

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070523\
 Data File : VD076711.D
 Acq On : 05 Jul 2023 12:21
 Operator : KP/SY
 Sample : 03504-04RE
 Misc : 5.65G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46T4RE

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_D\Method\SFAMDLM061523SMA.M
 Title : SFAM01.0

Signal : TIC: VD076711.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.687	10	17	20	rBV	501238	846712	26.93%	13.014%
2	1.728	20	24	38	rVB	1788249	3144450	100.00%	48.329%
3	2.275	113	117	124	rVB	30930	48153	1.53%	0.740%
4	2.804	201	207	213	rBV2	27553	53039	1.69%	0.815%
5	3.346	296	299	300	rBV2	980	1078	0.03%	0.017%
6	3.404	305	309	311	rBV2	716	957	0.03%	0.015%
7	3.457	316	318	321	rBV2	1256	970	0.03%	0.015%
8	3.487	321	323	325	rBV2	713	740	0.02%	0.011%
9	3.522	327	329	332	rBV	828	925	0.03%	0.014%
10	3.916	385	396	405	rBV2	30482	83386	2.65%	1.282%
11	4.022	405	414	425	rVV	33990	94027	2.99%	1.445%
12	4.140	433	434	441	rVB2	1106	1201	0.04%	0.018%
13	4.193	441	443	444	rBV	1209	814	0.03%	0.013%
14	4.245	451	452	454	rBV	1581	1071	0.03%	0.016%
15	4.393	476	477	480	rBV	1246	1022	0.03%	0.016%
16	4.551	502	504	507	rBV	1006	921	0.03%	0.014%
17	4.628	516	517	521	rBV2	1166	1241	0.04%	0.019%
18	4.781	539	543	544	rBV3	1554	2087	0.07%	0.032%
19	4.881	557	560	567	rVB2	861	1712	0.05%	0.026%
20	4.969	571	575	577	rVB	936	1117	0.04%	0.017%
21	5.028	581	585	586	rBV	923	1137	0.04%	0.017%
22	5.087	592	595	597	rBV2	1034	1187	0.04%	0.018%
23	5.104	597	598	601	rVV	1116	870	0.03%	0.013%
24	5.345	637	639	641	rVB2	1201	807	0.03%	0.012%
25	5.557	673	675	676	rVV	972	767	0.02%	0.012%
26	5.845	721	724	727	rVB2	1017	1285	0.04%	0.020%
27	5.881	727	730	733	rBV	1109	1091	0.03%	0.017%
28	5.940	737	740	741	rBV2	1874	1217	0.04%	0.019%
29	6.028	752	755	758	rBV2	717	1112	0.04%	0.017%
30	6.292	798	800	801	rVB	1400	974	0.03%	0.015%
31	6.316	801	804	805	rBV	1427	764	0.02%	0.012%
32	6.351	808	810	814	rVB2	1095	1370	0.04%	0.021%
33	6.387	814	816	817	rBV	1225	833	0.03%	0.013%
34	6.445	822	826	828	rVB2	1440	1705	0.05%	0.026%
35	6.739	874	876	878	rBV	1063	888	0.03%	0.014%
36	6.981	909	917	926	rBV	26075	75364	2.40%	1.158%

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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Title : SFAM01.0

37	7.269	963	966	967	rBV	924	835	0.03%	0.013%
38	7.416	988	991	992	rBV2	1010	937	0.03%	0.014%
39	7.510	1004	1007	1008	rVV	804	918	0.03%	0.014%
40	7.569	1008	1017	1026	rVV2	48561	126924	4.04%	1.951%
41	7.651	1029	1031	1033	rBV	1779	1245	0.04%	0.019%
42	7.775	1046	1052	1053	rBV2	1002	1241	0.04%	0.019%
43	7.828	1060	1061	1064	rVB2	1114	827	0.03%	0.013%
44	7.945	1079	1081	1084	rVB2	916	763	0.02%	0.012%
45	8.004	1090	1091	1094	rVB	1449	1049	0.03%	0.016%
46	8.028	1094	1095	1099	rBV	1139	1435	0.05%	0.022%
47	8.204	1115	1125	1141	rVB3	89956	304617	9.69%	4.682%
48	8.592	1190	1191	1194	rBV2	1058	850	0.03%	0.013%
49	8.616	1194	1195	1197	rBV2	1184	1015	0.03%	0.016%
50	8.775	1212	1222	1230	rBV	118662	238101	7.57%	3.660%
51	8.875	1234	1239	1242	rBV3	947	1487	0.05%	0.023%
52	9.057	1268	1270	1272	rBV2	1306	964	0.03%	0.015%
53	9.104	1277	1278	1281	rVB	1415	1136	0.04%	0.017%
54	9.210	1288	1296	1307	rBV2	72937	155478	4.94%	2.390%
55	9.281	1307	1308	1310	rVV2	1191	770	0.02%	0.012%
56	9.298	1310	1311	1314	rVB	1437	878	0.03%	0.013%
57	9.381	1323	1325	1327	rVB	1214	965	0.03%	0.015%
58	9.833	1398	1402	1404	rBV2	1023	1069	0.03%	0.016%
59	9.922	1415	1417	1419	rBV	972	883	0.03%	0.014%
60	9.975	1419	1426	1437	rVB2	43625	82589	2.63%	1.269%
61	10.163	1455	1458	1464	rVV4	2701	3701	0.12%	0.057%
62	10.210	1464	1466	1468	rVB	1419	1079	0.03%	0.017%
63	10.269	1468	1476	1485	rBV2	107062	196978	6.26%	3.027%
64	10.451	1503	1507	1509	rBV2	1588	2095	0.07%	0.032%
65	10.522	1513	1519	1526	rVV2	33281	56559	1.80%	0.869%
66	10.669	1540	1544	1545	rBV	1345	1080	0.03%	0.017%
67	10.745	1555	1557	1561	rVB	1062	770	0.02%	0.012%
68	10.786	1561	1564	1565	rBV	872	952	0.03%	0.015%
69	10.875	1573	1579	1587	rBV	85152	151274	4.81%	2.325%
70	11.127	1621	1622	1624	rVB2	1507	751	0.02%	0.012%
71	11.357	1659	1661	1663	rBV	1108	956	0.03%	0.015%
72	11.580	1692	1699	1709	rVB	150304	263234	8.37%	4.046%
73	11.739	1724	1726	1728	rBV2	1075	991	0.03%	0.015%
74	11.910	1753	1755	1758	rBV3	1013	1186	0.04%	0.018%
75	11.951	1760	1762	1764	rVV	1824	1123	0.04%	0.017%
76	11.986	1767	1768	1770	rBV	1135	741	0.02%	0.011%

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 Title : SFAM01.0

77	12.116	1786	1790	1794	rVV3	3159	3900	0.12%	0.060%
78	12.286	1817	1819	1821	rBV	945	811	0.03%	0.012%
79	12.651	1872	1881	1889	rBV	97459	162493	5.17%	2.497%
80	12.751	1896	1898	1900	rVV	1328	976	0.03%	0.015%
81	12.827	1909	1911	1914	rVV2	1041	875	0.03%	0.013%
82	12.874	1917	1919	1921	rVV2	1285	934	0.03%	0.014%
83	12.898	1921	1923	1926	rVB	1347	1174	0.04%	0.018%
84	13.074	1951	1953	1954	rBV	1562	1085	0.03%	0.017%
85	13.163	1966	1968	1970	rVB	1021	818	0.03%	0.013%
86	13.304	1989	1992	1994	rVB	1163	931	0.03%	0.014%
87	13.345	1997	1999	2000	rBV	1700	938	0.03%	0.014%
88	13.516	2021	2028	2035	rVB	114107	189840	6.04%	2.918%
89	13.569	2035	2037	2040	rBV2	1163	1371	0.04%	0.021%
90	13.657	2049	2052	2053	rBV	1142	905	0.03%	0.014%
91	13.816	2072	2079	2086	rVB	83762	138977	4.42%	2.136%
92	13.869	2086	2088	2090	rBV	904	1061	0.03%	0.016%
93	13.951	2100	2102	2106	rBV2	851	1272	0.04%	0.020%
94	14.539	2200	2202	2205	rBV3	1362	1204	0.04%	0.019%
95	14.563	2205	2206	2209	rVB3	1373	1126	0.04%	0.017%
96	14.604	2209	2213	2215	rBV3	1436	1512	0.05%	0.023%
97	14.651	2219	2221	2222	rVB	1650	770	0.02%	0.012%
98	15.457	2356	2358	2363	rBV3	2048	3198	0.10%	0.049%
99	15.827	2419	2421	2423	rBV2	1700	1556	0.05%	0.024%
100	16.051	2456	2459	2460	rBV2	1467	1185	0.04%	0.018%

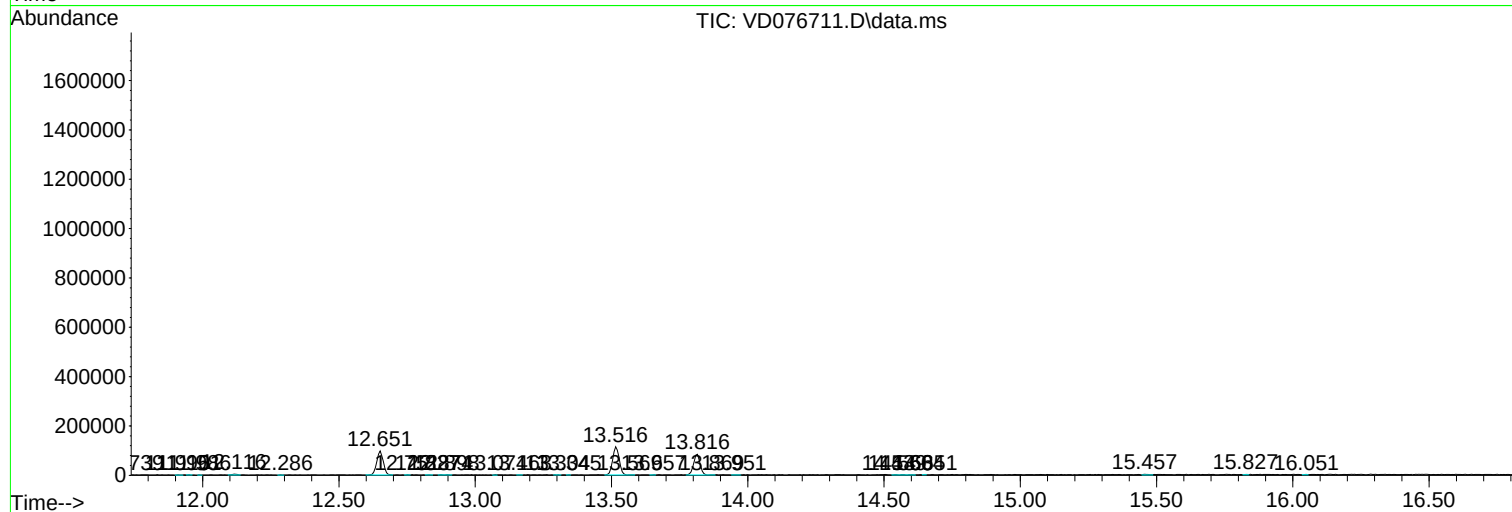
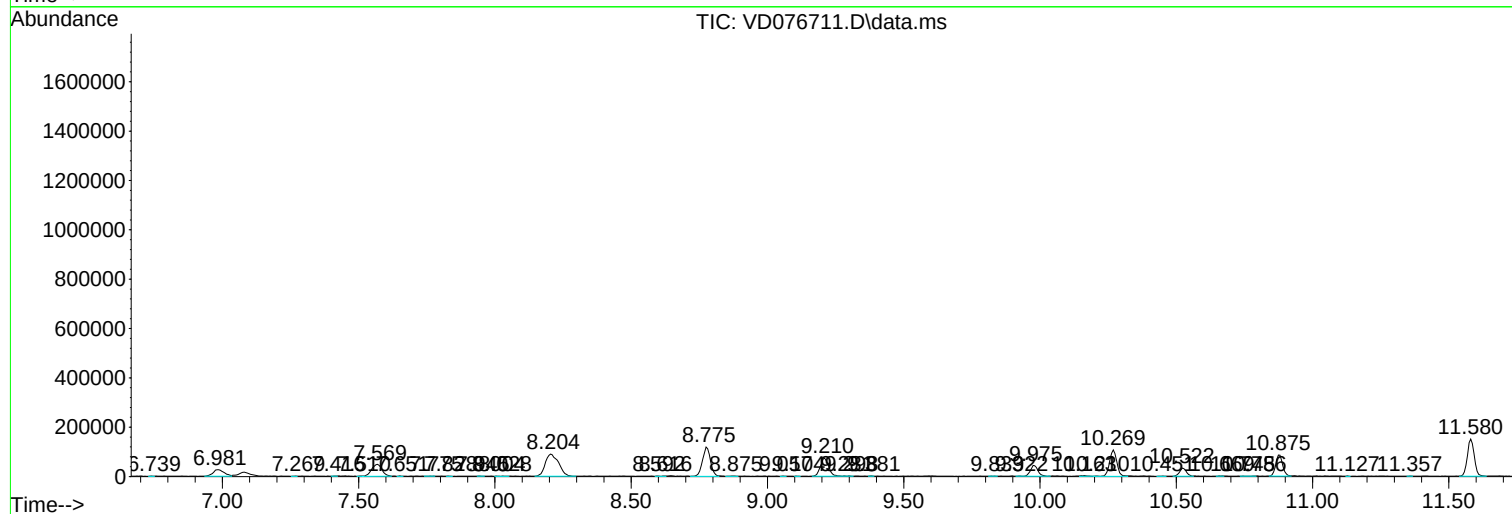
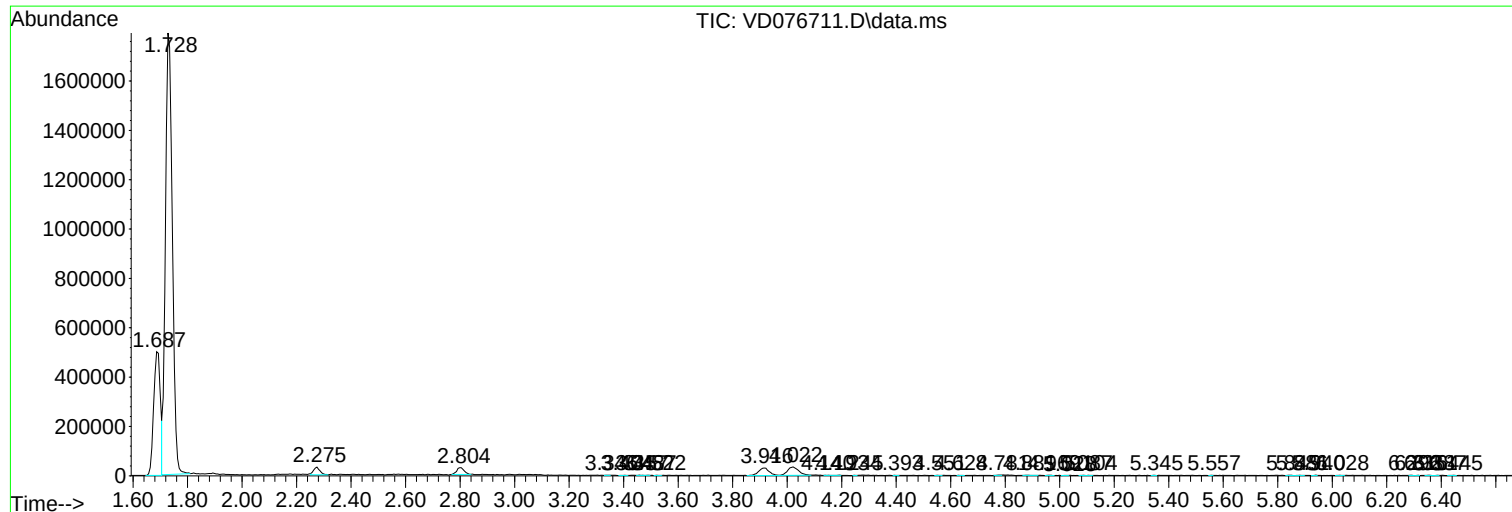
Sum of corrected areas: 6506352

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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



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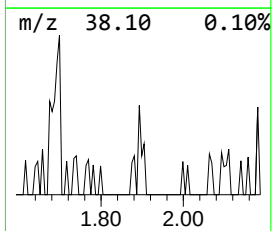
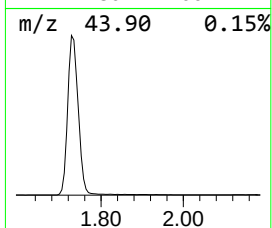
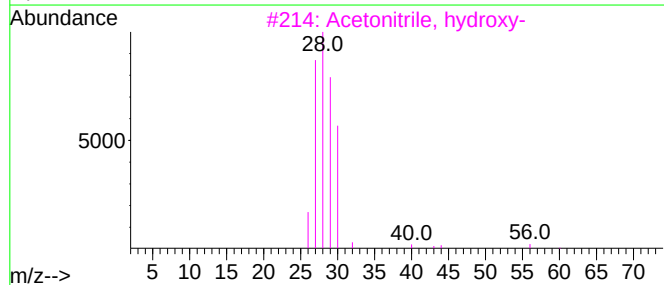
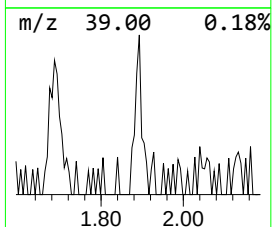
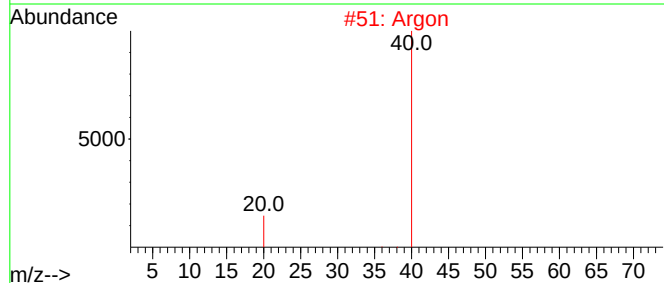
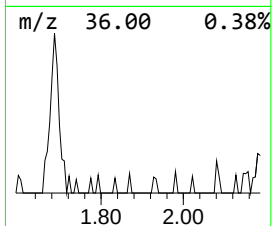
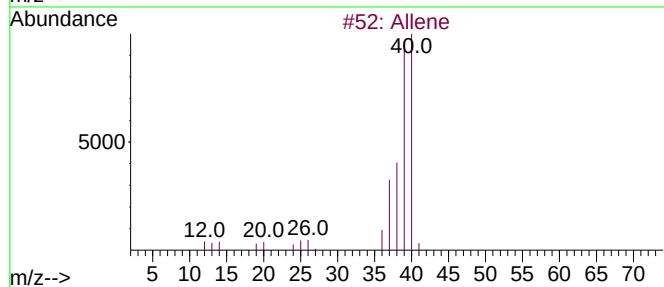
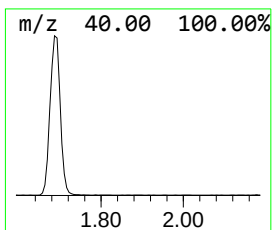
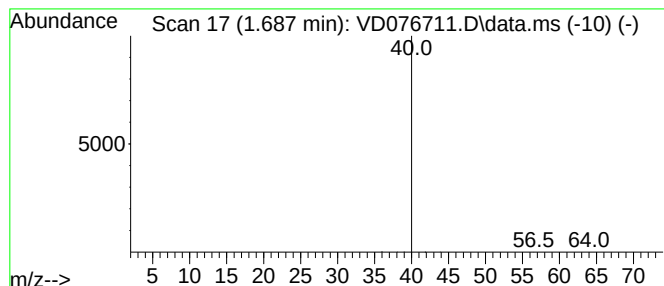
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.687	88.90 ug/L	846712	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Allene	40	C3H4	000463-49-0	2
2			Argon	40	Ar	007440-37-1	2
3			Acetonitrile, hydroxy-	57	C2H3NO	000107-16-4	1
4			Ethane, nitro-	75	C2H5NO2	000079-24-3	1
5			Diethyl azodicarboxylate	174	C6H10N2O4	001972-28-7	1



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.687	88.9	ug/L	846712	1	8.775	238101	25.0