

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075905.D
 Acq On : 28 Apr 2023 23:51
 Operator : KP/SY
 Sample : 02548-35
 Misc : 5.88G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCR5

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: VD075905.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.617	4	5	10	rVB2	508	491	0.03%	0.004%
2	1.652	10	11	13	rBV	892	433	0.02%	0.003%
3	1.740	13	26	40	rBV	1004021	1861387	100.00%	13.873%
4	2.275	111	117	126	rBV	179844	262965	14.13%	1.960%
5	2.422	136	142	155	rBV	221762	363850	19.55%	2.712%
6	2.587	166	170	171	rBV2	3996	3726	0.20%	0.028%
7	2.799	200	206	214	rBV	150548	281255	15.11%	2.096%
8	3.016	241	243	244	rBV2	1873	777	0.04%	0.006%
9	3.305	291	292	295	rBV2	843	575	0.03%	0.004%
10	3.346	298	299	301	rBV	494	330	0.02%	0.002%
11	3.634	342	348	353	rVB4	2568	5749	0.31%	0.043%
12	3.681	354	356	359	rBV	497	477	0.03%	0.004%
13	3.805	375	377	378	rBV	681	480	0.03%	0.004%
14	3.922	386	397	406	rBV	150549	397493	21.35%	2.963%
15	4.022	406	414	427	rVB	139104	372890	20.03%	2.779%
16	4.275	455	457	459	rBV2	911	862	0.05%	0.006%
17	4.534	500	501	504	rBV	564	583	0.03%	0.004%
18	4.587	508	510	512	rBV2	540	348	0.02%	0.003%
19	4.640	516	519	521	rBV	517	786	0.04%	0.006%
20	4.705	529	530	531	rVB	844	298	0.02%	0.002%
21	4.799	536	546	560	rVB3	26748	80301	4.31%	0.598%
22	5.005	578	581	582	rBV	514	343	0.02%	0.003%
23	5.158	604	607	611	rBV2	680	883	0.05%	0.007%
24	5.210	615	616	619	rVB	906	421	0.02%	0.003%
25	5.334	634	637	640	rVB2	652	715	0.04%	0.005%
26	5.381	643	645	648	rVB2	655	385	0.02%	0.003%
27	5.440	653	655	658	rBV2	594	538	0.03%	0.004%
28	5.605	682	683	685	rBV	549	292	0.02%	0.002%
29	5.669	689	694	695	rBV	3512	4147	0.22%	0.031%
30	5.834	719	722	726	rBV4	1939	3379	0.18%	0.025%
31	5.981	745	747	748	rBV2	689	518	0.03%	0.004%
32	6.252	791	793	797	rVB	837	864	0.05%	0.006%
33	6.293	797	800	804	rBV2	615	812	0.04%	0.006%
34	6.328	804	806	810	rBV2	862	1042	0.06%	0.008%
35	6.540	840	842	846	rVB	502	442	0.02%	0.003%
36	6.569	846	847	848	rBV	896	414	0.02%	0.003%

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 Title : SFAM01.0

37	6.769	879	881	884	rVB	821	622	0.03%	0.005%
38	6.834	890	892	893	rBV	716	395	0.02%	0.003%
39	6.904	901	904	905	rBV	1335	1415	0.08%	0.011%
40	6.993	910	919	926	rBV2	29973	84560	4.54%	0.630%
41	7.222	956	958	959	rBV2	526	310	0.02%	0.002%
42	7.287	967	969	970	rVB	631	306	0.02%	0.002%
43	7.340	976	978	979	rBV	695	368	0.02%	0.003%
44	7.357	979	981	984	rVB2	525	489	0.03%	0.004%
45	7.387	984	986	987	rBV	504	364	0.02%	0.003%
46	7.422	991	992	997	rBV2	661	751	0.04%	0.006%
47	7.569	1006	1017	1036	rBV	251083	628022	33.74%	4.681%
48	7.687	1036	1037	1041	rVB2	712	504	0.03%	0.004%
49	7.763	1048	1050	1052	rBV	553	455	0.02%	0.003%
50	7.781	1052	1053	1055	rBV	628	478	0.03%	0.004%
51	7.881	1068	1070	1071	rBV2	659	516	0.03%	0.004%
52	7.993	1087	1089	1092	rBV2	550	622	0.03%	0.005%
53	8.204	1114	1125	1142	rBV2	453625	1333484	71.64%	9.939%
54	8.481	1166	1172	1182	rVB2	21930	49011	2.63%	0.365%
55	8.651	1195	1201	1210	rVB3	10023	20842	1.12%	0.155%
56	8.781	1212	1223	1233	rBV	501081	1018248	54.70%	7.589%
57	8.981	1255	1257	1259	rBV2	740	812	0.04%	0.006%
58	9.022	1259	1264	1272	rVB7	5377	10309	0.55%	0.077%
59	9.104	1276	1278	1282	rBV2	847	1109	0.06%	0.008%
60	9.140	1282	1284	1285	rVB	694	328	0.02%	0.002%
61	9.157	1285	1287	1288	rBV	762	536	0.03%	0.004%
62	9.210	1288	1296	1306	rBV	317383	657545	35.33%	4.901%
63	9.351	1318	1320	1322	rVB2	1521	814	0.04%	0.006%
64	9.563	1352	1356	1357	rBV2	605	556	0.03%	0.004%
65	9.581	1357	1359	1360	rBV	722	353	0.02%	0.003%
66	9.646	1368	1370	1371	rBV	850	372	0.02%	0.003%
67	9.981	1419	1427	1439	rBV	157611	294370	15.81%	2.194%
68	10.075	1439	1443	1446	rVV2	1455	1699	0.09%	0.013%
69	10.157	1454	1457	1460	rBV3	1510	2182	0.12%	0.016%
70	10.269	1468	1476	1485	rBV	644757	1144039	61.46%	8.527%
71	10.445	1505	1506	1507	rBV	694	315	0.02%	0.002%
72	10.528	1512	1520	1530	rBV	108462	187724	10.09%	1.399%
73	10.669	1538	1544	1551	rVB3	6918	13404	0.72%	0.100%
74	10.810	1561	1568	1574	rBV2	134987	234271	12.59%	1.746%
75	10.881	1574	1580	1591	rVB	117992	203991	10.96%	1.520%
76	11.028	1598	1605	1609	rBV4	8688	14913	0.80%	0.111%

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 Title : SFAM01.0

77	11.098	1615	1617	1618	rBV	638	502	0.03%	0.004%
78	11.245	1640	1642	1644	rBV	1038	739	0.04%	0.006%
79	11.481	1678	1682	1684	rBV2	691	877	0.05%	0.007%
80	11.504	1684	1686	1689	rVB3	824	508	0.03%	0.004%
81	11.528	1689	1690	1692	rBV	631	408	0.02%	0.003%
82	11.581	1692	1699	1712	rVV	744669	1279854	68.76%	9.539%
83	11.669	1712	1714	1715	rBV2	784	469	0.03%	0.003%
84	11.934	1757	1759	1762	rBV2	815	1005	0.05%	0.007%
85	12.351	1829	1830	1831	rBV	971	406	0.02%	0.003%
86	12.416	1838	1841	1843	rVB2	948	815	0.04%	0.006%
87	12.581	1864	1869	1874	rVB2	13958	20704	1.11%	0.154%
88	12.651	1874	1881	1890	rBV	273909	455691	24.48%	3.396%
89	12.904	1921	1924	1928	rBV3	1151	1699	0.09%	0.013%
90	12.969	1933	1935	1936	rBV2	699	348	0.02%	0.003%
91	13.163	1966	1968	1970	rVB2	1242	872	0.05%	0.006%
92	13.234	1974	1980	1985	rVB5	3946	7359	0.40%	0.055%
93	13.434	2011	2014	2021	rBV4	2940	3459	0.19%	0.026%
94	13.522	2022	2029	2043	rVB	698870	1121103	60.23%	8.356%
95	13.816	2072	2079	2087	rVB	565579	940557	50.53%	7.010%
96	14.051	2114	2119	2125	rVB3	8746	12537	0.67%	0.093%
97	14.116	2128	2130	2131	rBV	818	448	0.02%	0.003%
98	14.298	2158	2161	2164	rBV2	2552	2828	0.15%	0.021%
99	14.445	2184	2186	2188	rBV2	1121	702	0.04%	0.005%
100	14.986	2276	2278	2279	rBV	1332	523	0.03%	0.004%

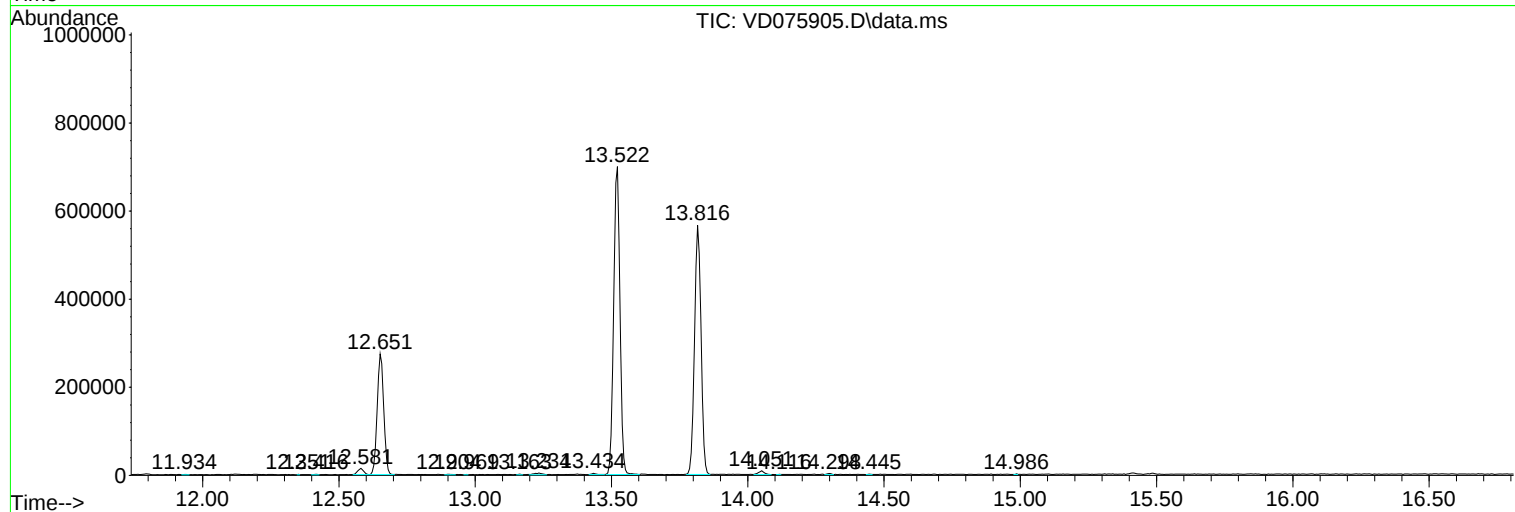
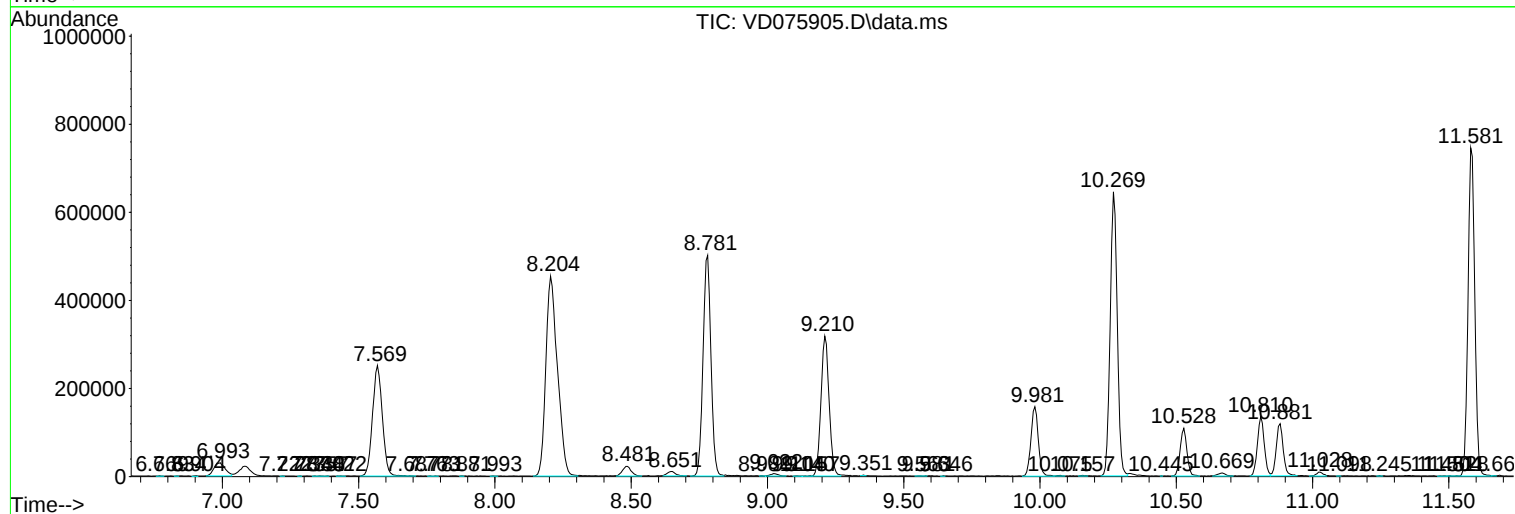
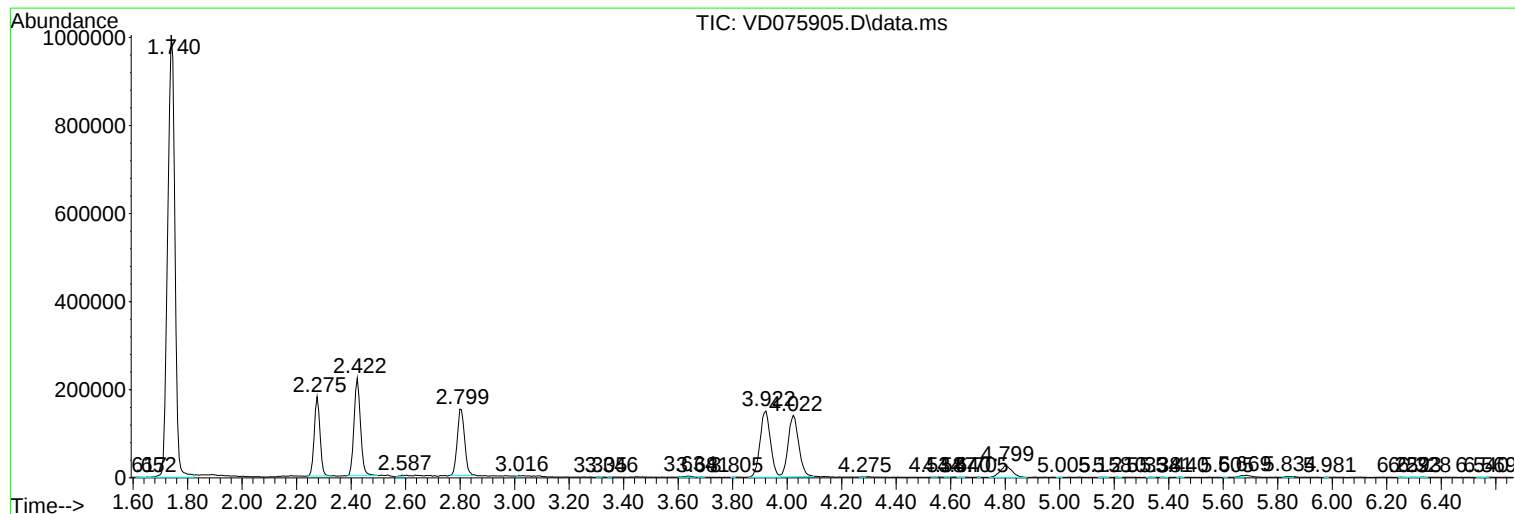
Sum of corrected areas: 13417068

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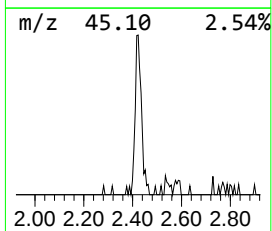
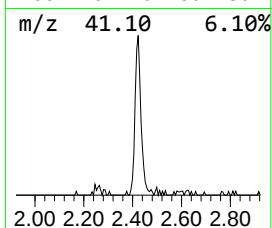
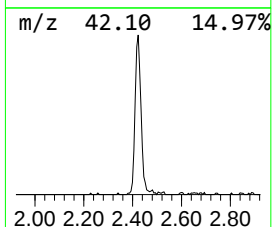
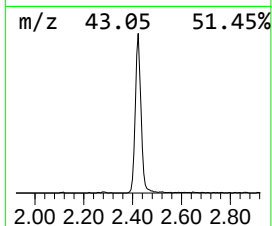
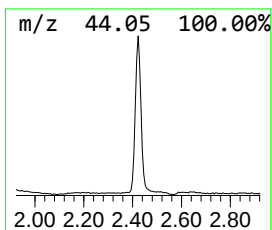
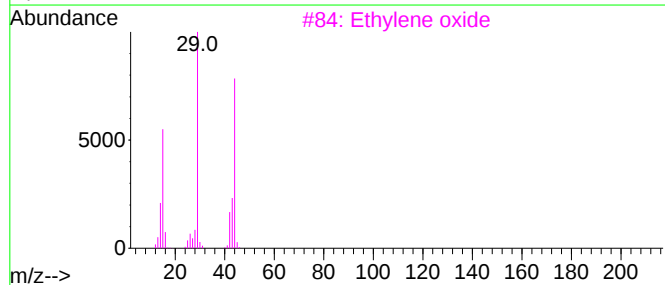
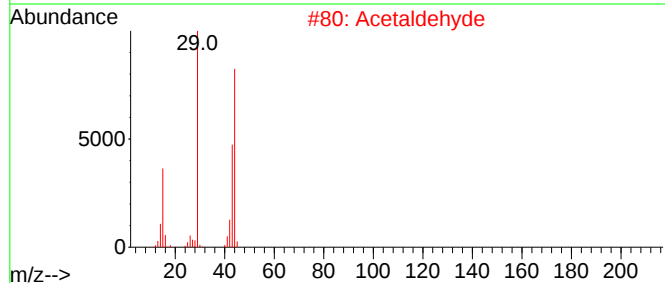
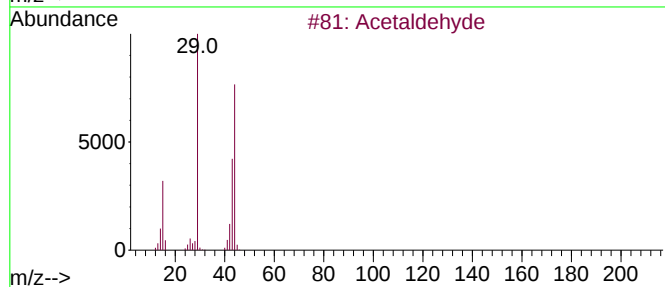
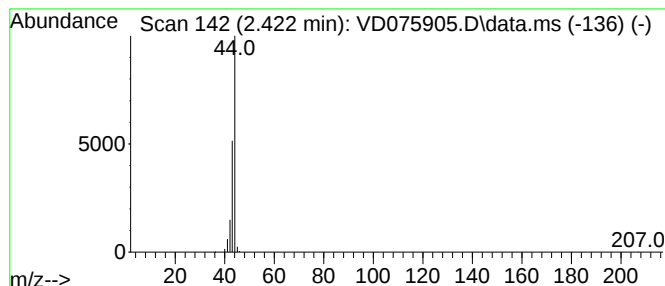
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.422	8.93 ug/L	363850	1,4-Difluorobenzene	8.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	74
2			Acetaldehyde	44	C2H4O	000075-07-0	74
3			Ethylene oxide	44	C2H4O	000075-21-8	9
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.422	8.9	ug/L	363850	1	8.781	1018250	25.0