

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021609.D
 Acq On : 23 Dec 2021 13:15
 Operator : SY/VA
 Sample : M5174-05
 Misc : 7.12g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC16

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

Signal : TIC: VW021609.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.343	67	72	80	rVB2	38869	65706	16.89%	2.063%
2	2.879	153	160	171	rVB	22074	43784	11.25%	1.375%
3	3.020	177	183	194	rVB2	8299	19016	4.89%	0.597%
4	3.379	235	242	249	rVB3	2714	6082	1.56%	0.191%
5	4.013	336	346	363	rBV2	42372	116863	30.04%	3.669%
6	4.141	364	367	369	rBV	483	645	0.17%	0.020%
7	4.379	396	406	419	rVV	8188	23888	6.14%	0.750%
8	4.501	422	426	430	rBV	82	193	0.05%	0.006%
9	4.922	484	495	505	rBV6	5191	18148	4.66%	0.570%
10	5.056	514	517	520	rBV	101	151	0.04%	0.005%
11	5.159	531	534	538	rBB	131	202	0.05%	0.006%
12	5.257	547	550	553	rVB	162	206	0.05%	0.006%
13	5.428	569	578	588	rBV3	1026	3170	0.81%	0.100%
14	5.787	633	637	643	rBV3	379	856	0.22%	0.027%
15	5.940	652	662	672	rBB5	2434	6916	1.78%	0.217%
16	6.403	736	738	742	rBB	139	172	0.04%	0.005%
17	6.714	785	789	791	rBB	124	166	0.04%	0.005%
18	6.873	813	815	818	rBV	154	164	0.04%	0.005%
19	6.903	818	820	822	rVB	204	198	0.05%	0.006%
20	6.982	825	833	838	rBV4	834	2142	0.55%	0.067%
21	7.092	842	851	866	rBV	11682	34628	8.90%	1.087%
22	7.263	875	879	889	rVB2	700	1733	0.45%	0.054%
23	7.531	920	923	928	rBB	155	234	0.06%	0.007%
24	7.647	933	942	954	rVV	70894	169713	43.62%	5.328%
25	7.921	979	987	988	rBV	1115	1620	0.42%	0.051%
26	8.031	1001	1005	1006	rBV2	369	443	0.11%	0.014%
27	8.153	1021	1025	1026	rBV2	990	1377	0.35%	0.043%
28	8.275	1035	1045	1060	rBV2	125317	389053	100.00%	12.214%
29	8.549	1088	1090	1091	rBV	412	351	0.09%	0.011%
30	8.702	1108	1115	1121	rBB3	1745	3659	0.94%	0.115%
31	8.842	1128	1138	1147	rBV	150676	286764	73.71%	9.003%
32	9.092	1175	1179	1183	rBB2	710	1165	0.30%	0.037%
33	9.220	1196	1200	1201	rBV	192	197	0.05%	0.006%
34	9.275	1201	1209	1216	rBV	90875	181349	46.61%	5.694%
35	9.415	1228	1232	1234	rVV	186	252	0.06%	0.008%
36	9.525	1243	1250	1252	rBB3	437	638	0.16%	0.020%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Title : SFAM01.0

37	9.598	1258	1262	1267	rBB2	257	499	0.13%	0.016%
38	9.671	1270	1274	1276	rBB	284	325	0.08%	0.010%
39	9.750	1282	1287	1289	rBB	195	207	0.05%	0.006%
40	9.933	1315	1317	1318	rBV	176	174	0.04%	0.005%
41	9.951	1318	1320	1324	rVB3	451	482	0.12%	0.015%
42	10.037	1327	1334	1341	rBV	48497	84906	21.82%	2.666%
43	10.323	1373	1381	1387	rBV	194231	332456	85.45%	10.438%
44	10.390	1387	1392	1398	rVV	16460	28549	7.34%	0.896%
45	10.439	1398	1400	1404	rVB2	455	587	0.15%	0.018%
46	10.500	1404	1410	1416	rVB3	1743	3250	0.84%	0.102%
47	10.579	1416	1423	1433	rBV	30607	51918	13.34%	1.630%
48	10.658	1433	1436	1439	rBV2	631	779	0.20%	0.024%
49	10.701	1439	1443	1449	rVB2	2089	3303	0.85%	0.104%
50	10.762	1451	1453	1458	rVB2	285	368	0.09%	0.012%
51	10.860	1462	1469	1475	rBV2	41740	74396	19.12%	2.336%
52	10.927	1475	1480	1490	rVB	54134	90174	23.18%	2.831%
53	11.073	1500	1504	1508	rBV2	854	1288	0.33%	0.040%
54	11.104	1508	1509	1512	rVB	325	264	0.07%	0.008%
55	11.177	1516	1521	1526	rVB3	1003	1720	0.44%	0.054%
56	11.232	1526	1530	1535	rBV3	561	1020	0.26%	0.032%
57	11.347	1546	1549	1553	rBV	152	155	0.04%	0.005%
58	11.427	1560	1562	1569	rVB2	414	553	0.14%	0.017%
59	11.512	1573	1576	1580	rVB	200	190	0.05%	0.006%
60	11.628	1587	1595	1605	rBV	210555	352283	90.55%	11.060%
61	11.731	1606	1612	1624	rVB	19858	32446	8.34%	1.019%
62	11.835	1624	1629	1633	rBV2	5069	9096	2.34%	0.286%
63	12.128	1675	1677	1678	rBV	235	176	0.05%	0.006%
64	12.164	1679	1683	1689	rVB2	2646	4451	1.14%	0.140%
65	12.341	1709	1712	1717	rVV	501	811	0.21%	0.025%
66	12.463	1728	1732	1736	rVB2	714	956	0.25%	0.030%
67	12.603	1747	1755	1762	rBV	2015	3416	0.88%	0.107%
68	12.689	1762	1769	1777	rVB	81941	134313	34.52%	4.217%
69	12.756	1777	1780	1783	rBV	110	163	0.04%	0.005%
70	12.798	1783	1787	1793	rBV	2376	3565	0.92%	0.112%
71	12.865	1793	1798	1801	rBV2	1405	1950	0.50%	0.061%
72	12.993	1814	1819	1822	rVB	165	214	0.06%	0.007%
73	13.103	1832	1837	1842	rVB2	690	1221	0.31%	0.038%
74	13.176	1847	1849	1851	rBV	156	170	0.04%	0.005%
75	13.195	1851	1852	1855	rVB2	246	198	0.05%	0.006%
76	13.249	1855	1861	1872	rVB2	3824	6724	1.73%	0.211%

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 Title : SFAM01.0

77	13.384	1873	1883	1890	rBV4	599	1700	0.44%	0.053%
78	13.499	1898	1902	1904	rBV	294	300	0.08%	0.009%
79	13.554	1904	1911	1920	rBV	201520	315408	81.07%	9.902%
80	13.646	1922	1926	1932	rVB3	1395	2151	0.55%	0.068%
81	13.755	1938	1944	1948	rBV3	679	1082	0.28%	0.034%
82	13.853	1952	1960	1967	rVB	145436	240725	61.87%	7.558%
83	14.012	1981	1986	1988	rBV2	155	313	0.08%	0.010%
84	14.066	1989	1995	2004	rVV2	1626	3035	0.78%	0.095%
85	14.207	2014	2018	2022	rVB4	706	934	0.24%	0.029%
86	14.304	2031	2034	2035	rBV	188	174	0.04%	0.005%
87	14.329	2035	2038	2042	rVB3	648	738	0.19%	0.023%
88	14.414	2048	2052	2056	rBV	512	584	0.15%	0.018%
89	14.457	2056	2059	2062	rVV2	339	388	0.10%	0.012%
90	14.518	2066	2069	2074	rVV3	481	672	0.17%	0.021%
91	14.646	2086	2090	2093	rVB	153	200	0.05%	0.006%
92	14.688	2093	2097	2099	rBV	160	169	0.04%	0.005%
93	14.713	2099	2101	2107	rVV2	198	247	0.06%	0.008%
94	14.786	2107	2113	2121	rVV5	826	1498	0.39%	0.047%
95	14.871	2125	2127	2132	rVB	140	255	0.07%	0.008%
96	14.950	2138	2140	2143	rBV	261	327	0.08%	0.010%
97	15.487	2223	2228	2234	rVB2	1236	2222	0.57%	0.070%
98	15.914	2297	2298	2300	rBV	230	175	0.04%	0.005%
99	16.426	2380	2382	2384	rBV3	191	164	0.04%	0.005%
100	16.590	2408	2409	2413	rBV2	129	161	0.04%	0.005%

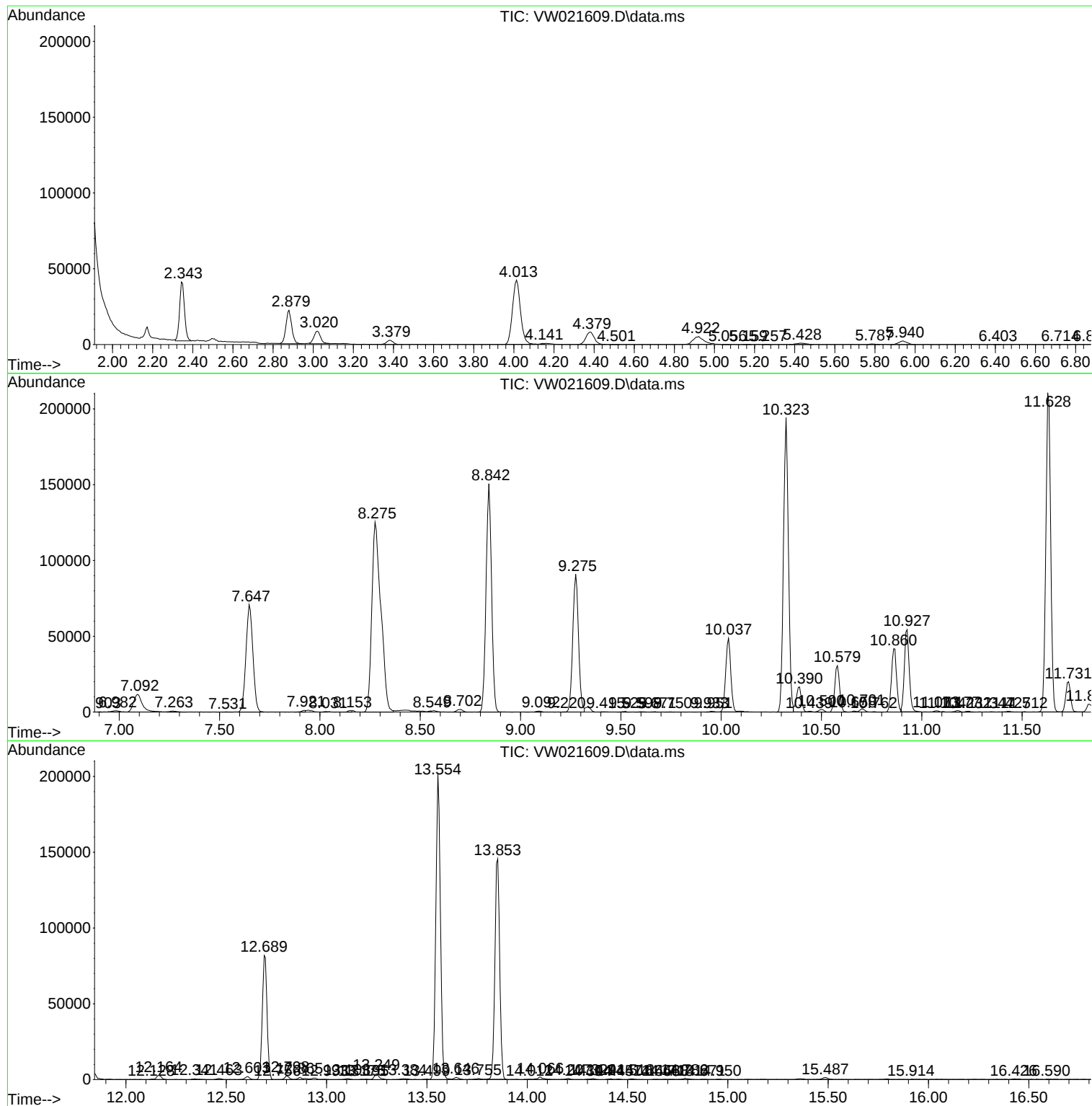
Sum of corrected areas: 3185182

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



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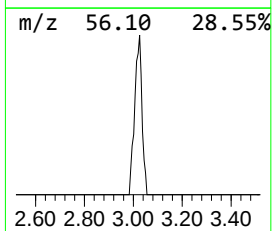
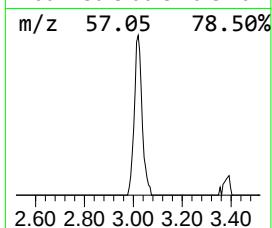
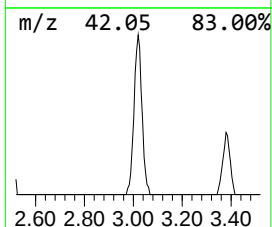
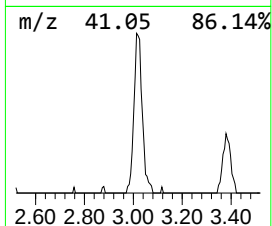
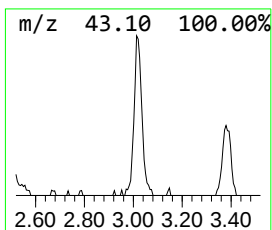
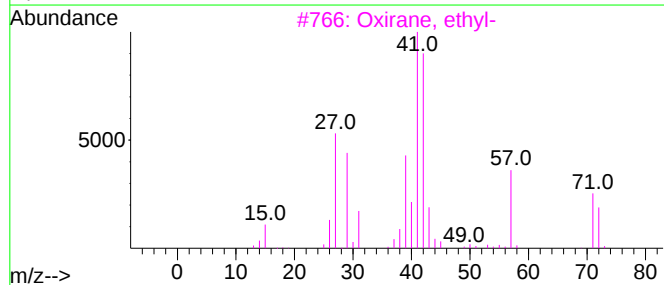
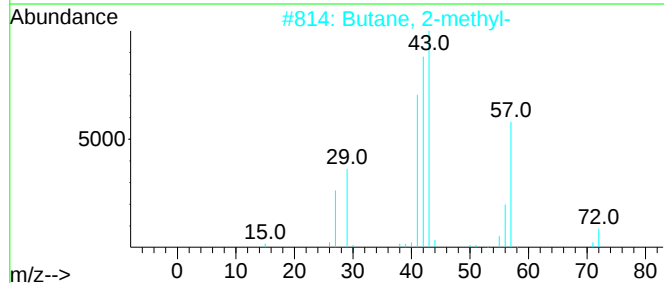
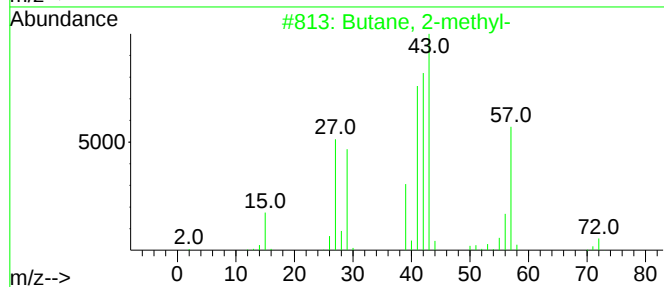
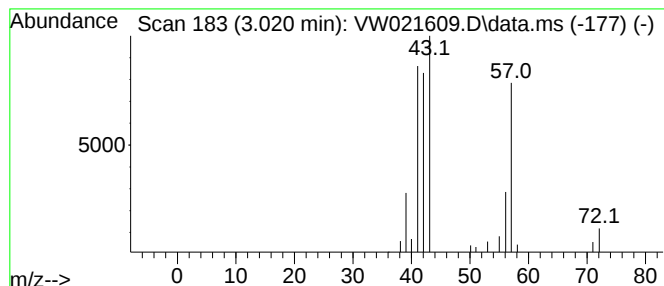
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.020	1.66 ug/L	19016	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	86
2	Butane, 2-methyl-			72	C5H12	000078-78-4	78
3	Oxirane, ethyl-			72	C4H8O	000106-88-7	38
4	Pentane			72	C5H12	000109-66-0	33
5	1,3-Dimethyldiaziridine			72	C3H8N2	026177-36-6	33



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	3.020	1.7	ug/L	19016	1	8.842	286764	25.0