LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
Data File : VX002664.D
Acq On : 16 Jun 2018 22:57
Operator : JC/MD
Sample : J3462-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5_061218

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\82X061518W.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	1.075	76	80	93	rBV	754554	975322	79.15%	9.172%
2	1.270	109	112	119	rBV	11011	18328	1.49%	0.172%
3	5.507	795	807	819	rBV	141465	407431	33.06%	3.831%
4	5.666	823	833	852	rVB	215058	621148	50.41%	5.841%
5	5.934	867	877	887	rBV6	7855	27203	2.21%	0.256%
6	6.074	889	900	914	rBV	158236	407675	33.08%	3.834%
7	6.257	922	930	939	rBV7	7609	23124	1.88%	0.217%
8	6.367	939	948	954	rVV4	7368	20471	1.66%	0.193%
9	6.452	954	962	974	rVB3	19267	52588	4.27%	0.495%
10	6.867	1020	1030	1050	rBV	314249	749838	60.85%	7.051%
11	7.464	1117	1128	1139	rVB	124360	286753	23.27%	2.697%
12	7.738	1165	1173	1182	rVB2	14188	27981	2.27%	0.263%
13	7.854	1185	1192	1197	rBV2	9368	17887	1.45%	0.168%
14	8.031	1215	1221	1226	rBV3	11591	21577	1.75%	0.203%
15	8.391	1274	1280	1287	rVB5	10351	22336	1.81%	0.210%
16	8.574	1306	1310	1316	rVB4	11224	21235	1.72%	0.200%
17	8.671	1319	1326	1328	rBV2	38600	66772	5.42%	0.628%
18	8.720	1328	1334	1344	rVB	788197	1232290	100.00%	11.588%
19	8.842	1349	1354	1358	rVV	22283	34323	2.79%	0.323%
20	8.915	1362	1366	1373	rVB3	15482	29352	2.38%	0.276%
21	8.988	1373	1378	1382	rBV2	10252	17236	1.40%	0.162%
22	9.043	1382	1387	1393	rVV	42496	68249	5.54%	0.642%
23	9.165	1398	1407	1412	rVV	28971	53450	4.34%	0.503%
24	9.226	1412	1417	1428	rVB	31458	55471	4.50%	0.522%
25	9.494	1456	1461	1463	rBV	17621	27081	2.20%	0.255%
26	9.525	1463	1466	1469	rVV	20922	30598	2.48%	0.288%
27	9.573	1469	1474	1479	rVV5	25032	53383	4.33%	0.502%
28	9.628	1479	1483	1487	rVV	46637	69298	5.62%	0.652%
29	9.677	1487	1491	1496	rVV3	20909	38582	3.13%	0.363%
30	9.823	1510	1515	1522	rVB5	14302	24748	2.01%	0.233%
31	9.921	1522	1531	1537	rBV8	8278	25316	2.05%	0.238%
32	10.000	1539	1544	1547	rBV4	7294	14833	1.20%	0.139%
33	10.037	1547	1550	1555	rVB3	10817	15683	1.27%	0.147%
34	10.116	1557	1563	1569	rBV	682230	892824	72.45%	8.396%

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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5_061218

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\82X061518W.M
Title : SW846 8260

35	10.189	1569	1575	1578	rVV	32288	50538	4.10%	0.475%
36	10.220	1578	1580	1586	rVB4	11471	14605	1.19%	0.137%
37	10.336	1594	1599	1602	rBV3	17854	33048	2.68%	0.311%
38	10.518	1624	1629	1631	rBV3	8884	13940	1.13%	0.131%
39	10.646	1641	1650	1657	rBV6	12742	33641	2.73%	0.316%
40	10.842	1673	1682	1685	rBV	20578	35182	2.86%	0.331%
41	10.921	1690	1695	1700	rVB5	8631	15500	1.26%	0.146%
42	11.140	1725	1731	1736	rVV	676949	840036	68.17%	7.899%
43	11.189	1736	1739	1745	rVB4	18389	26490	2.15%	0.249%
44	11.439	1775	1780	1781	rBV	32986	40174	3.26%	0.378%
45	11.457	1781	1783	1787	rVV	38625	46262	3.75%	0.435%
46	11.512	1787	1792	1799	rVB	57596	76270	6.19%	0.717%
47	11.671	1814	1818	1826	rVB	50906	67696	5.49%	0.637%
48	11.811	1837	1841	1845	rVB	32863	40560	3.29%	0.381%
49	11.951	1861	1864	1869	rVB	13965	17500	1.42%	0.165%
50	12.030	1871	1877	1880	rBV	66438	84646	6.87%	0.796%
51	12.079	1880	1885	1892	rVV	782969	1017356	82.56%	9.567%
52	12.146	1892	1896	1901	rVB	24467	30990	2.51%	0.291%
53	12.238	1907	1911	1915	rVB	19322	25518	2.07%	0.240%
54	12.305	1915	1922	1924	rBV	63149	87704	7.12%	0.825%
55	12.329	1924	1926	1929	rVV	65917	65750	5.34%	0.618%
56	12.378	1929	1934	1940	rVB2	175827	240084	19.48%	2.258%
57	12.463	1940	1948	1953	rBV	36101	45685	3.71%	0.430%
58	12.524	1953	1958	1963	rVB	53911	69658	5.65%	0.655%
59	12.591	1964	1969	1970	rBV	44457	51154	4.15%	0.481%
60	12.616	1970	1973	1977	rVB	73021	85484	6.94%	0.804%
61	12.671	1977	1982	1986	rBV	97933	115705	9.39%	1.088%
62	12.762	1992	1997	2004	rBV4	58531	118620	9.63%	1.115%
63	12.853	2009	2012	2016	rVV	18481	22496	1.83%	0.212%
64	12.908	2016	2021	2026	rVB2	50836	75401	6.12%	0.709%
65	12.981	2026	2033	2036	rBV	34398	52416	4.25%	0.493%
66	13.024	2036	2040	2045	rVB2	74950	93023	7.55%	0.875%
67	13.097	2045	2052	2056	rBV2	38342	75686	6.14%	0.712%
68	13.152	2059	2061	2065	rVB	13035	14457	1.17%	0.136%
69	13.201	2065	2069	2071	rBV2	14771	18846	1.53%	0.177%
70	13.256	2075	2078	2083	rVB2	19321	31552	2.56%	0.297%
71	13.317	2083	2088	2090	rBV3	17531	26291	2.13%	0.247%

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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5_061218

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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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Title : SW846 8260

72	13.347	2090	2093	2101	rVB2	56585	86893	7.05%	0.817%
73	13.481	2112	2115	2120	rVB2	12624	18463	1.50%	0.174%
74	13.561	2124	2128	2131	rVV3	10018	16289	1.32%	0.153%
75	13.603	2131	2135	2138	rVV	39690	56270	4.57%	0.529%
76	13.646	2138	2142	2147	rVV2	26193	57320	4.65%	0.539%
77	13.701	2147	2151	2152	rVV2	24093	31097	2.52%	0.292%
78	13.725	2152	2155	2162	rVB2	43676	64769	5.26%	0.609%
79	13.853	2173	2176	2181	rVB3	9768	13379	1.09%	0.126%
80	13.987	2190	2198	2202	rBV2	12906	20816	1.69%	0.196%
81	14.274	2238	2245	2253	rBV3	11165	18534	1.50%	0.174%

Sum of corrected areas: 10634180

LSC Report - Integrated Chromatogram

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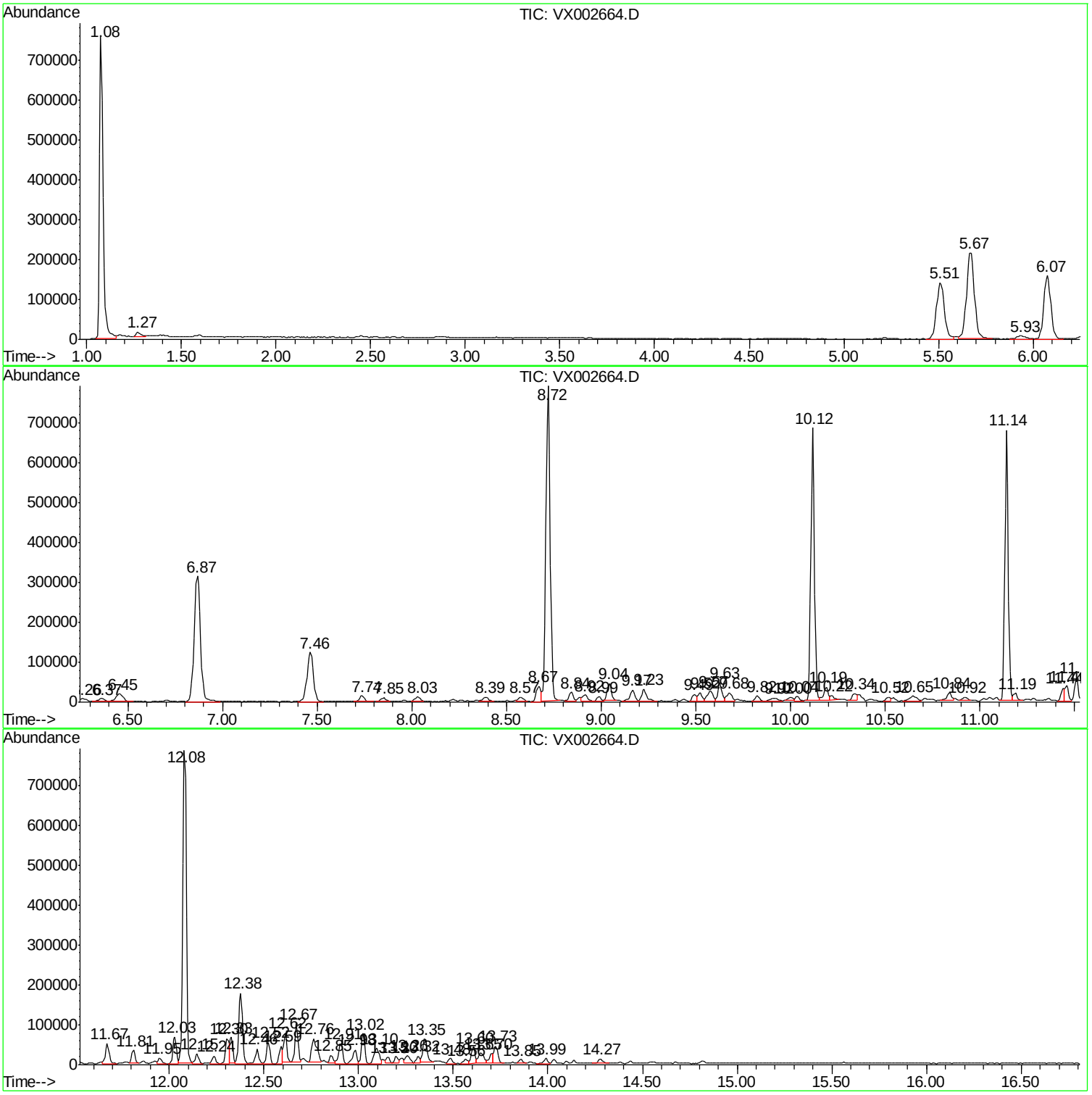
Operator : JC/MD
Sample : J3462-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5_061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.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\VX061618\
Data File : VX002664.D
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Operator : JC/MD
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Instrument : MSVOA_X
ClientSampleId : MW-5_061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260

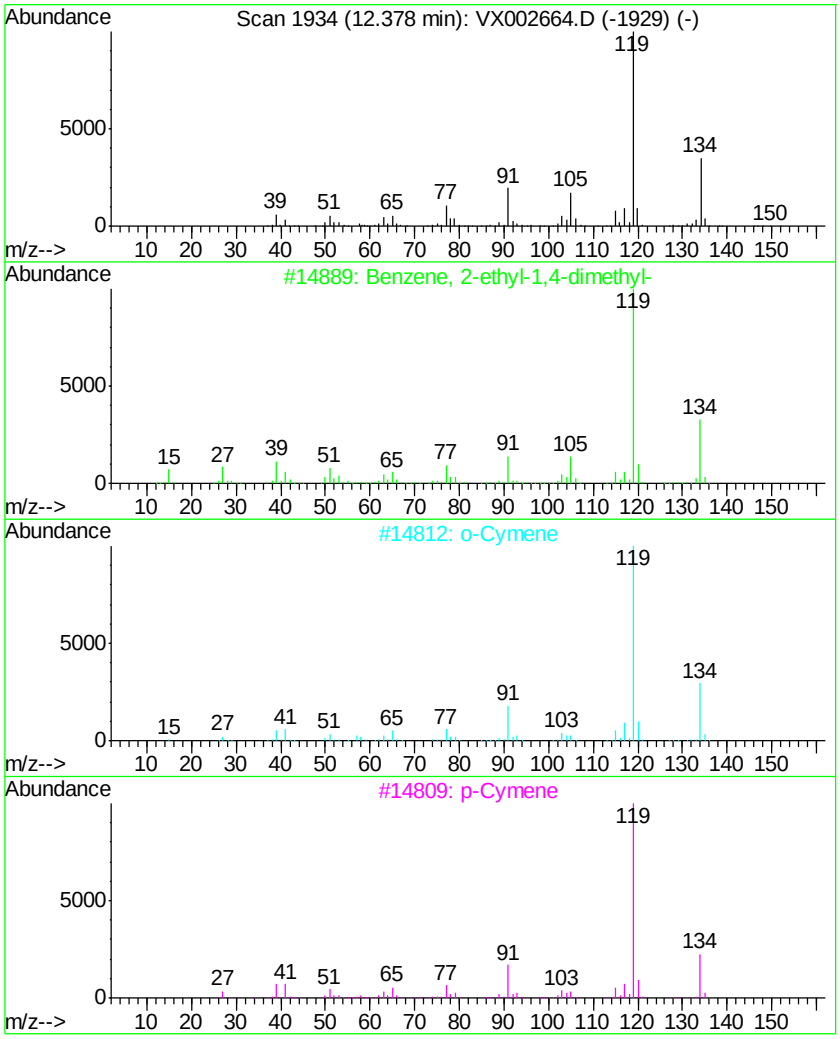
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

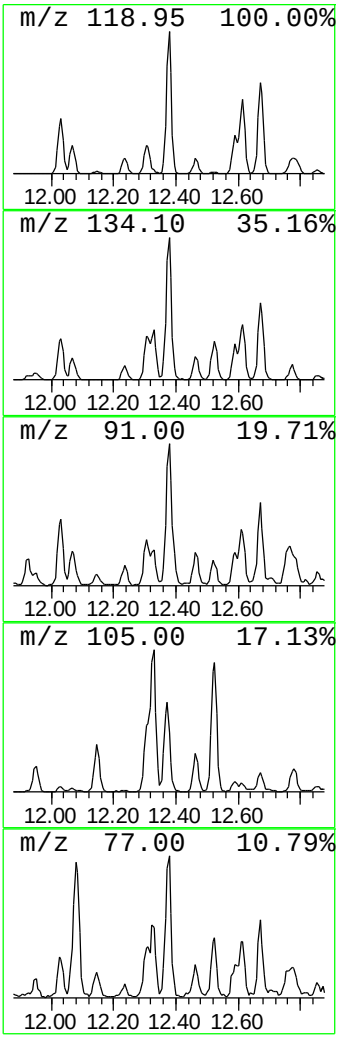
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	11.80 ug/l	240084	1,4-Dichlorobenzene-d4	12.08

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	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : MW-5_061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260

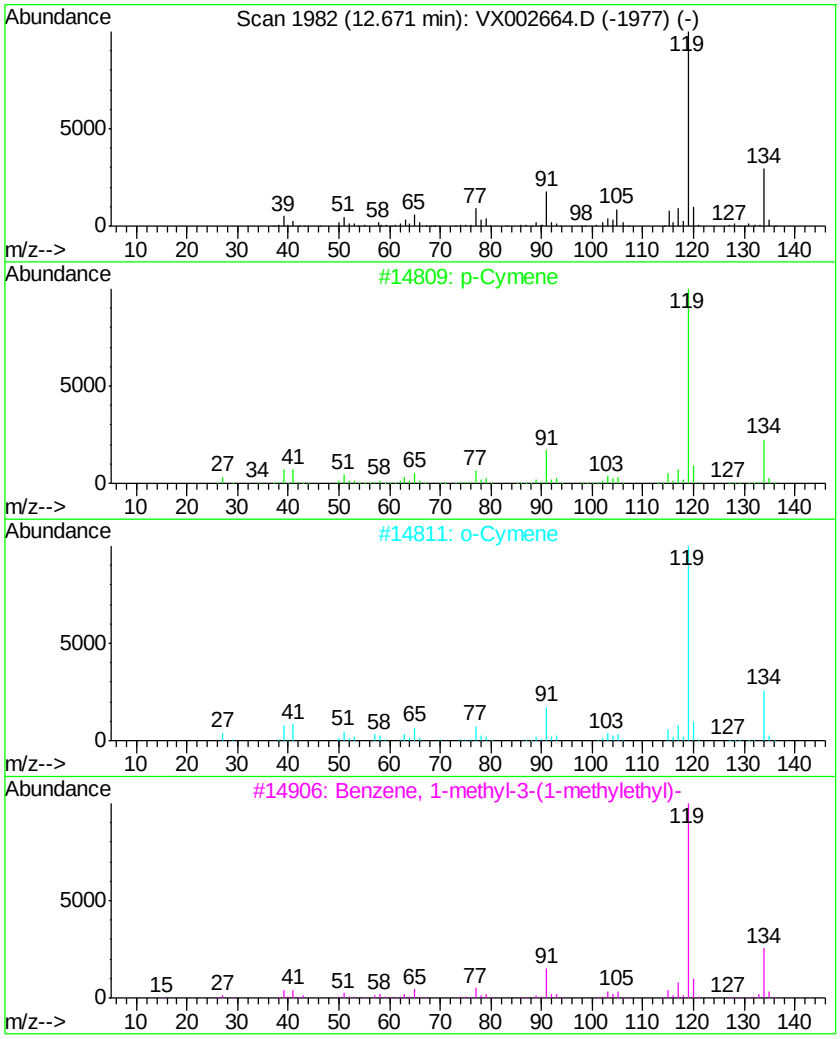
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

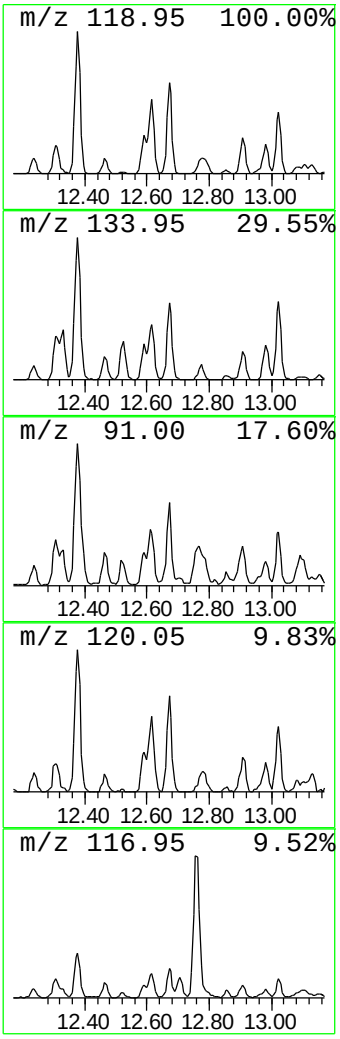
****

Peak Number 3 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	5.69 ug/l	115705	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Library Search Compound Report

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ClientSampleId : MW-5_061218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260

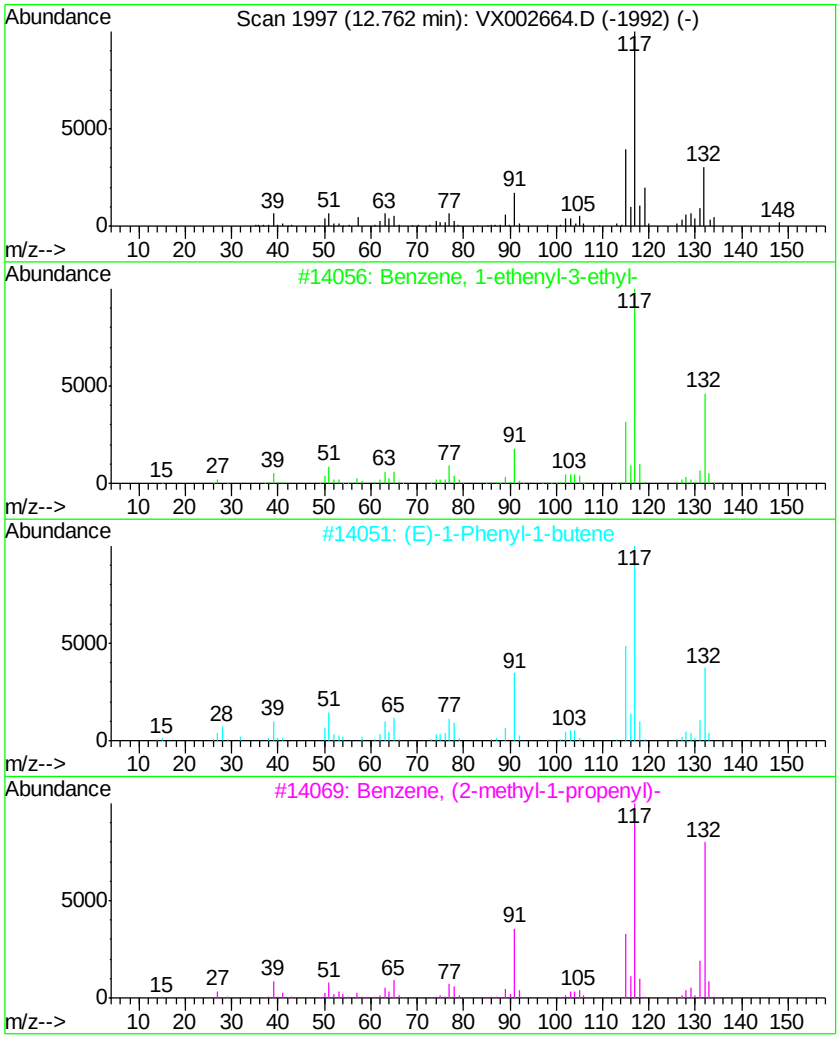
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

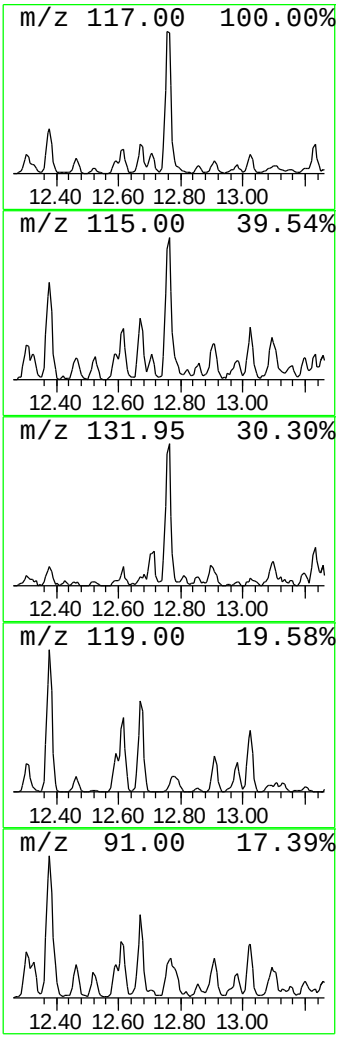
****

Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	5.83 ug/l	118620	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	87
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76





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-ethyl-...	12.38	11.8	ug/l	240084	4	12.08	1017360	50.0
p-Cymene	12.67	5.7	ug/l	115705	4	12.08	1017360	50.0
Benzene, 1-etheny...	12.76	5.8	ug/l	118620	4	12.08	1017360	50.0