

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042923\
 Data File : VD075922.D
 Acq On : 29 Apr 2023 17:49
 Operator : KP/SY
 Sample : 02548-37
 Misc : 6.42G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCR7

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: VD075922.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.728	12	24	39	rBV	381869	743773	93.88%	10.274%
2	2.270	111	116	123	rBV	102111	150381	18.98%	2.077%
3	2.417	136	141	148	rVB	35980	60013	7.57%	0.829%
4	2.587	168	170	172	rBV2	2487	2345	0.30%	0.032%
5	2.799	199	206	213	rBV	89343	163371	20.62%	2.257%
6	3.352	298	300	303	rVB2	533	428	0.05%	0.006%
7	3.758	368	369	370	rVV	933	347	0.04%	0.005%
8	3.775	370	372	373	rVB	647	375	0.05%	0.005%
9	3.828	380	381	384	rBV2	621	429	0.05%	0.006%
10	3.917	384	396	407	rBV2	79885	215012	27.14%	2.970%
11	4.017	407	413	426	rVB	21286	56465	7.13%	0.780%
12	4.222	447	448	450	rBV	536	390	0.05%	0.005%
13	4.464	488	489	490	rBV	704	335	0.04%	0.005%
14	4.558	504	505	508	rVB2	512	388	0.05%	0.005%
15	4.587	508	510	511	rBV	655	454	0.06%	0.006%
16	4.717	530	532	535	rBV	536	442	0.06%	0.006%
17	4.740	535	536	537	rVV	602	368	0.05%	0.005%
18	4.805	537	547	558	rVV4	9034	27786	3.51%	0.384%
19	4.881	558	560	562	rVV	574	480	0.06%	0.007%
20	4.922	565	567	569	rVV	700	556	0.07%	0.008%
21	4.970	571	575	578	rVB2	489	651	0.08%	0.009%
22	5.040	585	587	588	rBV	641	429	0.05%	0.006%
23	5.093	594	596	599	rVB	1161	969	0.12%	0.013%
24	5.117	599	600	602	rBV	947	686	0.09%	0.009%
25	5.181	609	611	613	rBV	506	453	0.06%	0.006%
26	5.405	648	649	651	rBV2	661	492	0.06%	0.007%
27	5.593	679	681	684	rBV2	593	470	0.06%	0.006%
28	5.664	692	693	695	rBV	513	366	0.05%	0.005%
29	5.828	717	721	723	rBV3	1386	2013	0.25%	0.028%
30	5.905	732	734	739	rVB2	691	541	0.07%	0.007%
31	5.981	746	747	749	rVV	634	375	0.05%	0.005%
32	6.199	782	784	785	rVB	727	418	0.05%	0.006%
33	6.246	791	792	794	rBV	782	492	0.06%	0.007%
34	6.369	812	813	816	rBV2	628	472	0.06%	0.007%
35	6.534	839	841	843	rBV2	716	806	0.10%	0.011%
36	6.587	848	850	851	rBV	671	646	0.08%	0.009%

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

37	6.787	883	884	887	rVB2	749	347	0.04%	0.005%
38	6.816	887	889	891	rBV2	528	434	0.05%	0.006%
39	6.869	896	898	901	rVB2	571	460	0.06%	0.006%
40	6.905	901	904	905	rBV	458	373	0.05%	0.005%
41	6.987	909	918	927	rBV2	32469	90734	11.45%	1.253%
42	7.146	944	945	952	rVB3	926	1211	0.15%	0.017%
43	7.205	954	955	957	rBV	650	455	0.06%	0.006%
44	7.316	973	974	976	rBV2	722	440	0.06%	0.006%
45	7.334	976	977	981	rVV2	629	671	0.08%	0.009%
46	7.387	985	986	988	rBV	613	514	0.06%	0.007%
47	7.428	992	993	996	rBV	518	447	0.06%	0.006%
48	7.463	996	999	1001	rVB2	645	533	0.07%	0.007%
49	7.481	1001	1002	1004	rVB	711	374	0.05%	0.005%
50	7.563	1004	1016	1029	rBV	144506	372664	47.04%	5.148%
51	8.134	1109	1113	1115	rBV2	471	651	0.08%	0.009%
52	8.205	1115	1125	1140	rBV2	258029	792260	100.00%	10.944%
53	8.381	1153	1155	1158	rBV2	756	729	0.09%	0.010%
54	8.428	1161	1163	1165	rVB2	611	396	0.05%	0.005%
55	8.646	1198	1200	1201	rBV	656	487	0.06%	0.007%
56	8.687	1205	1207	1208	rBV	572	495	0.06%	0.007%
57	8.775	1213	1222	1233	rBV	241461	504804	63.72%	6.973%
58	8.910	1243	1245	1248	rVB2	868	696	0.09%	0.010%
59	9.005	1259	1261	1265	rVB3	1507	1784	0.23%	0.025%
60	9.210	1287	1296	1306	rBV	193762	392906	49.59%	5.428%
61	9.352	1317	1320	1323	rBV3	837	1131	0.14%	0.016%
62	9.463	1337	1339	1342	rBV2	750	926	0.12%	0.013%
63	9.546	1352	1353	1356	rVB2	619	546	0.07%	0.008%
64	9.675	1372	1375	1376	rVV	885	677	0.09%	0.009%
65	9.834	1401	1402	1404	rBV	433	336	0.04%	0.005%
66	9.893	1410	1412	1413	rBV	915	493	0.06%	0.007%
67	9.981	1420	1427	1435	rBV	98107	182944	23.09%	2.527%
68	10.063	1439	1441	1443	rVB2	1038	718	0.09%	0.010%
69	10.269	1465	1476	1489	rBV	345156	615467	77.68%	8.502%
70	10.528	1512	1520	1528	rBV2	72500	132118	16.68%	1.825%
71	10.669	1540	1544	1548	rVB3	4280	6602	0.83%	0.091%
72	10.810	1567	1568	1572	rVB2	1259	1051	0.13%	0.015%
73	10.881	1572	1580	1586	rBV	113195	200950	25.36%	2.776%
74	11.028	1599	1605	1609	rBV4	5818	10743	1.36%	0.148%
75	11.163	1626	1628	1629	rVB2	886	620	0.08%	0.009%
76	11.187	1629	1632	1633	rBV	842	864	0.11%	0.012%

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 Title : SFAM01.0

77	11.252	1641	1643	1647	rBV2	852	906	0.11%	0.013%
78	11.346	1657	1659	1660	rBV	728	618	0.08%	0.009%
79	11.440	1673	1675	1678	rBV2	652	610	0.08%	0.008%
80	11.487	1682	1683	1684	rBV	875	456	0.06%	0.006%
81	11.581	1691	1699	1714	rBV	408348	717359	90.55%	9.910%
82	11.681	1714	1716	1717	rBV	1330	895	0.11%	0.012%
83	11.875	1748	1749	1752	rBV3	790	641	0.08%	0.009%
84	11.951	1760	1762	1764	rVV2	818	490	0.06%	0.007%
85	12.087	1783	1785	1786	rVB2	783	363	0.05%	0.005%
86	12.128	1791	1792	1794	rVV	817	413	0.05%	0.006%
87	12.251	1811	1813	1815	rBV2	866	713	0.09%	0.010%
88	12.540	1861	1862	1864	rBV	722	653	0.08%	0.009%
89	12.581	1864	1869	1874	rVV3	6852	12050	1.52%	0.166%
90	12.651	1874	1881	1890	rVB	244117	401409	50.67%	5.545%
91	12.740	1895	1896	1899	rBV3	1083	1005	0.13%	0.014%
92	12.875	1918	1919	1922	rBV2	665	644	0.08%	0.009%
93	13.522	2022	2029	2039	rBV	417063	684782	86.43%	9.460%
94	13.616	2041	2045	2051	rVB4	10555	17019	2.15%	0.235%
95	13.816	2072	2079	2086	rVB	389676	638654	80.61%	8.822%
96	13.963	2103	2104	2106	rVB	1301	576	0.07%	0.008%
97	14.451	2185	2187	2190	rBV3	889	751	0.09%	0.010%
98	14.645	2218	2220	2223	rBV3	1188	1193	0.15%	0.016%
99	15.469	2358	2360	2361	rBV2	1271	842	0.11%	0.012%
100	16.439	2524	2525	2526	rBV	1408	556	0.07%	0.008%

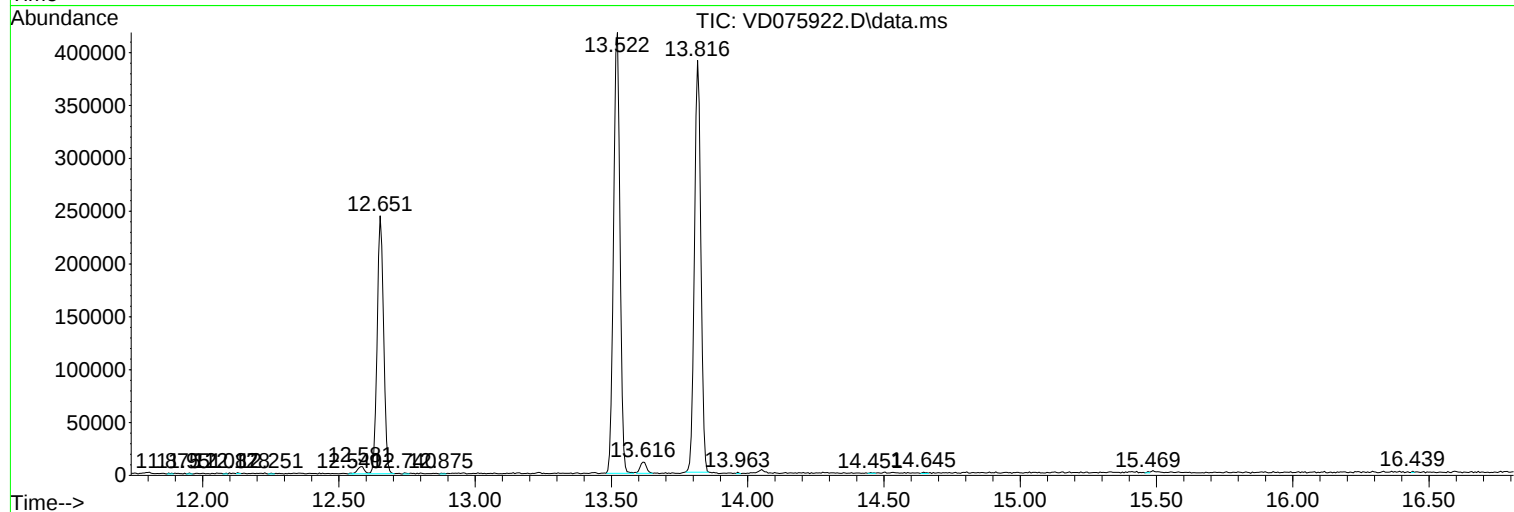
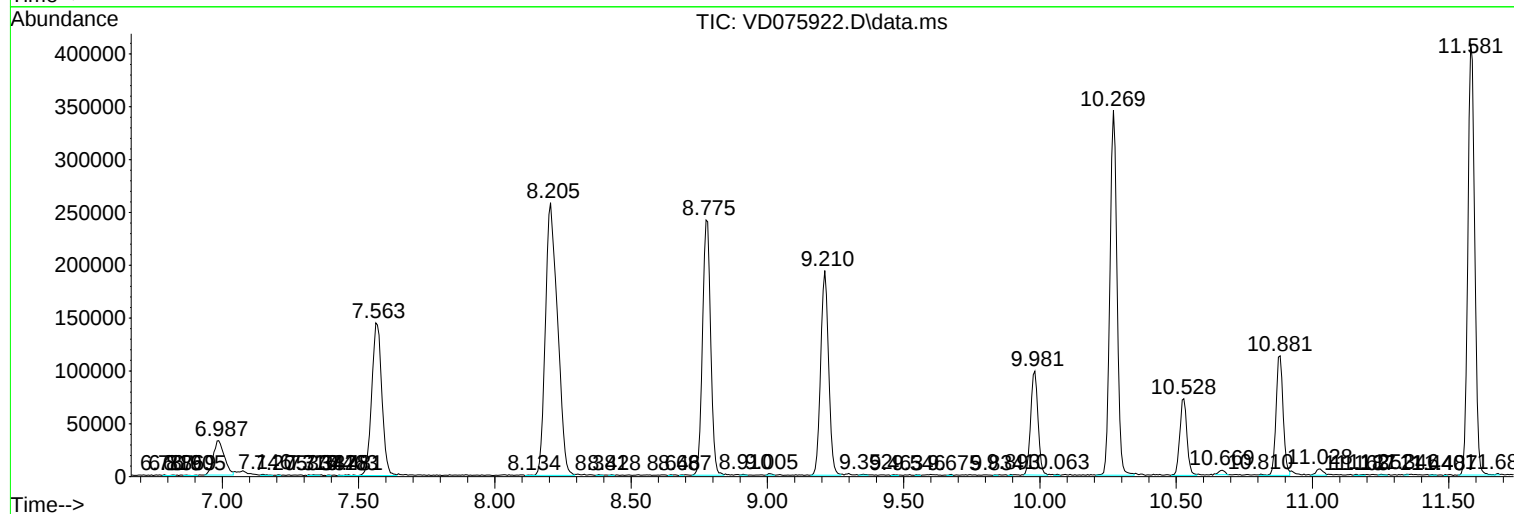
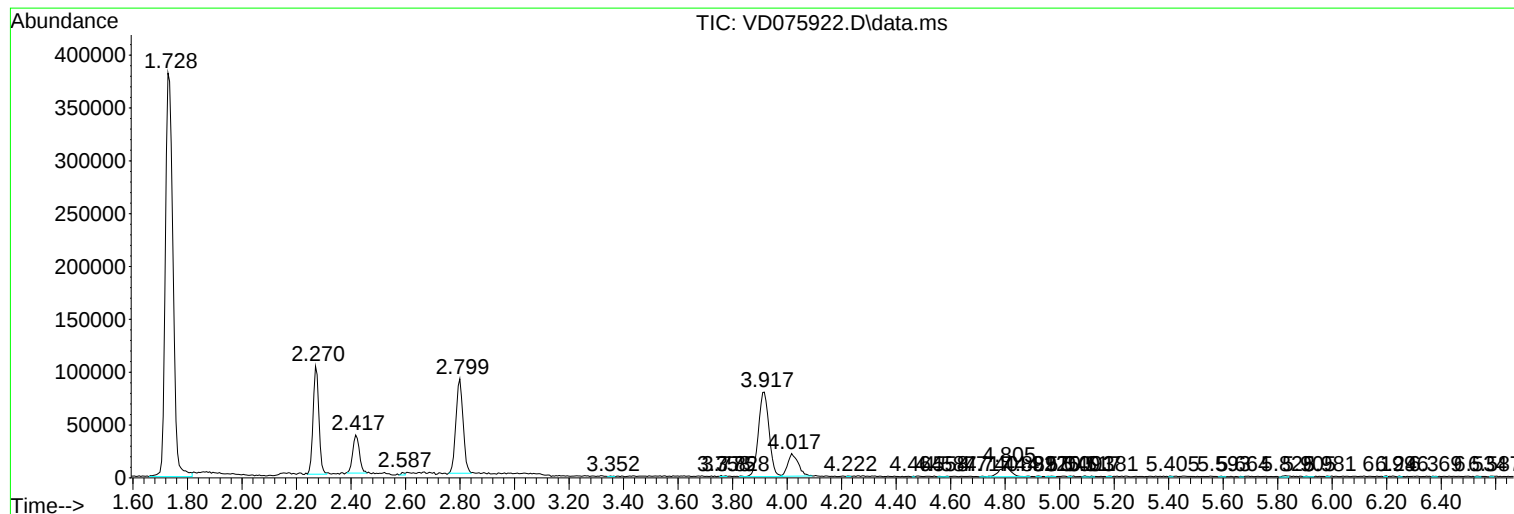
Sum of corrected areas: 7239066

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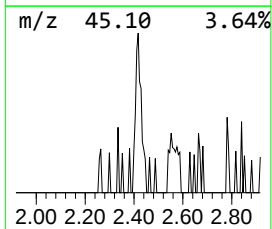
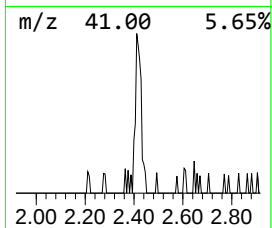
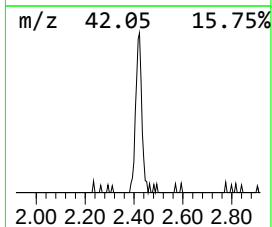
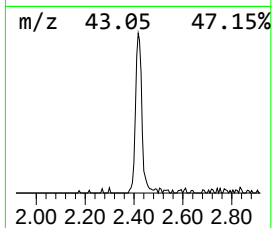
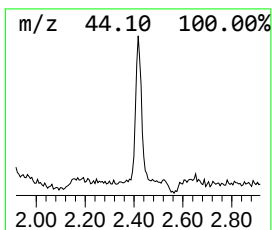
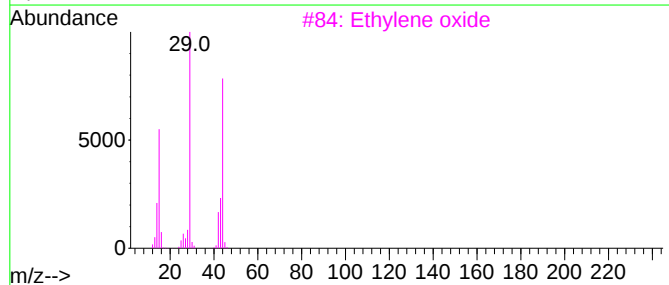
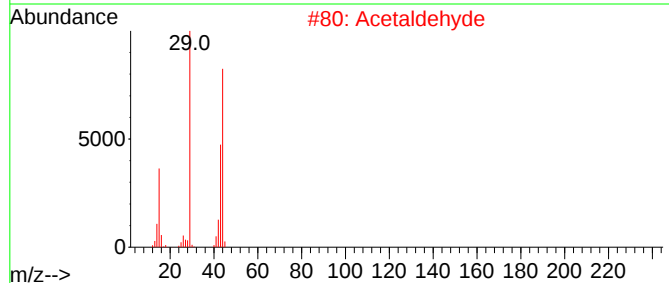
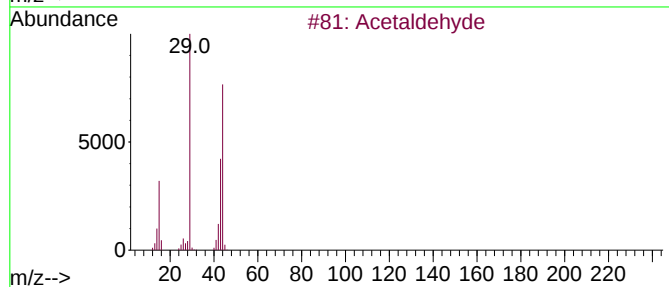
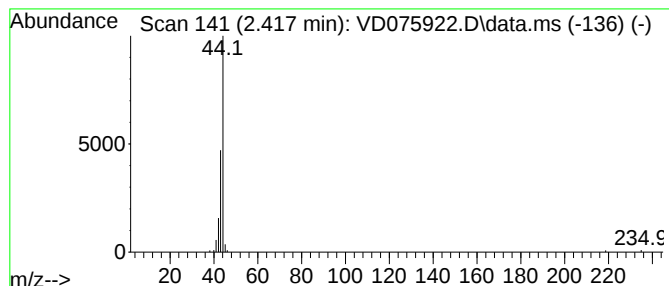
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Acetaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.417	2.97 ug/L	60013	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	9
4			Ethylene oxide	44	C2H4O	000075-21-8	7
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	3.0	ug/L	60013	1	8.775	504804	25.0