

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
 Data File : VD077775.D
 Acq On : 07 Dec 2023 12:48
 Operator : JC/SY
 Sample : VIBLK131
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK131

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\SFAMDLM112923SMA.M
 Title : SFAM01.0

Signal : TIC: VD077775.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	14	17	21	rBV	26424	40118	4.03%	0.457%
2	1.746	21	27	42	rVB	503524	823605	82.70%	9.386%
3	2.069	78	82	84	rBV2	3382	3790	0.38%	0.043%
4	2.281	113	118	126	rVB	140168	208620	20.95%	2.378%
5	2.811	202	208	217	rVB	117631	222530	22.35%	2.536%
6	3.458	314	318	320	rBV2	3142	4305	0.43%	0.049%
7	3.587	339	340	341	rBV	2813	1011	0.10%	0.012%
8	3.628	345	347	348	rVV	2654	1286	0.13%	0.015%
9	3.646	348	350	352	rVB	2921	2104	0.21%	0.024%
10	3.687	356	357	360	rBV	2556	2661	0.27%	0.030%
11	3.716	360	362	364	rBV	3007	1899	0.19%	0.022%
12	3.840	382	383	385	rBV	2821	2035	0.20%	0.023%
13	3.863	385	387	388	rVV	2649	1904	0.19%	0.022%
14	3.928	388	398	409	rVV2	124865	334057	33.54%	3.807%
15	4.052	417	419	421	rBV	2131	1424	0.14%	0.016%
16	4.228	447	449	452	rVB2	2571	1896	0.19%	0.022%
17	4.263	452	455	456	rBV2	1663	1282	0.13%	0.015%
18	4.299	459	461	463	rBV	2542	2424	0.24%	0.028%
19	4.363	469	472	475	rBV	2000	2808	0.28%	0.032%
20	4.399	476	478	479	rVB2	2505	1379	0.14%	0.016%
21	4.446	485	486	487	rVB	2841	1003	0.10%	0.011%
22	4.475	489	491	492	rVB	2290	1264	0.13%	0.014%
23	4.528	498	500	501	rBV	1492	997	0.10%	0.011%
24	4.634	516	518	519	rBV	1351	1006	0.10%	0.011%
25	4.652	519	521	522	rVV	2192	1038	0.10%	0.012%
26	4.763	536	540	541	rBV2	4445	4466	0.45%	0.051%
27	4.881	558	560	561	rBV	2956	1573	0.16%	0.018%
28	4.899	561	563	566	rBV	2750	2754	0.28%	0.031%
29	4.928	566	568	570	rVB2	1313	946	0.09%	0.011%
30	4.975	572	576	577	rBV3	1900	2196	0.22%	0.025%
31	5.122	600	601	602	rBV	2026	1002	0.10%	0.011%
32	5.169	608	609	610	rBV	2842	1737	0.17%	0.020%
33	5.252	621	623	625	rVB	2946	2258	0.23%	0.026%
34	5.269	625	626	628	rBV	2220	1546	0.16%	0.018%
35	5.381	643	645	648	rBV	1124	1137	0.11%	0.013%
36	5.405	648	649	650	rVB	2689	949	0.10%	0.011%

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 Title : SFAM01.0

37	5.428	652	653	656	rVV	2578	1946	0.20%	0.022%
38	5.487	661	663	664	rBV	2161	1636	0.16%	0.019%
39	5.528	668	670	672	rVB	3548	2216	0.22%	0.025%
40	5.569	674	677	680	rBV2	2653	3752	0.38%	0.043%
41	5.599	680	682	683	rBV	1851	1273	0.13%	0.015%
42	5.705	699	700	702	rBV2	2070	1373	0.14%	0.016%
43	5.840	719	723	724	rBV2	4488	5153	0.52%	0.059%
44	5.963	741	744	747	rBV	2901	3426	0.34%	0.039%
45	5.987	747	748	749	rVV	3083	1282	0.13%	0.015%
46	6.010	751	752	754	rVB2	3183	1741	0.17%	0.020%
47	6.034	754	756	758	rBV2	2446	2546	0.26%	0.029%
48	6.063	758	761	762	rBV	1836	1391	0.14%	0.016%
49	6.087	762	765	766	rVB	1517	1150	0.12%	0.013%
50	6.105	766	768	769	rBV	2743	1425	0.14%	0.016%
51	6.175	779	780	781	rVB	3496	1234	0.12%	0.014%
52	6.193	781	783	784	rBV	1863	1247	0.13%	0.014%
53	6.305	801	802	803	rBV	2986	1349	0.14%	0.015%
54	6.452	826	827	829	rVB2	2142	1014	0.10%	0.012%
55	6.499	832	835	836	rBV	2427	2407	0.24%	0.027%
56	6.540	840	842	844	rBV	2628	1928	0.19%	0.022%
57	6.622	855	856	857	rBV	2355	1041	0.10%	0.012%
58	6.804	885	887	889	rBV	2257	1991	0.20%	0.023%
59	6.828	889	891	892	rVB	2183	1156	0.12%	0.013%
60	6.846	892	894	895	rVB	2147	1112	0.11%	0.013%
61	6.881	899	900	901	rBV	2445	967	0.10%	0.011%
62	6.899	901	903	904	rVB	3483	2198	0.22%	0.025%
63	6.928	906	908	909	rBV	2487	1628	0.16%	0.019%
64	6.999	910	920	925	rBV2	27498	76434	7.68%	0.871%
65	7.146	944	945	946	rBV	2511	1338	0.13%	0.015%
66	7.575	1008	1018	1029	rBV2	163918	420203	42.19%	4.789%
67	7.734	1044	1045	1046	rBV	3408	1629	0.16%	0.019%
68	7.999	1089	1090	1092	rVB	2924	1452	0.15%	0.017%
69	8.122	1109	1111	1112	rBV	2394	1928	0.19%	0.022%
70	8.210	1116	1126	1140	rVV2	337609	995860	100.00%	11.349%
71	8.587	1189	1190	1193	rBV	3544	3309	0.33%	0.038%
72	8.675	1204	1205	1206	rBV	2450	1381	0.14%	0.016%
73	8.781	1216	1223	1232	rBV	310755	621246	62.38%	7.080%
74	9.116	1278	1280	1281	rBV	2512	1776	0.18%	0.020%
75	9.216	1288	1297	1306	rBV	216216	448444	45.03%	5.111%
76	9.575	1357	1358	1359	rBV	2160	1143	0.11%	0.013%

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Integrator: RTE

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Peak Location: TOP

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 Title : SFAM01.0

77	9.793	1393	1395	1396	rBV	2821	1374	0.14%	0.016%
78	9.910	1413	1415	1418	rVB	3692	3518	0.35%	0.040%
79	9.981	1421	1427	1436	rVB	125442	237334	23.83%	2.705%
80	10.275	1470	1477	1485	rBV	465930	834616	83.81%	9.512%
81	10.528	1514	1520	1526	rVB2	78293	138429	13.90%	1.578%
82	10.669	1536	1544	1551	rBV	185489	340973	34.24%	3.886%
83	10.881	1573	1580	1587	rBV	106995	187122	18.79%	2.133%
84	11.034	1601	1606	1612	rVB	23827	37504	3.77%	0.427%
85	11.092	1614	1616	1617	rBV	3206	2570	0.26%	0.029%
86	11.587	1693	1700	1711	rVB	441853	762146	76.53%	8.686%
87	12.092	1784	1786	1787	rBV	3217	2246	0.23%	0.026%
88	12.110	1787	1789	1790	rVV	3518	1635	0.16%	0.019%
89	12.357	1829	1831	1833	rBV	2500	2050	0.21%	0.023%
90	12.416	1837	1841	1842	rBV	3308	4336	0.44%	0.049%
91	12.581	1862	1869	1876	rBV	135076	229866	23.08%	2.620%
92	12.651	1876	1881	1888	rVB	149627	262011	26.31%	2.986%
93	12.851	1911	1915	1917	rBV	3349	3371	0.34%	0.038%
94	12.963	1932	1934	1935	rBV2	2792	1945	0.20%	0.022%
95	13.522	2022	2029	2039	rVB	407370	671771	67.46%	7.656%
96	13.822	2073	2080	2088	rVB	365272	616429	61.90%	7.025%
97	14.051	2111	2119	2124	rBV3	63666	108626	10.91%	1.238%
98	14.251	2151	2153	2156	rBV	3566	4182	0.42%	0.048%
99	14.881	2258	2260	2262	rBV	3402	2293	0.23%	0.026%
100	15.410	2347	2350	2351	rBV2	4574	5633	0.57%	0.064%

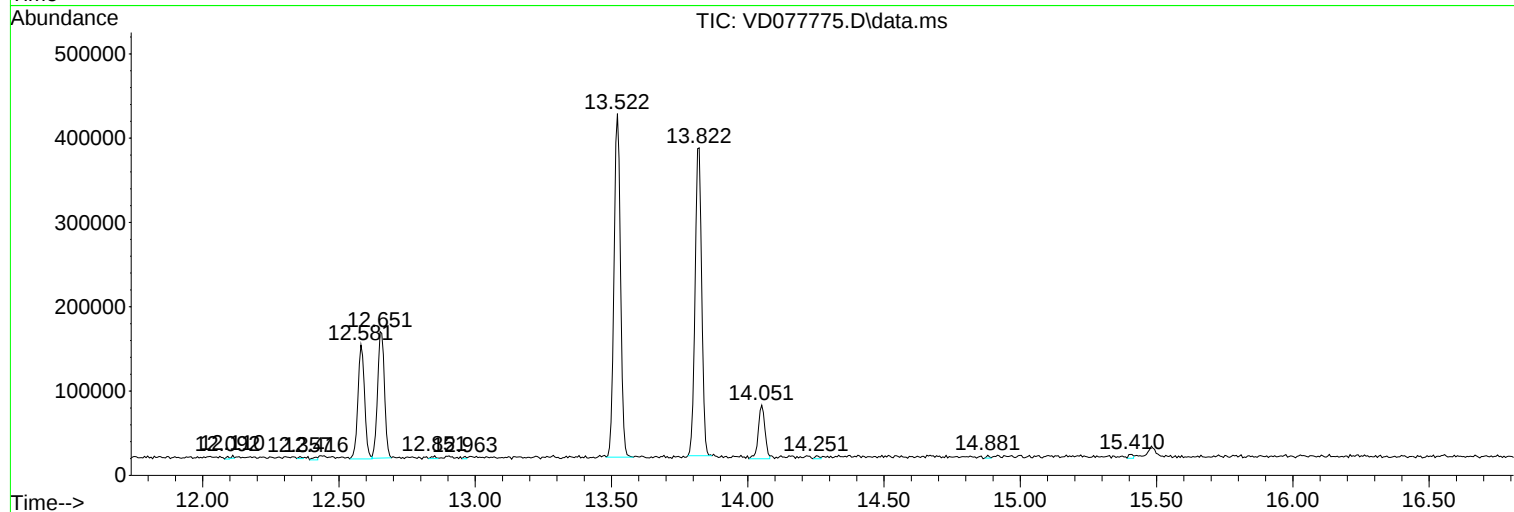
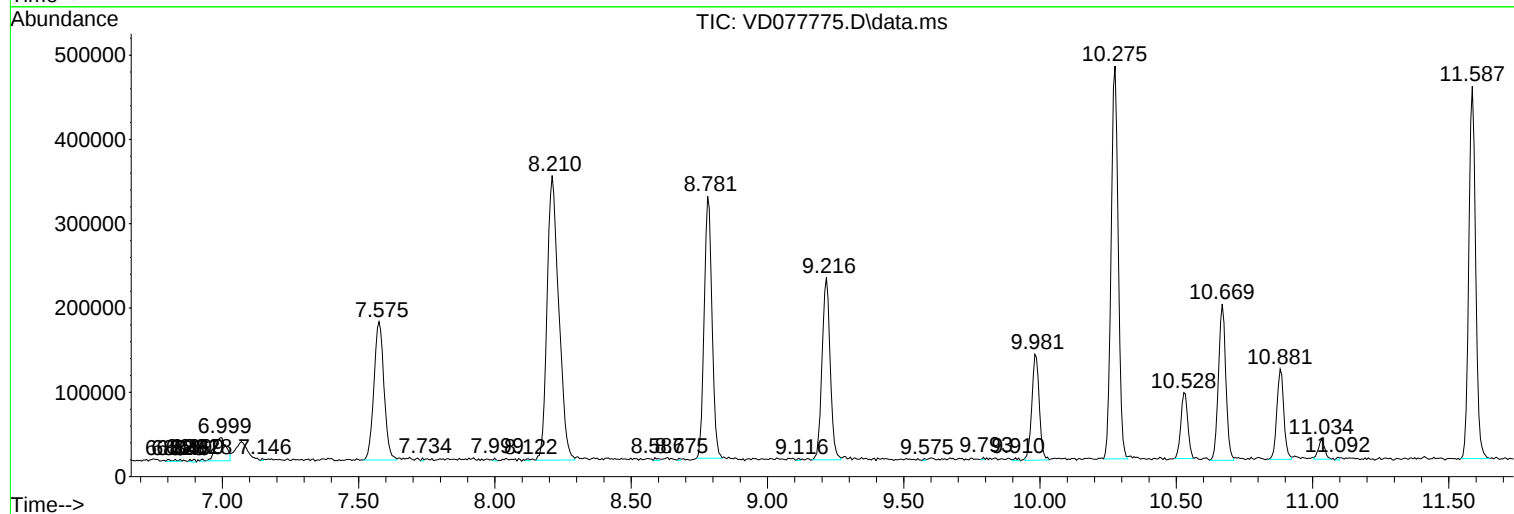
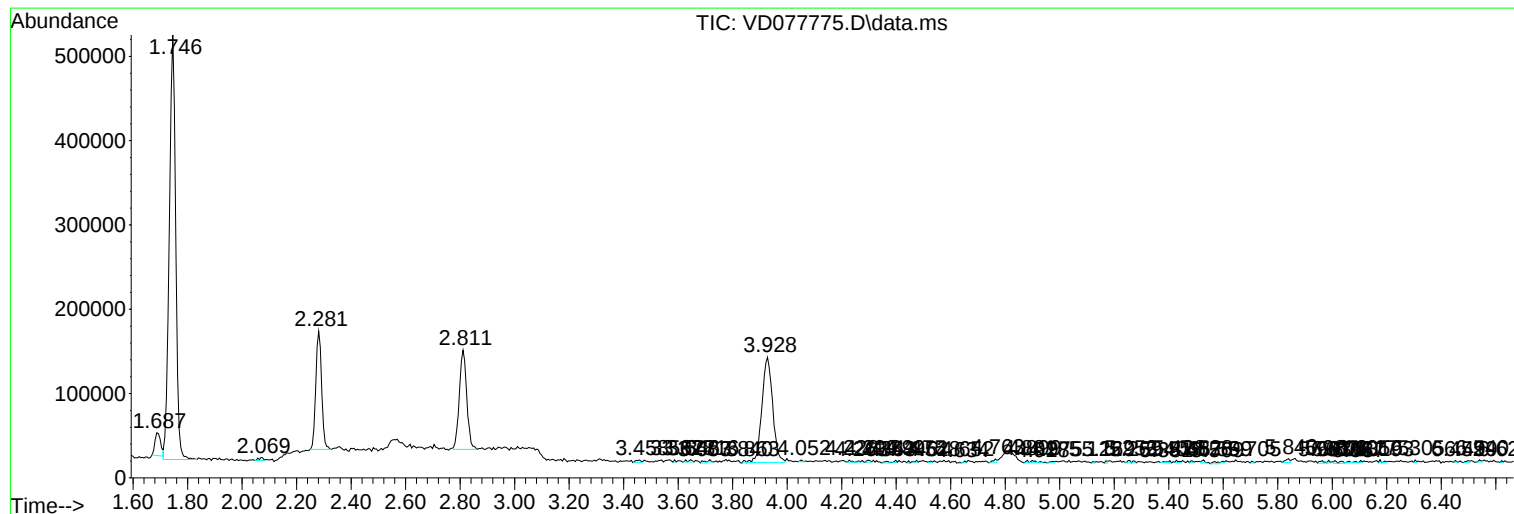
Sum of corrected areas: 8774715

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MSVOA_D
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VIBLK131

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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VIBLK131

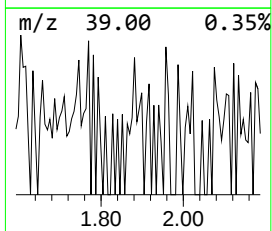
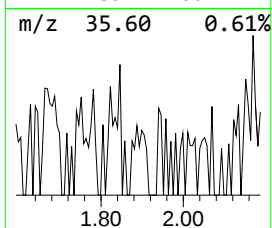
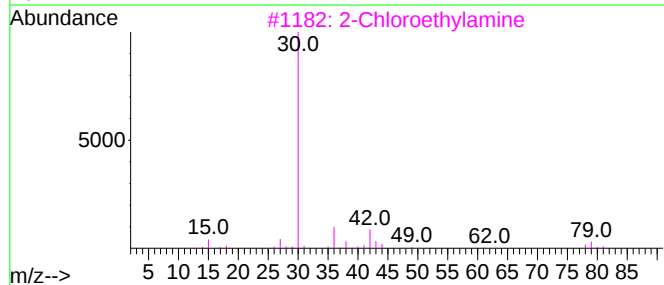
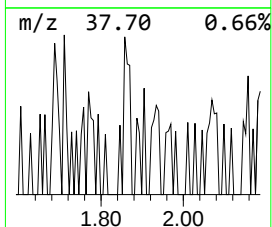
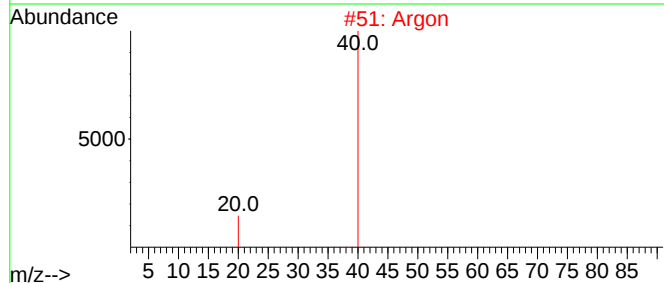
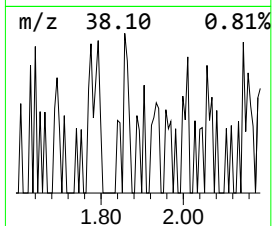
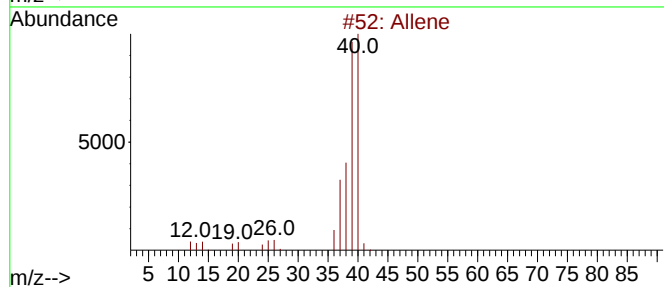
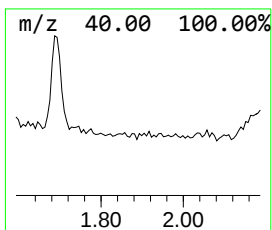
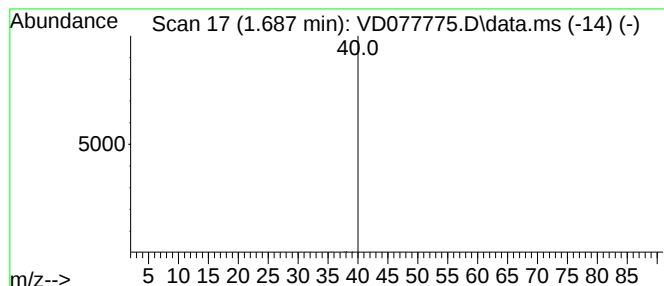
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.687	1.61 ug/L	40118	1,4-Difluorobenzene	8.781

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	2-Chloroethylamine			79	C2H6ClN	000689-98-5	1
4	Methanol-D4			36	CD4O	000811-98-3	1
5	Methyl fluoride			34	CH3F	000593-53-3	1



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.687	1.6	ug/L	40118	1	8.781	621246	25.0