

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041619\
 Data File : VW009996.D
 Acq On : 16 Apr 2019 14:38
 Operator : SY/VA
 Sample : K2403-04
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5108

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.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	2.020	13	19	34	rVB2	54146	159888	2.85%	0.232%
2	2.154	38	41	47	rVV	23415	35935	0.64%	0.052%
3	2.221	47	52	62	rVB	101736	197414	3.52%	0.286%
4	2.318	63	68	71	rBV	204440	327902	5.85%	0.475%
5	2.361	71	75	92	rVB2	314872	793126	14.15%	1.150%
6	2.776	137	143	153	rVV	111737	260524	4.65%	0.378%
7	2.891	155	162	179	rVB3	112478	403461	7.20%	0.585%
8	3.257	216	222	232	rVB	64674	159525	2.85%	0.231%
9	4.032	334	349	389	rBV5	537049	2782688	49.63%	4.034%
10	4.379	400	406	407	rBV2	4663	7142	0.13%	0.010%
11	4.666	443	453	467	rVB	77555	223082	3.98%	0.323%
12	4.903	478	492	514	rBV2	261556	1017891	18.16%	1.475%
13	5.172	527	536	549	rVV2	12099	40305	0.72%	0.058%
14	5.422	562	577	592	rBV	330054	1142242	20.37%	1.656%
15	5.928	650	660	671	rVB4	14069	44624	0.80%	0.065%
16	6.452	735	746	758	rVV3	48242	149945	2.67%	0.217%
17	6.537	758	760	763	rVV2	1533	1391	0.02%	0.002%
18	6.629	772	775	776	rBV2	1229	1185	0.02%	0.002%
19	6.799	800	803	806	rBV4	889	1354	0.02%	0.002%
20	6.958	825	829	832	rBV4	1089	1261	0.02%	0.002%
21	6.988	832	834	837	rBV2	1060	1273	0.02%	0.002%
22	7.074	837	848	856	rBV	89728	246285	4.39%	0.357%
23	7.171	856	864	877	rVB	175722	460299	8.21%	0.667%
24	7.330	888	890	894	rVB3	1406	1666	0.03%	0.002%
25	7.372	894	897	899	rBV3	833	1209	0.02%	0.002%
26	7.513	913	920	925	rBV8	3155	8895	0.16%	0.013%
27	7.659	930	944	955	rBV3	624016	2160257	38.53%	3.131%
28	7.763	955	961	972	rVB3	29318	67050	1.20%	0.097%
29	7.952	982	992	1006	rBV	655253	1720311	30.68%	2.494%
30	8.275	1032	1045	1047	rBV	891565	1908455	34.04%	2.766%
31	8.317	1048	1052	1063	rVB	1969873	4317996	77.02%	6.259%
32	8.616	1097	1101	1102	rBV3	1472	1742	0.03%	0.003%
33	8.677	1108	1111	1112	rBV3	1709	1980	0.04%	0.003%
34	8.842	1129	1138	1158	rVB	897896	1761480	31.42%	2.553%

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35	9.025	1164	1168	1169	rBV	4452	4759	0.08%	0.007%
36	9.092	1170	1179	1191	rVB	1673404	3274149	58.40%	4.746%
37	9.274	1199	1209	1217	rBV	601950	1220874	21.78%	1.770%
38	9.445	1230	1237	1247	rVB	35643	74170	1.32%	0.108%
39	9.646	1265	1270	1275	rVB5	3881	6997	0.12%	0.010%
40	9.762	1282	1289	1294	rBV6	4456	9308	0.17%	0.013%
41	9.890	1302	1310	1319	rBV4	13756	29629	0.53%	0.043%
42	10.037	1326	1334	1347	rBV	338665	725686	12.94%	1.052%
43	10.213	1356	1363	1365	rBV3	5382	9631	0.17%	0.014%
44	10.250	1365	1369	1373	rVV3	8135	14849	0.26%	0.022%
45	10.323	1373	1381	1386	rVV	1265525	2197611	39.20%	3.186%
46	10.390	1386	1392	1404	rVB	3191836	5606617	100.00%	8.127%
47	10.579	1415	1423	1433	rVB	235151	421614	7.52%	0.611%
48	10.701	1439	1443	1449	rVB	12399	21549	0.38%	0.031%
49	10.786	1449	1457	1463	rBV	527009	926589	16.53%	1.343%
50	10.860	1463	1469	1475	rVV	408978	703543	12.55%	1.020%
51	10.927	1475	1480	1492	rVB	360611	606523	10.82%	0.879%
52	11.073	1500	1504	1508	rVB5	3187	5390	0.10%	0.008%
53	11.128	1510	1513	1517	rVB5	3953	6777	0.12%	0.010%
54	11.183	1517	1522	1524	rBV5	2147	2893	0.05%	0.004%
55	11.225	1528	1529	1532	rBV3	989	1207	0.02%	0.002%
56	11.402	1555	1558	1563	rVB6	2340	2848	0.05%	0.004%
57	11.634	1587	1596	1606	rBV2	1313138	3270238	58.33%	4.740%
58	11.731	1606	1612	1623	rVV	1855895	2933114	52.32%	4.252%
59	11.847	1623	1631	1645	rVB	2191606	3448439	61.51%	4.999%
60	12.170	1675	1684	1694	rBV3	2060474	3823209	68.19%	5.542%
61	12.347	1706	1713	1722	rVB	142641	255803	4.56%	0.371%
62	12.469	1725	1733	1744	rBV	1558660	2462842	43.93%	3.570%
63	12.609	1750	1756	1762	rVB	41542	76132	1.36%	0.110%
64	12.695	1762	1770	1774	rBV2	517722	1108385	19.77%	1.607%
65	12.749	1774	1779	1793	rVB	1072649	1912036	34.10%	2.772%
66	12.865	1795	1798	1802	rVB5	1627	2215	0.04%	0.003%
67	12.902	1802	1804	1805	rBV2	1630	1284	0.02%	0.002%
68	12.945	1806	1811	1816	rVB5	5214	10096	0.18%	0.015%
69	13.103	1833	1837	1844	rVB2	8500	14981	0.27%	0.022%
70	13.201	1848	1853	1855	rBV4	2989	4243	0.08%	0.006%
71	13.255	1855	1862	1869	rBV	1858323	2783312	49.64%	4.035%

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72	13.396	1876	1885	1886	rBV9	4373	9771	0.17%	0.014%
73	13.444	1891	1893	1894	rVV	2196	1957	0.03%	0.003%
74	13.499	1895	1902	1907	rVV	1120893	1816328	32.40%	2.633%
75	13.560	1907	1912	1929	rVB2	1453019	3090332	55.12%	4.480%
76	13.768	1943	1946	1949	rVB5	2215	2615	0.05%	0.004%
77	13.853	1953	1960	1968	rBV	1090195	1838064	32.78%	2.664%
78	14.078	1991	1997	2004	rVV	36147	59491	1.06%	0.086%
79	14.194	2014	2016	2020	rVB5	1109	1437	0.03%	0.002%
80	14.286	2028	2031	2034	rBV5	960	1513	0.03%	0.002%
81	14.335	2034	2039	2042	rBV7	6233	8989	0.16%	0.013%
82	14.493	2061	2065	2068	rVB4	1432	2163	0.04%	0.003%
83	14.578	2077	2079	2082	rVB4	1287	1296	0.02%	0.002%
84	14.633	2082	2088	2093	rBV7	10060	18080	0.32%	0.026%
85	14.731	2102	2104	2109	rVB5	2854	3722	0.07%	0.005%
86	14.926	2134	2136	2138	rBV3	1245	1474	0.03%	0.002%
87	15.139	2163	2171	2178	rBV	806842	1356059	24.19%	1.966%
88	15.371	2201	2209	2213	rBV5	6996	17762	0.32%	0.026%
89	15.414	2213	2216	2218	rVV4	9689	14631	0.26%	0.021%
90	15.444	2218	2221	2225	rVV3	16255	27403	0.49%	0.040%
91	15.505	2225	2231	2235	rVV	140903	265964	4.74%	0.386%
92	15.560	2235	2240	2255	rVB	1117084	2023596	36.09%	2.933%
93	15.664	2255	2257	2259	rBV3	1394	1436	0.03%	0.002%
94	15.810	2275	2281	2287	rBV6	10431	21462	0.38%	0.031%
95	15.865	2287	2290	2292	rBV4	1653	2572	0.05%	0.004%
96	16.042	2317	2319	2326	rVB7	2365	4062	0.07%	0.006%
97	16.188	2341	2343	2346	rBV3	1578	1536	0.03%	0.002%
98	16.621	2411	2414	2416	rVB3	1478	1534	0.03%	0.002%
99	16.682	2422	2424	2426	rVB3	1697	1234	0.02%	0.002%
100	16.755	2432	2436	2439	rBV4	826	1329	0.02%	0.002%

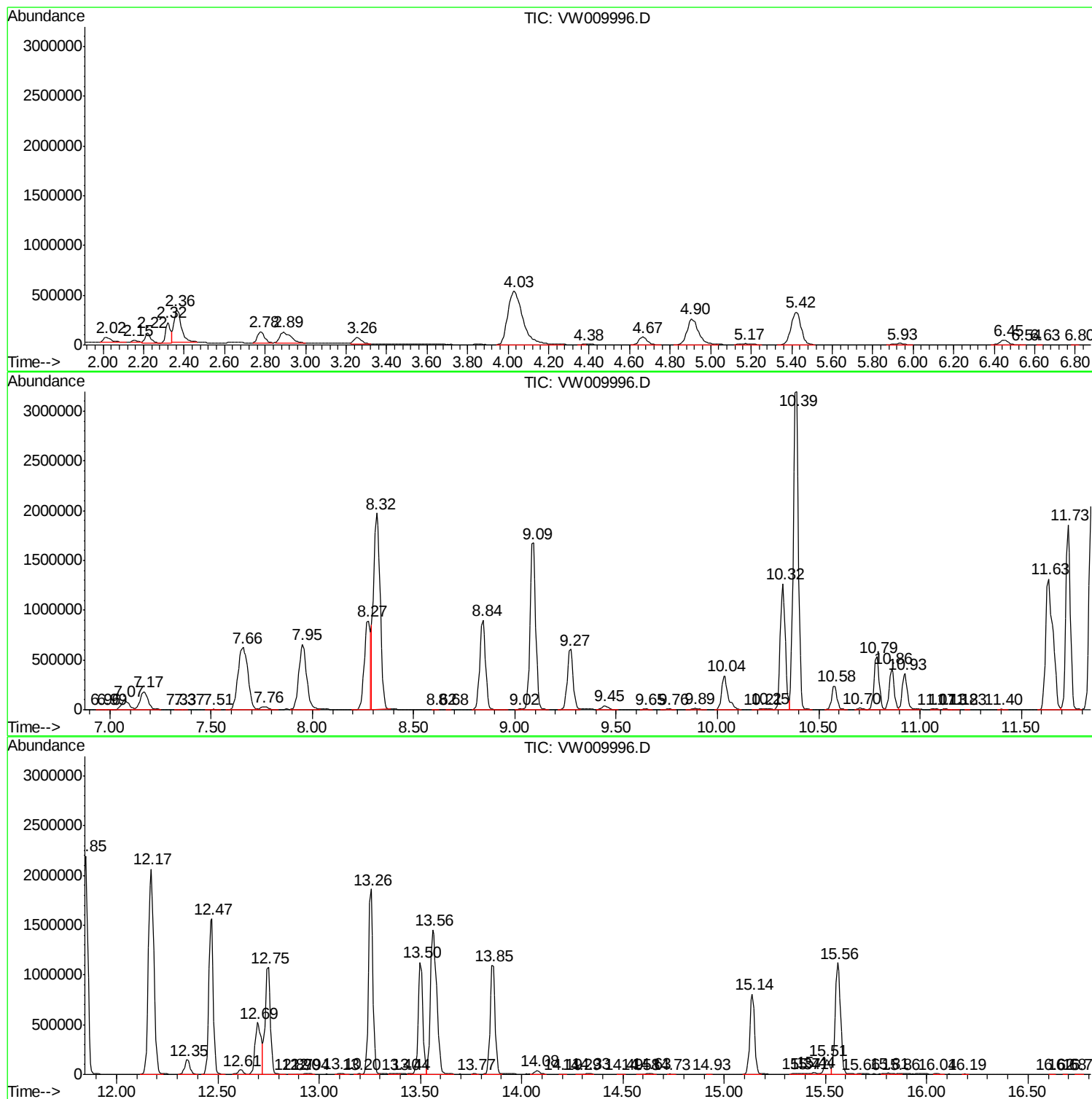
Sum of corrected areas: 68987137

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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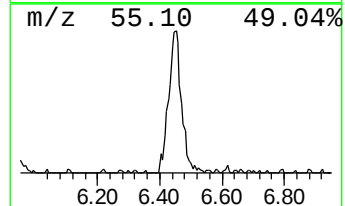
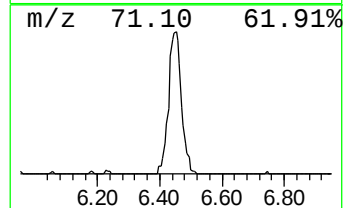
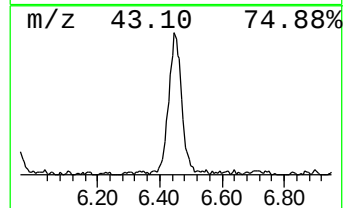
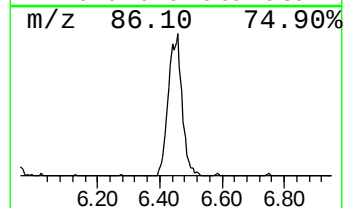
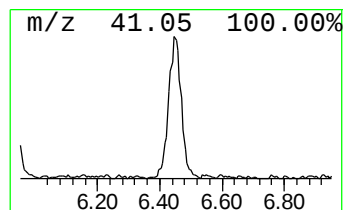
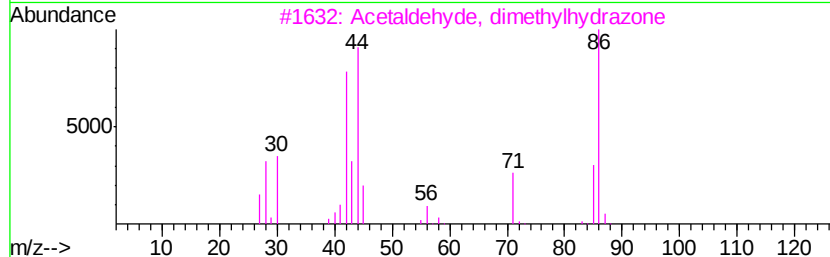
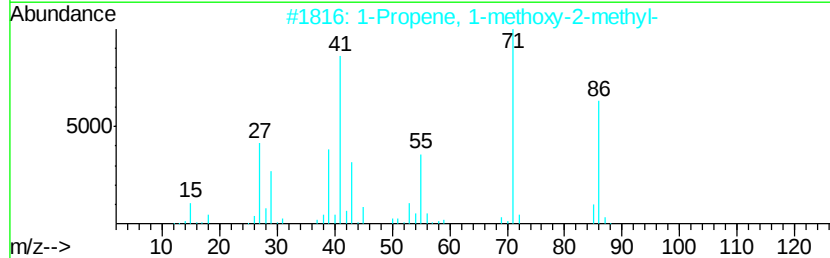
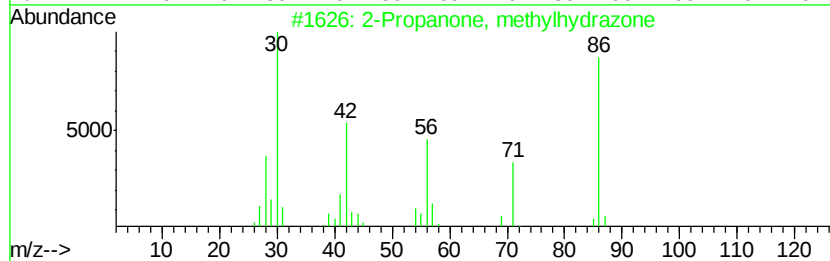
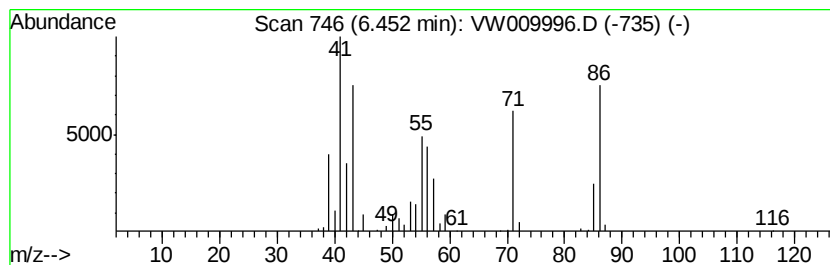
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 1 2-Propanone, methylhydrazone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	2.13 ug/L	149945	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, methylhydrazone	86	C4H10N2	005771-02-8	50
2			1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	43
3			Acetaldehyde, dimethylhydrazone	86	C4H10N2	007422-90-4	43
4			Oxirane, 2-ethyl-2-methyl-	86	C5H10O	030095-63-7	40
5			2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	38



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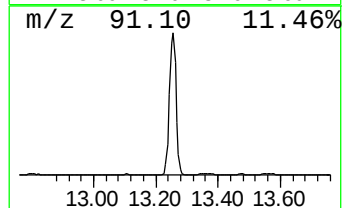
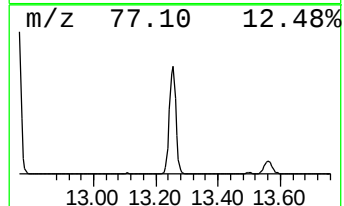
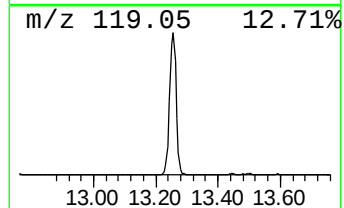
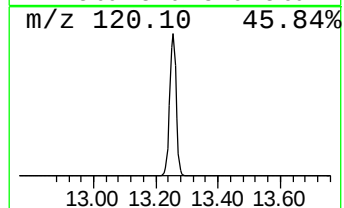
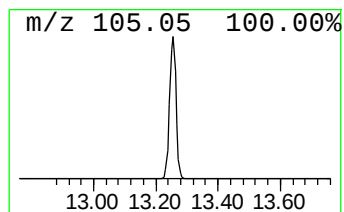
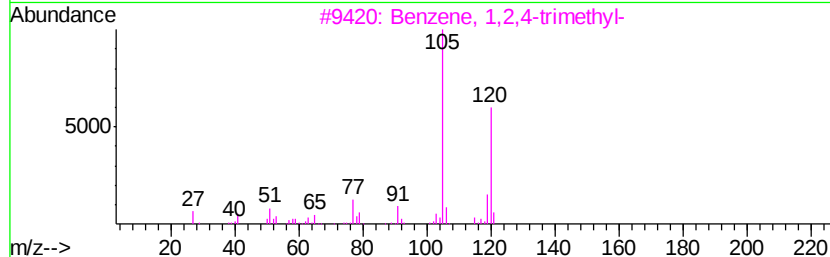
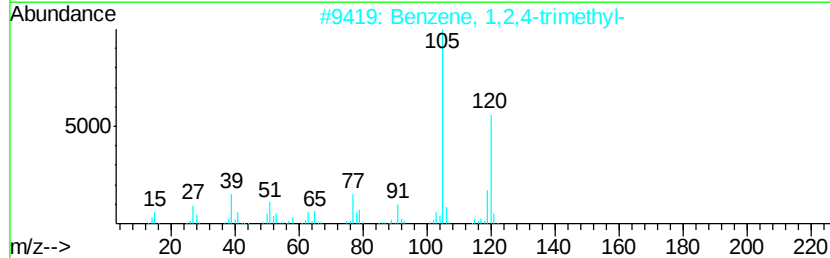
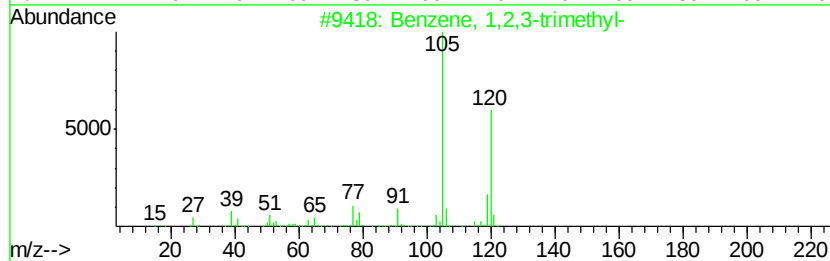
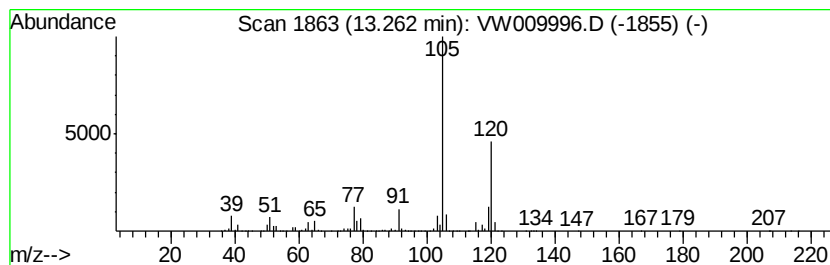
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Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	22.52 ug/L	2783310	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Mesitylene	120	C9H12	000108-67-8	94
5		Mesitylene	120	C9H12	000108-67-8	94



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Propanone, meth...	6.45	2.1	ug/L	149945	1	8.84	1761480	25.0
Benzene, 1,2,4-tr...	13.26	22.5	ug/L	2783310	3	13.56	3090330	25.0