LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
Data File : VU025536.D
Acq On : 20 Jul 2018 13:00
Operator : MD/SY
Sample : J4039-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB1J0

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\SOMULM072018WMA.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	0.609	3	6	11	rVB2	294	230	0.02%	0.001%
2	0.645	11	17	20	rBV2	400	437	0.03%	0.002%
3	0.751	48	50	52	rVB2	202	81	0.01%	0.000%
4	0.773	55	57	59	rBV2	147	96	0.01%	0.000%
5	0.792	59	63	66	rBV	261	200	0.02%	0.001%
6	0.873	85	88	90	rVB3	313	158	0.01%	0.001%
7	0.886	90	92	97	rBV2	139	122	0.01%	0.001%
8	0.921	100	103	105	rVB2	353	190	0.01%	0.001%
9	0.944	107	110	113	rBV2	190	146	0.01%	0.001%
10	1.018	131	133	134	rBV	126	51	0.00%	0.000%
11	1.088	141	155	171	rBV	1187104	1320824	100.00%	6.251%
12	1.204	185	191	207	rVB	120527	124738	9.44%	0.590%
13	1.294	214	219	224	rBV	22766	21528	1.63%	0.102%
14	1.329	224	230	239	rVB	89904	94308	7.14%	0.446%
15	1.403	245	253	266	rBV2	325966	361274	27.35%	1.710%
16	1.667	329	335	340	rBV	100965	138816	10.51%	0.657%
17	1.882	393	402	416	rVB	251377	353795	26.79%	1.674%
18	2.278	514	525	540	rBV4	640546	1161430	87.93%	5.496%
19	2.702	643	657	679	rBV	215658	387286	29.32%	1.833%
20	2.905	718	720	721	rBV	495	181	0.01%	0.001%
21	2.915	721	723	725	rVV	327	141	0.01%	0.001%
22	2.982	728	744	766	rBV	112614	207008	15.67%	0.980%
23	3.127	784	789	792	rBV2	557	605	0.05%	0.003%
24	3.169	800	802	804	rBV	291	115	0.01%	0.001%
25	3.358	857	861	864	rBV2	356	399	0.03%	0.002%
26	3.374	864	866	869	rVV	620	386	0.03%	0.002%
27	3.448	872	889	912	rVV	236419	523410	39.63%	2.477%
28	3.609	937	939	941	rBV	294	147	0.01%	0.001%
29	3.622	941	943	948	rVB2	393	336	0.03%	0.002%
30	3.644	948	950	954	rBV2	496	284	0.02%	0.001%
31	3.696	961	966	970	rBV3	448	399	0.03%	0.002%
32	3.744	978	981	983	rVB2	207	92	0.01%	0.000%
33	3.770	985	989	992	rBV2	452	343	0.03%	0.002%
34	3.879	1019	1023	1024	rBV	187	90	0.01%	0.000%

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Instrument : MSVOA_U
ClientSampleId : DB1J0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Title : VOC Analysis

35	3.889	1024	1026	1030	rVB2	202	107	0.01%	0.001%
36	3.918	1030	1035	1036	rBV	162	121	0.01%	0.001%
37	3.972	1047	1052	1054	rBV	246	216	0.02%	0.001%
38	4.107	1090	1094	1095	rBV2	315	209	0.02%	0.001%
39	4.175	1100	1115	1121	rBV	91406	203839	15.43%	0.965%
40	4.390	1179	1182	1187	rBV4	738	553	0.04%	0.003%
41	4.461	1200	1204	1205	rBV2	278	163	0.01%	0.001%
42	4.548	1216	1231	1247	rBV	152548	348370	26.38%	1.649%
43	4.667	1249	1268	1291	rVB4	321086	1050654	79.55%	4.972%
44	4.815	1310	1314	1317	rVB2	577	406	0.03%	0.002%
45	4.841	1317	1322	1325	rBV2	654	609	0.05%	0.003%
46	4.918	1329	1346	1366	rBV2	100202	241881	18.31%	1.145%
47	5.069	1391	1393	1396	rBV	195	161	0.01%	0.001%
48	5.136	1396	1414	1434	rVV	282490	655155	49.60%	3.100%
49	5.342	1453	1478	1486	rBV2	385051	1160046	87.83%	5.490%
50	5.561	1544	1546	1548	rBV2	280	97	0.01%	0.000%
51	5.609	1559	1561	1562	rBV2	307	116	0.01%	0.001%
52	5.667	1575	1579	1581	rBV3	680	438	0.03%	0.002%
53	5.828	1627	1629	1633	rBV2	310	218	0.02%	0.001%
54	5.889	1633	1648	1671	rBV	406146	783247	59.30%	3.707%
55	6.069	1701	1704	1706	rBV2	242	140	0.01%	0.001%
56	6.107	1714	1716	1720	rVB	225	107	0.01%	0.001%
57	6.130	1720	1723	1726	rBV2	286	229	0.02%	0.001%
58	6.188	1726	1741	1764	rBV	549986	1054414	79.83%	4.990%
59	6.332	1772	1786	1803	rBV	264100	519726	39.35%	2.460%
60	6.435	1805	1818	1839	rVB	241204	466546	35.32%	2.208%
61	6.702	1898	1901	1902	rBV	405	218	0.02%	0.001%
62	6.760	1906	1919	1939	rVV	96521	178751	13.53%	0.846%
63	6.837	1941	1943	1945	rBV	614	317	0.02%	0.002%
64	6.976	1984	1986	1988	rBV2	477	223	0.02%	0.001%
65	7.072	2013	2016	2018	rBV2	256	155	0.01%	0.001%
66	7.152	2037	2041	2044	rBV2	424	310	0.02%	0.001%
67	7.172	2044	2047	2049	rBV2	462	277	0.02%	0.001%
68	7.230	2052	2065	2071	rBV	167585	282226	21.37%	1.336%
69	7.387	2106	2114	2130	rVB2	20336	34235	2.59%	0.162%
70	7.567	2157	2170	2187	rBV	556630	954447	72.26%	4.517%
71	7.853	2246	2259	2260	rBV	123792	152469	11.54%	0.722%

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Instrument : MSVOA_U
ClientSampleId : DB1J0

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
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Title : VOC Analysis

72	8.069	2314	2326	2343	rVB	189453	317779	24.06%	1.504%
73	8.229	2365	2376	2390	rVB	618533	1027977	77.83%	4.865%
74	8.313	2392	2402	2434	rVB	315451	530976	40.20%	2.513%
75	8.480	2442	2454	2467	rVB	202373	339847	25.73%	1.608%
76	8.590	2476	2488	2504	rBV	111782	189661	14.36%	0.898%
77	8.760	2539	2541	2545	rVB	351	164	0.01%	0.001%
78	8.873	2572	2576	2577	rBV2	414	302	0.02%	0.001%
79	8.927	2591	2593	2595	rBV	256	137	0.01%	0.001%
80	9.030	2622	2625	2627	rBV2	749	531	0.04%	0.003%
81	9.091	2632	2644	2664	rVV	568946	921354	69.76%	4.360%
82	9.210	2669	2681	2701	rVB	453547	746806	56.54%	3.534%
83	9.455	2755	2757	2759	rBV	367	159	0.01%	0.001%
84	9.541	2782	2784	2787	rVB	286	152	0.01%	0.001%
85	9.561	2787	2790	2794	rBV2	447	452	0.03%	0.002%
86	9.680	2820	2827	2830	rBV2	455	654	0.05%	0.003%
87	9.959	2902	2914	2934	rBV	217991	362837	27.47%	1.717%
88	10.127	2964	2966	2967	rBV	221	92	0.01%	0.000%
89	10.435	3049	3062	3066	rBV2	384067	608150	46.04%	2.878%
90	10.692	3138	3142	3143	rBV2	268	200	0.02%	0.001%
91	10.773	3159	3167	3177	rBV6	1566	2836	0.21%	0.013%
92	10.975	3223	3230	3237	rVB3	2998	4304	0.33%	0.020%
93	11.152	3273	3285	3300	rVB	795774	1197196	90.64%	5.666%
94	11.422	3363	3369	3377	rVB5	3193	4613	0.35%	0.022%
95	11.487	3377	3389	3409	rBV	596746	940573	71.21%	4.451%
96	11.863	3493	3506	3522	rBV	585565	925204	70.05%	4.378%
97	12.072	3568	3571	3573	rBV2	456	338	0.03%	0.002%
98	12.149	3592	3595	3600	rBV3	782	681	0.05%	0.003%
99	12.660	3742	3754	3768	rBV	129905	211488	16.01%	1.001%
100	12.892	3821	3826	3835	rVB4	3217	4161	0.32%	0.020%

Sum of corrected areas: 21130666

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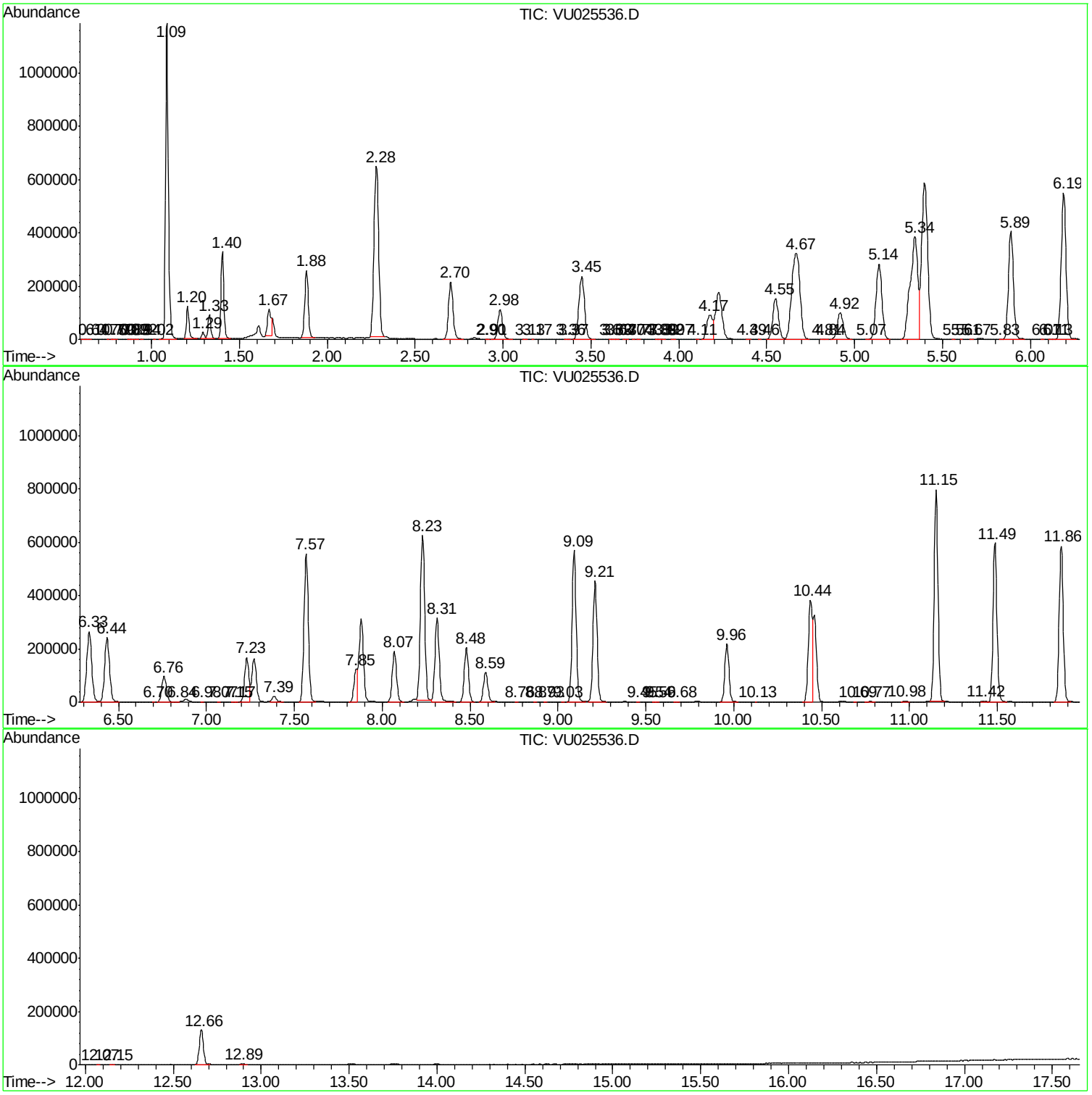
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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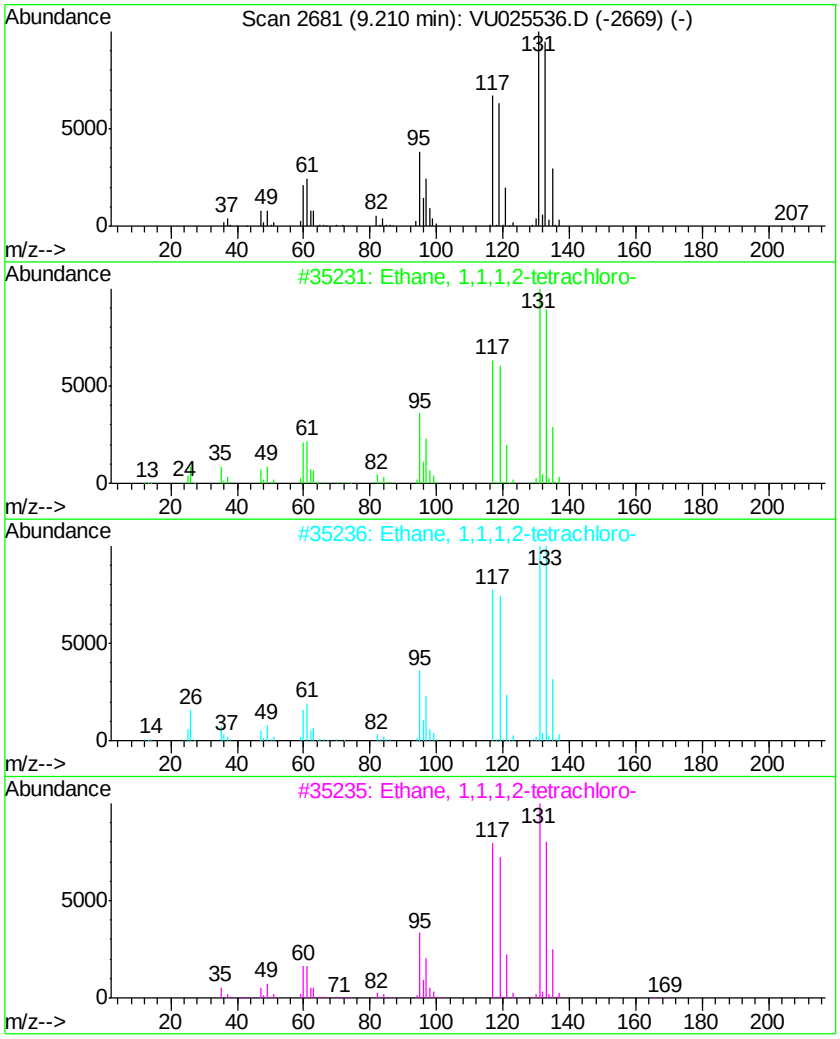
TIC Integration Parameters: LSCINT.P

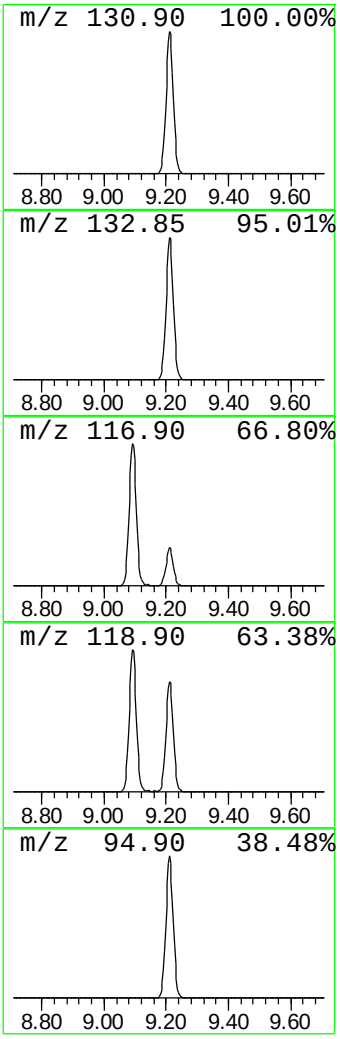
****

Peak Number 2 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	40.53 ug/L	746806	Chlorobenzene-d5	9.09

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	91
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	64
5	Carbon Tetrachloride	152	CCl4	000056-23-5	10





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ClientSampleId : DB1J0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

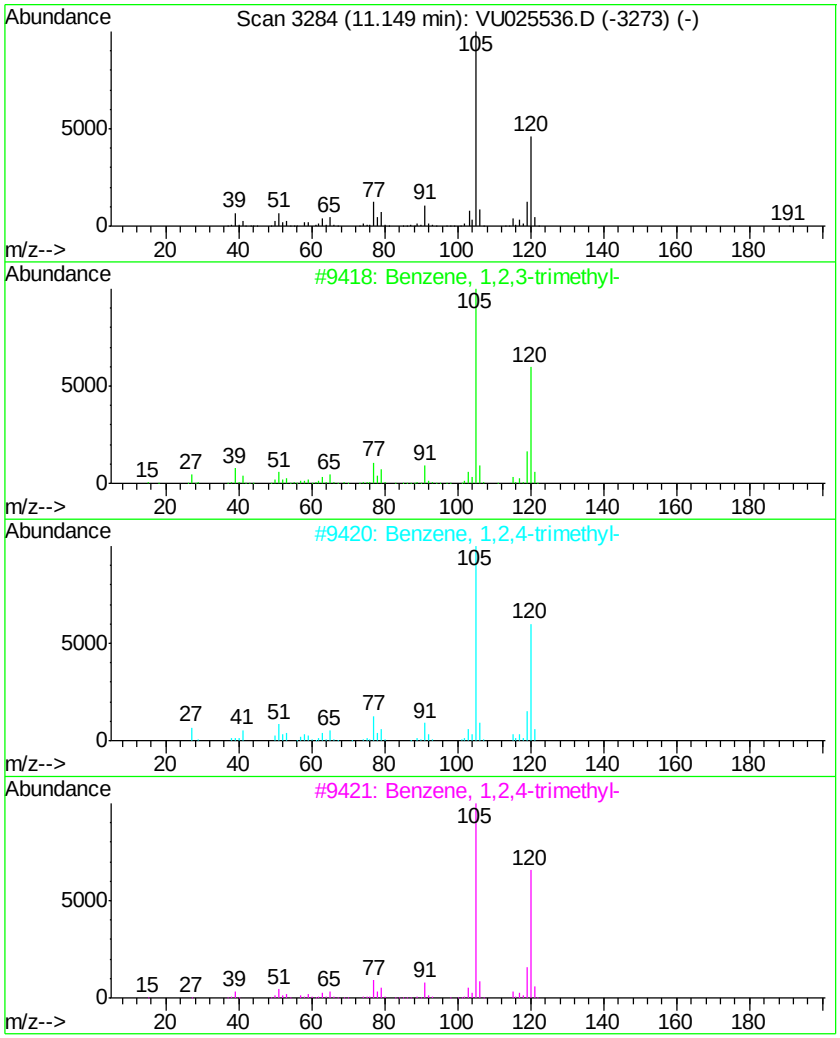
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

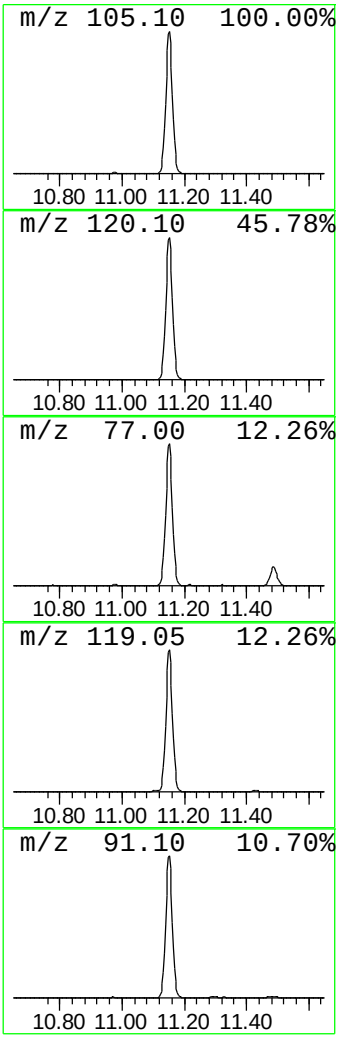
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	63.64 ug/L	1197200	1,4-Dichlorobenzene-d4	11.49

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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	93





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...	9.21	40.5	ug/L	746806	2	9.09	921354	50.0
Benzene, 1,2,4-tr...	11.15	63.6	ug/L	1197200	3	11.49	940573	50.0