LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
Data File : VW004619.D
Acq On : 11 Aug 2018 02:25
Operator : SY/AP
Sample : J4272-03
Misc : 6.30G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-080918-B

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\82W080618S.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	1.819	29	38	59	rVB	5931388	15409885	100.00%	45.307%
2	7.147	902	912	925	rBV	67595	191837	1.24%	0.564%
3	7.891	1025	1034	1038	rBV	92038	221885	1.44%	0.652%
4	7.952	1038	1044	1053	rVB	211585	475381	3.08%	1.398%
5	8.312	1094	1103	1114	rBV2	104391	256128	1.66%	0.753%
6	8.848	1182	1191	1202	rBV	268748	535560	3.48%	1.575%
7	10.329	1425	1434	1440	rBV	295285	534063	3.47%	1.570%
8	11.634	1641	1648	1658	rBV	282066	486901	3.16%	1.432%
9	11.847	1673	1683	1693	rBV2	100426	236124	1.53%	0.694%
10	12.171	1724	1736	1744	rBV	163015	346059	2.25%	1.017%
11	12.622	1805	1810	1815	rBV	159944	274701	1.78%	0.808%
12	12.872	1844	1851	1854	rBV	106594	182281	1.18%	0.536%
13	12.945	1859	1863	1869	rVB3	241996	459572	2.98%	1.351%
14	13.109	1877	1890	1896	rBV	198379	424280	2.75%	1.247%
15	13.170	1896	1900	1908	rVV3	87301	162677	1.06%	0.478%
16	13.451	1940	1946	1950	rBV2	146118	263322	1.71%	0.774%
17	13.500	1950	1954	1960	rVV3	92974	199837	1.30%	0.588%
18	13.567	1960	1965	1967	rVV	261707	427460	2.77%	1.257%
19	13.591	1967	1969	1973	rVV	259567	353068	2.29%	1.038%
20	13.762	1993	1997	2000	rVV2	286165	462673	3.00%	1.360%
21	13.798	2000	2003	2012	rVB2	248713	457545	2.97%	1.345%
22	13.884	2012	2017	2022	rBV3	522356	805942	5.23%	2.370%
23	13.957	2022	2029	2036	rVV	159756	296059	1.92%	0.870%
24	14.048	2041	2044	2048	rVV2	154226	232093	1.51%	0.682%
25	14.103	2048	2053	2057	rVB	255720	365498	2.37%	1.075%
26	14.213	2066	2071	2076	rVB2	342313	560107	3.63%	1.647%
27	14.347	2087	2093	2097	rBV4	146616	322928	2.10%	0.949%
28	14.396	2097	2101	2104	rVV2	210027	315714	2.05%	0.928%
29	14.469	2110	2113	2116	rVB	203849	252147	1.64%	0.741%
30	14.512	2116	2120	2123	rBV2	193977	252598	1.64%	0.743%
31	14.554	2123	2127	2133	rVB4	158815	247810	1.61%	0.729%
32	14.695	2146	2150	2153	rBV2	166082	267076	1.73%	0.785%
33	14.737	2153	2157	2162	rVB2	477509	743672	4.83%	2.186%
34	14.816	2162	2170	2174	rBV4	577062	1398425	9.07%	4.112%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
Data File : VW004619.D
Acq On : 11 Aug 2018 02:25
Operator : SY/AP
Sample : J4272-03
Misc : 6.30G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-080918-B

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\82W080618S.M
Title : SW846 8260

35	14.969	2190	2195	2201	rVB	341636	566668	3.68%	1.666%
36	15.073	2208	2212	2216	rBV3	193026	308093	2.00%	0.906%
37	15.188	2224	2231	2239	rBV3	224386	568351	3.69%	1.671%
38	15.262	2240	2243	2251	rVB7	106694	223498	1.45%	0.657%
39	15.341	2251	2256	2264	rBV5	192177	386170	2.51%	1.135%
40	15.432	2266	2271	2276	rBV	197405	326445	2.12%	0.960%
41	15.487	2276	2280	2282	rBV3	101042	174042	1.13%	0.512%
42	15.566	2289	2293	2302	rVB2	296705	581099	3.77%	1.709%
43	15.670	2302	2310	2316	rBV4	163749	438464	2.85%	1.289%
44	15.743	2319	2322	2329	rVV5	87914	160118	1.04%	0.471%
45	15.835	2332	2337	2339	rVV4	104854	212379	1.38%	0.624%
46	15.877	2339	2344	2353	rVB	337200	663388	4.30%	1.950%
47	16.188	2388	2395	2400	rBV2	182129	407931	2.65%	1.199%
48	16.389	2422	2428	2434	rVB3	187218	393046	2.55%	1.156%
49	16.670	2465	2474	2479	rBV3	48494	181222	1.18%	0.533%

Sum of corrected areas: 34012222

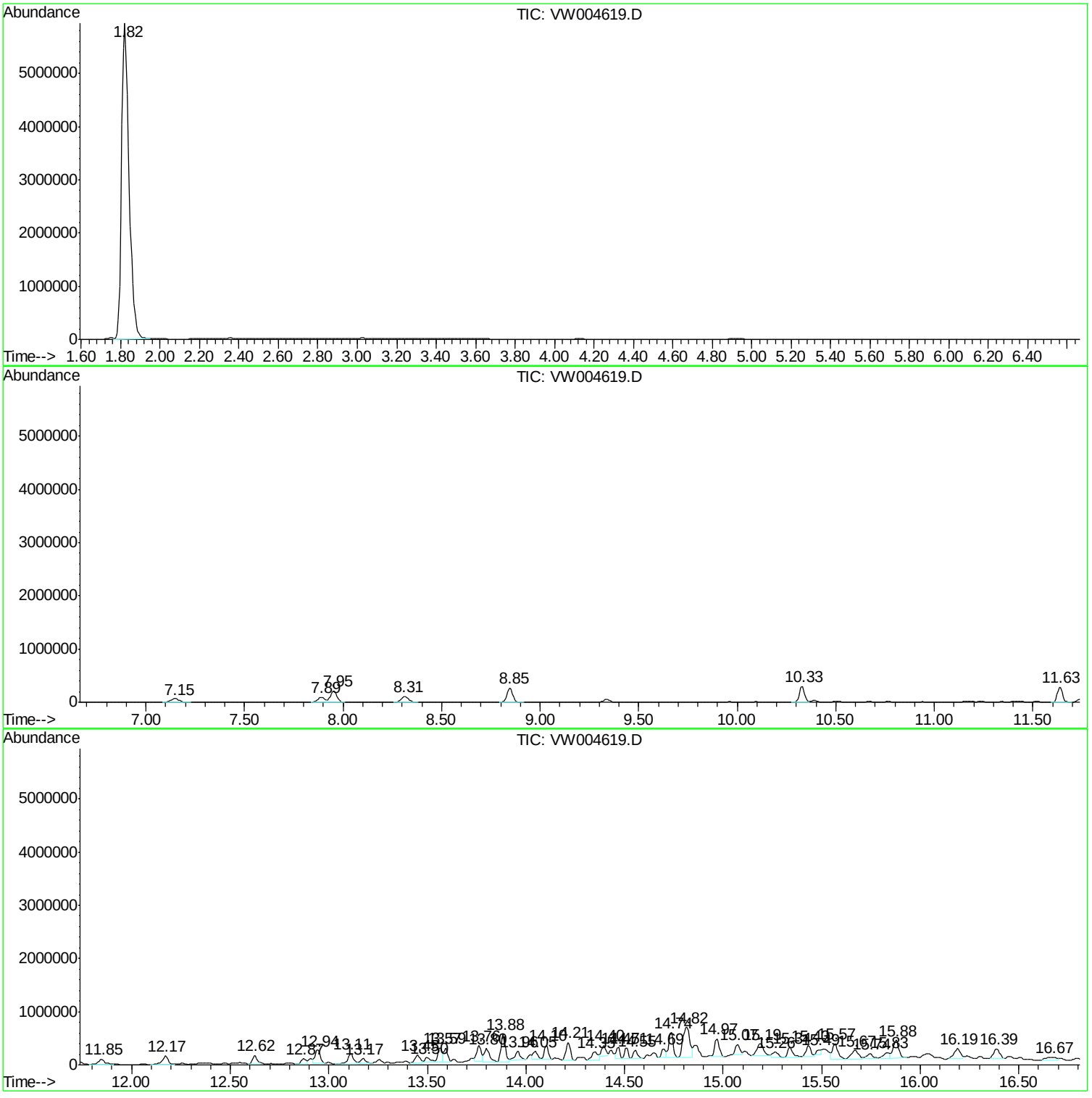
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
Data File : VW004619.D
Acq On : 11 Aug 2018 02:25
Operator : SY/AP
Sample : J4272-03
Misc : 6.30G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-080918-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.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\VW081318\
Data File : VW004619.D
Acq On : 11 Aug 2018 02:25
Operator : SY/AP
Sample : J4272-03
Misc : 6.30G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-080918-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

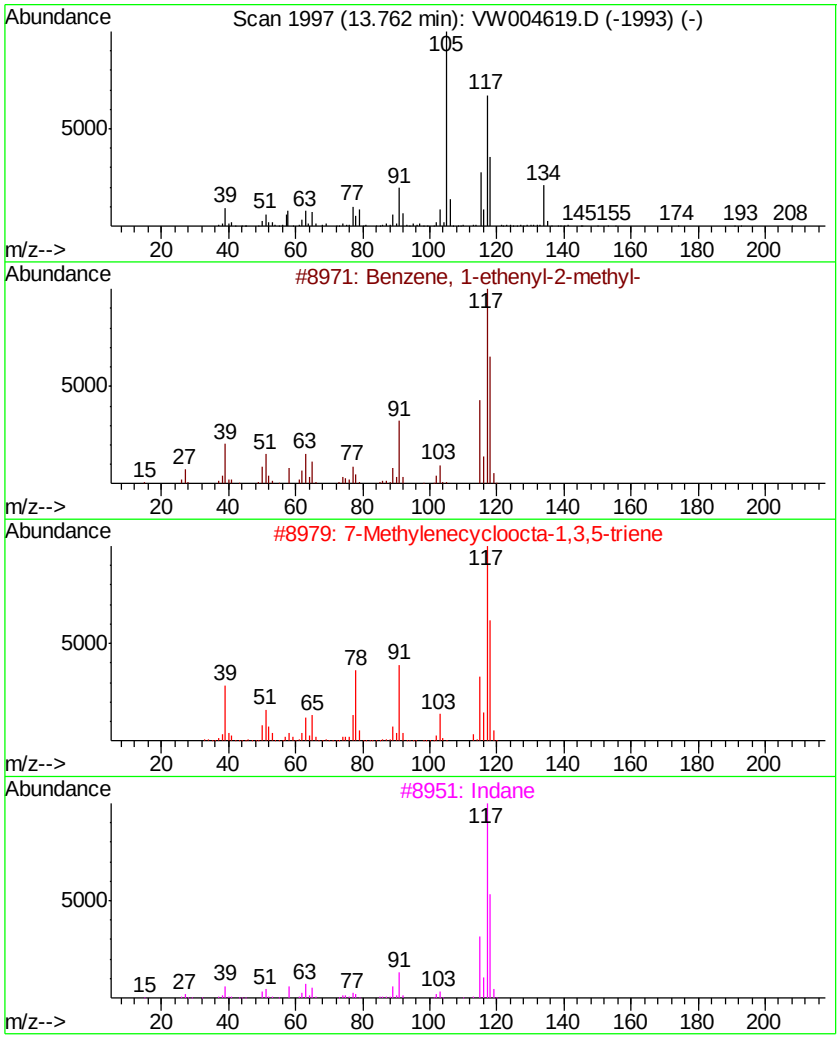
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

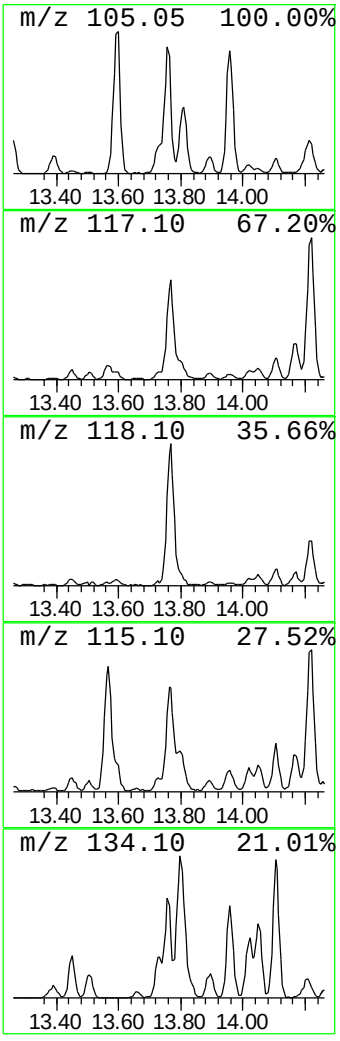
****

Peak Number 2 Benzene, 1-ethenyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	54.12 ug/l	462673	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50
2	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	50
3	Indane	118	C9H10	000496-11-7	46
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	45
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
Data File : VW004619.D
Acq On : 11 Aug 2018 02:25
Operator : SY/AP
Sample : J4272-03
Misc : 6.30G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-080918-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

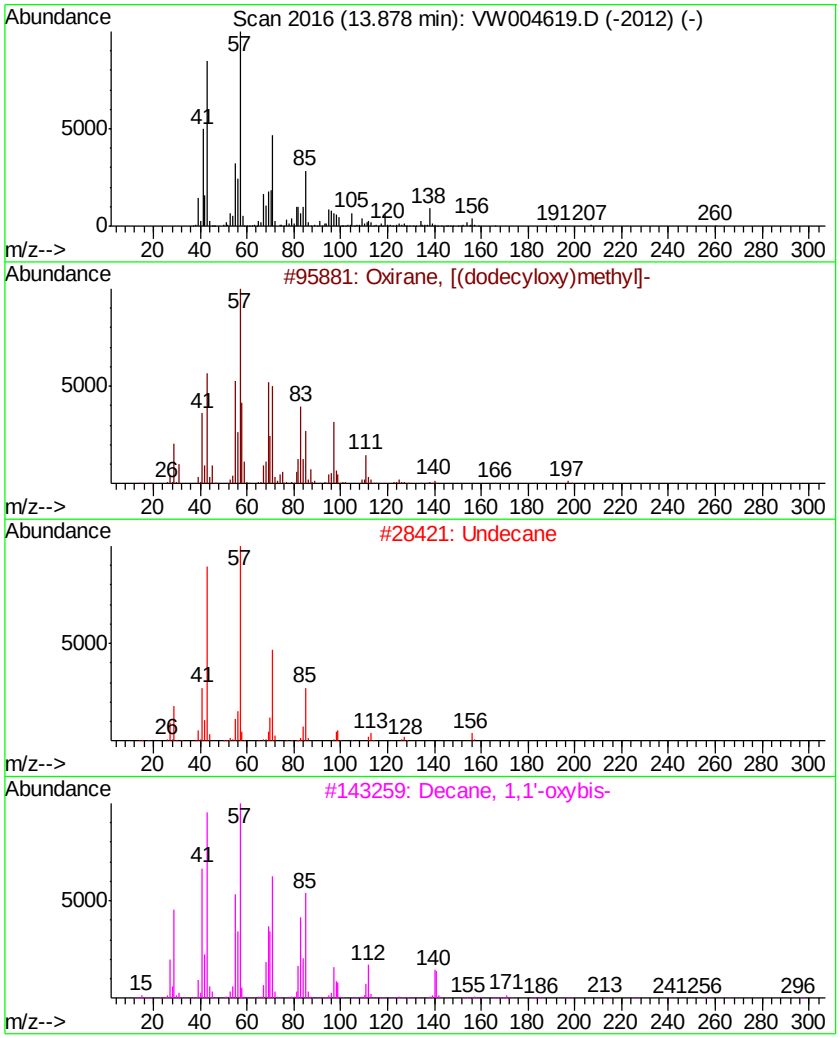
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

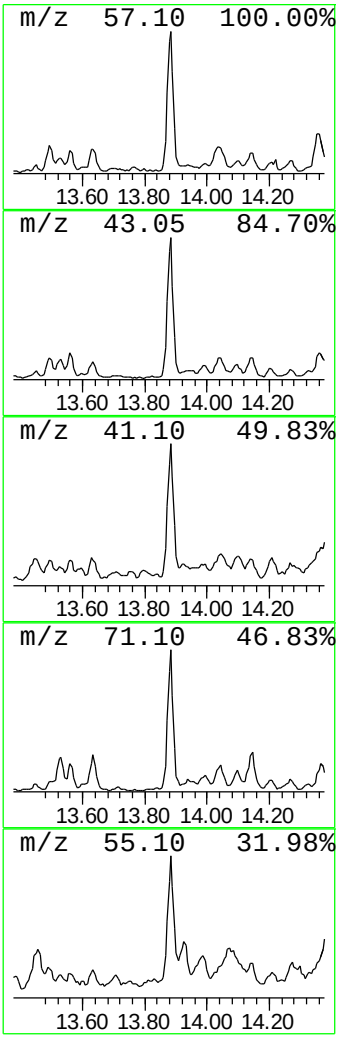
****

Peak Number 3 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	94.27 ug/l	805942	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	64
2	Undecane	156	C11H24	001120-21-4	58
3	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	50
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43
5	Hexadecane	226	C16H34	000544-76-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
Data File : VW004619.D
Acq On : 11 Aug 2018 02:25
Operator : SY/AP
Sample : J4272-03
Misc : 6.30G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-080918-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

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

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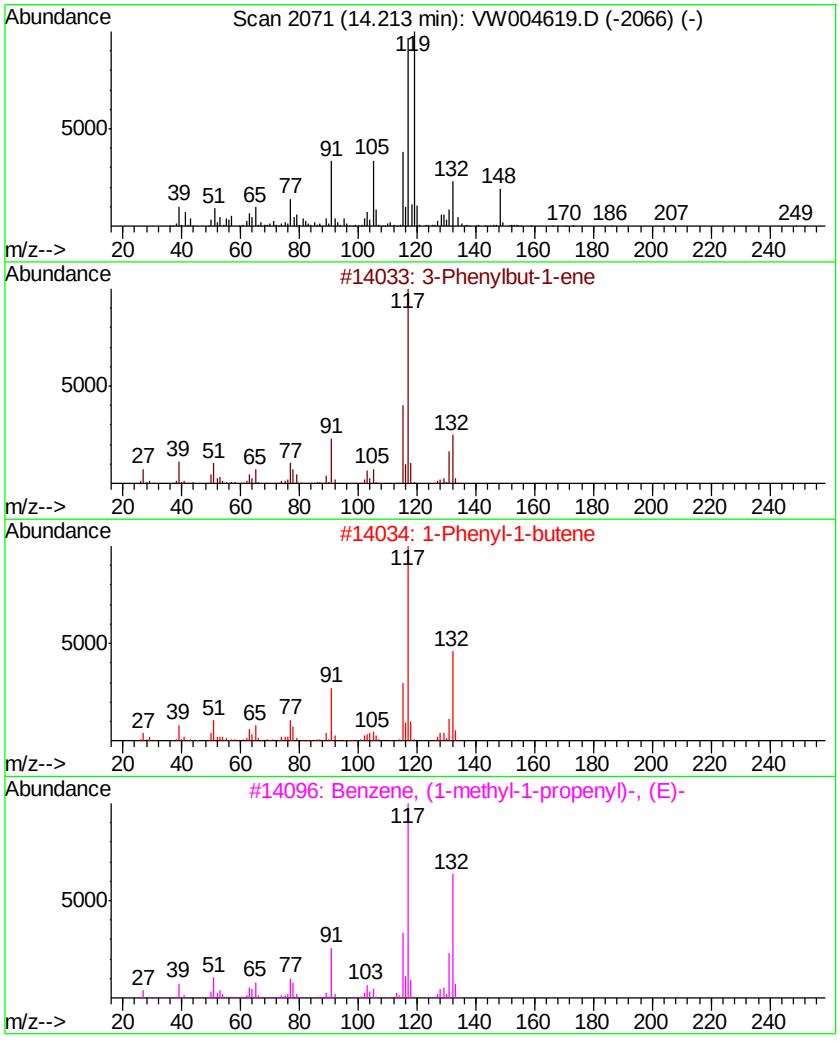
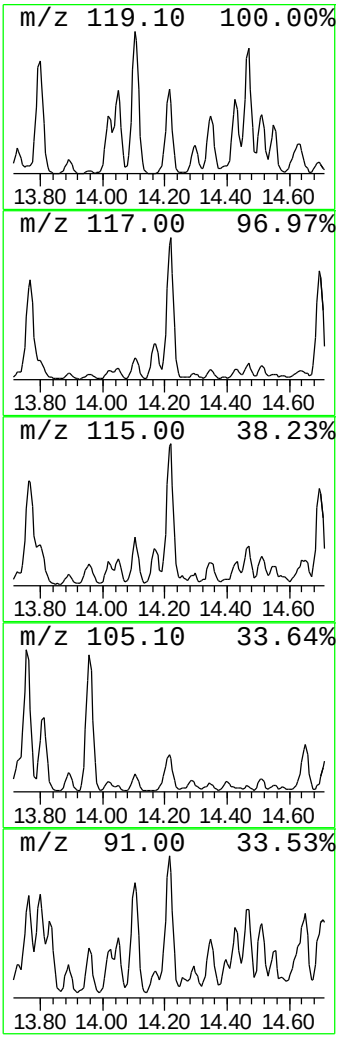
Peak Number 4 3-Phenylbut-1-ene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	65.52 ug/l	560107	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	49
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	46
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	45
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
Data File : VW004619.D
Acq On : 11 Aug 2018 02:25
Operator : SY/AP
Sample : J4272-03
Misc : 6.30G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-080918-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

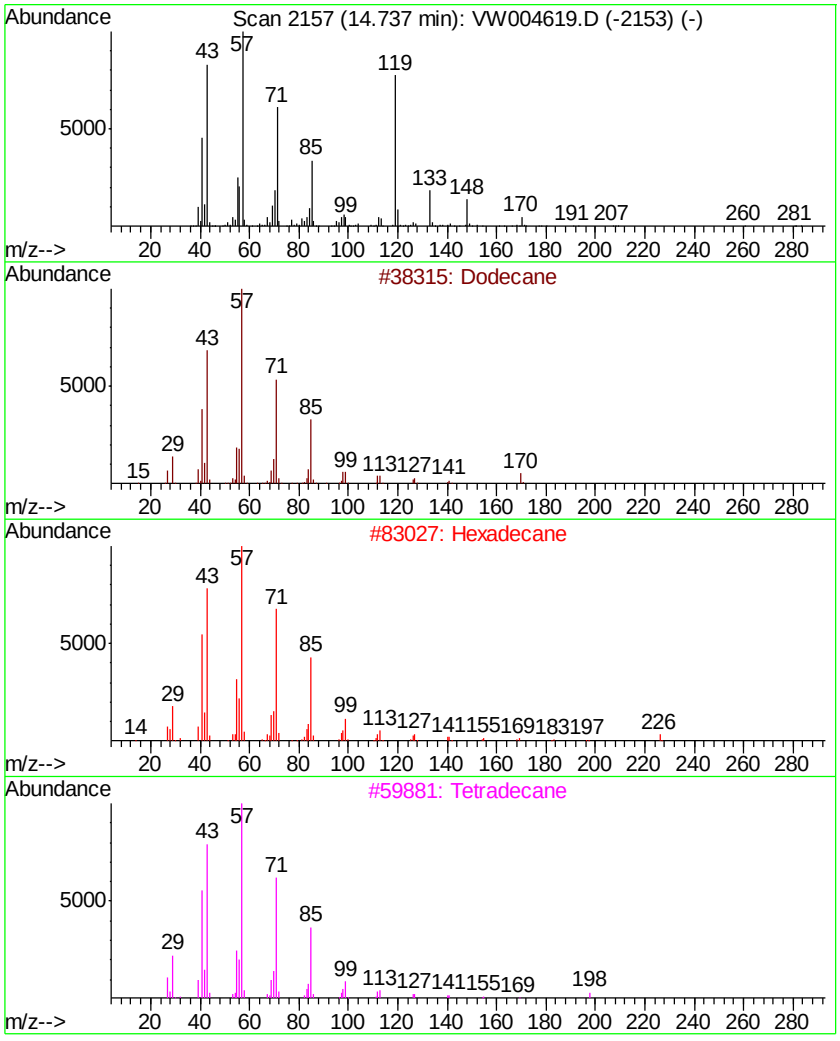
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

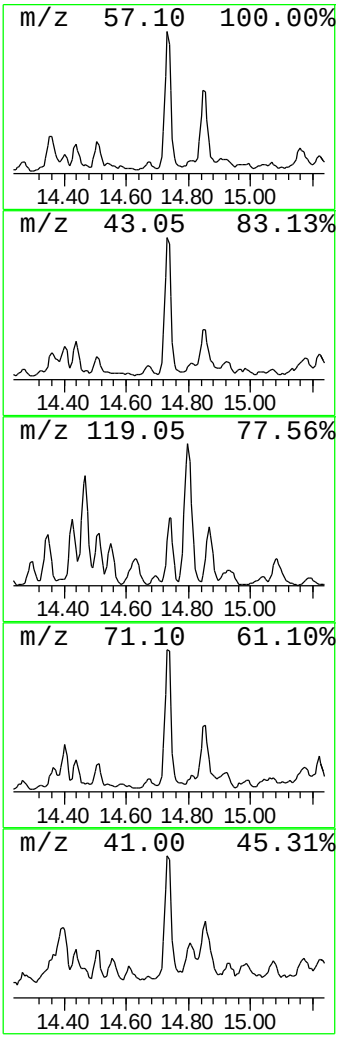
****

Peak Number 5 unknown14.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	86.99 ug/l	743672	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	46
2	Hexadecane	226	C16H34	000544-76-3	43
3	Tetradecane	198	C14H30	000629-59-4	43
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	38
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
Data File : VW004619.D
Acq On : 11 Aug 2018 02:25
Operator : SY/AP
Sample : J4272-03
Misc : 6.30G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-080918-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

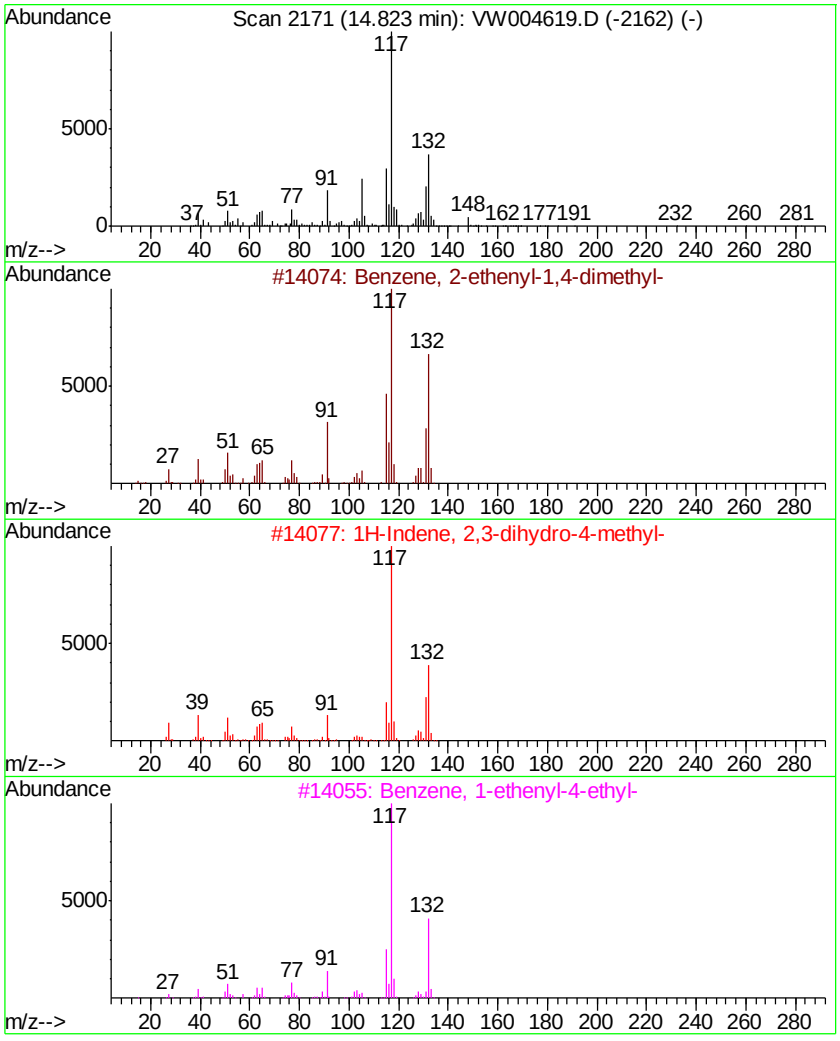
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

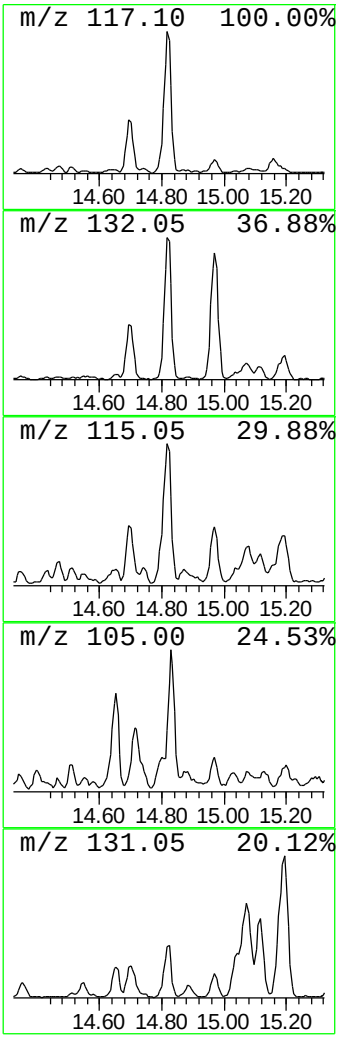
****

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	163.57 ug/l	1398430	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
Data File : VW004619.D
Acq On : 11 Aug 2018 02:25
Operator : SY/AP
Sample : J4272-03
Misc : 6.30G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-080918-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

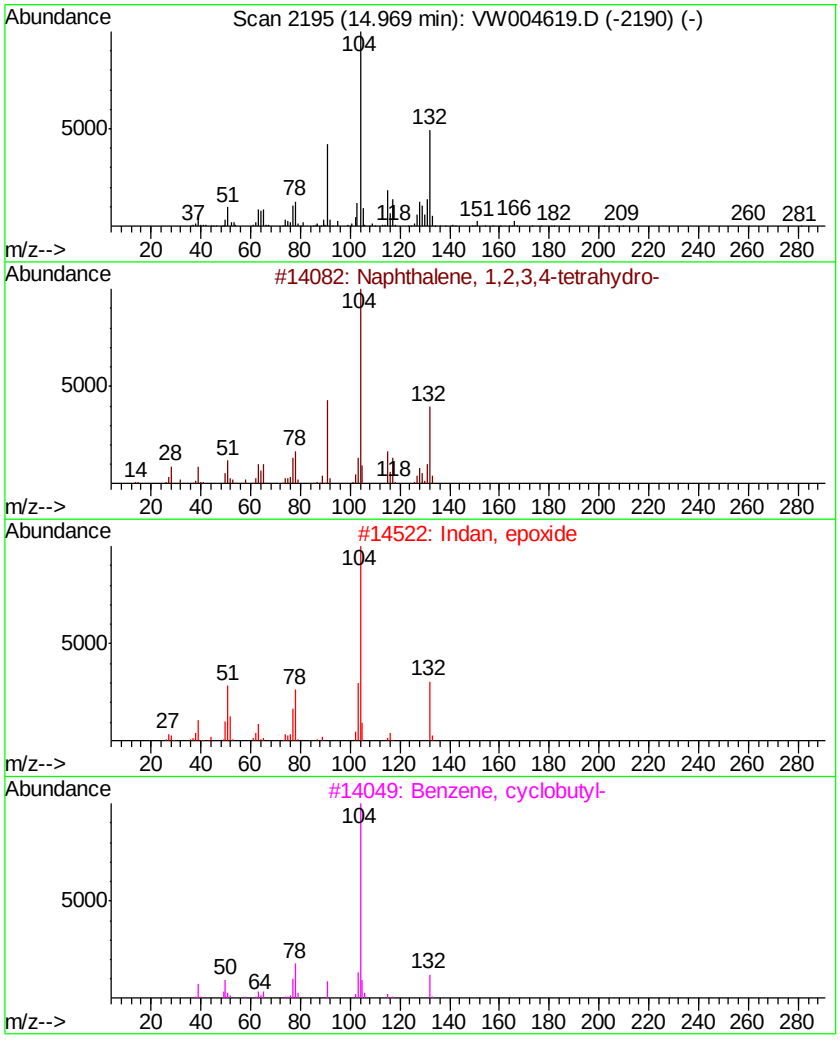
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

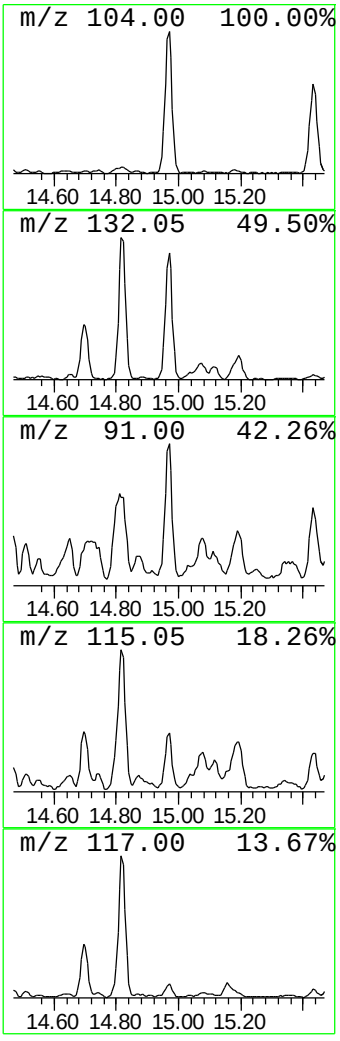
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	66.28 ug/l	566668	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
4	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
Data File : VW004619.D
Acq On : 11 Aug 2018 02:25
Operator : SY/AP
Sample : J4272-03
Misc : 6.30G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-080918-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

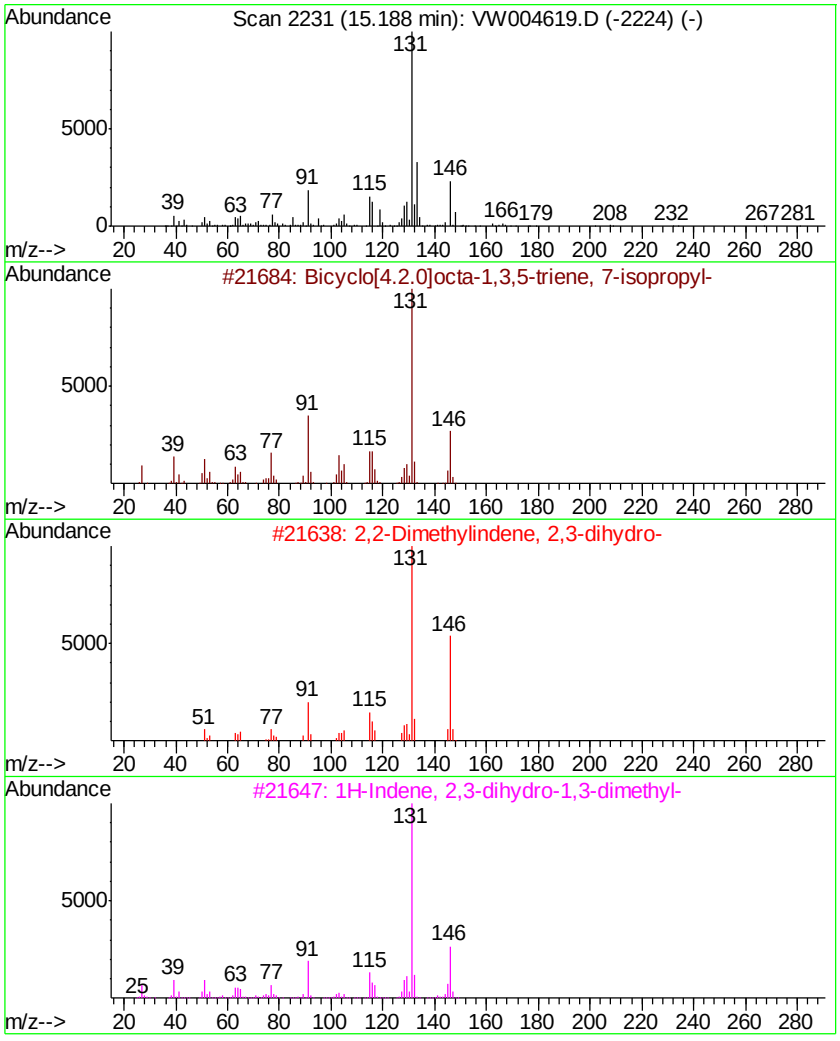
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

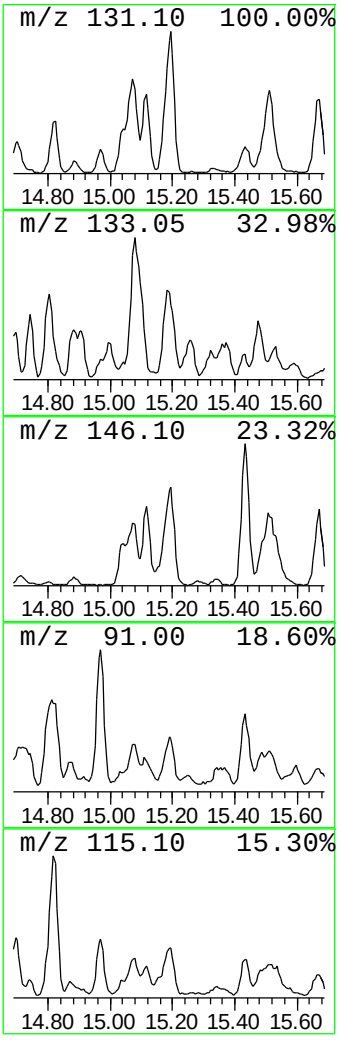
****

Peak Number 8 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	66.48 ug/l	568351	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	81
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
Data File : VW004619.D
Acq On : 11 Aug 2018 02:25
Operator : SY/AP
Sample : J4272-03
Misc : 6.30G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-080918-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

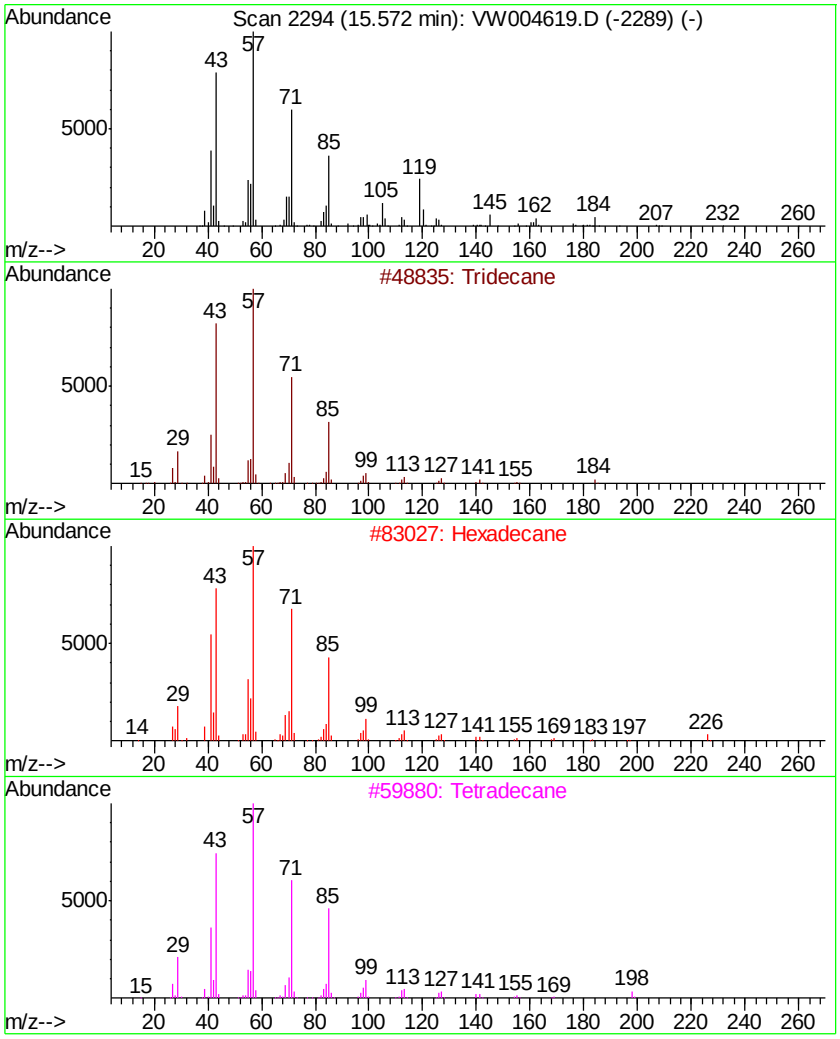
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

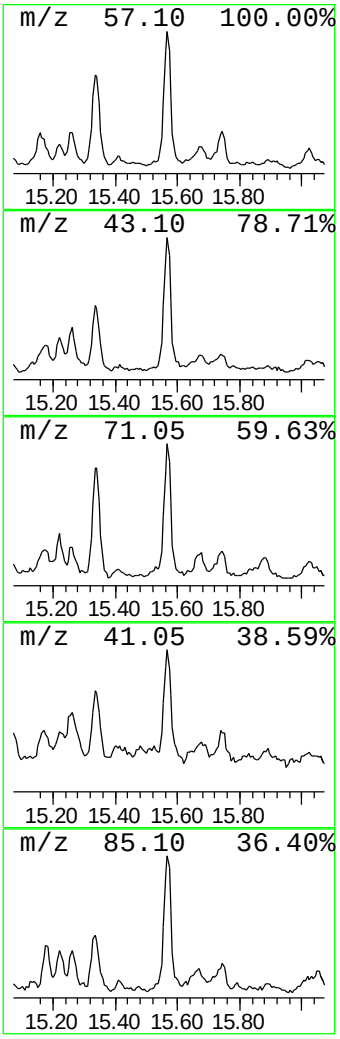
****

Peak Number 9 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	67.97 ug/l	581099	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Hexadecane	226	C16H34	000544-76-3	58
3	Tetradecane	198	C14H30	000629-59-4	49
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	47
5	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
Data File : VW004619.D
Acq On : 11 Aug 2018 02:25
Operator : SY/AP
Sample : J4272-03
Misc : 6.30G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-080918-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

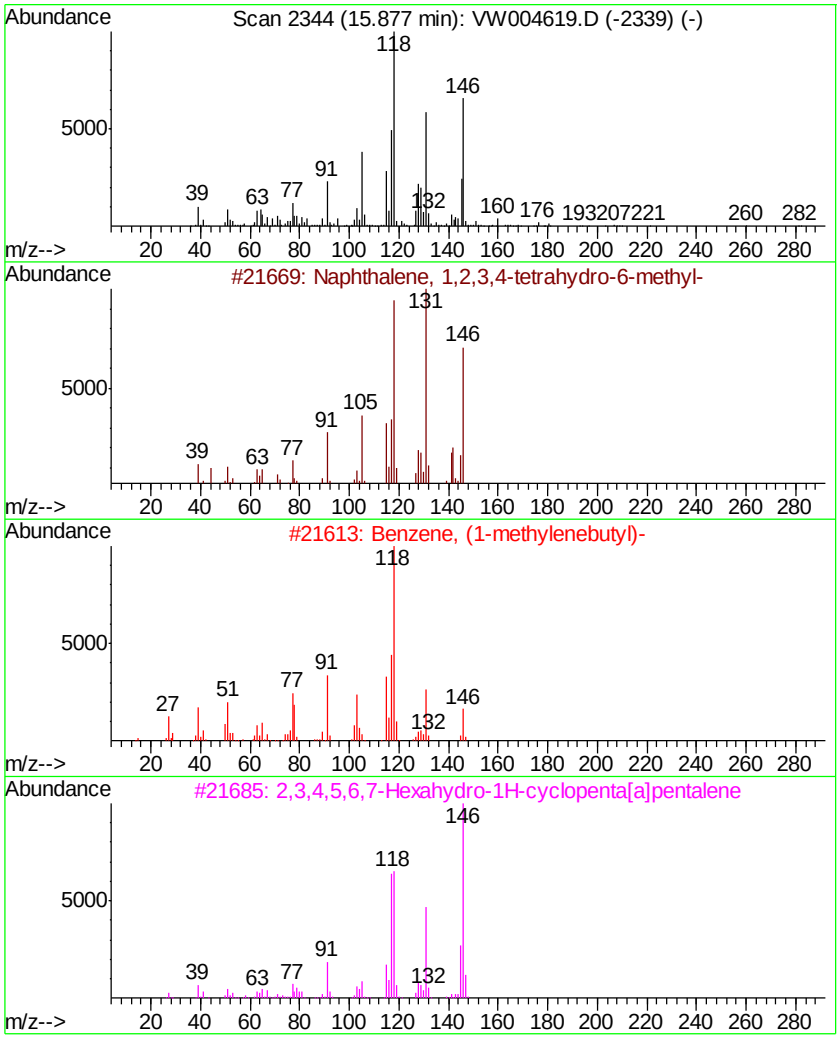
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

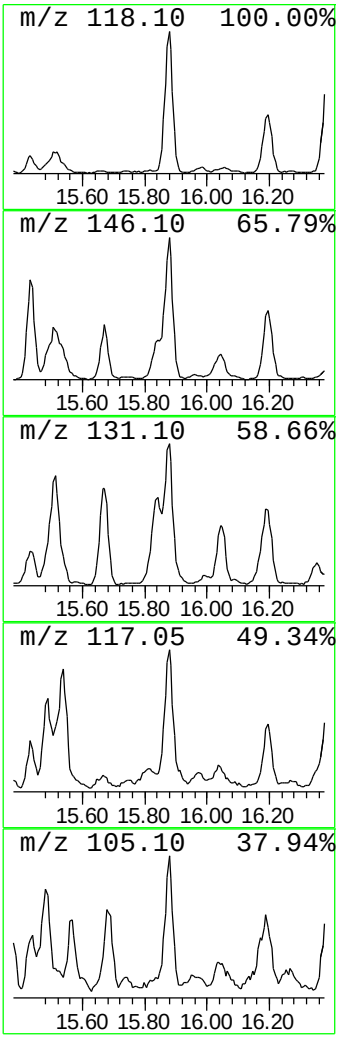
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	77.60 ug/l	663388	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
2	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	64
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	47
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	46
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
Data File : VW004619.D
Acq On : 11 Aug 2018 02:25
Operator : SY/AP
Sample : J4272-03
Misc : 6.30G/5ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-080918-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.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...	13.76	54.1	ug/l	462673	4	13.57	427460	50.0
Oxirane, [(dodecy...	13.88	94.3	ug/l	805942	4	13.57	427460	50.0
3-Phenylbut-1-ene	14.21	65.5	ug/l	560107	4	13.57	427460	50.0
unknown14.74	14.74	87.0	ug/l	743672	4	13.57	427460	50.0
Benzene, 2-etheny...	14.82	163.6	ug/l	1398430	4	13.57	427460	50.0
Naphthalene, 1,2,...	14.97	66.3	ug/l	566668	4	13.57	427460	50.0
Bicyclo[4.2.0]oct...	15.19	66.5	ug/l	568351	4	13.57	427460	50.0
Tridecane	15.57	68.0	ug/l	581099	4	13.57	427460	50.0
Naphthalene, 1,2,...	15.88	77.6	ug/l	663388	4	13.57	427460	50.0