

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075985.D
 Acq On : 03 May 2023 16:57
 Operator : KP/SY
 Sample : 02593-07
 Misc : 5.44G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCJ1

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\SFAMDL042023SMA.M
 Title : SFAM01.0

Signal : TIC: VD075985.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.617	3	5	8	rBV3	555	827	0.05%	0.008%
2	1.740	12	26	38	rBV	848548	1639102	100.00%	15.664%
3	2.146	91	95	100	rBV2	2800	5539	0.34%	0.053%
4	2.270	111	116	128	rVB	148852	219759	13.41%	2.100%
5	2.417	137	141	153	rVB	51387	86626	5.28%	0.828%
6	2.587	167	170	172	rBV2	2261	2927	0.18%	0.028%
7	2.799	199	206	213	rBV	130294	233970	14.27%	2.236%
8	3.334	295	297	298	rVB2	887	547	0.03%	0.005%
9	3.440	313	315	317	rBV	1080	562	0.03%	0.005%
10	3.458	317	318	320	rBV	773	582	0.04%	0.006%
11	3.734	364	365	368	rVB	977	635	0.04%	0.006%
12	3.917	386	396	406	rBV	121231	319031	19.46%	3.049%
13	4.022	407	414	426	rVV2	20037	56708	3.46%	0.542%
14	4.099	426	427	431	rVV2	986	865	0.05%	0.008%
15	4.152	434	436	438	rVB2	766	538	0.03%	0.005%
16	4.205	442	445	447	rVB2	834	810	0.05%	0.008%
17	4.234	447	450	451	rBV	902	740	0.05%	0.007%
18	4.322	463	465	467	rBV2	1059	745	0.05%	0.007%
19	4.417	478	481	483	rBV2	453	530	0.03%	0.005%
20	4.799	536	546	556	rVV3	14419	42068	2.57%	0.402%
21	4.969	574	575	579	rBV	591	625	0.04%	0.006%
22	5.028	582	585	586	rBV2	486	555	0.03%	0.005%
23	5.069	590	592	595	rVB2	669	578	0.04%	0.006%
24	5.299	629	631	634	rVB	786	574	0.04%	0.005%
25	5.834	716	722	724	rBV3	2655	4641	0.28%	0.044%
26	5.899	731	733	736	rVB2	716	738	0.05%	0.007%
27	5.928	736	738	742	rBV2	624	611	0.04%	0.006%
28	5.981	742	747	751	rBV2	1056	2081	0.13%	0.020%
29	6.040	754	757	759	rBV	933	959	0.06%	0.009%
30	6.258	793	794	797	rBV2	514	579	0.04%	0.006%
31	6.434	822	824	826	rBV2	690	625	0.04%	0.006%
32	6.628	855	857	859	rBV2	718	574	0.04%	0.005%
33	6.981	908	917	919	rBV2	35436	64918	3.96%	0.620%
34	7.134	941	943	945	rVB2	1128	724	0.04%	0.007%
35	7.216	955	957	960	rVB2	593	589	0.04%	0.006%
36	7.258	962	964	969	rVB2	683	890	0.05%	0.009%

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

37	7.428	991	993	995	rBV	873	627	0.04%	0.006%
38	7.499	1002	1005	1006	rBV2	614	555	0.03%	0.005%
39	7.569	1006	1017	1030	rVV	197913	504030	30.75%	4.817%
40	7.693	1037	1038	1042	rVB2	1536	891	0.05%	0.009%
41	7.781	1049	1053	1054	rBV	818	852	0.05%	0.008%
42	7.863	1064	1067	1071	rBV2	561	692	0.04%	0.007%
43	7.987	1085	1088	1089	rBV	837	605	0.04%	0.006%
44	8.116	1108	1110	1113	rBV2	653	608	0.04%	0.006%
45	8.205	1115	1125	1143	rVB2	357404	1073585	65.50%	10.259%
46	8.399	1156	1158	1159	rVB	795	532	0.03%	0.005%
47	8.422	1159	1162	1166	rBV2	1063	1619	0.10%	0.015%
48	8.552	1180	1184	1187	rVB2	685	929	0.06%	0.009%
49	8.610	1190	1194	1196	rBV2	1076	977	0.06%	0.009%
50	8.634	1196	1198	1200	rBV	573	666	0.04%	0.006%
51	8.705	1206	1210	1212	rBV	679	871	0.05%	0.008%
52	8.775	1214	1222	1236	rBV	434865	860135	52.48%	8.220%
53	9.016	1256	1263	1267	rBV5	2269	3851	0.23%	0.037%
54	9.157	1285	1287	1288	rBV	811	553	0.03%	0.005%
55	9.210	1288	1296	1307	rVV	251489	529504	32.30%	5.060%
56	9.287	1307	1309	1313	rVV3	1706	2169	0.13%	0.021%
57	9.346	1316	1319	1322	rVV2	624	719	0.04%	0.007%
58	9.734	1383	1385	1387	rBV	762	760	0.05%	0.007%
59	9.752	1387	1388	1390	rVV	996	764	0.05%	0.007%
60	9.916	1413	1416	1419	rBV2	674	949	0.06%	0.009%
61	9.981	1419	1427	1434	rBV	127578	238120	14.53%	2.276%
62	10.199	1462	1464	1467	rBV	1114	1287	0.08%	0.012%
63	10.269	1469	1476	1491	rVB	492718	866345	52.85%	8.279%
64	10.416	1499	1501	1505	rVB2	950	1035	0.06%	0.010%
65	10.451	1505	1507	1509	rBV	639	650	0.04%	0.006%
66	10.528	1513	1520	1526	rVV	90541	154777	9.44%	1.479%
67	10.663	1537	1543	1549	rBV2	6155	9720	0.59%	0.093%
68	10.810	1563	1568	1573	rBV4	5450	9023	0.55%	0.086%
69	10.881	1573	1580	1588	rVV	133700	230629	14.07%	2.204%
70	10.987	1597	1598	1601	rVB	1534	893	0.05%	0.009%
71	11.022	1601	1604	1609	rBV4	2378	4292	0.26%	0.041%
72	11.081	1612	1614	1617	rVB	658	625	0.04%	0.006%
73	11.151	1624	1626	1631	rBV2	730	922	0.06%	0.009%
74	11.581	1691	1699	1713	rBV	604088	1038657	63.37%	9.926%
75	11.757	1724	1729	1730	rBV2	1041	1305	0.08%	0.012%
76	12.193	1800	1803	1804	rBV2	1356	1021	0.06%	0.010%

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 Title : SFAM01.0

77	12.404	1837	1839	1840	rVV2	1202	930	0.06%	0.009%
78	12.440	1843	1845	1848	rBV2	853	987	0.06%	0.009%
79	12.469	1848	1850	1855	rVB2	918	910	0.06%	0.009%
80	12.581	1861	1869	1874	rBV3	9900	20835	1.27%	0.199%
81	12.651	1874	1881	1889	rVV	278248	463877	28.30%	4.433%
82	12.722	1891	1893	1898	rVB2	1529	2036	0.12%	0.019%
83	12.769	1898	1901	1906	rBV3	1014	1219	0.07%	0.012%
84	12.828	1909	1911	1912	rBV2	1114	794	0.05%	0.008%
85	13.087	1952	1955	1958	rBV2	1491	1807	0.11%	0.017%
86	13.163	1962	1968	1971	rBV4	2389	4090	0.25%	0.039%
87	13.210	1974	1976	1978	rBV2	771	833	0.05%	0.008%
88	13.257	1982	1984	1985	rBV	1369	689	0.04%	0.007%
89	13.322	1994	1995	1998	rVB2	931	667	0.04%	0.006%
90	13.375	1998	2004	2008	rBV5	3573	7311	0.45%	0.070%
91	13.522	2020	2029	2036	rBV	528682	860280	52.48%	8.221%
92	13.728	2062	2064	2066	rBV2	1106	1343	0.08%	0.013%
93	13.816	2072	2079	2088	rVB	494940	814548	49.69%	7.784%
94	14.051	2113	2119	2125	rVB	11659	18726	1.14%	0.179%
95	14.298	2155	2161	2167	rBV3	5340	7363	0.45%	0.070%
96	14.492	2192	2194	2195	rBV2	2038	1656	0.10%	0.016%
97	15.151	2304	2306	2307	rBV	1638	938	0.06%	0.009%
98	15.410	2347	2350	2357	rBV3	6450	10251	0.63%	0.098%
99	16.092	2464	2466	2467	rBV2	1169	699	0.04%	0.007%
100	16.334	2505	2507	2510	rBV2	1853	1484	0.09%	0.014%

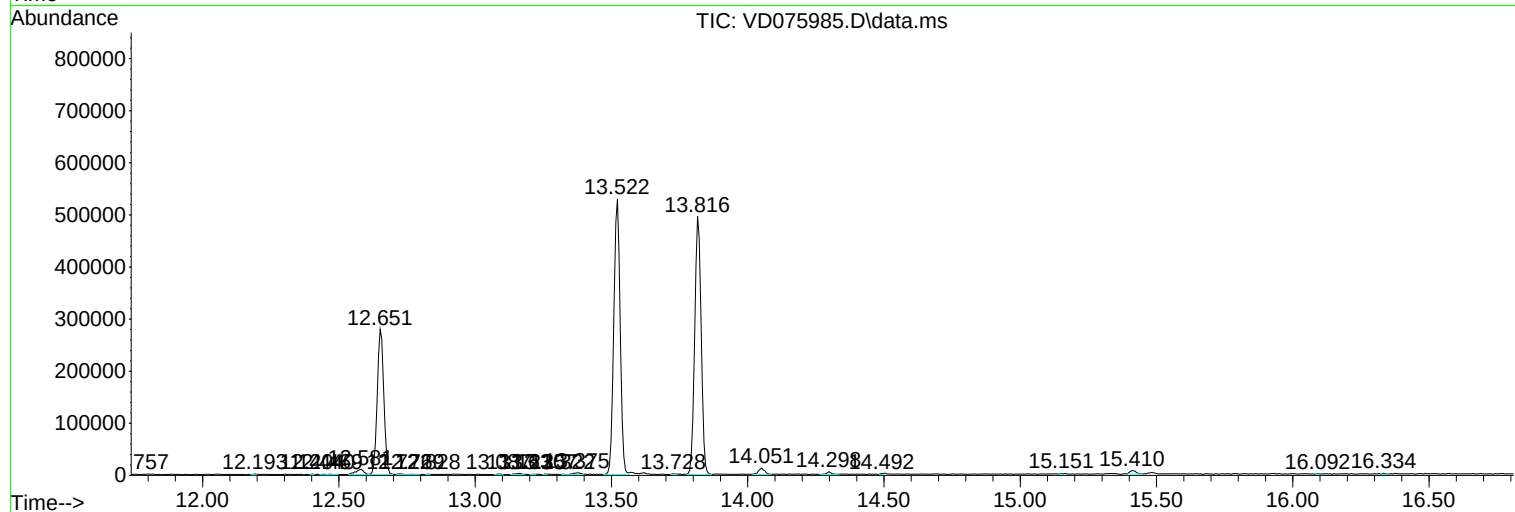
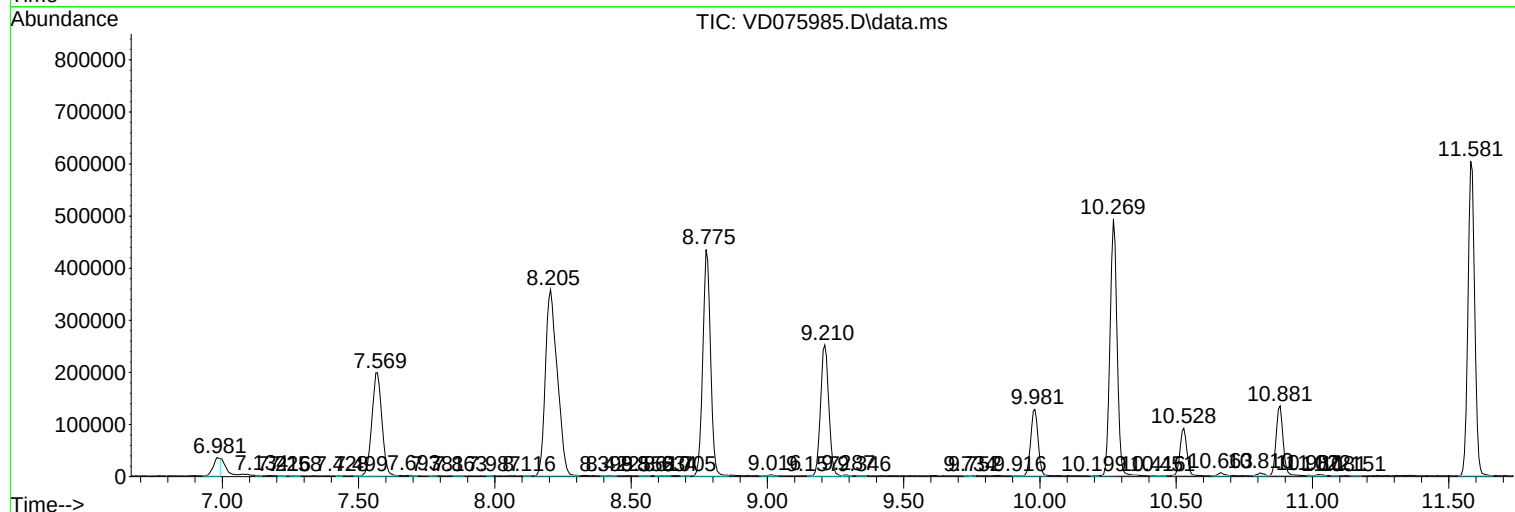
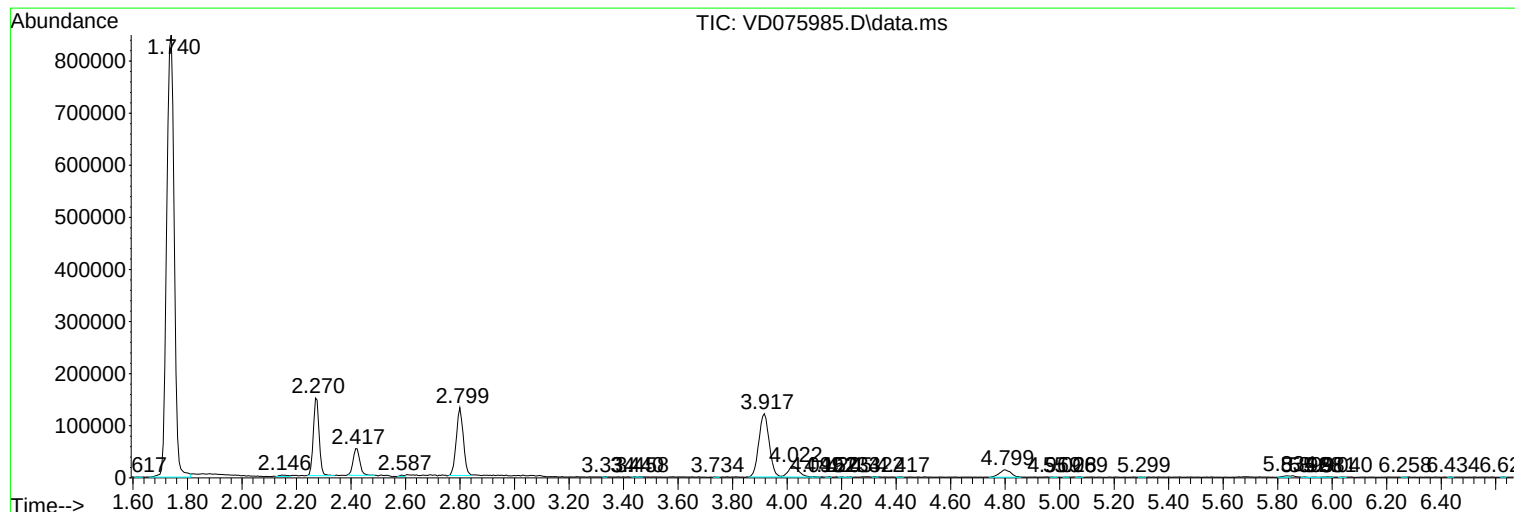
Sum of corrected areas: 10464389

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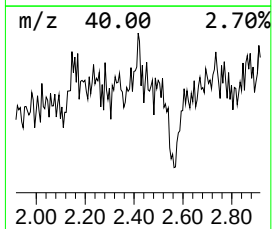
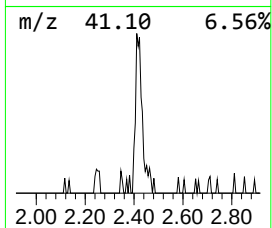
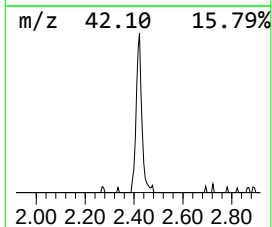
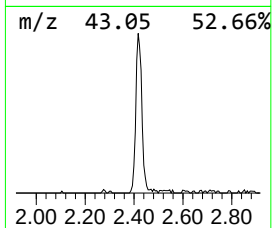
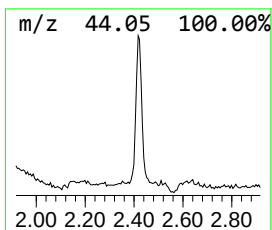
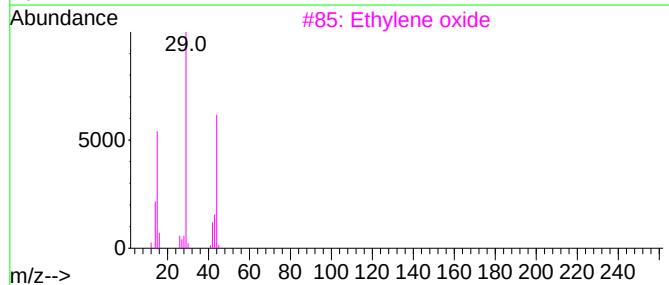
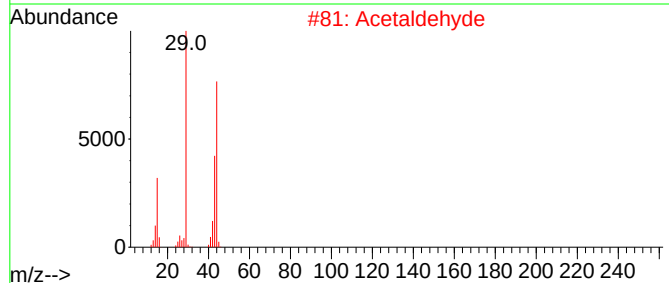
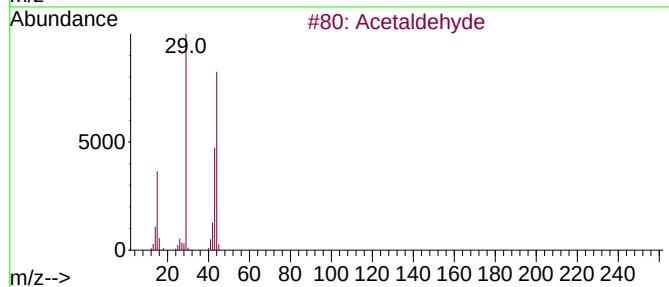
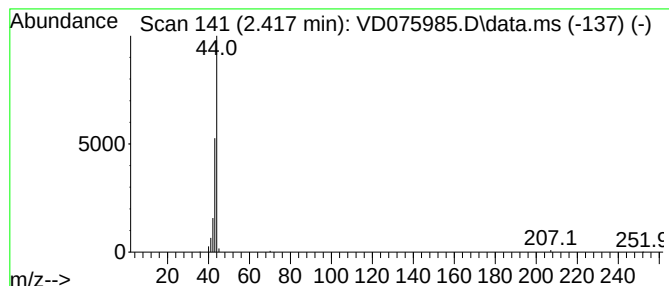
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.417	2.52 ug/L	86626	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	9
2			Acetaldehyde	44	C2H4O	000075-07-0	9
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	4



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.417	2.5	ug/L	86626	1	8.775	860135	25.0