LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
Data File : VW011300.D
Acq On : 17 Jul 2019 10:54
Operator : SY/VA
Sample : K3770-06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : X2H36

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.007	12	17	36	rVB	31696	82313	6.16%	0.318%
2	2.355	67	74	87	rVB2	150035	298800	22.34%	1.154%
3	2.635	116	120	128	rVB10	3804	6989	0.52%	0.027%
4	2.885	153	161	163	rBV	57256	122801	9.18%	0.474%
5	3.282	224	226	229	rBV3	684	566	0.04%	0.002%
6	3.391	242	244	249	rVB5	665	662	0.05%	0.003%
7	3.538	266	268	273	rVB4	769	826	0.06%	0.003%
8	3.653	282	287	289	rBV4	533	763	0.06%	0.003%
9	3.812	303	313	323	rBV2	12798	36171	2.70%	0.140%
10	4.019	334	347	356	rBV2	206938	762350	57.01%	2.943%
11	4.117	357	363	383	rVB	167399	469702	35.12%	1.813%
12	4.379	395	406	423	rVV	138065	439472	32.86%	1.697%
13	4.915	479	494	518	rVV	183533	725900	54.28%	2.802%
14	5.257	549	550	557	rVB2	369	612	0.05%	0.002%
15	5.415	562	576	590	rBV2	215220	647119	48.39%	2.498%
16	5.738	625	629	630	rVV3	506	690	0.05%	0.003%
17	5.934	653	661	670	rVB4	3178	9266	0.69%	0.036%
18	6.208	695	706	719	rBV	68714	210565	15.75%	0.813%
19	6.324	724	725	730	rVB4	547	723	0.05%	0.003%
20	6.982	830	833	838	rVB3	695	1113	0.08%	0.004%
21	7.074	838	848	854	rBV2	51542	145276	10.86%	0.561%
22	7.165	854	863	877	rVB	288306	792906	59.29%	3.061%
23	7.330	889	890	893	rVB2	951	620	0.05%	0.002%
24	7.506	908	919	931	rBV	266463	664739	49.71%	2.566%
25	7.647	931	942	958	rVB3	239247	781426	58.43%	3.017%
26	7.750	958	959	965	rVB2	1020	757	0.06%	0.003%
27	7.866	965	978	989	rBV	366671	919745	68.78%	3.551%
28	8.067	1001	1011	1025	rVB	130850	328714	24.58%	1.269%
29	8.268	1033	1044	1060	rBV2	441348	1323793	98.99%	5.111%
30	8.671	1104	1110	1119	rVB4	3572	7782	0.58%	0.030%
31	8.842	1128	1138	1148	rBV	458762	901216	67.39%	3.479%
32	9.091	1167	1179	1190	rBV	474480	931422	69.65%	3.596%
33	9.274	1200	1209	1217	rVV	309540	630310	47.13%	2.433%
34	9.366	1217	1224	1232	rVV	294829	583183	43.61%	2.251%

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Sample : K3770-06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : X2H36

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

35	9.439	1232	1236	1246	rVB	12411	26348	1.97%	0.102%
36	9.640	1260	1269	1276	rBV	125570	243006	18.17%	0.938%
37	9.890	1304	1310	1315	rVV2	2135	3766	0.28%	0.015%
38	9.982	1323	1325	1326	rVV2	751	634	0.05%	0.002%
39	10.036	1326	1334	1337	rVV	167360	338395	25.30%	1.306%
40	10.073	1337	1340	1346	rVV	162218	260205	19.46%	1.005%
41	10.140	1347	1351	1356	rVV	13377	26391	1.97%	0.102%
42	10.207	1356	1362	1373	rVV	270128	478274	35.76%	1.846%
43	10.323	1373	1381	1388	rVV	609216	1070187	80.03%	4.132%
44	10.384	1388	1391	1398	rVV3	4934	9962	0.74%	0.038%
45	10.481	1405	1407	1411	rVV4	451	607	0.05%	0.002%
46	10.603	1415	1427	1437	rBV2	276209	667953	49.95%	2.579%
47	10.701	1437	1443	1450	rVV	44456	84390	6.31%	0.326%
48	10.786	1450	1457	1463	rVV	131574	228090	17.06%	0.881%
49	10.859	1463	1469	1475	rVV	373009	642107	48.02%	2.479%
50	10.920	1475	1479	1483	rVV	191782	329900	24.67%	1.274%
51	10.969	1483	1487	1498	rVV	304499	501612	37.51%	1.937%
52	11.061	1498	1502	1507	rVV	18682	34650	2.59%	0.134%
53	11.128	1507	1513	1520	rVV	103563	181436	13.57%	0.700%
54	11.231	1524	1530	1539	rVB	102375	183867	13.75%	0.710%
55	11.439	1559	1564	1569	rVB2	8108	13311	1.00%	0.051%
56	11.548	1579	1582	1586	rVB6	443	664	0.05%	0.003%
57	11.628	1586	1595	1603	rBV	621583	1056208	78.98%	4.078%
58	11.731	1604	1612	1620	rVB	412265	712025	53.24%	2.749%
59	11.835	1624	1629	1632	rBV5	2297	3929	0.29%	0.015%
60	11.957	1647	1649	1652	rVB3	539	568	0.04%	0.002%
61	12.182	1676	1686	1696	rBV	596924	948144	70.90%	3.660%
62	12.347	1706	1713	1721	rBV	105357	180504	13.50%	0.697%
63	12.475	1727	1734	1741	rVB6	4652	9897	0.74%	0.038%
64	12.609	1750	1756	1763	rBV	44276	72656	5.43%	0.280%
65	12.713	1763	1773	1781	rBV3	313728	834905	62.43%	3.223%
66	12.810	1786	1789	1792	rVB3	685	774	0.06%	0.003%
67	12.871	1795	1799	1801	rBV5	842	1000	0.07%	0.004%
68	12.938	1804	1810	1817	rVB3	9162	15887	1.19%	0.061%
69	13.018	1822	1823	1829	rVB4	566	854	0.06%	0.003%
70	13.072	1830	1832	1834	rBV2	566	608	0.05%	0.002%
71	13.103	1834	1837	1842	rVB2	4578	6209	0.46%	0.024%

LSC Area Percent Report

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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : X2H36

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

72	13.158	1842	1846	1849	rBV3	626	926	0.07%	0.004%
73	13.194	1849	1852	1854	rBV	1045	1078	0.08%	0.004%
74	13.249	1854	1861	1874	rVB	855175	1337274	100.00%	5.163%
75	13.371	1877	1881	1882	rBV3	880	921	0.07%	0.004%
76	13.408	1882	1887	1892	rVB5	2984	5273	0.39%	0.020%
77	13.499	1894	1902	1907	rVV	658240	1051728	78.65%	4.060%
78	13.560	1907	1912	1926	rVB	651600	1048837	78.43%	4.049%
79	13.719	1936	1938	1940	rBV2	544	672	0.05%	0.003%
80	13.767	1940	1946	1948	rVV4	2081	3381	0.25%	0.013%
81	13.853	1953	1960	1968	rBV	520264	859299	64.26%	3.317%
82	14.017	1983	1987	1989	rBV5	706	1346	0.10%	0.005%
83	14.072	1991	1996	2007	rVB	22231	39842	2.98%	0.154%
84	14.200	2012	2017	2019	rBV3	843	1256	0.09%	0.005%
85	14.334	2033	2039	2053	rVB4	4658	9816	0.73%	0.038%
86	14.487	2056	2064	2074	rBV	131471	220212	16.47%	0.850%
87	14.633	2084	2088	2092	rBV7	2192	3736	0.28%	0.014%
88	14.688	2095	2097	2100	rBV3	709	932	0.07%	0.004%
89	14.712	2100	2101	2103	rBV2	658	642	0.05%	0.002%
90	14.853	2119	2124	2126	rBV3	609	1050	0.08%	0.004%
91	15.139	2165	2171	2175	rVV7	1916	3897	0.29%	0.015%
92	15.188	2175	2179	2180	rVV3	990	1288	0.10%	0.005%
93	15.231	2183	2186	2189	rVV3	605	760	0.06%	0.003%
94	15.304	2196	2198	2201	rVB3	756	667	0.05%	0.003%
95	15.377	2207	2210	2212	rBV4	976	1178	0.09%	0.005%
96	15.444	2215	2221	2226	rVV3	13454	22693	1.70%	0.088%
97	15.499	2227	2230	2233	rVV2	2432	3702	0.28%	0.014%
98	15.560	2233	2240	2249	rVB	152683	279382	20.89%	1.079%
99	15.706	2261	2264	2268	rBV6	560	909	0.07%	0.004%
100	16.054	2318	2321	2324	rVB4	531	775	0.06%	0.003%

Sum of corrected areas: 25902687

LSC Report - Integrated Chromatogram

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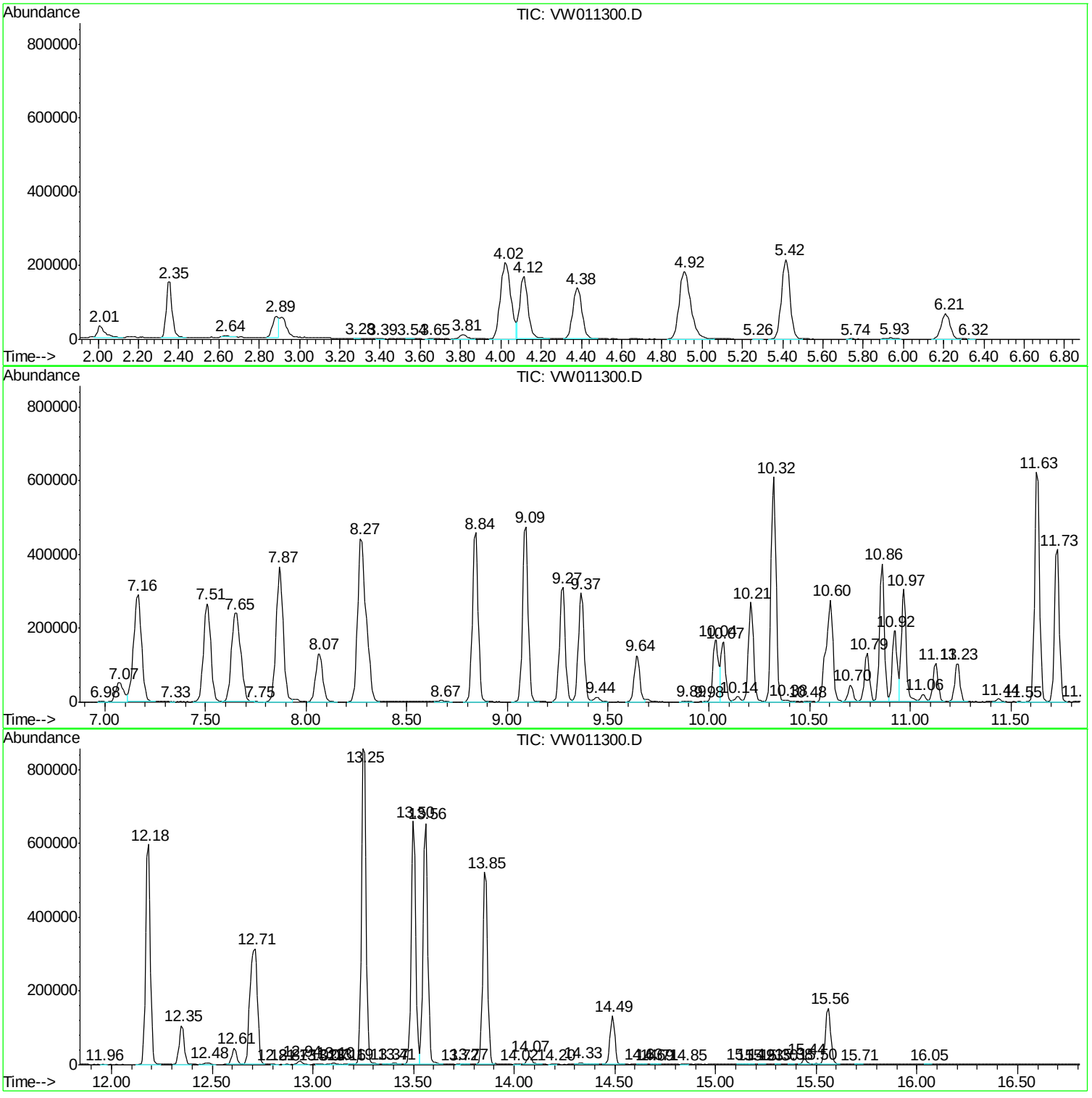
Sample : K3770-06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : X2H36

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : X2H36

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

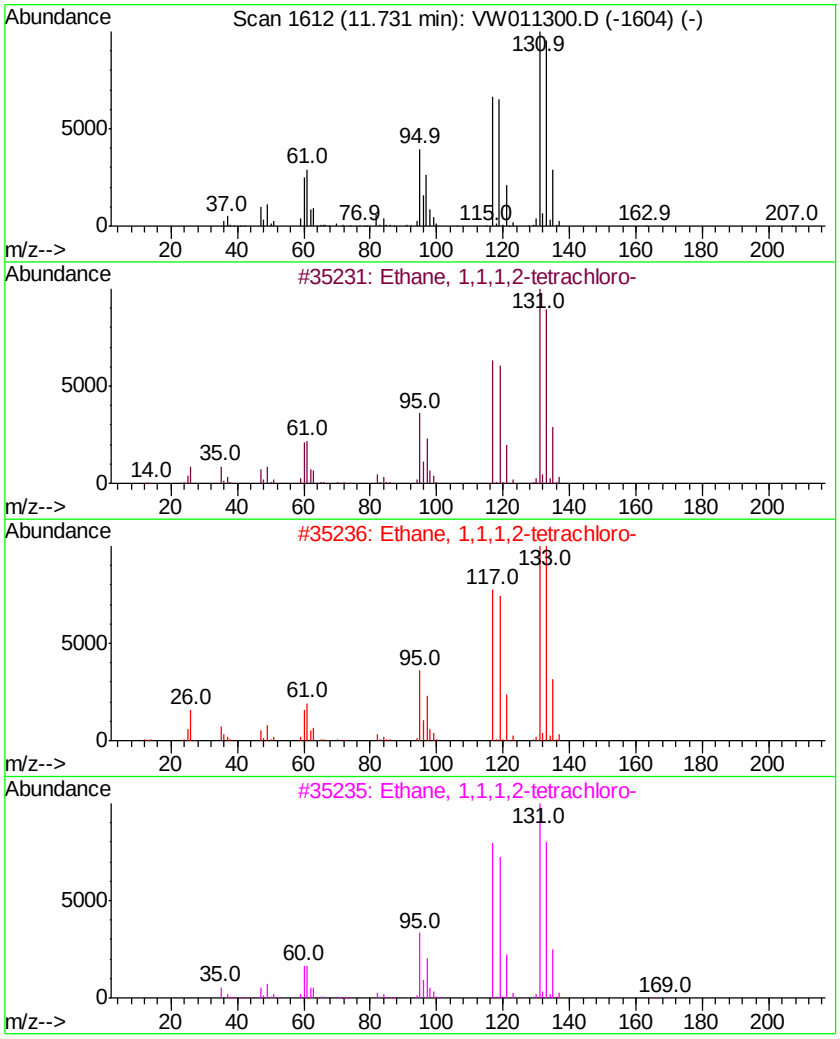
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

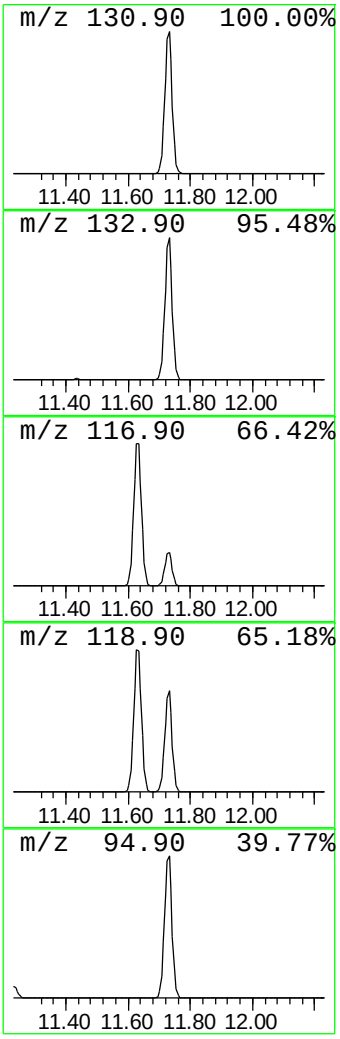
****

Peak Number 2 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	16.85 ug/L	712025	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	90
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	86
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	72
5	Carbon Tetrachloride	152	CCl4	000056-23-5	11





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071719\
Data File : VW011300.D
Acq On : 17 Jul 2019 10:54
Operator : SY/VA
Sample : K3770-06
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : X2H36

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

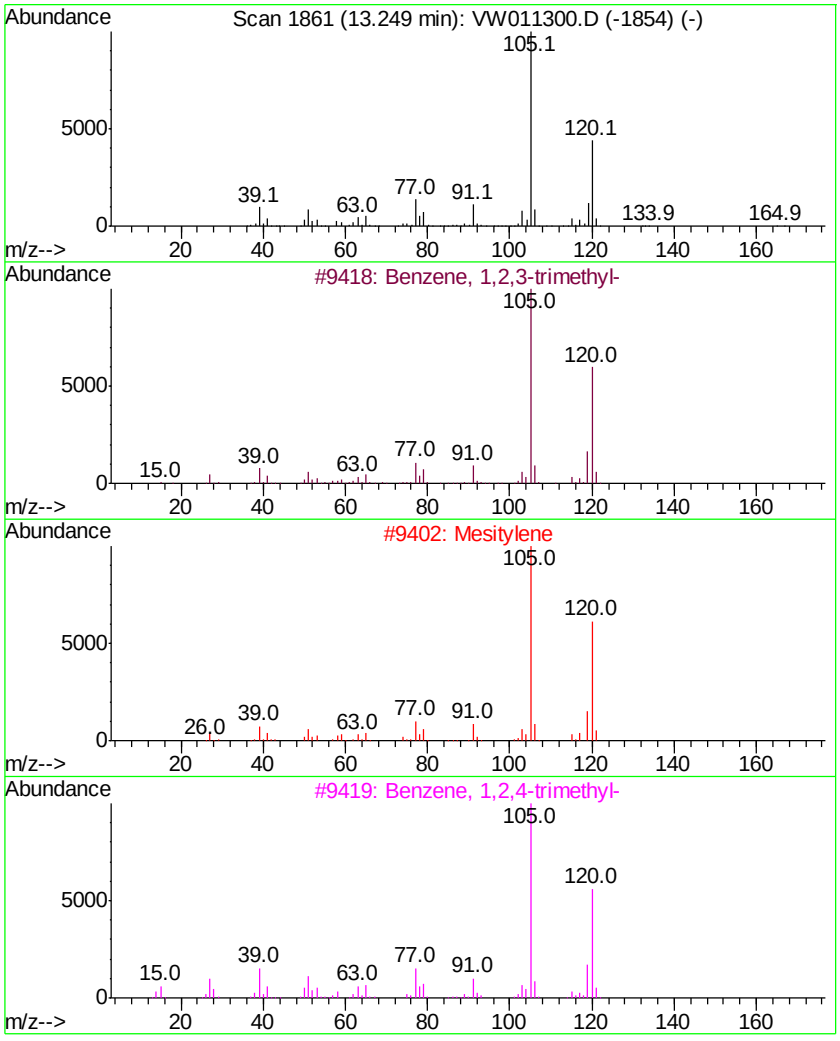
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

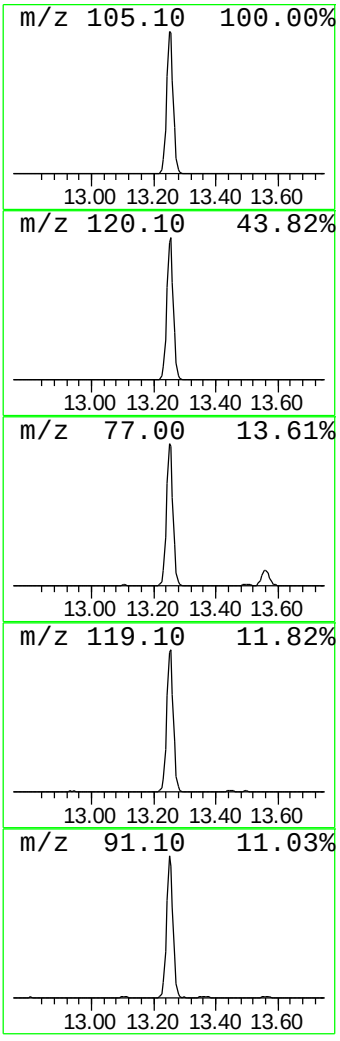
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	31.88 ug/L	1337270	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1,1,2-t...	11.73	16.9	ug/L	712025	2	11.63	1056210	25.0
Benzene, 1,2,3-tr...	13.25	31.9	ug/L	1337270	3	13.56	1048840	25.0