

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081423\
 Data File : VW026732.D
 Acq On : 14 Aug 2023 13:41
 Operator : SY/MD
 Sample : 03968-28
 Misc : 5.22g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A48P7

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\SFAMWLM081023SMA.M
 Title : SFAM01.0

Signal : TIC: VW026732.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	96	rBV	97761	304609	8.23%	1.206%
2	2.893	158	165	180	rVB	100966	295702	7.99%	1.170%
3	3.216	216	218	220	rBV3	2126	1976	0.05%	0.008%
4	3.308	230	233	237	rBV6	1536	2089	0.06%	0.008%
5	3.387	240	246	256	rVB2	9636	24408	0.66%	0.097%
6	3.485	260	262	265	rBV4	1361	2059	0.06%	0.008%
7	3.552	268	273	281	rVV2	4672	11512	0.31%	0.046%
8	4.027	338	351	363	rBV	285156	1038797	28.06%	4.112%
9	4.393	406	411	416	rBV4	1914	4185	0.11%	0.017%
10	4.923	485	498	502	rBV2	25679	82207	2.22%	0.325%
11	5.009	504	512	533	rVB2	111292	434340	11.73%	1.719%
12	5.283	555	557	561	rVB4	1651	1566	0.04%	0.006%
13	5.411	575	578	580	rVV4	1423	1482	0.04%	0.006%
14	5.728	625	630	631	rBV5	2489	3215	0.09%	0.013%
15	5.941	653	665	672	rBV4	13506	42511	1.15%	0.168%
16	6.167	700	702	706	rVB5	905	1248	0.03%	0.005%
17	6.295	719	723	726	rVV6	1511	2142	0.06%	0.008%
18	6.423	740	744	747	rVB5	1378	1995	0.05%	0.008%
19	6.466	747	751	755	rVB8	1414	1997	0.05%	0.008%
20	6.515	755	759	761	rBV5	1351	1897	0.05%	0.008%
21	6.618	773	776	781	rVB7	793	1568	0.04%	0.006%
22	6.832	808	811	815	rVB5	1115	1714	0.05%	0.007%
23	6.874	815	818	820	rBV4	1115	1486	0.04%	0.006%
24	6.923	820	826	834	rBV7	2401	6962	0.19%	0.028%
25	7.075	842	851	860	rBV	100665	295621	7.99%	1.170%
26	7.258	879	881	884	rVB3	1472	1233	0.03%	0.005%
27	7.338	893	894	899	rVB5	1127	1405	0.04%	0.006%
28	7.551	920	929	931	rVV9	2306	4533	0.12%	0.018%
29	7.648	934	945	959	rVB	609446	1504955	40.65%	5.957%
30	7.776	964	966	969	rVV4	1508	1743	0.05%	0.007%
31	7.868	980	981	985	rVB4	977	1075	0.03%	0.004%
32	7.941	990	993	995	rBV4	1513	1982	0.05%	0.008%
33	8.276	1036	1048	1064	rBV2	1255232	3701950	100.00%	14.653%
34	8.563	1093	1095	1097	rVB3	1987	1593	0.04%	0.006%
35	8.618	1103	1104	1107	rBV3	1752	1851	0.05%	0.007%
36	8.691	1110	1116	1118	rBV7	3476	5305	0.14%	0.021%

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 Title : SFAM01.0

37	8.843	1131	1141	1151	rBV	1157731	2314446	62.52%	9.161%
38	9.045	1169	1174	1177	rBV3	5564	11565	0.31%	0.046%
39	9.270	1201	1211	1222	rBV	859545	1776798	48.00%	7.033%
40	9.551	1255	1257	1261	rVB5	1642	1520	0.04%	0.006%
41	9.593	1261	1264	1266	rBV4	1177	1402	0.04%	0.006%
42	9.660	1271	1275	1279	rBV7	2814	4706	0.13%	0.019%
43	9.746	1286	1289	1294	rVB7	1343	2447	0.07%	0.010%
44	9.983	1323	1328	1329	rVV4	4751	5865	0.16%	0.023%
45	10.032	1329	1336	1349	rVB	435275	792881	21.42%	3.138%
46	10.124	1349	1351	1353	rBV3	1884	1754	0.05%	0.007%
47	10.325	1376	1384	1391	rVV	1685274	2983803	80.60%	11.810%
48	10.386	1391	1394	1401	rVB	28341	48487	1.31%	0.192%
49	10.508	1408	1414	1418	rBV9	2451	4578	0.12%	0.018%
50	10.575	1418	1425	1438	rVV	287954	515328	13.92%	2.040%
51	10.703	1441	1446	1453	rVV3	20524	37453	1.01%	0.148%
52	10.764	1453	1456	1461	rVB7	2153	3499	0.09%	0.014%
53	10.843	1464	1469	1476	rBV7	8532	16436	0.44%	0.065%
54	10.922	1476	1482	1500	rVV	265446	475246	12.84%	1.881%
55	11.075	1503	1507	1514	rVB10	4291	10355	0.28%	0.041%
56	11.172	1519	1523	1530	rVB3	13143	24952	0.67%	0.099%
57	11.227	1530	1532	1534	rBV3	1111	1308	0.04%	0.005%
58	11.276	1538	1540	1542	rBV3	1062	1228	0.03%	0.005%
59	11.319	1544	1547	1548	rBV3	1456	1723	0.05%	0.007%
60	11.337	1548	1550	1554	rVB5	2366	3329	0.09%	0.013%
61	11.398	1554	1560	1566	rBV4	10247	18453	0.50%	0.073%
62	11.629	1589	1598	1607	rBV	1663371	2724363	73.59%	10.783%
63	11.709	1607	1611	1621	rVB2	14378	28336	0.77%	0.112%
64	11.818	1623	1629	1634	rBV6	8815	20713	0.56%	0.082%
65	12.044	1658	1666	1667	rBV7	1504	3317	0.09%	0.013%
66	12.099	1672	1675	1682	rVB9	1629	2918	0.08%	0.012%
67	12.160	1683	1685	1687	rBV3	1660	1431	0.04%	0.006%
68	12.306	1707	1709	1711	rBV3	1422	1544	0.04%	0.006%
69	12.471	1730	1736	1739	rBV8	4397	9639	0.26%	0.038%
70	12.605	1751	1758	1763	rBV2	28291	53688	1.45%	0.213%
71	12.690	1765	1772	1780	rBV	635922	1019041	27.53%	4.033%
72	12.879	1799	1803	1808	rBV7	7686	13907	0.38%	0.055%
73	12.928	1808	1811	1814	rVV4	7458	11929	0.32%	0.047%
74	12.958	1814	1816	1821	rVB	9341	13950	0.38%	0.055%
75	13.032	1825	1828	1833	rVV5	7163	11450	0.31%	0.045%
76	13.074	1833	1835	1843	rVB6	5544	8588	0.23%	0.034%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Title : SFAM01.0

77	13.208	1850	1857	1867	rBV7	12341	31564	0.85%	0.125%
78	13.367	1880	1883	1885	rBV4	3248	4018	0.11%	0.016%
79	13.404	1885	1889	1893	rVB6	7099	11170	0.30%	0.044%
80	13.501	1902	1905	1907	rBV4	5032	5899	0.16%	0.023%
81	13.556	1907	1914	1925	rVV	1471244	2315912	62.56%	9.167%
82	13.647	1926	1929	1935	rVB3	12185	18774	0.51%	0.074%
83	13.757	1943	1947	1950	rBV5	9669	16878	0.46%	0.067%
84	13.849	1955	1962	1969	rBV	1179881	1896912	51.24%	7.508%
85	13.946	1975	1978	1983	rVB6	8245	11707	0.32%	0.046%
86	14.019	1985	1990	1993	rVV6	7570	14039	0.38%	0.056%
87	14.068	1993	1998	2013	rVB2	18296	49600	1.34%	0.196%
88	14.245	2025	2027	2029	rBV2	2620	3343	0.09%	0.013%
89	14.324	2035	2040	2043	rBV4	14396	23318	0.63%	0.092%
90	14.495	2064	2068	2069	rBV3	6988	8237	0.22%	0.033%
91	14.586	2081	2083	2084	rBV2	1735	1635	0.04%	0.006%
92	14.629	2087	2090	2091	rVV3	2794	3501	0.09%	0.014%
93	14.690	2095	2100	2101	rBV5	10309	14259	0.39%	0.056%
94	14.714	2101	2104	2111	rVB2	20702	31975	0.86%	0.127%
95	15.190	2180	2182	2184	rBV2	2331	2292	0.06%	0.009%
96	15.391	2213	2215	2222	rVB7	3036	4616	0.12%	0.018%
97	15.482	2224	2230	2234	rBV7	3228	6938	0.19%	0.027%
98	15.677	2256	2262	2264	rBV7	3393	6507	0.18%	0.026%
99	15.824	2284	2286	2287	rBV2	1629	1146	0.03%	0.005%
100	16.452	2387	2389	2390	rBV2	2204	1350	0.04%	0.005%

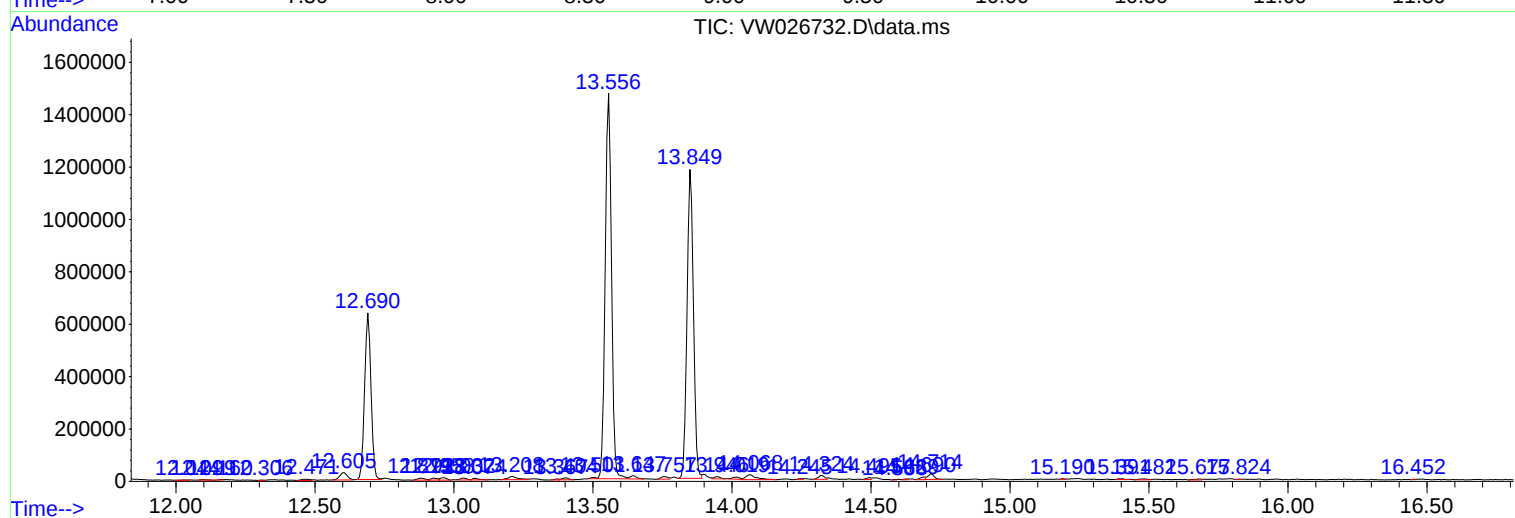
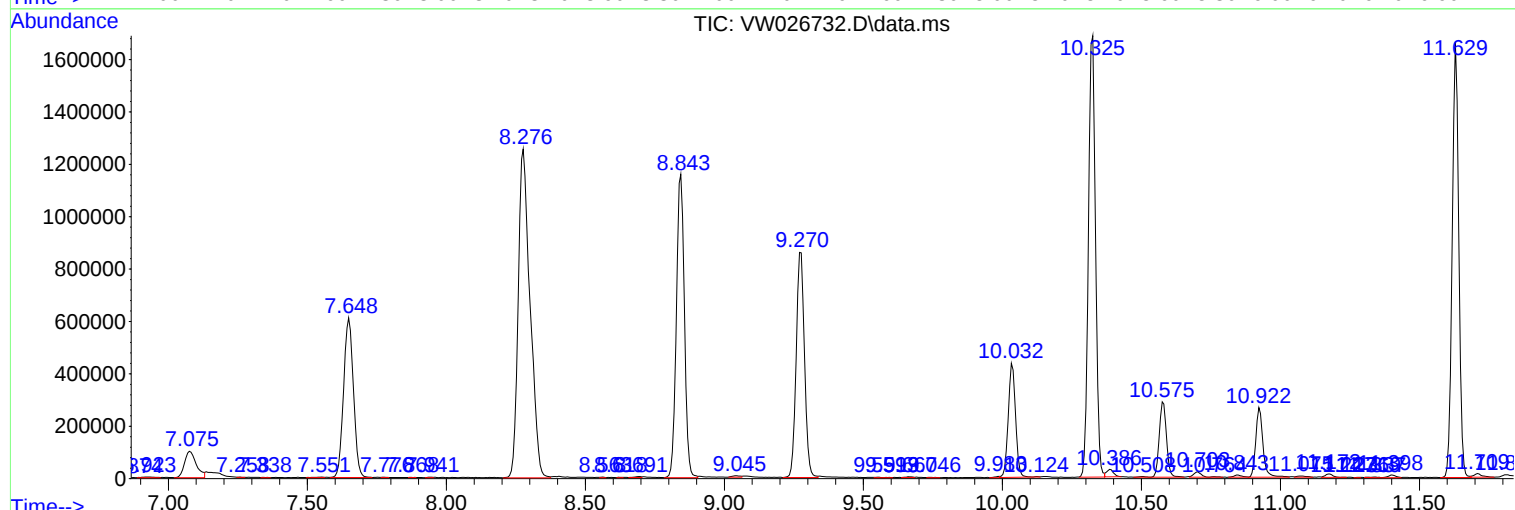
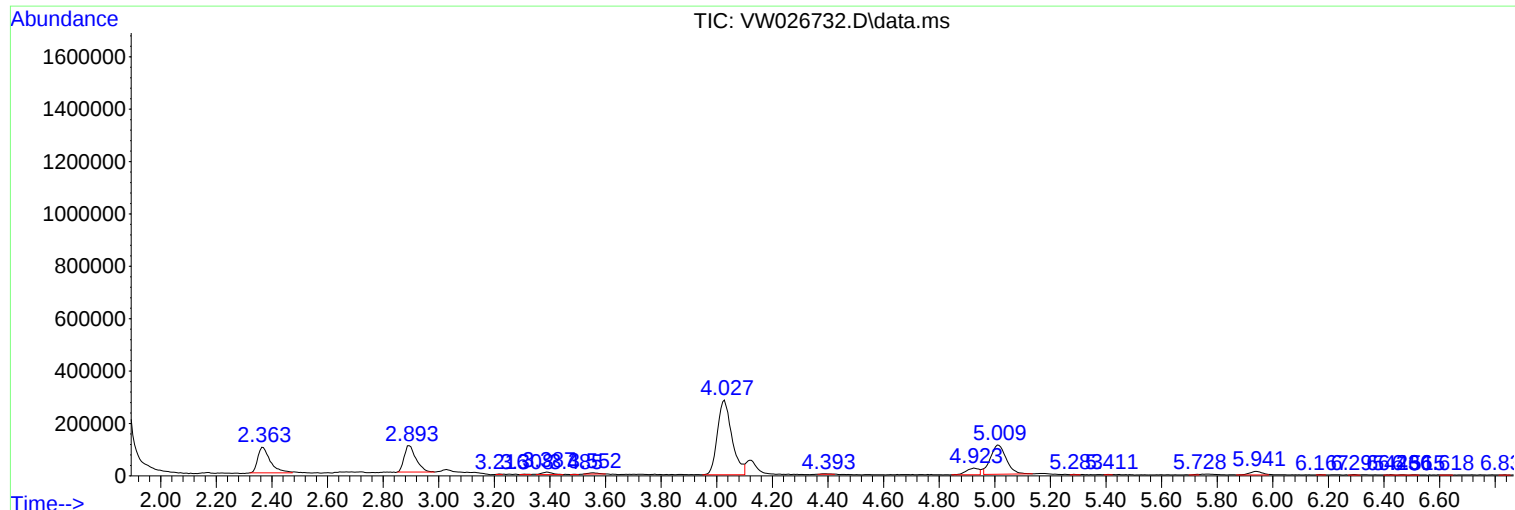
Sum of corrected areas: 25264879

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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



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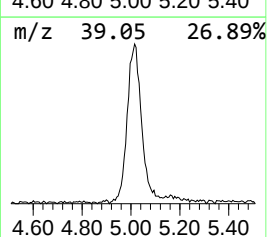
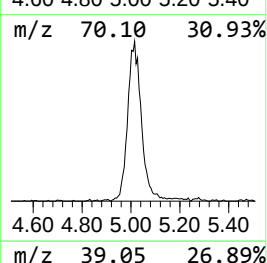
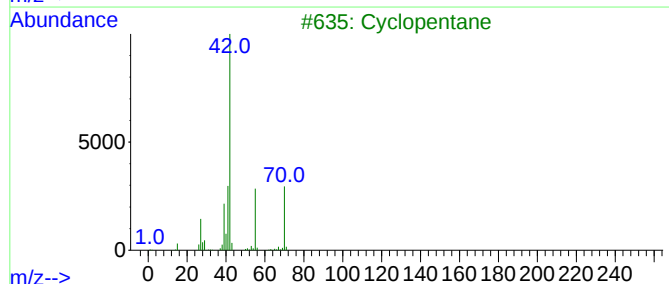
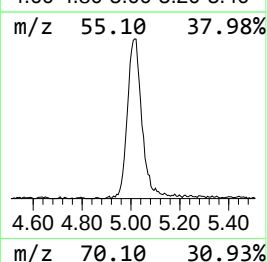
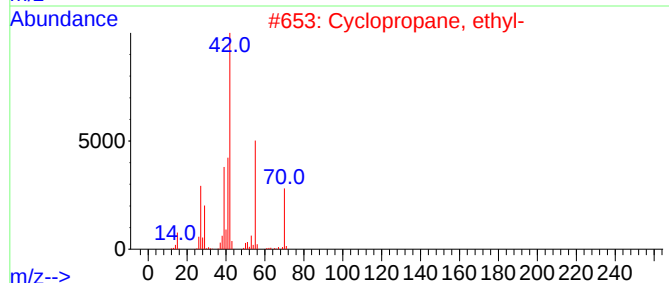
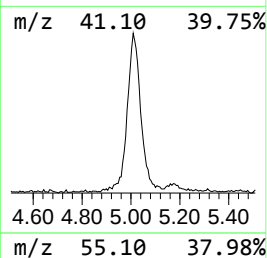
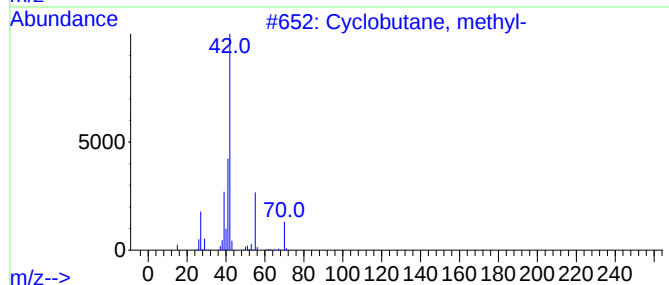
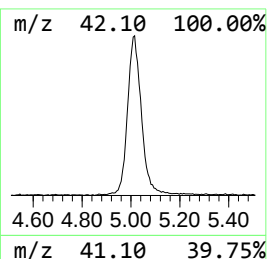
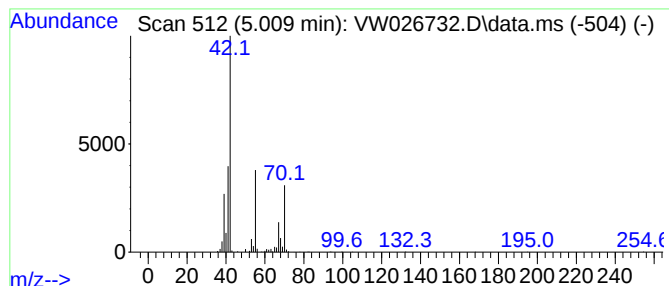
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Cyclic5.009 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.009	4.69 ug/L	434340	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclobutane, methyl-	70	C5H10	000598-61-8	72
2		Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
3		Cyclopentane	70	C5H10	000287-92-3	64
4		1-Pentene	70	C5H10	000109-67-1	59
5		Cyclopentane	70	C5H10	000287-92-3	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: C...	5.009	4.7	ug/L	434340	1	8.843	2314450	25.0