LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031218\
Data File : VX000282.D
Acq On : 12 Mar 2018 18:10
Operator : JC/MD
Sample : J1808-01
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-04-12-13

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 : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.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	1.745	186	190	204	rBV	1855455	2184387	2.94%	0.207%
2	2.849	366	371	383	rVB	5693525	11972493	16.13%	1.137%
3	3.135	408	418	439	rVB	3873138	8676621	11.69%	0.824%
4	3.489	466	476	491	rBV	5541499	12536766	16.89%	1.191%
5	3.788	518	525	535	rVB	904330	2183597	2.94%	0.207%
6	4.379	613	622	635	rVV	4438965	12830033	17.29%	1.219%
7	5.281	745	770	788	rVB5	983188	5148608	6.94%	0.489%
8	5.604	807	823	832	rVV4	5769733	25195436	33.95%	2.393%
9	5.720	832	842	863	rVV3	2082055	8631928	11.63%	0.820%
10	5.928	863	876	892	rVB	6634677	19859236	26.76%	1.886%
11	6.257	917	930	940	rBV2	2421225	8357839	11.26%	0.794%
12	6.354	940	946	954	rVV	2241796	5830912	7.86%	0.554%
13	6.458	954	963	974	rVB2	3296553	9545988	12.86%	0.907%
14	6.714	991	1005	1013	rBV	8717946	21012068	28.31%	1.996%
15	6.946	1024	1043	1056	rBV5	3129984	12649594	17.04%	1.201%
16	7.263	1086	1095	1102	rBV	2659300	6059604	8.16%	0.576%
17	7.476	1116	1130	1140	rVB	18838323	44480606	59.94%	4.225%
18	7.580	1140	1147	1152	rBV2	1700166	3471620	4.68%	0.330%
19	7.641	1152	1157	1166	rVB	2256598	4485081	6.04%	0.426%
20	7.738	1166	1173	1180	rBV	2362113	4598711	6.20%	0.437%
21	7.854	1185	1192	1199	rVB2	2561362	5306017	7.15%	0.504%
22	7.970	1199	1211	1217	rBV4	888643	3543386	4.77%	0.337%
23	8.177	1237	1245	1248	rBV2	1074861	2179867	2.94%	0.207%
24	8.220	1248	1252	1256	rVV	2764888	4633563	6.24%	0.440%
25	8.262	1256	1259	1268	rVB4	2343218	4661534	6.28%	0.443%
26	8.354	1268	1274	1277	rBV	8235117	14071119	18.96%	1.336%
27	8.390	1277	1280	1286	rVB	5426592	8132965	10.96%	0.772%
28	8.518	1295	1301	1305	rBV	8598432	14984766	20.19%	1.423%
29	8.586	1308	1312	1321	rVB4	2788860	5674475	7.65%	0.539%
30	8.677	1321	1327	1330	rBV2	6693198	11865442	15.99%	1.127%
31	8.707	1330	1332	1341	rVB2	4069069	6902267	9.30%	0.656%
32	8.799	1341	1347	1351	rBV	1960936	3575825	4.82%	0.340%
33	8.848	1351	1355	1359	rVV	2325260	3399068	4.58%	0.323%
34	8.915	1364	1366	1371	rVB	1530009	2204791	2.97%	0.209%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031218\
Data File : VX000282.D
Acq On : 12 Mar 2018 18:10
Operator : JC/MD
Sample : J1808-01
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-04-12-13

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 : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Title : SW846 8260

35	8.988	1371	1378	1384	rBV2	13144992	20179723	27.19%	1.917%
36	9.055	1384	1389	1394	rBV3	3111611	5551738	7.48%	0.527%
37	9.177	1400	1409	1414	rBV3	3272961	6347581	8.55%	0.603%
38	9.232	1414	1418	1422	rBV2	3150843	4533912	6.11%	0.431%
39	9.451	1449	1454	1459	rBV2	2517952	3891458	5.24%	0.370%
40	9.567	1469	1473	1480	rVV2	4960473	10785796	14.53%	1.024%
41	9.634	1480	1484	1488	rVV	4761020	6909394	9.31%	0.656%
42	9.689	1488	1493	1497	rVV2	2237952	4780171	6.44%	0.454%
43	9.726	1497	1499	1509	rVB6	1524750	3573200	4.81%	0.339%
44	9.829	1509	1516	1521	rBV2	2230566	4264124	5.75%	0.405%
45	9.890	1521	1526	1530	rVV2	2332795	5473093	7.37%	0.520%
46	9.933	1530	1533	1535	rVV2	2250086	3422625	4.61%	0.325%
47	9.969	1535	1539	1545	rVV	9716989	14707355	19.82%	1.397%
48	10.073	1549	1556	1561	rVB	8113471	11951938	16.10%	1.135%
49	10.201	1573	1577	1580	rVV2	1583696	2692935	3.63%	0.256%
50	10.268	1582	1588	1593	rVV	15696008	22613880	30.47%	2.148%
51	10.378	1593	1606	1611	rVV	39288357	64527773	86.95%	6.129%
52	10.427	1611	1614	1625	rVB	10858215	14664250	19.76%	1.393%
53	10.652	1646	1651	1655	rVV2	3683940	5933176	7.99%	0.564%
54	10.713	1657	1661	1670	rVV	11323096	17754216	23.92%	1.686%
55	10.847	1674	1683	1686	rBV2	3818327	7062008	9.52%	0.671%
56	10.921	1686	1695	1699	rVV3	3709498	7269169	9.79%	0.690%
57	11.030	1707	1713	1717	rVV	3616743	5873667	7.91%	0.558%
58	11.091	1719	1723	1727	rVV2	2126149	3962095	5.34%	0.376%
59	11.146	1727	1732	1734	rVV4	3109216	5583875	7.52%	0.530%
60	11.170	1734	1736	1743	rVV2	3041691	4948199	6.67%	0.470%
61	11.256	1747	1750	1753	rVV	3246179	4029581	5.43%	0.383%
62	11.372	1764	1769	1774	rBV	11753195	15612388	21.04%	1.483%
63	11.451	1777	1782	1784	rBV	23898999	33619282	45.30%	3.193%
64	11.524	1789	1794	1803	rVB	24944992	36949433	49.79%	3.509%
65	11.683	1815	1820	1827	rBV	12846797	16958276	22.85%	1.611%
66	11.829	1838	1844	1853	rVB	52102457	74214737	100.00%	7.049%
67	12.036	1875	1878	1882	rVV	2007571	2522611	3.40%	0.240%
68	12.085	1882	1886	1892	rVB3	1636188	3576524	4.82%	0.340%
69	12.158	1892	1898	1903	rBV	17776339	21755706	29.31%	2.066%
70	12.317	1918	1924	1926	rBV	16702456	23697276	31.93%	2.251%
71	12.335	1926	1927	1931	rVV	9897956	8996776	12.12%	0.854%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031218\
Data File : VX000282.D
Acq On : 12 Mar 2018 18:10
Operator : JC/MD
Sample : J1808-01
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-04-12-13

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 : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Title : SW846 8260

72	12.390	1931	1936	1942	rVB4	21142574	32897207	44.33%	3.124%
73	12.487	1942	1952	1955	rBV3	2113557	3509838	4.73%	0.333%
74	12.530	1955	1959	1965	rVB	4439753	5492380	7.40%	0.522%
75	12.603	1966	1971	1973	rBV	7138000	10816617	14.57%	1.027%
76	12.621	1973	1974	1979	rVV	6999809	6862605	9.25%	0.652%
77	12.682	1979	1984	1987	rVV	16635535	19092562	25.73%	1.813%
78	12.713	1987	1989	1994	rVV	2702117	3182564	4.29%	0.302%
79	12.768	1994	1998	2006	rVB2	8160321	13165994	17.74%	1.250%
80	12.914	2019	2022	2026	rVB2	3196724	3885211	5.24%	0.369%
81	12.993	2026	2035	2038	rBV	8936676	12476145	16.81%	1.185%
82	13.030	2038	2041	2047	rVB	10124850	12123458	16.34%	1.151%
83	13.091	2047	2051	2052	rBV	2086801	2267398	3.06%	0.215%
84	13.109	2052	2054	2057	rVV2	2297271	3255999	4.39%	0.309%
85	13.237	2067	2075	2079	rBV3	8186503	12007834	16.18%	1.140%
86	13.280	2079	2082	2085	rVB2	2023857	2289521	3.08%	0.217%
87	13.323	2085	2089	2092	rBV2	2252427	3514657	4.74%	0.334%
88	13.359	2092	2095	2101	rVV2	13083333	18118902	24.41%	1.721%
89	13.438	2104	2108	2112	rVB	2280356	2781155	3.75%	0.264%
90	13.493	2112	2117	2125	rVB	2342918	3545832	4.78%	0.337%
91	13.572	2125	2130	2133	rBV2	1958521	2650392	3.57%	0.252%
92	13.609	2133	2136	2139	rBV	2970214	3767289	5.08%	0.358%
93	13.652	2139	2143	2148	rVB3	3257727	5393983	7.27%	0.512%
94	13.731	2153	2156	2162	rVB2	3141297	4912524	6.62%	0.467%
95	13.847	2168	2175	2181	rBV	8471468	10506236	14.16%	0.998%
96	13.993	2192	2199	2204	rBV4	1626543	2949151	3.97%	0.280%
97	14.146	2219	2224	2228	rBV	2424856	3073819	4.14%	0.292%
98	14.280	2241	2246	2256	rVV2	2174393	3904566	5.26%	0.371%
99	14.706	2308	2316	2321	rBV	7035511	8862872	11.94%	0.842%
100	14.847	2335	2339	2344	rBV	2767350	3537966	4.77%	0.336%

Sum of corrected areas: 1052880831

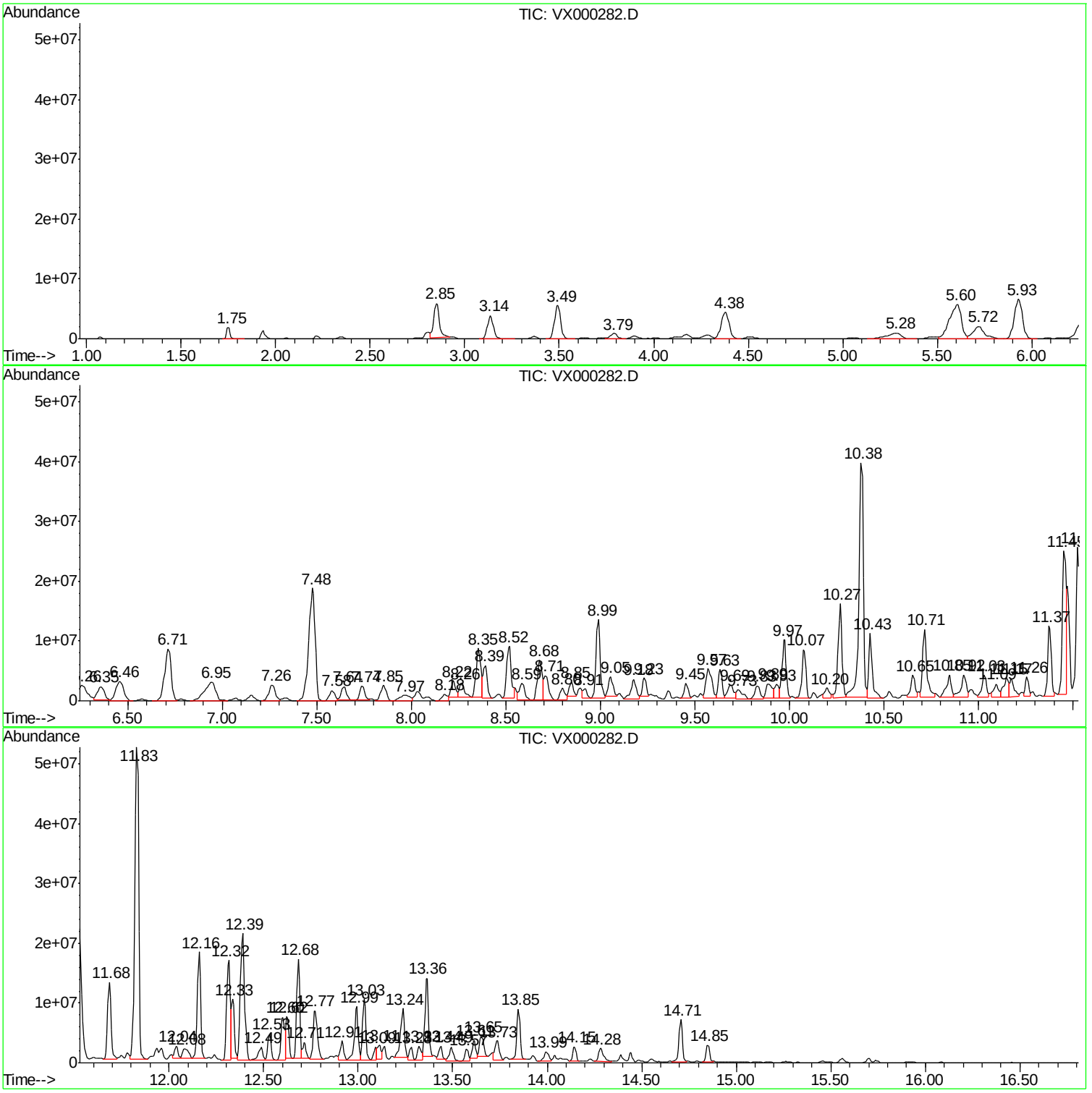
LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031218\
Data File : VX000282.D
Acq On : 12 Mar 2018 18:10
Operator : JC/MD
Sample : J1808-01
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-04-12-13

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260

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



Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031218\
Data File : VX000282.D
Acq On : 12 Mar 2018 18:10
Operator : JC/MD
Sample : J1808-01
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-04-12-13

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260

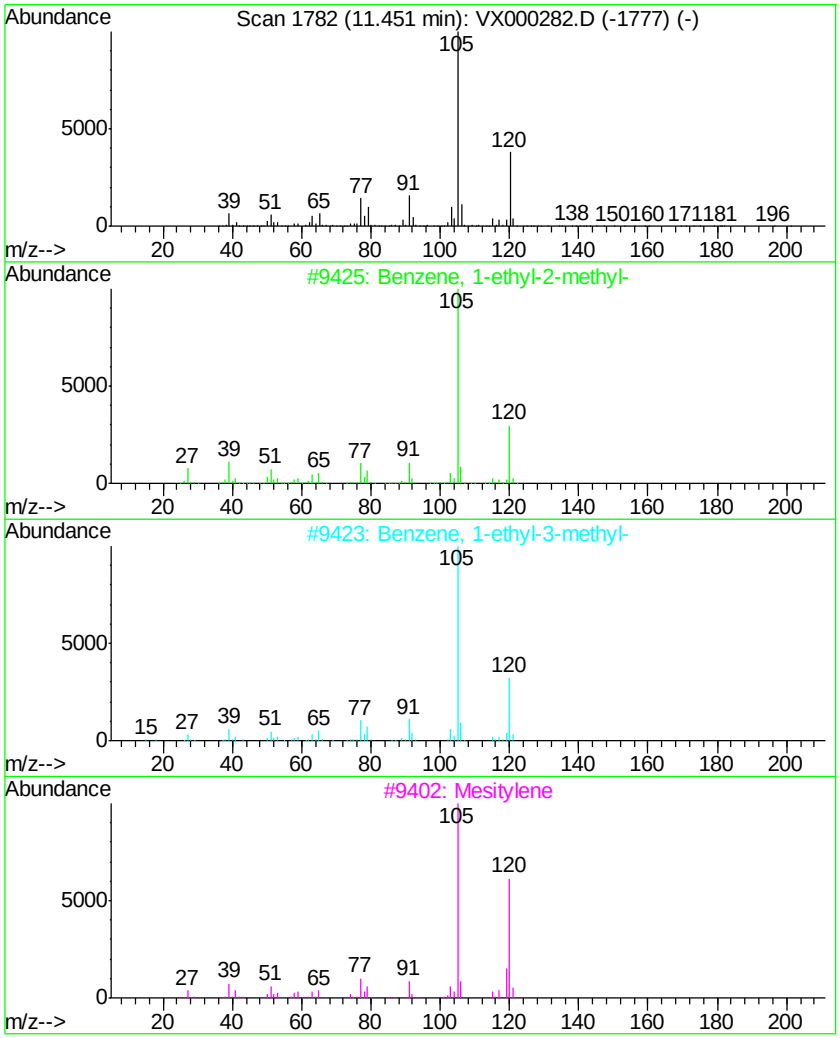
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

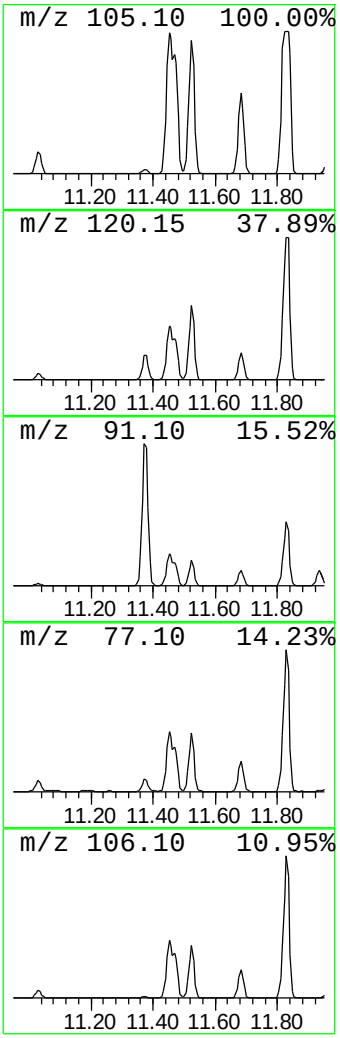
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	470.00 ug/l	33619300	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031218\
Data File : VX000282.D
Acq On : 12 Mar 2018 18:10
Operator : JC/MD
Sample : J1808-01
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-04-12-13

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260

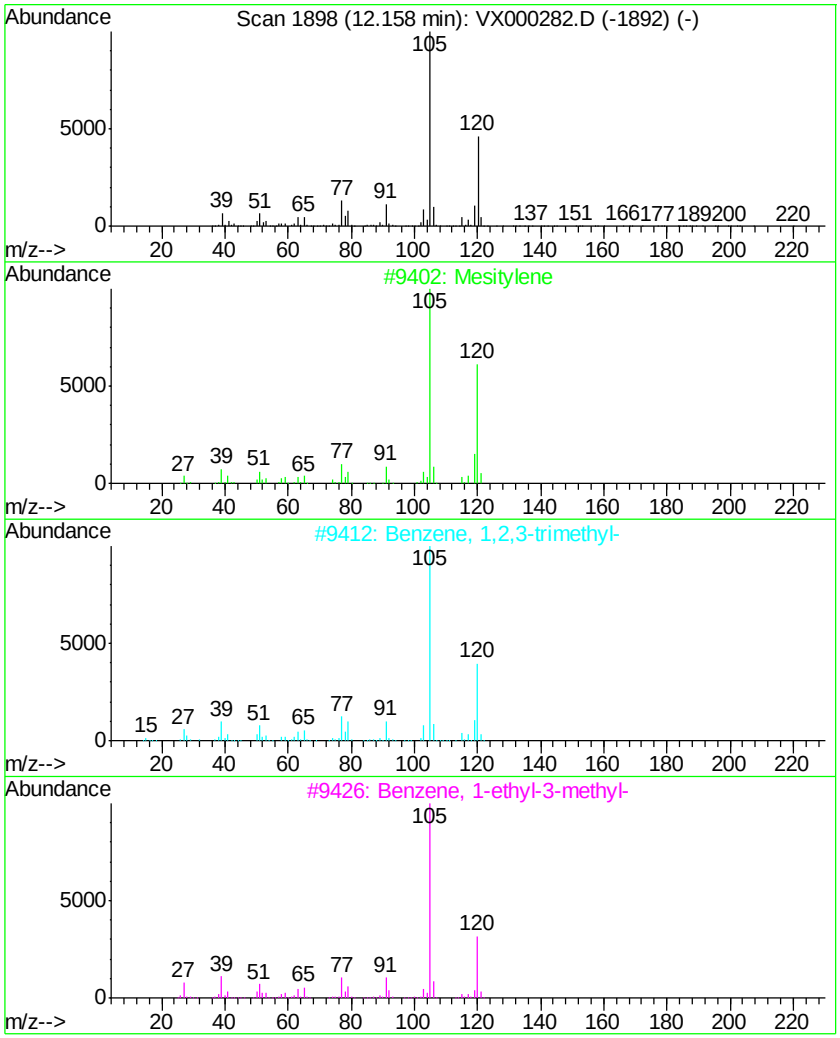
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

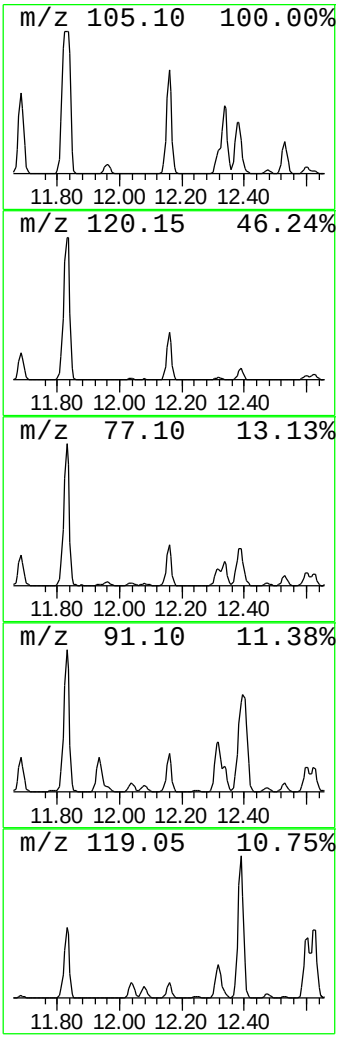
****

Peak Number 3 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	304.15 ug/l	21755700	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031218\
Data File : VX000282.D
Acq On : 12 Mar 2018 18:10
Operator : JC/MD
Sample : J1808-01
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-04-12-13

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260

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

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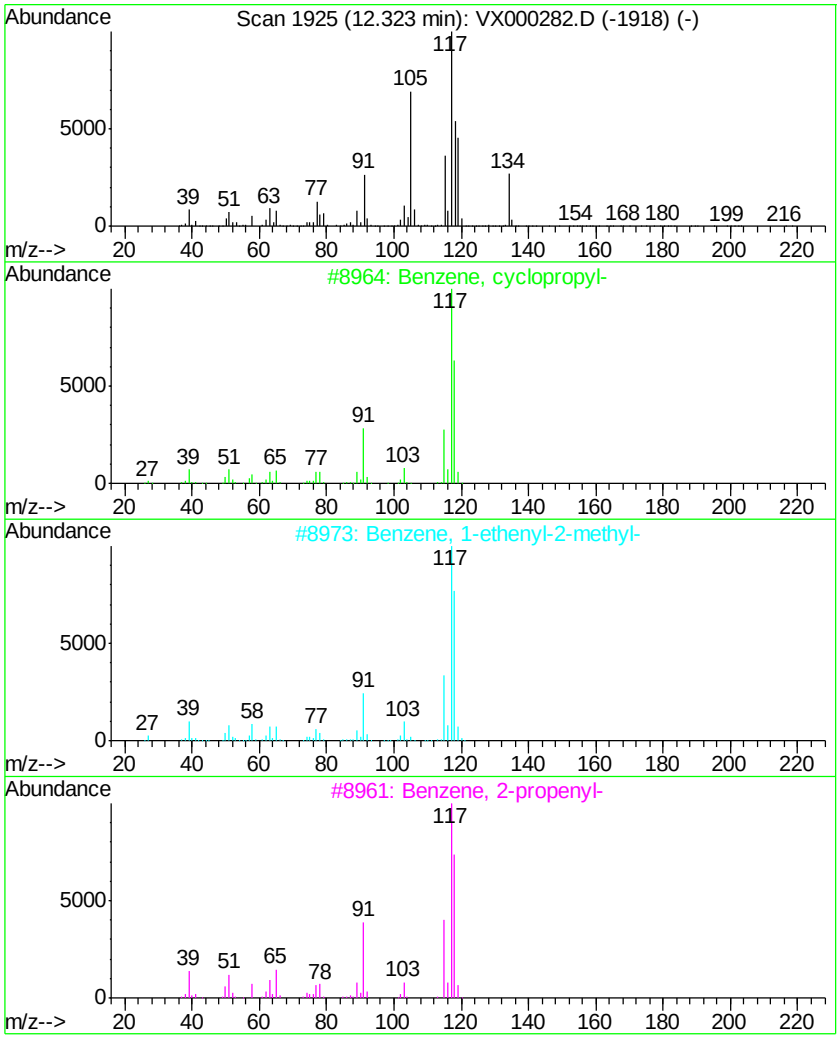
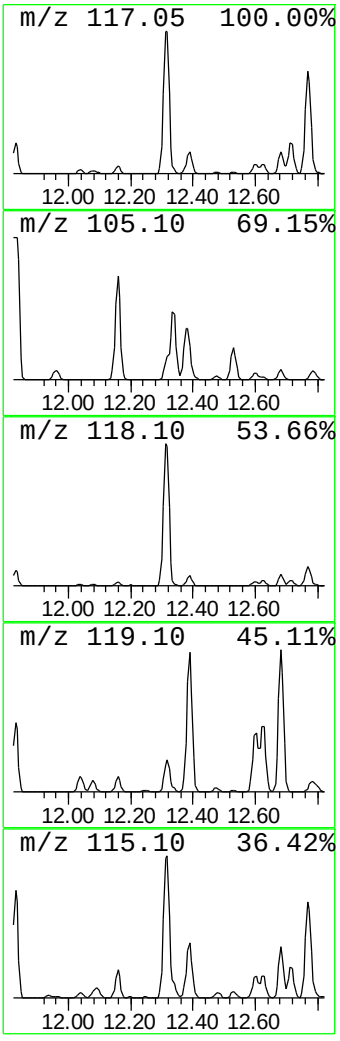
Peak Number 4 Benzene, cyclopropyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	331.29 ug/l	23697300	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Indane	118	C9H10	000496-11-7	64





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031218\
Data File : VX000282.D
Acq On : 12 Mar 2018 18:10
Operator : JC/MD
Sample : J1808-01
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-04-12-13

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260

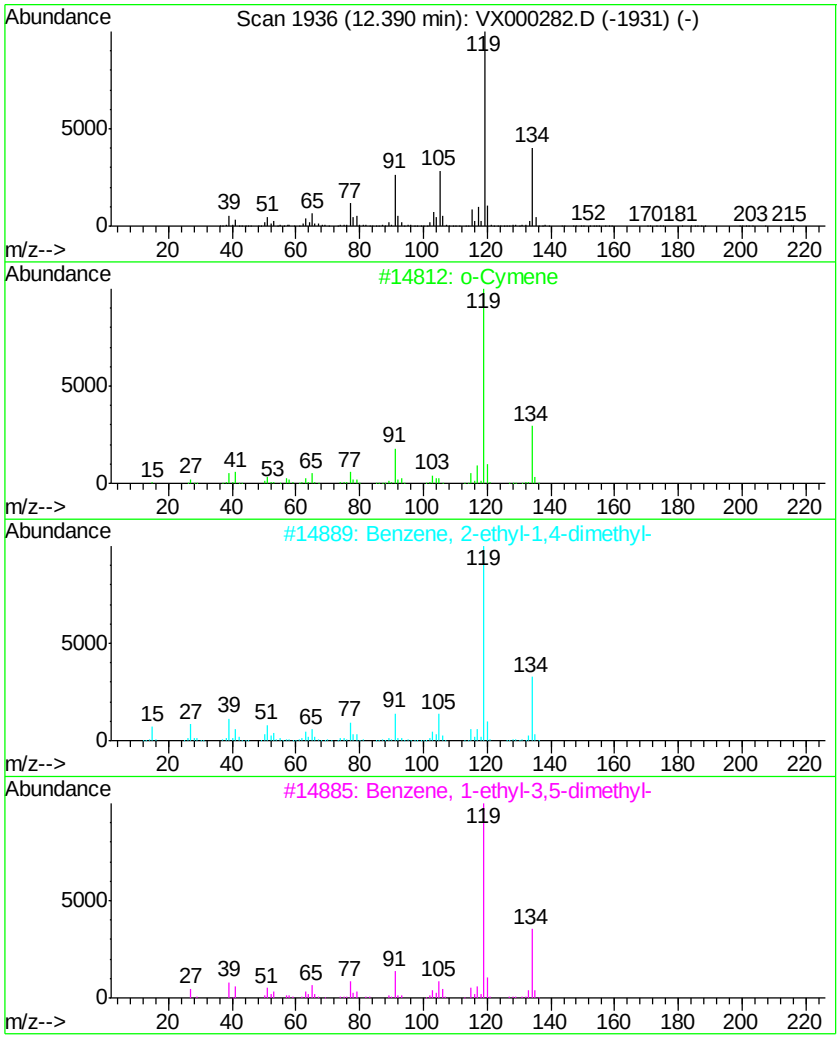
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

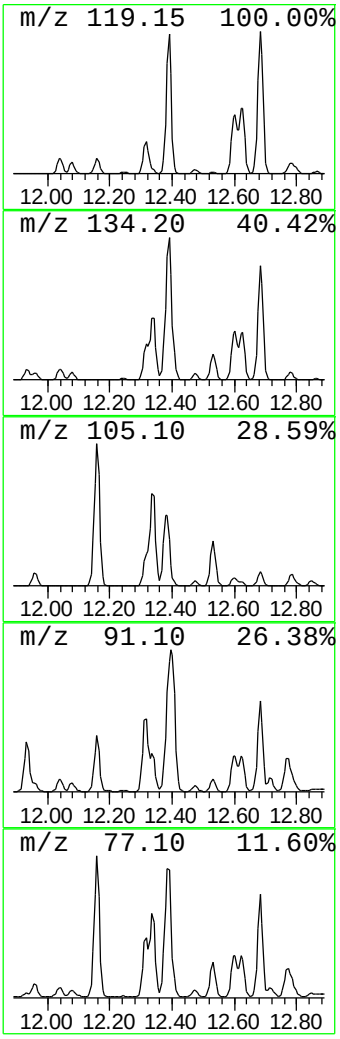
****

Peak Number 5 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	459.91 ug/l	32897200	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031218\
Data File : VX000282.D
Acq On : 12 Mar 2018 18:10
Operator : JC/MD
Sample : J1808-01
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-04-12-13

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260

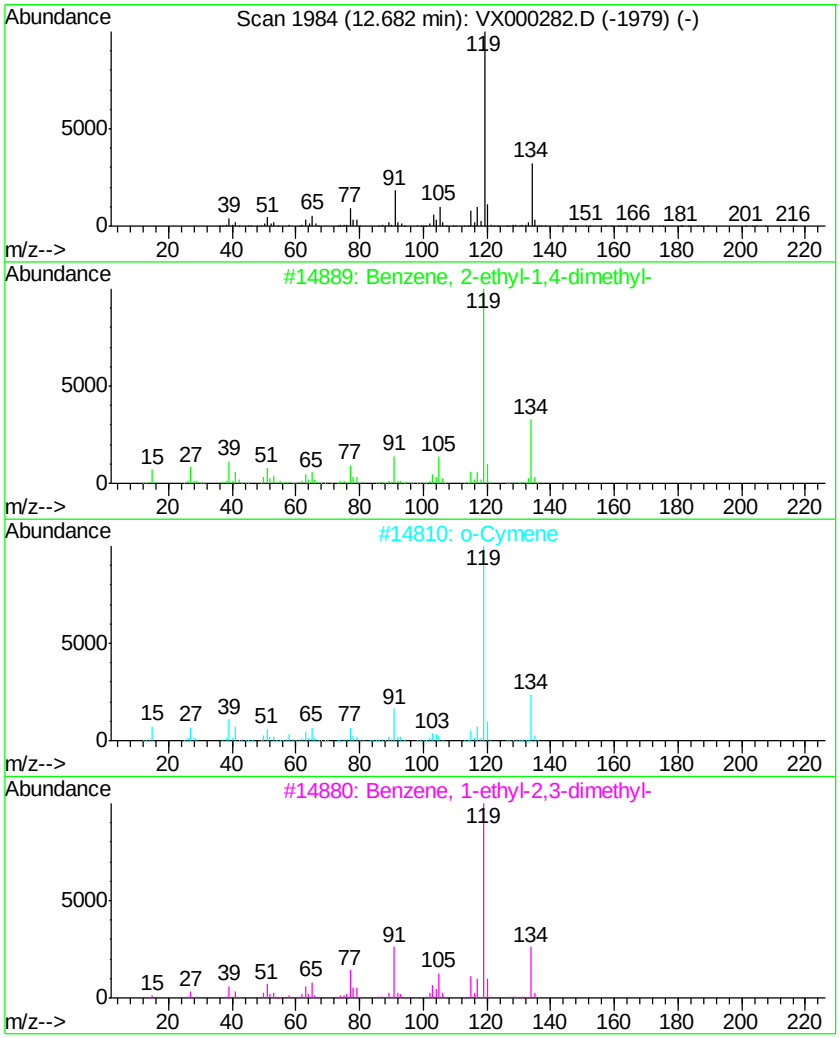
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

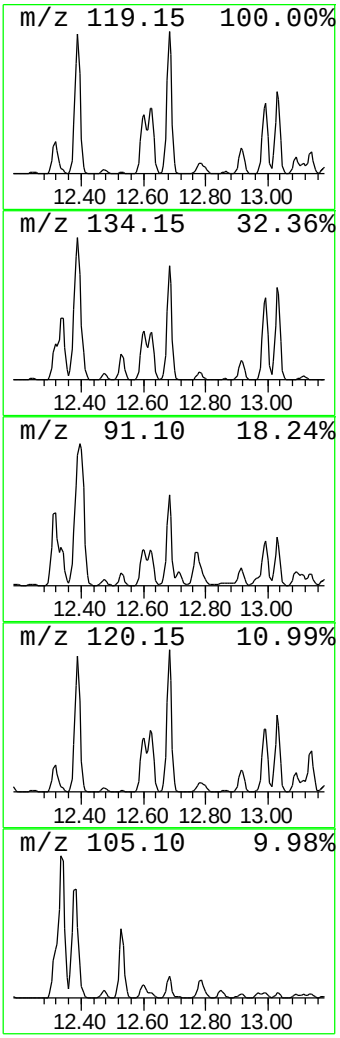
****

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	266.92 ug/l	19092600	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031218\
Data File : VX000282.D
Acq On : 12 Mar 2018 18:10
Operator : JC/MD
Sample : J1808-01
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-04-12-13

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260

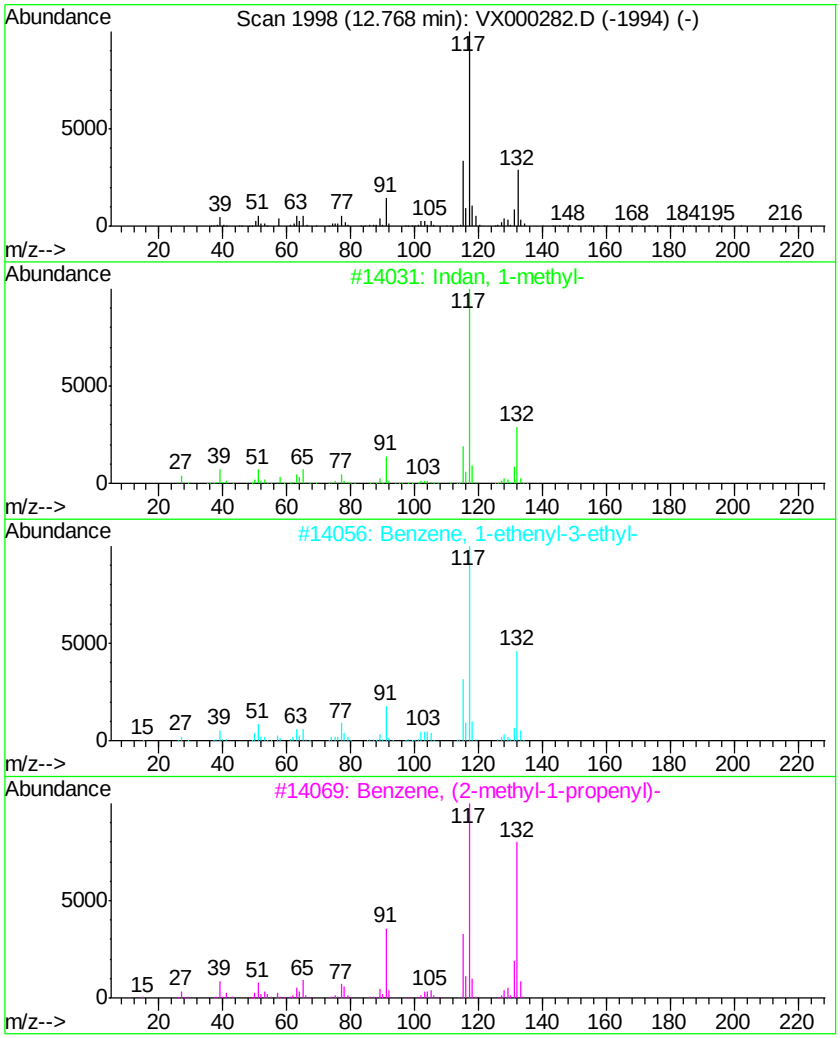
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

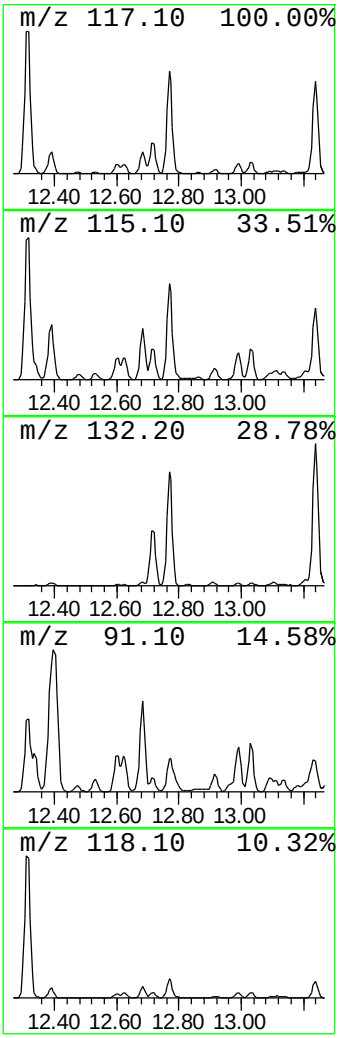
****

Peak Number 7 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	184.06 ug/l	13166000	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	81





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031218\
Data File : VX000282.D
Acq On : 12 Mar 2018 18:10
Operator : JC/MD
Sample : J1808-01
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-04-12-13

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260

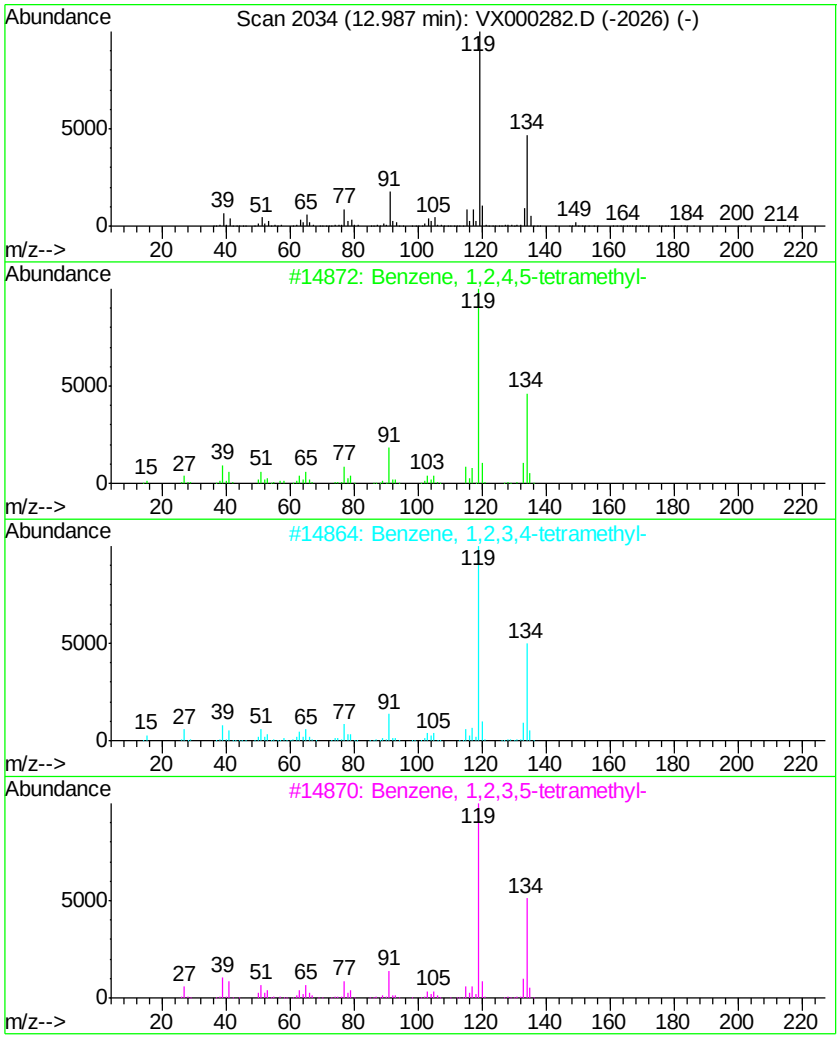
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

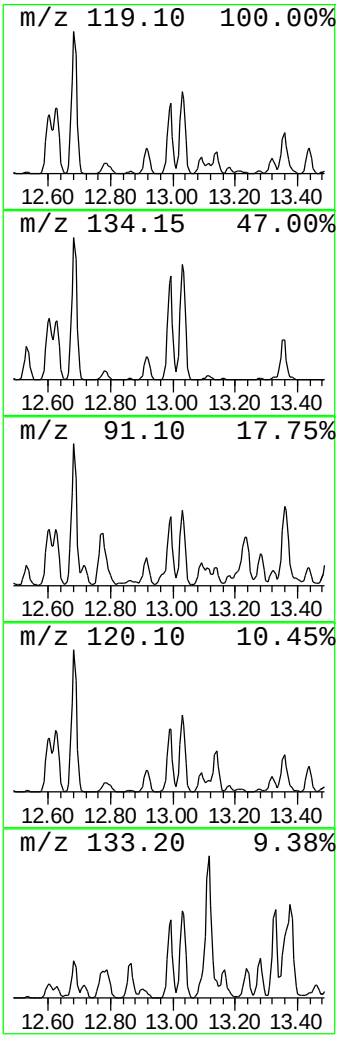
****

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	174.42 ug/l	12476100	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031218\
Data File : VX000282.D
Acq On : 12 Mar 2018 18:10
Operator : JC/MD
Sample : J1808-01
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-04-12-13

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.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-...	11.45	470.0	ug/l	33619300	4	12.09	3576520	50.0
Mesitylene	12.16	304.1	ug/l	21755700	4	12.09	3576520	50.0
Benzene, cyclopro...	12.32	331.3	ug/l	23697300	4	12.09	3576520	50.0
o-Cymene	12.39	459.9	ug/l	32897200	4	12.09	3576520	50.0
Benzene, 2-ethyl-...	12.68	266.9	ug/l	19092600	4	12.09	3576520	50.0
Indan, 1-methyl-	12.77	184.1	ug/l	13166000	4	12.09	3576520	50.0
Benzene, 1,2,4,5-...	12.99	174.4	ug/l	12476100	4	12.09	3576520	50.0