LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
Data File : VF060103.D
Acq On : 24 Aug 2018 16:43
Operator : VA/AP
Sample : J4581-20
Misc : 5.58g/5mL/MSVOA F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EP1-Q3-D4

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_F\METHODS\82F082118S.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	1.092	54	57	59	rVB2	10518	13956	1.72%	0.210%
2	1.378	79	86	89	rBV7	5568	16804	2.07%	0.253%
3	2.275	173	177	187	rVB2	15294	38482	4.74%	0.580%
4	4.286	372	381	388	rBV	109539	332347	40.97%	5.009%
5	5.025	447	456	470	rBV2	204566	748793	92.32%	11.286%
6	5.626	510	517	524	rVB6	2711	10066	1.24%	0.152%
7	5.755	524	530	542	rBV	228129	610789	75.30%	9.206%
8	7.706	721	728	739	rBV	290977	697657	86.01%	10.516%
9	8.298	780	788	797	rBV	76801	190065	23.43%	2.865%
10	9.904	946	951	961	rBV	342310	792910	97.75%	11.951%
11	10.023	961	963	969	rVB2	6535	14030	1.73%	0.211%
12	10.259	982	987	993	rVB	11866	26837	3.31%	0.405%
13	10.821	1037	1044	1050	rBV	29156	59905	7.39%	0.903%
14	11.501	1109	1113	1120	rVV	349260	593846	73.21%	8.951%
15	11.639	1124	1127	1129	rVV2	4151	8542	1.05%	0.129%
16	11.689	1129	1132	1134	rVV	9128	16737	2.06%	0.252%
17	11.807	1139	1144	1150	rVB	57451	108431	13.37%	1.634%
18	11.905	1150	1154	1158	rBV	34901	53196	6.56%	0.802%
19	12.103	1168	1174	1181	rVB	38872	62567	7.71%	0.943%
20	12.280	1188	1192	1196	rVB	31762	49084	6.05%	0.740%
21	12.379	1198	1202	1206	rVB3	6936	13839	1.71%	0.209%
22	12.507	1211	1215	1216	rBV	8193	12482	1.54%	0.188%
23	12.625	1223	1227	1231	rBV	568231	811126	100.00%	12.226%
24	12.684	1231	1233	1237	rVV	79350	108834	13.42%	1.640%
25	12.793	1241	1244	1247	rVV3	37657	72134	8.89%	1.087%
26	12.842	1247	1249	1251	rVV	26781	46769	5.77%	0.705%
27	12.901	1251	1255	1260	rVB4	53243	117225	14.45%	1.767%
28	13.009	1260	1266	1269	rBV2	14016	28735	3.54%	0.433%
29	13.078	1269	1273	1276	rVB	13831	25552	3.15%	0.385%
30	13.157	1276	1281	1285	rBV	25965	61466	7.58%	0.926%
31	13.216	1285	1287	1292	rVV2	69416	130742	16.12%	1.971%
32	13.295	1292	1295	1299	rVV	42834	74216	9.15%	1.119%
33	13.354	1299	1301	1304	rVV	10843	20909	2.58%	0.315%
34	13.453	1308	1311	1312	rVV	6349	8661	1.07%	0.131%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Title : SW846 8260

35	13.483	1312	1314	1319	rVV	15573	23121	2.85%	0.348%
36	13.561	1319	1322	1324	rVV	40347	53025	6.54%	0.799%
37	13.601	1324	1326	1329	rVV	31281	50489	6.22%	0.761%
38	13.640	1329	1330	1332	rVV	18975	20583	2.54%	0.310%
39	13.709	1335	1337	1340	rVV4	6489	10258	1.26%	0.155%
40	13.768	1340	1343	1346	rVV2	40104	62300	7.68%	0.939%
41	13.818	1346	1348	1351	rVV4	8408	13141	1.62%	0.198%
42	13.867	1351	1353	1355	rVV3	8409	11853	1.46%	0.179%
43	13.916	1355	1358	1363	rVV2	73070	151116	18.63%	2.278%
44	13.975	1363	1364	1367	rVV2	12276	14666	1.81%	0.221%
45	14.035	1367	1370	1375	rVB4	12027	20793	2.56%	0.313%
46	14.143	1375	1381	1384	rBV2	21092	43164	5.32%	0.651%
47	14.212	1384	1388	1391	rVV4	21598	50829	6.27%	0.766%
48	14.281	1391	1395	1401	rVB2	27690	53879	6.64%	0.812%
49	14.557	1422	1423	1427	rVB3	8360	8564	1.06%	0.129%
50	14.656	1430	1433	1435	rVV2	8011	11156	1.38%	0.168%
51	14.754	1438	1443	1445	rBV4	9887	23732	2.93%	0.358%
52	14.794	1445	1447	1451	rVB	10869	16412	2.02%	0.247%
53	15.217	1488	1490	1497	rVB7	3078	8366	1.03%	0.126%
54	15.878	1554	1557	1561	rBV5	4443	9297	1.15%	0.140%

Sum of corrected areas: 6634478

LSC Report - Integrated Chromatogram

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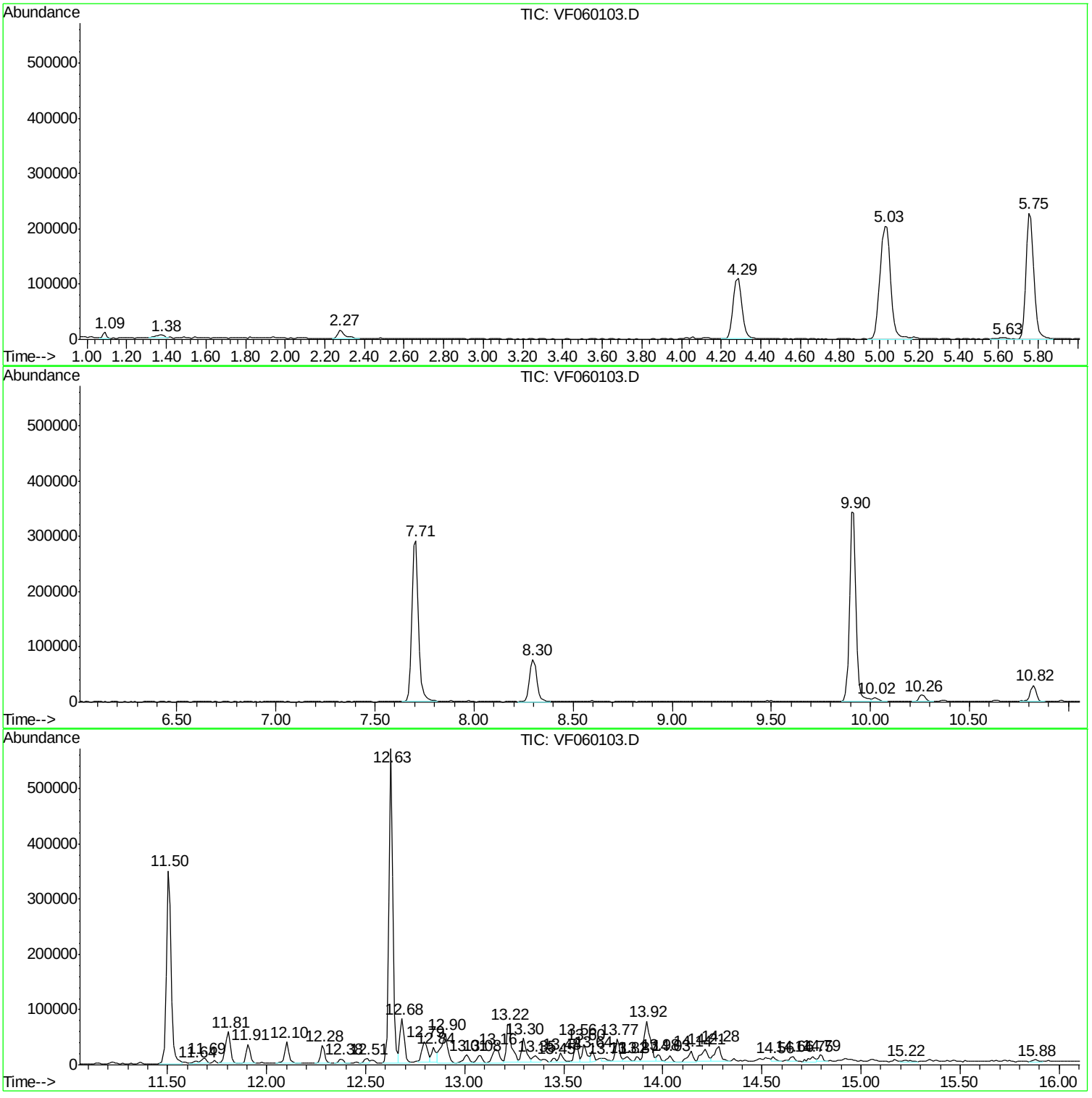
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EP1-Q3-D4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Quant Title : SW846 8260

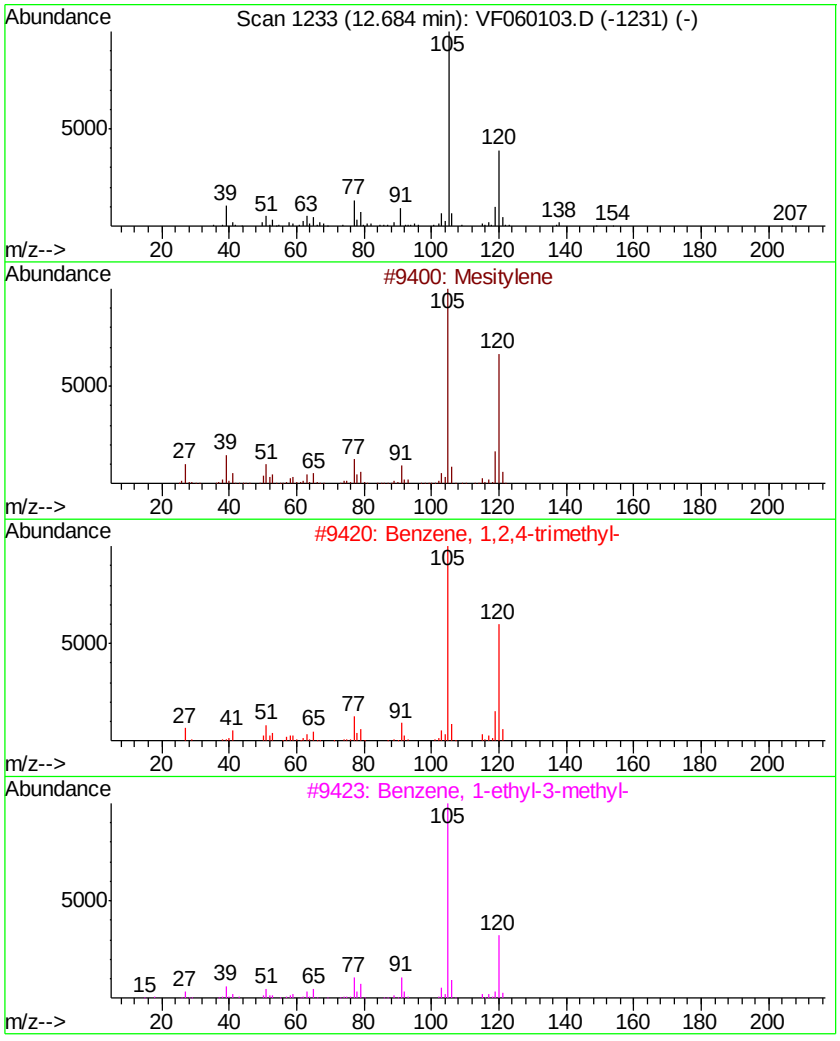
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

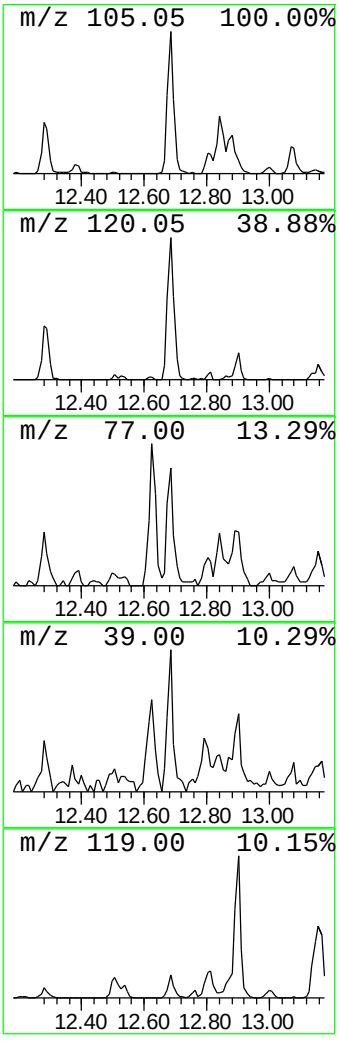
****

Peak Number 1 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	6.71 ug/l	108834	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





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ClientSampleId : EP1-Q3-D4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

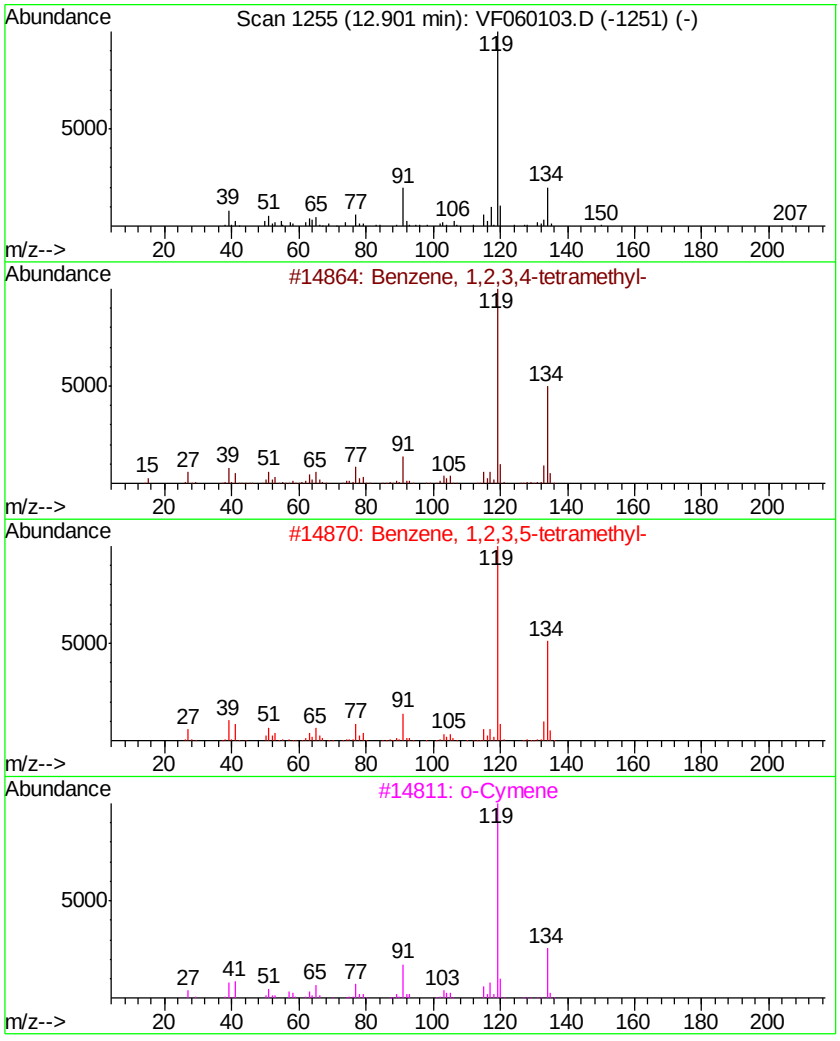
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

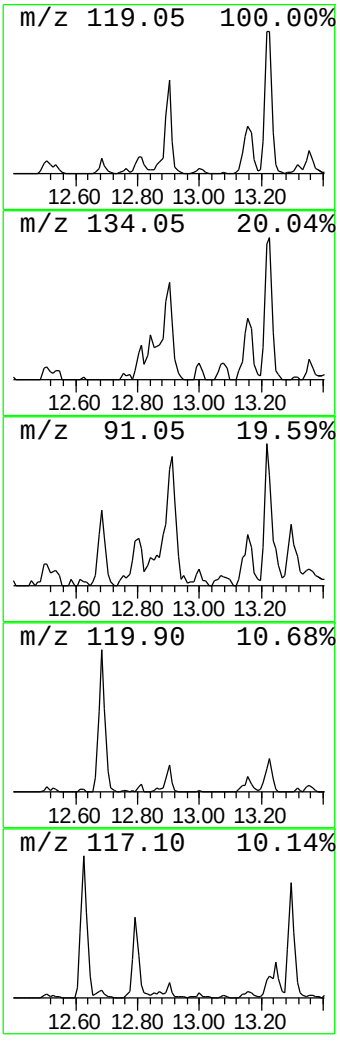
****

Peak Number 2 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	7.23 ug/l	117225	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
3	o-Cymene	134	C10H14	000527-84-4	87
4	p-Cymene	134	C10H14	000099-87-6	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86





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Quant Title : SW846 8260

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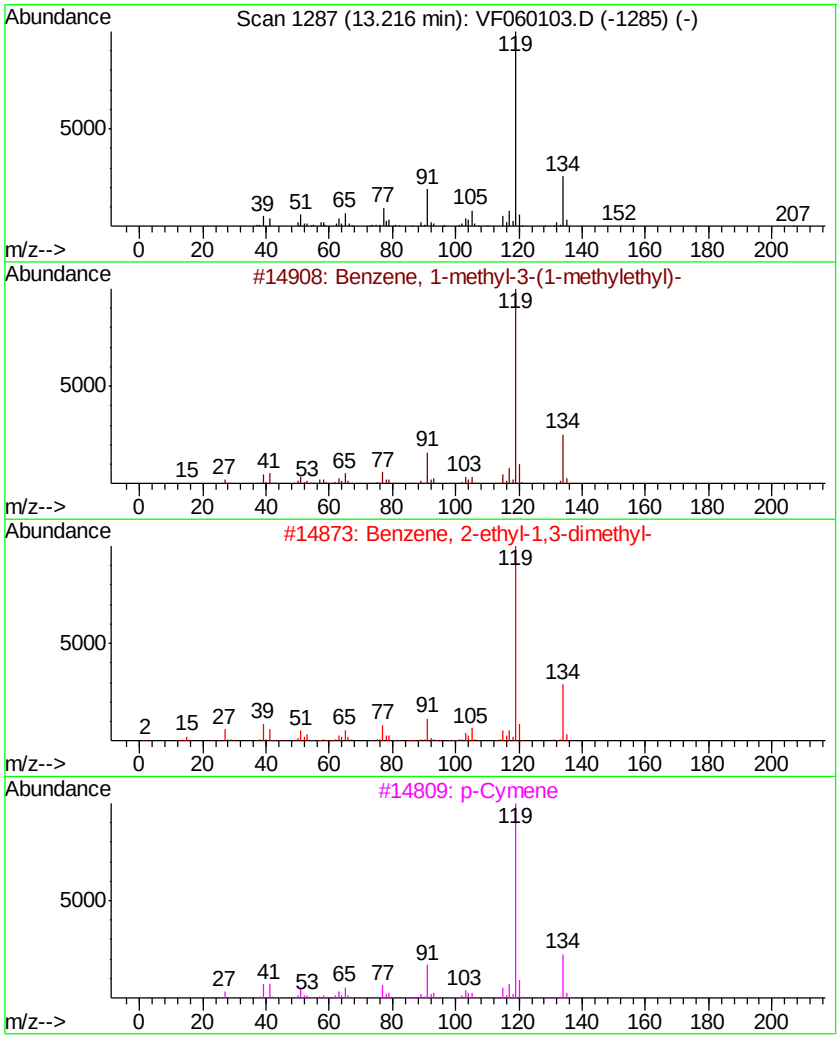
TIC Integration Parameters: LSCINT.P

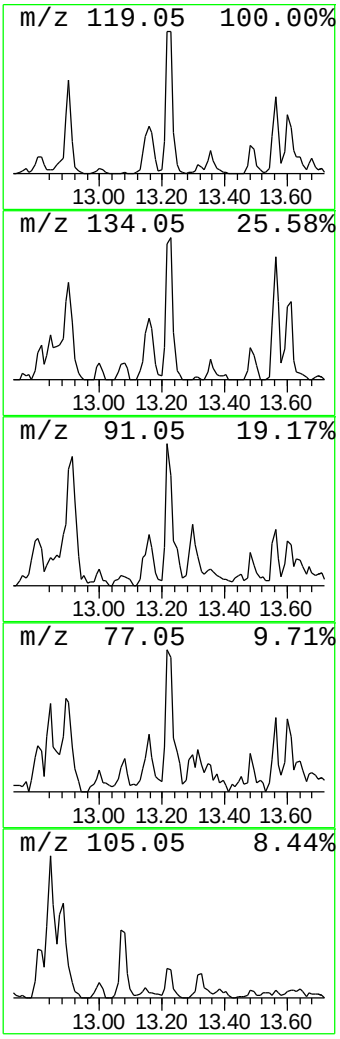
****

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	8.06 ug/l	130742	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3	p-Cymene	134	C10H14	000099-87-6	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

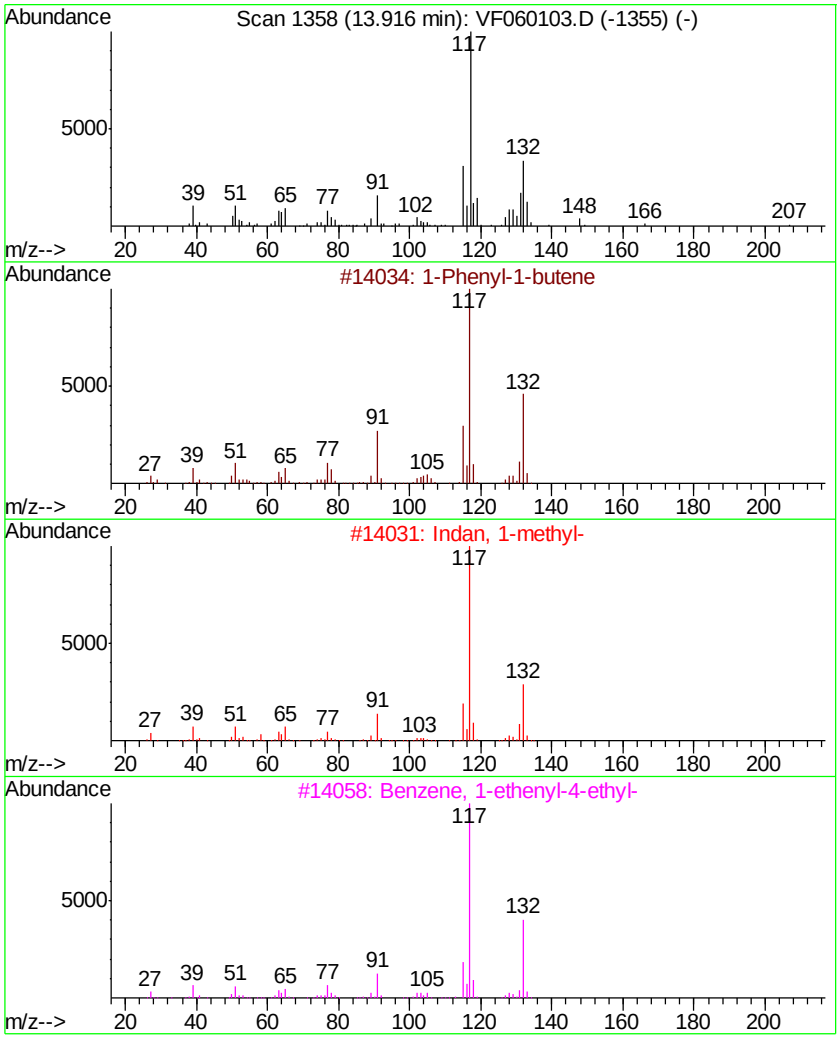
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

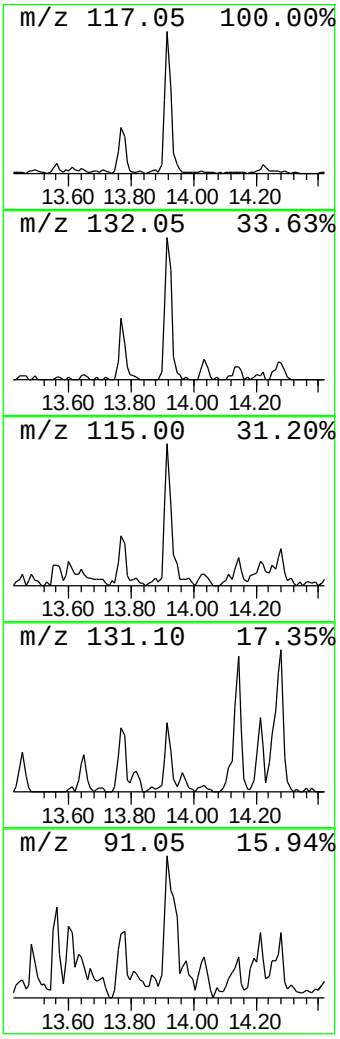
****

Peak Number 4 1-Phenyl-1-butene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	9.32 ug/l	151116	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Mesitylene	12.68	6.7	ug/l	108834	4	12.63	811126	50.0
Benzene, 1,2,3,4-...	12.90	7.2	ug/l	117225	4	12.63	811126	50.0
Benzene, 1-methyl...	13.22	8.1	ug/l	130742	4	12.63	811126	50.0
1-Phenyl-1-butene	13.92	9.3	ug/l	151116	4	12.63	811126	50.0