LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\
Data File : VU033222.D
Acq On : 12 Jul 2019 15:26
Operator : JC/SP
Sample : K3760-24
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8W4

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_U\METHOD\SOMULM071219WMA.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	1.196	26	33	52	rVB	110941	121602	9.28%	0.546%
2	1.283	55	60	65	rVV	23768	23226	1.77%	0.104%
3	1.318	65	71	83	rVB	107532	116699	8.90%	0.524%
4	1.392	85	94	111	rBV2	396516	453535	34.60%	2.035%
5	1.595	131	157	167	rBV2	215467	337788	25.77%	1.516%
6	1.649	167	174	178	rBV	129324	165516	12.63%	0.743%
7	1.865	231	241	255	rBV	315198	441560	33.69%	1.981%
8	2.260	351	364	380	rBV5	676795	1237298	94.40%	5.552%
9	2.392	399	405	415	rVB4	1664	2846	0.22%	0.013%
10	2.473	428	430	436	rVB3	592	493	0.04%	0.002%
11	2.566	457	459	463	rVV3	415	270	0.02%	0.001%
12	2.595	465	468	474	rVV5	441	413	0.03%	0.002%
13	2.678	482	494	523	rVB	217811	392357	29.94%	1.760%
14	2.778	523	525	530	rBV3	450	333	0.03%	0.001%
15	2.958	569	581	597	rBV2	112595	205914	15.71%	0.924%
16	3.119	628	631	633	rBV3	475	290	0.02%	0.001%
17	3.264	671	676	681	rBV2	463	473	0.04%	0.002%
18	3.315	687	692	697	rBV2	243	321	0.02%	0.001%
19	3.418	707	724	747	rBV	238899	530939	40.51%	2.382%
20	3.762	828	831	834	rVB2	388	280	0.02%	0.001%
21	3.948	887	889	896	rVV3	298	332	0.03%	0.001%
22	4.151	940	952	954	rBV	90945	141737	10.81%	0.636%
23	4.521	1052	1067	1083	rBV2	147272	341507	26.06%	1.532%
24	4.640	1084	1104	1130	rVB4	317413	1032559	78.78%	4.633%
25	4.775	1143	1146	1150	rVB2	684	385	0.03%	0.002%
26	4.887	1164	1181	1201	rBV	94748	231051	17.63%	1.037%
27	5.109	1232	1250	1270	rBV	266251	614988	46.92%	2.759%
28	5.315	1290	1314	1321	rBV2	380261	1089402	83.12%	4.888%
29	5.370	1324	1331	1355	rVB4	588087	1310649	100.00%	5.881%
30	5.537	1378	1383	1384	rBV2	396	340	0.03%	0.002%
31	5.566	1390	1392	1396	rVB4	510	281	0.02%	0.001%
32	5.588	1396	1399	1402	rVB3	613	389	0.03%	0.002%
33	5.608	1402	1405	1409	rBV3	449	416	0.03%	0.002%
34	5.665	1418	1423	1424	rBV3	986	669	0.05%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\
Data File : VU033222.D
Acq On : 12 Jul 2019 15:26
Operator : JC/SP
Sample : K3760-24
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8W4

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_U\METHOD\SOMULM071219WMA.M
Title : VOC Analysis

35	5.688	1424	1430	1450	rVB5	3170	6394	0.49%	0.029%
36	5.862	1467	1484	1512	rBV	380276	750010	57.22%	3.365%
37	6.006	1526	1529	1530	rBV	621	269	0.02%	0.001%
38	6.164	1559	1578	1606	rBV	556330	1071178	81.73%	4.806%
39	6.308	1609	1623	1641	rVV	247911	497094	37.93%	2.230%
40	6.411	1641	1655	1680	rVV	241909	475489	36.28%	2.133%
41	6.579	1703	1707	1709	rBV2	558	425	0.03%	0.002%
42	6.736	1741	1756	1774	rBV	96423	180123	13.74%	0.808%
43	6.871	1785	1798	1810	rBV2	7646	15679	1.20%	0.070%
44	7.074	1856	1861	1867	rBV5	480	562	0.04%	0.003%
45	7.209	1890	1903	1909	rBV	151734	261506	19.95%	1.173%
46	7.251	1910	1916	1939	rVB	151199	266569	20.34%	1.196%
47	7.373	1945	1954	1969	rBV	16561	32497	2.48%	0.146%
48	7.546	1994	2008	2028	rBV	521813	900275	68.69%	4.039%
49	7.833	2082	2097	2098	rBV	120523	136748	10.43%	0.614%
50	7.861	2101	2106	2131	rVB	306826	482857	36.84%	2.166%
51	7.984	2142	2144	2149	rBV2	577	530	0.04%	0.002%
52	8.048	2152	2164	2183	rVB	193316	330007	25.18%	1.481%
53	8.209	2201	2214	2230	rBV	613232	1020856	77.89%	4.580%
54	8.296	2230	2241	2273	rVB	327995	566814	43.25%	2.543%
55	8.460	2279	2292	2308	rVB	198850	334560	25.53%	1.501%
56	8.569	2314	2326	2345	rVB	113559	191568	14.62%	0.860%
57	8.678	2355	2360	2363	rVB2	313	331	0.03%	0.001%
58	8.865	2415	2418	2420	rBV3	461	301	0.02%	0.001%
59	8.984	2452	2455	2458	rBV2	422	309	0.02%	0.001%
60	9.070	2468	2482	2506	rBV	580074	952676	72.69%	4.274%
61	9.189	2507	2519	2544	rVB	441733	731793	55.83%	3.283%
62	9.315	2554	2558	2561	rVB2	446	366	0.03%	0.002%
63	9.334	2561	2564	2566	rBV3	331	254	0.02%	0.001%
64	9.350	2566	2569	2572	rBV4	276	251	0.02%	0.001%
65	9.472	2604	2607	2611	rVV3	554	489	0.04%	0.002%
66	9.540	2623	2628	2631	rBV2	507	362	0.03%	0.002%
67	9.620	2651	2653	2657	rVB3	365	255	0.02%	0.001%
68	9.681	2669	2672	2677	rBV	518	530	0.04%	0.002%
69	9.704	2677	2679	2684	rVB3	432	319	0.02%	0.001%
70	9.771	2694	2700	2704	rBV3	445	498	0.04%	0.002%
71	9.826	2713	2717	2719	rBV2	430	300	0.02%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\
Data File : VU033222.D
Acq On : 12 Jul 2019 15:26
Operator : JC/SP
Sample : K3760-24
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8W4

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_U\METHOD\SOMULM071219WMA.M
Title : VOC Analysis

72	9.839	2719	2721	2728	rVB2	430	398	0.03%	0.002%
73	9.942	2741	2753	2777	rBV	218476	357631	27.29%	1.605%
74	10.045	2782	2785	2791	rVB4	561	514	0.04%	0.002%
75	10.141	2810	2815	2818	rBV3	440	498	0.04%	0.002%
76	10.418	2888	2901	2905	rBV	401500	663582	50.63%	2.977%
77	10.546	2937	2941	2945	rBV	275	312	0.02%	0.001%
78	10.591	2951	2955	2956	rBV3	712	482	0.04%	0.002%
79	10.646	2969	2972	2976	rVB2	423	315	0.02%	0.001%
80	10.672	2976	2980	2983	rBV2	336	318	0.02%	0.001%
81	10.726	2994	2997	3000	rVB3	434	247	0.02%	0.001%
82	10.758	3002	3007	3013	rVB5	1071	1277	0.10%	0.006%
83	10.958	3063	3069	3077	rVB3	2452	3462	0.26%	0.016%
84	11.086	3102	3109	3112	rBV5	2060	2459	0.19%	0.011%
85	11.135	3112	3124	3145	rVB	787532	1174405	89.60%	5.269%
86	11.266	3162	3165	3167	rBV3	421	316	0.02%	0.001%
87	11.308	3176	3178	3183	rVB3	858	516	0.04%	0.002%
88	11.402	3202	3207	3216	rBV4	1784	2702	0.21%	0.012%
89	11.469	3216	3228	3250	rBV	622387	979428	74.73%	4.395%
90	11.845	3332	3345	3369	rBV	542992	860176	65.63%	3.859%
91	12.469	3533	3539	3547	rVB4	688	947	0.07%	0.004%
92	12.643	3581	3593	3611	rBV	137465	226606	17.29%	1.017%
93	12.829	3649	3651	3654	rVB3	607	355	0.03%	0.002%
94	12.877	3663	3666	3671	rBV4	689	797	0.06%	0.004%
95	12.993	3700	3702	3705	rBV4	422	287	0.02%	0.001%
96	13.279	3787	3791	3793	rBV2	366	287	0.02%	0.001%
97	13.366	3815	3818	3822	rBV3	424	290	0.02%	0.001%
98	13.935	3993	3995	4001	rVB3	650	374	0.03%	0.002%
99	13.983	4006	4010	4011	rBV2	611	403	0.03%	0.002%
100	14.128	4053	4055	4058	rVB2	461	264	0.02%	0.001%

Sum of corrected areas: 22287550

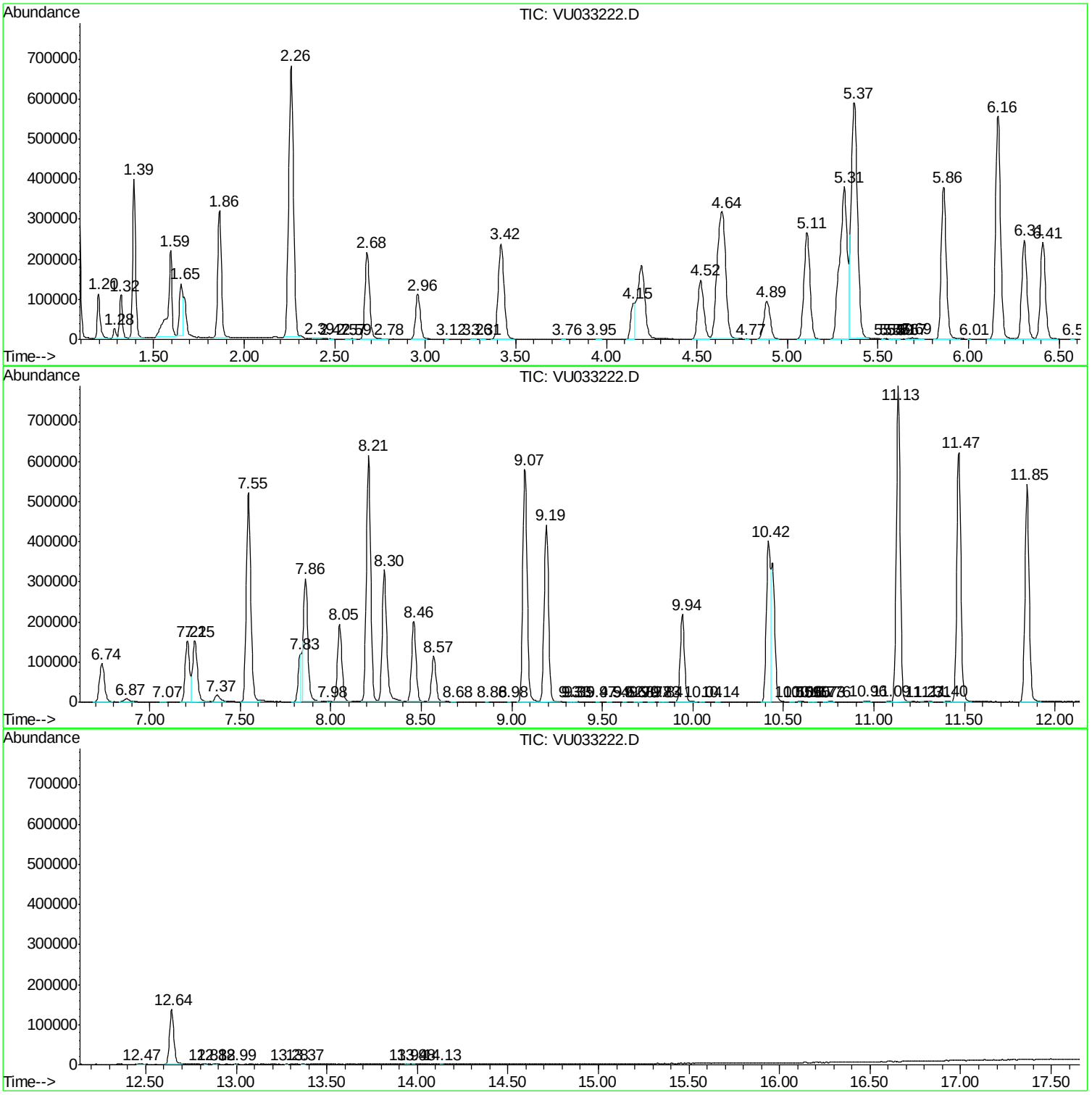
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\
Data File : VU033222.D
Acq On : 12 Jul 2019 15:26
Operator : JC/SP
Sample : K3760-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8W4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\
Data File : VU033222.D
Acq On : 12 Jul 2019 15:26
Operator : JC/SP
Sample : K3760-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8W4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

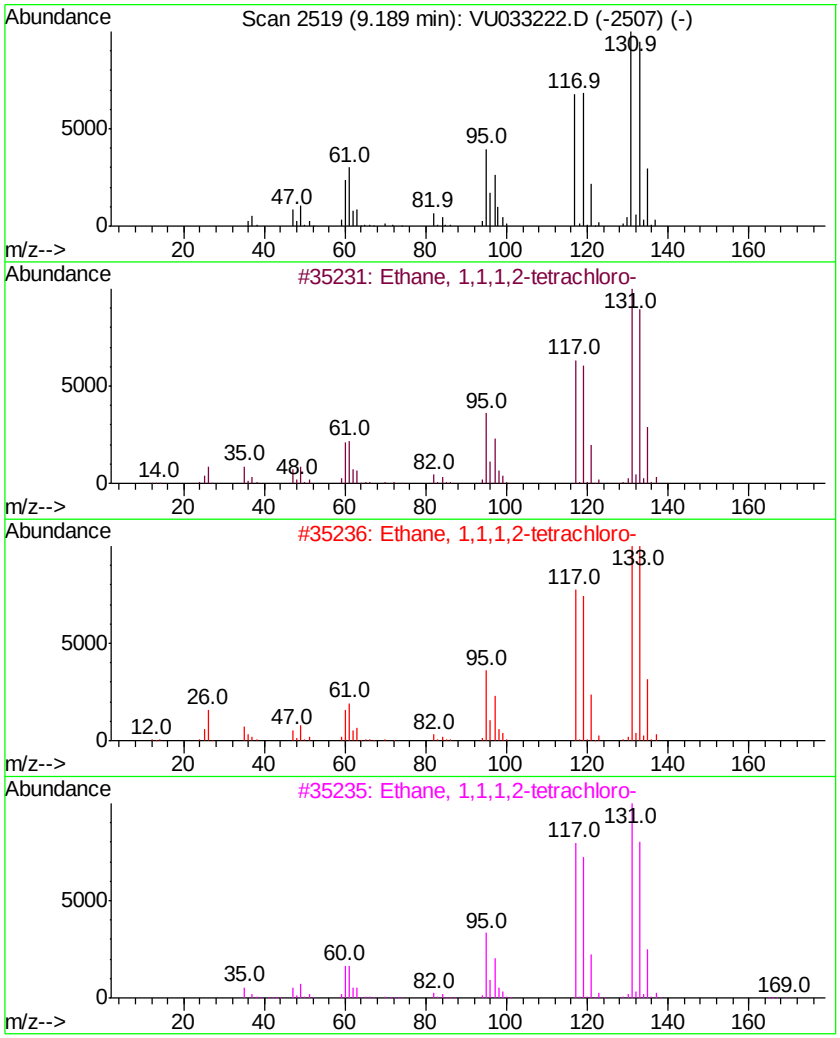
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

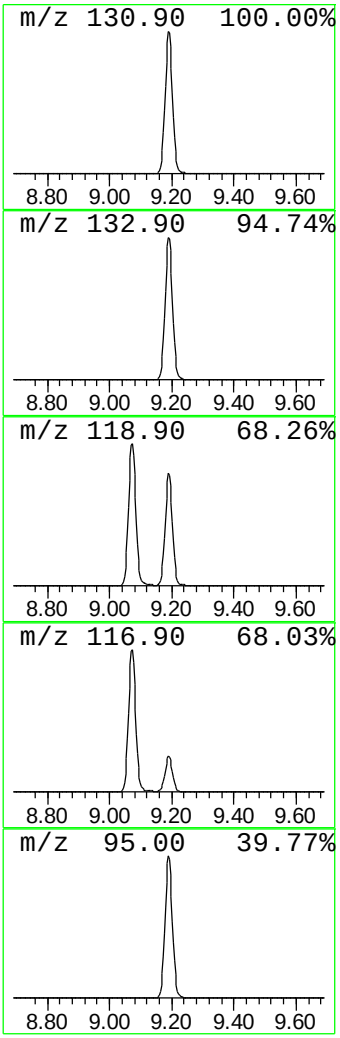
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	38.41 ug/L	731793	Chlorobenzene-d5	9.07

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	91
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	59
5	N-Chlorosuccinimide	133	C4H4ClNO2	000128-09-6	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\
Data File : VU033222.D
Acq On : 12 Jul 2019 15:26
Operator : JC/SP
Sample : K3760-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8W4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

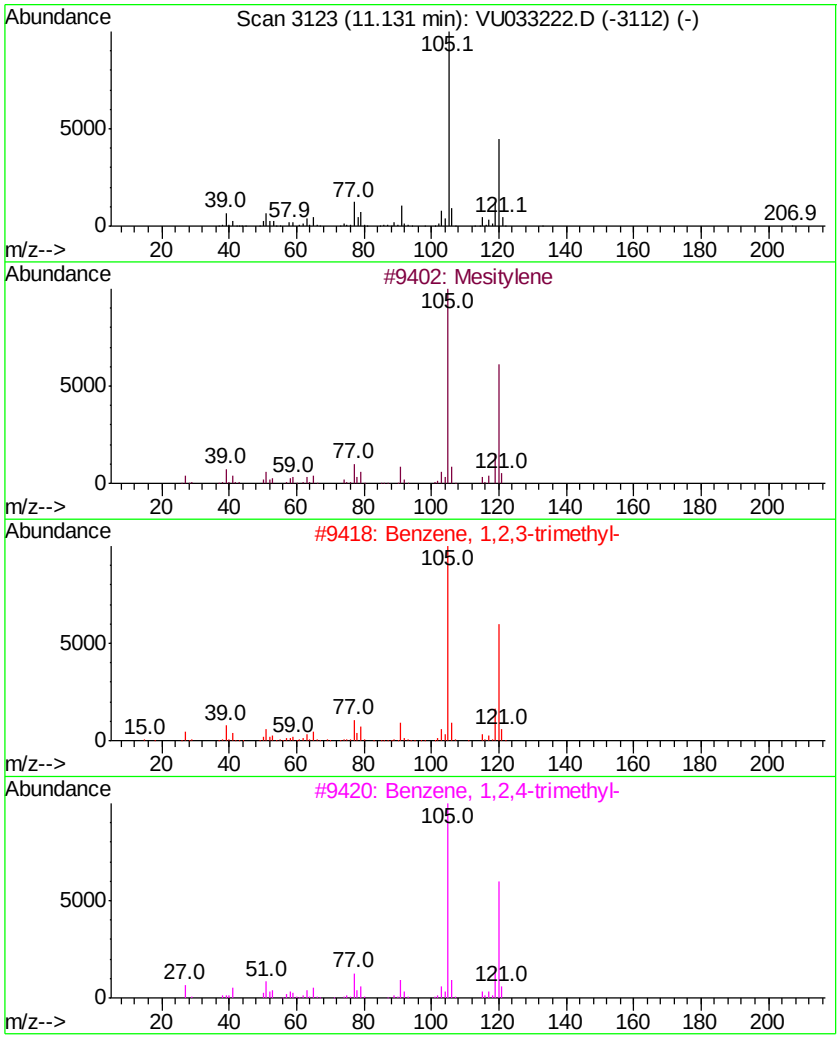
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

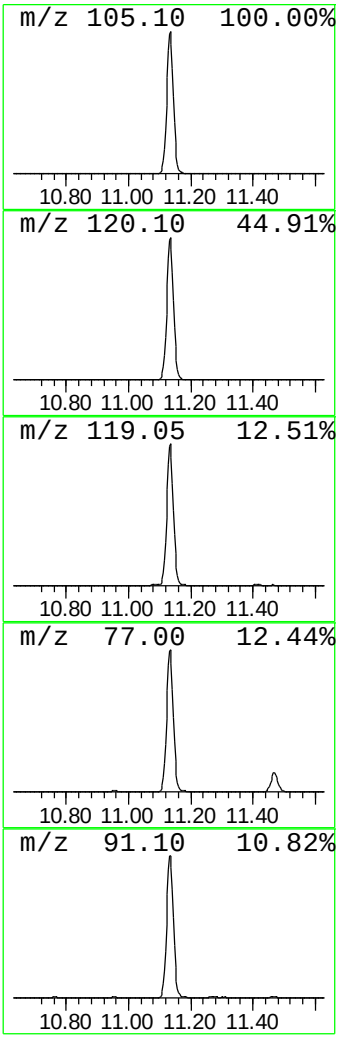
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	59.95 ug/L	1174410	1,4-Dichlorobenzene-d4	11.47

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	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\
Data File : VU033222.D
Acq On : 12 Jul 2019 15:26
Operator : JC/SP
Sample : K3760-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8W4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.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...	9.19	38.4	ug/L	731793	2	9.07	952676	50.0
Benzene, 1,2,4-tr...	11.13	60.0	ug/L	1174410	3	11.47	979428	50.0