

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075873.D
 Acq On : 27 Apr 2023 21:04
 Operator : KP/SY
 Sample : 02525-12
 Misc : 5.49G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCK9

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: VD075873.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.734	13	25	34	rBV	623455	1218008	89.81%	9.896%
2	2.269	110	116	125	rBV	205856	292250	21.55%	2.374%
3	2.417	136	141	151	rVB	42146	69100	5.09%	0.561%
4	2.611	168	174	176	rBV2	4386	7864	0.58%	0.064%
5	2.793	198	205	214	rBV	159151	300581	22.16%	2.442%
6	3.475	318	321	323	rBV	778	1024	0.08%	0.008%
7	3.552	333	334	336	rBV	699	526	0.04%	0.004%
8	3.616	341	345	351	rVV3	1158	2105	0.16%	0.017%
9	3.722	361	363	365	rBV2	604	495	0.04%	0.004%
10	3.805	375	377	384	rVB2	512	692	0.05%	0.006%
11	3.911	384	395	406	rBV	157102	408981	30.15%	3.323%
12	4.028	408	415	427	rVB2	23928	65069	4.80%	0.529%
13	4.287	457	459	461	rVV2	1114	1284	0.09%	0.010%
14	4.311	461	463	465	rVB	1008	791	0.06%	0.006%
15	4.399	475	478	480	rBV2	622	606	0.04%	0.005%
16	4.487	491	493	494	rBV	628	586	0.04%	0.005%
17	4.534	500	501	507	rVB	944	1162	0.09%	0.009%
18	4.575	507	508	511	rVB	898	678	0.05%	0.006%
19	4.599	511	512	514	rBV	825	720	0.05%	0.006%
20	4.799	536	546	560	rVB3	20293	64985	4.79%	0.528%
21	4.887	560	561	564	rBV2	369	458	0.03%	0.004%
22	5.063	590	591	593	rBV2	640	441	0.03%	0.004%
23	5.269	624	626	627	rBV2	641	558	0.04%	0.005%
24	5.393	644	647	648	rBV2	502	526	0.04%	0.004%
25	5.493	662	664	667	rVB	588	552	0.04%	0.004%
26	5.581	677	679	681	rBV	483	508	0.04%	0.004%
27	5.634	684	688	689	rBV	378	412	0.03%	0.003%
28	5.828	716	721	724	rBV4	2394	3725	0.27%	0.030%
29	5.910	733	735	737	rBV2	584	608	0.04%	0.005%
30	5.940	739	740	742	rBV2	553	515	0.04%	0.004%
31	5.958	742	743	745	rBV	777	421	0.03%	0.003%
32	6.063	757	761	766	rVB2	664	1263	0.09%	0.010%
33	6.128	766	772	773	rBV	886	1072	0.08%	0.009%
34	6.146	773	775	777	rVV2	549	440	0.03%	0.004%
35	6.469	827	830	831	rBV2	609	552	0.04%	0.004%
36	6.640	857	859	862	rVB2	594	419	0.03%	0.003%

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

37	6.699	867	869	870	rBV2	770	666	0.05%	0.005%
38	6.840	891	893	895	rBV2	586	587	0.04%	0.005%
39	6.987	909	918	929	rBV	38353	108469	8.00%	0.881%
40	7.487	1001	1003	1006	rBV2	567	472	0.03%	0.004%
41	7.569	1006	1017	1030	rBV	235903	609160	44.91%	4.949%
42	7.716	1040	1042	1045	rBV	581	591	0.04%	0.005%
43	7.793	1053	1055	1058	rVV	552	497	0.04%	0.004%
44	7.846	1062	1064	1066	rVB	742	673	0.05%	0.005%
45	7.875	1066	1069	1071	rBV2	841	782	0.06%	0.006%
46	7.952	1079	1082	1083	rBV	769	462	0.03%	0.004%
47	7.987	1086	1088	1090	rBV	677	408	0.03%	0.003%
48	8.204	1114	1125	1144	rVV2	446161	1319820	97.31%	10.723%
49	8.493	1173	1174	1178	rBV2	715	776	0.06%	0.006%
50	8.775	1213	1222	1237	rBV	499615	1019308	75.15%	8.281%
51	8.957	1251	1253	1254	rBV2	917	604	0.04%	0.005%
52	9.022	1257	1264	1268	rVB6	2362	4576	0.34%	0.037%
53	9.210	1287	1296	1306	rBV	309063	637008	46.97%	5.175%
54	9.334	1315	1317	1319	rBV2	808	649	0.05%	0.005%
55	9.481	1340	1342	1346	rVB2	802	569	0.04%	0.005%
56	9.557	1352	1355	1357	rVB2	762	665	0.05%	0.005%
57	9.587	1357	1360	1364	rBV3	590	1000	0.07%	0.008%
58	9.693	1375	1378	1380	rBV2	497	472	0.03%	0.004%
59	9.722	1382	1383	1386	rVV2	799	587	0.04%	0.005%
60	9.769	1389	1391	1393	rVB2	612	413	0.03%	0.003%
61	9.840	1401	1403	1405	rBV	638	469	0.03%	0.004%
62	9.863	1405	1407	1410	rVB2	624	600	0.04%	0.005%
63	9.981	1416	1427	1436	rBV	159700	301122	22.20%	2.446%
64	10.187	1461	1462	1464	rBV	735	516	0.04%	0.004%
65	10.269	1468	1476	1496	rVV	616287	1116926	82.35%	9.074%
66	10.528	1513	1520	1527	rVB	113996	194171	14.32%	1.578%
67	10.610	1533	1534	1536	rBV	878	797	0.06%	0.006%
68	10.663	1538	1543	1551	rVB3	9334	16942	1.25%	0.138%
69	10.881	1573	1580	1593	rBV	147409	254544	18.77%	2.068%
70	11.028	1603	1605	1609	rVB4	1917	1874	0.14%	0.015%
71	11.251	1641	1643	1646	rBV2	639	663	0.05%	0.005%
72	11.281	1646	1648	1650	rBV	1179	1019	0.08%	0.008%
73	11.345	1657	1659	1660	rBV	666	471	0.03%	0.004%
74	11.581	1691	1699	1710	rBV	795636	1356280	100.00%	11.019%
75	12.051	1774	1779	1780	rBV2	1044	1277	0.09%	0.010%
76	12.063	1780	1781	1784	rBV2	1181	722	0.05%	0.006%

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 Title : SFAM01.0

77	12.181	1798	1801	1803	rVB3	699	644	0.05%	0.005%
78	12.522	1856	1859	1861	rBV3	646	818	0.06%	0.007%
79	12.575	1861	1868	1874	rVV4	13926	27103	2.00%	0.220%
80	12.651	1874	1881	1889	rVB	316413	519125	38.28%	4.218%
81	12.940	1929	1930	1933	rBV2	825	845	0.06%	0.007%
82	13.045	1946	1948	1952	rBV2	600	839	0.06%	0.007%
83	13.140	1960	1964	1965	rBV	1200	1572	0.12%	0.013%
84	13.198	1972	1974	1975	rVB	781	487	0.04%	0.004%
85	13.222	1975	1978	1979	rBV2	1760	1601	0.12%	0.013%
86	13.269	1983	1986	1989	rVV2	962	1549	0.11%	0.013%
87	13.316	1993	1994	1996	rBV2	760	666	0.05%	0.005%
88	13.434	2012	2014	2019	rVB3	3592	3391	0.25%	0.028%
89	13.522	2021	2029	2036	rBV	793356	1294151	95.42%	10.514%
90	13.722	2061	2063	2065	rBV	1471	1550	0.11%	0.013%
91	13.816	2072	2079	2087	rVB	609426	1001465	73.84%	8.136%
92	14.045	2114	2118	2124	rVB	10876	16402	1.21%	0.133%
93	14.228	2147	2149	2152	rBV	1205	1101	0.08%	0.009%
94	14.304	2159	2162	2167	rVB3	3063	4174	0.31%	0.034%
95	14.498	2191	2195	2200	rVB3	2165	3870	0.29%	0.031%
96	14.792	2243	2245	2248	rBV2	1673	1446	0.11%	0.012%
97	15.075	2292	2293	2294	rBV	1450	718	0.05%	0.006%
98	15.410	2346	2350	2354	rVB4	8270	12556	0.93%	0.102%
99	15.486	2359	2363	2365	rBV3	3031	4078	0.30%	0.033%
100	16.516	2536	2538	2539	rBV2	1794	901	0.07%	0.007%

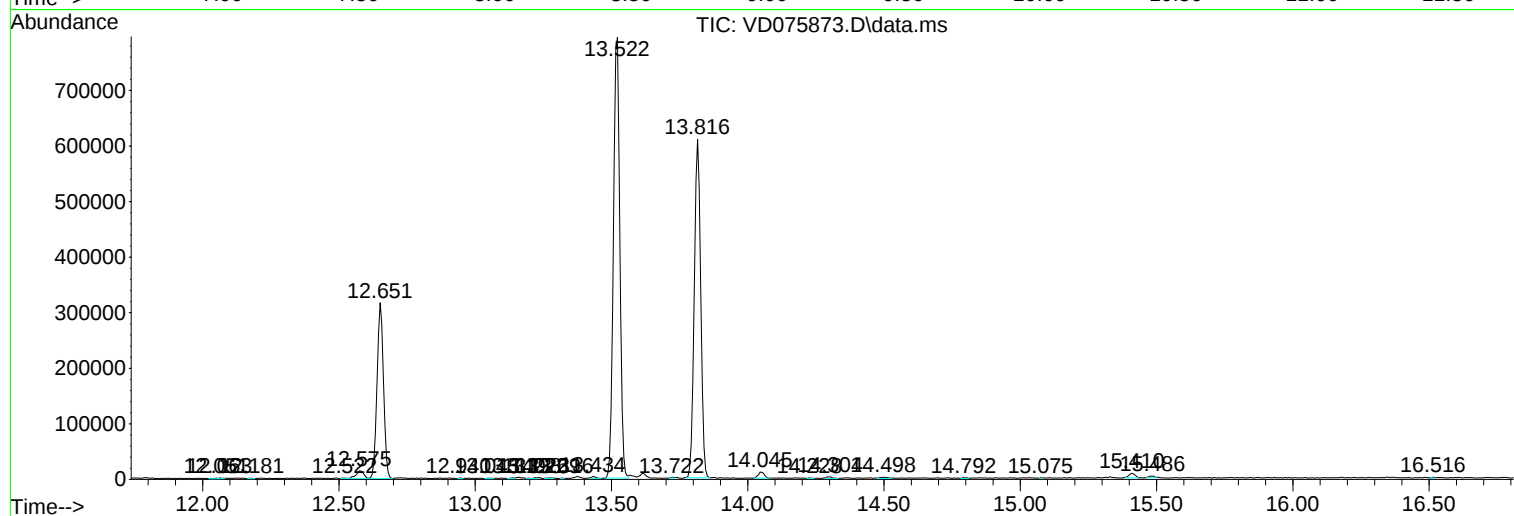
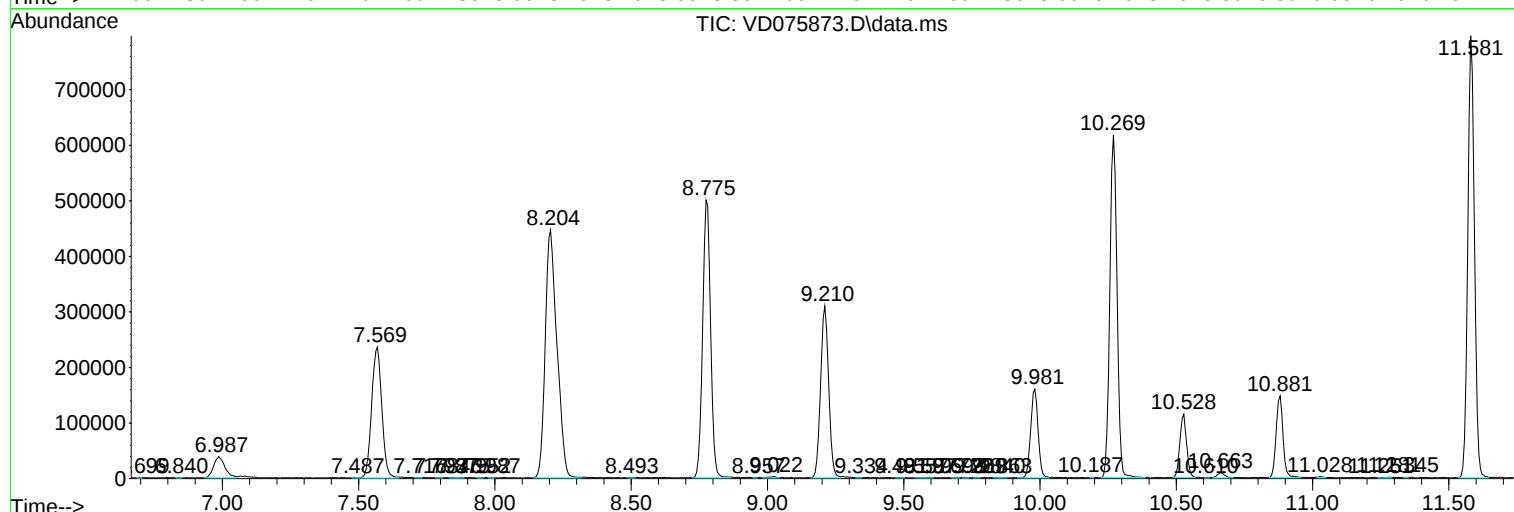
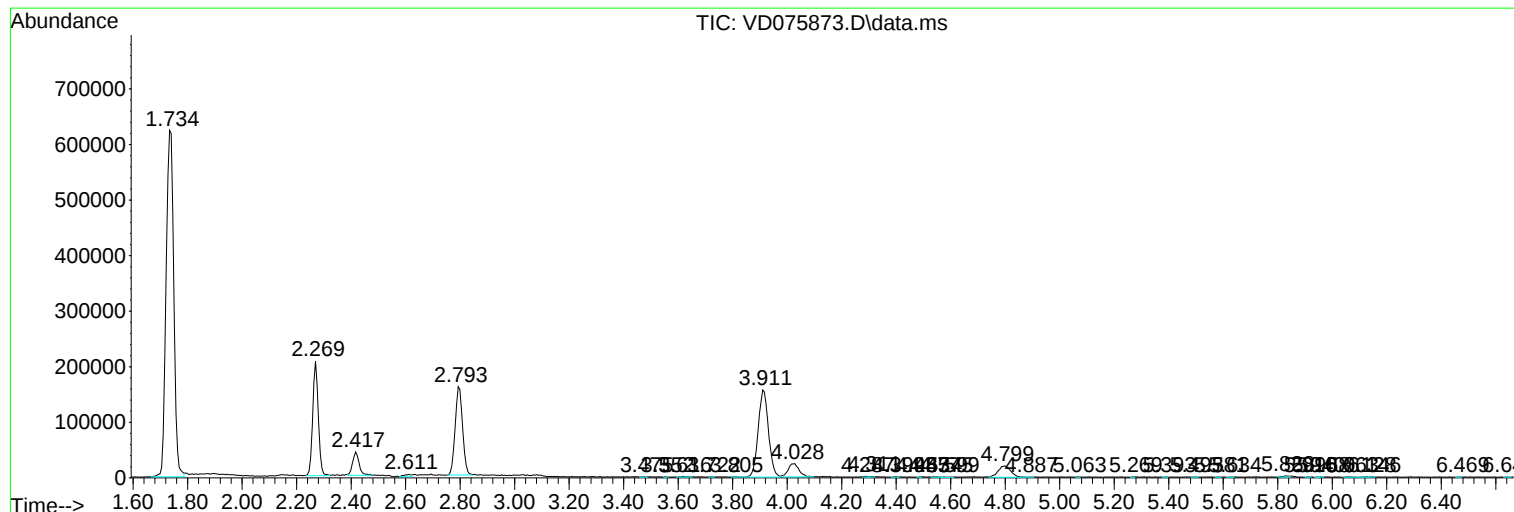
Sum of corrected areas: 12308636

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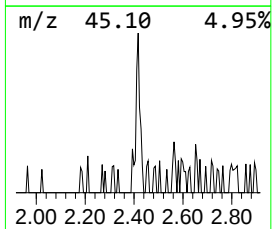
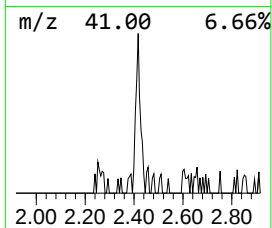
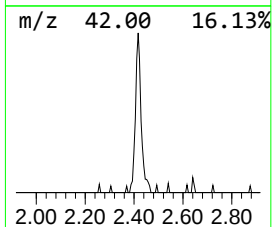
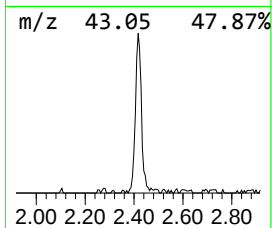
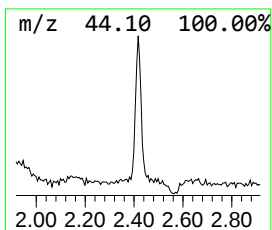
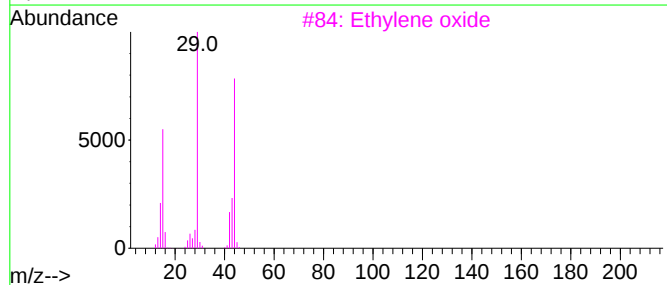
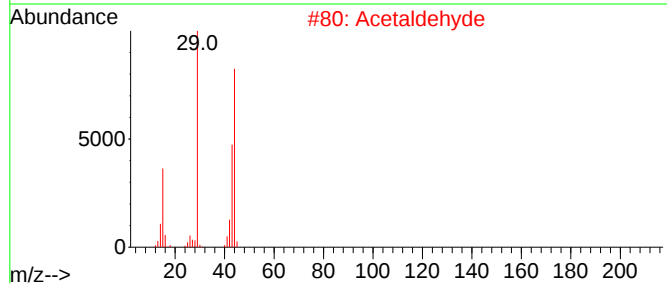
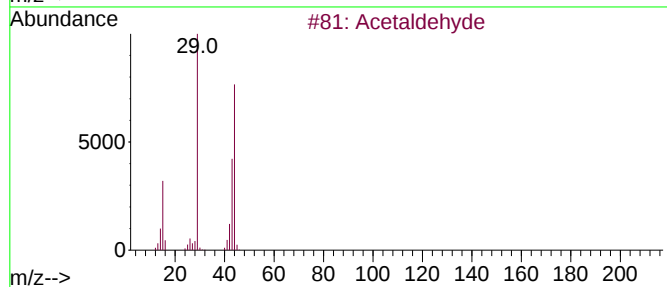
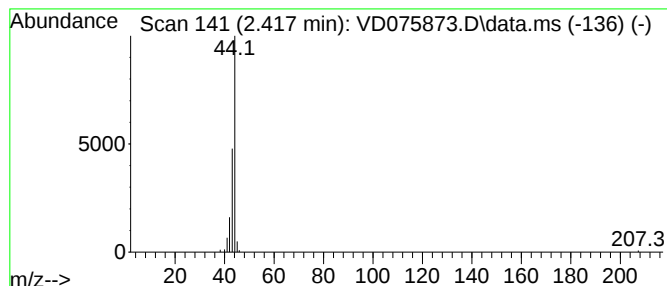
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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	1.69 ug/L	69100	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			Propane	44	C3H8	000074-98-6	4



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.417	1.7	ug/L	69100	1	8.775	1019310	25.0