LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
Data File : VX005426.D
Acq On : 18 Oct 2018 13:30
Operator : JC/MD
Sample : J5584-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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\82X101218W.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	1.300	20	24	35	rVB	35659	44192	3.18%	0.382%
2	1.404	36	41	46	rVB	53018	55092	3.96%	0.476%
3	1.489	51	55	64	rBV	44904	54980	3.95%	0.475%
4	1.642	67	80	84	rBV7	14894	43989	3.16%	0.380%
5	1.776	98	102	111	rVB	23502	36027	2.59%	0.311%
6	1.995	134	138	143	rBV	13449	18705	1.35%	0.162%
7	2.355	191	197	204	rBV	10944	21439	1.54%	0.185%
8	2.446	206	212	222	rVV	50960	85646	6.16%	0.741%
9	2.623	235	241	252	rVB	31794	62240	4.48%	0.538%
10	3.422	365	372	380	rVB3	7900	18291	1.32%	0.158%
11	4.348	512	524	538	rBV5	10241	38993	2.80%	0.337%
12	4.708	574	583	590	rBV2	7865	22734	1.63%	0.197%
13	5.501	701	713	729	rBV	162815	483270	34.75%	4.178%
14	5.665	729	740	757	rVB	292162	835599	60.09%	7.225%
15	6.068	795	806	815	rBV	181467	478241	34.39%	4.135%
16	6.141	815	818	829	rVB2	12213	28451	2.05%	0.246%
17	6.860	926	936	956	rBV	431612	1044449	75.10%	9.030%
18	7.458	1027	1034	1043	rVB4	7913	18095	1.30%	0.156%
19	7.665	1062	1068	1076	rBV2	19447	39440	2.84%	0.341%
20	8.713	1233	1240	1248	rBV	851786	1390671	100.00%	12.024%
21	8.787	1248	1252	1268	rVB	47756	90440	6.50%	0.782%
22	9.585	1376	1383	1388	rBV	44354	68129	4.90%	0.589%
23	10.116	1463	1470	1488	rBV	846010	1204802	86.63%	10.417%
24	10.360	1501	1510	1516	rBV	31035	45861	3.30%	0.397%
25	10.701	1561	1566	1570	rBV	12735	17428	1.25%	0.151%
26	10.914	1596	1601	1609	rVB3	14469	21688	1.56%	0.188%
27	11.140	1632	1638	1652	rVB	733209	963772	69.30%	8.333%
28	11.359	1669	1674	1681	rBV2	12851	21180	1.52%	0.183%
29	11.810	1744	1748	1752	rVB	16201	21241	1.53%	0.184%
30	11.981	1773	1776	1780	rBV2	18549	21212	1.53%	0.183%
31	12.079	1786	1792	1800	rBV	997566	1226642	88.21%	10.606%
32	12.274	1820	1824	1825	rBV	15629	17522	1.26%	0.151%
33	12.298	1825	1828	1835	rVB	35285	47546	3.42%	0.411%
34	12.371	1835	1840	1841	rBV2	13039	16982	1.22%	0.147%

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Title : SW846 8260

35	12.670	1881	1889	1892	rBV	45131	61416	4.42%	0.531%
36	12.755	1899	1903	1911	rBV3	38796	64258	4.62%	0.556%
37	12.908	1920	1928	1933	rBV2	81989	106633	7.67%	0.922%
38	12.975	1933	1939	1944	rVB	47221	63418	4.56%	0.548%
39	13.085	1953	1957	1963	rVB3	11608	18645	1.34%	0.161%
40	13.152	1964	1968	1972	rBV2	10382	17251	1.24%	0.149%
41	13.194	1972	1975	1977	rVV2	16402	18349	1.32%	0.159%
42	13.225	1977	1980	1989	rVB2	22801	34485	2.48%	0.298%
43	13.316	1989	1995	1996	rBV2	11089	16585	1.19%	0.143%
44	13.347	1996	2000	2006	rVB2	102630	146717	10.55%	1.269%
45	13.481	2016	2022	2028	rVB	49370	64790	4.66%	0.560%
46	13.560	2032	2035	2038	rBV	14236	20192	1.45%	0.175%
47	13.603	2038	2042	2044	rVV	30752	44362	3.19%	0.384%
48	13.639	2044	2048	2052	rVV2	50762	82873	5.96%	0.717%
49	13.700	2052	2058	2059	rVV2	36796	72567	5.22%	0.627%
50	13.725	2059	2062	2069	rVV2	52994	94510	6.80%	0.817%
51	13.804	2072	2075	2077	rVV	15220	20242	1.46%	0.175%
52	13.835	2077	2080	2088	rVB	55838	76797	5.52%	0.664%
53	13.914	2088	2093	2097	rVB	40472	55340	3.98%	0.478%
54	13.981	2097	2104	2109	rBV2	53723	84209	6.06%	0.728%
55	14.030	2109	2112	2115	rVV3	18766	22701	1.63%	0.196%
56	14.133	2124	2129	2132	rBV	36361	47750	3.43%	0.413%
57	14.286	2147	2154	2162	rVB3	58858	128922	9.27%	1.115%
58	14.377	2165	2169	2173	rVV	35546	42088	3.03%	0.364%
59	14.432	2174	2178	2183	rVB	46386	58038	4.17%	0.502%
60	14.475	2183	2185	2190	rVB	13099	14646	1.05%	0.127%
61	14.542	2191	2196	2200	rBV2	70265	98756	7.10%	0.854%
62	14.694	2213	2221	2225	rBV2	139934	230897	16.60%	1.996%
63	14.731	2225	2227	2231	rVB	30303	33940	2.44%	0.293%
64	14.786	2231	2236	2240	rBV3	21687	36062	2.59%	0.312%
65	14.840	2240	2245	2249	rVV	174667	227613	16.37%	1.968%
66	14.877	2249	2251	2254	rVV2	20799	26096	1.88%	0.226%
67	14.908	2254	2256	2260	rVB3	17701	18674	1.34%	0.161%
68	14.968	2262	2266	2271	rVB4	10898	19710	1.42%	0.170%
69	15.115	2288	2290	2298	rVB5	8510	14415	1.04%	0.125%
70	15.249	2307	2312	2315	rBV2	41631	62171	4.47%	0.538%
71	15.444	2340	2344	2347	rBV	27210	40610	2.92%	0.351%

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Instrument : MSVOA_X
ClientSampleId : MW-2

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Title : SW846 8260

72	15.474	2347	2349	2353	rVB	16045	20551	1.48%	0.178%
73	15.548	2356	2361	2366	rBV	88791	144097	10.36%	1.246%
74	15.688	2378	2384	2387	rBV	121271	191790	13.79%	1.658%
75	15.724	2387	2390	2398	rVB	74947	121218	8.72%	1.048%
76	15.920	2412	2422	2429	rBV2	33354	92876	6.68%	0.803%
77	16.066	2442	2446	2456	rVB	21875	46243	3.33%	0.400%
78	16.169	2458	2463	2470	rVV10	10287	20552	1.48%	0.178%
79	16.694	2545	2549	2554	rVB	11707	19039	1.37%	0.165%
80	16.755	2554	2559	2564	rBV3	9898	17787	1.28%	0.154%

Sum of corrected areas: 11565870

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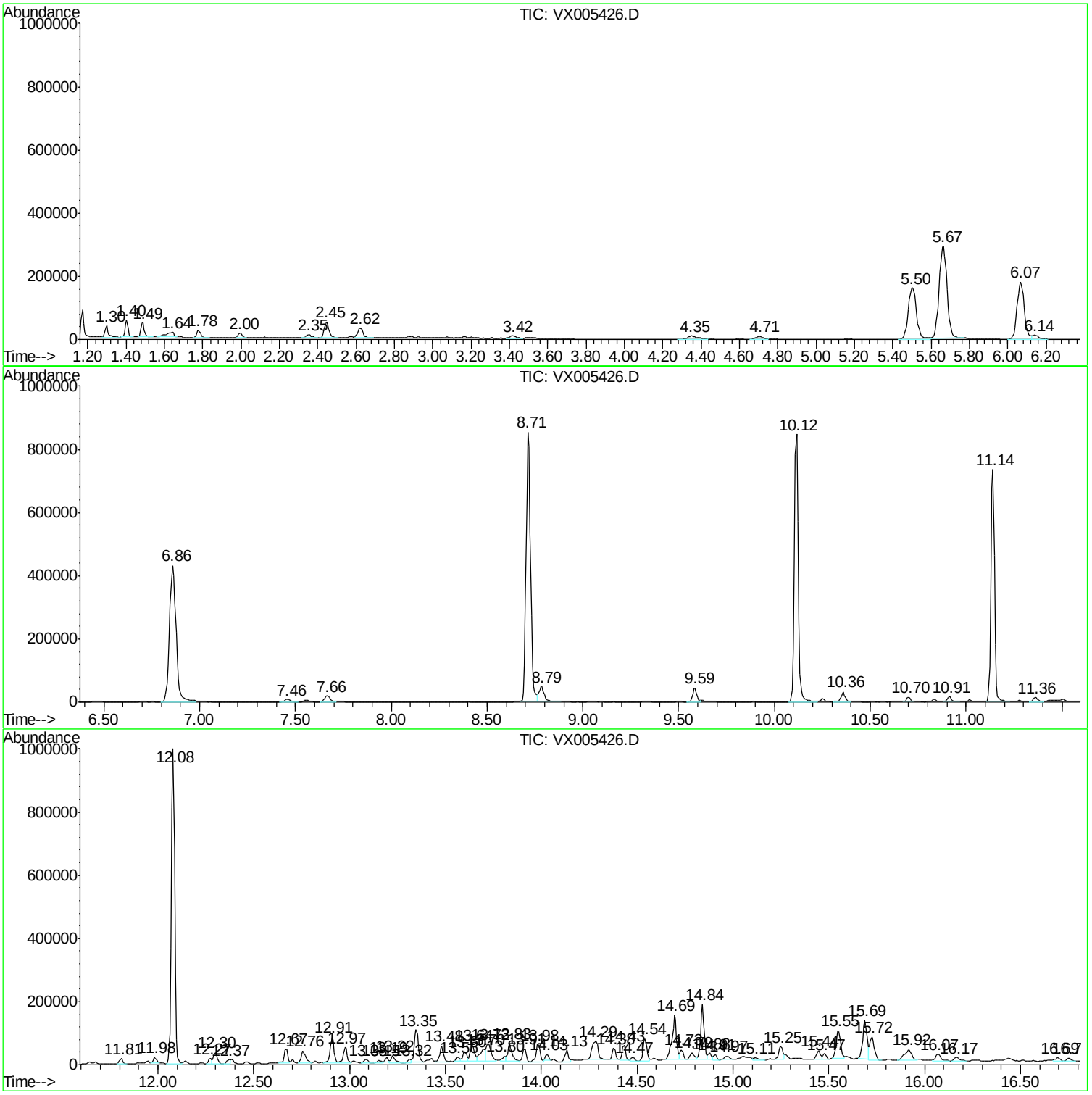
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101818\
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Acq On : 18 Oct 2018 13:30
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Instrument : MSVOA_X
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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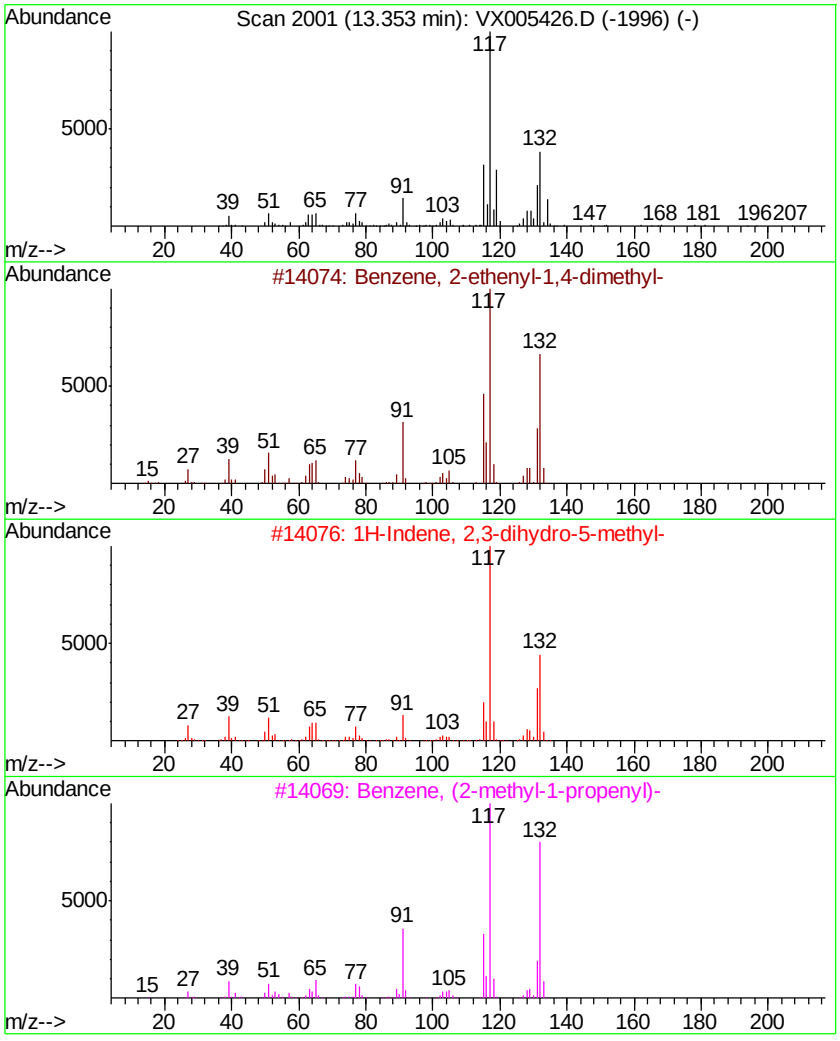
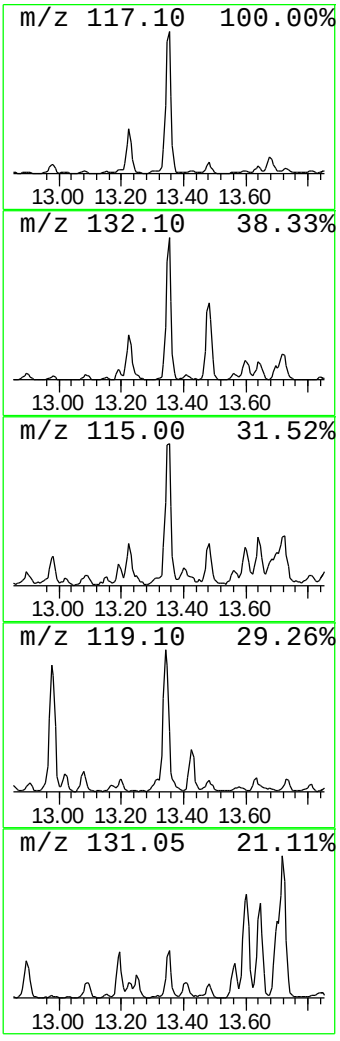
Peak Number 1 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	5.98 ug/l	146717	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	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	60
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	55
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	55





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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260

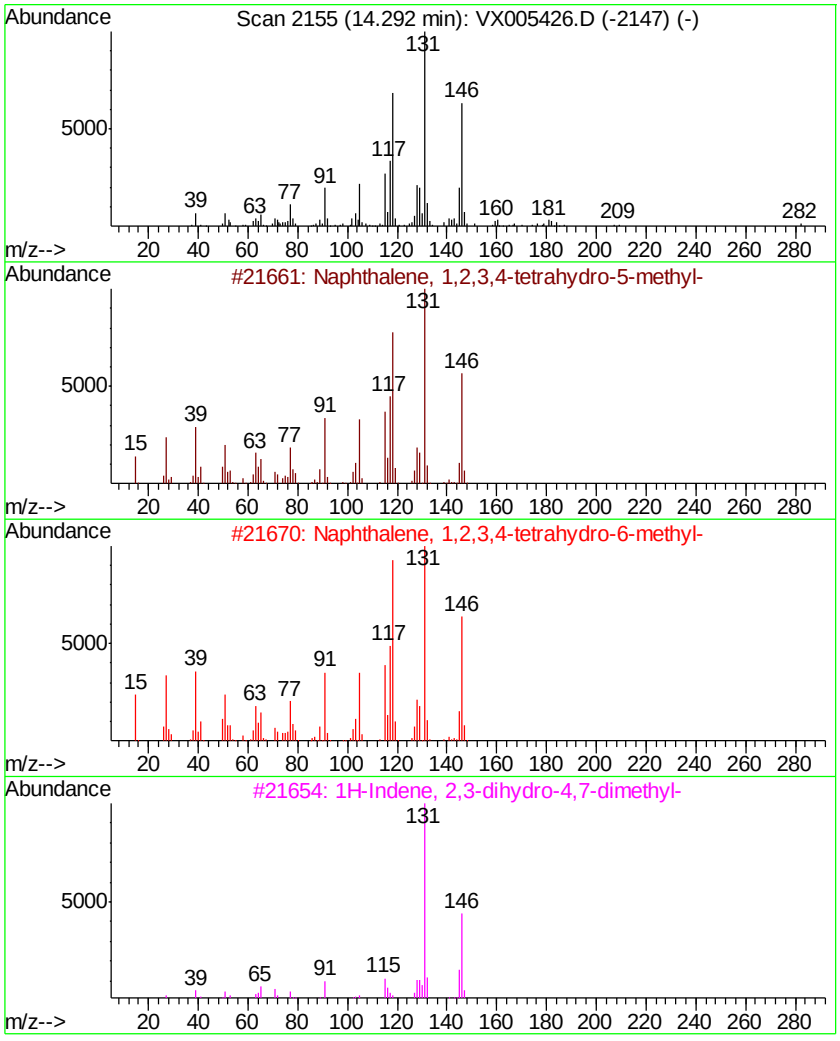
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

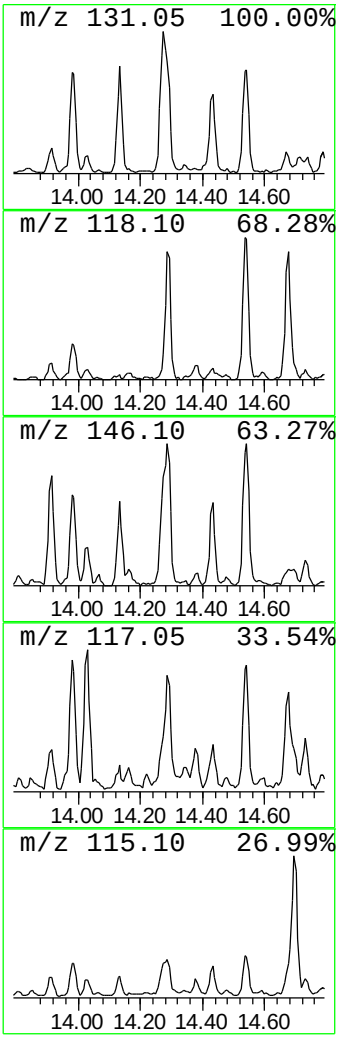
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	5.26 ug/l	128922	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76





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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260

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

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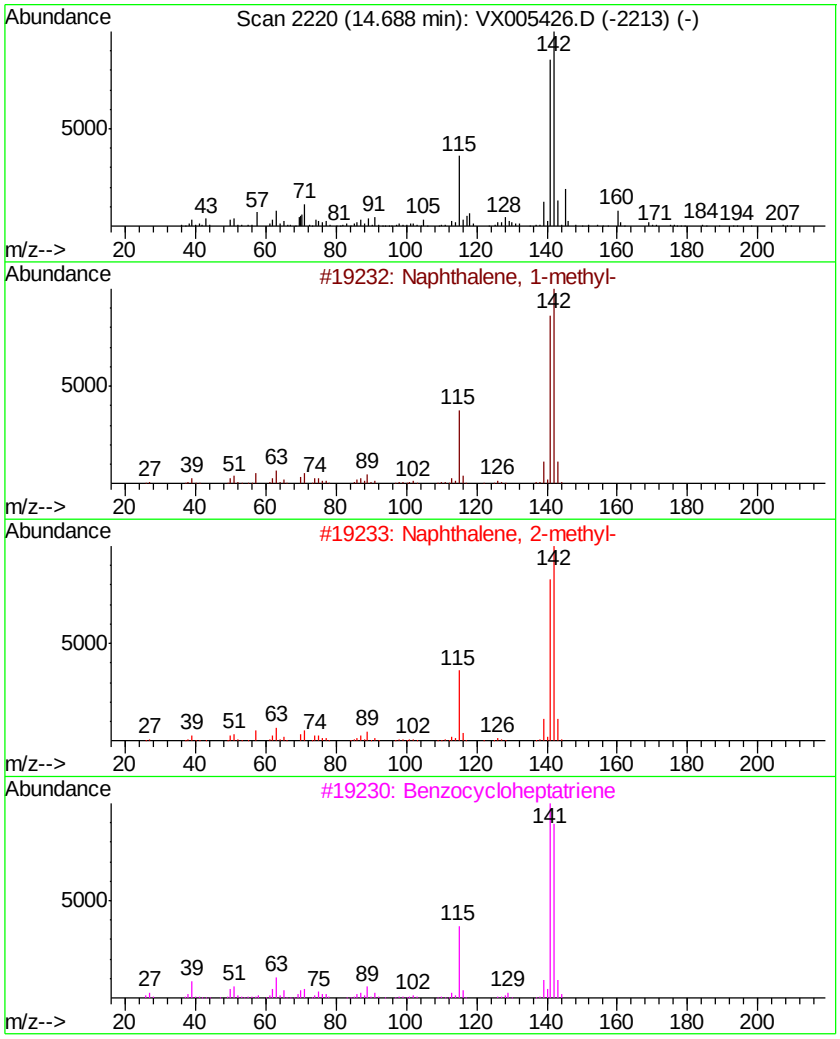
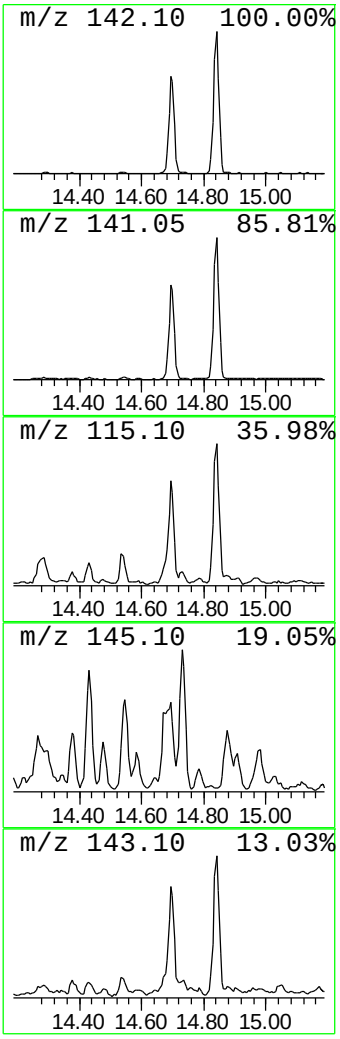
Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	9.41 ug/l	230897	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	90
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	1-Naphthaleneacetamide	185	C12H11NO	000086-86-2	53





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Instrument : MSVOA_X
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260

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

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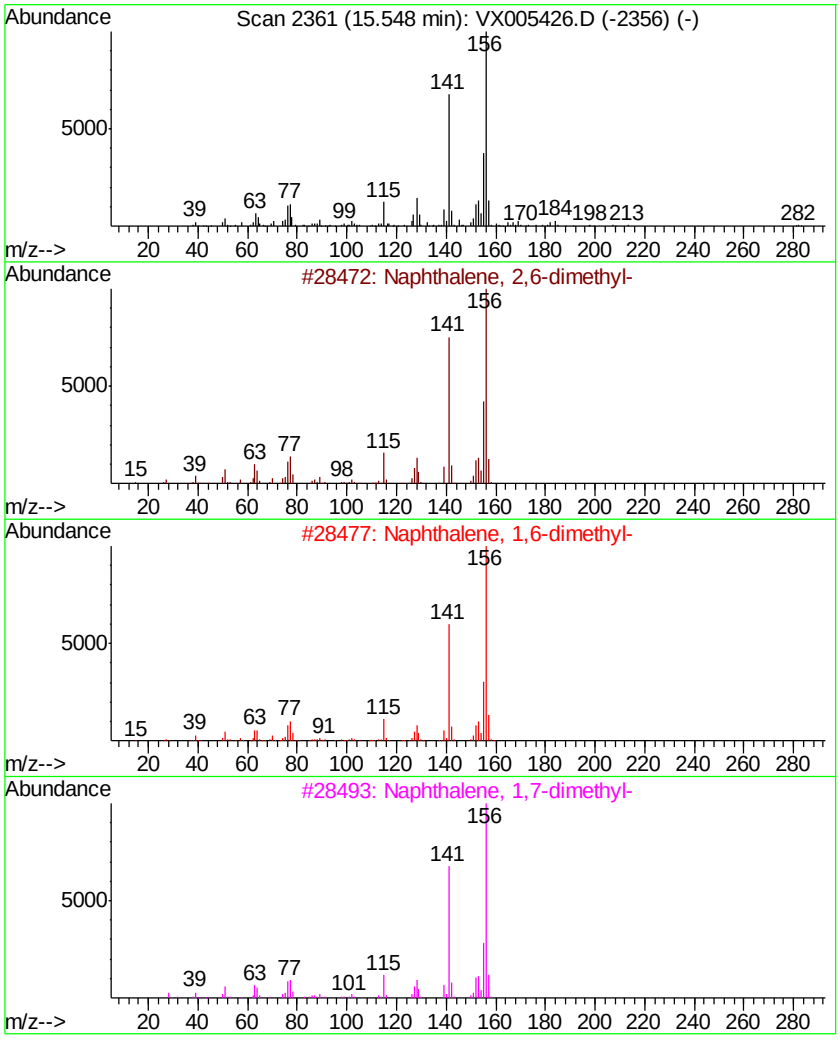
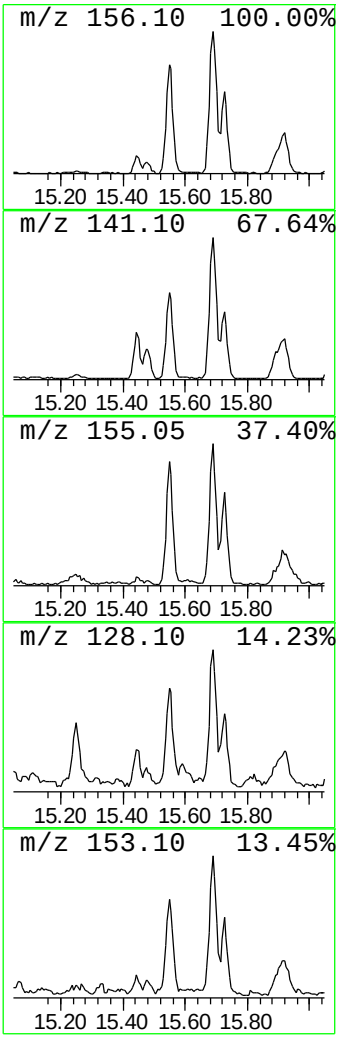
Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	5.87 ug/l	144097	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Tentatively Identified Compound (LSC) summary

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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...	13.35	6.0	ug/l	146717	4	12.08	1226640	50.0
Naphthalene, 1,2,...	14.29	5.3	ug/l	128922	4	12.08	1226640	50.0
Naphthalene, 1-me...	14.69	9.4	ug/l	230897	4	12.08	1226640	50.0
Naphthalene, 2,6-...	15.55	5.9	ug/l	144097	4	12.08	1226640	50.0