

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027684.D
 Acq On : 16 Dec 2023 12:14
 Operator : SY/MD
 Sample : 05788-06
 Misc : 4.12g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCLS0

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: VW027684.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	71	78	95	rVB	143830	323278	17.20%	2.274%
2	2.899	158	166	185	rVB	96605	275409	14.65%	1.937%
3	3.399	240	248	257	rVB3	5431	12795	0.68%	0.090%
4	3.674	290	293	294	rBV2	784	659	0.04%	0.005%
5	3.887	326	328	331	rVB2	389	431	0.02%	0.003%
6	4.021	338	350	360	rBV	261579	694398	36.95%	4.884%
7	4.137	360	369	387	rVB	83482	259635	13.81%	1.826%
8	4.436	416	418	421	rBV2	618	837	0.04%	0.006%
9	4.923	485	498	511	rBV2	21406	69444	3.69%	0.488%
10	5.149	530	535	537	rBV3	283	516	0.03%	0.004%
11	5.204	537	544	545	rBV4	1338	2553	0.14%	0.018%
12	5.795	632	641	651	rVB6	1946	6191	0.33%	0.044%
13	5.948	655	666	676	rVB2	7031	21173	1.13%	0.149%
14	6.124	691	695	697	rVV3	314	542	0.03%	0.004%
15	6.905	817	823	824	rBV2	1521	2240	0.12%	0.016%
16	7.002	835	839	841	rBV3	309	458	0.02%	0.003%
17	7.081	844	852	858	rBV	34341	99752	5.31%	0.702%
18	7.545	921	928	935	rBV3	2668	7217	0.38%	0.051%
19	7.648	935	945	959	rVB	308060	761768	40.53%	5.358%
20	7.764	962	964	970	rVB4	824	1330	0.07%	0.009%
21	8.276	1037	1048	1063	rBV2	681414	1879496	100.00%	13.220%
22	8.465	1078	1079	1084	rBV4	512	629	0.03%	0.004%
23	8.557	1084	1094	1102	rVB5	4199	9562	0.51%	0.067%
24	8.624	1104	1105	1110	rVB2	483	647	0.03%	0.005%
25	8.703	1110	1118	1126	rBV3	6411	16808	0.89%	0.118%
26	8.837	1132	1140	1154	rBV	677977	1365707	72.66%	9.606%
27	9.051	1173	1175	1176	rBV	682	501	0.03%	0.004%
28	9.270	1203	1211	1222	rBV	407027	837869	44.58%	5.893%
29	9.410	1229	1234	1244	rVB3	4713	10493	0.56%	0.074%
30	9.666	1267	1276	1286	rBV4	1380	3661	0.19%	0.026%
31	9.752	1286	1290	1296	rBV3	571	1050	0.06%	0.007%
32	9.880	1306	1311	1319	rBV4	703	1698	0.09%	0.012%
33	9.959	1319	1324	1327	rBV2	695	948	0.05%	0.007%
34	10.032	1327	1336	1349	rBV	220913	400736	21.32%	2.819%
35	10.215	1360	1366	1375	rBV2	4601	10035	0.53%	0.071%
36	10.325	1375	1384	1390	rBV	920870	1670575	88.88%	11.750%

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

37	10.386	1390	1394	1406	rVB	54603	97345	5.18%	0.685%
38	10.502	1406	1413	1418	rVB5	3206	5571	0.30%	0.039%
39	10.575	1418	1425	1433	rBV	131795	223107	11.87%	1.569%
40	10.697	1441	1445	1450	rVB2	3326	4695	0.25%	0.033%
41	10.758	1451	1455	1462	rVB6	741	1757	0.09%	0.012%
42	10.849	1462	1470	1476	rBV6	3773	8503	0.45%	0.060%
43	10.922	1476	1482	1501	rBV	152931	269797	14.35%	1.898%
44	11.069	1501	1506	1520	rVB	19602	35505	1.89%	0.250%
45	11.337	1546	1550	1555	rVB5	1136	1816	0.10%	0.013%
46	11.404	1555	1561	1569	rVB3	4111	8072	0.43%	0.057%
47	11.507	1573	1578	1580	rBV4	1049	1429	0.08%	0.010%
48	11.562	1585	1587	1590	rVB2	594	609	0.03%	0.004%
49	11.629	1590	1598	1604	rBV	867799	1489213	79.23%	10.475%
50	11.727	1610	1614	1621	rVB	17259	28902	1.54%	0.203%
51	11.831	1624	1631	1642	rBV	62754	127727	6.80%	0.898%
52	12.020	1661	1662	1666	rVB3	388	499	0.03%	0.004%
53	12.160	1676	1685	1693	rVV3	26372	51571	2.74%	0.363%
54	12.233	1693	1697	1705	rVB	8373	14916	0.79%	0.105%
55	12.337	1708	1714	1724	rVB4	9715	20358	1.08%	0.143%
56	12.465	1727	1735	1740	rBV3	2437	4710	0.25%	0.033%
57	12.513	1740	1743	1745	rBV3	710	874	0.05%	0.006%
58	12.593	1749	1756	1763	rVB2	7884	17085	0.91%	0.120%
59	12.690	1763	1772	1779	rBV	259299	431514	22.96%	3.035%
60	12.800	1786	1790	1795	rVB	3398	5195	0.28%	0.037%
61	12.861	1795	1800	1803	rBV	7670	12268	0.65%	0.086%
62	12.934	1808	1812	1822	rVV3	16996	35138	1.87%	0.247%
63	13.038	1826	1829	1832	rBV3	1288	2104	0.11%	0.015%
64	13.093	1833	1838	1843	rVB3	3137	6657	0.35%	0.047%
65	13.184	1851	1853	1857	rVB3	1045	1245	0.07%	0.009%
66	13.245	1857	1863	1867	rBV	12688	25011	1.33%	0.176%
67	13.397	1883	1888	1893	rBV3	10130	17307	0.92%	0.122%
68	13.495	1898	1904	1908	rVV	56922	90636	4.82%	0.638%
69	13.556	1908	1914	1926	rVV	783197	1295568	68.93%	9.113%
70	13.641	1926	1928	1933	rVB4	2277	3555	0.19%	0.025%
71	13.757	1941	1947	1950	rBV4	2239	4726	0.25%	0.033%
72	13.849	1955	1962	1975	rBV2	612683	1005518	53.50%	7.072%
73	14.019	1985	1990	1991	rBV3	2117	3166	0.17%	0.022%
74	14.062	1994	1997	2008	rVB3	4788	9135	0.49%	0.064%
75	14.147	2008	2011	2014	rVB5	1005	1346	0.07%	0.009%
76	14.220	2016	2023	2031	rBV3	4480	9219	0.49%	0.065%

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 Title : SFAM01.0

77	14.318	2035	2039	2047	rVB5	8576	15635	0.83%	0.110%
78	14.416	2053	2055	2060	rVB4	857	732	0.04%	0.005%
79	14.489	2063	2067	2070	rBV5	1508	2421	0.13%	0.017%
80	14.617	2083	2088	2095	rBV4	5435	10737	0.57%	0.076%
81	14.714	2101	2104	2110	rVB7	2241	3193	0.17%	0.022%
82	14.793	2111	2117	2119	rBV5	1328	2290	0.12%	0.016%
83	14.989	2146	2149	2152	rVB5	650	943	0.05%	0.007%
84	15.068	2157	2162	2168	rBV8	2704	5833	0.31%	0.041%
85	15.117	2168	2170	2172	rVV3	692	644	0.03%	0.005%
86	15.165	2174	2178	2182	rBV5	2247	3736	0.20%	0.026%
87	15.239	2188	2190	2197	rVB4	1024	1684	0.09%	0.012%
88	15.360	2203	2210	2216	rBV	8666	17310	0.92%	0.122%
89	15.428	2216	2221	2227	rVB	9069	14684	0.78%	0.103%
90	15.549	2238	2241	2244	rBV5	901	1316	0.07%	0.009%
91	15.671	2258	2261	2267	rVB6	886	1761	0.09%	0.012%
92	15.751	2272	2274	2276	rVV3	604	638	0.03%	0.004%
93	15.787	2277	2280	2283	rVB4	1384	1647	0.09%	0.012%
94	15.836	2286	2288	2292	rVV4	557	543	0.03%	0.004%
95	15.958	2304	2308	2313	rVB4	1071	2141	0.11%	0.015%
96	16.031	2318	2320	2322	rBV3	696	628	0.03%	0.004%
97	16.086	2324	2329	2332	rBV5	1314	2332	0.12%	0.016%
98	16.220	2345	2351	2352	rBV4	695	991	0.05%	0.007%
99	16.379	2371	2377	2379	rBV5	314	552	0.03%	0.004%
100	16.647	2419	2421	2423	rBV	702	554	0.03%	0.004%

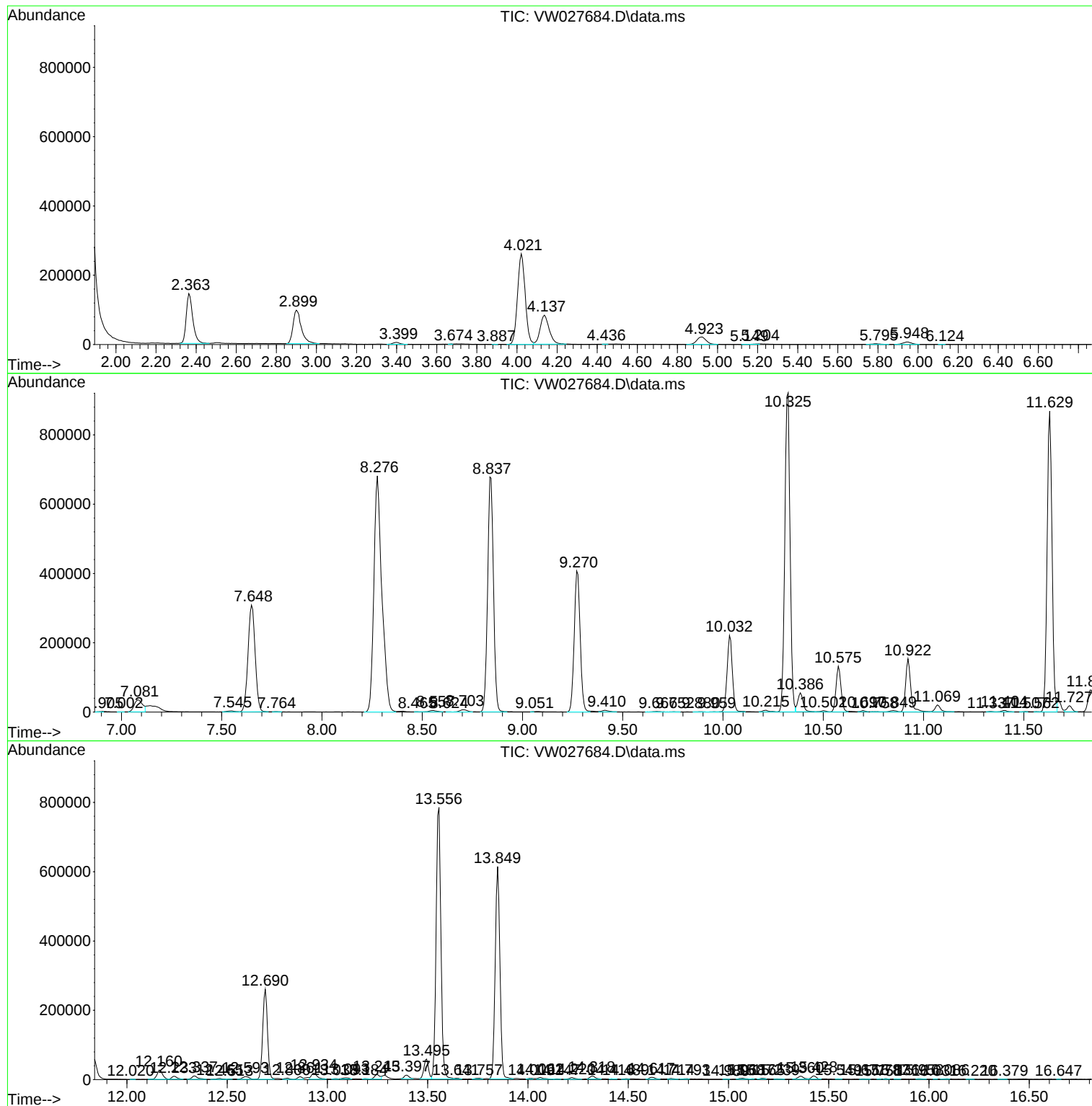
Sum of corrected areas: 14217355

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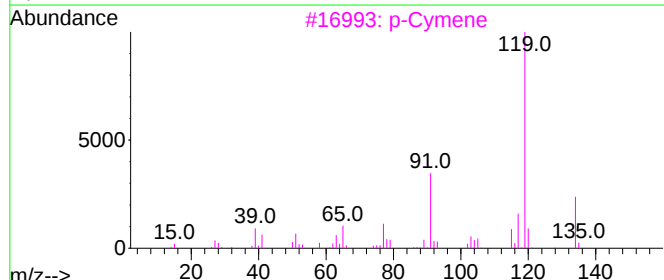
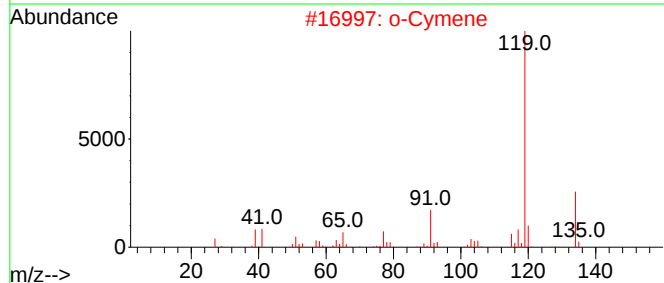
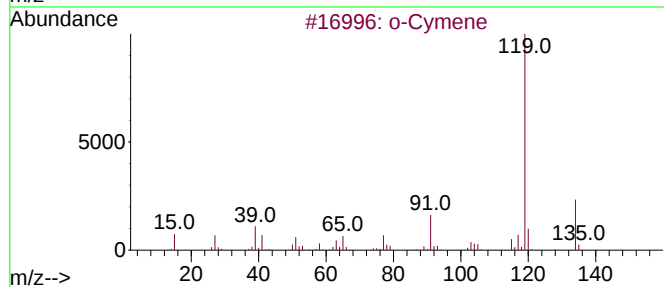
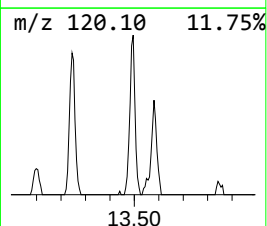
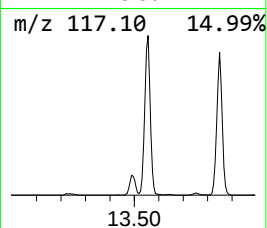
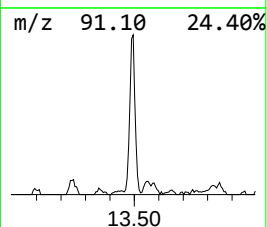
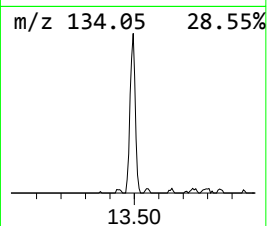
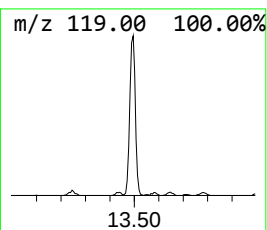
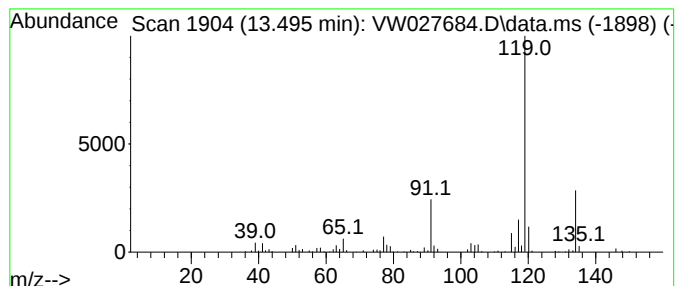
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.495	1.75 ug/L	90636	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	97
2			o-Cymene	134	C10H14	000527-84-4	97
3			p-Cymene	134	C10H14	000099-87-6	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			p-Cymene	134	C10H14	000099-87-6	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
o-Cymene	13.495	1.8	ug/L	90636	3	13.550	1295570	25.0