

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072918\
 Data File : VW004290.D
 Acq On : 28 Jul 2018 00:31
 Operator : SY/AP
 Sample : J4204-06
 Misc : 4.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1J3

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\SOM2WLM072618S.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	1.746	18	26	28	rBV	13921	27023	1.16%	0.352%
2	1.807	28	36	57	rVB	1028714	2324411	100.00%	30.308%
3	2.349	118	125	138	rBV	74179	145237	6.25%	1.894%
4	2.886	206	213	226	rBV	50070	133069	5.72%	1.735%
5	3.800	360	363	366	rBV2	293	431	0.02%	0.006%
6	3.843	366	370	379	rVV4	818	2362	0.10%	0.031%
7	4.008	385	397	412	rBV	67513	237843	10.23%	3.101%
8	4.196	427	428	433	rVB	287	351	0.02%	0.005%
9	4.245	433	436	437	rBV	376	332	0.01%	0.004%
10	4.294	440	444	446	rBV	326	468	0.02%	0.006%
11	4.355	452	454	455	rBV2	451	390	0.02%	0.005%
12	4.642	495	501	502	rVB2	216	374	0.02%	0.005%
13	4.666	502	505	508	rBV2	326	506	0.02%	0.007%
14	4.745	516	518	520	rBV2	188	199	0.01%	0.003%
15	4.794	524	526	529	rBV2	148	191	0.01%	0.002%
16	4.910	534	545	556	rBV3	5330	19687	0.85%	0.257%
17	5.068	568	571	572	rBV	220	197	0.01%	0.003%
18	5.105	572	577	578	rVV2	249	334	0.01%	0.004%
19	5.257	600	602	604	rBV2	193	225	0.01%	0.003%
20	5.385	621	623	627	rBV	126	195	0.01%	0.003%
21	5.605	656	659	661	rBV	179	212	0.01%	0.003%
22	5.641	664	665	668	rBV	253	245	0.01%	0.003%
23	5.794	687	690	693	rBV	181	250	0.01%	0.003%
24	5.928	704	712	719	rVB5	1901	5055	0.22%	0.066%
25	6.184	751	754	755	rBV	186	187	0.01%	0.002%
26	6.483	801	803	806	rVB	201	195	0.01%	0.003%
27	6.568	816	817	821	rBV	200	238	0.01%	0.003%
28	6.617	821	825	827	rVV	190	320	0.01%	0.004%
29	6.720	839	842	844	rBB	235	213	0.01%	0.003%
30	7.013	887	890	892	rVB2	218	226	0.01%	0.003%
31	7.086	892	902	908	rBV2	19664	55469	2.39%	0.723%
32	7.324	939	941	945	rBB	224	247	0.01%	0.003%
33	7.367	945	948	949	rBV	230	255	0.01%	0.003%
34	7.391	949	952	956	rVV2	289	409	0.02%	0.005%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	7.647	984	994	1005	rBV	114184	276769	11.91%	3.609%
36	8.031	1055	1057	1061	rVB	187	201	0.01%	0.003%
37	8.275	1087	1097	1113	rBV2	218045	658929	28.35%	8.592%
38	8.397	1116	1117	1120	rBV	293	251	0.01%	0.003%
39	8.848	1181	1191	1202	rBV	247861	492345	21.18%	6.420%
40	9.001	1214	1216	1218	rBV	189	204	0.01%	0.003%
41	9.043	1221	1223	1224	rBV	394	351	0.02%	0.005%
42	9.080	1225	1229	1233	rVB2	1247	2067	0.09%	0.027%
43	9.281	1252	1262	1278	rVV	147432	302558	13.02%	3.945%
44	9.507	1297	1299	1302	rBV	167	217	0.01%	0.003%
45	9.604	1314	1315	1318	rVV2	276	239	0.01%	0.003%
46	9.665	1323	1325	1330	rVB2	314	427	0.02%	0.006%
47	9.708	1330	1332	1334	rBV	193	213	0.01%	0.003%
48	9.811	1346	1349	1351	rBV	235	316	0.01%	0.004%
49	9.854	1353	1356	1357	rBV	241	206	0.01%	0.003%
50	9.952	1370	1372	1373	rVB	304	189	0.01%	0.002%
51	9.970	1373	1375	1376	rBV	301	242	0.01%	0.003%
52	10.037	1379	1386	1395	rVB	81103	144177	6.20%	1.880%
53	10.134	1399	1402	1404	rBV	243	273	0.01%	0.004%
54	10.189	1408	1411	1413	rBV	332	384	0.02%	0.005%
55	10.330	1425	1434	1441	rBV	312839	545012	23.45%	7.106%
56	10.439	1450	1452	1456	rBV2	191	225	0.01%	0.003%
57	10.506	1458	1463	1467	rVV	379	622	0.03%	0.008%
58	10.579	1468	1475	1483	rVV	54297	94900	4.08%	1.237%
59	10.653	1485	1487	1489	rVV2	290	324	0.01%	0.004%
60	10.708	1491	1496	1505	rVV	11697	20769	0.89%	0.271%
61	10.787	1505	1509	1511	rVB	305	409	0.02%	0.005%
62	10.836	1515	1517	1519	rVB	297	245	0.01%	0.003%
63	10.927	1526	1532	1546	rVV	84979	141401	6.08%	1.844%
64	11.067	1548	1555	1567	rVB2	13828	24236	1.04%	0.316%
65	11.177	1571	1573	1577	rVB2	393	582	0.03%	0.008%
66	11.207	1577	1578	1580	rBV	205	186	0.01%	0.002%
67	11.232	1580	1582	1587	rVB2	648	883	0.04%	0.012%
68	11.293	1591	1592	1595	rBV	180	203	0.01%	0.003%
69	11.360	1600	1603	1605	rBV	186	191	0.01%	0.002%
70	11.403	1608	1610	1612	rVB	241	188	0.01%	0.002%
71	11.445	1612	1617	1622	rBV3	3342	5175	0.22%	0.067%

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72	11.512	1627	1628	1631	rBV	240	232	0.01%	0.003%
73	11.634	1641	1648	1658	rBV	313710	521882	22.45%	6.805%
74	11.738	1662	1665	1669	rVB	888	1097	0.05%	0.014%
75	11.841	1677	1682	1691	rVB5	1766	3981	0.17%	0.052%
76	11.921	1694	1695	1699	rVB	477	399	0.02%	0.005%
77	12.037	1712	1714	1717	rVB	353	280	0.01%	0.004%
78	12.073	1717	1720	1722	rBV	269	253	0.01%	0.003%
79	12.098	1722	1724	1726	rBV2	296	312	0.01%	0.004%
80	12.171	1734	1736	1742	rVB4	2262	2737	0.12%	0.036%
81	12.256	1744	1750	1754	rBV2	1148	1864	0.08%	0.024%
82	12.299	1754	1757	1759	rVB2	344	301	0.01%	0.004%
83	12.341	1761	1764	1766	rBV3	1148	1686	0.07%	0.022%
84	12.475	1781	1786	1789	rBV4	1115	1630	0.07%	0.021%
85	12.500	1789	1790	1793	rVB	346	273	0.01%	0.004%
86	12.549	1793	1798	1800	rBV2	796	1164	0.05%	0.015%
87	12.616	1803	1809	1814	rBV	14290	22334	0.96%	0.291%
88	12.701	1816	1823	1829	rVB	127280	208262	8.96%	2.716%
89	12.786	1832	1837	1845	rVB4	5191	10425	0.45%	0.136%
90	12.866	1845	1850	1853	rBV6	2603	4784	0.21%	0.062%
91	12.945	1859	1863	1868	rVB2	9624	16601	0.71%	0.216%
92	13.036	1877	1878	1880	rBV2	456	267	0.01%	0.003%
93	13.116	1882	1891	1897	rBV6	4378	11913	0.51%	0.155%
94	13.170	1897	1900	1908	rVB5	5331	8007	0.34%	0.104%
95	13.262	1911	1915	1919	rBV3	4863	8030	0.35%	0.105%
96	13.457	1941	1947	1950	rBV6	6876	14571	0.63%	0.190%
97	13.567	1959	1965	1974	rVB	277134	454028	19.53%	5.920%
98	13.859	2008	2013	2022	rVB	228041	404792	17.41%	5.278%
99	14.213	2067	2071	2078	rVB2	43449	75046	3.23%	0.979%
100	14.804	2163	2168	2174	rBV2	95053	218683	9.41%	2.851%

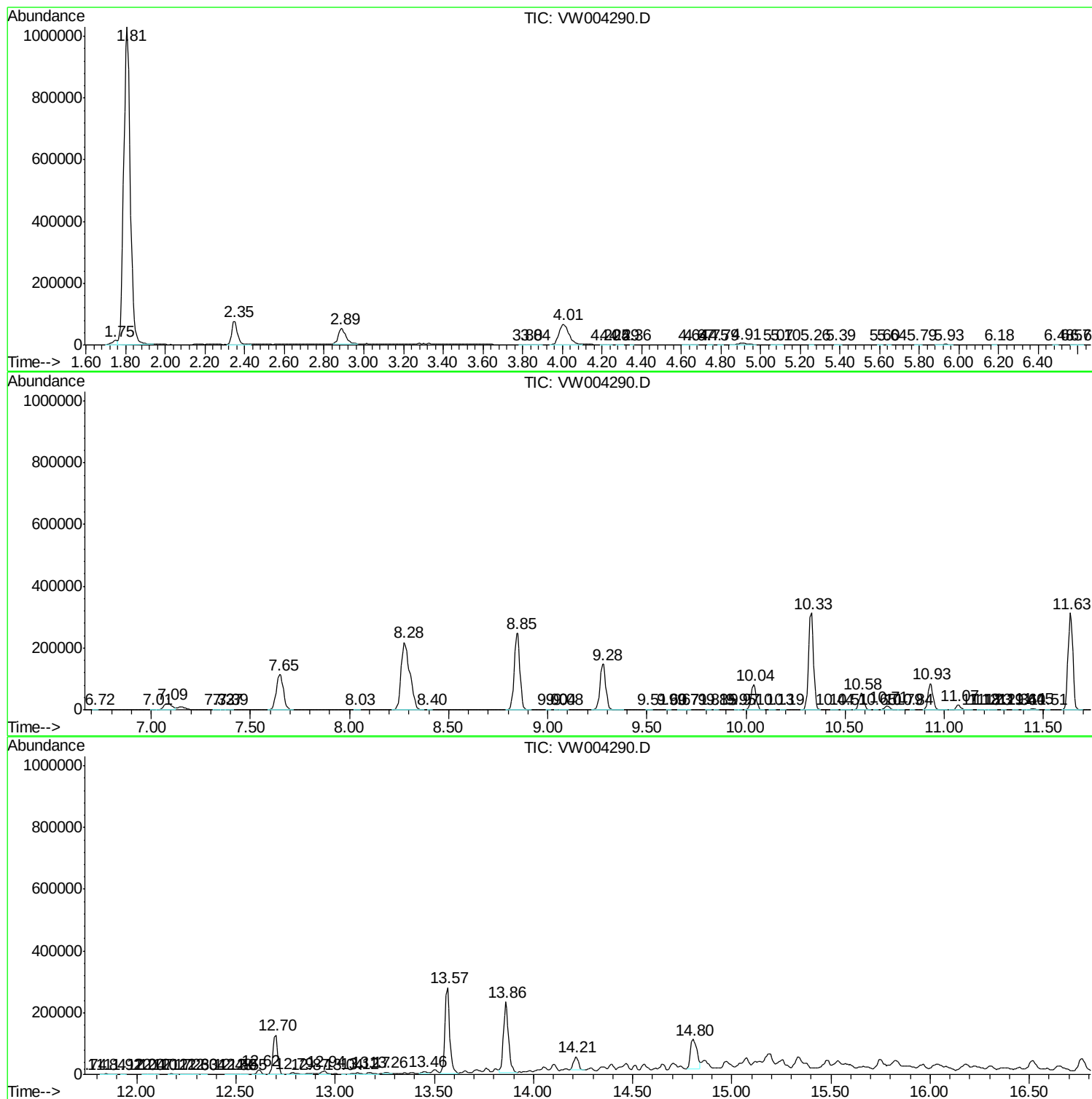
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis

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



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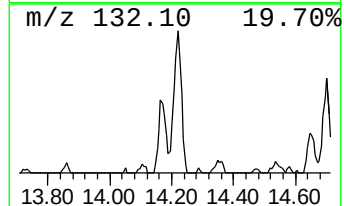
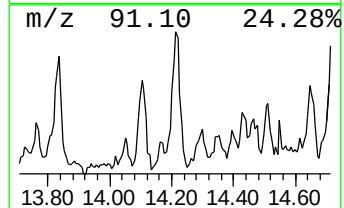
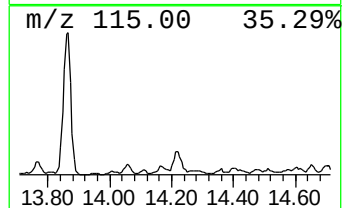
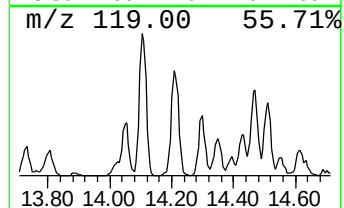
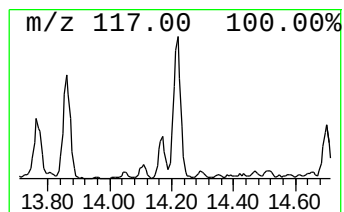
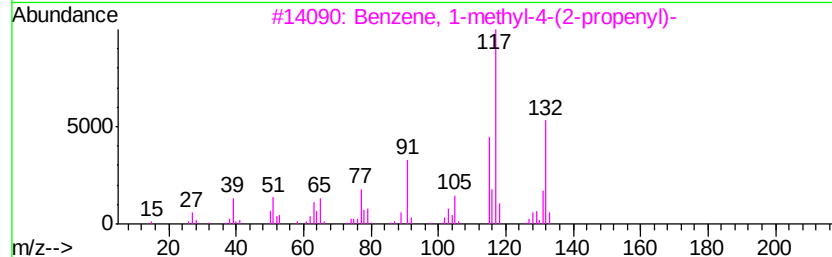
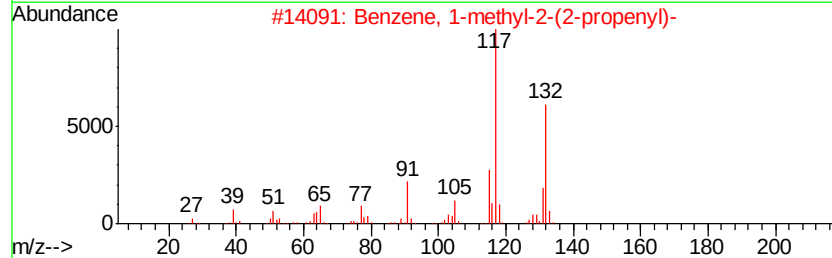
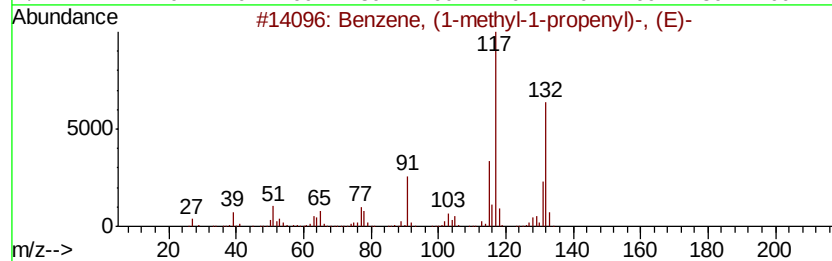
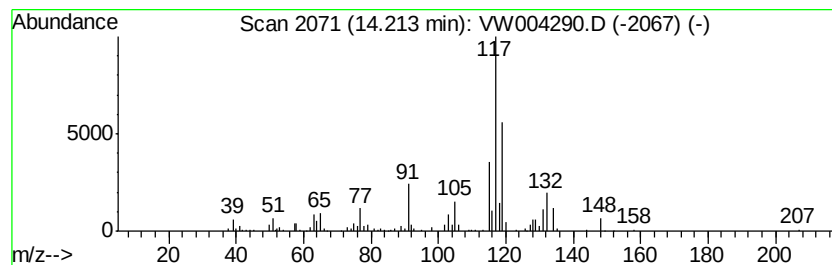
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, (1-methyl-1-propen... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	4.13 ug/L	75046	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	62
4			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	58
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	58



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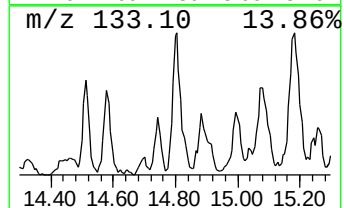
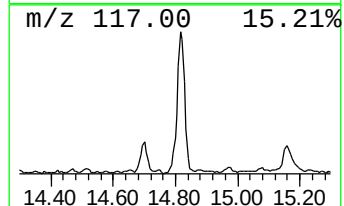
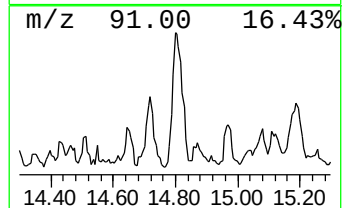
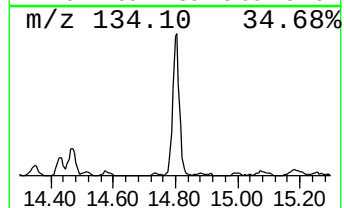
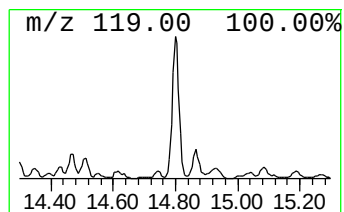
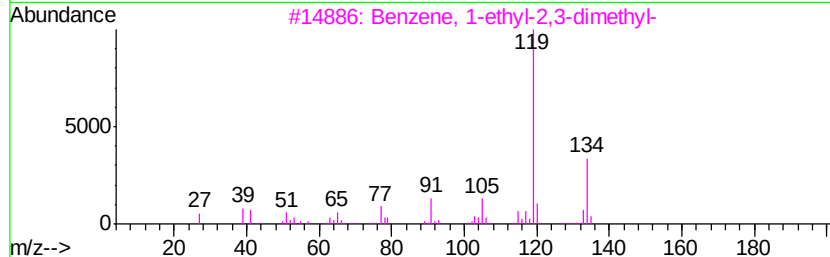
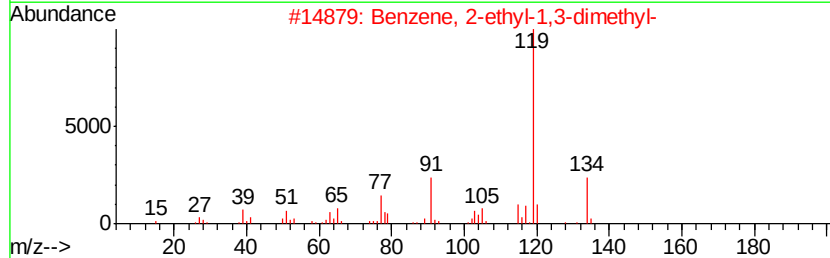
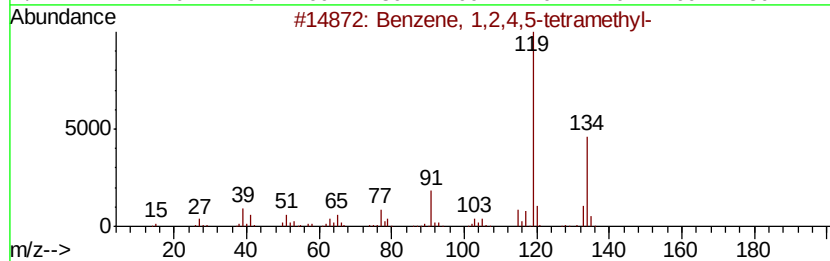
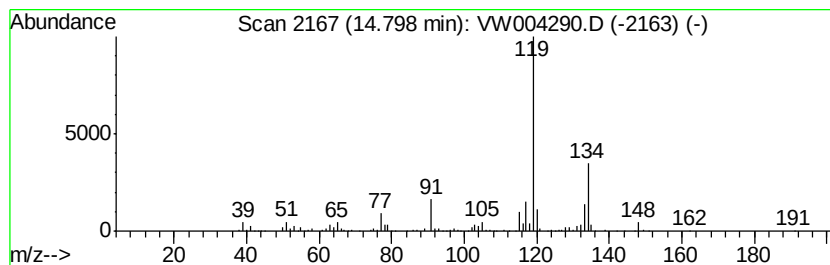
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	12.04 ug/L	218683	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	68
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, (1-methy...	14.21	4.1	ug/L	75046	3	13.57	454028	25.0
Benzene, 1,2,4,5-...	14.80	12.0	ug/L	218683	3	13.57	454028	25.0