

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075885.D
 Acq On : 28 Apr 2023 13:54
 Operator : KP/SY
 Sample : 02525-07
 Misc : 5.59G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCK4

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: VD075885.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	198943	383850	24.93%	2.545%
2	2.152	92	96	97	rBV2	2423	2713	0.18%	0.018%
3	2.269	111	116	124	rBV	220646	327650	21.28%	2.172%
4	2.416	135	141	151	rBV	265817	453615	29.46%	3.007%
5	2.799	199	206	214	rVB	186429	337878	21.94%	2.240%
6	3.363	299	302	304	rBV2	973	1111	0.07%	0.007%
7	3.446	311	316	317	rBV2	2338	2935	0.19%	0.019%
8	3.628	340	347	355	rBV4	4837	13677	0.89%	0.091%
9	3.752	367	368	371	rVB	930	706	0.05%	0.005%
10	3.793	371	375	376	rBV2	1376	1677	0.11%	0.011%
11	3.916	386	396	404	rBV	183873	487180	31.64%	3.230%
12	4.016	404	413	434	rVB	545735	1477233	95.92%	9.793%
13	4.363	470	472	476	rVB2	924	937	0.06%	0.006%
14	4.487	491	493	494	rBV	1185	583	0.04%	0.004%
15	4.640	516	519	521	rVB2	701	813	0.05%	0.005%
16	4.657	521	522	524	rBV	916	591	0.04%	0.004%
17	4.799	536	546	554	rBV4	13434	42357	2.75%	0.281%
18	5.046	586	588	591	rBV	677	877	0.06%	0.006%
19	5.263	623	625	627	rVB	1106	730	0.05%	0.005%
20	5.351	637	640	641	rVB	705	602	0.04%	0.004%
21	5.381	641	645	647	rBV	964	1412	0.09%	0.009%
22	5.410	649	650	653	rBV	536	593	0.04%	0.004%
23	5.510	663	667	670	rVB2	904	1031	0.07%	0.007%
24	5.646	687	690	691	rBV	1658	1760	0.11%	0.012%
25	5.669	691	694	695	rBV2	4163	3988	0.26%	0.026%
26	5.775	711	712	714	rBV	769	602	0.04%	0.004%
27	5.816	716	719	720	rVV2	1286	1157	0.08%	0.008%
28	5.863	723	727	731	rVB	1260	1818	0.12%	0.012%
29	5.904	731	734	738	rBV	633	807	0.05%	0.005%
30	5.987	746	748	749	rBV2	963	708	0.05%	0.005%
31	6.675	862	865	866	rBV	495	549	0.04%	0.004%
32	6.734	872	875	877	rBV2	805	656	0.04%	0.004%
33	6.769	877	881	883	rVV2	818	967	0.06%	0.006%
34	6.804	883	887	891	rVB4	1092	1990	0.13%	0.013%
35	6.893	899	902	904	rBV2	851	738	0.05%	0.005%
36	6.987	908	918	927	rVV	38143	114228	7.42%	0.757%

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

37	7.081	927	934	948	rVB	64989	176674	11.47%	1.171%
38	7.487	1001	1003	1006	rVB	534	593	0.04%	0.004%
39	7.569	1006	1017	1029	rBV	281334	718705	46.67%	4.765%
40	7.828	1058	1061	1062	rBV	986	985	0.06%	0.007%
41	7.881	1067	1070	1073	rVV	1002	1230	0.08%	0.008%
42	8.057	1097	1100	1102	rBV2	525	606	0.04%	0.004%
43	8.198	1115	1124	1142	rBV2	508910	1539988	100.00%	10.209%
44	8.410	1158	1160	1161	rBV2	1160	608	0.04%	0.004%
45	8.481	1166	1172	1182	rVB4	16681	34850	2.26%	0.231%
46	8.557	1182	1185	1186	rBV	1143	691	0.04%	0.005%
47	8.651	1193	1201	1210	rVB3	11870	26024	1.69%	0.173%
48	8.775	1213	1222	1233	rBV	599824	1208746	78.49%	8.013%
49	9.010	1257	1262	1269	rVB3	10571	21769	1.41%	0.144%
50	9.210	1287	1296	1307	rVV	357270	750146	48.71%	4.973%
51	9.445	1332	1336	1337	rBV2	754	1083	0.07%	0.007%
52	9.757	1388	1389	1391	rBV	903	598	0.04%	0.004%
53	9.816	1396	1399	1401	rBV	1144	792	0.05%	0.005%
54	9.892	1411	1412	1416	rBV3	875	1197	0.08%	0.008%
55	9.981	1419	1427	1437	rBV	188441	344930	22.40%	2.287%
56	10.069	1439	1442	1448	rVB4	5495	9777	0.63%	0.065%
57	10.157	1450	1457	1462	rBV6	5249	9457	0.61%	0.063%
58	10.269	1465	1476	1484	rBV	764217	1340271	87.03%	8.885%
59	10.522	1513	1519	1529	rVV	120033	220166	14.30%	1.460%
60	10.663	1539	1543	1548	rVB	4951	8596	0.56%	0.057%
61	10.763	1558	1560	1562	rBV	617	595	0.04%	0.004%
62	10.810	1562	1568	1573	rBV2	18734	29535	1.92%	0.196%
63	10.875	1573	1579	1591	rBV	150861	267631	17.38%	1.774%
64	10.992	1597	1599	1601	rBV2	596	548	0.04%	0.004%
65	11.022	1601	1604	1607	rBV4	2217	3628	0.24%	0.024%
66	11.286	1648	1649	1652	rBV2	760	710	0.05%	0.005%
67	11.363	1658	1662	1666	rVV3	1226	2100	0.14%	0.014%
68	11.581	1691	1699	1713	rBV	898753	1527452	99.19%	10.126%
69	11.775	1731	1732	1733	rBV	1555	1077	0.07%	0.007%
70	12.116	1788	1790	1791	rBV2	1218	701	0.05%	0.005%
71	12.198	1802	1804	1808	rVB2	2215	1844	0.12%	0.012%
72	12.304	1819	1822	1825	rBV2	664	777	0.05%	0.005%
73	12.422	1840	1842	1845	rVV3	981	1057	0.07%	0.007%
74	12.451	1845	1847	1850	rVB2	851	833	0.05%	0.006%
75	12.580	1861	1869	1873	rBV4	9234	16247	1.06%	0.108%
76	12.651	1874	1881	1889	rVB	324854	540520	35.10%	3.583%

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 Title : SFAM01.0

77	12.845	1912	1914	1917	rVB2	795	773	0.05%	0.005%
78	12.892	1920	1922	1925	rBV	938	1013	0.07%	0.007%
79	13.016	1941	1943	1945	rBV	845	839	0.05%	0.006%
80	13.080	1952	1954	1955	rVB2	1255	744	0.05%	0.005%
81	13.098	1955	1957	1958	rBV2	801	568	0.04%	0.004%
82	13.157	1964	1967	1973	rBV2	1602	2706	0.18%	0.018%
83	13.233	1973	1980	1988	rBV3	14270	28161	1.83%	0.187%
84	13.327	1994	1996	1997	rBV	1009	671	0.04%	0.004%
85	13.433	2011	2014	2018	rBV4	3662	4164	0.27%	0.028%
86	13.522	2021	2029	2036	rBV	851393	1405086	91.24%	9.315%
87	13.733	2064	2065	2069	rBV2	906	1046	0.07%	0.007%
88	13.816	2072	2079	2088	rVB	677904	1102185	71.57%	7.307%
89	14.051	2114	2119	2126	rVB2	11524	19381	1.26%	0.128%
90	14.192	2139	2143	2145	rBV3	2499	3075	0.20%	0.020%
91	14.433	2183	2184	2187	rBV	954	836	0.05%	0.006%
92	14.939	2269	2270	2273	rBV2	998	1074	0.07%	0.007%
93	15.416	2345	2351	2354	rBV4	5865	8377	0.54%	0.056%
94	15.480	2358	2362	2367	rBV2	8847	12207	0.79%	0.081%
95	15.557	2373	2375	2378	rVB3	1874	1567	0.10%	0.010%
96	15.674	2391	2395	2397	rBV3	1467	1886	0.12%	0.013%
97	15.886	2429	2431	2432	rBV2	1604	744	0.05%	0.005%
98	15.939	2438	2440	2442	rBV3	1631	1211	0.08%	0.008%
99	16.074	2461	2463	2464	rVB	1807	726	0.05%	0.005%
100	16.539	2541	2542	2544	rVB2	1486	996	0.06%	0.007%

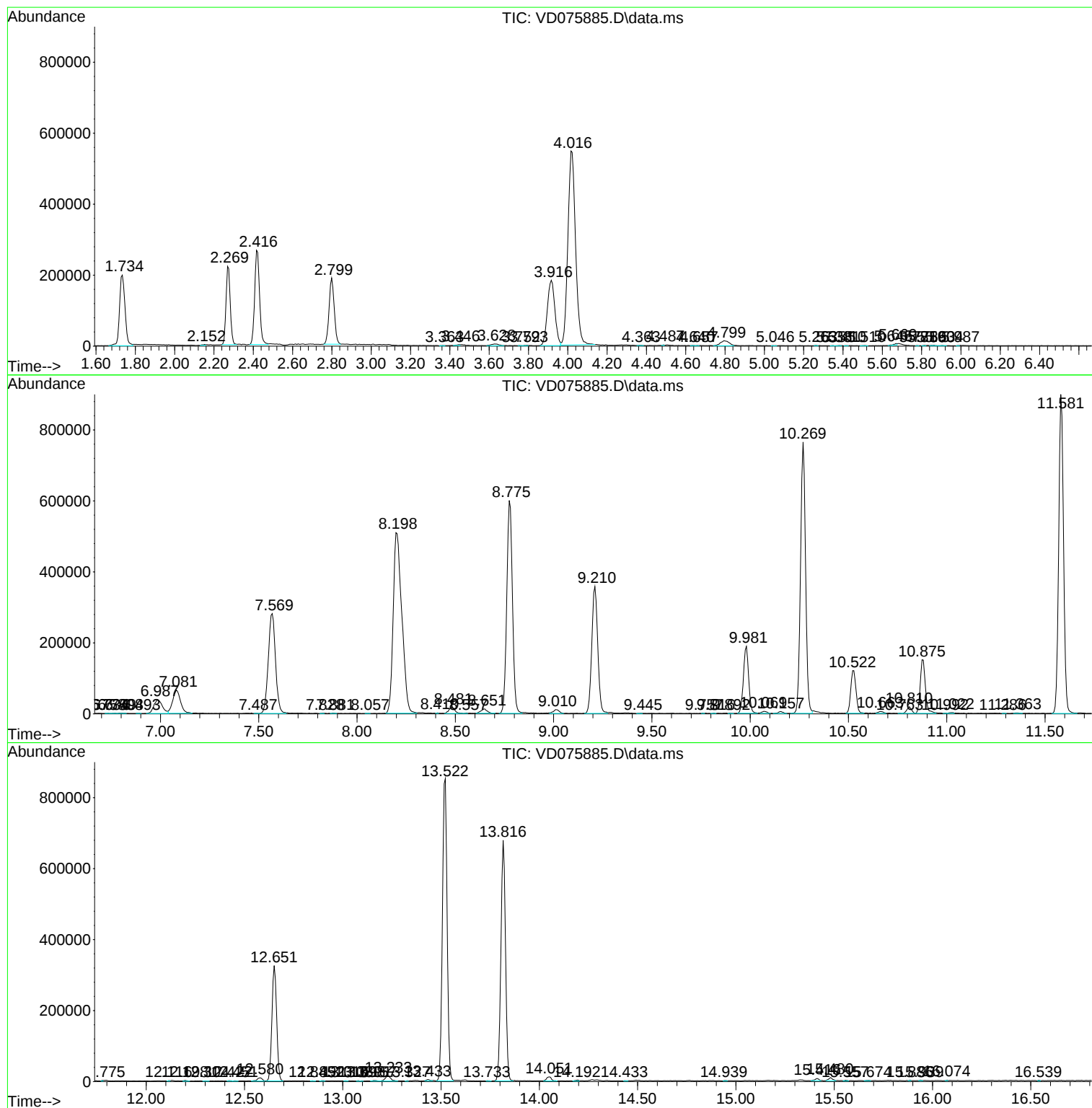
Sum of corrected areas: 15084492

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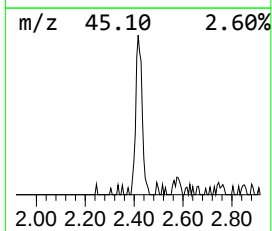
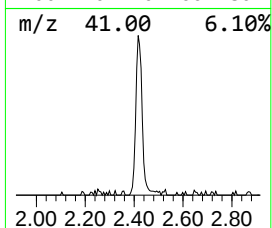
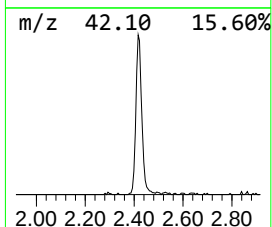
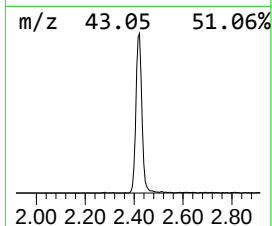
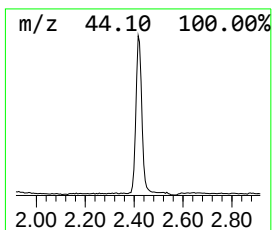
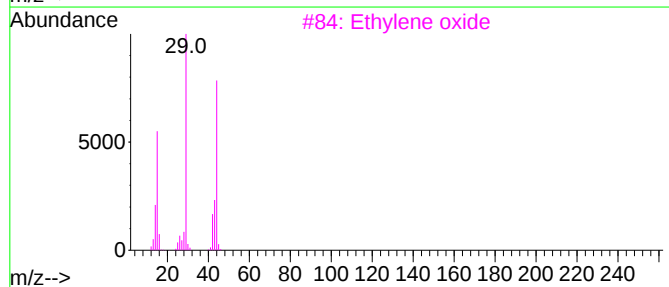
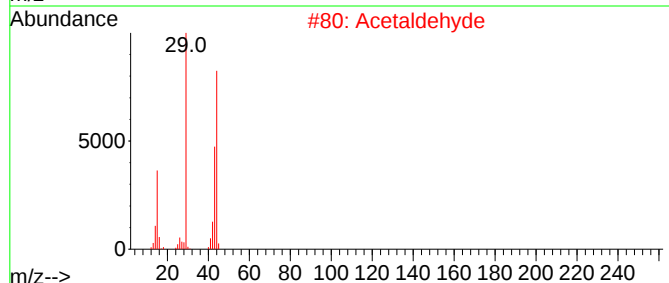
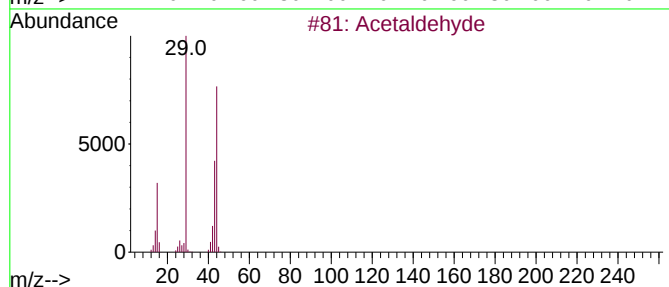
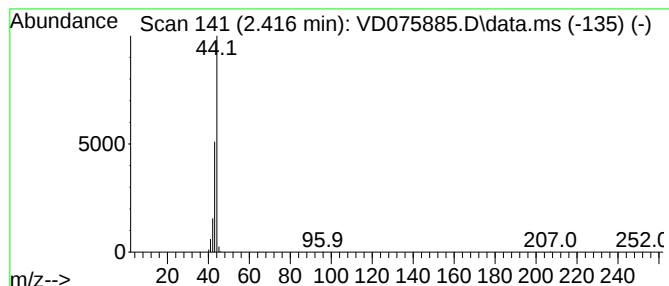
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.416	9.38 ug/L	453615	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	64
2			Acetaldehyde	44	C2H4O	000075-07-0	64
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	2.416	9.4	ug/L	453615	1	8.775	1208750	25.0