LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
Data File : VX006090.D
Acq On : 19 Nov 2018 14:47
Operator : JC/MD
Sample : J5975-01
Misc : 5.03g/10mL/100uL/5.00ml/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VB44949

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\82X110718W.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	1.483	51	54	62	rVB	14668	19381	1.25%	0.075%
2	1.666	65	84	87	rBV3	14042	56656	3.67%	0.220%
3	5.500	700	713	728	rBV	70993	206554	13.37%	0.803%
4	5.659	728	739	754	rVV	128757	365840	23.69%	1.422%
5	6.067	795	806	826	rBV	81044	210103	13.60%	0.817%
6	6.854	926	935	951	rBV	183290	444909	28.81%	1.730%
7	8.713	1234	1240	1247	rBV	337244	538479	34.87%	2.094%
8	8.780	1247	1251	1257	rVB	24295	39265	2.54%	0.153%
9	10.116	1465	1470	1478	rBV	352088	479936	31.07%	1.866%
10	10.250	1486	1492	1497	rBV	19804	31069	2.01%	0.121%
11	10.359	1501	1510	1515	rVV	83441	126710	8.20%	0.493%
12	10.414	1515	1519	1529	rVB	17148	25307	1.64%	0.098%
13	10.701	1561	1566	1575	rVB	73366	101616	6.58%	0.395%
14	10.914	1596	1601	1605	rBV3	12493	19381	1.25%	0.075%
15	11.018	1611	1618	1622	rBV	16850	25771	1.67%	0.100%
16	11.140	1632	1638	1649	rBV	336199	442213	28.63%	1.719%
17	11.359	1667	1674	1679	rBV	48899	67274	4.36%	0.262%
18	11.432	1681	1686	1693	rVV	238519	452622	29.31%	1.760%
19	11.506	1693	1698	1707	rVB2	155773	275603	17.84%	1.071%
20	11.670	1720	1725	1732	rVB	189718	255612	16.55%	0.994%
21	11.768	1738	1741	1744	rBV2	29847	40049	2.59%	0.156%
22	11.810	1744	1748	1756	rVV	453659	576085	37.30%	2.240%
23	11.944	1763	1770	1774	rVV2	62390	113863	7.37%	0.443%
24	11.999	1775	1779	1781	rVV	31504	46574	3.02%	0.181%
25	12.024	1781	1783	1787	rVV	92483	108075	7.00%	0.420%
26	12.079	1787	1792	1797	rVB2	437127	583692	37.79%	2.269%
27	12.146	1797	1803	1808	rBV	251322	322850	20.90%	1.255%
28	12.231	1814	1817	1823	rVB3	22944	39885	2.58%	0.155%
29	12.304	1823	1829	1830	rBV	277236	356071	23.05%	1.384%
30	12.322	1830	1832	1836	rVB	280994	320181	20.73%	1.245%
31	12.371	1836	1840	1847	rVB3	404017	635468	41.14%	2.471%
32	12.475	1850	1857	1860	rBV2	99326	167912	10.87%	0.653%
33	12.518	1860	1864	1870	rVB	202085	258421	16.73%	1.005%
34	12.591	1870	1876	1877	rBV	193094	246591	15.97%	0.959%

LSC Area Percent Report

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Sample : J5975-01
Misc : 5.03g/10mL/100uL/5.00ml/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VB44949

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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Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Title : SW846 8260

35	12.609	1877	1879	1884	rVB	191749	210699	13.64%	0.819%
36	12.670	1884	1889	1892	rBV	326599	360858	23.36%	1.403%
37	12.700	1892	1894	1898	rVB	85654	93215	6.04%	0.362%
38	12.755	1898	1903	1906	rBV	233486	359657	23.29%	1.398%
39	12.853	1915	1919	1921	rBV2	62687	76300	4.94%	0.297%
40	12.877	1921	1923	1925	rVV	40310	48887	3.17%	0.190%
41	12.902	1925	1927	1931	rVB2	118018	134547	8.71%	0.523%
42	12.981	1931	1940	1943	rBV	186098	320085	20.72%	1.244%
43	13.017	1943	1946	1953	rVB	284667	373343	24.17%	1.451%
44	13.078	1953	1956	1958	rBV	108523	145010	9.39%	0.564%
45	13.127	1962	1964	1966	rVB	67764	56941	3.69%	0.221%
46	13.225	1972	1980	1984	rVB4	366913	610562	39.53%	2.374%
47	13.267	1984	1987	1990	rBV2	148723	167609	10.85%	0.652%
48	13.310	1990	1994	1997	rVV3	142426	234299	15.17%	0.911%
49	13.353	1997	2001	2005	rVV2	827679	1164115	75.37%	4.526%
50	13.389	2005	2007	2010	rVB	68545	66674	4.32%	0.259%
51	13.426	2010	2013	2017	rBV	77446	91391	5.92%	0.355%
52	13.481	2017	2022	2030	rVB	699581	945206	61.20%	3.675%
53	13.560	2031	2035	2038	rBV2	123148	167075	10.82%	0.650%
54	13.603	2038	2042	2045	rVV	168297	226665	14.68%	0.881%
55	13.639	2045	2048	2053	rVV3	241747	419113	27.14%	1.629%
56	13.694	2053	2057	2059	rVV4	97065	185336	12.00%	0.721%
57	13.725	2059	2062	2067	rVB2	218556	316820	20.51%	1.232%
58	13.773	2067	2070	2074	rBV3	23893	40504	2.62%	0.157%
59	13.834	2077	2080	2086	rVB2	77596	127560	8.26%	0.496%
60	13.914	2086	2093	2098	rVB	423078	661260	42.81%	2.571%
61	13.987	2098	2105	2109	rBV3	409582	696503	45.10%	2.708%
62	14.029	2109	2112	2115	rVB	107395	109701	7.10%	0.426%
63	14.060	2115	2117	2119	rBV	53586	57861	3.75%	0.225%
64	14.090	2119	2122	2125	rVB3	98546	121414	7.86%	0.472%
65	14.133	2125	2129	2133	rBV2	296492	361699	23.42%	1.406%
66	14.164	2133	2134	2138	rVB2	32902	28403	1.84%	0.110%
67	14.218	2140	2143	2147	rVB	57097	60856	3.94%	0.237%
68	14.285	2147	2154	2161	rBV	913893	1544467	100.00%	6.005%
69	14.346	2161	2164	2166	rVB2	19967	20421	1.32%	0.079%
70	14.377	2166	2169	2174	rBV3	135535	180585	11.69%	0.702%
71	14.432	2174	2178	2182	rBV	294834	344008	22.27%	1.337%

LSC Area Percent Report

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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VB44949

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
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Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Title : SW846 8260

72	14.481	2182	2186	2191	rVB4	74750	127305	8.24%	0.495%
73	14.542	2191	2196	2202	rBV2	618882	873315	56.54%	3.395%
74	14.615	2204	2208	2209	rBV2	25825	31047	2.01%	0.121%
75	14.676	2214	2218	2219	rBV	460718	540153	34.97%	2.100%
76	14.694	2219	2221	2225	rVV	524020	642652	41.61%	2.499%
77	14.731	2225	2227	2232	rVB2	250884	291894	18.90%	1.135%
78	14.785	2232	2236	2238	rBV2	106850	134188	8.69%	0.522%
79	14.810	2238	2240	2242	rVV2	59490	67310	4.36%	0.262%
80	14.840	2242	2245	2248	rVV	229323	287745	18.63%	1.119%
81	14.877	2248	2251	2254	rVV2	141501	200530	12.98%	0.780%
82	14.907	2254	2256	2261	rVB3	143978	154591	10.01%	0.601%
83	14.962	2261	2265	2272	rBV2	134749	237256	15.36%	0.922%
84	15.115	2283	2290	2294	rBV3	79794	158029	10.23%	0.614%
85	15.249	2307	2312	2315	rBV	278160	440309	28.51%	1.712%
86	15.322	2320	2324	2331	rVB6	72882	177662	11.50%	0.691%
87	15.389	2331	2335	2339	rVB4	30285	49999	3.24%	0.194%
88	15.444	2339	2344	2348	rBV	142514	222621	14.41%	0.866%
89	15.554	2356	2362	2366	rBV2	287417	467774	30.29%	1.819%
90	15.602	2367	2370	2374	rVV3	45317	82576	5.35%	0.321%
91	15.639	2374	2376	2379	rVV2	35699	50517	3.27%	0.196%
92	15.688	2379	2384	2388	rVV	287417	478625	30.99%	1.861%
93	15.724	2388	2390	2398	rVB2	175238	265216	17.17%	1.031%
94	15.919	2418	2422	2427	rVB2	58745	90855	5.88%	0.353%
95	16.072	2443	2447	2450	rBV	37087	63142	4.09%	0.245%
96	16.169	2458	2463	2470	rBV	84158	152424	9.87%	0.593%
97	16.279	2479	2481	2488	rVB2	34329	50433	3.27%	0.196%
98	16.444	2503	2508	2516	rVB2	47451	108180	7.00%	0.421%
99	16.688	2545	2548	2554	rVB	42607	71207	4.61%	0.277%
100	16.755	2554	2559	2564	rBV	41412	74091	4.80%	0.288%

Sum of corrected areas: 25721313

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
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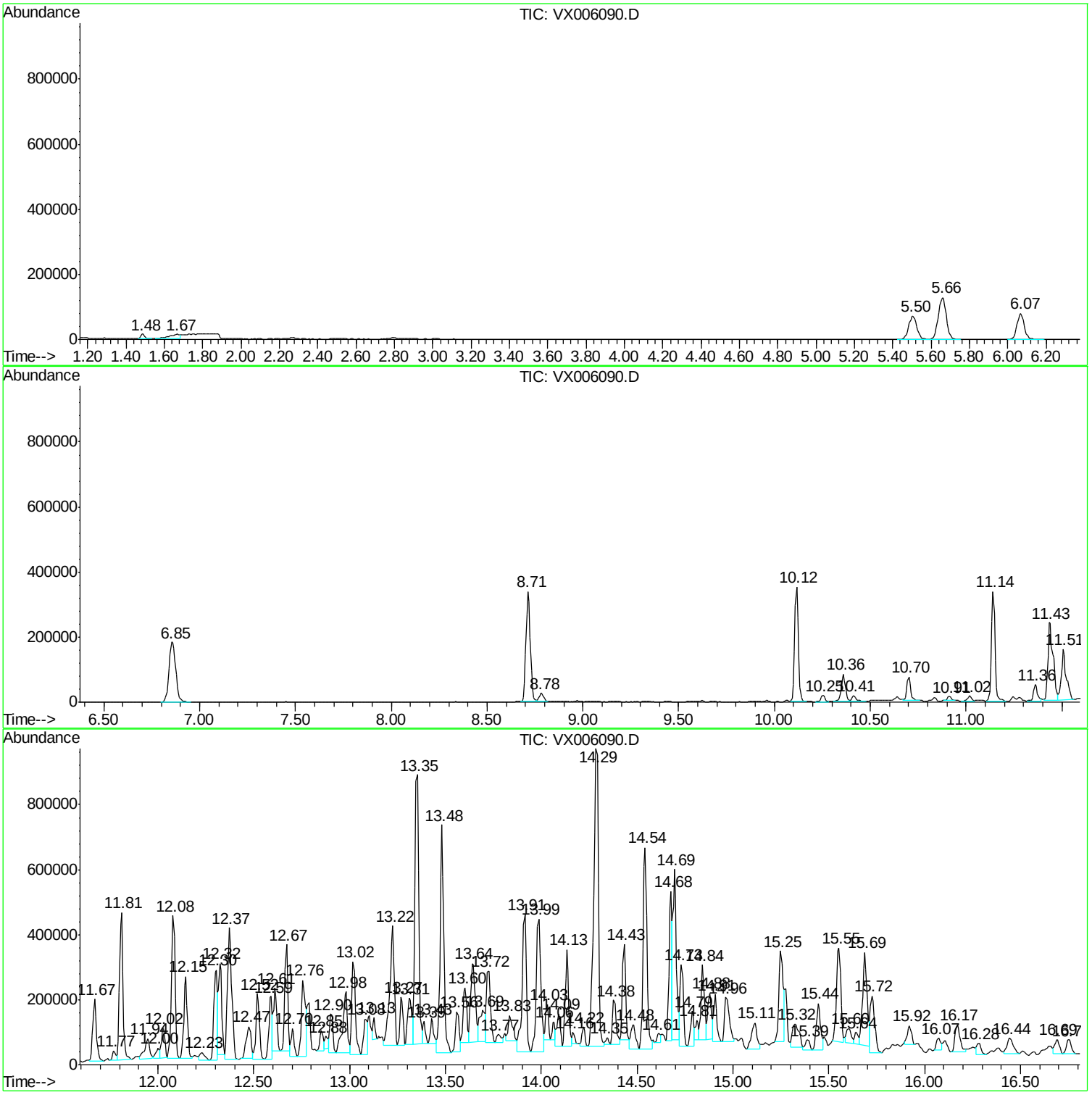
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VB44949

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.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\VX111918\
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Operator : JC/MD
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Instrument : MSVOA_X
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260

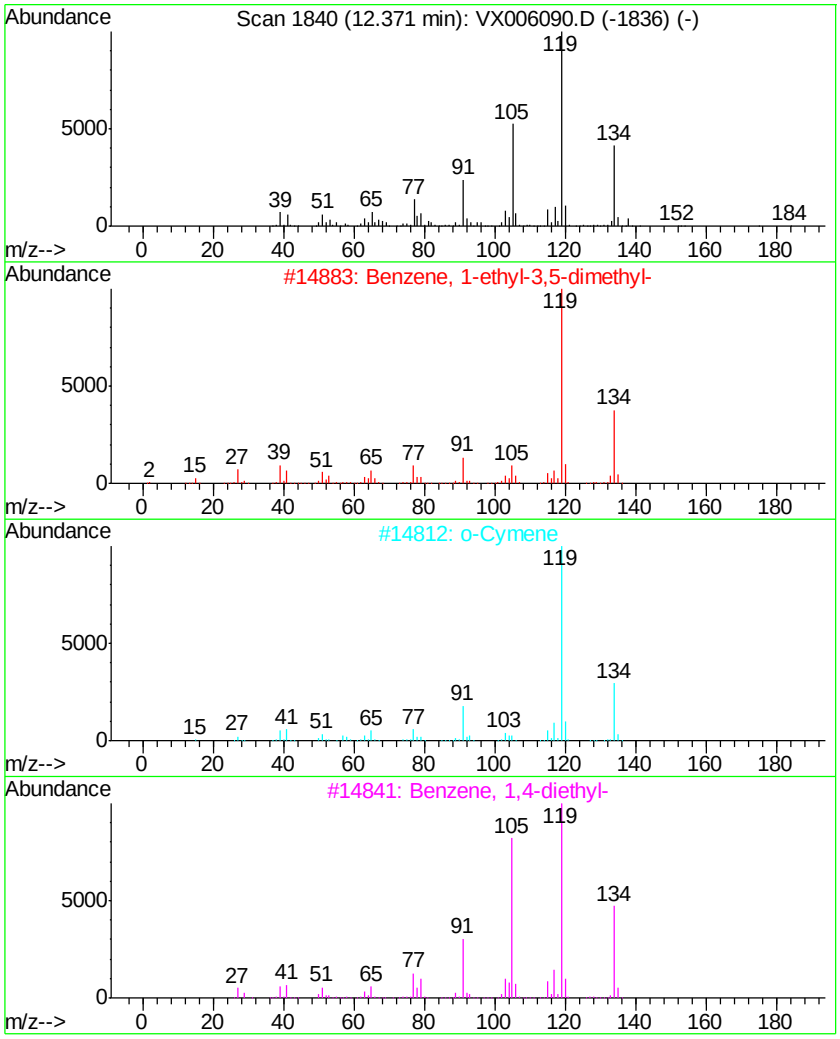
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

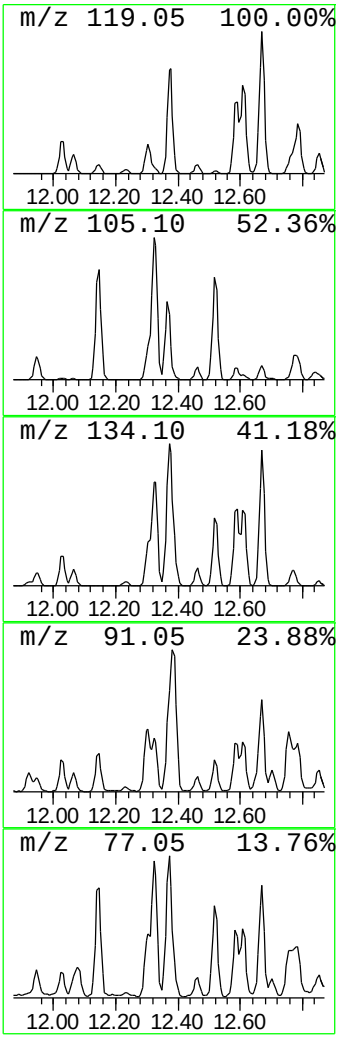
****

Peak Number 1 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	54.44 ug/l	635468	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Library Search Compound Report

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Misc : 5.03g/10mL/100uL/5.00ml/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VB44949

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260

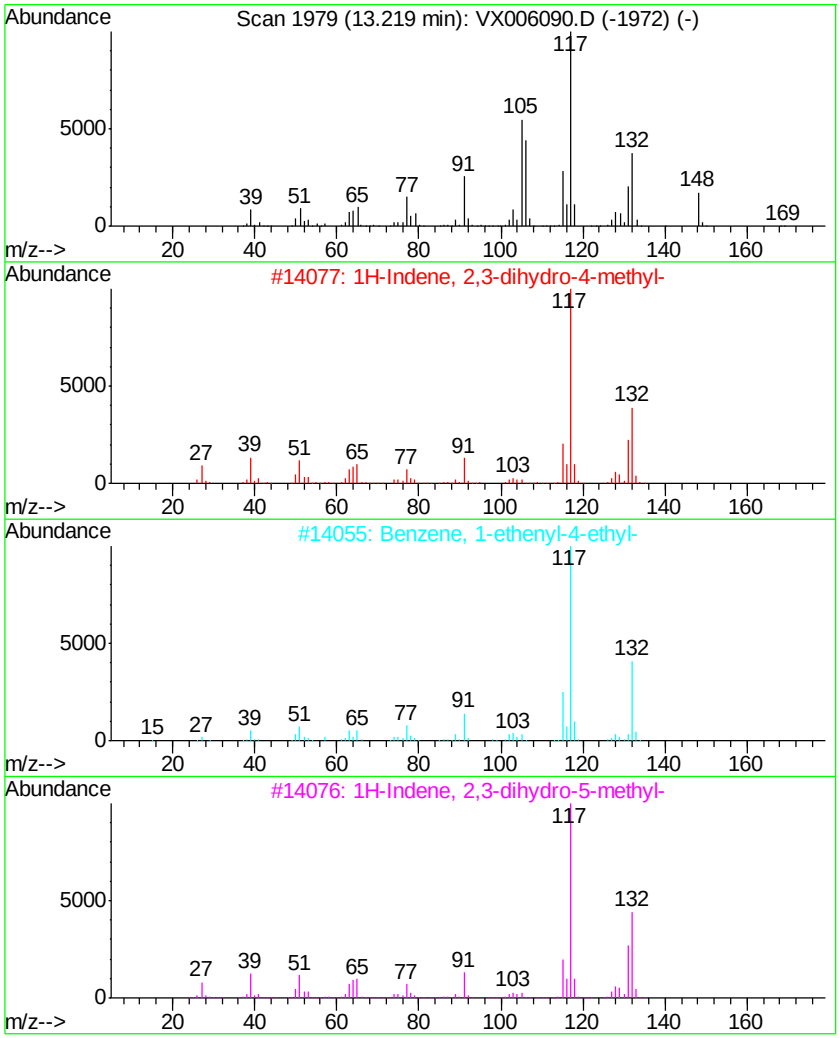
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

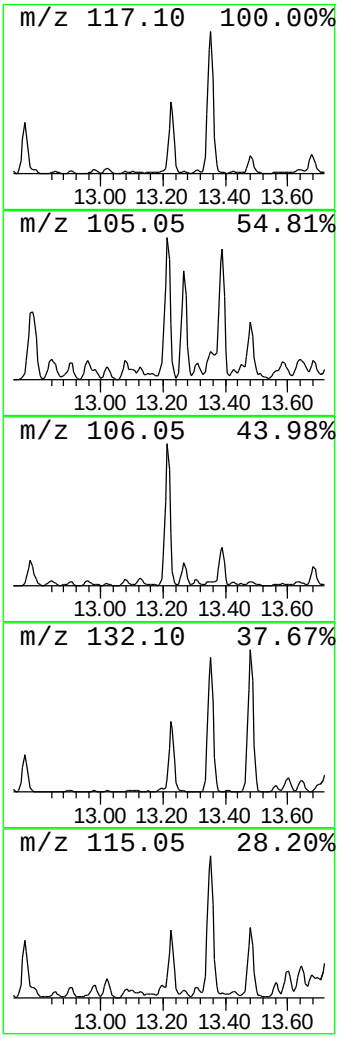
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	52.30 ug/l	610562	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





Library Search Compound Report

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Instrument : MSVOA_X
ClientSampleId : VB44949

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260

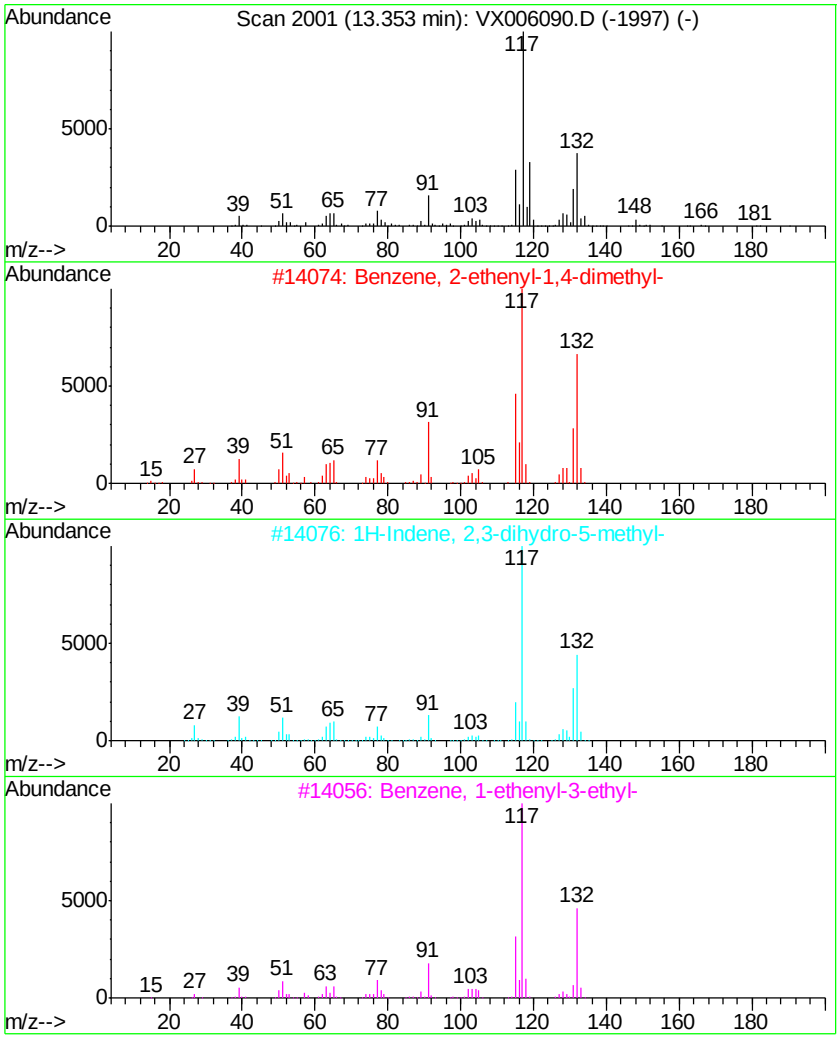
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

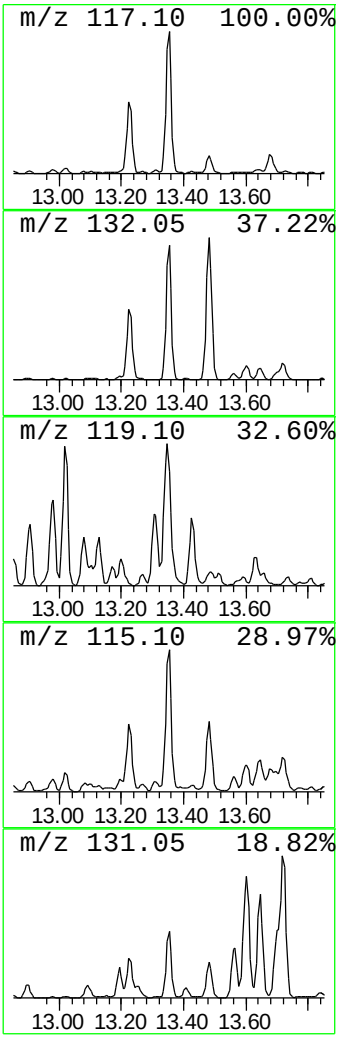
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	99.72 ug/l	1164120	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	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	89
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81





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Instrument : MSVOA_X
ClientSampleId : VB44949

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260

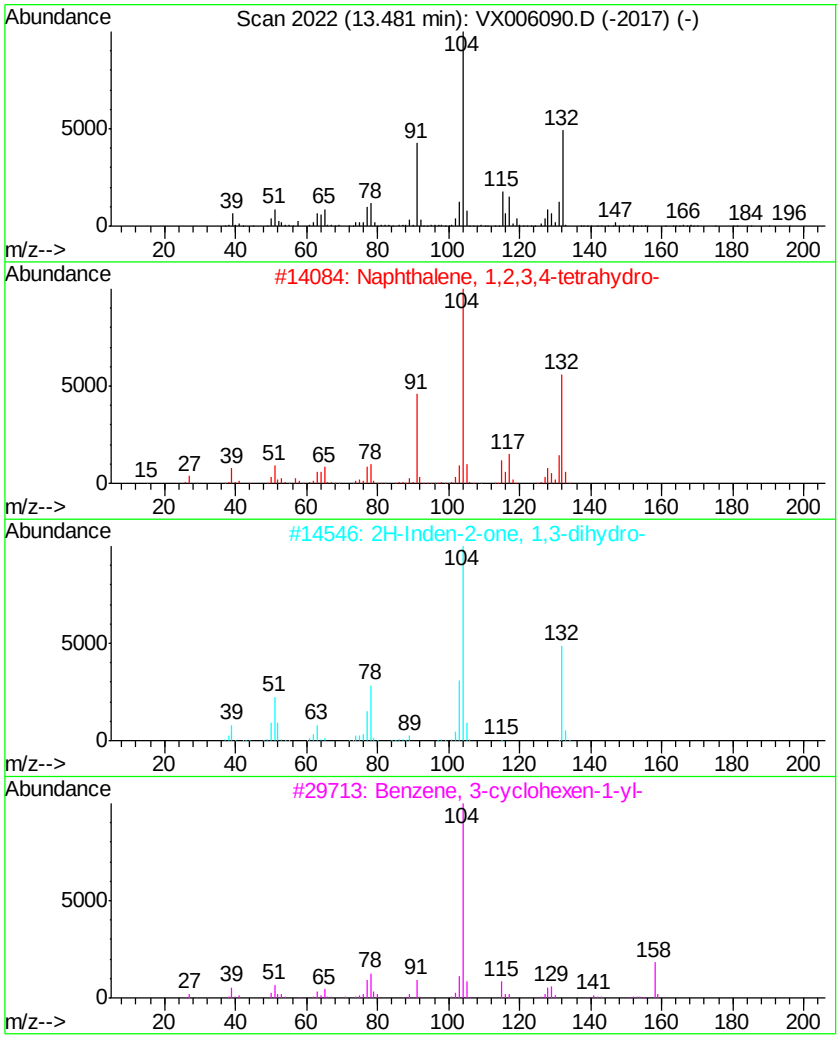
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

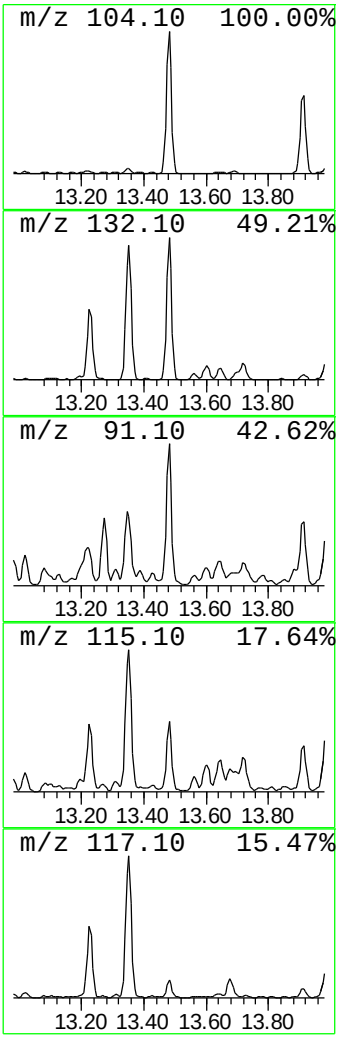
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	80.97 ug/l	945206	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
3	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
5	.delta.-6,7-Octalin, 1.beta.,4.b...	168	C10H16O2	051921-13-2	43





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Instrument : MSVOA_X
ClientSampleId : VB44949

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260

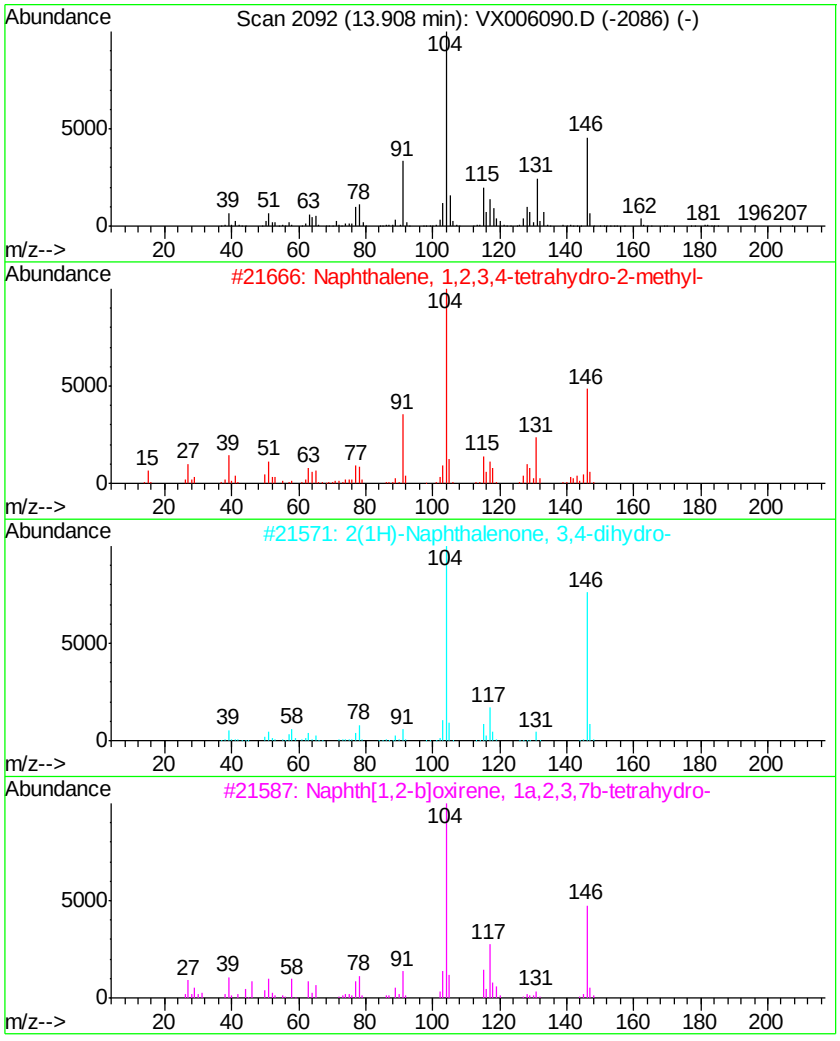
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

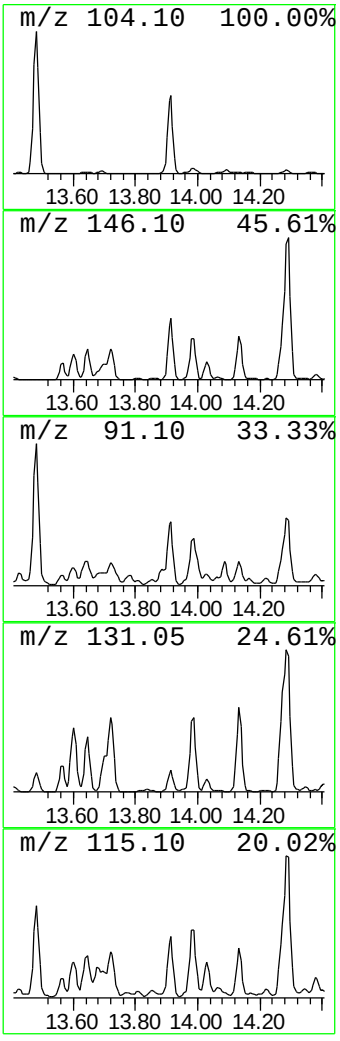
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	56.64 ug/l	661260	1,4-Dichlorobenzene-d4	12.08

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	68
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	35
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
Data File : VX006090.D
Acq On : 19 Nov 2018 14:47
Operator : JC/MD
Sample : J5975-01
Misc : 5.03g/10mL/100uL/5.00ml/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VB44949

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260

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

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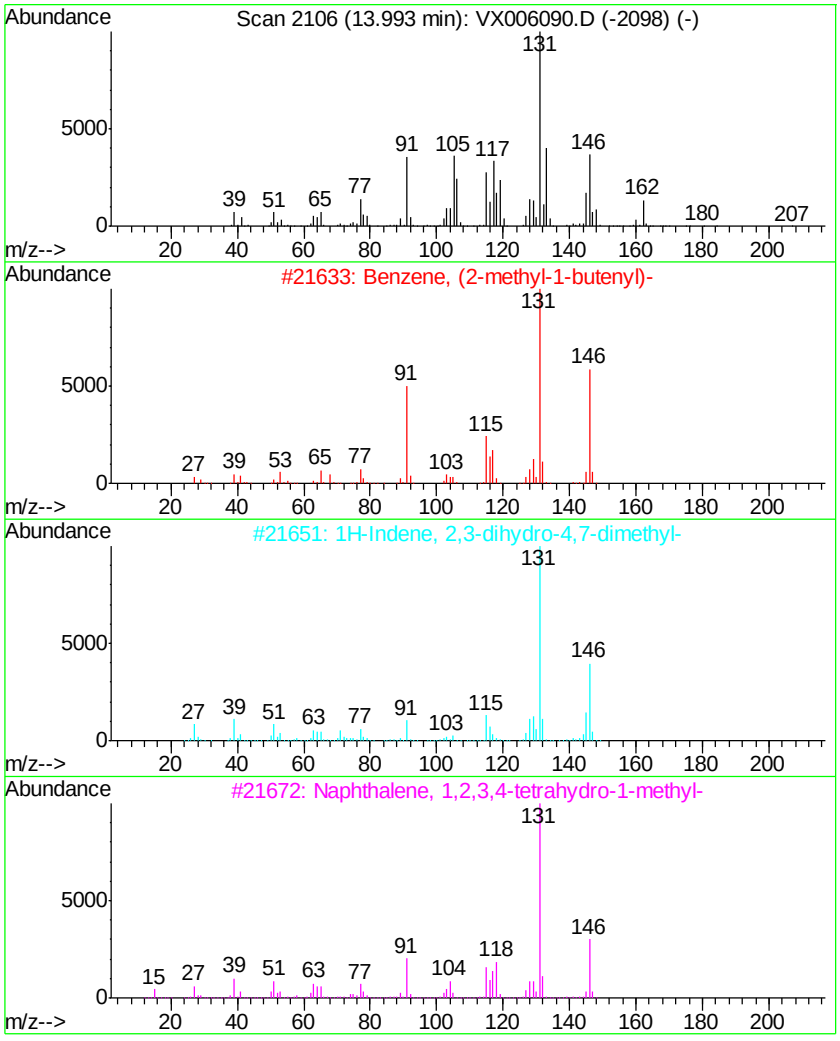
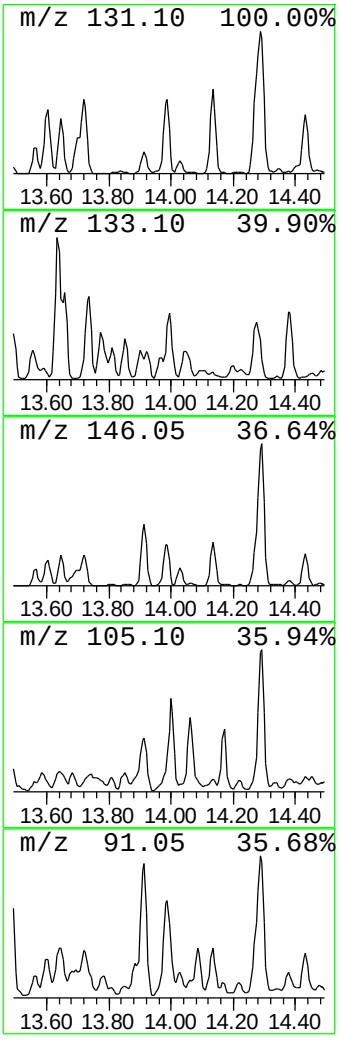
Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	59.66 ug/l	696503	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76





Library Search Compound Report

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Data File : VX006090.D
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Operator : JC/MD
Sample : J5975-01
Misc : 5.03g/10mL/100uL/5.00ml/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VB44949

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260

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

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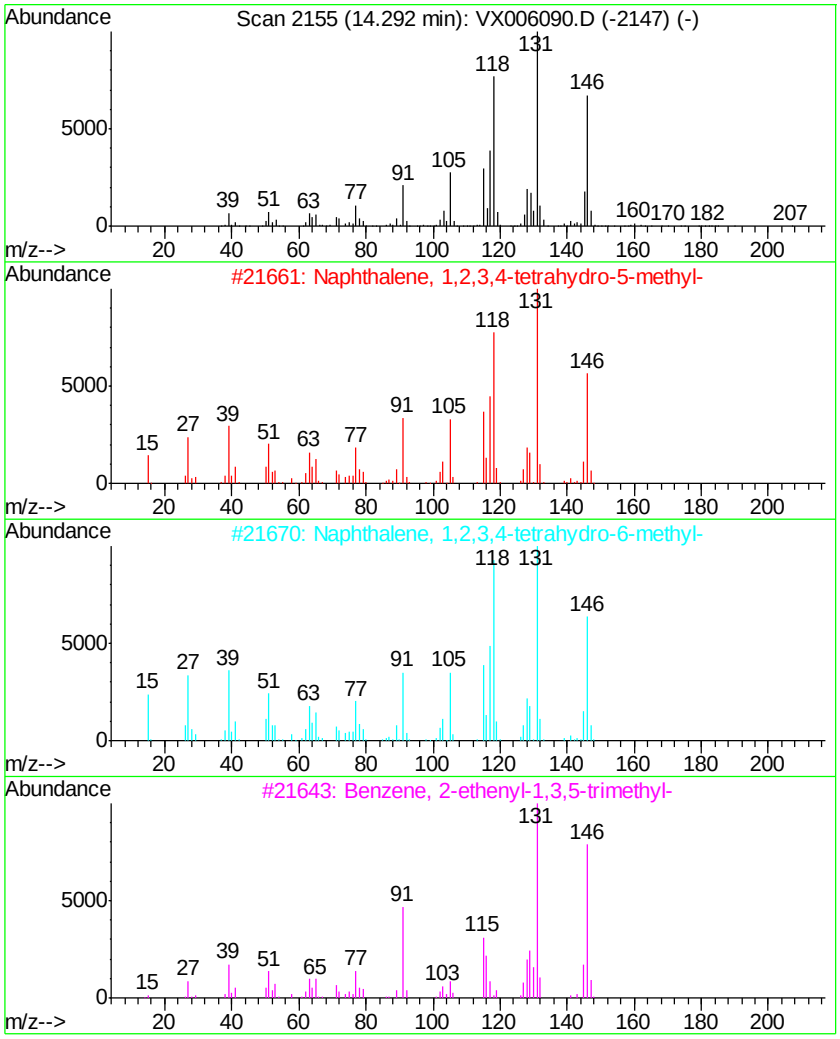
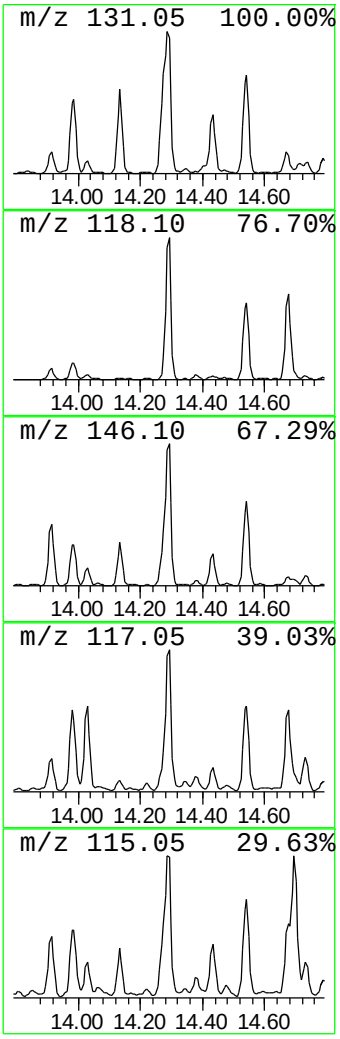
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	132.30 ug/l	1544470	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	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	81
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70





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Sample : J5975-01
Misc : 5.03g/10mL/100uL/5.00ml/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VB44949

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260

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

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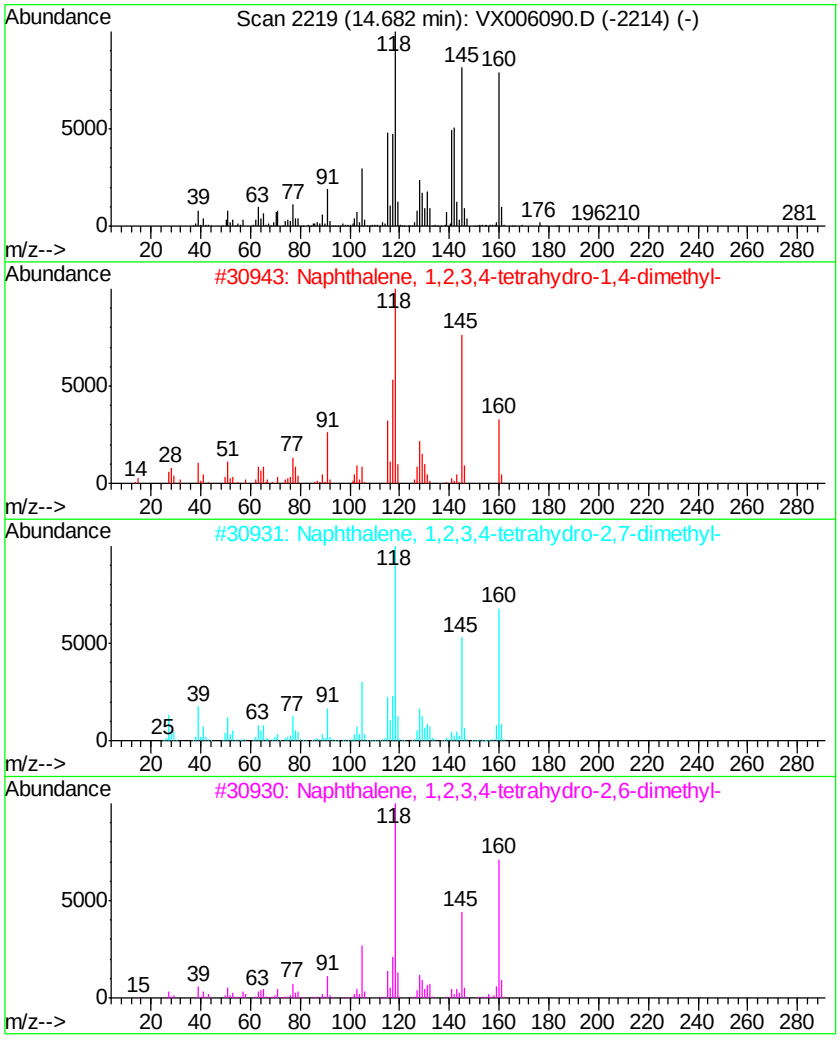
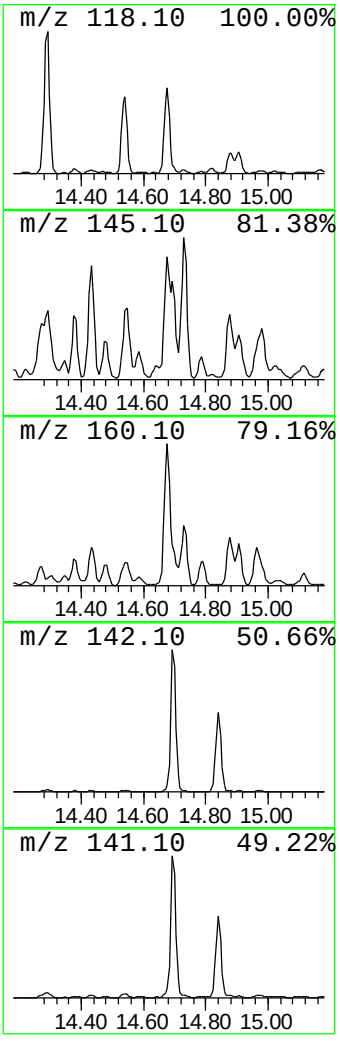
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	46.27 ug/l	540153	1,4-Dichlorobenzene-d4	12.08

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	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	81
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	46





Library Search Compound Report

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Instrument : MSVOA_X
ClientSampleId : VB44949

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Quant Title : SW846 8260

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

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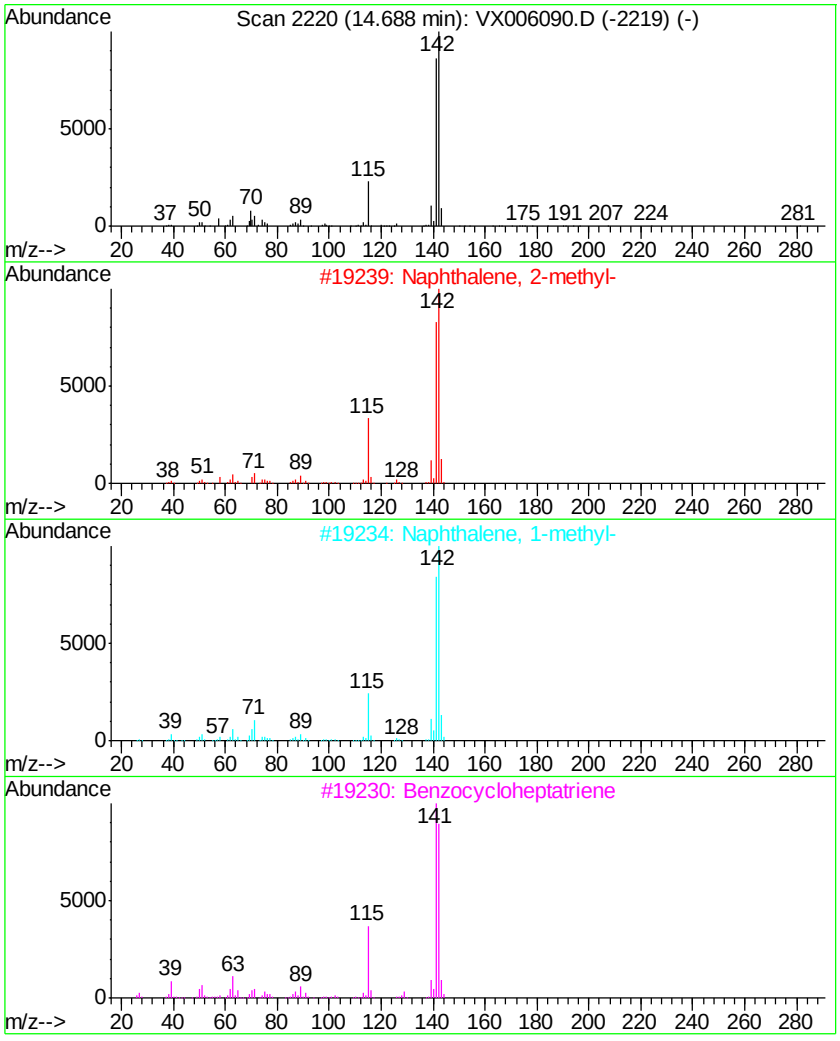
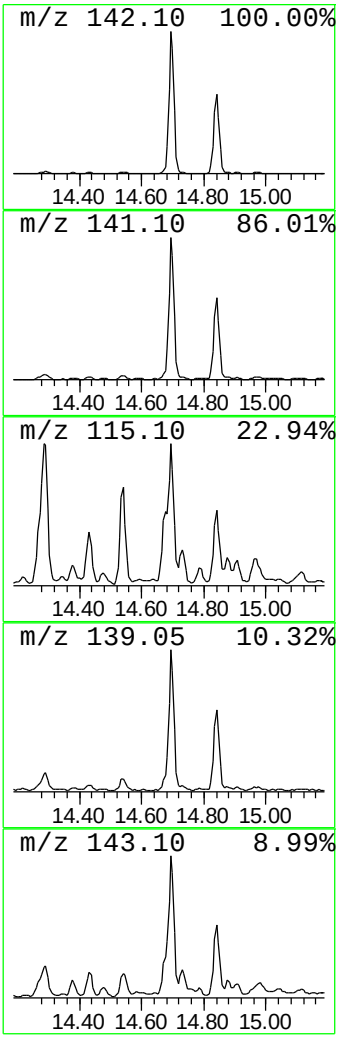
Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	55.05 ug/l	642652	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
Data File : VX006090.D
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Instrument : MSVOA_X
ClientSampleId : VB44949

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.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-ethyl-...	12.37	54.4	ug/l	635468	4	12.08	583692	50.0
1H-Indene, 2,3-di...	13.22	52.3	ug/l	610562	4	12.08	583692	50.0
Benzene, 2-etheny...	13.35	99.7	ug/l	1164120	4	12.08	583692	50.0
Naphthalene, 1,2,...	13.48	81.0	ug/l	945206	4	12.08	583692	50.0
Naphthalene, 1,2,...	13.91	56.6	ug/l	661260	4	12.08	583692	50.0
Benzene, (2-methy...	13.99	59.7	ug/l	696503	4	12.08	583692	50.0
Naphthalene, 1,2,...	14.29	132.3	ug/l	1544470	4	12.08	583692	50.0
Naphthalene, 1,2,...	14.68	46.3	ug/l	540153	4	12.08	583692	50.0
Naphthalene, 2-me...	14.69	55.0	ug/l	642652	4	12.08	583692	50.0