

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
 Data File : VW025936.D
 Acq On : 10 May 2023 17:41
 Operator : SY/MD
 Sample : 02689-12
 Misc : 3.66g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREM4

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\SFAMWLM050123SMA.M
 Title : SFAM01.0

Signal : TIC: VW025936.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.149	39	43	50	rBV2	21457	41305	1.31%	0.187%
2	2.363	71	78	94	rVB2	170836	424604	13.51%	1.927%
3	2.887	158	164	182	rBV	110227	310953	9.89%	1.411%
4	3.393	242	247	253	rVB4	6056	13976	0.44%	0.063%
5	4.015	337	349	361	rBV	314041	1015476	32.31%	4.609%
6	4.125	361	367	375	rVV	43641	132637	4.22%	0.602%
7	4.198	377	379	389	rVB3	14943	32265	1.03%	0.146%
8	4.393	401	411	413	rBV8	6498	16296	0.52%	0.074%
9	4.551	435	437	440	rVB3	3030	2467	0.08%	0.011%
10	4.655	448	454	457	rBV8	1469	3138	0.10%	0.014%
11	4.801	476	478	481	rVB4	2461	2401	0.08%	0.011%
12	4.832	481	483	486	rBV4	2301	3081	0.10%	0.014%
13	4.917	486	497	522	rBV2	82499	335100	10.66%	1.521%
14	5.179	538	540	544	rVV5	2241	3099	0.10%	0.014%
15	5.411	575	578	580	rBV4	3140	3828	0.12%	0.017%
16	5.435	580	582	585	rVV4	2717	3279	0.10%	0.015%
17	5.490	589	591	594	rVB4	2229	2346	0.07%	0.011%
18	5.600	607	609	613	rBV5	1676	3102	0.10%	0.014%
19	5.746	629	633	634	rBV4	1558	2129	0.07%	0.010%
20	5.941	656	665	675	rVV3	28744	87046	2.77%	0.395%
21	6.167	700	702	705	rVB4	1915	1999	0.06%	0.009%
22	6.197	705	707	710	rBV4	1849	2603	0.08%	0.012%
23	6.234	710	713	715	rBV4	2003	2305	0.07%	0.010%
24	6.874	813	818	819	rBV5	2338	3503	0.11%	0.016%
25	6.996	831	838	843	rBV10	5422	14446	0.46%	0.066%
26	7.075	843	851	862	rBV	71780	227118	7.23%	1.031%
27	7.447	909	912	916	rVV6	2265	4320	0.14%	0.020%
28	7.496	918	920	921	rVV2	2027	2039	0.06%	0.009%
29	7.514	921	923	927	rVV4	3613	5667	0.18%	0.026%
30	7.648	934	945	959	rVV	513860	1268188	40.35%	5.756%
31	7.782	965	967	972	rVB6	1697	2797	0.09%	0.013%
32	7.953	983	995	1002	rBV6	7083	24857	0.79%	0.113%
33	8.124	1021	1023	1026	rBV3	1991	3075	0.10%	0.014%
34	8.154	1026	1028	1033	rVB6	3440	4998	0.16%	0.023%
35	8.276	1038	1048	1066	rBV2	1063580	3143061	100.00%	14.266%
36	8.691	1109	1116	1119	rBV7	5837	11683	0.37%	0.053%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Title : SFAM01.0

37	8.843	1131	1141	1150	rBV	1069009	2112525	67.21%	9.589%
38	9.063	1173	1177	1178	rBV4	3498	3601	0.11%	0.016%
39	9.270	1201	1211	1221	rBV	742748	1509929	48.04%	6.854%
40	9.404	1231	1233	1237	rVB5	3295	4128	0.13%	0.019%
41	9.435	1237	1238	1241	rBV2	2296	2481	0.08%	0.011%
42	9.508	1247	1250	1251	rBV3	1795	2018	0.06%	0.009%
43	9.672	1274	1277	1282	rVB7	3072	5002	0.16%	0.023%
44	9.758	1286	1291	1296	rVB9	4051	8822	0.28%	0.040%
45	9.892	1308	1313	1318	rVB6	7220	14994	0.48%	0.068%
46	9.953	1321	1323	1327	rVB5	2479	3693	0.12%	0.017%
47	10.032	1328	1336	1345	rBV	306860	567469	18.05%	2.576%
48	10.130	1350	1352	1358	rVB5	7429	9432	0.30%	0.043%
49	10.209	1359	1365	1376	rVB2	33278	67664	2.15%	0.307%
50	10.319	1376	1383	1389	rBV	1322650	2368132	75.34%	10.749%
51	10.386	1389	1394	1404	rVB	288788	508826	16.19%	2.310%
52	10.501	1409	1413	1418	rVV8	6465	13254	0.42%	0.060%
53	10.575	1419	1425	1435	rVV	209500	364292	11.59%	1.654%
54	10.703	1440	1446	1452	rVV2	15706	31688	1.01%	0.144%
55	10.757	1453	1455	1463	rVB8	6113	10208	0.32%	0.046%
56	10.818	1463	1465	1467	rBV3	2152	2602	0.08%	0.012%
57	10.922	1475	1482	1498	rBV	285892	542867	17.27%	2.464%
58	11.087	1507	1509	1517	rVB9	5690	8896	0.28%	0.040%
59	11.404	1554	1561	1565	rVB10	3006	7771	0.25%	0.035%
60	11.507	1574	1578	1581	rBV5	3009	3662	0.12%	0.017%
61	11.629	1589	1598	1607	rBV	1261353	2090846	66.52%	9.490%
62	11.727	1609	1614	1621	rVV	50603	88610	2.82%	0.402%
63	11.837	1624	1632	1643	rVB	160024	314270	10.00%	1.426%
64	11.989	1655	1657	1660	rVB4	2361	2658	0.08%	0.012%
65	12.166	1679	1686	1696	rBV	86231	150370	4.78%	0.683%
66	12.239	1696	1698	1703	rVB6	4585	5849	0.19%	0.027%
67	12.312	1707	1710	1712	rBV4	1623	2310	0.07%	0.010%
68	12.349	1712	1716	1719	rVB6	2881	3418	0.11%	0.016%
69	12.410	1724	1726	1729	rVB4	2610	2022	0.06%	0.009%
70	12.465	1730	1735	1740	rVB4	10445	19068	0.61%	0.087%
71	12.519	1740	1744	1750	rVB9	5445	9637	0.31%	0.044%
72	12.605	1752	1758	1763	rBV2	29079	52011	1.65%	0.236%
73	12.690	1764	1772	1780	rBV	429953	701929	22.33%	3.186%
74	12.800	1785	1790	1795	rVB	13809	22984	0.73%	0.104%
75	12.861	1795	1800	1804	rBV	59684	101652	3.23%	0.461%
76	12.940	1809	1813	1819	rVV	37118	61668	1.96%	0.280%

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 Title : SFAM01.0

77	13.019	1823	1826	1833	rVB4	9696	17936	0.57%	0.081%
78	13.099	1833	1839	1847	rBV2	25646	49362	1.57%	0.224%
79	13.166	1848	1850	1853	rVV4	2688	1996	0.06%	0.009%
80	13.245	1853	1863	1876	rVB	103854	181397	5.77%	0.823%
81	13.556	1907	1914	1925	rBV	801493	1355557	43.13%	6.153%
82	13.714	1937	1940	1941	rBV3	5588	6432	0.20%	0.029%
83	13.751	1942	1946	1950	rVV2	25452	43157	1.37%	0.196%
84	13.848	1955	1962	1970	rVB	663064	1088030	34.62%	4.939%
85	13.946	1975	1978	1983	rVB4	7681	12703	0.40%	0.058%
86	14.007	1983	1988	1990	rBV3	12513	20687	0.66%	0.094%
87	14.062	1994	1997	2006	rVB2	36409	76957	2.45%	0.349%
88	14.202	2016	2020	2024	rVB4	9975	15899	0.51%	0.072%
89	14.415	2050	2055	2058	rBV2	15013	23471	0.75%	0.107%
90	14.684	2095	2099	2102	rBV3	9885	15790	0.50%	0.072%
91	14.799	2111	2118	2124	rVB5	19925	50804	1.62%	0.231%
92	14.952	2139	2143	2151	rVB5	10320	18066	0.57%	0.082%
93	15.019	2152	2154	2156	rBV3	4119	3311	0.11%	0.015%
94	15.056	2156	2160	2161	rBV4	5425	6779	0.22%	0.031%
95	15.360	2207	2210	2215	rBV	7060	9968	0.32%	0.045%
96	15.427	2217	2221	2225	rVV	17820	25651	0.82%	0.116%
97	15.543	2237	2240	2245	rVB7	7279	11634	0.37%	0.053%
98	15.787	2277	2280	2285	rBV7	5747	11061	0.35%	0.050%
99	16.360	2367	2374	2380	rBV7	6156	16431	0.52%	0.075%
100	16.427	2382	2385	2386	rBV3	3570	3618	0.12%	0.016%

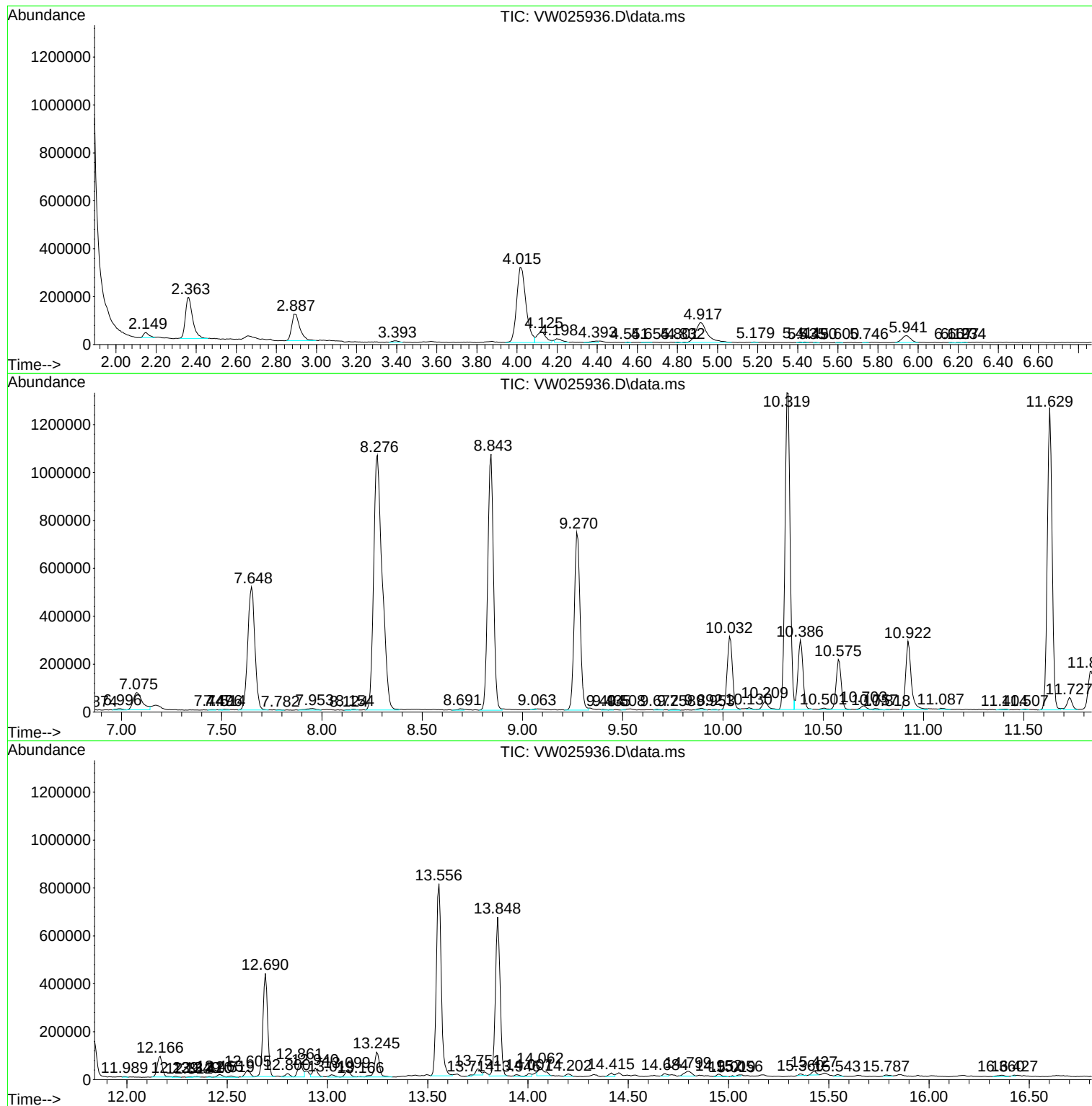
Sum of corrected areas: 22031142

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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



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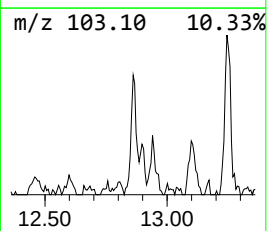
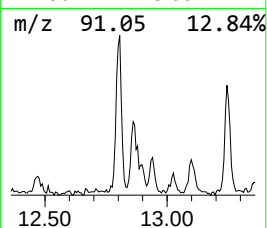
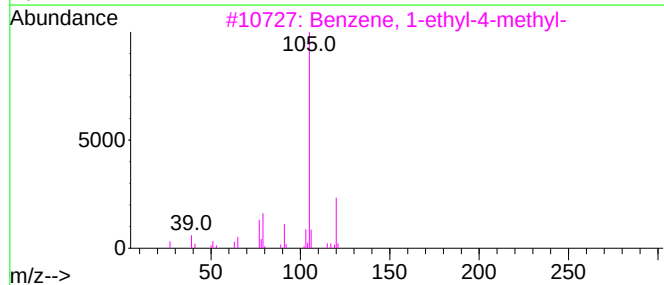
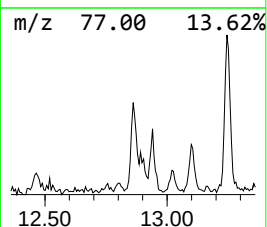
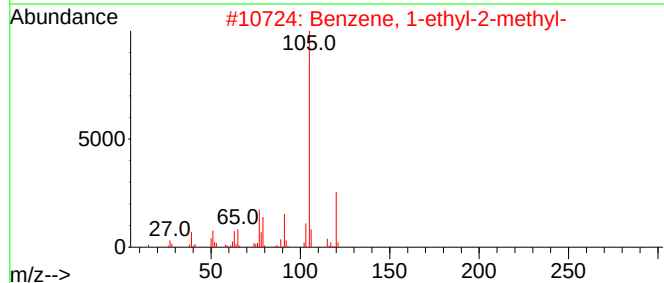
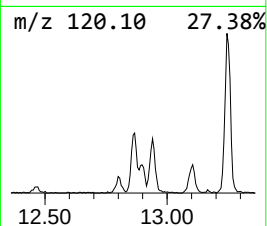
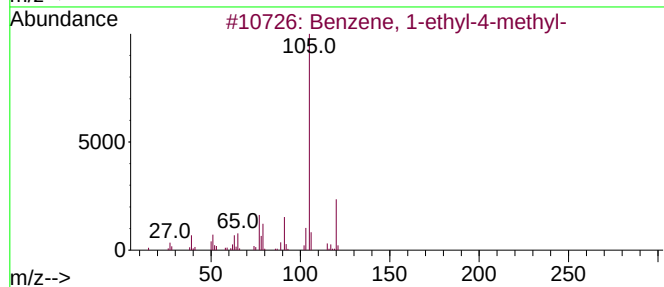
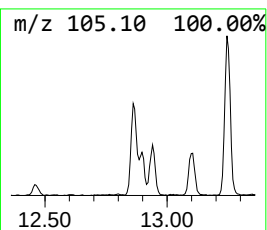
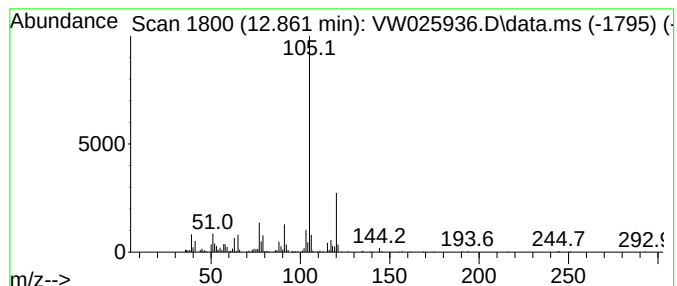
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	1.87 ug/L	101652	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	12.861	1.9	ug/L	101652	3	13.556	1355560	25.0