

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075881.D
 Acq On : 28 Apr 2023 11:56
 Operator : KP/SY
 Sample : 02525-03
 Misc : 5.81G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCC3

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: VD075881.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	13	26	38	rBV	840927	1634272	100.00%	15.362%
2	2.158	91	97	99	rBV2	2784	5793	0.35%	0.054%
3	2.269	111	116	124	rVB	161572	233242	14.27%	2.192%
4	2.416	136	141	150	rVB	51790	82225	5.03%	0.773%
5	2.799	199	206	214	rBV	131534	242470	14.84%	2.279%
6	3.152	265	266	268	rBV	1114	677	0.04%	0.006%
7	3.293	288	290	292	rBV	896	880	0.05%	0.008%
8	3.328	294	296	298	rBV2	774	746	0.05%	0.007%
9	3.616	343	345	346	rVV	1332	653	0.04%	0.006%
10	3.640	346	349	350	rVV3	956	904	0.06%	0.008%
11	3.705	357	360	361	rBV2	723	724	0.04%	0.007%
12	3.916	386	396	406	rBV2	129287	338860	20.73%	3.185%
13	4.022	407	414	424	rVV	30096	81336	4.98%	0.765%
14	4.105	427	428	429	rVV	1455	680	0.04%	0.006%
15	4.146	432	435	438	rVB2	1229	1389	0.08%	0.013%
16	4.246	450	452	455	rVB	624	600	0.04%	0.006%
17	4.305	458	462	463	rBV2	678	686	0.04%	0.006%
18	4.481	490	492	495	rBV2	1006	825	0.05%	0.008%
19	4.640	517	519	523	rBV2	458	639	0.04%	0.006%
20	4.746	536	537	538	rBV	952	642	0.04%	0.006%
21	4.793	538	545	546	rBV3	12379	19322	1.18%	0.182%
22	4.899	561	563	569	rVV2	818	1142	0.07%	0.011%
23	4.999	578	580	583	rVB2	587	663	0.04%	0.006%
24	5.110	592	599	600	rBV3	627	936	0.06%	0.009%
25	5.134	600	603	607	rVB2	582	788	0.05%	0.007%
26	5.263	620	625	626	rVB2	590	706	0.04%	0.007%
27	5.305	631	632	635	rVB2	833	673	0.04%	0.006%
28	5.399	646	648	652	rVB2	707	867	0.05%	0.008%
29	5.452	654	657	659	rVB2	760	744	0.05%	0.007%
30	5.752	705	708	710	rBV	668	630	0.04%	0.006%
31	6.193	778	783	784	rBV2	518	685	0.04%	0.006%
32	6.422	819	822	826	rBV	535	769	0.05%	0.007%
33	6.552	841	844	847	rVB	815	896	0.05%	0.008%
34	6.904	901	904	905	rBV2	972	777	0.05%	0.007%
35	6.987	908	918	927	rBV	25922	78331	4.79%	0.736%
36	7.328	975	976	979	rVB2	856	617	0.04%	0.006%

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 Title : SFAM01.0

37	7.563	1006	1016	1031	rBV	192332	473271	28.96%	4.449%
38	7.763	1049	1050	1053	rVB2	839	609	0.04%	0.006%
39	7.928	1076	1078	1084	rVB2	799	1115	0.07%	0.010%
40	8.204	1113	1125	1142	rBV2	350855	1043166	63.83%	9.806%
41	8.481	1167	1172	1174	rBV4	1440	2244	0.14%	0.021%
42	8.557	1183	1185	1189	rBV2	821	936	0.06%	0.009%
43	8.651	1195	1201	1206	rVB3	2921	4482	0.27%	0.042%
44	8.775	1213	1222	1232	rBV	444389	888764	54.38%	8.354%
45	9.010	1258	1262	1263	rBV	1380	1619	0.10%	0.015%
46	9.210	1287	1296	1306	rBV	242116	500572	30.63%	4.705%
47	9.340	1317	1318	1319	rBV	2020	1307	0.08%	0.012%
48	9.440	1331	1335	1337	rBV3	1226	1563	0.10%	0.015%
49	9.557	1351	1355	1358	rBV2	462	598	0.04%	0.006%
50	9.781	1389	1393	1395	rVV2	727	860	0.05%	0.008%
51	9.981	1419	1427	1437	rVB	122593	229663	14.05%	2.159%
52	10.087	1444	1445	1447	rBV	671	637	0.04%	0.006%
53	10.181	1456	1461	1464	rBV2	706	843	0.05%	0.008%
54	10.269	1468	1476	1485	rBV	495231	880871	53.90%	8.280%
55	10.528	1513	1520	1528	rBV	84104	149835	9.17%	1.408%
56	10.663	1536	1543	1548	rBV2	7380	15838	0.97%	0.149%
57	10.804	1566	1567	1570	rBV2	664	621	0.04%	0.006%
58	10.875	1573	1579	1590	rBV	106275	185237	11.33%	1.741%
59	11.022	1599	1604	1612	rVB4	13258	23178	1.42%	0.218%
60	11.257	1640	1644	1648	rVB4	1376	2208	0.14%	0.021%
61	11.357	1656	1661	1663	rVB2	1270	2038	0.12%	0.019%
62	11.581	1691	1699	1713	rVV	678980	1152554	70.52%	10.834%
63	11.675	1713	1715	1720	rVB	1443	2073	0.13%	0.019%
64	11.745	1725	1727	1728	rBV2	996	679	0.04%	0.006%
65	11.792	1731	1735	1742	rVV4	2248	4230	0.26%	0.040%
66	12.034	1772	1776	1777	rBV	917	1144	0.07%	0.011%
67	12.098	1783	1787	1788	rBV2	766	930	0.06%	0.009%
68	12.122	1788	1791	1794	rBV2	945	1295	0.08%	0.012%
69	12.392	1834	1837	1838	rBV2	979	1015	0.06%	0.010%
70	12.422	1838	1842	1845	rVV2	1467	2293	0.14%	0.022%
71	12.469	1848	1850	1852	rBV	974	791	0.05%	0.007%
72	12.545	1859	1863	1864	rBV2	1126	1469	0.09%	0.014%
73	12.581	1864	1869	1874	rVV2	11993	18855	1.15%	0.177%
74	12.651	1874	1881	1891	rVB	248478	404223	24.73%	3.800%
75	12.769	1898	1901	1903	rVB2	724	846	0.05%	0.008%
76	12.810	1906	1908	1910	rBV3	724	776	0.05%	0.007%

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 Title : SFAM01.0

77	12.898	1920	1923	1925	rBV2	763	777	0.05%	0.007%
78	12.916	1925	1926	1929	rBV2	704	598	0.04%	0.006%
79	13.081	1952	1954	1956	rBV	1015	756	0.05%	0.007%
80	13.228	1977	1979	1986	rVB3	1932	2539	0.16%	0.024%
81	13.339	1997	1998	2001	rVB2	991	652	0.04%	0.006%
82	13.369	2001	2003	2006	rBV2	1209	1306	0.08%	0.012%
83	13.434	2011	2014	2021	rBV4	3851	4533	0.28%	0.043%
84	13.516	2021	2028	2036	rBV	661999	1069355	65.43%	10.052%
85	13.657	2049	2052	2054	rBV	636	712	0.04%	0.007%
86	13.816	2071	2079	2089	rVB	472604	772527	47.27%	7.262%
87	14.045	2114	2118	2124	rVB2	10651	17382	1.06%	0.163%
88	14.198	2142	2144	2149	rVB2	964	1395	0.09%	0.013%
89	14.292	2158	2160	2162	rBV3	2050	1872	0.11%	0.018%
90	14.504	2192	2196	2200	rVB4	1831	2785	0.17%	0.026%
91	14.657	2220	2222	2224	rVB2	1264	902	0.06%	0.008%
92	14.681	2224	2226	2227	rBV2	974	790	0.05%	0.007%
93	14.933	2267	2269	2270	rBV	1509	956	0.06%	0.009%
94	15.204	2314	2315	2318	rBV	1223	941	0.06%	0.009%
95	15.245	2320	2322	2325	rVB2	1390	934	0.06%	0.009%
96	15.410	2345	2350	2355	rVB2	6692	10751	0.66%	0.101%
97	15.680	2394	2396	2398	rBV2	1409	1426	0.09%	0.013%
98	15.722	2400	2403	2404	rBV2	1125	1069	0.07%	0.010%
99	15.975	2445	2446	2448	rBV2	1118	711	0.04%	0.007%
100	16.633	2556	2558	2559	rBV	1317	700	0.04%	0.007%

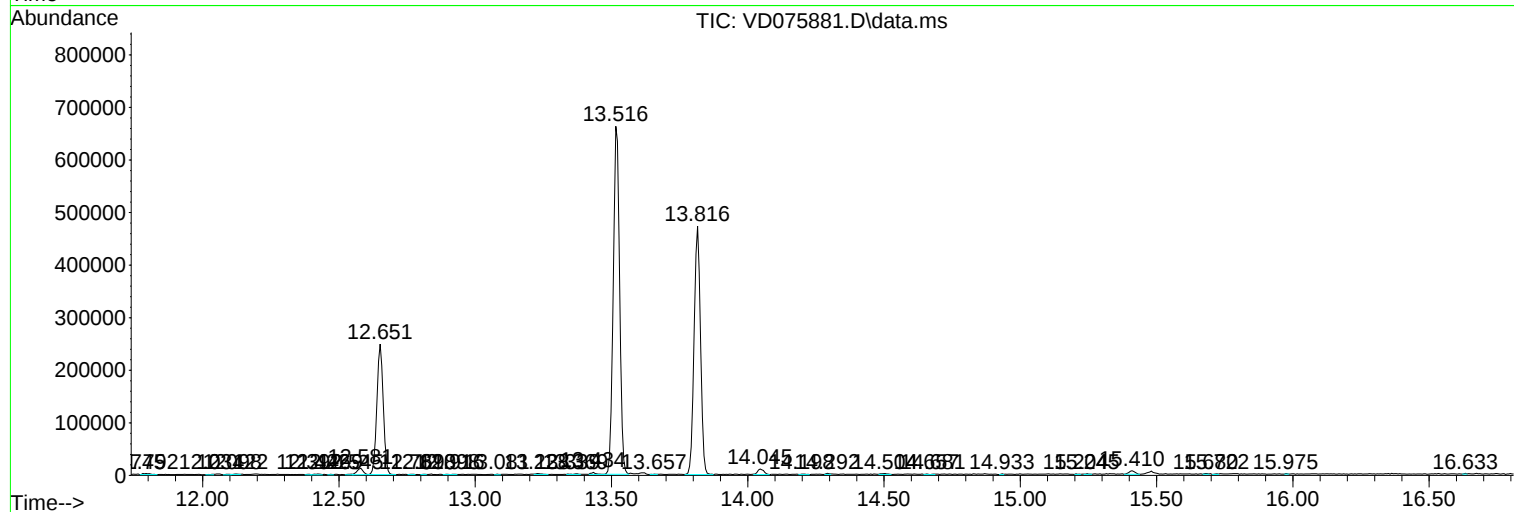
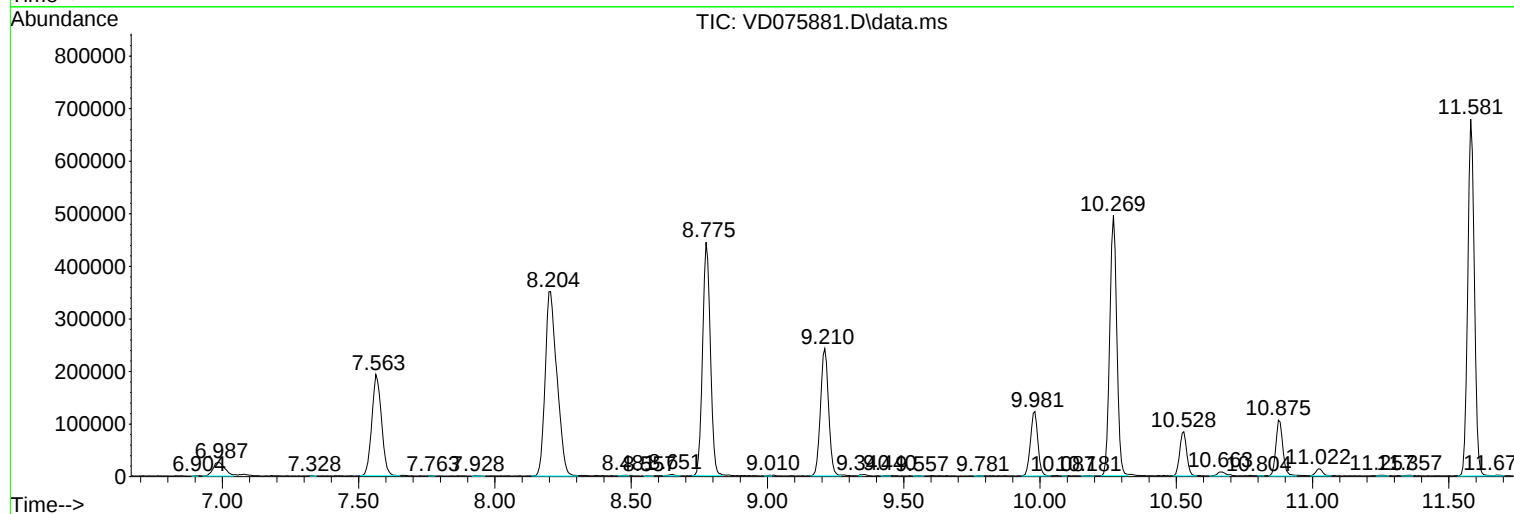
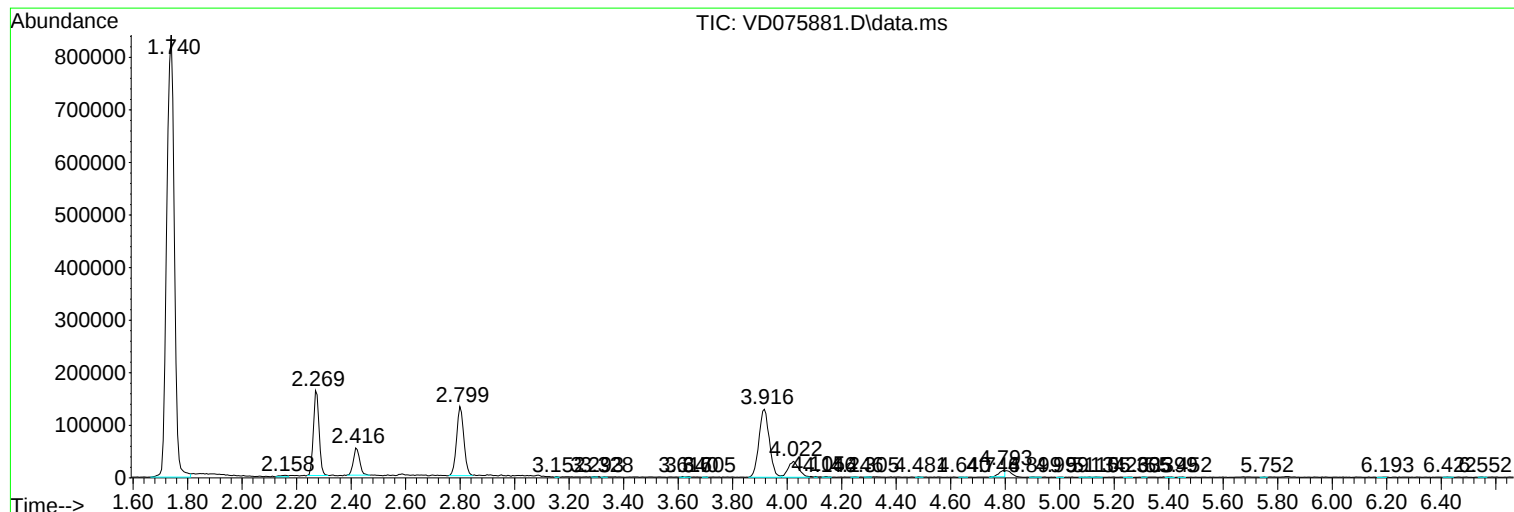
Sum of corrected areas: 10638406

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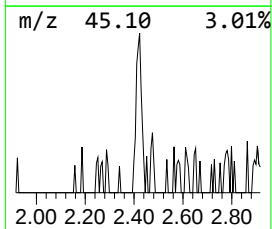
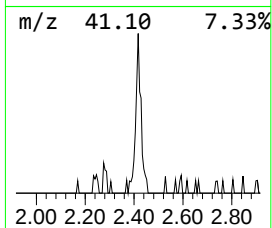
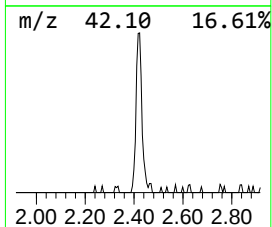
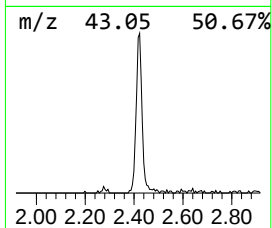
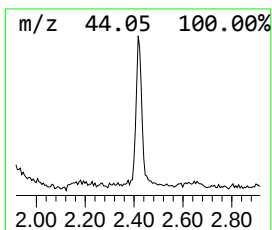
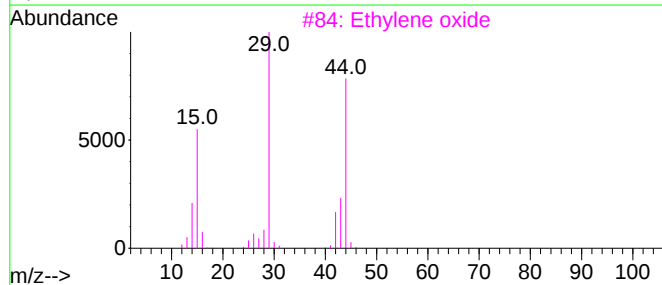
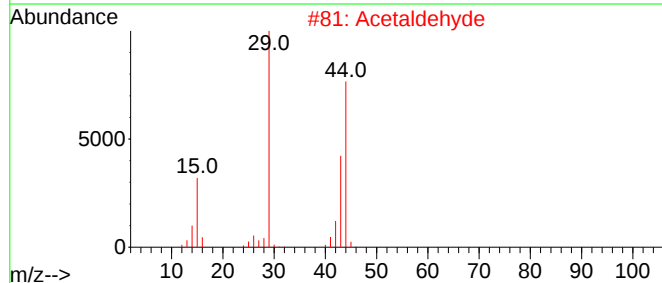
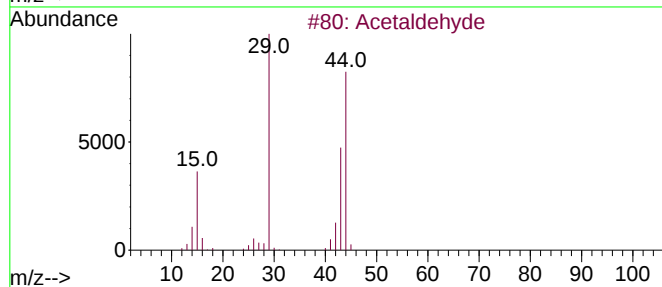
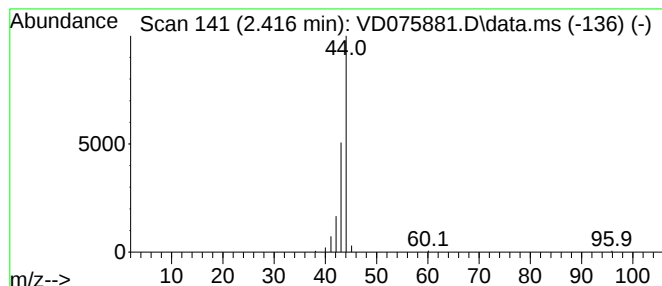
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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.
2.416	2.31 ug/L	82225	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	2.416	2.3	ug/L	82225	1	8.775	888764	25.0