

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075871.D
 Acq On : 27 Apr 2023 20:05
 Operator : KP/SY
 Sample : 02525-05
 Misc : 6.16G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCC5

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: VD075871.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	12	25	34	rBV	191169	366612	28.14%	3.253%
2	2.146	91	95	96	rBV2	2784	3107	0.24%	0.028%
3	2.270	111	116	125	rVB	199777	283266	21.74%	2.513%
4	2.417	136	141	149	rBV	73964	124093	9.53%	1.101%
5	2.799	199	206	214	rBV	158879	289060	22.19%	2.565%
6	3.299	290	291	295	rBV2	671	791	0.06%	0.007%
7	3.422	310	312	313	rBV	783	498	0.04%	0.004%
8	3.452	313	317	318	rBV3	1107	1189	0.09%	0.011%
9	3.540	331	332	335	rBV2	590	676	0.05%	0.006%
10	3.652	349	351	354	rBV	398	436	0.03%	0.004%
11	3.764	368	370	372	rVB	704	470	0.04%	0.004%
12	3.911	385	395	406	rBV2	156490	405099	31.10%	3.595%
13	4.017	406	413	426	rVV	61580	171528	13.17%	1.522%
14	4.122	429	431	433	rBV2	1275	1142	0.09%	0.010%
15	4.187	440	442	445	rVB2	641	695	0.05%	0.006%
16	4.211	445	446	448	rBV	944	557	0.04%	0.005%
17	4.269	448	456	457	rBV3	1381	1672	0.13%	0.015%
18	4.375	472	474	477	rVB	610	506	0.04%	0.004%
19	4.464	487	489	492	rBV	1072	974	0.07%	0.009%
20	4.799	535	546	558	rBV3	22153	68599	5.27%	0.609%
21	5.064	589	591	594	rVB2	560	516	0.04%	0.005%
22	5.111	598	599	601	rBV	740	627	0.05%	0.006%
23	5.128	601	602	605	rVV	747	579	0.04%	0.005%
24	5.175	607	610	614	rBV2	538	831	0.06%	0.007%
25	5.222	614	618	621	rBV2	768	872	0.07%	0.008%
26	5.334	635	637	639	rBV	596	572	0.04%	0.005%
27	5.564	675	676	678	rVB	1099	548	0.04%	0.005%
28	5.581	678	679	682	rVB	627	530	0.04%	0.005%
29	5.640	686	689	690	rBV2	577	692	0.05%	0.006%
30	5.799	713	716	717	rBV	541	477	0.04%	0.004%
31	5.822	717	720	721	rBV	704	653	0.05%	0.006%
32	5.905	732	734	737	rVV	554	469	0.04%	0.004%
33	6.246	788	792	794	rBV2	872	1321	0.10%	0.012%
34	6.505	834	836	838	rVB2	746	571	0.04%	0.005%
35	6.675	863	865	866	rVB	940	519	0.04%	0.005%
36	6.722	871	873	876	rVB2	533	561	0.04%	0.005%

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

37	6.769	879	881	882	rBV	635	548	0.04%	0.005%
38	6.987	909	918	928	rBV	35103	101366	7.78%	0.899%
39	7.158	945	947	948	rVB	928	533	0.04%	0.005%
40	7.428	990	993	994	rBV2	540	608	0.05%	0.005%
41	7.446	994	996	1002	rVB2	1486	1377	0.11%	0.012%
42	7.563	1005	1016	1029	rBV2	229143	594435	45.63%	5.275%
43	7.787	1051	1054	1055	rVV	458	438	0.03%	0.004%
44	7.881	1066	1070	1071	rBV	773	961	0.07%	0.009%
45	8.010	1090	1092	1095	rBV2	577	657	0.05%	0.006%
46	8.205	1114	1125	1142	rVV2	428634	1294779	99.39%	11.489%
47	8.310	1142	1143	1144	rVB	1189	436	0.03%	0.004%
48	8.399	1157	1158	1161	rBV2	702	675	0.05%	0.006%
49	8.428	1161	1163	1165	rVB2	844	484	0.04%	0.004%
50	8.452	1165	1167	1168	rBV	1227	671	0.05%	0.006%
51	8.640	1192	1199	1206	rVB6	2719	6348	0.49%	0.056%
52	8.693	1206	1208	1211	rBV	827	1106	0.08%	0.010%
53	8.775	1213	1222	1231	rBV	499937	997117	76.54%	8.848%
54	9.010	1256	1262	1268	rVB4	9716	21155	1.62%	0.188%
55	9.134	1282	1283	1285	rBV	763	627	0.05%	0.006%
56	9.210	1287	1296	1308	rBV	303998	626639	48.10%	5.560%
57	9.340	1316	1318	1319	rBV	1710	1065	0.08%	0.009%
58	9.434	1333	1334	1336	rBV	685	567	0.04%	0.005%
59	9.699	1377	1379	1381	rBV	659	498	0.04%	0.004%
60	9.810	1395	1398	1400	rBV2	767	917	0.07%	0.008%
61	9.922	1415	1417	1420	rBV	1152	1043	0.08%	0.009%
62	9.975	1420	1426	1438	rVV	152713	286885	22.02%	2.546%
63	10.104	1447	1448	1449	rBV	912	442	0.03%	0.004%
64	10.163	1454	1458	1461	rBV3	1553	2374	0.18%	0.021%
65	10.187	1461	1462	1463	rVB	1371	484	0.04%	0.004%
66	10.269	1467	1476	1491	rBV	622212	1100403	84.47%	9.764%
67	10.522	1513	1519	1527	rBV	106420	187398	14.38%	1.663%
68	10.663	1537	1543	1548	rBV2	8609	13959	1.07%	0.124%
69	10.810	1561	1568	1573	rVV3	13739	23059	1.77%	0.205%
70	10.881	1573	1580	1590	rVV	135144	235490	18.08%	2.090%
71	11.022	1600	1604	1610	rVB3	11291	18266	1.40%	0.162%
72	11.157	1625	1627	1631	rBV2	573	745	0.06%	0.007%
73	11.293	1647	1650	1651	rBV2	596	606	0.05%	0.005%
74	11.581	1691	1699	1711	rBV	778282	1302766	100.00%	11.560%
75	11.828	1740	1741	1742	rBV	1098	542	0.04%	0.005%
76	11.881	1749	1750	1753	rBV	906	715	0.05%	0.006%

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 Title : SFAM01.0

77	11.910	1753	1755	1756	rVV2	793	596	0.05%	0.005%
78	12.010	1768	1772	1776	rBV5	2079	3843	0.29%	0.034%
79	12.046	1776	1778	1781	rBV2	992	1324	0.10%	0.012%
80	12.187	1800	1802	1803	rBV	1017	529	0.04%	0.005%
81	12.257	1812	1814	1817	rVV2	877	824	0.06%	0.007%
82	12.298	1820	1821	1825	rVB2	1299	1063	0.08%	0.009%
83	12.581	1864	1869	1874	rBV2	11489	17272	1.33%	0.153%
84	12.651	1874	1881	1889	rVB	294200	482431	37.03%	4.281%
85	12.857	1915	1916	1917	rBV	1814	776	0.06%	0.007%
86	13.081	1953	1954	1956	rBV2	795	442	0.03%	0.004%
87	13.234	1975	1980	1983	rBV4	1765	3181	0.24%	0.028%
88	13.357	1998	2001	2003	rBV2	1156	1452	0.11%	0.013%
89	13.434	2009	2014	2018	rBV3	2965	4766	0.37%	0.042%
90	13.516	2021	2028	2036	rBV	724862	1192917	91.57%	10.585%
91	13.616	2042	2045	2050	rVB4	7197	9311	0.71%	0.083%
92	13.816	2071	2079	2089	rBV	574098	947540	72.73%	8.408%
93	14.051	2114	2119	2124	rVB2	11176	19064	1.46%	0.169%
94	14.116	2129	2130	2131	rBV	1071	553	0.04%	0.005%
95	14.216	2146	2147	2151	rBV2	1073	1005	0.08%	0.009%
96	14.292	2158	2160	2164	rVB3	5249	5984	0.46%	0.053%
97	14.992	2277	2279	2280	rBV	788	493	0.04%	0.004%
98	15.410	2347	2350	2356	rVB	10281	12401	0.95%	0.110%
99	15.869	2426	2428	2429	rBV2	1627	757	0.06%	0.007%
100	16.692	2566	2568	2569	rBV	1652	819	0.06%	0.007%

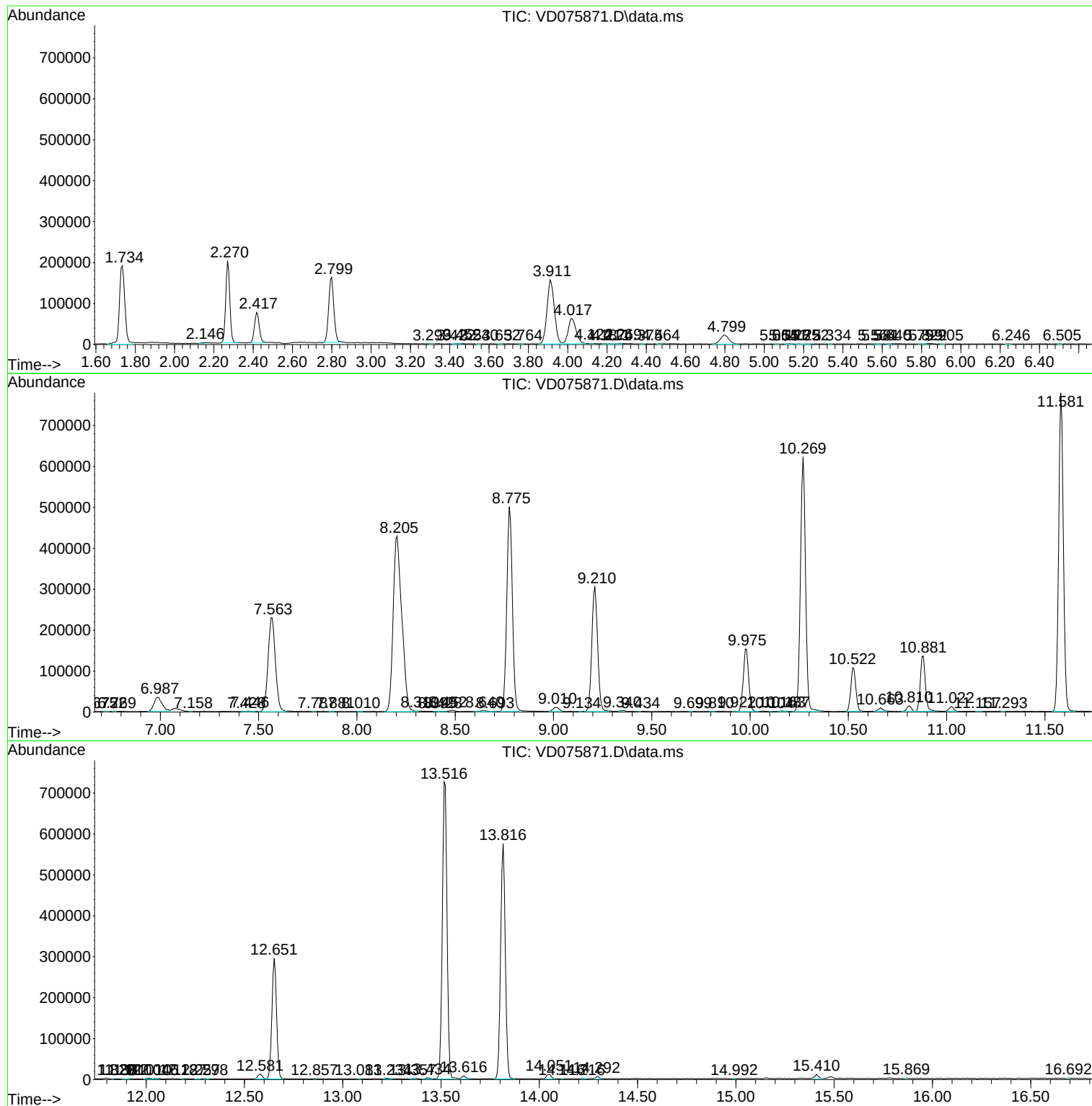
Sum of corrected areas: 11269835

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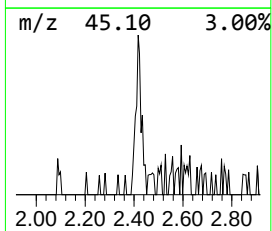
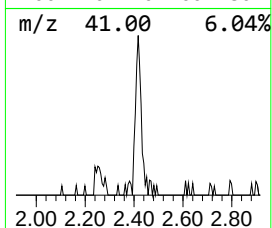
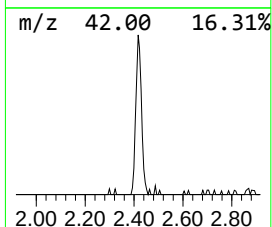
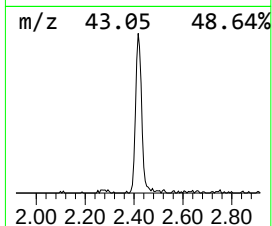
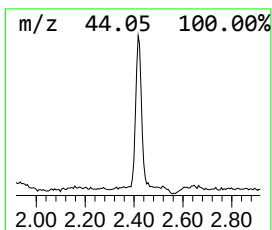
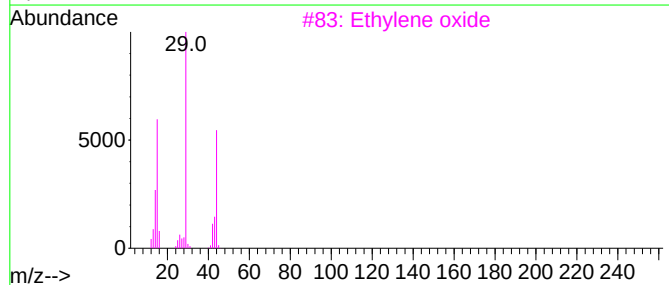
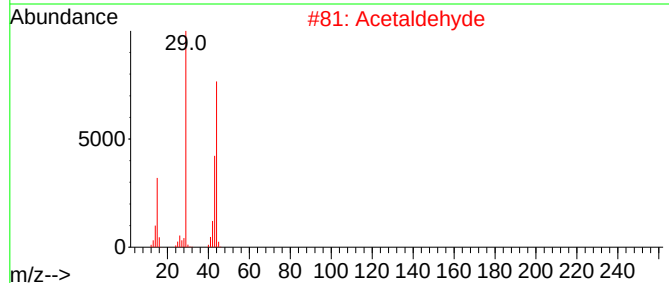
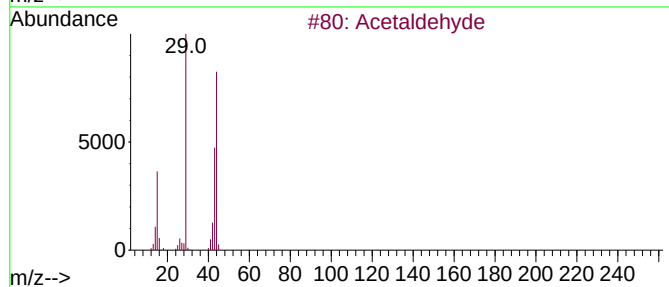
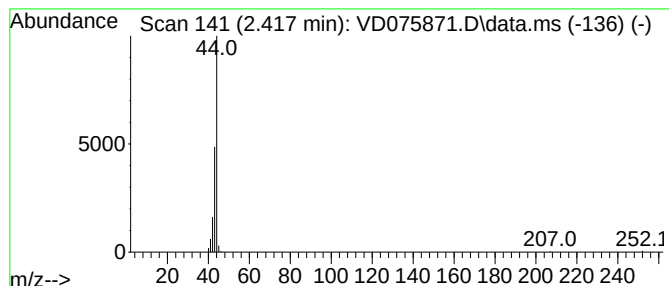
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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	3.11 ug/L	124093	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	2.417	3.1	ug/L	124093	1	8.775	997117	25.0