

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075882.D
 Acq On : 28 Apr 2023 12:26
 Operator : KP/SY
 Sample : 02525-01
 Misc : 5.72G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCC1

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: VD075882.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	40	rBV	1025252	1952775	100.00%	14.969%
2	2.269	110	116	124	rBV	196198	288084	14.75%	2.208%
3	2.416	135	141	148	rBV	164617	278441	14.26%	2.134%
4	2.599	167	172	173	rBV2	4009	5164	0.26%	0.040%
5	2.799	199	206	215	rVB	154117	288572	14.78%	2.212%
6	3.299	288	291	295	rBV3	788	829	0.04%	0.006%
7	3.369	301	303	305	rVB	953	513	0.03%	0.004%
8	3.434	312	314	315	rBV2	1235	866	0.04%	0.007%
9	3.452	315	317	319	rVV2	945	683	0.03%	0.005%
10	3.622	343	346	347	rBV3	803	851	0.04%	0.007%
11	3.693	357	358	363	rVB2	984	1066	0.05%	0.008%
12	3.740	363	366	368	rVB2	516	580	0.03%	0.004%
13	3.916	385	396	405	rBV	158791	406420	20.81%	3.115%
14	4.022	405	414	427	rVB	143155	388042	19.87%	2.974%
15	4.499	493	495	498	rBV	954	542	0.03%	0.004%
16	4.616	513	515	517	rBV2	623	556	0.03%	0.004%
17	4.799	537	546	556	rVB3	13721	39917	2.04%	0.306%
18	4.987	575	578	580	rBV2	732	837	0.04%	0.006%
19	5.110	597	599	602	rVV2	656	785	0.04%	0.006%
20	5.181	607	611	612	rBV2	642	783	0.04%	0.006%
21	5.263	623	625	626	rVV	628	517	0.03%	0.004%
22	5.357	637	641	643	rBV2	763	957	0.05%	0.007%
23	5.405	647	649	654	rVB2	837	1019	0.05%	0.008%
24	5.469	658	660	664	rVB2	628	720	0.04%	0.006%
25	5.675	689	695	696	rBV2	4661	7280	0.37%	0.056%
26	5.822	717	720	721	rVV2	1220	954	0.05%	0.007%
27	5.840	721	723	726	rVB	1890	1455	0.07%	0.011%
28	5.957	739	743	746	rVB2	684	1000	0.05%	0.008%
29	5.987	746	748	750	rBV	560	598	0.03%	0.005%
30	6.110	767	769	771	rBV2	790	640	0.03%	0.005%
31	6.210	785	786	789	rVB2	792	593	0.03%	0.005%
32	6.434	821	824	825	rVB	589	521	0.03%	0.004%
33	6.452	825	827	829	rBV	686	629	0.03%	0.005%
34	6.469	829	830	836	rVV2	747	850	0.04%	0.007%
35	6.557	843	845	849	rBV2	513	668	0.03%	0.005%
36	6.587	849	850	854	rVB2	522	623	0.03%	0.005%

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

37	6.728	871	874	877	rBB	902	702	0.04%	0.005%
38	6.799	885	886	888	rVB2	1033	533	0.03%	0.004%
39	6.987	908	918	927	rBV2	32207	92901	4.76%	0.712%
40	7.175	948	950	952	rVB2	880	734	0.04%	0.006%
41	7.210	955	956	960	rVB	670	625	0.03%	0.005%
42	7.310	971	973	978	rVB2	947	1206	0.06%	0.009%
43	7.428	990	993	995	rBV2	547	645	0.03%	0.005%
44	7.569	1006	1017	1030	rBV	227843	585131	29.96%	4.485%
45	7.793	1053	1055	1058	rVV2	598	570	0.03%	0.004%
46	7.875	1068	1069	1072	rBV	658	664	0.03%	0.005%
47	7.940	1077	1080	1083	rVB2	576	766	0.04%	0.006%
48	7.981	1083	1087	1088	rBV	522	684	0.04%	0.005%
49	8.199	1115	1124	1142	rBV2	421449	1261257	64.59%	9.668%
50	8.387	1155	1156	1159	rBV2	770	756	0.04%	0.006%
51	8.481	1168	1172	1177	rVB3	4577	8934	0.46%	0.068%
52	8.546	1182	1183	1186	rBV	582	524	0.03%	0.004%
53	8.646	1195	1200	1207	rVB3	4055	7395	0.38%	0.057%
54	8.775	1212	1222	1236	rBV	510064	1045973	53.56%	8.018%
55	9.010	1258	1262	1268	rVB5	1850	3322	0.17%	0.025%
56	9.116	1277	1280	1283	rBV	682	532	0.03%	0.004%
57	9.210	1287	1296	1306	rBV2	294819	610312	31.25%	4.678%
58	9.440	1334	1335	1340	rBV2	583	917	0.05%	0.007%
59	9.534	1349	1351	1356	rBV3	939	1146	0.06%	0.009%
60	9.693	1375	1378	1379	rBV2	1072	861	0.04%	0.007%
61	9.775	1390	1392	1394	rVB	715	557	0.03%	0.004%
62	9.981	1419	1427	1435	rVB	156939	282317	14.46%	2.164%
63	10.198	1462	1464	1467	rBV	826	559	0.03%	0.004%
64	10.269	1468	1476	1486	rBV	605386	1072111	54.90%	8.218%
65	10.528	1513	1520	1527	rVB	100116	179793	9.21%	1.378%
66	10.663	1536	1543	1549	rBV4	7812	14999	0.77%	0.115%
67	10.751	1556	1558	1561	rBV	880	560	0.03%	0.004%
68	10.810	1561	1568	1573	rBV3	18967	33255	1.70%	0.255%
69	10.881	1573	1580	1586	rBV	122654	210726	10.79%	1.615%
70	10.987	1597	1598	1601	rVB	1496	1129	0.06%	0.009%
71	11.028	1601	1605	1610	rBV4	3494	5586	0.29%	0.043%
72	11.345	1656	1659	1660	rBV2	1079	1008	0.05%	0.008%
73	11.581	1691	1699	1714	rVB	771804	1326464	67.93%	10.168%
74	11.745	1724	1727	1730	rVB3	1124	1171	0.06%	0.009%
75	11.798	1730	1736	1742	rVB4	3114	4079	0.21%	0.031%
76	12.216	1803	1807	1808	rBV	859	796	0.04%	0.006%

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 Title : SFAM01.0

77	12.334	1825	1827	1829	rBV2	813	690	0.04%	0.005%
78	12.581	1863	1869	1874	rVB3	10124	16195	0.83%	0.124%
79	12.651	1874	1881	1890	rVB	281097	461597	23.64%	3.538%
80	12.716	1890	1892	1895	rBV2	721	720	0.04%	0.006%
81	12.745	1895	1897	1899	rBV2	678	716	0.04%	0.005%
82	13.051	1947	1949	1953	rBV3	793	983	0.05%	0.008%
83	13.151	1964	1966	1967	rBV2	914	820	0.04%	0.006%
84	13.363	1999	2002	2008	rVB3	2067	2845	0.15%	0.022%
85	13.428	2010	2013	2019	rBV4	2278	4009	0.21%	0.031%
86	13.516	2021	2028	2039	rBV	733984	1189024	60.89%	9.114%
87	13.816	2071	2079	2087	rBV	550142	893637	45.76%	6.850%
88	14.016	2111	2113	2114	rBV	1012	832	0.04%	0.006%
89	14.051	2114	2119	2129	rVB3	6947	11865	0.61%	0.091%
90	14.298	2156	2161	2165	rBV3	5436	7355	0.38%	0.056%
91	14.463	2187	2189	2190	rVB	835	507	0.03%	0.004%
92	14.522	2197	2199	2202	rBV2	1083	953	0.05%	0.007%
93	14.610	2212	2214	2220	rBV3	859	1150	0.06%	0.009%
94	15.157	2303	2307	2310	rVB4	3967	4964	0.25%	0.038%
95	15.386	2345	2346	2347	rBV	1368	651	0.03%	0.005%
96	15.410	2347	2350	2354	rVB4	3752	5774	0.30%	0.044%
97	15.457	2357	2358	2359	rBV	1357	657	0.03%	0.005%
98	15.651	2389	2391	2393	rVB2	1044	676	0.03%	0.005%
99	15.675	2393	2395	2396	rBV	1353	1145	0.06%	0.009%
100	15.816	2418	2419	2420	rBV	1161	508	0.03%	0.004%

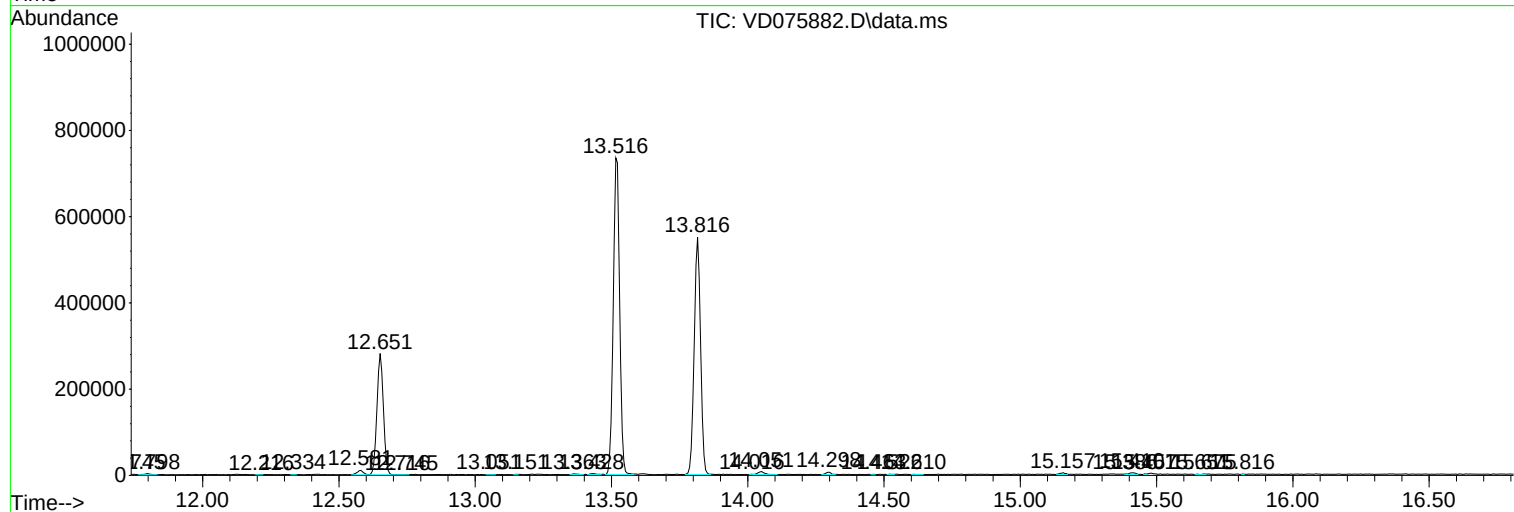
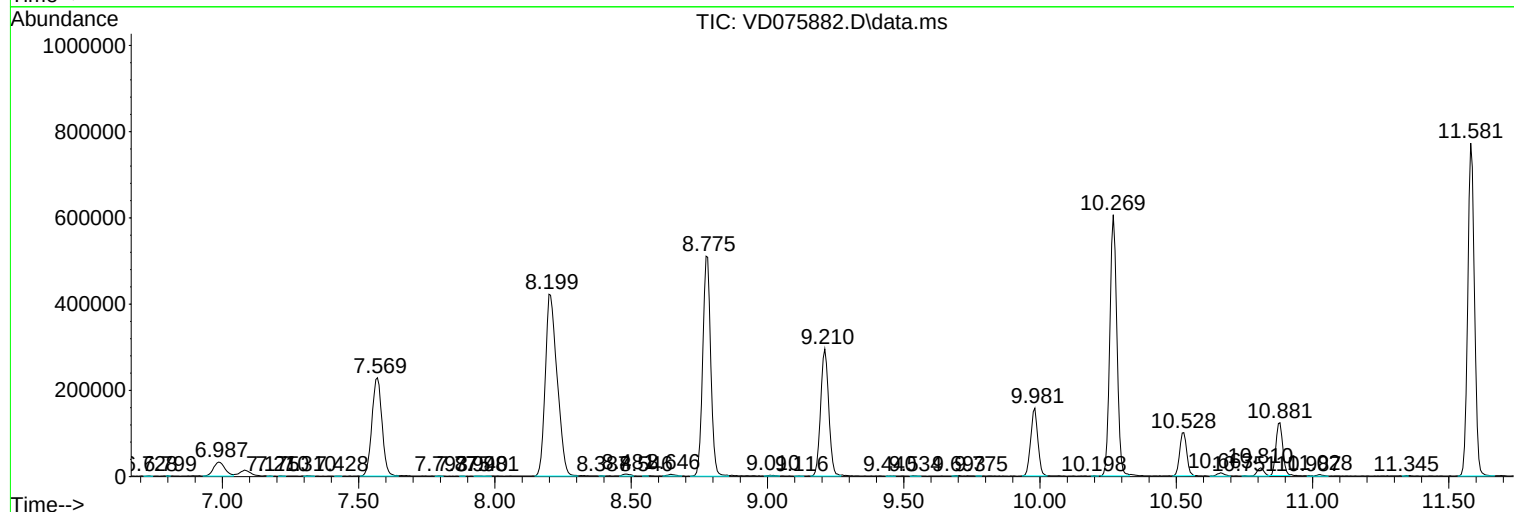
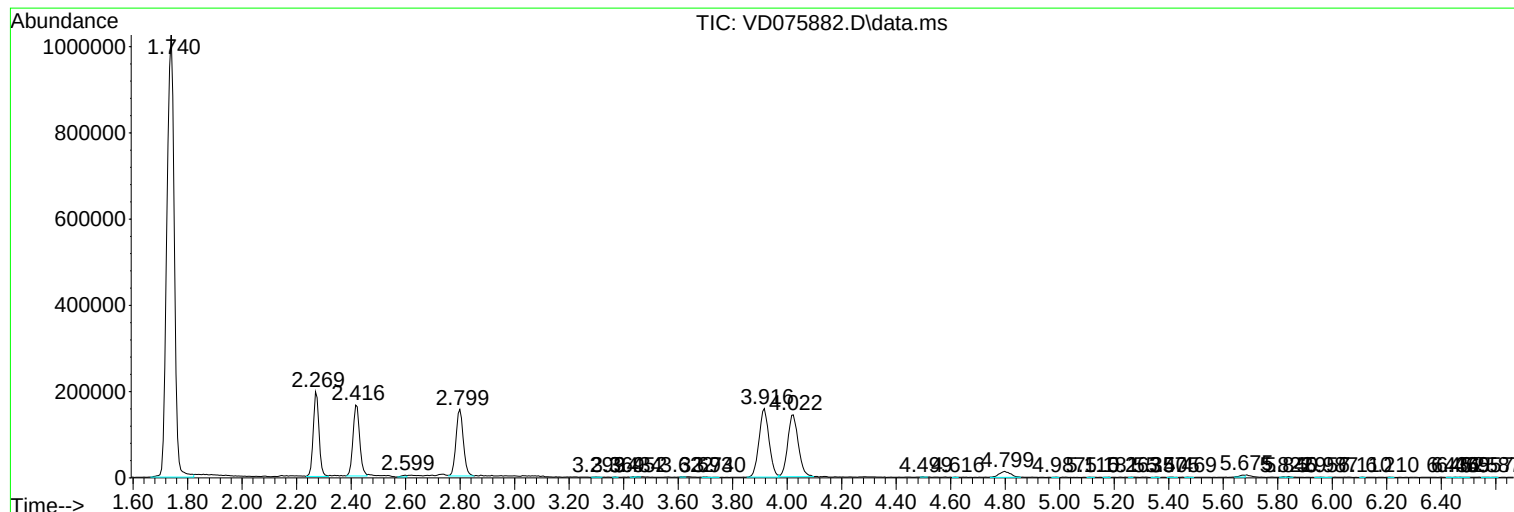
Sum of corrected areas: 13045803

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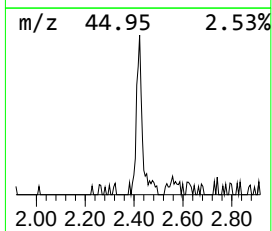
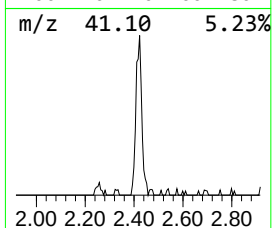
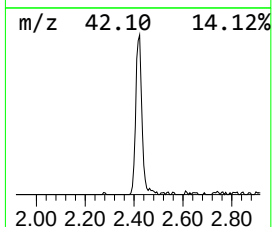
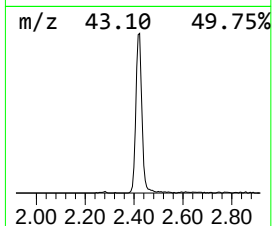
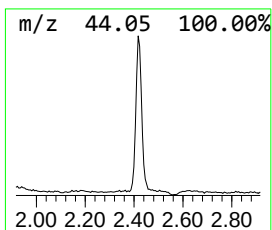
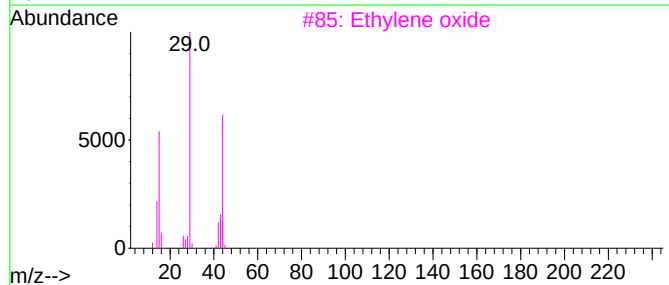
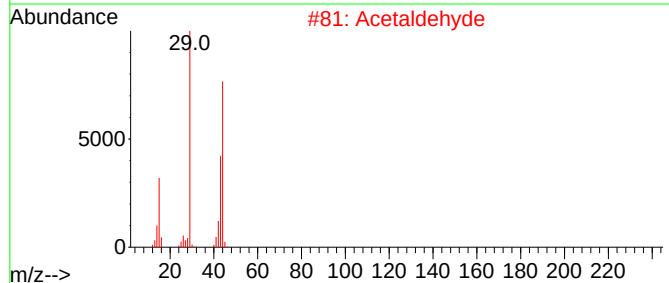
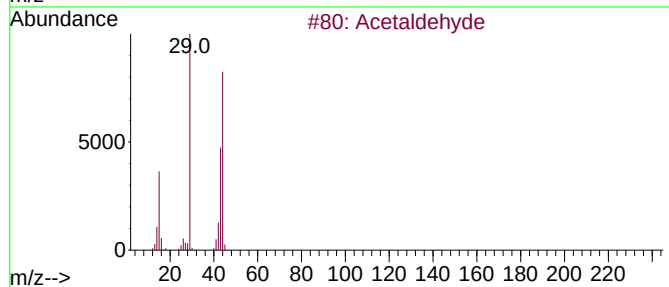
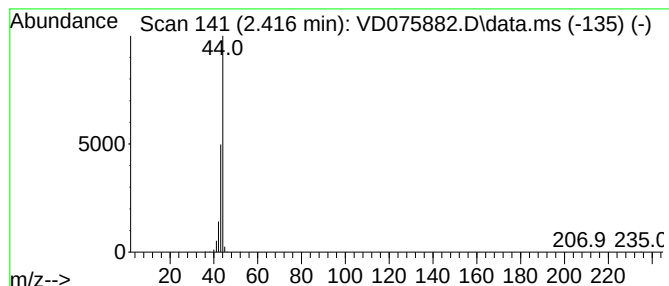
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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	6.66 ug/L	278441	1,4-Difluorobenzene	8.781

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	6.7	ug/L	278441	1	8.781	1045970	25.0