

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075870.D
 Acq On : 27 Apr 2023 19:35
 Operator : KP/SY
 Sample : 02525-03
 Misc : 5.67G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCC3

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\SFAMDLM042023SMA.M
 Title : SFAM01.0

Signal : TIC: VD075870.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	367859	666819	47.75%	8.932%
2	1.728	20	24	34	rVB	902208	1396388	100.00%	18.704%
3	2.269	111	116	123	rVB	71178	103572	7.42%	1.387%
4	2.416	136	141	148	rBV	52863	82882	5.94%	1.110%
5	2.599	168	172	174	rBV3	2958	4022	0.29%	0.054%
6	2.793	199	205	212	rBV	64851	119168	8.53%	1.596%
7	3.287	288	289	291	rVB2	913	498	0.04%	0.007%
8	3.322	294	295	297	rBV2	987	574	0.04%	0.008%
9	3.910	385	395	406	rBV	59943	149758	10.72%	2.006%
10	4.022	407	414	422	rVB	29164	72454	5.19%	0.971%
11	4.122	429	431	433	rVB3	872	612	0.04%	0.008%
12	4.163	436	438	440	rBV2	1090	911	0.07%	0.012%
13	4.363	470	472	477	rVB	569	879	0.06%	0.012%
14	4.405	477	479	481	rBV2	857	765	0.05%	0.010%
15	4.510	496	497	500	rBV	954	568	0.04%	0.008%
16	4.569	505	507	510	rVB	633	558	0.04%	0.007%
17	4.605	510	513	515	rBV	900	823	0.06%	0.011%
18	4.805	537	547	557	rBV3	9510	29507	2.11%	0.395%
19	4.934	567	569	573	rBV2	722	763	0.05%	0.010%
20	5.016	582	583	586	rVB2	728	522	0.04%	0.007%
21	5.057	588	590	595	rVB2	774	965	0.07%	0.013%
22	5.105	595	598	599	rBV	747	630	0.05%	0.008%
23	5.234	618	620	622	rBV	1102	626	0.04%	0.008%
24	5.287	626	629	632	rBV2	538	787	0.06%	0.011%
25	5.434	651	654	657	rVV2	626	725	0.05%	0.010%
26	5.640	687	689	692	rBV	439	619	0.04%	0.008%
27	5.787	710	714	715	rVV	959	951	0.07%	0.013%
28	5.810	715	718	721	rVB2	711	866	0.06%	0.012%
29	5.863	725	727	732	rVV2	508	608	0.04%	0.008%
30	5.899	732	733	736	rVV	890	550	0.04%	0.007%
31	6.204	782	785	786	rVB2	705	567	0.04%	0.008%
32	6.387	812	816	817	rBV2	419	508	0.04%	0.007%
33	6.475	827	831	835	rBV2	816	1217	0.09%	0.016%
34	6.599	850	852	855	rVV2	650	655	0.05%	0.009%
35	6.657	860	862	864	rVB	842	551	0.04%	0.007%
36	6.699	864	869	870	rBV	459	717	0.05%	0.010%

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 Title : SFAM01.0

37	6.793	882	885	886	rBV2	580	566	0.04%	0.008%
38	6.869	895	898	899	rBV	1078	972	0.07%	0.013%
39	6.987	907	918	928	rBV	35739	103647	7.42%	1.388%
40	7.193	951	953	957	rBV3	607	650	0.05%	0.009%
41	7.240	959	961	962	rVB2	741	520	0.04%	0.007%
42	7.369	980	983	985	rBV2	736	897	0.06%	0.012%
43	7.422	990	992	995	rVB2	699	560	0.04%	0.008%
44	7.569	1004	1017	1028	rBV	106075	275658	19.74%	3.692%
45	7.734	1042	1045	1048	rVV	764	978	0.07%	0.013%
46	7.810	1055	1058	1059	rBV	939	709	0.05%	0.009%
47	7.875	1067	1069	1070	rBV	808	527	0.04%	0.007%
48	8.204	1116	1125	1145	rVV3	182882	613356	43.92%	8.216%
49	8.504	1173	1176	1180	rVB2	884	1113	0.08%	0.015%
50	8.775	1215	1222	1233	rVV	198481	397408	28.46%	5.323%
51	9.016	1260	1263	1264	rVV	1089	1098	0.08%	0.015%
52	9.075	1271	1273	1274	rBV	853	658	0.05%	0.009%
53	9.116	1277	1280	1284	rVB2	647	867	0.06%	0.012%
54	9.210	1284	1296	1305	rBV	152064	307211	22.00%	4.115%
55	9.363	1318	1322	1324	rVB2	750	880	0.06%	0.012%
56	9.398	1326	1328	1331	rBV2	954	840	0.06%	0.011%
57	9.451	1335	1337	1341	rVB3	1287	1390	0.10%	0.019%
58	9.493	1341	1344	1346	rBV	932	796	0.06%	0.011%
59	9.540	1349	1352	1354	rVB	1136	887	0.06%	0.012%
60	9.575	1354	1358	1359	rBV	672	784	0.06%	0.011%
61	9.687	1373	1377	1378	rBV	884	693	0.05%	0.009%
62	9.763	1388	1390	1392	rBV2	611	503	0.04%	0.007%
63	9.840	1400	1403	1404	rBV2	777	815	0.06%	0.011%
64	9.981	1420	1427	1435	rBV2	84018	153003	10.96%	2.049%
65	10.163	1455	1458	1461	rBV	772	965	0.07%	0.013%
66	10.269	1469	1476	1486	rBV	245599	438364	31.39%	5.872%
67	10.369	1491	1493	1496	rVB2	1220	922	0.07%	0.012%
68	10.528	1513	1520	1526	rVV2	66376	113145	8.10%	1.516%
69	10.663	1538	1543	1550	rVV3	4721	8347	0.60%	0.112%
70	10.716	1550	1552	1554	rVV2	838	627	0.04%	0.008%
71	10.763	1558	1560	1562	rVB	925	621	0.04%	0.008%
72	10.787	1562	1564	1566	rBV2	1006	945	0.07%	0.013%
73	10.881	1573	1580	1592	rBV	131913	225489	16.15%	3.020%
74	11.092	1615	1616	1622	rVB3	603	923	0.07%	0.012%
75	11.234	1639	1640	1643	rBV2	715	835	0.06%	0.011%
76	11.581	1692	1699	1712	rVB	348020	608733	43.59%	8.154%

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 Title : SFAM01.0

77	11.787	1730	1734	1735	rBV	1201	1099	0.08%	0.015%
78	11.828	1739	1741	1742	rVB	1085	544	0.04%	0.007%
79	12.028	1773	1775	1777	rBV	697	660	0.05%	0.009%
80	12.051	1777	1779	1781	rVV2	1036	921	0.07%	0.012%
81	12.322	1823	1825	1828	rVB2	751	714	0.05%	0.010%
82	12.439	1844	1845	1847	rBV	731	533	0.04%	0.007%
83	12.587	1861	1870	1874	rVB4	3129	6187	0.44%	0.083%
84	12.651	1874	1881	1891	rBV	244421	401109	28.72%	5.373%
85	12.804	1903	1907	1910	rBV2	645	1012	0.07%	0.014%
86	13.010	1940	1942	1944	rVB	802	584	0.04%	0.008%
87	13.028	1944	1945	1946	rBV	1220	621	0.04%	0.008%
88	13.228	1975	1979	1981	rBV3	1499	2315	0.17%	0.031%
89	13.428	2011	2013	2014	rBV	1135	807	0.06%	0.011%
90	13.516	2021	2028	2036	rBV	365673	593861	42.53%	7.955%
91	13.616	2040	2045	2050	rVB3	12349	19095	1.37%	0.256%
92	13.681	2054	2056	2057	rBV	984	704	0.05%	0.009%
93	13.816	2072	2079	2088	rVB	311563	514922	36.88%	6.897%
94	13.933	2098	2099	2101	rBV	794	601	0.04%	0.008%
95	14.451	2185	2187	2189	rBV2	738	666	0.05%	0.009%
96	15.004	2279	2281	2285	rBV3	1150	1622	0.12%	0.022%
97	15.475	2359	2361	2366	rBV3	1779	3022	0.22%	0.040%
98	15.992	2448	2449	2451	rBV	1595	1057	0.08%	0.014%
99	16.163	2477	2478	2479	rBV	1252	577	0.04%	0.008%
100	16.251	2491	2493	2495	rBV2	1271	840	0.06%	0.011%

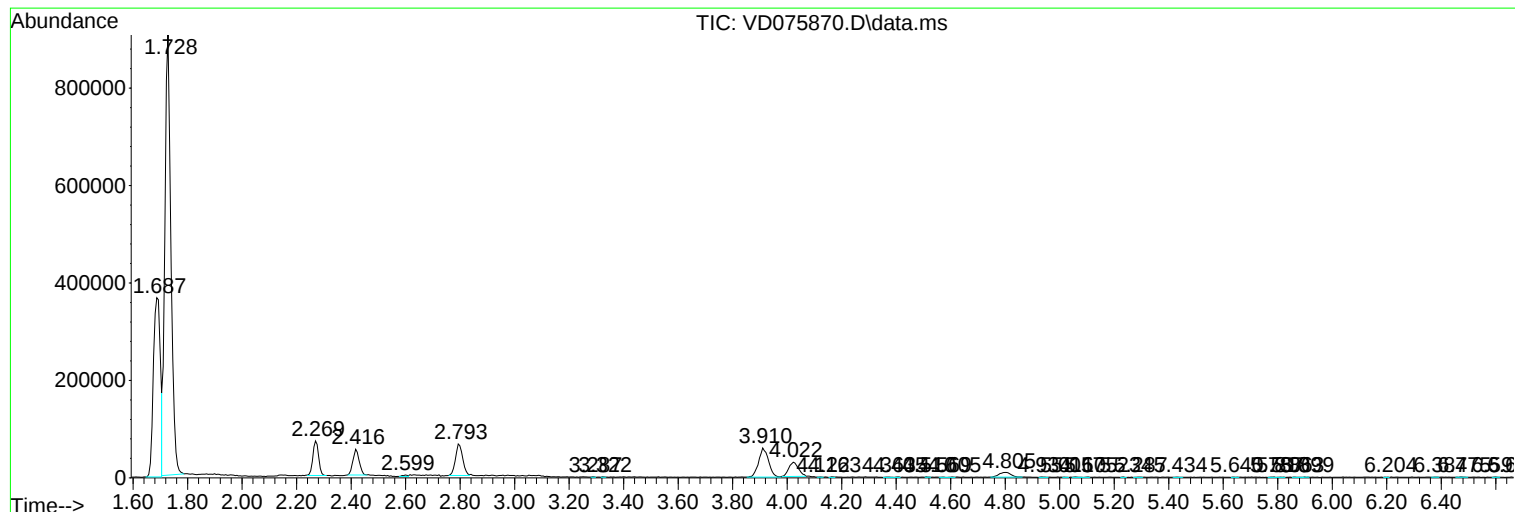
Sum of corrected areas: 7465560

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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



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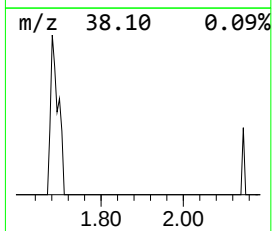
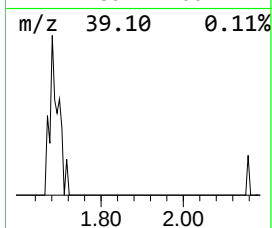
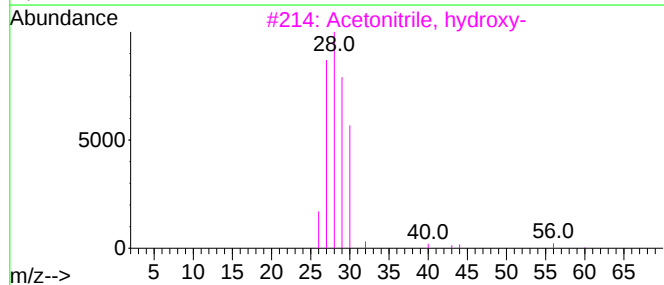
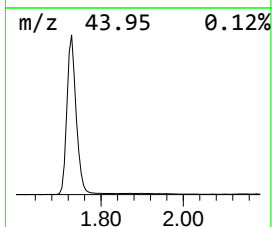
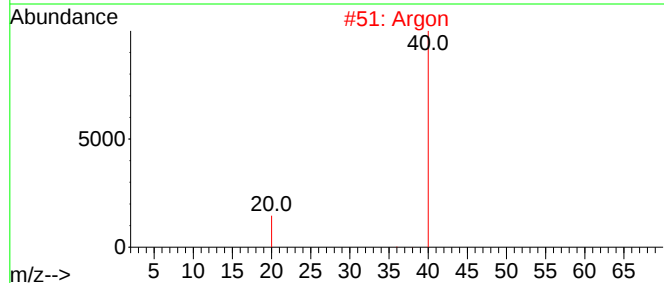
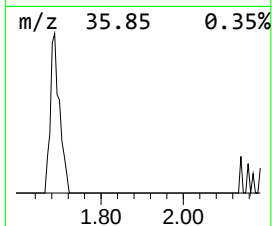
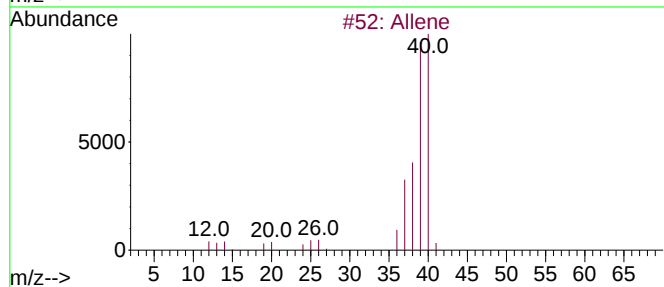
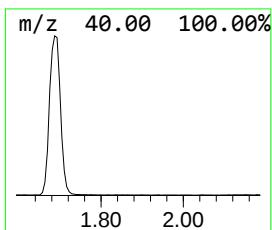
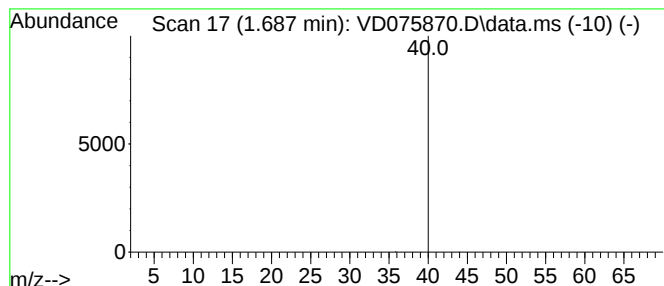
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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	41.95 ug/L	666819	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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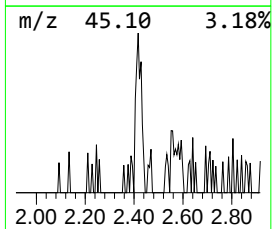
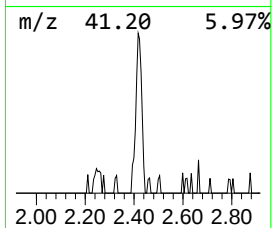
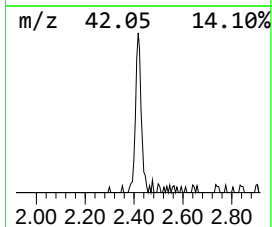
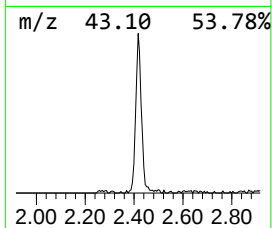
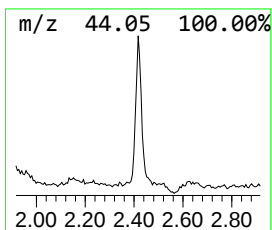
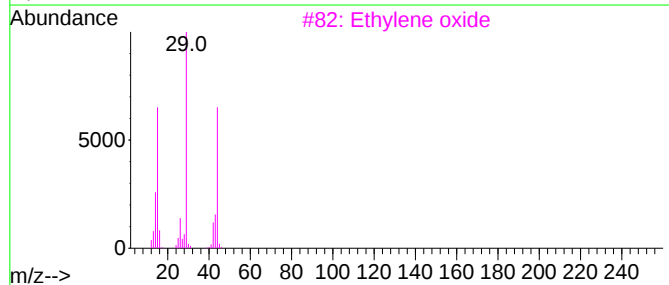
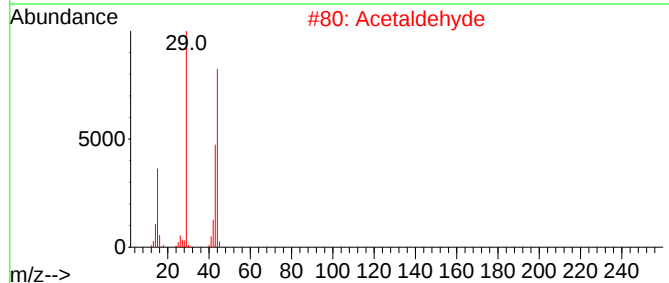
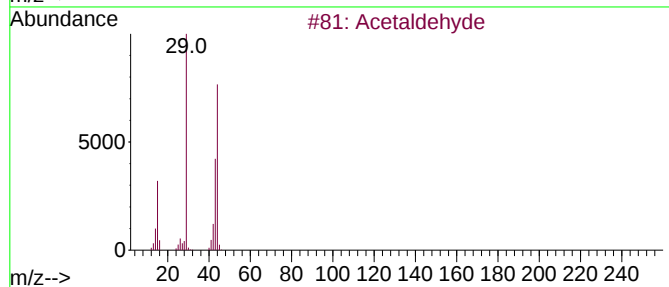
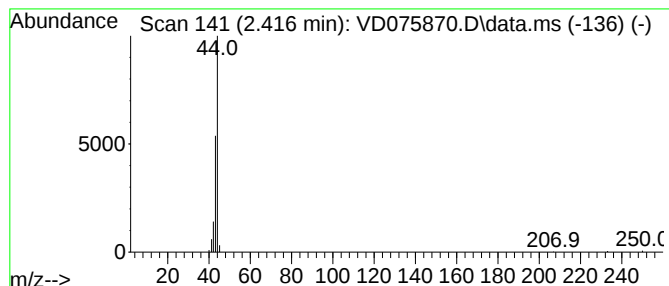
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.416	5.21 ug/L	82882	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	78
2			Acetaldehyde	44	C2H4O	000075-07-0	64
3			Ethylene oxide	44	C2H4O	000075-21-8	5
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.687	42.0	ug/L	666819	1	8.775	397408	25.0
Acetaldehyde	2.416	5.2	ug/L	82882	1	8.775	397408	25.0