

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075897.D
 Acq On : 28 Apr 2023 19:58
 Operator : KP/SY
 Sample : 02548-27
 Misc : 5.91G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCQ7

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: VD075897.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	14	26	37	rBV	971999	1811507	100.00%	13.228%
2	2.146	93	95	96	rBV	2904	2010	0.11%	0.015%
3	2.275	111	117	126	rBV	203152	299686	16.54%	2.188%
4	2.422	137	142	149	rVB	39282	65796	3.63%	0.480%
5	2.570	165	167	168	rBV2	1418	1244	0.07%	0.009%
6	2.605	168	173	174	rVV3	3078	4590	0.25%	0.034%
7	2.799	200	206	215	rVB	170918	318428	17.58%	2.325%
8	3.440	312	315	316	rBV2	747	707	0.04%	0.005%
9	3.534	329	331	335	rVB2	724	860	0.05%	0.006%
10	3.622	344	346	348	rBV2	1431	1642	0.09%	0.012%
11	3.822	379	380	384	rBV2	928	701	0.04%	0.005%
12	3.917	384	396	408	rBV2	168936	447341	24.69%	3.266%
13	4.022	408	414	422	rVB	13544	33753	1.86%	0.246%
14	4.264	454	455	457	rVV	1079	745	0.04%	0.005%
15	4.299	457	461	464	rVV2	920	1486	0.08%	0.011%
16	4.328	464	466	469	rVV	710	658	0.04%	0.005%
17	4.434	482	484	489	rBV	708	1256	0.07%	0.009%
18	4.505	493	496	502	rVB2	1315	2027	0.11%	0.015%
19	4.628	516	517	522	rVB2	584	624	0.03%	0.005%
20	4.805	534	547	557	rBV2	24337	77512	4.28%	0.566%
21	4.975	573	576	577	rBV2	528	569	0.03%	0.004%
22	5.322	632	635	637	rVB2	724	644	0.04%	0.005%
23	5.446	654	656	659	rBV2	555	632	0.03%	0.005%
24	5.487	659	663	666	rBV	599	708	0.04%	0.005%
25	5.669	688	694	700	rBV4	2230	4718	0.26%	0.034%
26	5.828	717	721	722	rBV3	1422	2040	0.11%	0.015%
27	5.840	722	723	728	rVB3	2418	2395	0.13%	0.017%
28	6.046	754	758	760	rVV2	481	652	0.04%	0.005%
29	6.163	774	778	779	rVV2	746	664	0.04%	0.005%
30	6.434	820	824	826	rVB2	584	661	0.04%	0.005%
31	6.799	879	886	888	rBV2	2902	5259	0.29%	0.038%
32	6.875	896	899	900	rBV2	1227	1045	0.06%	0.008%
33	6.987	910	918	927	rBV2	36411	103942	5.74%	0.759%
34	7.328	973	976	978	rBV2	557	581	0.03%	0.004%
35	7.446	994	996	998	rBV	526	605	0.03%	0.004%
36	7.569	1006	1017	1028	rBV2	260705	664637	36.69%	4.853%

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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL042023SMA.M
 Title : SFAM01.0

37	7.734	1044	1045	1048	rBV2	934	900	0.05%	0.007%
38	7.857	1062	1066	1067	rBV2	569	671	0.04%	0.005%
39	7.875	1067	1069	1073	rVV	816	789	0.04%	0.006%
40	8.010	1090	1092	1094	rBV	855	800	0.04%	0.006%
41	8.205	1114	1125	1142	rBV2	476436	1423968	78.61%	10.398%
42	8.487	1172	1173	1178	rVB2	2374	1914	0.11%	0.014%
43	8.610	1192	1194	1197	rBV4	868	1121	0.06%	0.008%
44	8.634	1197	1198	1199	rBV4	1248	795	0.04%	0.006%
45	8.775	1214	1222	1236	rBV	538787	1081965	59.73%	7.900%
46	8.869	1236	1238	1243	rVV2	2392	2344	0.13%	0.017%
47	8.922	1246	1247	1250	rBV3	939	890	0.05%	0.006%
48	8.975	1254	1256	1257	rBV	1011	680	0.04%	0.005%
49	9.134	1282	1283	1286	rVB	850	673	0.04%	0.005%
50	9.210	1286	1296	1308	rBV	340470	704520	38.89%	5.144%
51	9.352	1315	1320	1326	rVB3	2102	3646	0.20%	0.027%
52	9.534	1349	1351	1353	rVV2	694	619	0.03%	0.005%
53	9.575	1353	1358	1361	rVV2	567	1084	0.06%	0.008%
54	9.604	1361	1363	1365	rVV2	723	761	0.04%	0.006%
55	9.699	1374	1379	1386	rVB5	5767	11119	0.61%	0.081%
56	9.763	1388	1390	1393	rBV2	749	854	0.05%	0.006%
57	9.981	1419	1427	1437	rVV	175486	325502	17.97%	2.377%
58	10.081	1440	1444	1445	rVV	1113	909	0.05%	0.007%
59	10.204	1463	1465	1468	rVB2	778	735	0.04%	0.005%
60	10.269	1468	1476	1493	rBV	692454	1233201	68.08%	9.005%
61	10.440	1504	1505	1508	rBV2	864	883	0.05%	0.006%
62	10.528	1513	1520	1530	rVV	117591	208172	11.49%	1.520%
63	10.669	1538	1544	1552	rBV2	10695	18666	1.03%	0.136%
64	10.810	1563	1568	1573	rBV4	8164	12905	0.71%	0.094%
65	10.881	1573	1580	1591	rBV	143459	250782	13.84%	1.831%
66	11.028	1600	1605	1614	rVB4	11937	20845	1.15%	0.152%
67	11.257	1641	1644	1647	rVB2	1109	1125	0.06%	0.008%
68	11.357	1657	1661	1664	rVB2	1495	1802	0.10%	0.013%
69	11.393	1664	1667	1668	rVB2	797	706	0.04%	0.005%
70	11.475	1677	1681	1682	rVB2	601	617	0.03%	0.005%
71	11.581	1691	1699	1713	rVB	846366	1421876	78.49%	10.382%
72	11.687	1715	1717	1721	rVB3	1259	1320	0.07%	0.010%
73	11.746	1725	1727	1729	rVV2	1344	763	0.04%	0.006%
74	11.793	1731	1735	1740	rVB4	3994	6397	0.35%	0.047%
75	12.046	1772	1778	1780	rBV3	1391	2007	0.11%	0.015%
76	12.116	1785	1790	1792	rBV4	1490	1956	0.11%	0.014%

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 Title : SFAM01.0

77	12.293	1817	1820	1825	rVB	1398	1854	0.10%	0.014%
78	12.416	1840	1841	1844	rVB2	1062	705	0.04%	0.005%
79	12.498	1853	1855	1858	rBV2	571	736	0.04%	0.005%
80	12.581	1863	1869	1874	rVB2	17149	27118	1.50%	0.198%
81	12.651	1874	1881	1890	rBV	324031	532782	29.41%	3.890%
82	12.757	1895	1899	1903	rVV3	702	1370	0.08%	0.010%
83	13.151	1964	1966	1967	rBV2	874	789	0.04%	0.006%
84	13.204	1973	1975	1976	rBV	1031	630	0.03%	0.005%
85	13.434	2010	2014	2019	rBV2	2857	2944	0.16%	0.021%
86	13.522	2021	2029	2037	rVV	818179	1348644	74.45%	9.848%
87	13.616	2041	2045	2054	rVB4	14352	25425	1.40%	0.186%
88	13.728	2062	2064	2069	rBV2	886	1445	0.08%	0.011%
89	13.816	2069	2079	2090	rVB	657203	1093211	60.35%	7.983%
90	13.945	2099	2101	2102	rVB	1440	774	0.04%	0.006%
91	13.963	2102	2104	2106	rBV2	508	567	0.03%	0.004%
92	14.045	2113	2118	2124	rBV3	9075	17251	0.95%	0.126%
93	14.292	2156	2160	2166	rBV4	3161	5078	0.28%	0.037%
94	14.492	2191	2194	2198	rBV4	1765	2320	0.13%	0.017%
95	15.187	2311	2312	2316	rBV	1176	976	0.05%	0.007%
96	15.387	2344	2346	2347	rBV2	1593	1251	0.07%	0.009%
97	15.416	2347	2351	2355	rVV5	3881	5993	0.33%	0.044%
98	15.481	2357	2362	2366	rVB4	4806	7407	0.41%	0.054%
99	15.669	2393	2394	2396	rBV	993	607	0.03%	0.004%
100	15.775	2410	2412	2415	rBV2	1278	1485	0.08%	0.011%

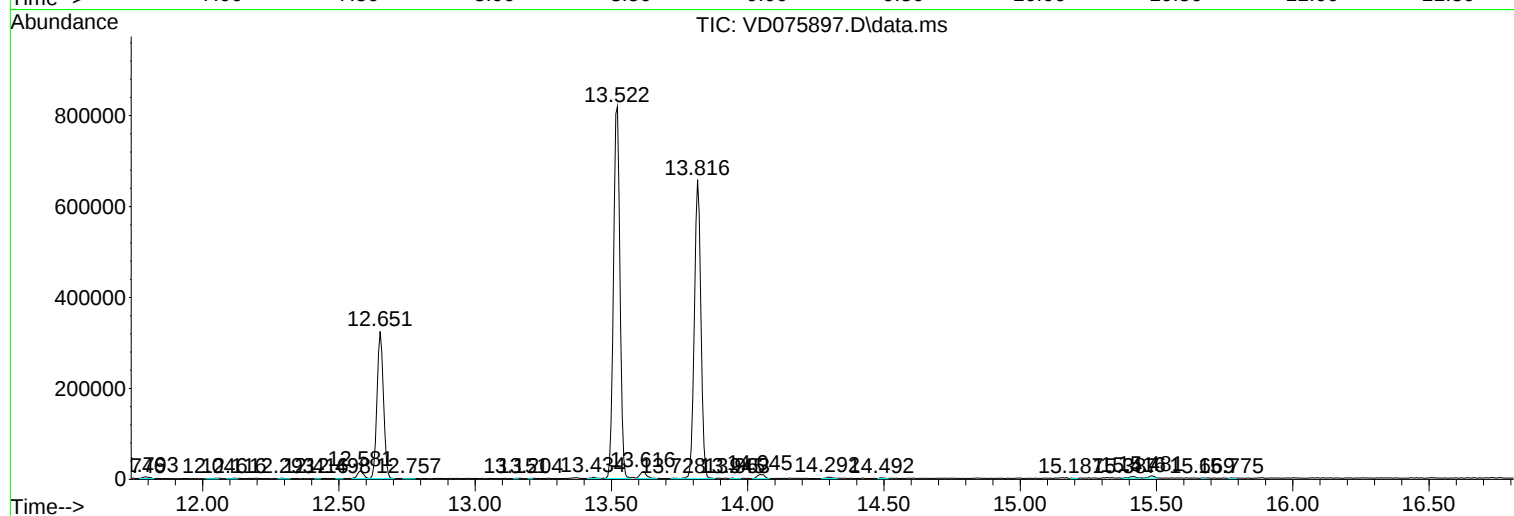
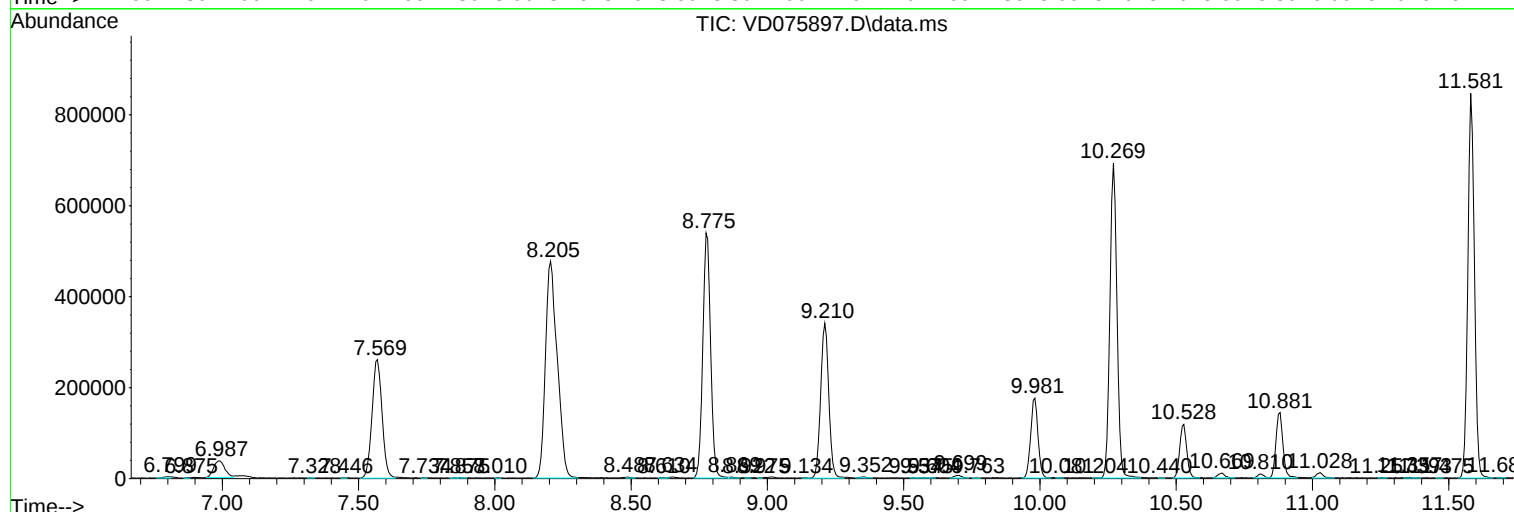
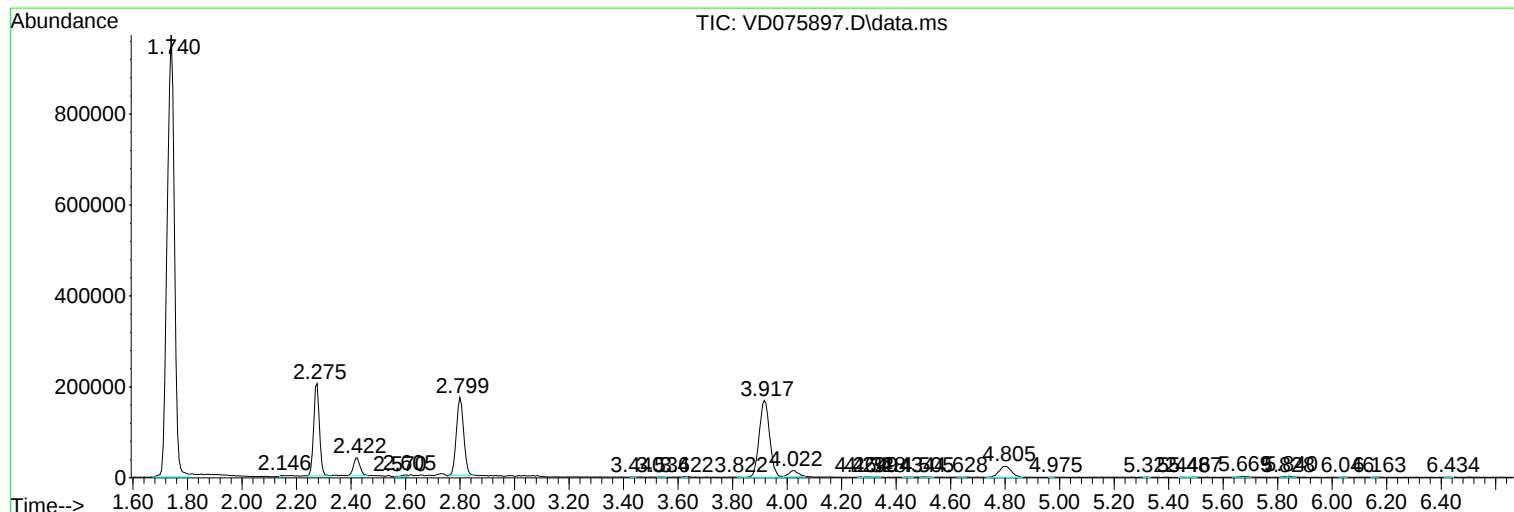
Sum of corrected areas: 13694969

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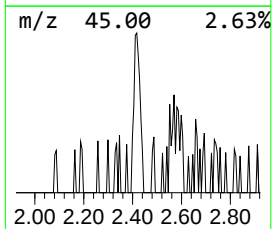
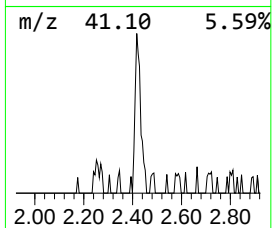
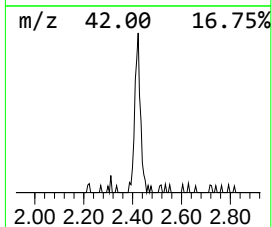
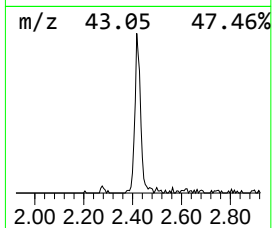
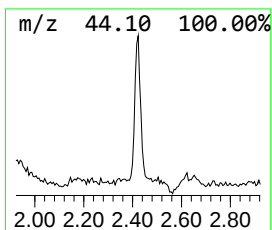
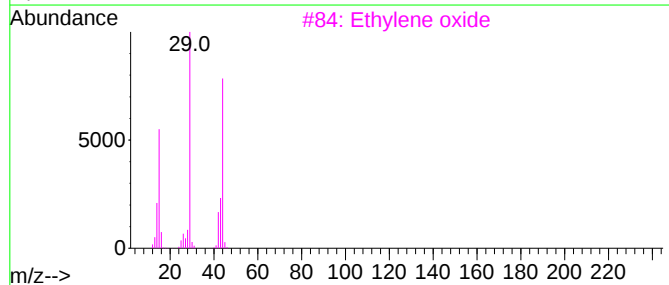
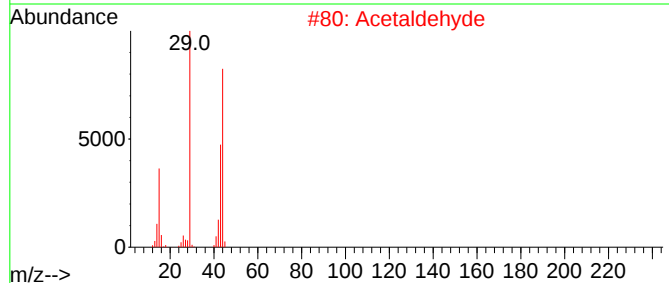
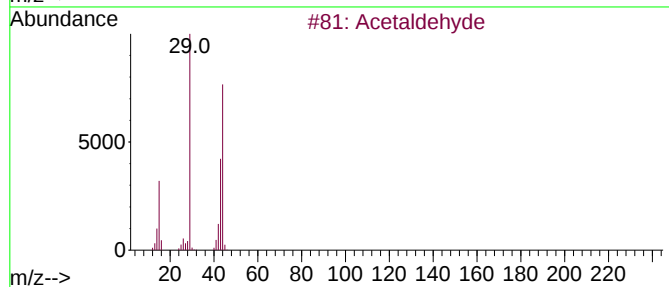
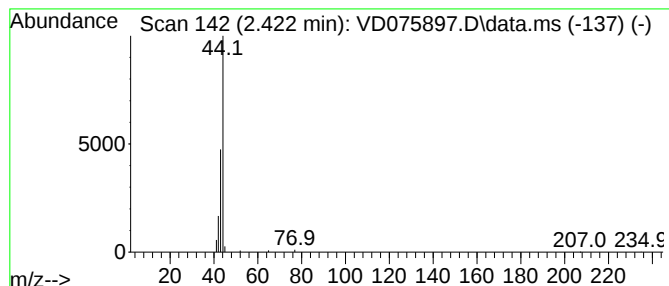
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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.
2.422	1.52 ug/L	65796	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	2.422	1.5	ug/L	65796	1	8.775	1081970	25.0