LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050919\
Data File : VV010814.D
Acq On : 10 May 2019 15:09
Operator : SY/MD
Sample : K2692-07
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5107

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_V\METHOD\SOM2VLM050719S.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	1.142	10	16	31	rVB	28804	28175	7.69%	0.432%
2	1.322	65	72	82	rVB2	82599	85700	23.40%	1.315%
3	1.569	142	149	152	rBV	45597	53170	14.52%	0.816%
4	1.974	268	275	282	rVB3	4416	6014	1.64%	0.092%
5	2.129	312	323	333	rBV4	133767	217866	59.48%	3.343%
6	2.190	334	342	353	rVB	93181	133295	36.39%	2.045%
7	2.312	370	380	397	rBV	67516	98565	26.91%	1.512%
8	2.486	431	434	437	rBV	308	249	0.07%	0.004%
9	2.534	437	449	470	rVV	116471	194732	53.17%	2.988%
10	2.788	516	528	546	rBV	91151	156677	42.78%	2.404%
11	2.917	566	568	572	rVB2	255	152	0.04%	0.002%
12	2.942	572	576	579	rBV2	187	165	0.05%	0.003%
13	2.962	579	582	584	rVB	195	126	0.03%	0.002%
14	3.071	606	616	631	rVV4	2850	6299	1.72%	0.097%
15	3.151	638	641	644	rBV	336	322	0.09%	0.005%
16	3.228	653	665	680	rVB	25014	49839	13.61%	0.765%
17	3.357	701	705	710	rVV2	283	267	0.07%	0.004%
18	3.463	735	738	740	rBV	188	135	0.04%	0.002%
19	3.515	750	754	762	rVB2	206	343	0.09%	0.005%
20	3.601	776	781	784	rBV2	215	247	0.07%	0.004%
21	3.662	796	800	803	rVV2	167	147	0.04%	0.002%
22	3.727	812	820	822	rBV	251	345	0.09%	0.005%
23	3.798	838	842	845	rBV2	297	260	0.07%	0.004%
24	3.862	859	862	865	rVB	259	190	0.05%	0.003%
25	3.881	865	868	871	rBV	199	165	0.05%	0.003%
26	3.958	874	892	911	rBV3	83428	217458	59.37%	3.337%
27	4.093	932	934	938	rVB3	543	307	0.08%	0.005%
28	4.138	945	948	953	rBV3	404	408	0.11%	0.006%
29	4.190	961	964	969	rBV	226	257	0.07%	0.004%
30	4.296	982	997	1014	rBV2	75215	175398	47.89%	2.691%
31	4.405	1017	1031	1062	rVB3	70585	221974	60.61%	3.406%
32	4.531	1068	1070	1073	rVB	399	185	0.05%	0.003%
33	4.582	1083	1086	1088	rBV	191	128	0.03%	0.002%
34	4.656	1091	1109	1134	rBV2	111932	273082	74.56%	4.190%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5107

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Title : VOC Analysis

35	4.875	1160	1177	1193	rBV3	38655	90434	24.69%	1.388%
36	4.958	1200	1203	1206	rVB2	230	164	0.04%	0.003%
37	5.006	1216	1218	1225	rVB2	262	216	0.06%	0.003%
38	5.093	1228	1245	1263	rBV2	145002	354261	96.72%	5.436%
39	5.318	1313	1315	1321	rVB2	422	381	0.10%	0.006%
40	5.347	1321	1324	1327	rBV2	336	237	0.06%	0.004%
41	5.418	1343	1346	1349	rBV	163	132	0.04%	0.002%
42	5.486	1363	1367	1369	rVV2	540	429	0.12%	0.007%
43	5.566	1386	1392	1393	rBV	303	315	0.09%	0.005%
44	5.662	1409	1422	1440	rBV	104395	206969	56.51%	3.176%
45	5.958	1501	1514	1534	rBV2	128396	249217	68.04%	3.824%
46	6.116	1552	1563	1581	rVB	82898	162678	44.42%	2.496%
47	6.219	1584	1595	1611	rVB2	70381	136063	37.15%	2.088%
48	6.373	1641	1643	1646	rBV2	329	219	0.06%	0.003%
49	6.408	1649	1654	1667	rVB5	2578	4833	1.32%	0.074%
50	6.508	1679	1685	1688	rVB2	289	301	0.08%	0.005%
51	6.556	1688	1700	1714	rBV2	34671	65202	17.80%	1.001%
52	6.691	1730	1742	1745	rBV4	1761	3082	0.84%	0.047%
53	6.768	1763	1766	1769	rBV	254	252	0.07%	0.004%
54	6.823	1774	1783	1794	rVV6	2252	4508	1.23%	0.069%
55	6.875	1795	1799	1801	rBV2	290	219	0.06%	0.003%
56	6.900	1806	1807	1811	rVV	184	134	0.04%	0.002%
57	6.936	1815	1818	1821	rVV2	191	138	0.04%	0.002%
58	7.029	1833	1847	1854	rBV2	47574	83814	22.88%	1.286%
59	7.161	1885	1888	1891	rBV3	486	318	0.09%	0.005%
60	7.190	1891	1897	1901	rBV2	1777	2184	0.60%	0.034%
61	7.273	1912	1923	1938	rBV	53551	99007	27.03%	1.519%
62	7.360	1939	1950	1985	rVB	162111	305454	83.40%	4.687%
63	7.598	2022	2024	2027	rBV2	259	134	0.04%	0.002%
64	7.662	2033	2044	2047	rBV	31633	44078	12.03%	0.676%
65	7.881	2102	2112	2129	rBV2	36000	62617	17.10%	0.961%
66	8.016	2143	2154	2174	rBV	96785	170128	46.45%	2.611%
67	8.132	2181	2190	2198	rBV	45163	70963	19.37%	1.089%
68	8.183	2199	2206	2228	rVV	67146	115907	31.65%	1.779%
69	8.289	2232	2239	2256	rVB2	31011	51525	14.07%	0.791%
70	8.395	2263	2272	2291	rVB	30635	51531	14.07%	0.791%
71	8.788	2392	2394	2397	rBV2	200	125	0.03%	0.002%

LSC Area Percent Report

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

Instrument : MSVOA_V
ClientSampleId : A5107

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Title : VOC Analysis

72	8.897	2416	2428	2454	rBV	158708	280058	76.46%	4.297%
73	9.019	2455	2466	2487	rVB	123957	210210	57.39%	3.226%
74	9.180	2510	2516	2517	rBV2	346	248	0.07%	0.004%
75	9.376	2572	2577	2581	rBV2	150	197	0.05%	0.003%
76	9.604	2637	2648	2673	rBV	146963	246203	67.22%	3.778%
77	9.775	2691	2701	2716	rVB	31204	50487	13.78%	0.775%
78	9.887	2732	2736	2743	rVB2	174	240	0.07%	0.004%
79	10.013	2772	2775	2780	rBV2	195	163	0.04%	0.003%
80	10.051	2783	2787	2788	rBV2	227	158	0.04%	0.002%
81	10.087	2795	2798	2802	rBV2	178	151	0.04%	0.002%
82	10.190	2827	2830	2832	rBV	226	175	0.05%	0.003%
83	10.264	2841	2853	2856	rBV	77203	121234	33.10%	1.860%
84	10.421	2893	2902	2912	rVB6	2450	3927	1.07%	0.060%
85	10.463	2912	2915	2919	rBV2	219	179	0.05%	0.003%
86	10.521	2929	2933	2939	rBV2	282	338	0.09%	0.005%
87	10.608	2957	2960	2961	rBV	203	137	0.04%	0.002%
88	10.852	3034	3036	3039	rBV2	188	119	0.03%	0.002%
89	10.958	3058	3069	3087	rBV	241089	366262	100.00%	5.620%
90	11.106	3112	3115	3119	rBV2	512	462	0.13%	0.007%
91	11.186	3135	3140	3141	rBV3	671	566	0.15%	0.009%
92	11.225	3141	3152	3164	rVV	188047	299740	81.84%	4.599%
93	11.296	3164	3174	3188	rVB	178182	280409	76.56%	4.303%
94	11.466	3224	3227	3229	rBV4	466	288	0.08%	0.004%
95	11.624	3272	3276	3278	rBV	206	182	0.05%	0.003%
96	11.672	3279	3291	3305	rVV	171532	275672	75.27%	4.230%
97	11.771	3319	3322	3328	rBV2	194	262	0.07%	0.004%
98	12.476	3530	3541	3553	rBV2	31367	49190	13.43%	0.755%
99	13.193	3760	3764	3768	rBV	243	294	0.08%	0.005%
100	13.794	3941	3951	3964	rVB2	45379	68543	18.71%	1.052%

Sum of corrected areas: 6516905

LSC Report - Integrated Chromatogram

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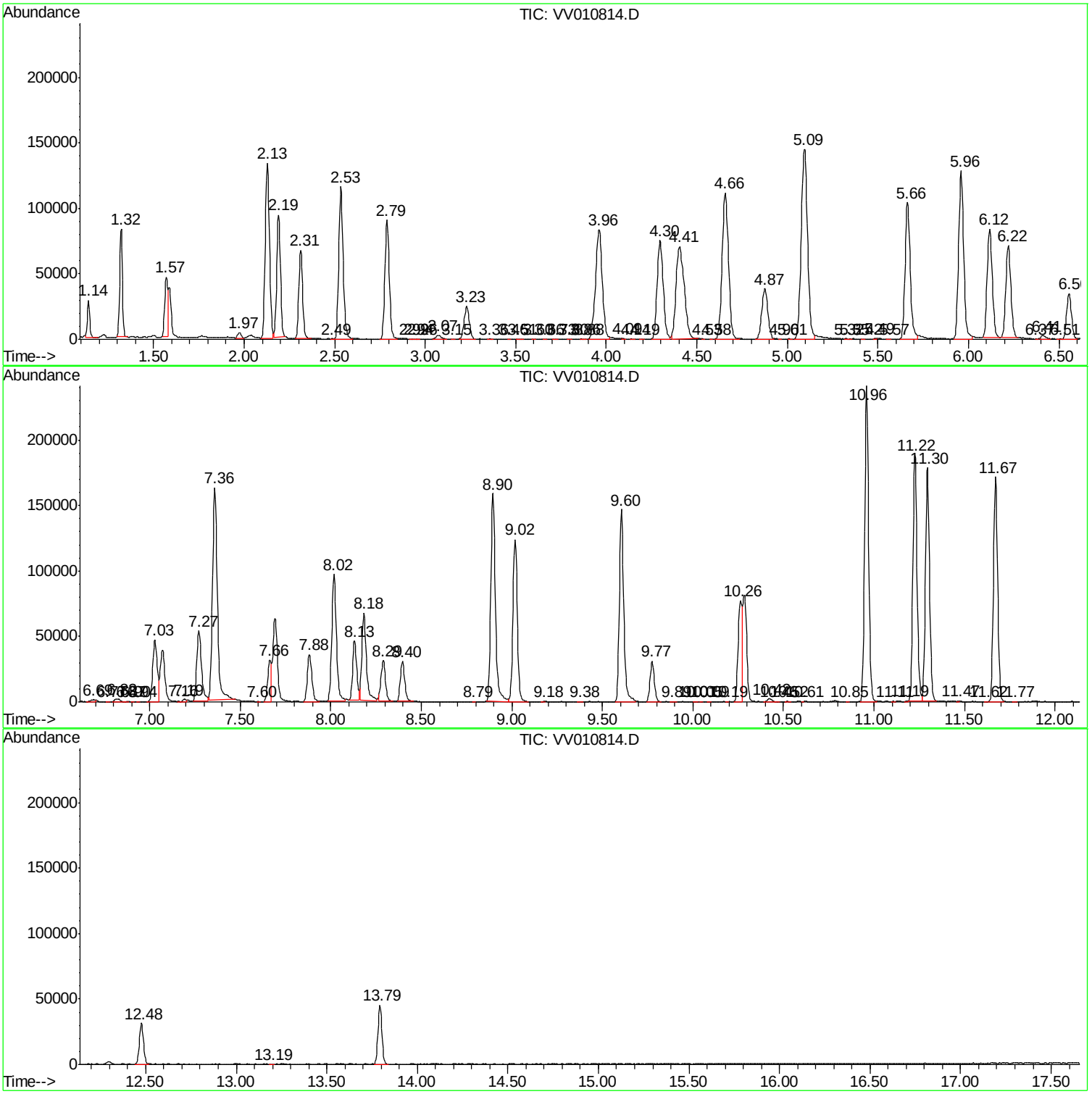
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5107

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.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_V\DATA\VV050919\
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Instrument : MSVOA_V
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

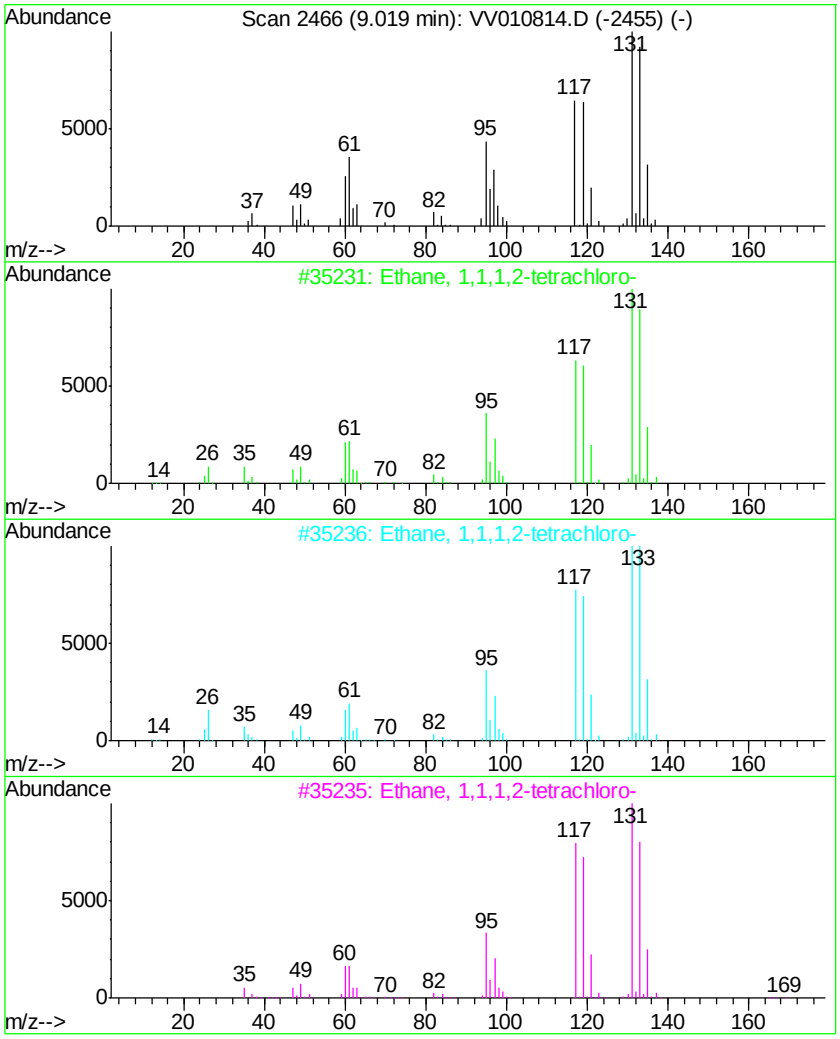
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

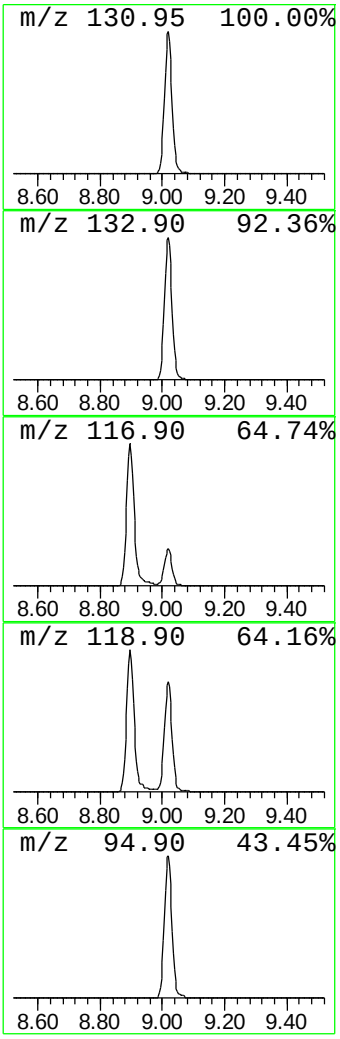
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	18.76 ug/L	210210	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	87
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	80
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	59
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	43
5	Trichloroacetyl chloride	180	C2Cl4O	000076-02-8	10





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

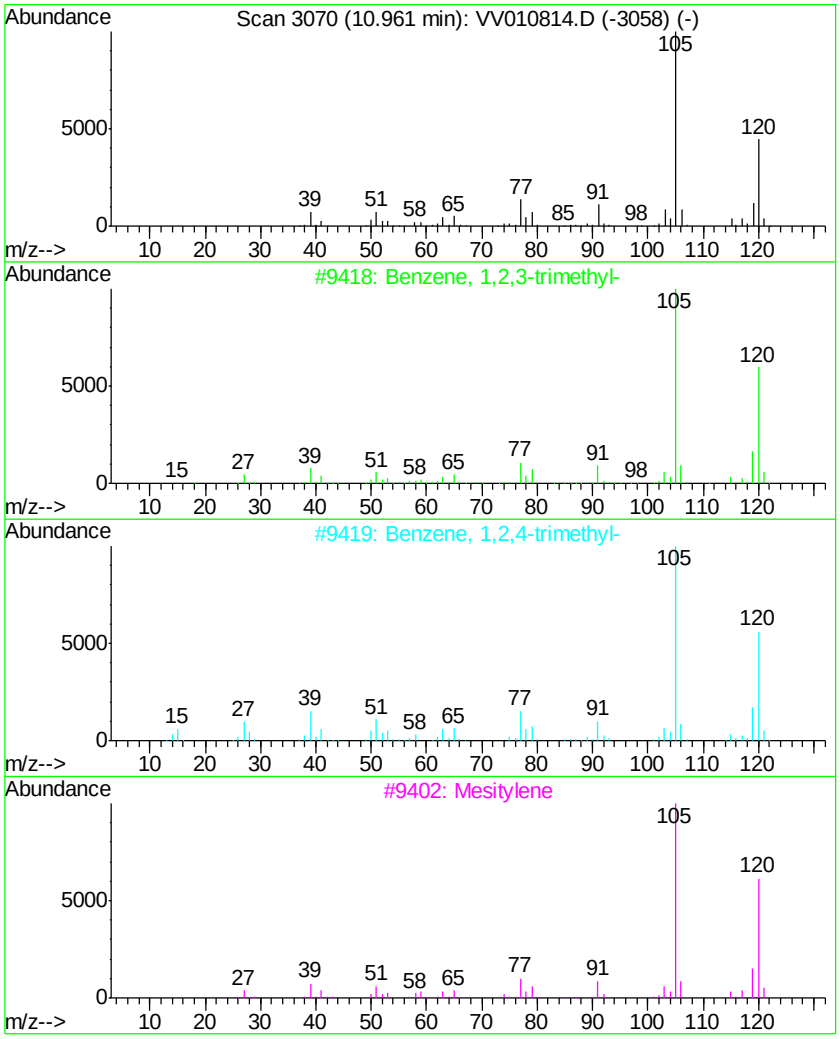
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

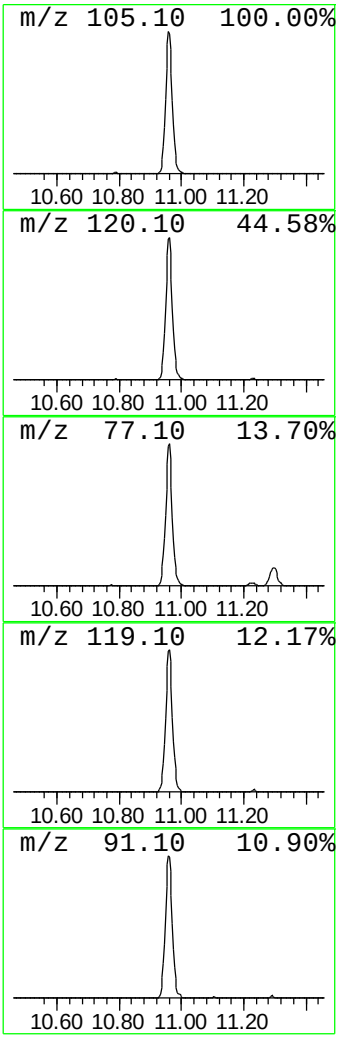
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	32.65 ug/L	366262	1,4-Dichlorobenzene-d4	11.30

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

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1,1,2-t...	9.02	18.8	ug/L	210210	2	8.89	280058	25.0
Benzene, 1,2,4-tr...	10.96	32.6	ug/L	366262	3	11.30	280409	25.0