

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
 Data File : VW027768.D
 Acq On : 19 Dec 2023 10:52
 Operator : SY/MD
 Sample : 05891-14
 Misc : 4.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCLS4

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_W\Method\SFAMWLM121523SMA.M
 Title : SFAM01.0

Signal : TIC: VW027768.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	70	78	92	rBV	132515	278022	16.22%	2.029%
2	2.515	99	103	109	rVB2	1886	4185	0.24%	0.031%
3	2.899	157	166	184	rBV	77288	225043	13.13%	1.642%
4	3.308	230	233	236	rVB4	564	705	0.04%	0.005%
5	3.399	241	248	257	rVB2	4149	9994	0.58%	0.073%
6	3.704	294	298	299	rVV2	447	597	0.03%	0.004%
7	3.728	300	302	305	rVV3	436	579	0.03%	0.004%
8	4.021	339	350	362	rBV	233963	621563	36.26%	4.536%
9	4.161	362	373	396	rVB	67658	272839	15.92%	1.991%
10	4.515	421	431	432	rBV2	385	820	0.05%	0.006%
11	4.917	483	497	509	rBV	21463	67499	3.94%	0.493%
12	5.259	547	553	554	rBV3	410	511	0.03%	0.004%
13	5.417	577	579	587	rVB3	287	603	0.04%	0.004%
14	5.795	631	641	652	rVB5	1831	6474	0.38%	0.047%
15	5.948	656	666	679	rBV3	6510	19660	1.15%	0.143%
16	6.600	769	773	776	rBV2	329	591	0.03%	0.004%
17	6.911	814	824	832	rBV4	1639	4927	0.29%	0.036%
18	7.094	844	854	859	rBV	26401	77111	4.50%	0.563%
19	7.545	921	928	935	rBV3	2987	8596	0.50%	0.063%
20	7.648	935	945	958	rVB	293918	719256	41.96%	5.249%
21	7.929	989	991	996	rVB4	400	604	0.04%	0.004%
22	8.167	1024	1030	1032	rBV5	556	1029	0.06%	0.008%
23	8.276	1037	1048	1064	rBV2	606399	1714009	100.00%	12.509%
24	8.478	1077	1081	1086	rVB3	685	996	0.06%	0.007%
25	8.551	1086	1093	1101	rVB5	3703	9316	0.54%	0.068%
26	8.703	1111	1118	1127	rBV2	6385	15985	0.93%	0.117%
27	8.843	1132	1141	1151	rBV	695731	1373657	80.14%	10.025%
28	9.038	1169	1173	1174	rBV3	637	661	0.04%	0.005%
29	9.148	1189	1191	1197	rVB5	571	664	0.04%	0.005%
30	9.270	1202	1211	1227	rBV	366365	766452	44.72%	5.594%
31	9.410	1231	1234	1244	rVB4	3414	7280	0.42%	0.053%
32	9.660	1270	1275	1279	rBV6	1199	2784	0.16%	0.020%
33	9.758	1284	1291	1300	rBV2	7533	15538	0.91%	0.113%
34	9.886	1304	1312	1320	rBV2	18242	37245	2.17%	0.272%
35	9.953	1320	1323	1325	rBV2	562	564	0.03%	0.004%
36	10.032	1329	1336	1344	rBV	202823	358198	20.90%	2.614%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Title : SFAM01.0

37	10.215	1359	1366	1367	rBV2	4707	7991	0.47%	0.058%
38	10.246	1367	1371	1376	rVV2	8901	17269	1.01%	0.126%
39	10.319	1376	1383	1390	rVV	858699	1524693	88.95%	11.127%
40	10.386	1390	1394	1407	rVB	64991	115446	6.74%	0.843%
41	10.502	1407	1413	1418	rBV3	3760	7048	0.41%	0.051%
42	10.575	1418	1425	1439	rBV	111791	195729	11.42%	1.428%
43	10.697	1439	1445	1452	rVB	15011	27924	1.63%	0.204%
44	10.770	1452	1457	1463	rVB3	3011	5739	0.33%	0.042%
45	10.843	1463	1469	1476	rBV4	4010	8335	0.49%	0.061%
46	10.922	1476	1482	1498	rBV	121666	221690	12.93%	1.618%
47	11.069	1501	1506	1519	rVB3	19337	33995	1.98%	0.248%
48	11.172	1519	1523	1529	rVB5	977	1813	0.11%	0.013%
49	11.276	1538	1540	1542	rBV2	517	568	0.03%	0.004%
50	11.337	1547	1550	1554	rVB5	1393	2213	0.13%	0.016%
51	11.398	1554	1560	1564	rBV2	4343	7966	0.46%	0.058%
52	11.508	1574	1578	1581	rBV5	967	1446	0.08%	0.011%
53	11.629	1588	1598	1604	rBV	887651	1501990	87.63%	10.961%
54	11.727	1610	1614	1620	rVB	21785	38818	2.26%	0.283%
55	11.831	1624	1631	1646	rBV	75421	168218	9.81%	1.228%
56	11.989	1655	1657	1660	rVB2	546	572	0.03%	0.004%
57	12.062	1666	1669	1670	rBV2	781	703	0.04%	0.005%
58	12.093	1671	1674	1678	rBV4	588	940	0.05%	0.007%
59	12.166	1678	1686	1693	rBV3	32218	61862	3.61%	0.451%
60	12.239	1693	1698	1707	rVB2	8179	14875	0.87%	0.109%
61	12.337	1708	1714	1721	rBV3	9273	16963	0.99%	0.124%
62	12.465	1729	1735	1741	rBV2	3606	6462	0.38%	0.047%
63	12.599	1749	1757	1763	rBV2	33155	59100	3.45%	0.431%
64	12.690	1765	1772	1779	rVV	230288	378308	22.07%	2.761%
65	12.751	1779	1782	1786	rVV4	1839	3007	0.18%	0.022%
66	12.800	1787	1790	1795	rVB2	3326	4797	0.28%	0.035%
67	12.861	1795	1800	1804	rBV	9611	16506	0.96%	0.120%
68	12.934	1807	1812	1823	rVB	22226	44850	2.62%	0.327%
69	13.032	1823	1828	1833	rBV5	1737	3926	0.23%	0.029%
70	13.105	1833	1840	1845	rVB4	4340	9958	0.58%	0.073%
71	13.184	1850	1853	1858	rVB2	1993	2242	0.13%	0.016%
72	13.245	1858	1863	1866	rBV	14952	24767	1.44%	0.181%
73	13.397	1881	1888	1894	rBV4	13329	26924	1.57%	0.196%
74	13.495	1898	1904	1908	rVV	57181	93794	5.47%	0.685%
75	13.556	1908	1914	1926	rVV	787899	1310514	76.46%	9.564%
76	13.641	1926	1928	1933	rVB4	3855	5734	0.33%	0.042%

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 Title : SFAM01.0

77	13.751	1942	1946	1950	rBV4	2974	5945	0.35%	0.043%
78	13.849	1955	1962	1976	rVV	574644	958925	55.95%	6.998%
79	14.019	1984	1990	1992	rBV5	2295	4576	0.27%	0.033%
80	14.062	1992	1997	2006	rVB2	10301	19965	1.16%	0.146%
81	14.220	2016	2023	2031	rBV	6969	12425	0.72%	0.091%
82	14.324	2034	2040	2047	rBV5	11500	20799	1.21%	0.152%
83	14.416	2053	2055	2059	rVB4	1058	1446	0.08%	0.011%
84	14.519	2068	2072	2082	rVB4	4133	8282	0.48%	0.060%
85	14.617	2082	2088	2097	rBV4	8598	18862	1.10%	0.138%
86	14.720	2101	2105	2108	rVV6	2234	3511	0.20%	0.026%
87	14.775	2111	2114	2121	rBV5	1186	2613	0.15%	0.019%
88	15.068	2157	2162	2169	rBV5	3916	7719	0.45%	0.056%
89	15.172	2176	2179	2186	rVB5	2286	3816	0.22%	0.028%
90	15.360	2204	2210	2214	rBV	8250	14408	0.84%	0.105%
91	15.428	2217	2221	2226	rVB2	4434	7358	0.43%	0.054%
92	15.482	2226	2230	2236	rVB5	1320	2550	0.15%	0.019%
93	15.537	2236	2239	2241	rBV4	690	938	0.05%	0.007%
94	15.678	2260	2262	2267	rVB6	747	865	0.05%	0.006%
95	15.787	2278	2280	2285	rVB3	1018	1207	0.07%	0.009%
96	15.830	2285	2287	2290	rVB3	533	549	0.03%	0.004%
97	15.952	2303	2307	2313	rBV7	1638	3611	0.21%	0.026%
98	16.299	2362	2364	2367	rVV3	421	566	0.03%	0.004%
99	16.379	2374	2377	2379	rBV3	746	781	0.05%	0.006%
100	16.696	2427	2429	2432	rVV4	399	520	0.03%	0.004%

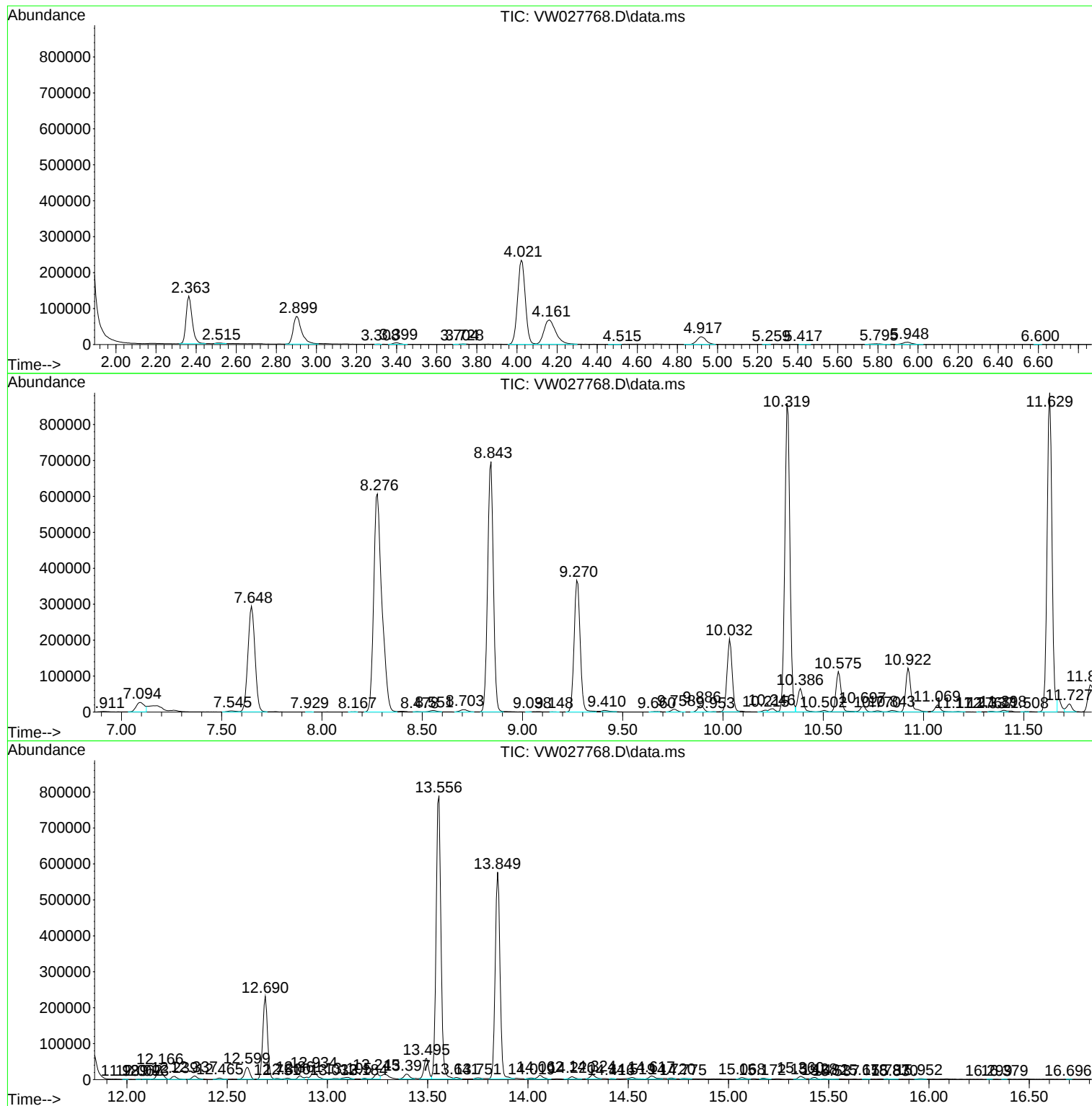
Sum of corrected areas: 13702489

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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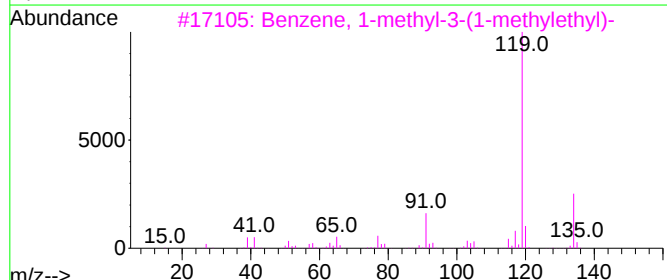
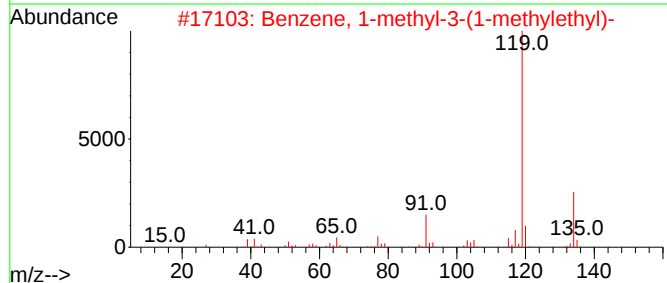
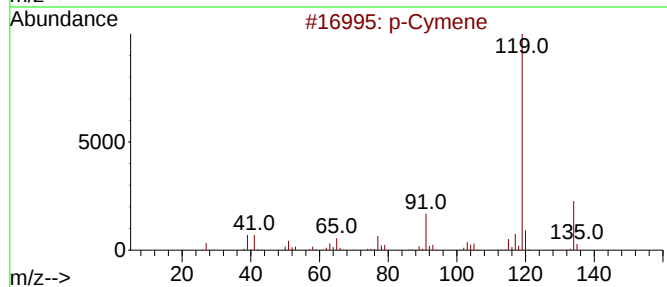
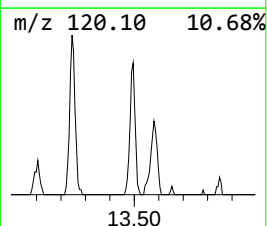
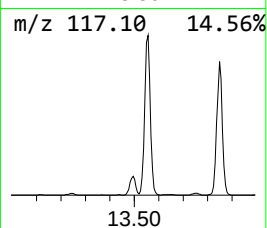
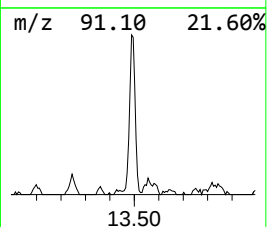
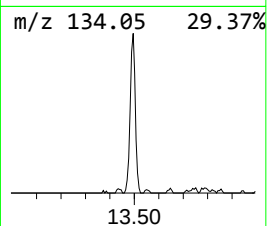
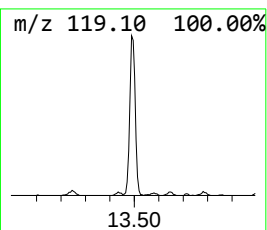
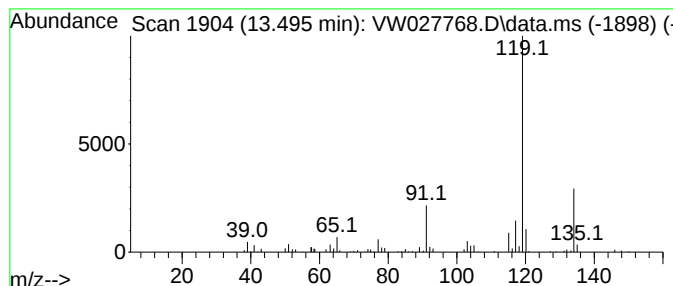
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 p-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.495	1.79 ug/L	93794	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	97
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
p-Cymene	13.495	1.8	ug/L	93794	3	13.556	1310510	25.0