LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
Data File : VU026434.D
Acq On : 29 Aug 2018 20:10
Operator : MD/SY
Sample : J4691-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEE03

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\SOMULM082918WMA.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	0.606	3	5	9	rBV	267	169	0.00%	0.000%
2	0.629	9	12	16	rBV2	145	119	0.00%	0.000%
3	0.670	22	25	27	rBV2	140	108	0.00%	0.000%
4	0.725	37	42	43	rBV	197	144	0.00%	0.000%
5	0.732	43	44	47	rVV	160	91	0.00%	0.000%
6	0.767	52	55	58	rBV2	166	124	0.00%	0.000%
7	0.786	58	61	64	rVB2	239	141	0.00%	0.000%
8	0.825	71	73	76	rBV2	122	82	0.00%	0.000%
9	0.950	110	112	115	rBV2	262	194	0.00%	0.000%
10	0.989	122	124	127	rVB	250	141	0.00%	0.000%
11	1.018	127	133	136	rBV2	227	280	0.00%	0.001%
12	1.040	136	140	141	rBV	366	237	0.00%	0.001%
13	1.085	141	154	170	rBV	205162	237280	0.69%	0.576%
14	1.397	244	251	263	rBV2	71557	78792	0.23%	0.191%
15	1.677	332	338	353	rVB	58720	76414	0.22%	0.186%
16	2.268	513	522	533	rVB	130345	187735	0.54%	0.456%
17	2.825	685	695	710	rVB2	5315	10217	0.03%	0.025%
18	2.982	734	744	758	rVB2	17305	30878	0.09%	0.075%
19	3.217	814	817	823	rBV2	423	498	0.00%	0.001%
20	3.256	826	829	831	rBV2	224	152	0.00%	0.000%
21	3.285	836	838	841	rBV2	337	185	0.00%	0.000%
22	3.391	864	871	874	rBV2	434	573	0.00%	0.001%
23	3.403	874	875	878	rBV2	194	93	0.00%	0.000%
24	3.516	908	910	913	rBV3	246	203	0.00%	0.000%
25	3.539	915	917	919	rVB	269	103	0.00%	0.000%
26	3.555	919	922	925	rBV2	272	158	0.00%	0.000%
27	3.641	946	949	950	rBV	249	124	0.00%	0.000%
28	3.831	1006	1008	1012	rBV2	155	108	0.00%	0.000%
29	3.873	1017	1021	1026	rVB2	263	262	0.00%	0.001%
30	3.911	1029	1033	1040	rBV4	363	513	0.00%	0.001%
31	3.976	1048	1053	1054	rBV2	238	180	0.00%	0.000%
32	3.989	1054	1057	1058	rVV	424	292	0.00%	0.001%
33	4.075	1081	1084	1086	rBV2	188	121	0.00%	0.000%
34	4.124	1096	1099	1101	rBV	282	156	0.00%	0.000%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEE03

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\SOMULM082918WMA.M
Title : VOC Analysis

35	4.227	1101	1131	1164	rBV2	639398	1638766	4.75%	3.981%
36	4.522	1221	1223	1228	rVB2	241	148	0.00%	0.000%
37	4.545	1228	1230	1233	rVB2	237	91	0.00%	0.000%
38	4.564	1233	1236	1240	rBV	170	158	0.00%	0.000%
39	4.651	1246	1263	1288	rBV	84067	197801	0.57%	0.480%
40	4.915	1334	1345	1346	rBV4	2314	3147	0.01%	0.008%
41	5.001	1360	1372	1383	rBV4	5667	12398	0.04%	0.030%
42	5.162	1419	1422	1423	rBV	249	106	0.00%	0.000%
43	5.175	1423	1426	1428	rVV2	96	87	0.00%	0.000%
44	5.217	1436	1439	1442	rVB2	318	201	0.00%	0.000%
45	5.239	1442	1446	1448	rBV	195	159	0.00%	0.000%
46	5.262	1450	1453	1455	rVV3	375	281	0.00%	0.001%
47	5.342	1455	1478	1509	rVB2	169387	507170	1.47%	1.232%
48	5.471	1516	1518	1520	rBV2	231	123	0.00%	0.000%
49	5.513	1527	1531	1539	rVB4	301	319	0.00%	0.001%
50	5.600	1554	1558	1561	rBV2	108	76	0.00%	0.000%
51	5.657	1571	1576	1582	rBV2	278	320	0.00%	0.001%
52	5.706	1583	1591	1594	rVV3	170	228	0.00%	0.001%
53	5.725	1595	1597	1600	rBV	127	82	0.00%	0.000%
54	5.825	1625	1628	1633	rBV2	214	207	0.00%	0.001%
55	5.889	1633	1648	1671	rBV	184901	358807	1.04%	0.872%
56	5.989	1678	1679	1680	rBV	247	90	0.00%	0.000%
57	6.098	1710	1713	1716	rBV2	144	102	0.00%	0.000%
58	6.117	1716	1719	1721	rBV2	153	88	0.00%	0.000%
59	6.198	1724	1744	1766	rBV	18936547	34492915	100.00%	83.787%
60	6.336	1778	1787	1808	rVB	124395	255815	0.74%	0.621%
61	6.783	1920	1926	1935	rBV5	1227	2072	0.01%	0.005%
62	6.825	1937	1939	1944	rVB3	505	413	0.00%	0.001%
63	6.853	1945	1948	1949	rBV	264	162	0.00%	0.000%
64	6.908	1962	1965	1971	rVB3	285	307	0.00%	0.001%
65	6.969	1981	1984	1986	rBV	162	129	0.00%	0.000%
66	7.050	2007	2009	2012	rBV2	190	124	0.00%	0.000%
67	7.146	2036	2039	2043	rVB2	256	205	0.00%	0.000%
68	7.230	2053	2065	2088	rBV	67230	119155	0.35%	0.289%
69	7.387	2108	2114	2116	rBV2	310	273	0.00%	0.001%
70	7.403	2117	2119	2121	rVB	244	108	0.00%	0.000%
71	7.416	2121	2123	2126	rVB	167	76	0.00%	0.000%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEE03

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\SOMULM082918WMA.M
Title : VOC Analysis

72	7.445	2126	2132	2136	rBV3	294	323	0.00%	0.001%
73	7.497	2144	2148	2150	rBV2	168	156	0.00%	0.000%
74	7.574	2159	2172	2190	rBV	216912	444770	1.29%	1.080%
75	7.853	2249	2259	2279	rBV	45844	80698	0.23%	0.196%
76	7.969	2287	2295	2308	rVB6	1766	4017	0.01%	0.010%
77	8.037	2309	2316	2318	rBV4	765	763	0.00%	0.002%
78	8.091	2326	2333	2338	rBV4	957	1622	0.00%	0.004%
79	9.104	2636	2648	2674	rBV	334138	544834	1.58%	1.323%
80	9.262	2690	2697	2710	rVB	11254	17201	0.05%	0.042%
81	9.384	2725	2735	2761	rBV	44601	75026	0.22%	0.182%
82	9.789	2852	2861	2872	rVB	28141	45045	0.13%	0.109%
83	9.866	2877	2885	2895	rVB2	7722	11599	0.03%	0.028%
84	10.175	2973	2981	2991	rVB	8994	13252	0.04%	0.032%
85	10.435	3051	3062	3076	rVB	189622	297515	0.86%	0.723%
86	10.596	3103	3112	3128	rVB2	10115	19304	0.06%	0.047%
87	10.686	3131	3140	3159	rVV	42549	87465	0.25%	0.212%
88	10.776	3159	3168	3181	rVB	18114	27311	0.08%	0.066%
89	10.976	3222	3230	3241	rVB2	16441	23424	0.07%	0.057%
90	11.152	3275	3285	3298	rVB2	41922	62716	0.18%	0.152%
91	11.422	3363	3369	3377	rVB3	3422	4833	0.01%	0.012%
92	11.487	3377	3389	3406	rVV	371180	572385	1.66%	1.390%
93	11.574	3409	3416	3429	rVB2	14982	22389	0.06%	0.054%
94	11.747	3464	3470	3472	rBV4	3110	3239	0.01%	0.008%
95	11.863	3495	3506	3524	rVB2	314562	554585	1.61%	1.347%
96	12.892	3819	3826	3835	rVB2	5727	8293	0.02%	0.020%
97	13.506	4010	4017	4026	rVB4	6709	10111	0.03%	0.025%
98	13.596	4043	4045	4048	rVB2	642	322	0.00%	0.001%
99	13.747	4086	4092	4101	rVB	5687	8328	0.02%	0.020%
100	13.991	4162	4168	4178	rVB4	4912	6280	0.02%	0.015%

Sum of corrected areas: 41167382

LSC Report - Integrated Chromatogram

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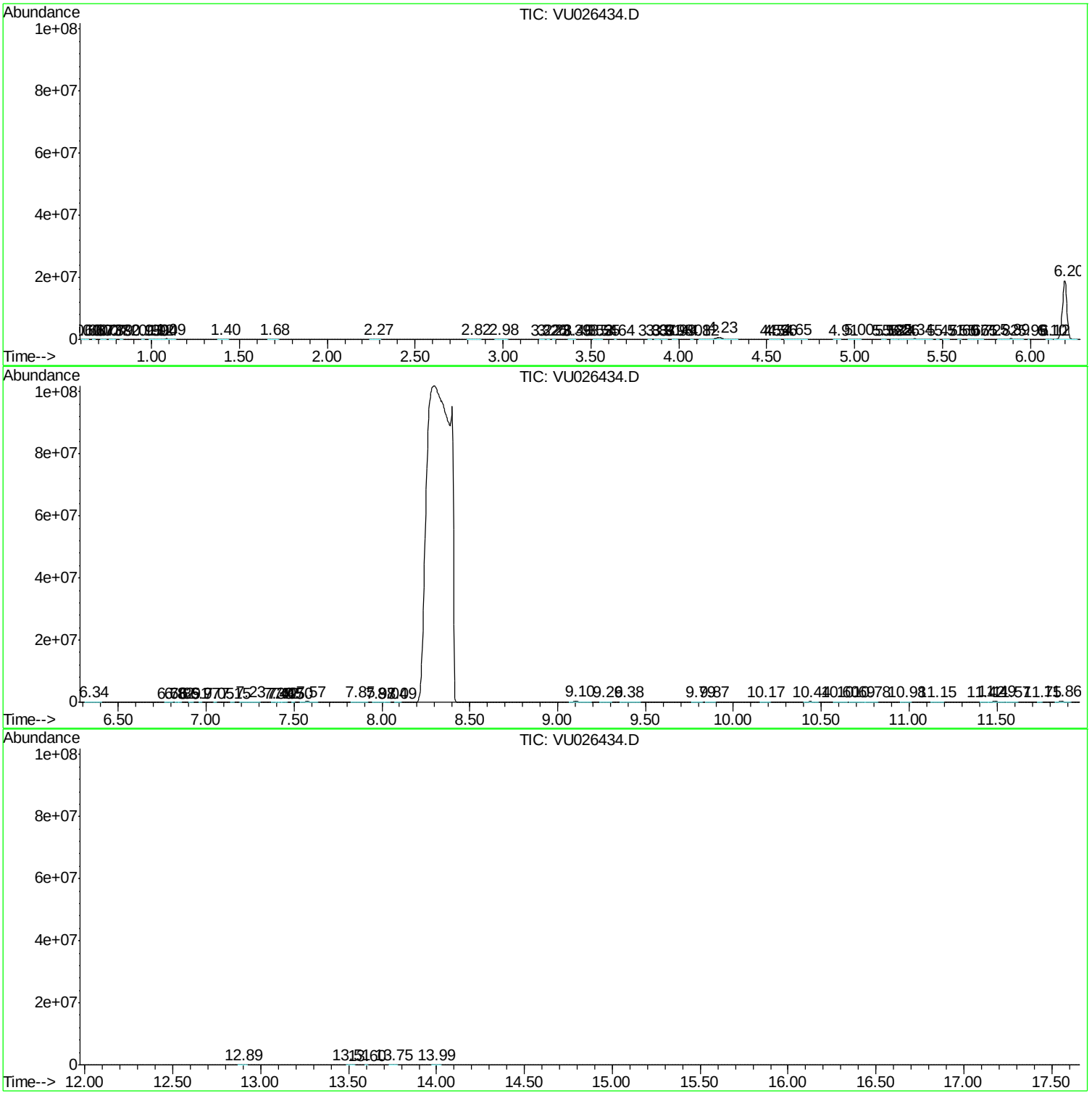
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

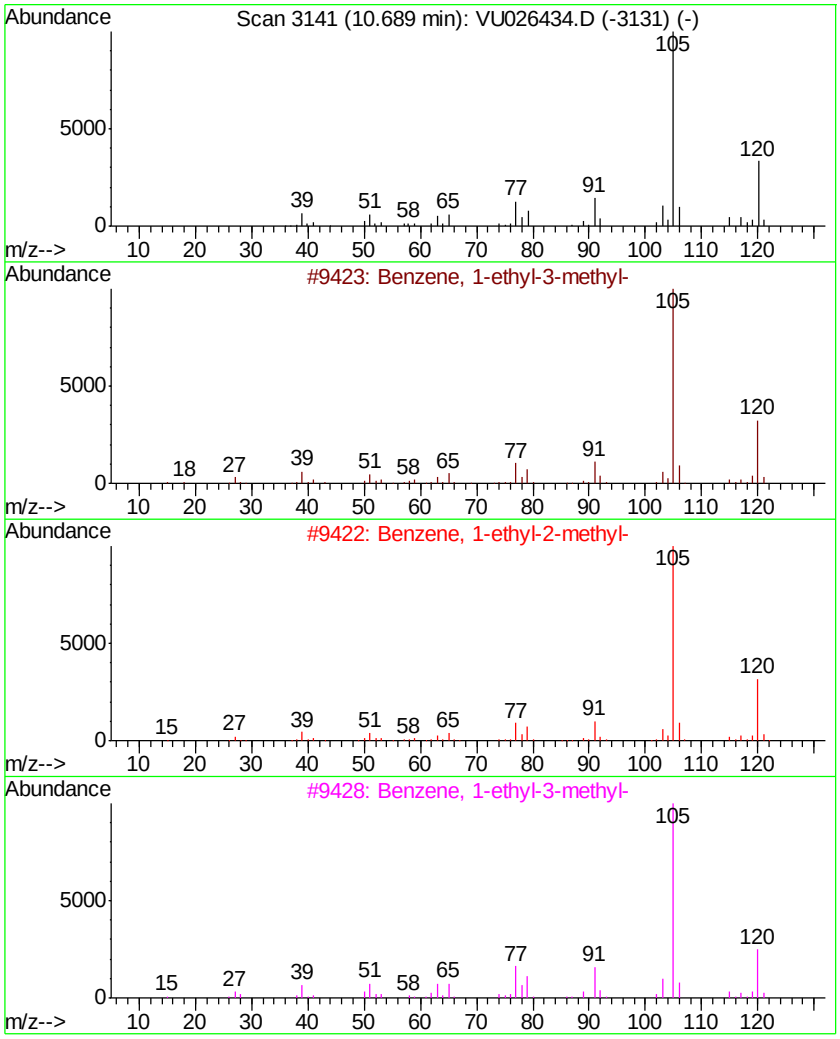
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

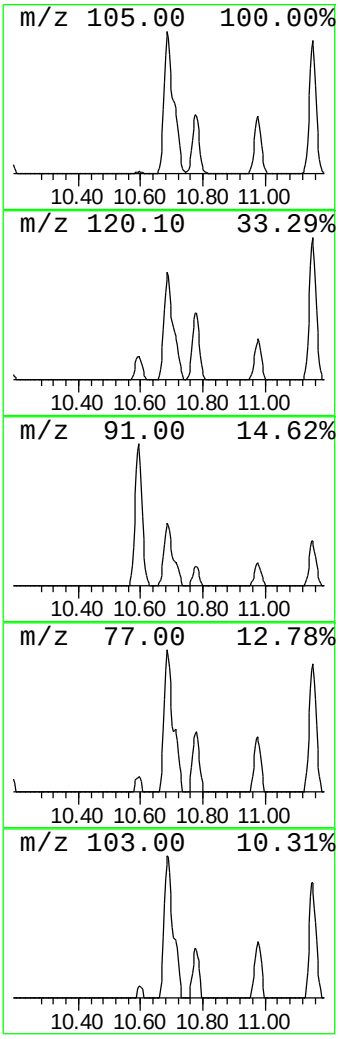
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	7.64 ug/L	87465	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94





Library Search Compound Report

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Instrument : MSVOA_U
ClientSampleId : BEE03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

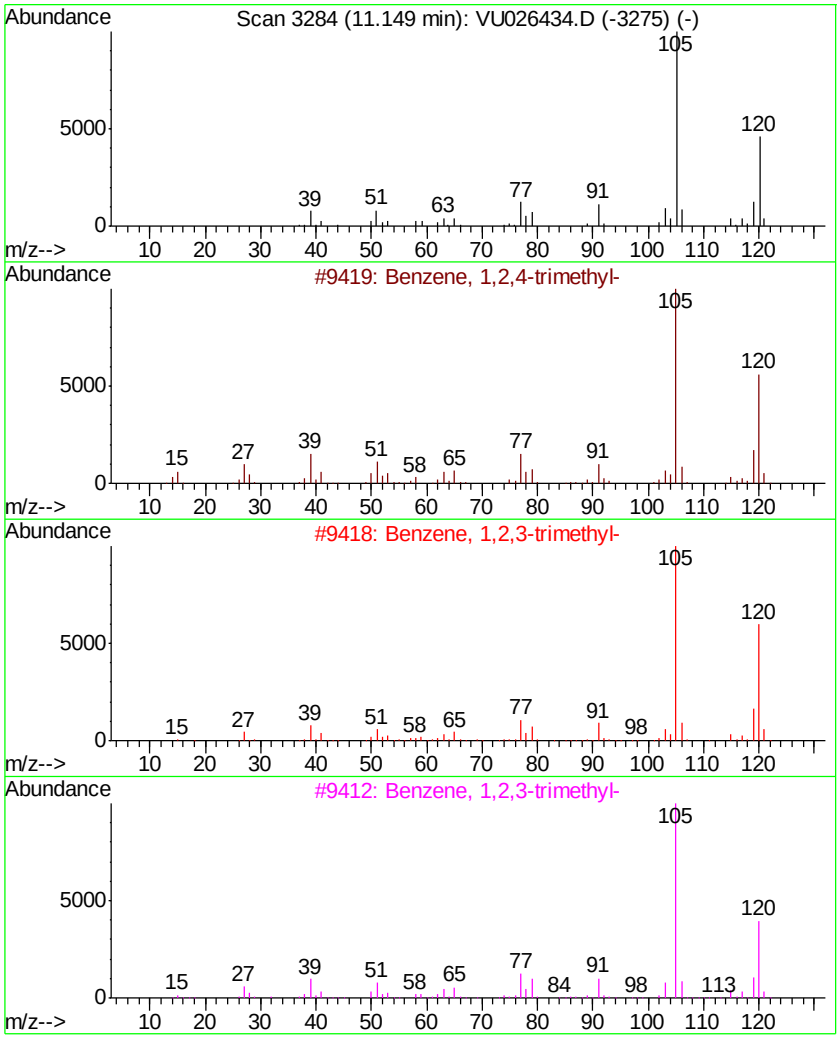
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

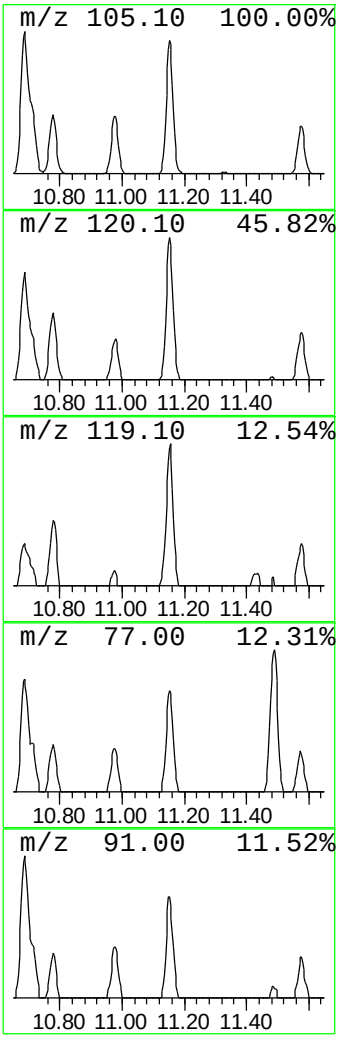
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	5.48 ug/L	62716	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Tentatively Identified Compound (LSC) summary

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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
Benzene, 1-ethyl-...	10.69	7.6	ug/L	87465	3	11.49	572385	50.0
Benzene, 1,2,4-tr...	11.15	5.5	ug/L	62716	3	11.49	572385	50.0