

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075990.D
 Acq On : 03 May 2023 19:26
 Operator : KP/SY
 Sample : 02593-04
 Misc : 5.84G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCJ0

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: VD075990.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.664	11	13	14	rBV	682	581	0.04%	0.005%
2	1.734	18	25	39	rVV	724649	1411461	100.00%	12.656%
3	2.269	110	116	124	rBV	164887	236072	16.73%	2.117%
4	2.417	136	141	151	rVB	76391	129975	9.21%	1.165%
5	2.587	167	170	171	rBV	3278	2371	0.17%	0.021%
6	2.799	199	206	215	rBV	139115	256160	18.15%	2.297%
7	3.199	272	274	277	rVV2	814	733	0.05%	0.007%
8	3.575	336	338	340	rVV2	746	869	0.06%	0.008%
9	3.628	342	347	354	rVV4	4606	10524	0.75%	0.094%
10	3.911	386	395	406	rBV	136389	345749	24.50%	3.100%
11	4.022	406	414	426	rVB2	30076	81687	5.79%	0.732%
12	4.352	468	470	474	rBV2	595	620	0.04%	0.006%
13	4.399	476	478	484	rVV2	619	639	0.05%	0.006%
14	4.452	484	487	489	rVV	607	768	0.05%	0.007%
15	4.499	492	495	496	rBV2	819	905	0.06%	0.008%
16	4.716	527	532	533	rBV2	466	571	0.04%	0.005%
17	4.793	535	545	559	rVB3	16792	52402	3.71%	0.470%
18	4.952	568	572	574	rBV2	403	570	0.04%	0.005%
19	5.011	581	582	584	rBV2	599	560	0.04%	0.005%
20	5.058	588	590	592	rVV	918	736	0.05%	0.007%
21	5.169	606	609	611	rBV2	770	871	0.06%	0.008%
22	5.328	634	636	639	rBV2	530	602	0.04%	0.005%
23	5.405	648	649	654	rVB2	580	703	0.05%	0.006%
24	5.452	655	657	659	rVB	749	570	0.04%	0.005%
25	5.593	680	681	686	rVB2	634	588	0.04%	0.005%
26	5.834	719	722	723	rBV2	1826	1767	0.13%	0.016%
27	5.999	749	750	754	rBV2	748	813	0.06%	0.007%
28	6.258	793	794	798	rBV	854	1194	0.08%	0.011%
29	6.299	798	801	803	rVV2	668	769	0.05%	0.007%
30	6.328	803	806	809	rVV2	936	801	0.06%	0.007%
31	6.369	809	813	814	rBV2	622	645	0.05%	0.006%
32	6.499	830	835	842	rBV4	1942	4165	0.30%	0.037%
33	6.663	859	863	864	rBV2	780	841	0.06%	0.008%
34	6.769	880	881	883	rBV	885	631	0.04%	0.006%
35	6.987	911	918	930	rVB2	26506	72687	5.15%	0.652%
36	7.569	1005	1017	1027	rBV	231142	578996	41.02%	5.192%

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

37	7.757	1048	1049	1052	rBV	700	561	0.04%	0.005%
38	7.857	1065	1066	1069	rVB2	906	611	0.04%	0.005%
39	7.910	1073	1075	1077	rVB	943	557	0.04%	0.005%
40	7.987	1086	1088	1091	rVB	744	552	0.04%	0.005%
41	8.140	1112	1114	1115	rBV	738	666	0.05%	0.006%
42	8.199	1115	1124	1143	rVV2	393789	1168422	82.78%	10.477%
43	8.422	1156	1162	1163	rBV3	794	1007	0.07%	0.009%
44	8.475	1169	1171	1174	rBV3	691	738	0.05%	0.007%
45	8.546	1180	1183	1186	rBV	704	977	0.07%	0.009%
46	8.610	1190	1194	1195	rBV	677	730	0.05%	0.007%
47	8.640	1198	1199	1203	rBV3	1234	1154	0.08%	0.010%
48	8.775	1212	1222	1233	rBV	498496	1006545	71.31%	9.025%
49	8.969	1251	1255	1257	rBV2	1174	1648	0.12%	0.015%
50	9.010	1258	1262	1265	rVV3	1915	2863	0.20%	0.026%
51	9.081	1272	1274	1277	rVB2	788	765	0.05%	0.007%
52	9.151	1280	1286	1287	rBB2	637	854	0.06%	0.008%
53	9.210	1287	1296	1305	rBV	284775	598416	42.40%	5.366%
54	9.346	1317	1319	1321	rBV2	601	597	0.04%	0.005%
55	9.469	1338	1340	1343	rBV2	744	756	0.05%	0.007%
56	9.504	1343	1346	1347	rVB2	872	723	0.05%	0.006%
57	9.581	1357	1359	1360	rBV2	707	594	0.04%	0.005%
58	9.716	1380	1382	1384	rBV2	832	766	0.05%	0.007%
59	9.775	1390	1392	1393	rBV	671	571	0.04%	0.005%
60	9.981	1419	1427	1438	rBV	134702	257962	18.28%	2.313%
61	10.081	1442	1444	1447	rVB	796	759	0.05%	0.007%
62	10.193	1461	1463	1465	rVB	734	558	0.04%	0.005%
63	10.269	1465	1476	1489	rBV	570493	998723	70.76%	8.955%
64	10.528	1513	1520	1527	rVB	94575	158552	11.23%	1.422%
65	10.657	1538	1542	1550	rBV3	3953	7721	0.55%	0.069%
66	10.810	1562	1568	1573	rBV2	26902	46871	3.32%	0.420%
67	10.881	1573	1580	1589	rVB	108621	186938	13.24%	1.676%
68	10.987	1595	1598	1600	rBV2	605	699	0.05%	0.006%
69	11.028	1600	1605	1610	rVB3	4814	7826	0.55%	0.070%
70	11.140	1621	1624	1626	rBV2	677	853	0.06%	0.008%
71	11.251	1641	1643	1646	rVB2	1084	833	0.06%	0.007%
72	11.581	1692	1699	1711	rVB	703313	1189606	84.28%	10.667%
73	11.751	1725	1728	1730	rBV	1081	1367	0.10%	0.012%
74	11.798	1730	1736	1741	rVV4	2074	4869	0.34%	0.044%
75	11.875	1747	1749	1751	rBV	778	629	0.04%	0.006%
76	12.169	1797	1799	1802	rVB2	567	609	0.04%	0.005%

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 Title : SFAM01.0

77	12.198	1802	1804	1805	rBV	852	728	0.05%	0.007%
78	12.269	1814	1816	1818	rBV	903	753	0.05%	0.007%
79	12.581	1864	1869	1874	rVB3	5762	9713	0.69%	0.087%
80	12.651	1874	1881	1888	rBV	245449	409818	29.04%	3.675%
81	12.728	1892	1894	1896	rVB2	1164	777	0.06%	0.007%
82	12.792	1903	1905	1907	rBV	692	824	0.06%	0.007%
83	13.016	1939	1943	1946	rVB2	979	1188	0.08%	0.011%
84	13.045	1946	1948	1949	rBV	978	574	0.04%	0.005%
85	13.234	1978	1980	1985	rBV4	1147	1420	0.10%	0.013%
86	13.522	2021	2029	2037	rVV	597585	960852	68.07%	8.616%
87	13.645	2048	2050	2052	rVB	921	733	0.05%	0.007%
88	13.663	2052	2053	2054	rBV	1044	543	0.04%	0.005%
89	13.816	2072	2079	2087	rBV	536016	871520	61.75%	7.815%
90	14.051	2114	2119	2124	rVB2	8822	12780	0.91%	0.115%
91	14.192	2141	2143	2144	rBV	1874	982	0.07%	0.009%
92	14.210	2144	2146	2148	rVV2	1103	869	0.06%	0.008%
93	14.298	2158	2161	2166	rVB3	2191	2357	0.17%	0.021%
94	14.528	2198	2200	2201	rVB	1251	691	0.05%	0.006%
95	14.551	2202	2204	2205	rBV	996	641	0.05%	0.006%
96	15.092	2294	2296	2300	rBV4	1106	1243	0.09%	0.011%
97	15.339	2336	2338	2341	rBV2	1520	837	0.06%	0.008%
98	15.416	2347	2351	2356	rVB2	6433	9602	0.68%	0.086%
99	15.481	2359	2362	2364	rBV3	3365	5041	0.36%	0.045%
100	16.098	2465	2467	2469	rBV	1277	716	0.05%	0.006%

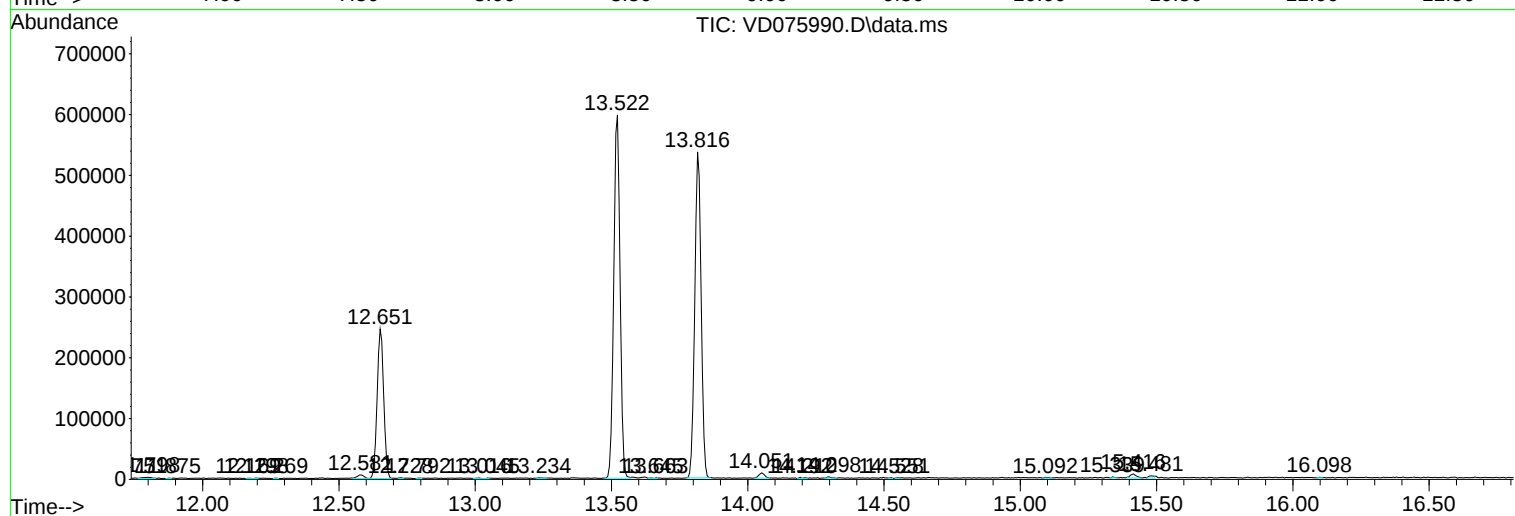
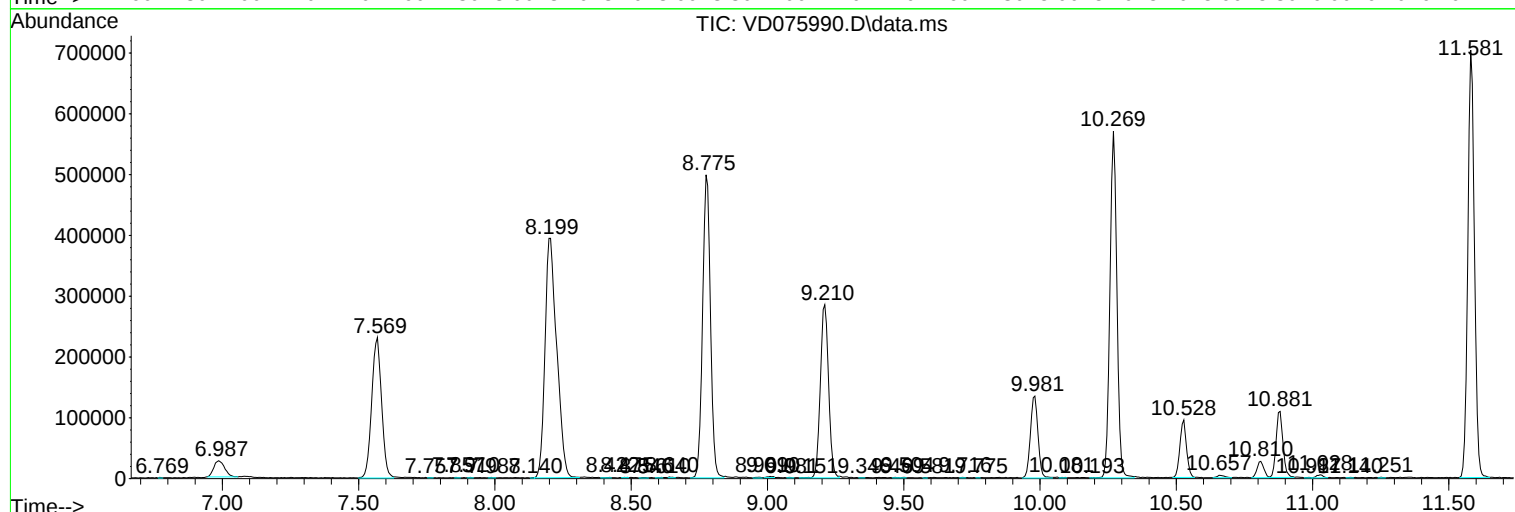
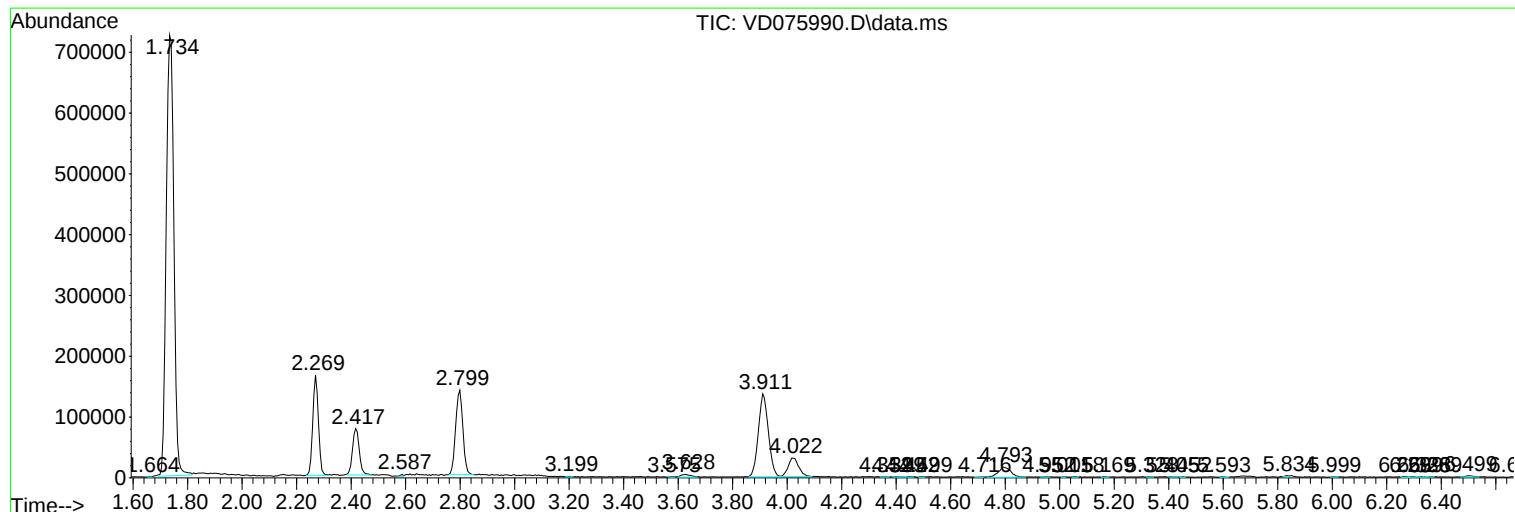
Sum of corrected areas: 11152246

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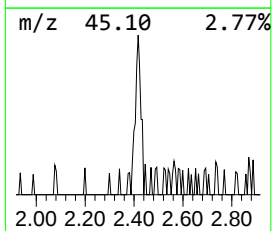
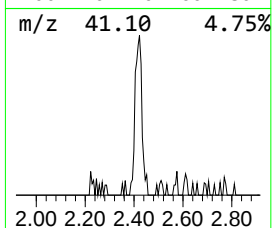
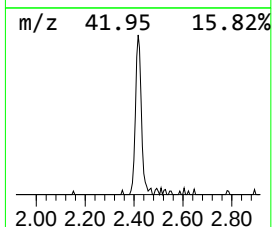
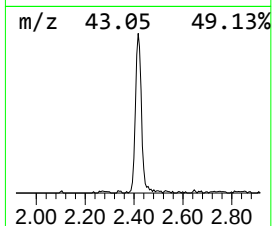
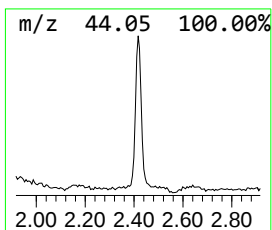
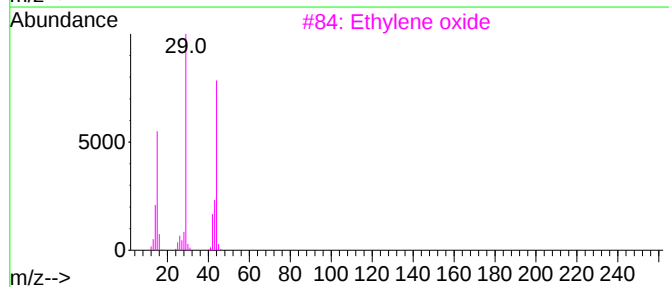
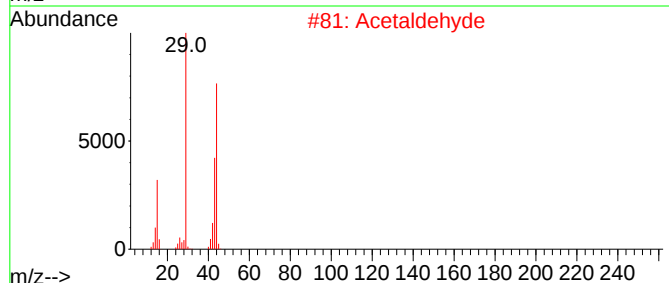
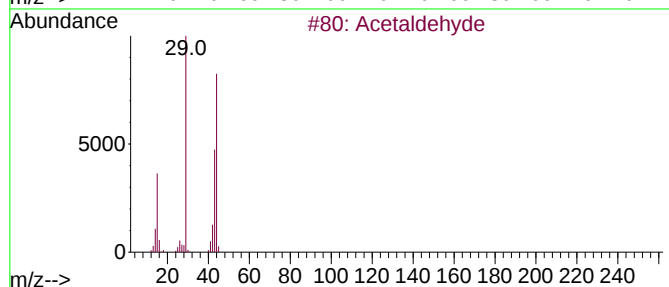
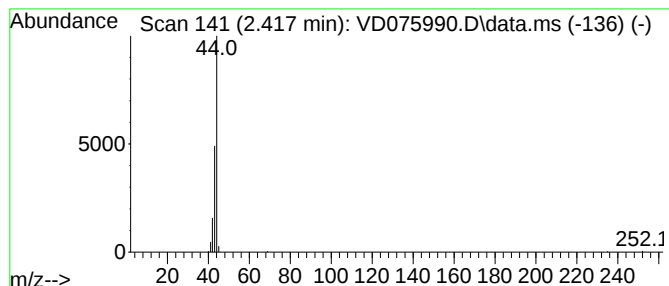
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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	3.23 ug/L	129975	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	3.2	ug/L	129975	1	8.775	1006550	25.0