

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032023\
 Data File : VD075516.D
 Acq On : 20 Mar 2023 14:30
 Operator : KP/SY
 Sample : 01980-05
 Misc : 9.21G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EYGC5

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\SFAMDLM030123SMA.M
 Title : SFAM01.0

Signal : TIC: VD075516.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	14	25	40	rBV	563244	1124935	100.00%	16.799%
2	2.275	112	117	122	rVB	110778	160264	14.25%	2.393%
3	2.422	137	142	149	rVB	47165	77294	6.87%	1.154%
4	2.581	167	169	170	rBV	2831	2078	0.18%	0.031%
5	2.799	200	206	215	rVB	96725	178335	15.85%	2.663%
6	3.264	282	285	286	rBV2	683	564	0.05%	0.008%
7	3.317	293	294	296	rBV	876	432	0.04%	0.006%
8	3.446	313	316	317	rBV3	1246	978	0.09%	0.015%
9	3.916	386	396	406	rBV3	79200	211837	18.83%	3.163%
10	4.022	407	414	426	rVB2	11778	33628	2.99%	0.502%
11	4.140	432	434	436	rBV	855	917	0.08%	0.014%
12	4.258	450	454	455	rBV	799	882	0.08%	0.013%
13	4.434	481	484	485	rBV	552	586	0.05%	0.009%
14	4.799	537	546	557	rVB3	8298	24904	2.21%	0.372%
15	4.952	567	572	574	rBV	502	919	0.08%	0.014%
16	5.016	581	583	584	rBV	1033	674	0.06%	0.010%
17	5.046	586	588	589	rVV	1477	921	0.08%	0.014%
18	5.158	604	607	608	rBV	555	580	0.05%	0.009%
19	5.322	633	635	637	rVB	728	488	0.04%	0.007%
20	5.681	692	696	697	rBV4	1048	1543	0.14%	0.023%
21	5.763	708	710	714	rBV	454	449	0.04%	0.007%
22	5.910	733	735	738	rVB	674	629	0.06%	0.009%
23	5.940	738	740	741	rBV	636	495	0.04%	0.007%
24	6.128	770	772	775	rBV	488	700	0.06%	0.010%
25	6.193	781	783	786	rVB	730	756	0.07%	0.011%
26	6.234	788	790	794	rVV	396	568	0.05%	0.008%
27	6.340	806	808	809	rBV	602	435	0.04%	0.006%
28	6.534	839	841	845	rVB	650	555	0.05%	0.008%
29	6.569	845	847	850	rBV2	487	473	0.04%	0.007%
30	6.863	895	897	899	rVB	912	646	0.06%	0.010%
31	6.887	899	901	905	rBV	722	861	0.08%	0.013%
32	6.987	909	918	928	rBV2	25903	73716	6.55%	1.101%
33	7.169	947	949	950	rBV	622	448	0.04%	0.007%
34	7.187	950	952	956	rVB2	731	700	0.06%	0.010%
35	7.299	969	971	973	rBV2	668	703	0.06%	0.010%
36	7.322	973	975	977	rVV	697	652	0.06%	0.010%

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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Title : SFAM01.0

37	7.346	977	979	986	rVB	686	1087	0.10%	0.016%
38	7.569	1006	1017	1030	rBV	131837	320006	28.45%	4.779%
39	7.863	1066	1067	1071	rBV	615	701	0.06%	0.010%
40	7.957	1082	1083	1087	rVV	396	471	0.04%	0.007%
41	8.128	1111	1112	1114	rBV	632	429	0.04%	0.006%
42	8.204	1114	1125	1140	rBV2	218476	662921	58.93%	9.899%
43	8.481	1167	1172	1181	rBV4	2112	4835	0.43%	0.072%
44	8.569	1185	1187	1189	rBV2	743	640	0.06%	0.010%
45	8.640	1193	1199	1200	rBV3	981	1569	0.14%	0.023%
46	8.781	1214	1223	1233	rVV	244652	507571	45.12%	7.580%
47	9.004	1260	1261	1262	rBV	1076	558	0.05%	0.008%
48	9.210	1287	1296	1306	rBV	155926	323222	28.73%	4.827%
49	9.281	1306	1308	1313	rVV2	1471	1480	0.13%	0.022%
50	9.357	1315	1321	1325	rVV2	1773	2833	0.25%	0.042%
51	9.422	1329	1332	1334	rVV2	688	654	0.06%	0.010%
52	9.475	1337	1341	1343	rBV2	435	457	0.04%	0.007%
53	9.610	1362	1364	1366	rVB	656	501	0.04%	0.007%
54	9.916	1414	1416	1418	rVB2	784	638	0.06%	0.010%
55	9.981	1420	1427	1434	rBV	83346	152451	13.55%	2.277%
56	10.099	1446	1447	1450	rBV	887	635	0.06%	0.009%
57	10.163	1456	1458	1460	rBV2	510	606	0.05%	0.009%
58	10.269	1469	1476	1485	rBV	297357	532295	47.32%	7.949%
59	10.446	1503	1506	1507	rVB2	730	666	0.06%	0.010%
60	10.528	1514	1520	1527	rVV	59379	104519	9.29%	1.561%
61	10.610	1533	1534	1537	rBV2	1038	635	0.06%	0.009%
62	10.663	1537	1543	1552	rVV	18209	32891	2.92%	0.491%
63	10.822	1566	1570	1571	rBV2	598	541	0.05%	0.008%
64	10.881	1573	1580	1590	rBV	112341	191898	17.06%	2.866%
65	10.951	1590	1592	1594	rVB	959	582	0.05%	0.009%
66	11.028	1600	1605	1610	rVB5	4981	7905	0.70%	0.118%
67	11.428	1671	1673	1675	rVB2	858	545	0.05%	0.008%
68	11.581	1692	1699	1709	rVV	343609	598763	53.23%	8.941%
69	11.675	1712	1715	1716	rBV2	1341	1263	0.11%	0.019%
70	11.787	1732	1734	1735	rBV	898	819	0.07%	0.012%
71	12.093	1784	1786	1789	rBV2	436	450	0.04%	0.007%
72	12.122	1789	1791	1794	rBV	708	707	0.06%	0.011%
73	12.204	1801	1805	1808	rBV4	927	1420	0.13%	0.021%
74	12.298	1817	1821	1828	rBV2	1718	2851	0.25%	0.043%
75	12.416	1838	1841	1843	rVB3	695	665	0.06%	0.010%
76	12.540	1860	1862	1863	rVV2	702	492	0.04%	0.007%

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 Title : SFAM01.0

77	12.581	1863	1869	1874	rVV2	29624	46722	4.15%	0.698%
78	12.651	1875	1881	1890	rVB	195128	328470	29.20%	4.905%
79	12.810	1906	1908	1913	rVB2	439	513	0.05%	0.008%
80	13.051	1946	1949	1951	rBV2	598	724	0.06%	0.011%
81	13.128	1960	1962	1964	rBV2	556	480	0.04%	0.007%
82	13.234	1974	1980	1985	rBV	9708	15185	1.35%	0.227%
83	13.292	1988	1990	1992	rBV2	511	580	0.05%	0.009%
84	13.369	1998	2003	2006	rVB4	1738	2515	0.22%	0.038%
85	13.463	2017	2019	2021	rBV2	1660	1355	0.12%	0.020%
86	13.522	2022	2029	2036	rVV	290643	467422	41.55%	6.980%
87	13.622	2041	2046	2051	rVV4	6339	9904	0.88%	0.148%
88	13.681	2053	2056	2057	rBV	564	472	0.04%	0.007%
89	13.734	2063	2065	2066	rBV2	742	541	0.05%	0.008%
90	13.816	2072	2079	2087	rVB	264221	434534	38.63%	6.489%
91	13.875	2087	2089	2091	rBV	779	614	0.05%	0.009%
92	14.051	2116	2119	2125	rVB	7068	10124	0.90%	0.151%
93	14.128	2130	2132	2134	rBV	718	514	0.05%	0.008%
94	14.257	2153	2154	2158	rBV2	607	522	0.05%	0.008%
95	14.298	2158	2161	2165	rVB3	2027	2583	0.23%	0.039%
96	14.392	2175	2177	2179	rBV2	787	591	0.05%	0.009%
97	14.428	2181	2183	2185	rVB	739	518	0.05%	0.008%
98	14.592	2209	2211	2213	rBV2	793	872	0.08%	0.013%
99	15.981	2445	2447	2449	rBV2	790	608	0.05%	0.009%
100	16.481	2530	2532	2533	rBV	686	445	0.04%	0.007%

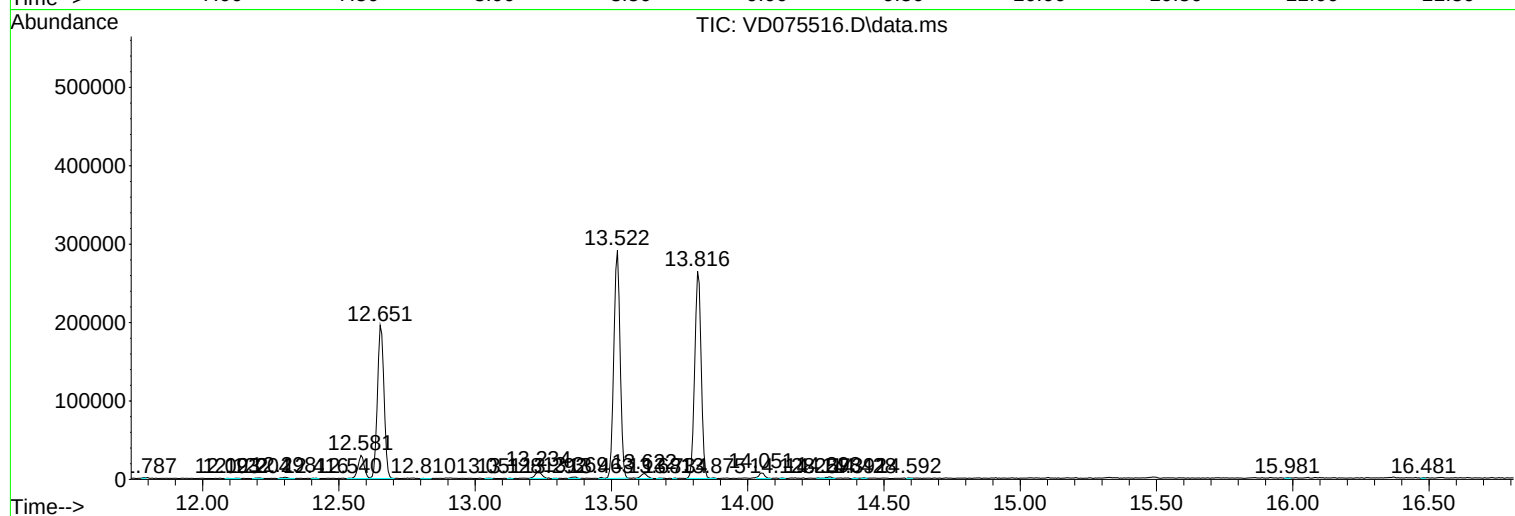
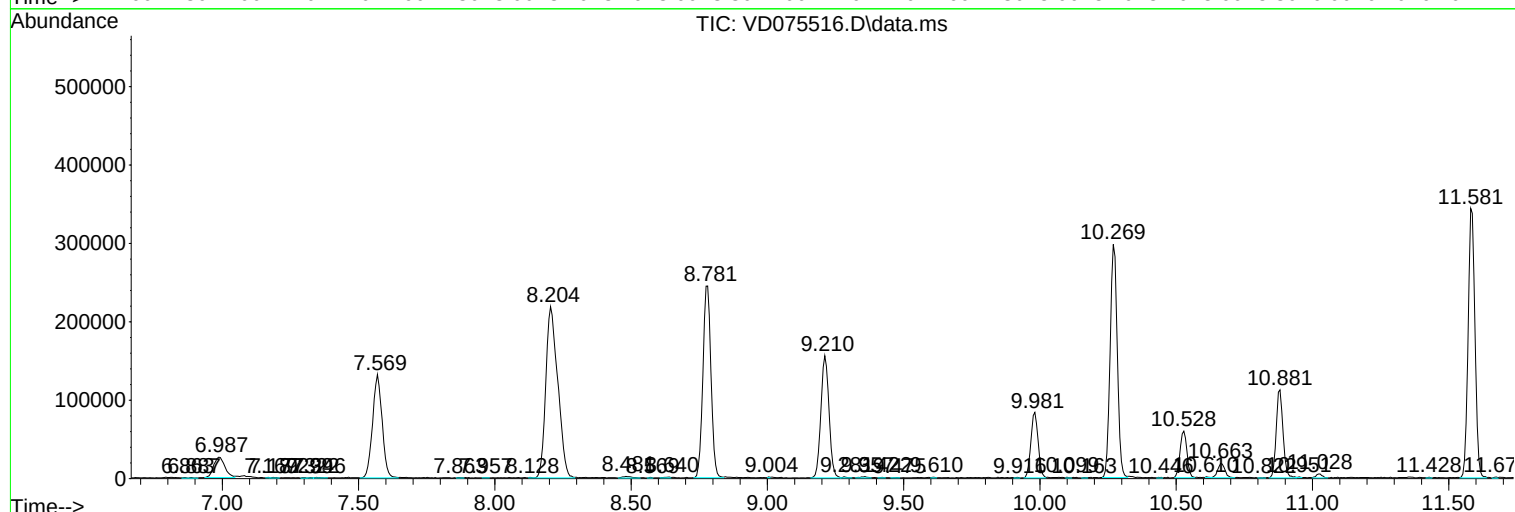
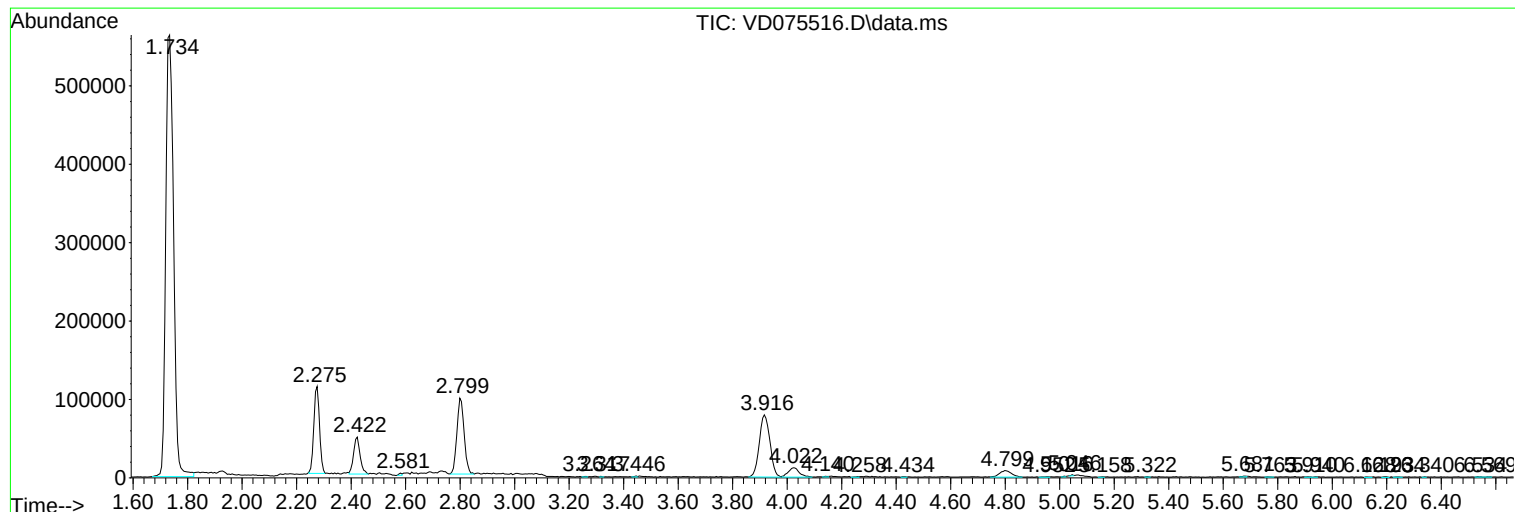
Sum of corrected areas: 6696525

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0

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



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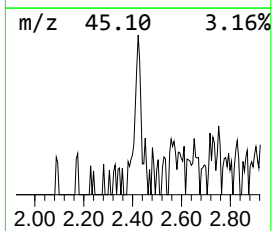
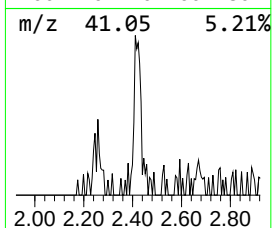
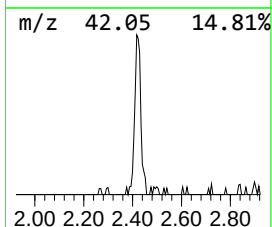
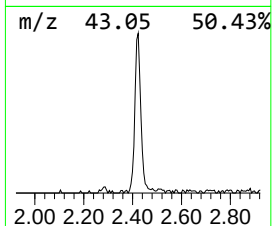
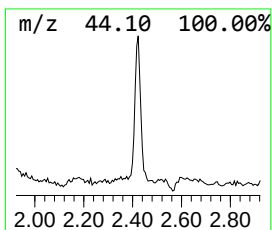
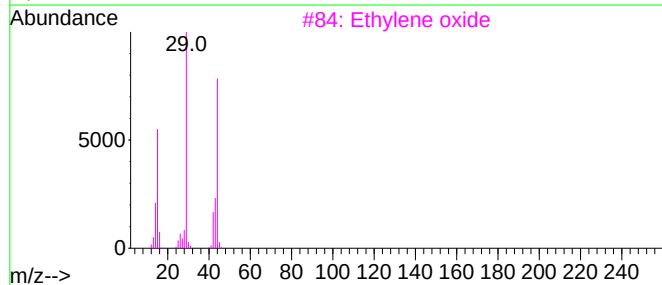
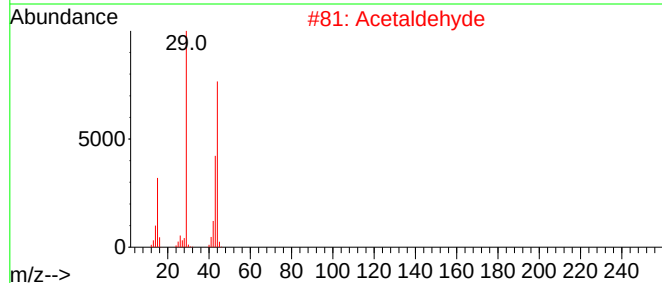
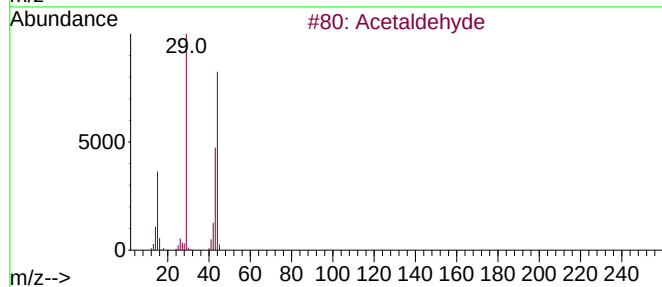
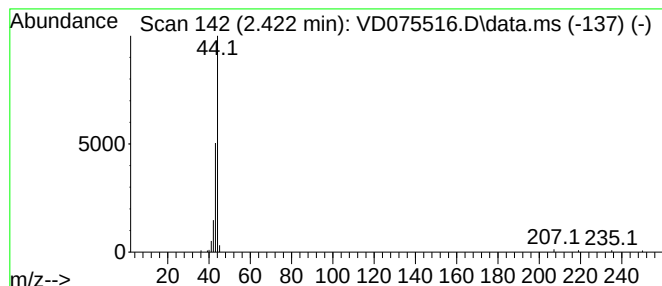
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0

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	3.81 ug/L	77294	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	2.422	3.8	ug/L	77294	1	8.775	507571	25.0