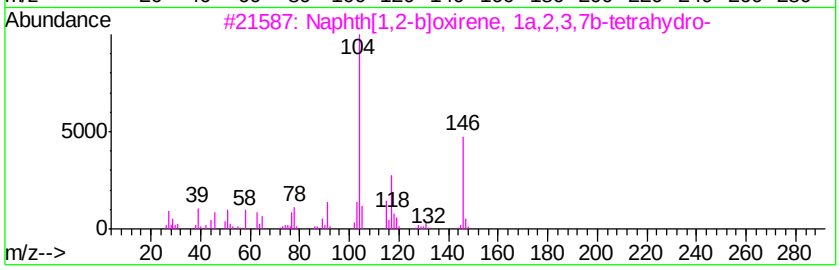
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	9.53 ug/l	390456	1,4-Dichlorobenzene-d4	13.56

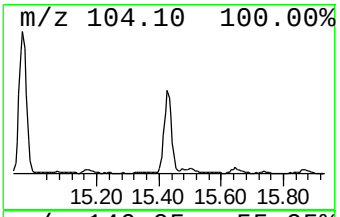
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	95
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	76
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	41

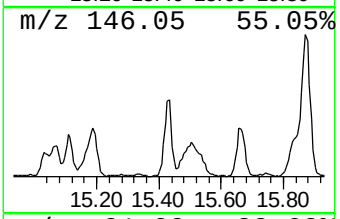


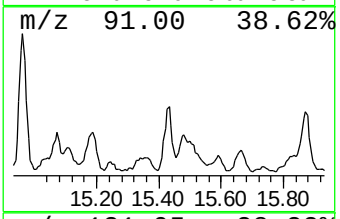


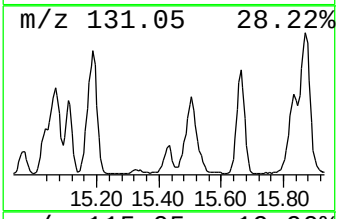


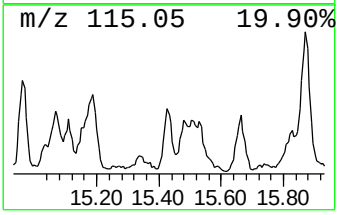












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021219\
Data File : VW008636.D
Acq On : 12 Feb 2019 21:13
Operator : SY/VA
Sample : K1343-25
Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-M

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

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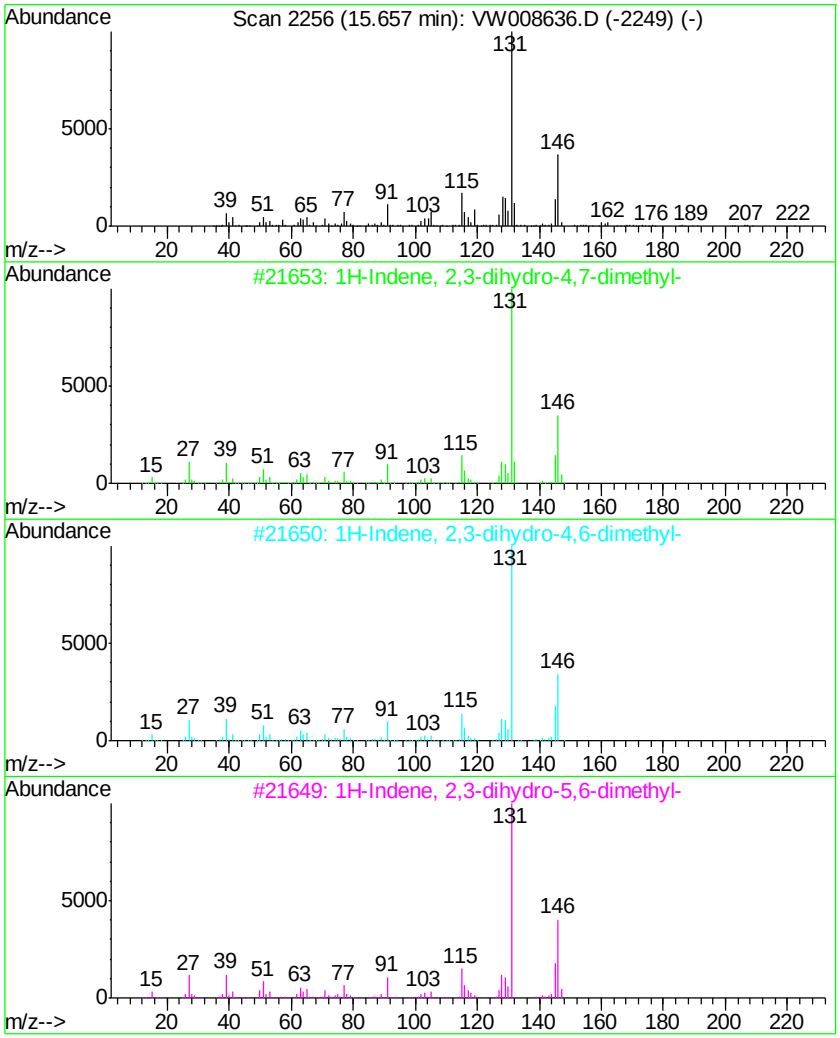
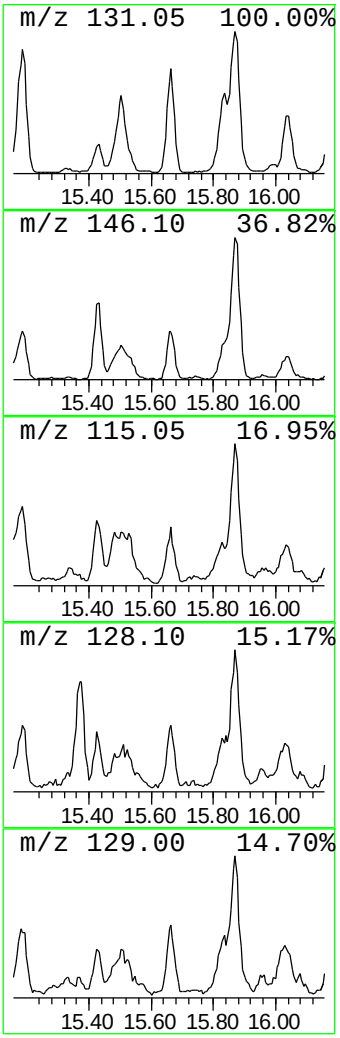
Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	10.02 ug/l	410343	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	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90





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Data File : VW008636.D
Acq On : 12 Feb 2019 21:13
Operator : SY/VA
Sample : K1343-25
Misc : 5.35G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-M

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

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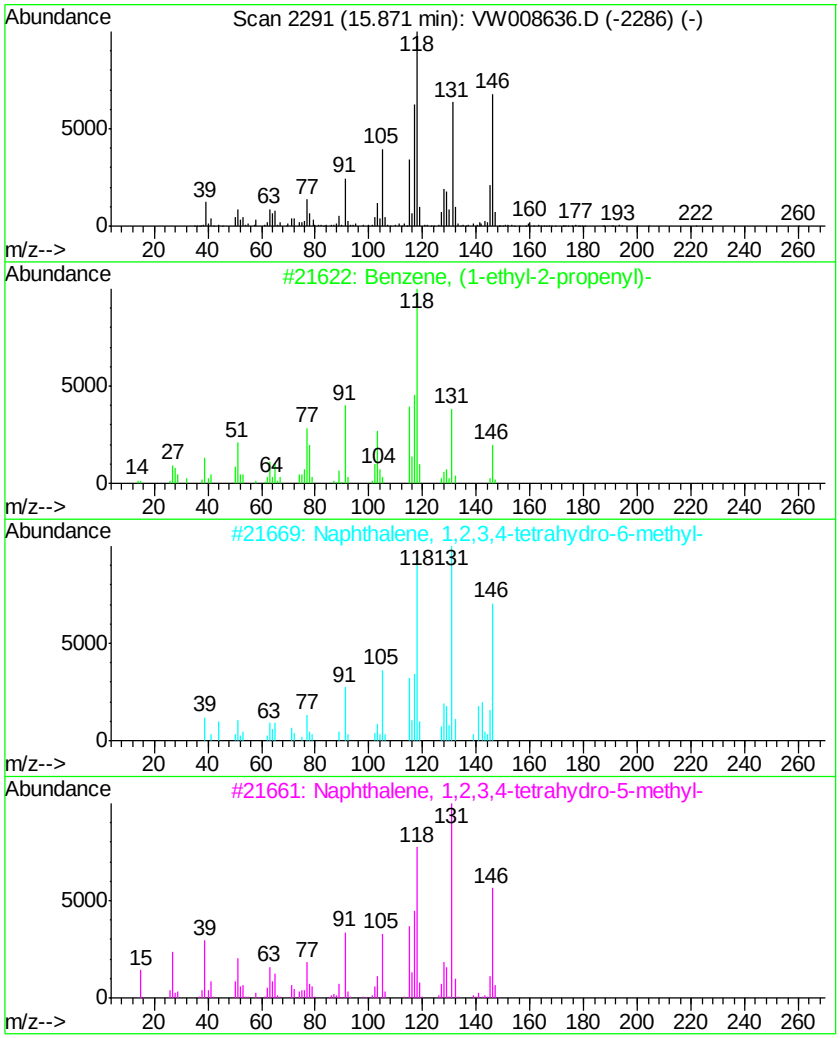
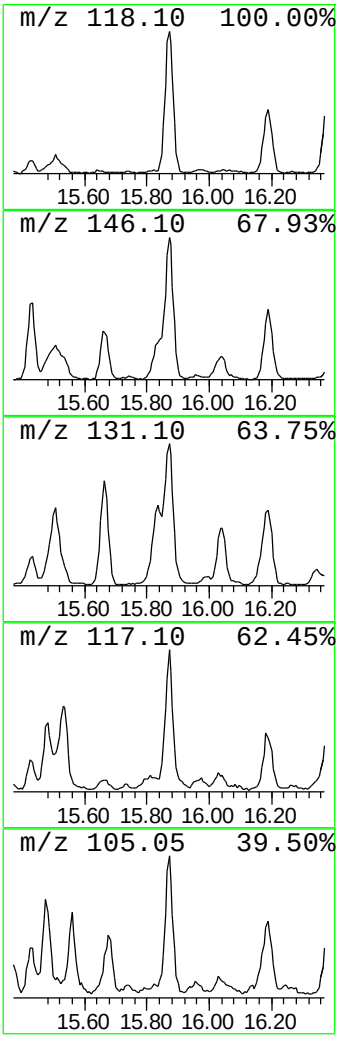
Peak Number 8 Benzene, (1-ethyl-2-propenyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	23.38 ug/l	957928	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	83
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	72
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021219\
Data File : VW008636.D
Acq On : 12 Feb 2019 21:13
Operator : SY/VA
Sample : K1343-25
Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-M

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

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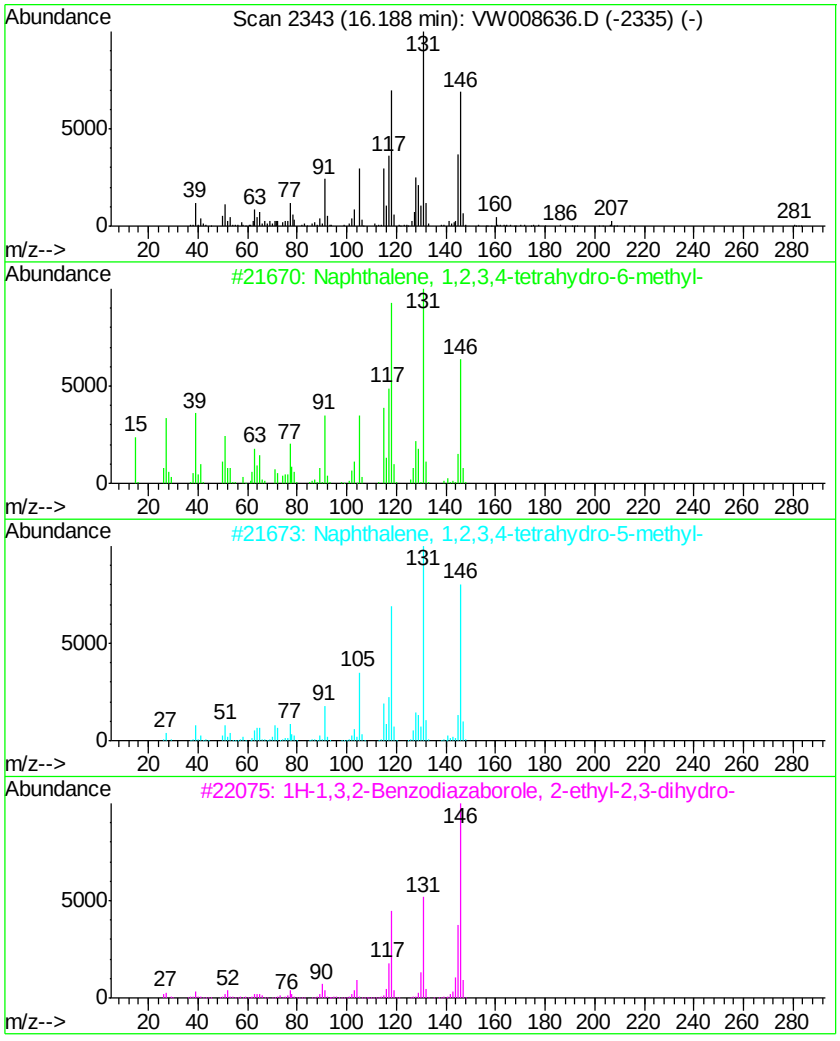
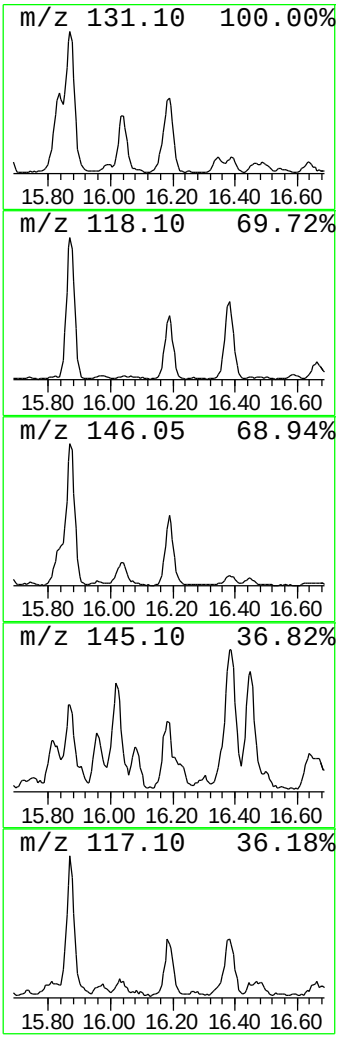
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	13.68 ug/l	560546	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	72
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021219\
Data File : VW008636.D
Acq On : 12 Feb 2019 21:13
Operator : SY/VA
Sample : K1343-25
Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-M

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

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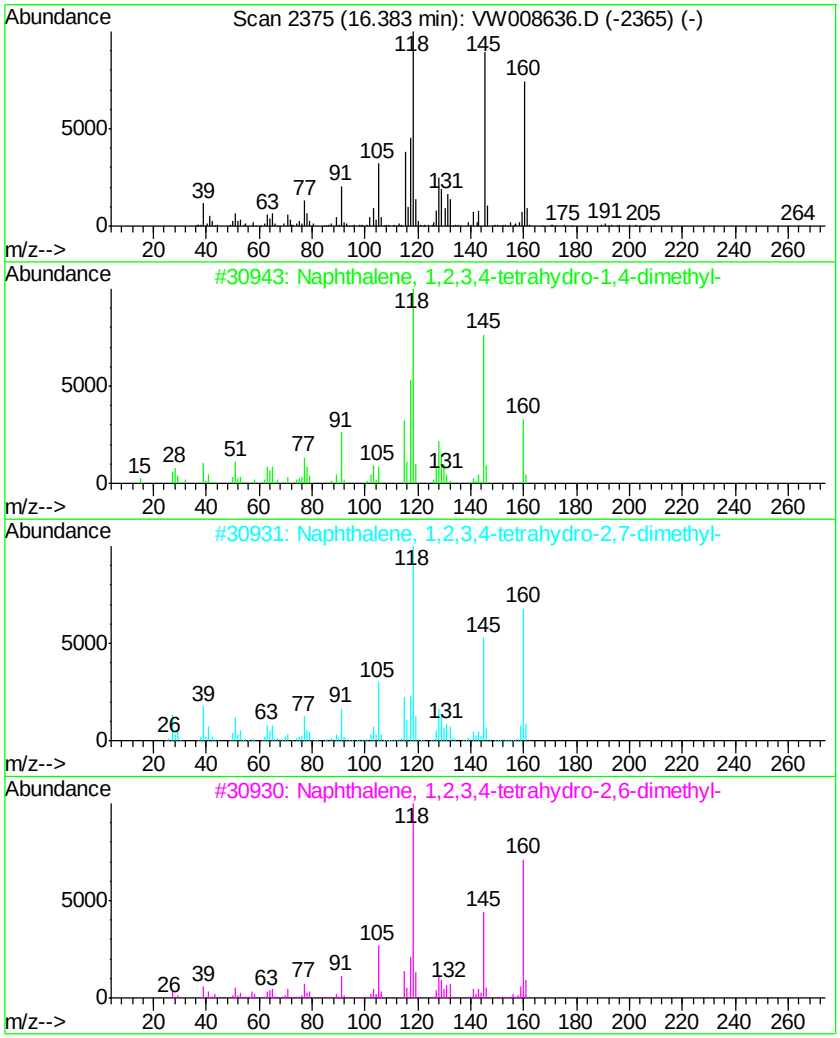
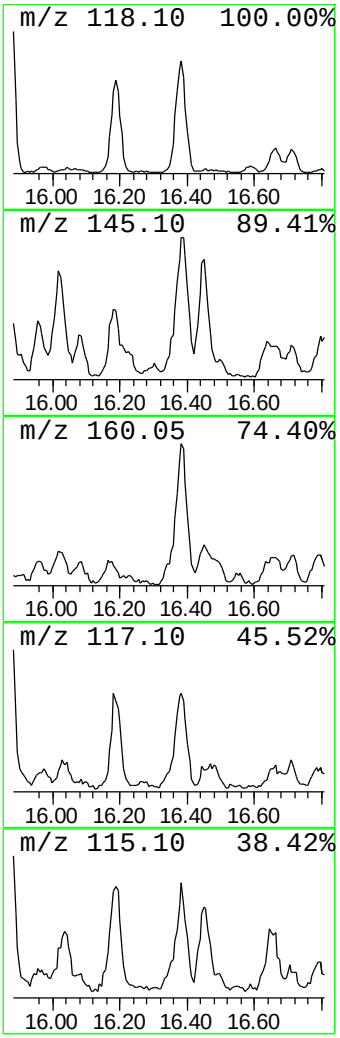
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	12.48 ug/l	511320	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	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	89
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
5	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021219\
Data File : VW008636.D
Acq On : 12 Feb 2019 21:13
Operator : SY/VA
Sample : K1343-25
Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-M

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.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, 2-etheny...	14.69	11.6	ug/l	472962	4	13.56	2048240	50.0
Naphthalene, 1,2,...	14.96	14.5	ug/l	593007	4	13.56	2048240	50.0
1H-Indene, 2,3-di...	15.19	12.2	ug/l	499980	4	13.56	2048240	50.0
Naphthalene, 1,2,...	15.43	9.5	ug/l	390456	4	13.56	2048240	50.0
1H-Indene, 2,3-di...	15.66	10.0	ug/l	410343	4	13.56	2048240	50.0
Benzene, (1-ethyl...	15.87	23.4	ug/l	957928	4	13.56	2048240	50.0
Naphthalene, 1,2,...	16.19	13.7	ug/l	560546	4	13.56	2048240	50.0
Naphthalene, 1,2,...	16.38	12.5	ug/l	511320	4	13.56	2048240	50.0