LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6403-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-3-OILY-WATER

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_X\METHOD\82X112918W.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	1.642	66	80	81	rBV2	56290	180234	3.89%	0.408%
2	5.501	700	713	725	rBV	361693	1024617	22.12%	2.321%
3	5.659	729	739	755	rVV	628579	1789901	38.65%	4.054%
4	6.068	796	806	822	rBV	380058	984024	21.25%	2.229%
5	6.860	923	936	950	rBV	950025	2240298	48.37%	5.074%
6	8.714	1233	1240	1249	rBV	1980294	3082306	66.55%	6.981%
7	10.116	1462	1470	1478	rBV	1912106	2696105	58.21%	6.107%
8	10.250	1488	1492	1501	rVB	33565	46934	1.01%	0.106%
9	10.701	1560	1566	1571	rBV	33903	53066	1.15%	0.120%
10	11.140	1632	1638	1646	rBV	1696246	2183461	47.15%	4.946%
11	11.451	1682	1689	1694	rBV	88595	132621	2.86%	0.300%
12	11.506	1694	1698	1702	rVV	72552	85968	1.86%	0.195%
13	11.664	1720	1724	1731	rBV	124333	160412	3.46%	0.363%
14	11.804	1740	1747	1752	rBV	251301	309299	6.68%	0.701%
15	12.024	1777	1783	1786	rBV	46310	55623	1.20%	0.126%
16	12.079	1786	1792	1798	rVV	2236388	2784668	60.13%	6.307%
17	12.140	1798	1802	1808	rVB	230721	291113	6.29%	0.659%
18	12.298	1821	1828	1835	rBV	795456	985097	21.27%	2.231%
19	12.371	1835	1840	1846	rVB2	173004	224168	4.84%	0.508%
20	12.469	1851	1856	1860	rVB2	54864	76801	1.66%	0.174%
21	12.585	1870	1875	1877	rBV	73154	95140	2.05%	0.215%
22	12.609	1877	1879	1883	rVB	87444	90800	1.96%	0.206%
23	12.664	1883	1888	1892	rBV	255015	322000	6.95%	0.729%
24	12.756	1898	1903	1908	rBV	404689	550839	11.89%	1.248%
25	12.804	1908	1911	1915	rVV	41183	51273	1.11%	0.116%
26	12.902	1922	1927	1931	rBV	68408	86200	1.86%	0.195%
27	12.975	1935	1939	1942	rVV	87496	100272	2.17%	0.227%
28	13.018	1942	1946	1952	rVB	206760	253449	5.47%	0.574%
29	13.103	1952	1960	1962	rBV	42582	79864	1.72%	0.181%
30	13.152	1965	1968	1972	rVB	46950	55345	1.20%	0.125%
31	13.225	1975	1980	1985	rVB	534640	631595	13.64%	1.431%
32	13.347	1990	2000	2005	rVV2	1058505	1493540	32.25%	3.383%
33	13.396	2005	2008	2015	rVV	373163	467105	10.09%	1.058%
34	13.481	2017	2022	2027	rVV	1156815	1442361	31.14%	3.267%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6403-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-3-OILY-WATER

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_X\METHOD\82X112918W.M
Title : SW846 8260

35	13.560	2031	2035	2038	rVV	101942	137615	2.97%	0.312%
36	13.603	2038	2042	2045	rVV	176195	249424	5.39%	0.565%
37	13.633	2045	2047	2055	rVV3	51774	107652	2.32%	0.244%
38	13.731	2055	2063	2067	rVV3	95474	185689	4.01%	0.421%
39	13.835	2071	2080	2088	rVV	3604800	4631325	100.00%	10.490%
40	13.926	2088	2095	2098	rVV3	49019	93421	2.02%	0.212%
41	13.981	2098	2104	2109	rVV2	103970	156267	3.37%	0.354%
42	14.133	2124	2129	2130	rBV2	99945	134446	2.90%	0.305%
43	14.158	2130	2133	2135	rVV	119234	145603	3.14%	0.330%
44	14.182	2135	2137	2147	rVB	72029	133643	2.89%	0.303%
45	14.280	2147	2153	2156	rBV	309384	499064	10.78%	1.130%
46	14.316	2156	2159	2163	rVV	125649	182241	3.93%	0.413%
47	14.377	2163	2169	2175	rVV	312933	563291	12.16%	1.276%
48	14.432	2175	2178	2181	rVV	97277	111570	2.41%	0.253%
49	14.578	2198	2202	2210	rVB2	137197	199200	4.30%	0.451%
50	14.658	2211	2215	2217	rBV	49487	62960	1.36%	0.143%
51	14.694	2217	2221	2231	rVB	2302148	2827475	61.05%	6.404%
52	14.841	2239	2245	2250	rBV	2923227	3813501	82.34%	8.638%
53	14.950	2257	2263	2268	rBV3	24764	48476	1.05%	0.110%
54	15.267	2307	2315	2320	rVB2	43469	83866	1.81%	0.190%
55	15.444	2331	2344	2347	rBV	300409	493777	10.66%	1.118%
56	15.475	2347	2349	2354	rVB	123669	148105	3.20%	0.335%
57	15.548	2355	2361	2365	rBV	349253	540472	11.67%	1.224%
58	15.688	2374	2384	2387	rBV	673354	1076541	23.24%	2.438%
59	15.725	2387	2390	2396	rVB	302100	446261	9.64%	1.011%
60	15.889	2411	2417	2418	rBV	139924	195539	4.22%	0.443%
61	15.914	2418	2421	2433	rVB2	183191	363307	7.84%	0.823%
62	16.066	2440	2446	2456	rBV	149995	266861	5.76%	0.604%
63	16.170	2458	2463	2470	rBV4	32468	58538	1.26%	0.133%
64	16.413	2489	2503	2513	rBV	509396	1021892	22.06%	2.315%
65	16.627	2533	2538	2545	rBV2	20611	65620	1.42%	0.149%

Sum of corrected areas: 44150141

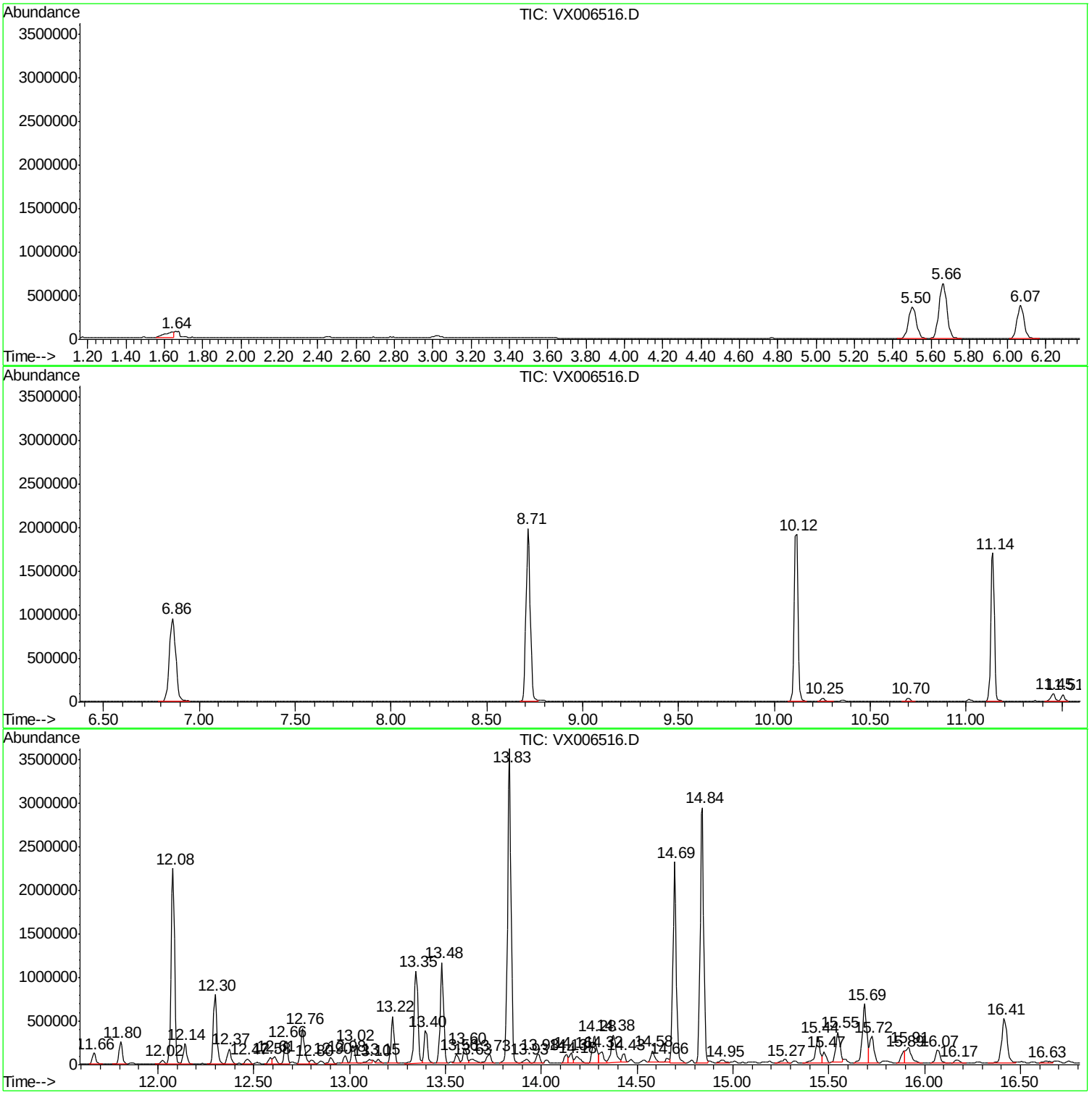
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6403-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-3-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.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_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6403-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-3-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

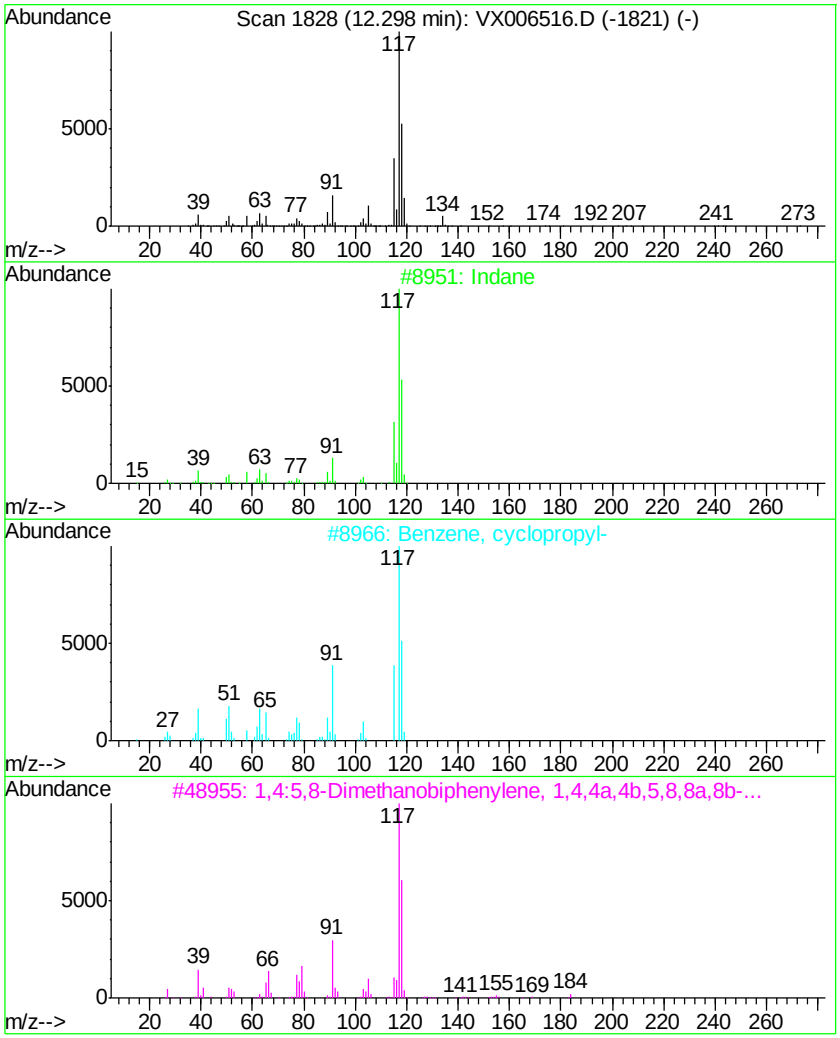
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

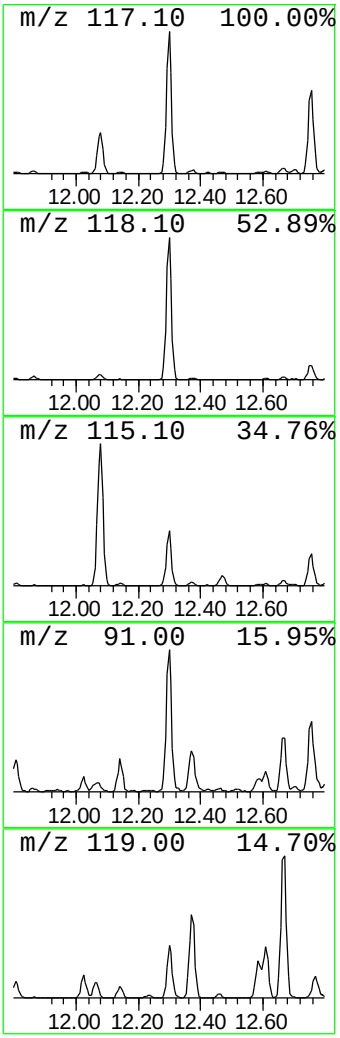
****

Peak Number 1 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	17.69 ug/l	985097	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	72
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6403-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-3-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

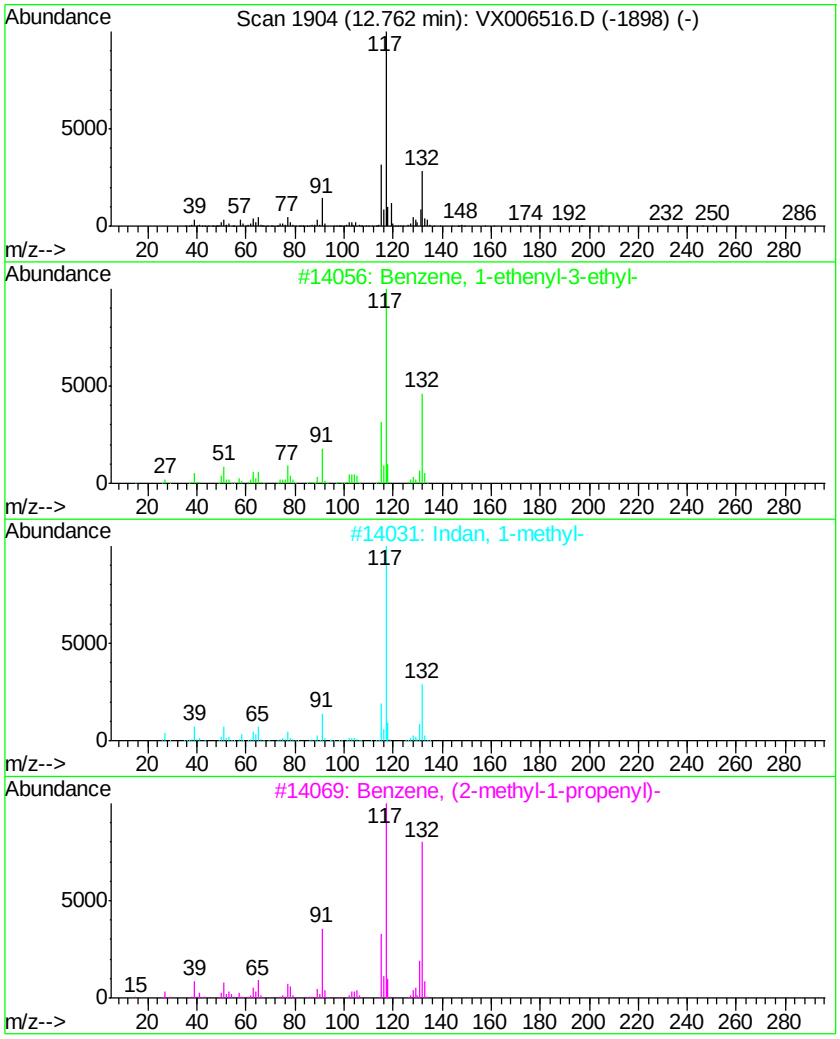
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

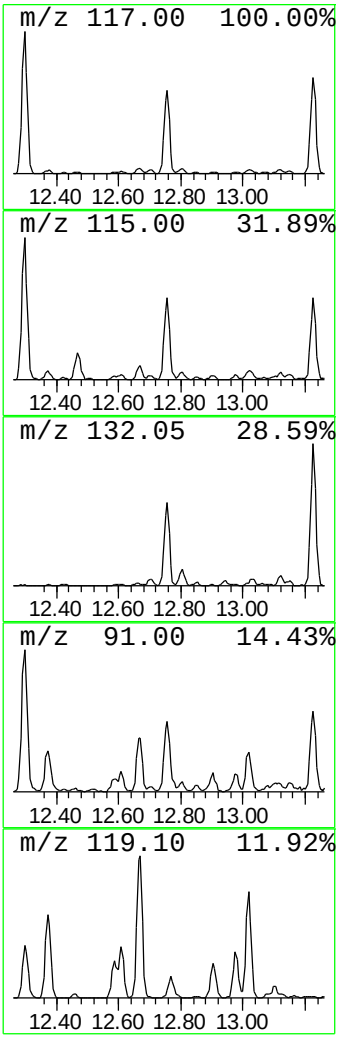
****

Peak Number 2 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	9.89 ug/l	550839	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6403-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-3-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

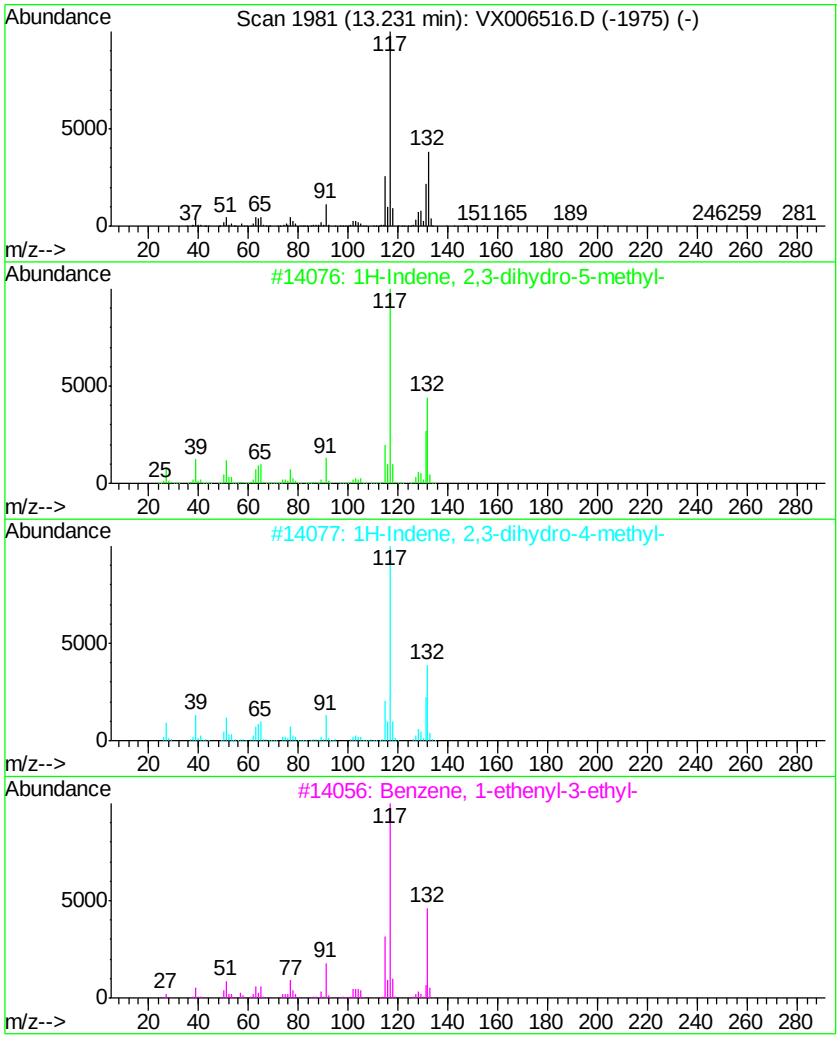
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

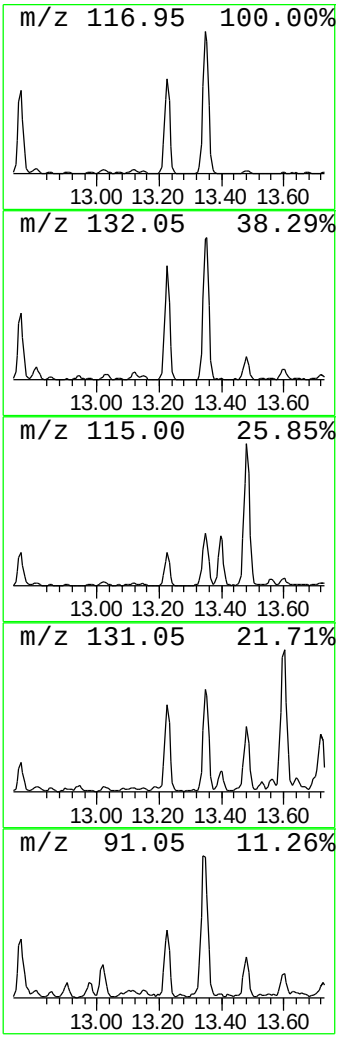
****

Peak Number 3 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	11.34 ug/l	631595	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6403-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-3-OILY-WATER

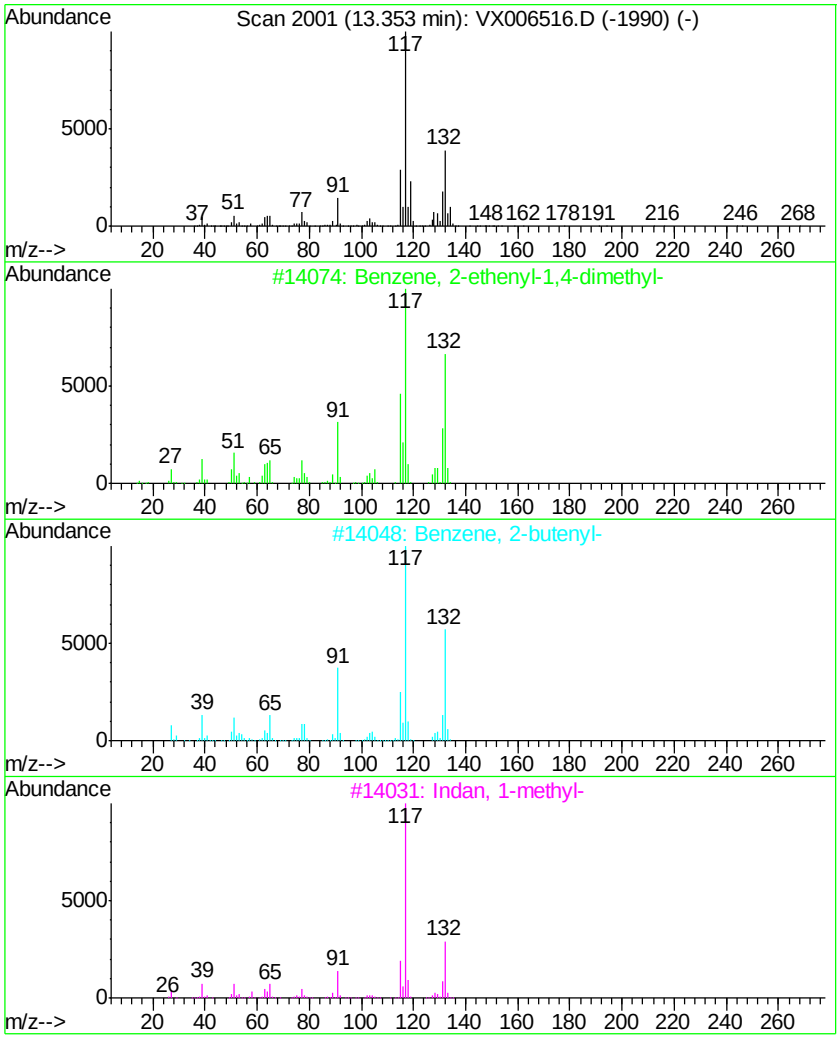
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

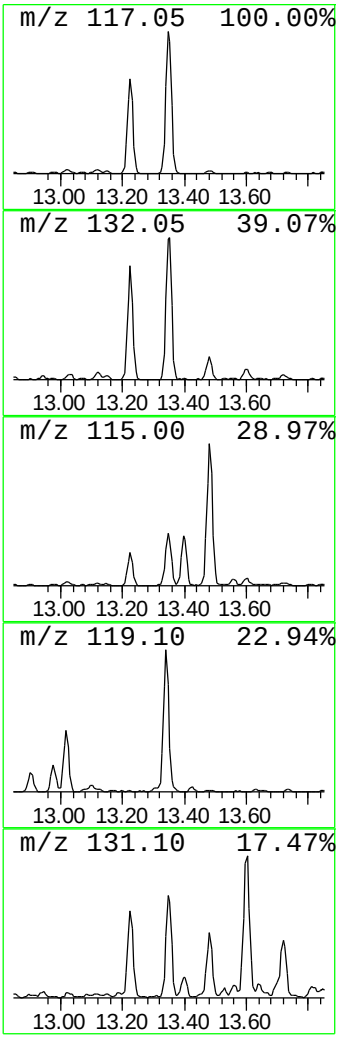
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	26.82 ug/l	1493540	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3	Indan, 1-methyl-	132	C10H12	000767-58-8	70
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6403-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-3-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

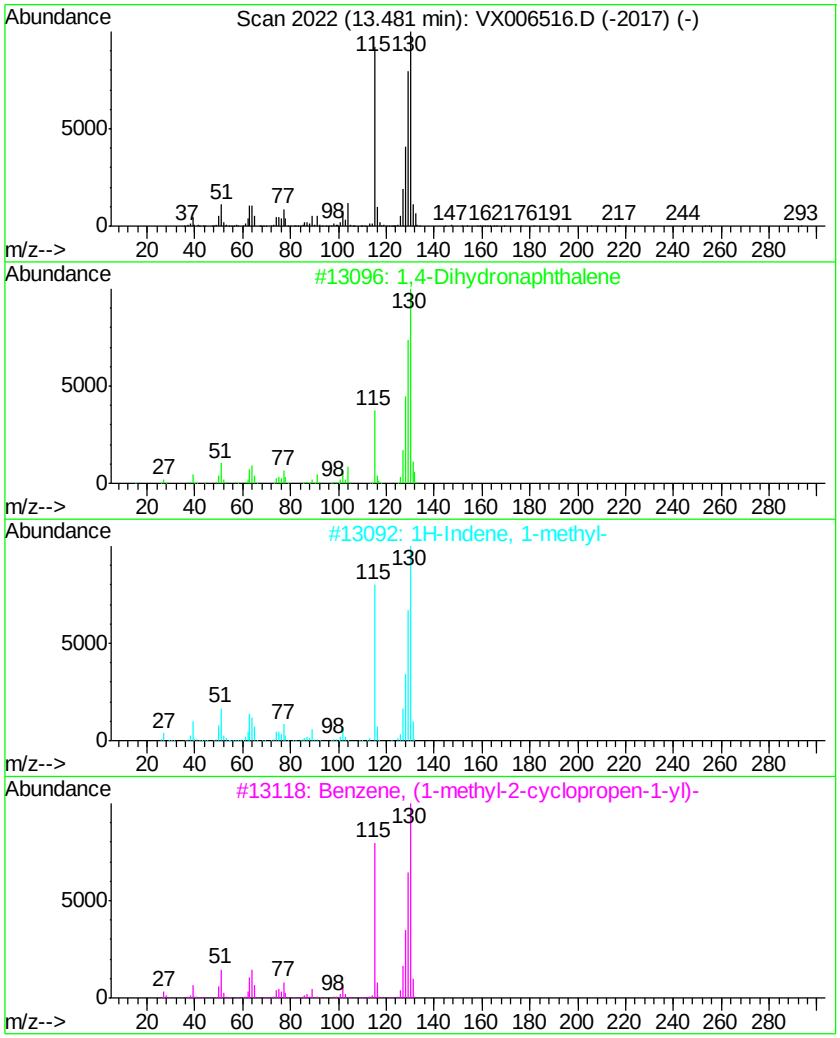
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

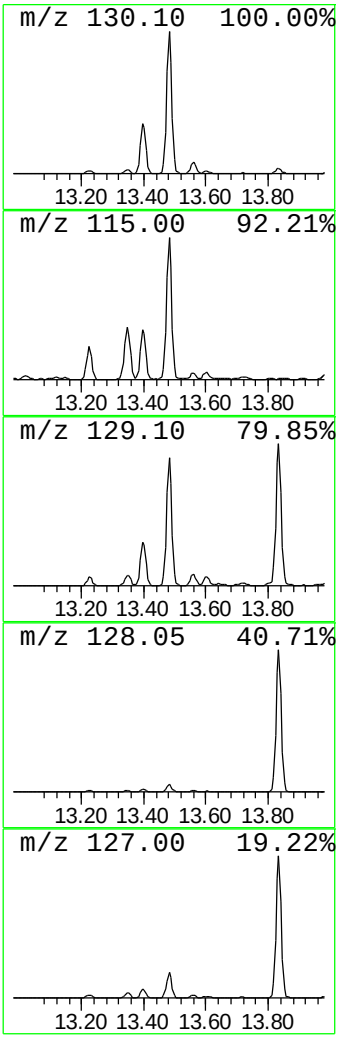
****

Peak Number 5 1,4-Dihydronaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	25.90 ug/l	1442360	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
4	2-Methylindene	130	C10H10	002177-47-1	94
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6403-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-3-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

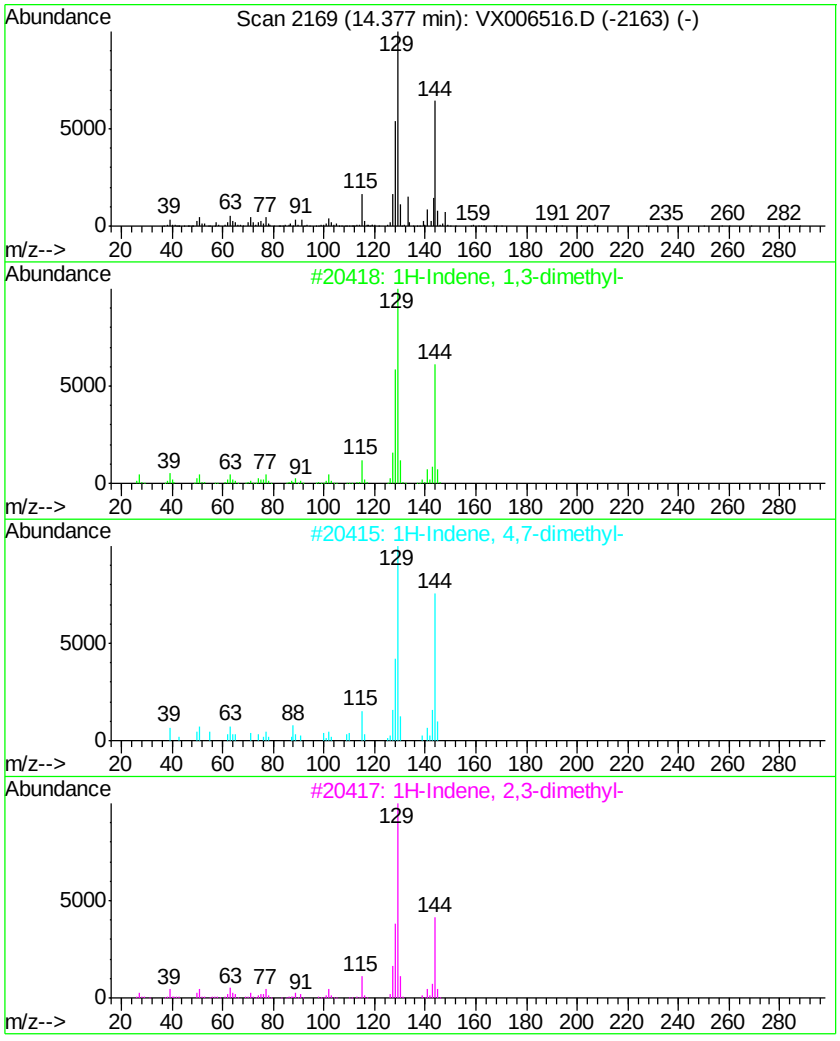
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

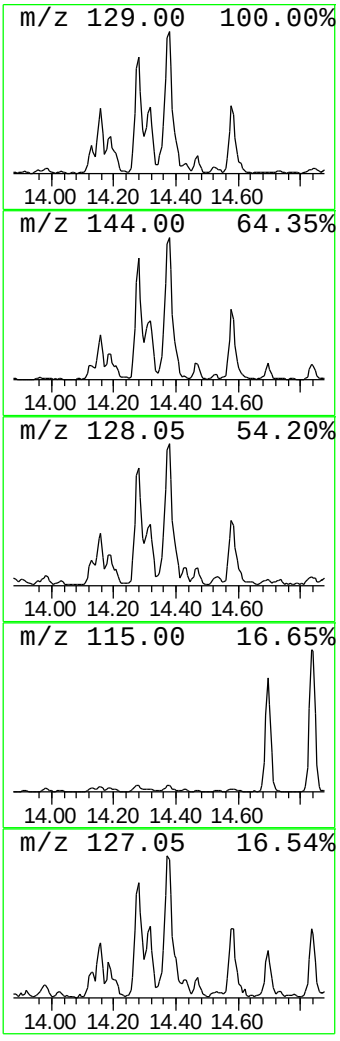
****

Peak Number 6 1H-Indene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	10.11 ug/l	563291	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	95
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	90
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6403-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-3-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

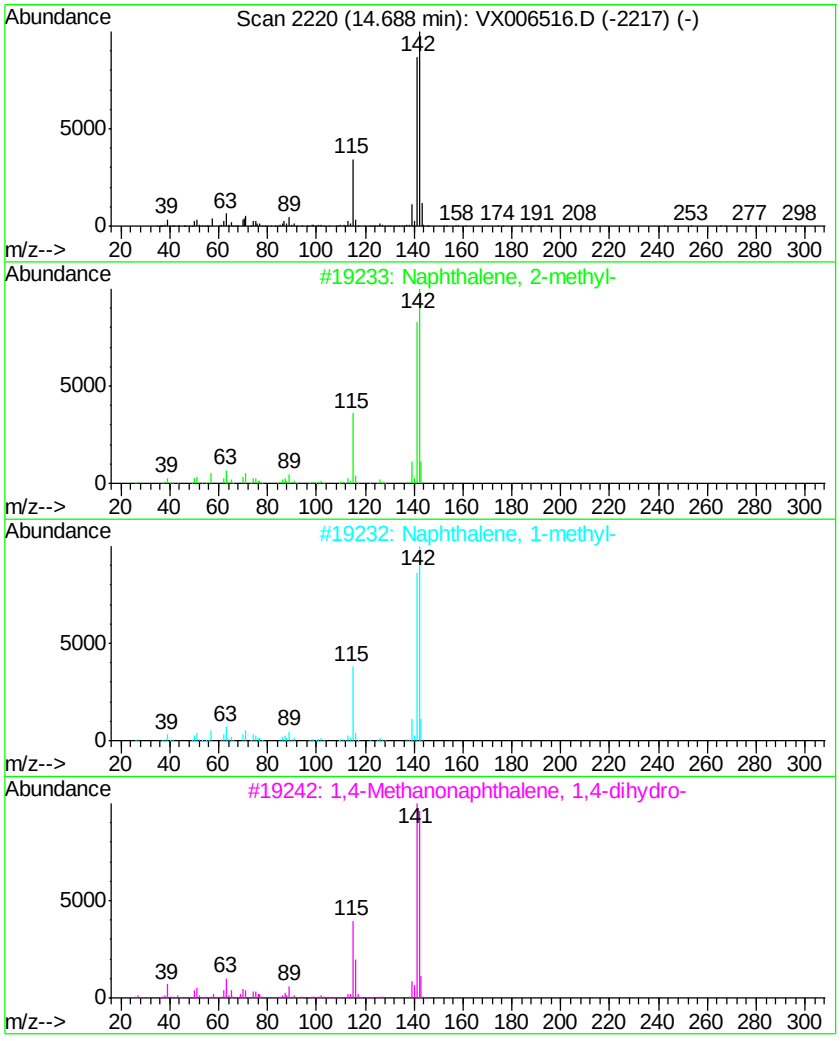
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

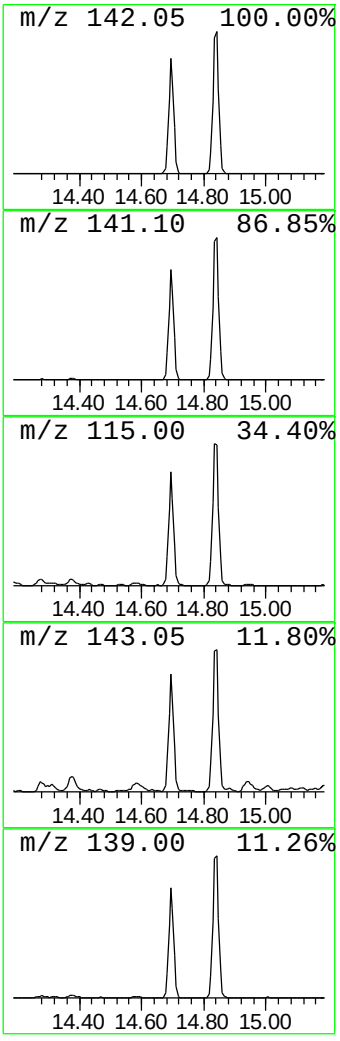
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	50.77 ug/l	2827480	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6403-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-3-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

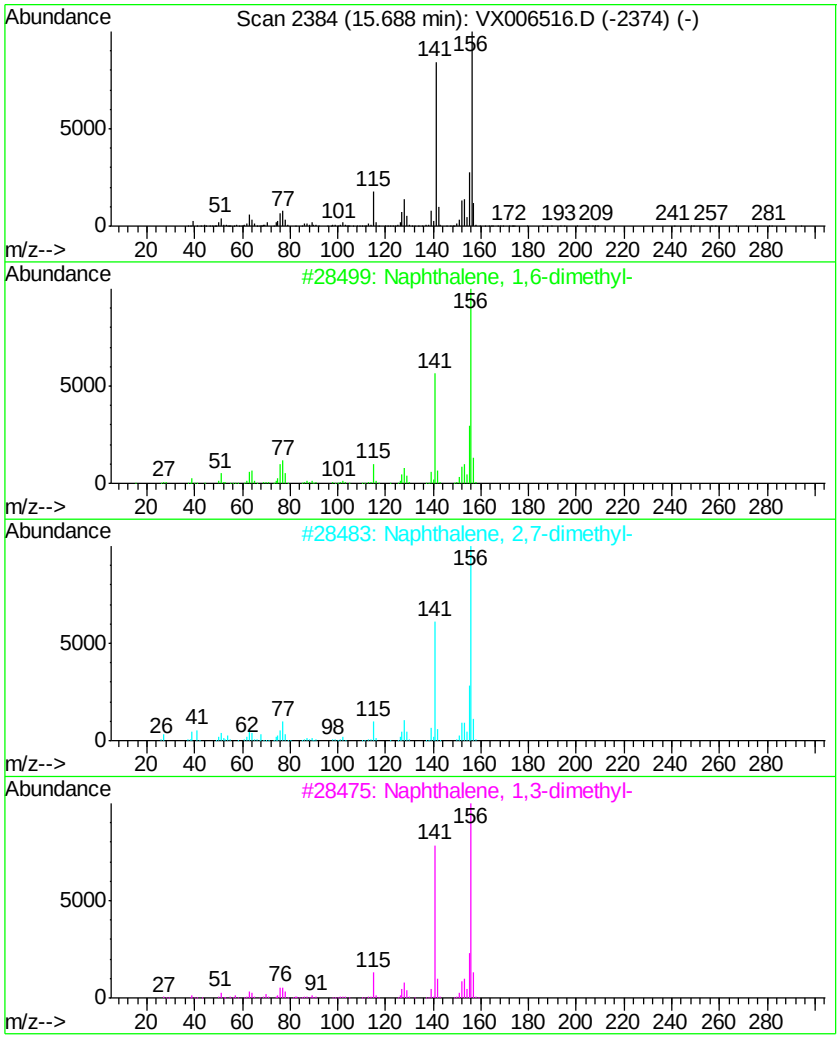
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

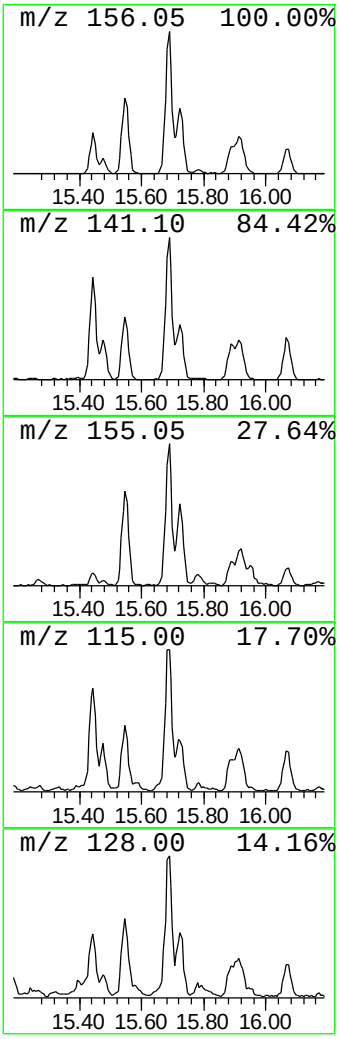
****

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	19.33 ug/l	1076540	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6403-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-3-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260

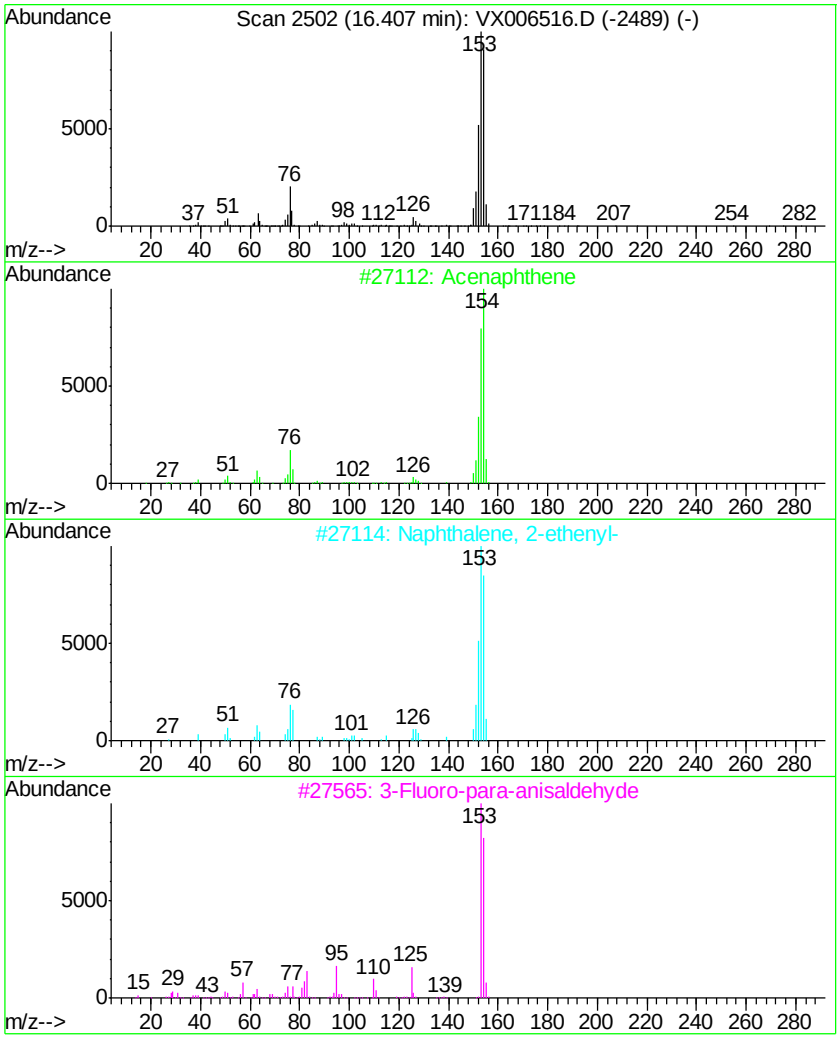
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

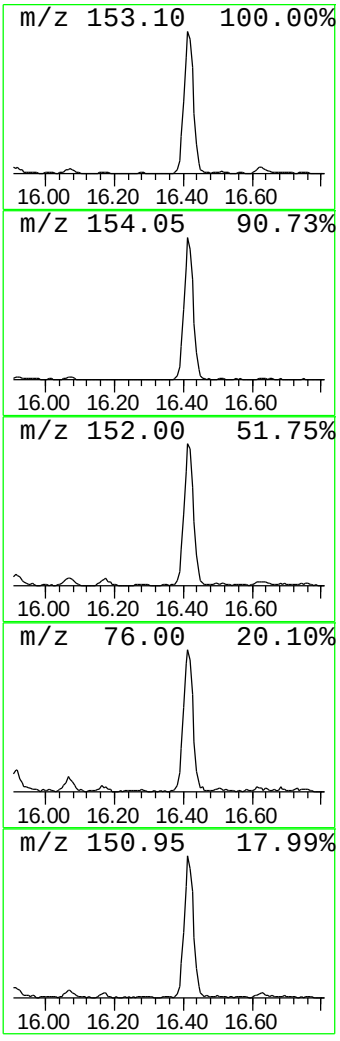
****

Peak Number 10 Acenaphthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	18.35 ug/l	1021890	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	94
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	68
3	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	53
4	3,4,5-Trihydroxybenzaldehyde	154	C7H6O4	013677-79-7	53
5	Biphenyl	154	C12H10	000092-52-4	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006516.D
Acq On : 14 Dec 2018 14:18
Operator : JC/MD
Sample : J6403-65 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-3-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.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
Indane	12.30	17.7	ug/l	985097	4	12.08	2784670	50.0
Benzene, 1-etheny...	12.76	9.9	ug/l	550839	4	12.08	2784670	50.0
1H-Indene, 2,3-di...	13.23	11.3	ug/l	631595	4	12.08	2784670	50.0
Benzene, 2-etheny...	13.35	26.8	ug/l	1493540	4	12.08	2784670	50.0
1,4-Dihydronaphth...	13.48	25.9	ug/l	1442360	4	12.08	2784670	50.0
1H-Indene, 1,3-di...	14.38	10.1	ug/l	563291	4	12.08	2784670	50.0
Naphthalene, 1-me...	14.69	50.8	ug/l	2827480	4	12.08	2784670	50.0
Naphthalene, 1,6-...	15.69	19.3	ug/l	1076540	4	12.08	2784670	50.0
Acenaphthene	16.41	18.4	ug/l	1021890	4	12.08	2784670	50.0