

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062024\
 Data File : VD079218.D
 Acq On : 20 Jun 2024 15:50
 Operator : RP/MD
 Sample : P2897-17
 Misc : 4.15G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0T64

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\SFAMDLM052924SMA.M
 Title : SFAM01.0

Signal : TIC: VD079218.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.681	13	16	18	rBV	2428	2943	0.42%	0.060%
2	1.740	19	26	39	rVB	426067	695047	100.00%	14.248%
3	2.152	92	96	97	rBV	1843	2388	0.34%	0.049%
4	2.270	111	116	123	rVB	114043	160913	23.15%	3.299%
5	2.417	136	141	149	rVB	22800	38686	5.57%	0.793%
6	2.793	199	205	216	rVB	97393	181556	26.12%	3.722%
7	3.252	281	283	285	rVB	564	422	0.06%	0.009%
8	3.269	285	286	289	rVB	932	752	0.11%	0.015%
9	3.299	289	291	294	rBV	1074	1197	0.17%	0.025%
10	3.405	308	309	310	rBV	872	455	0.07%	0.009%
11	3.481	320	322	323	rBV2	541	431	0.06%	0.009%
12	3.911	385	395	408	rBV2	65668	169041	24.32%	3.465%
13	4.005	410	411	412	rBV	767	378	0.05%	0.008%
14	4.064	419	421	423	rVB	654	504	0.07%	0.010%
15	4.093	423	426	428	rBV	860	821	0.12%	0.017%
16	4.111	428	429	431	rVB	712	374	0.05%	0.008%
17	4.134	431	433	434	rBV2	485	478	0.07%	0.010%
18	4.246	449	452	454	rBV2	920	1145	0.16%	0.023%
19	4.416	480	481	484	rBV	654	621	0.09%	0.013%
20	4.452	486	487	490	rVB	886	715	0.10%	0.015%
21	4.475	490	491	494	rBV	497	548	0.08%	0.011%
22	4.516	497	498	500	rBV	598	531	0.08%	0.011%
23	4.569	504	507	510	rBV2	564	747	0.11%	0.015%
24	4.640	516	519	522	rBV	684	1031	0.15%	0.021%
25	4.716	529	532	535	rBV2	826	961	0.14%	0.020%
26	4.799	535	546	554	rVV4	7458	22241	3.20%	0.456%
27	4.887	559	561	562	rBV	531	466	0.07%	0.010%
28	5.211	615	616	619	rBV2	481	595	0.09%	0.012%
29	5.663	691	693	696	rBV2	370	398	0.06%	0.008%
30	5.787	713	714	715	rBV	672	367	0.05%	0.008%
31	5.834	715	722	723	rBV2	3770	4801	0.69%	0.098%
32	5.969	743	745	749	rBV2	650	673	0.10%	0.014%
33	6.005	749	751	752	rBV	568	514	0.07%	0.011%
34	6.210	784	786	789	rVB2	490	422	0.06%	0.009%
35	6.287	797	799	801	rBV	573	457	0.07%	0.009%
36	6.305	801	802	806	rVB2	509	446	0.06%	0.009%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Title : SFAM01.0

37	6.440	823	825	827	rBV	768	745	0.11%	0.015%
38	6.722	871	873	874	rVB	617	380	0.05%	0.008%
39	6.805	885	887	889	rVB2	543	435	0.06%	0.009%
40	6.875	896	899	900	rBV	447	384	0.06%	0.008%
41	6.910	903	905	908	rBV2	577	550	0.08%	0.011%
42	6.981	908	917	928	rBV	16766	46012	6.62%	0.943%
43	7.569	1006	1017	1030	rVB	93376	239359	34.44%	4.907%
44	7.687	1035	1037	1039	rBV2	439	406	0.06%	0.008%
45	7.775	1051	1052	1054	rBV2	490	388	0.06%	0.008%
46	8.034	1095	1096	1099	rVB2	429	386	0.06%	0.008%
47	8.199	1115	1124	1138	rBV2	178758	535707	77.07%	10.981%
48	8.305	1140	1142	1144	rVB	944	600	0.09%	0.012%
49	8.381	1152	1155	1156	rBV2	413	515	0.07%	0.011%
50	8.593	1188	1191	1193	rVB2	454	529	0.08%	0.011%
51	8.622	1193	1196	1199	rBV	687	790	0.11%	0.016%
52	8.687	1205	1207	1208	rBV	635	406	0.06%	0.008%
53	8.775	1214	1222	1232	rBV	231863	461735	66.43%	9.465%
54	9.016	1260	1263	1264	rBV2	664	587	0.08%	0.012%
55	9.204	1288	1295	1303	rBV2	119948	244003	35.11%	5.002%
56	9.363	1321	1322	1324	rVB	663	406	0.06%	0.008%
57	9.469	1338	1340	1341	rVB	730	402	0.06%	0.008%
58	9.499	1341	1345	1346	rBV2	402	546	0.08%	0.011%
59	9.575	1353	1358	1359	rBV2	622	881	0.13%	0.018%
60	9.804	1395	1397	1400	rBV	485	427	0.06%	0.009%
61	9.887	1409	1411	1414	rVB	567	435	0.06%	0.009%
62	9.975	1420	1426	1435	rBV2	58899	109449	15.75%	2.244%
63	10.269	1468	1476	1485	rBV	230349	407627	58.65%	8.356%
64	10.522	1512	1519	1526	rBV2	43017	73189	10.53%	1.500%
65	10.587	1528	1530	1533	rBV	388	467	0.07%	0.010%
66	10.663	1536	1543	1550	rBV	8180	13322	1.92%	0.273%
67	10.763	1558	1560	1562	rVB2	603	497	0.07%	0.010%
68	10.804	1564	1567	1571	rBV3	779	1066	0.15%	0.022%
69	10.875	1573	1579	1585	rBV	61707	98937	14.23%	2.028%
70	10.981	1596	1597	1600	rBV2	613	683	0.10%	0.014%
71	11.181	1627	1631	1632	rBV2	858	702	0.10%	0.014%
72	11.369	1661	1663	1666	rBV2	454	378	0.05%	0.008%
73	11.446	1674	1676	1679	rVB2	590	433	0.06%	0.009%
74	11.581	1691	1699	1711	rVV	314291	543172	78.15%	11.134%
75	11.681	1714	1716	1719	rVB2	1045	1020	0.15%	0.021%
76	11.710	1719	1721	1726	rBV2	497	725	0.10%	0.015%

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 Title : SFAM01.0

77	11.863	1746	1747	1750	rBV2	597	544	0.08%	0.011%
78	11.951	1758	1762	1765	rBV2	466	569	0.08%	0.012%
79	12.022	1772	1774	1778	rBV2	574	815	0.12%	0.017%
80	12.122	1790	1791	1793	rVV	1351	718	0.10%	0.015%
81	12.475	1850	1851	1854	rVB2	490	391	0.06%	0.008%
82	12.569	1864	1867	1873	rVB3	3833	5751	0.83%	0.118%
83	12.645	1873	1880	1889	rBV	120490	197013	28.35%	4.039%
84	12.851	1913	1915	1917	rBV2	1108	897	0.13%	0.018%
85	12.898	1921	1923	1926	rBV2	842	695	0.10%	0.014%
86	13.075	1949	1953	1956	rBV2	1358	1646	0.24%	0.034%
87	13.140	1962	1964	1966	rBV	412	442	0.06%	0.009%
88	13.451	2015	2017	2021	rBV2	822	974	0.14%	0.020%
89	13.516	2021	2028	2036	rVB	203710	338600	48.72%	6.941%
90	13.575	2036	2038	2040	rBV2	956	749	0.11%	0.015%
91	13.616	2040	2045	2051	rVB4	7815	11583	1.67%	0.237%
92	13.763	2068	2070	2071	rBV	837	665	0.10%	0.014%
93	13.810	2071	2078	2085	rVB	137843	221050	31.80%	4.531%
94	13.940	2098	2100	2102	rBV2	716	558	0.08%	0.011%
95	14.039	2114	2117	2122	rVB4	1905	3386	0.49%	0.069%
96	14.263	2151	2155	2158	rBV3	3048	4976	0.72%	0.102%
97	15.328	2334	2336	2338	rBV2	1279	1324	0.19%	0.027%
98	15.834	2420	2422	2425	rBV2	764	748	0.11%	0.015%
99	16.010	2450	2452	2456	rBV2	1011	729	0.10%	0.015%
100	16.469	2529	2530	2532	rBV2	898	767	0.11%	0.016%

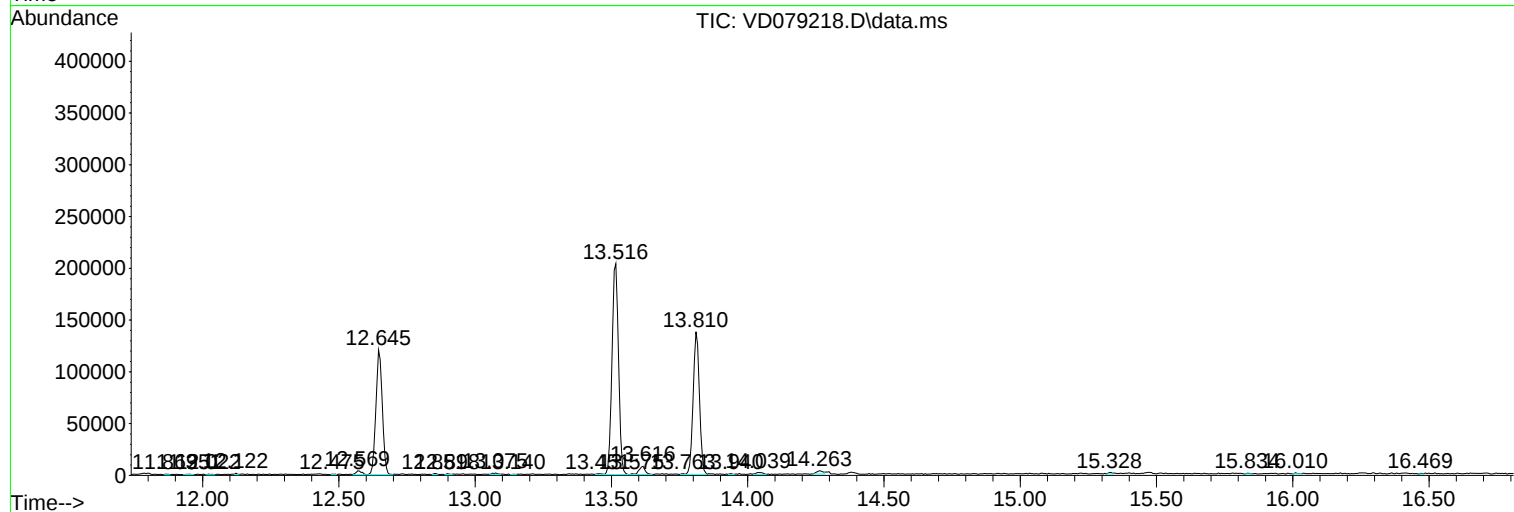
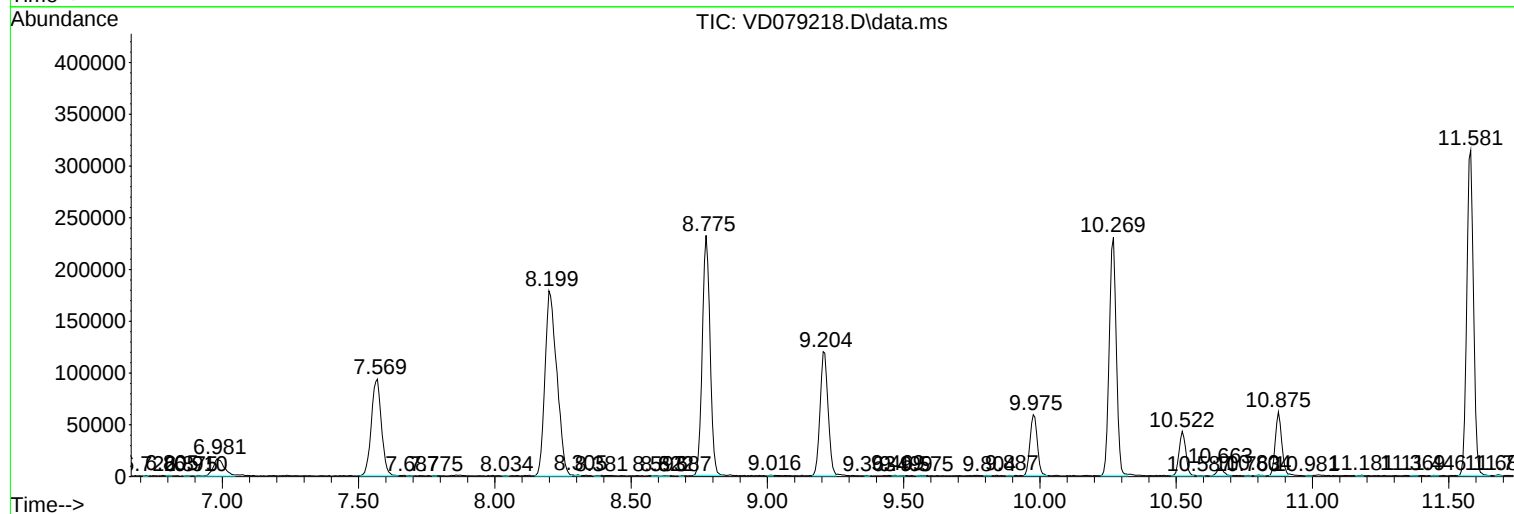
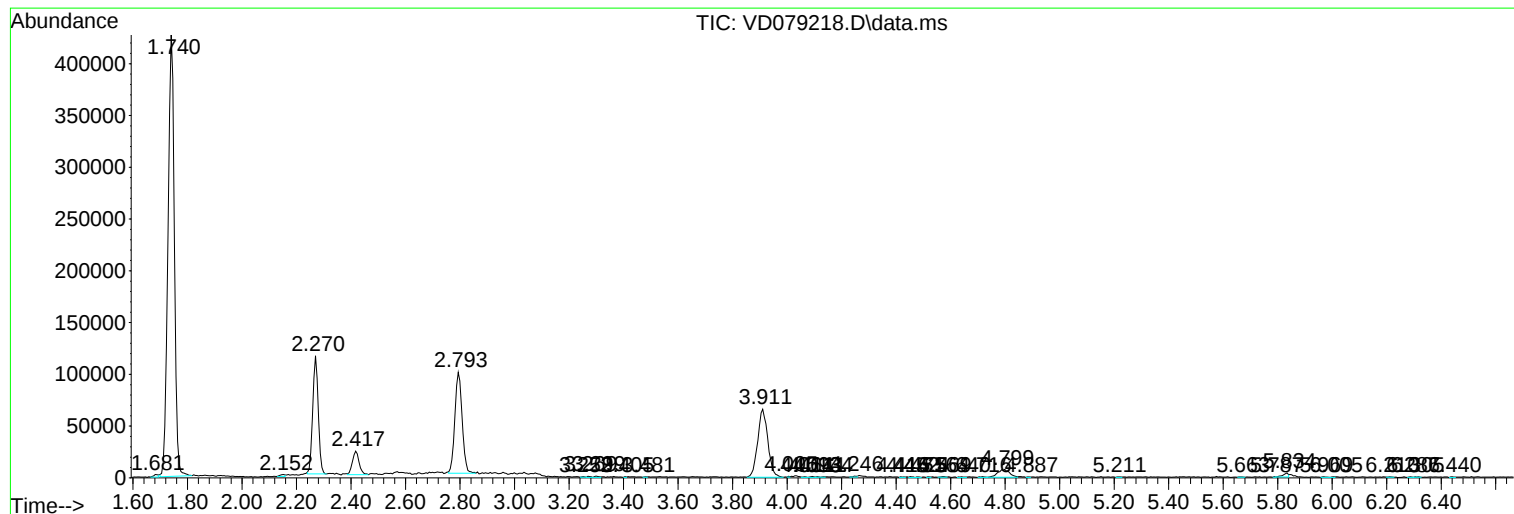
Sum of corrected areas: 4878336

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0

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



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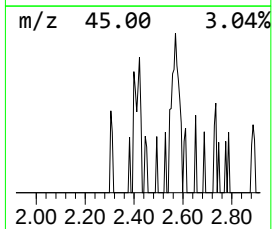
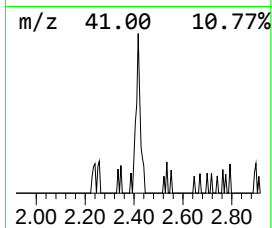
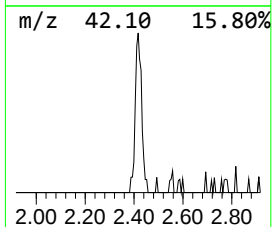
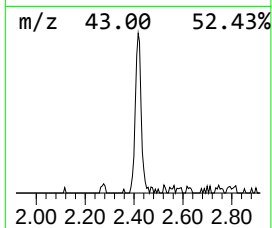
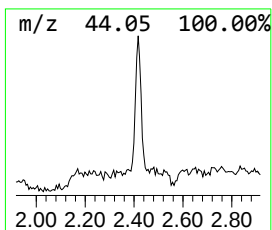
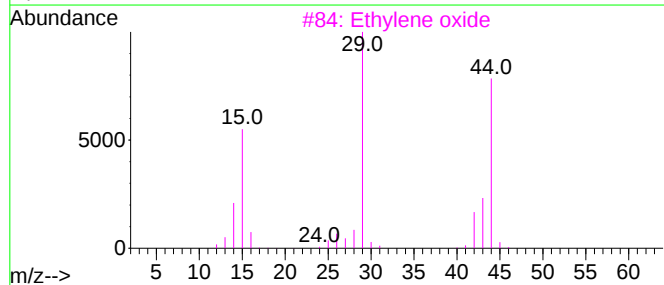
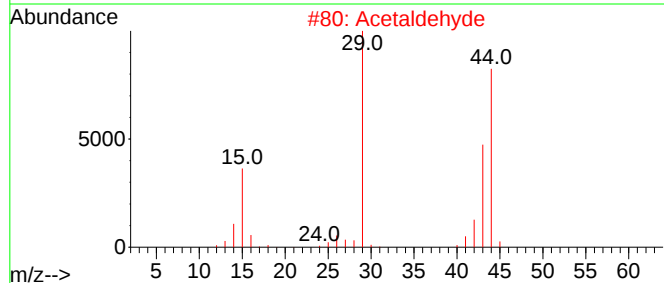
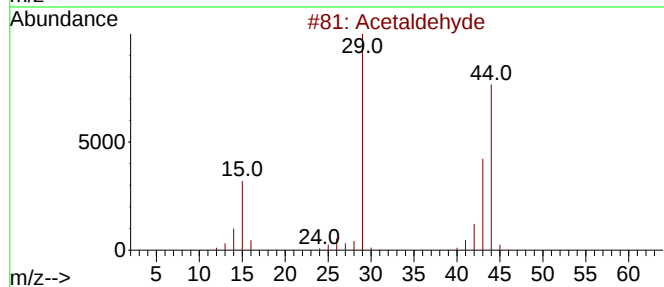
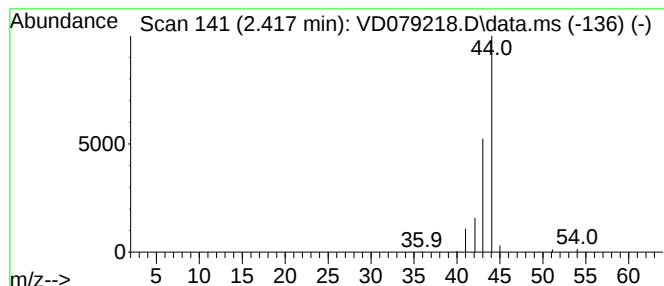
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Acetaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.417	2.09 ug/L	38686	1,4-Difluorobenzene	8.775

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	5
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	2.417	2.1	ug/L	38686	1	8.775	461735	25.0