

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075899.D
 Acq On : 28 Apr 2023 20:57
 Operator : KP/SY
 Sample : 02548-29
 Misc : 6.42G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCQ9

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: VD075899.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.681	12	16	19	rBV	1636	2546	0.54%	0.146%
2	1.734	19	25	41	rVV	256909	470067	100.00%	27.046%
3	1.917	54	56	57	rBV2	1128	622	0.13%	0.036%
4	2.146	93	95	96	rBV	2160	1396	0.30%	0.080%
5	2.275	112	117	122	rBV	14688	21830	4.64%	1.256%
6	2.423	137	142	147	rBV2	17017	27885	5.93%	1.604%
7	2.805	201	207	212	rBV	15000	27769	5.91%	1.598%
8	3.311	291	293	294	rBV	930	634	0.13%	0.036%
9	3.487	322	323	325	rVB	918	520	0.11%	0.030%
10	3.640	347	349	353	rVV3	480	801	0.17%	0.046%
11	3.917	388	396	405	rBV3	12783	33100	7.04%	1.904%
12	4.028	408	415	428	rVV	12600	33974	7.23%	1.955%
13	4.117	428	430	432	rVV2	586	621	0.13%	0.036%
14	4.181	440	441	443	rBV	891	659	0.14%	0.038%
15	4.522	498	499	504	rVB2	758	682	0.15%	0.039%
16	4.646	518	520	523	rBV2	712	835	0.18%	0.048%
17	4.787	538	544	545	rBV3	2563	3703	0.79%	0.213%
18	4.887	559	561	563	rVB2	891	610	0.13%	0.035%
19	4.916	563	566	567	rBV	659	639	0.14%	0.037%
20	4.999	577	580	581	rVB	898	765	0.16%	0.044%
21	5.028	581	585	586	rBV	505	746	0.16%	0.043%
22	5.140	601	604	607	rVV2	508	528	0.11%	0.030%
23	5.369	641	643	645	rVB2	626	523	0.11%	0.030%
24	5.416	648	651	652	rBV2	692	648	0.14%	0.037%
25	5.646	688	690	692	rVB2	725	528	0.11%	0.030%
26	5.675	692	695	698	rBV2	540	904	0.19%	0.052%
27	5.864	724	727	731	rBV2	563	814	0.17%	0.047%
28	6.058	759	760	763	rVB2	711	665	0.14%	0.038%
29	6.111	766	769	771	rVB2	607	543	0.12%	0.031%
30	6.140	771	774	777	rBV	976	831	0.18%	0.048%
31	6.287	795	799	803	rBV2	748	955	0.20%	0.055%
32	6.328	803	806	808	rBV	402	591	0.13%	0.034%
33	6.405	817	819	822	rVB	754	728	0.15%	0.042%
34	6.587	848	850	856	rVV2	413	549	0.12%	0.032%
35	6.828	889	891	895	rVB	581	626	0.13%	0.036%
36	6.893	899	902	904	rBV2	543	688	0.15%	0.040%

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

37	6.987	909	918	928	rBV	10977	30173	6.42%	1.736%
38	7.134	941	943	947	rVB	960	800	0.17%	0.046%
39	7.210	953	956	959	rBV2	582	878	0.19%	0.051%
40	7.569	1008	1017	1026	rBV2	25990	66104	14.06%	3.803%
41	7.663	1031	1033	1039	rBV	767	986	0.21%	0.057%
42	7.705	1039	1040	1043	rBV	686	543	0.12%	0.031%
43	7.875	1066	1069	1072	rBV	1085	1166	0.25%	0.067%
44	8.028	1092	1095	1096	rVB	663	576	0.12%	0.033%
45	8.075	1101	1103	1106	rVB2	858	901	0.19%	0.052%
46	8.099	1106	1107	1109	rBV	961	569	0.12%	0.033%
47	8.205	1116	1125	1138	rVV3	44523	140466	29.88%	8.082%
48	8.410	1158	1160	1162	rBV2	537	517	0.11%	0.030%
49	8.469	1168	1170	1172	rBV2	533	593	0.13%	0.034%
50	8.675	1202	1205	1206	rBV	814	801	0.17%	0.046%
51	8.693	1206	1208	1211	rVV2	940	993	0.21%	0.057%
52	8.775	1214	1222	1232	rVB	39539	82581	17.57%	4.751%
53	8.846	1232	1234	1237	rBV	1245	1037	0.22%	0.060%
54	8.875	1237	1239	1241	rBV2	634	550	0.12%	0.032%
55	9.210	1289	1296	1306	rVB3	34187	70972	15.10%	4.084%
56	9.287	1306	1309	1312	rBV2	869	1288	0.27%	0.074%
57	9.340	1317	1318	1323	rBV2	472	579	0.12%	0.033%
58	9.534	1349	1351	1352	rBV	572	563	0.12%	0.032%
59	9.752	1386	1388	1389	rVB2	1236	720	0.15%	0.041%
60	9.763	1389	1390	1392	rBV	672	561	0.12%	0.032%
61	9.981	1419	1427	1434	rVB2	17723	33069	7.03%	1.903%
62	10.087	1442	1445	1447	rBV2	655	580	0.12%	0.033%
63	10.269	1469	1476	1484	rVB	51344	89818	19.11%	5.168%
64	10.381	1492	1495	1500	rBV3	830	1227	0.26%	0.071%
65	10.457	1507	1508	1511	rVB	766	620	0.13%	0.036%
66	10.528	1514	1520	1527	rVB2	13721	23638	5.03%	1.360%
67	10.646	1537	1540	1541	rBV	1021	943	0.20%	0.054%
68	10.804	1565	1567	1568	rBV2	1603	1219	0.26%	0.070%
69	10.881	1574	1580	1588	rBV	29535	50635	10.77%	2.913%
70	11.022	1600	1604	1606	rBV3	1503	2145	0.46%	0.123%
71	11.210	1635	1636	1639	rBV2	626	506	0.11%	0.029%
72	11.251	1642	1643	1646	rVB	860	596	0.13%	0.034%
73	11.322	1653	1655	1657	rVB2	785	683	0.15%	0.039%
74	11.346	1657	1659	1661	rBV	614	624	0.13%	0.036%
75	11.581	1692	1699	1707	rBV	72894	122831	26.13%	7.067%
76	12.093	1784	1786	1792	rVB	887	1269	0.27%	0.073%

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

77	12.216	1805	1807	1811	rVB	1549	1452	0.31%	0.084%
78	12.263	1811	1815	1816	rBV2	494	558	0.12%	0.032%
79	12.410	1839	1840	1843	rVB2	824	588	0.13%	0.034%
80	12.581	1866	1869	1870	rBV3	765	588	0.13%	0.034%
81	12.651	1875	1881	1889	rVB	64226	109048	23.20%	6.274%
82	12.716	1889	1892	1893	rBV2	838	816	0.17%	0.047%
83	12.804	1903	1907	1909	rBV2	419	578	0.12%	0.033%
84	13.116	1958	1960	1962	rVB2	897	644	0.14%	0.037%
85	13.145	1962	1965	1966	rBV2	914	805	0.17%	0.046%
86	13.222	1974	1978	1979	rBV3	920	1063	0.23%	0.061%
87	13.522	2023	2029	2036	rVB	78535	124873	26.56%	7.185%
88	13.816	2073	2079	2086	rVB	67321	109717	23.34%	6.313%
89	14.228	2147	2149	2151	rBV2	1017	831	0.18%	0.048%
90	14.692	2227	2228	2230	rBV	961	645	0.14%	0.037%
91	14.792	2242	2245	2249	rVB2	1443	1976	0.42%	0.114%
92	14.898	2261	2263	2265	rVB2	1277	863	0.18%	0.050%
93	15.045	2286	2288	2290	rBV2	1187	919	0.20%	0.053%
94	15.369	2342	2343	2344	rBV	1242	519	0.11%	0.030%
95	15.428	2351	2353	2356	rBV	1208	1078	0.23%	0.062%
96	15.516	2366	2368	2369	rBV	1337	639	0.14%	0.037%
97	15.834	2420	2422	2425	rBV	1446	1167	0.25%	0.067%
98	15.863	2425	2427	2428	rVB	1148	614	0.13%	0.035%
99	16.157	2475	2477	2481	rBV2	1245	1052	0.22%	0.061%
100	16.657	2560	2562	2564	rBV2	1262	1134	0.24%	0.065%

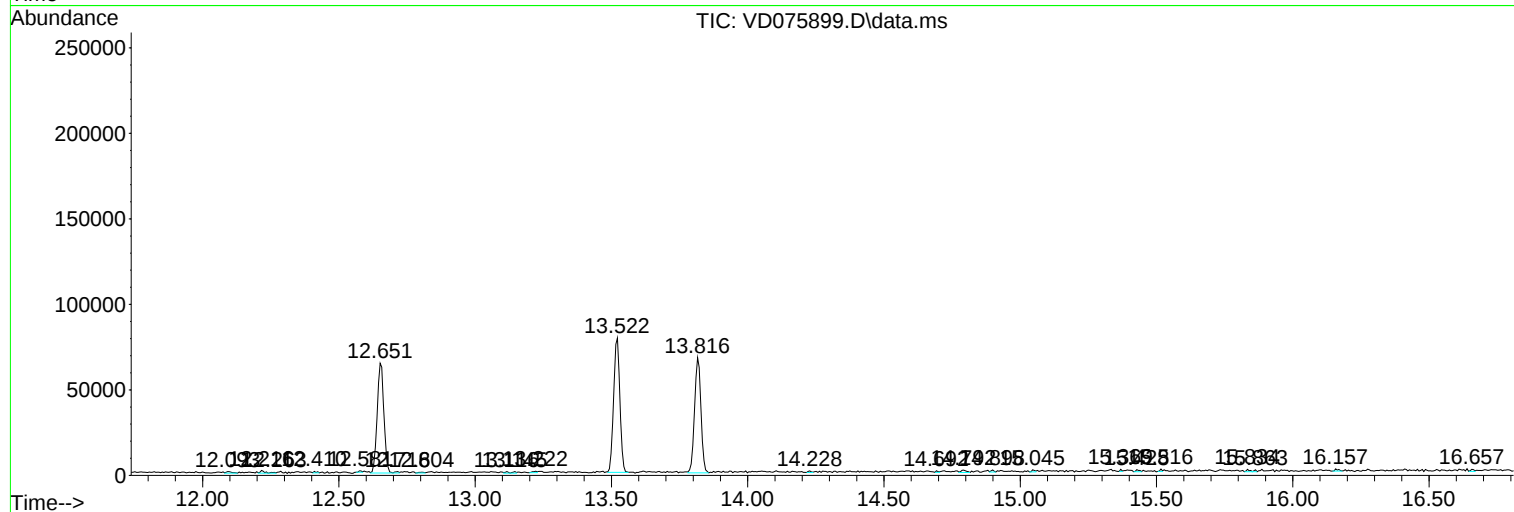
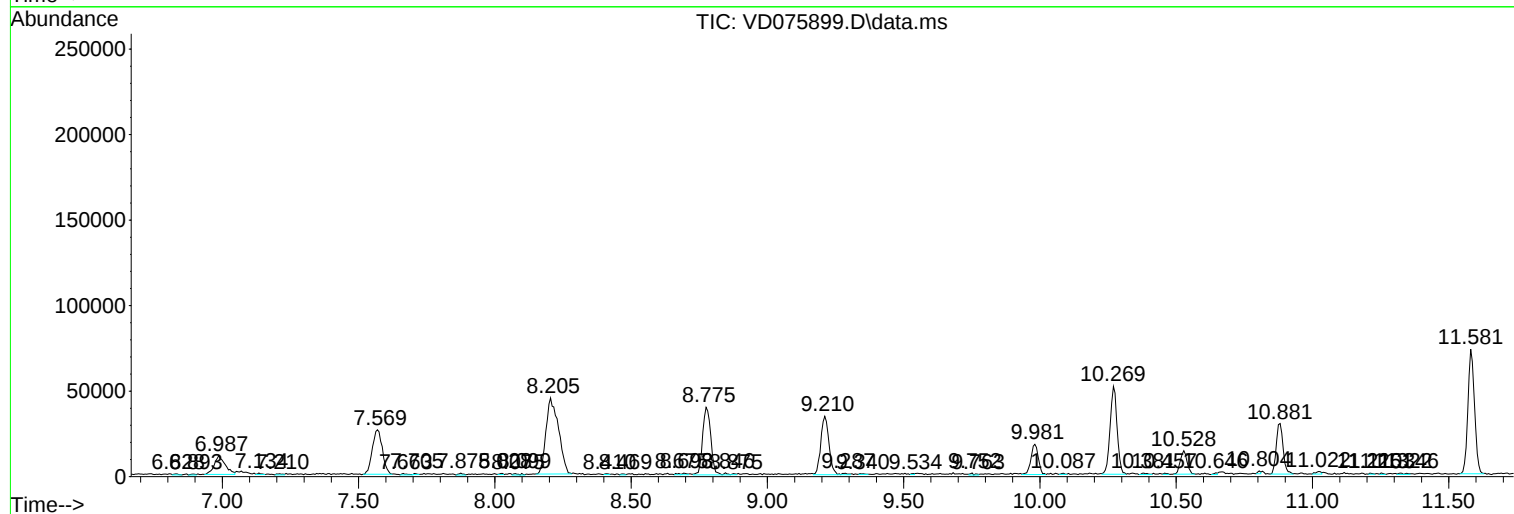
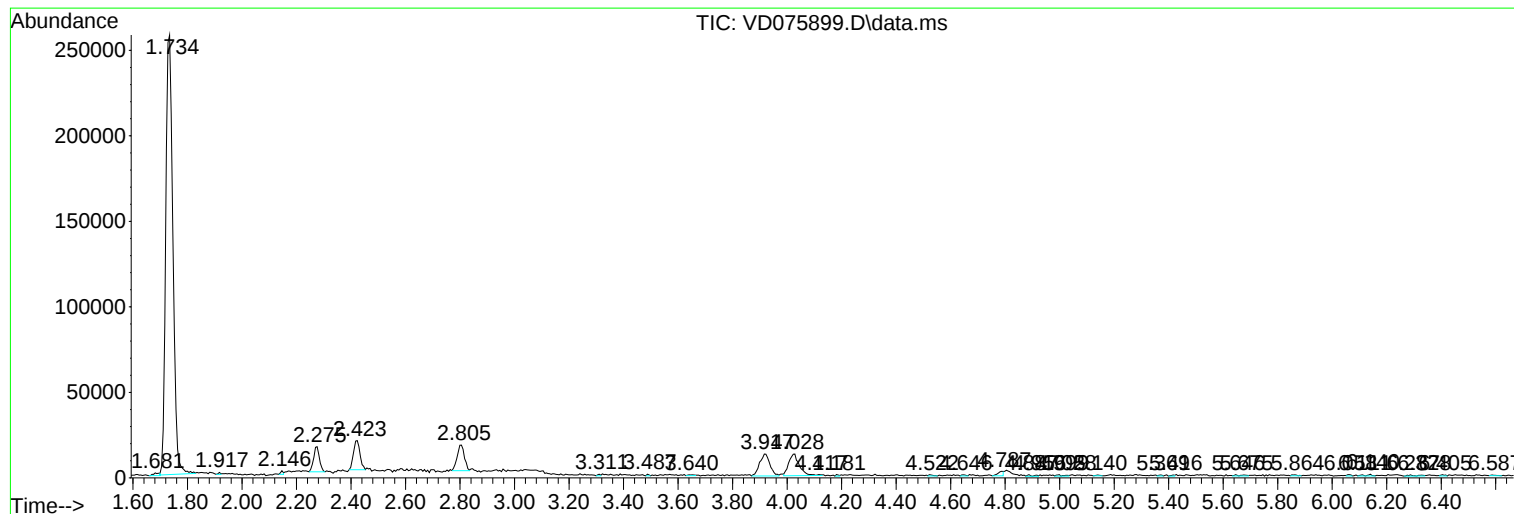
Sum of corrected areas: 1738012

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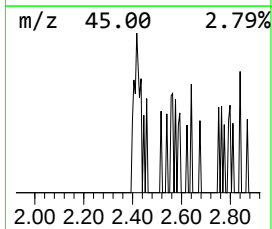
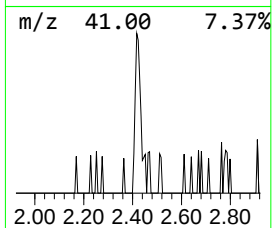
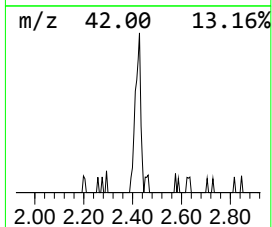
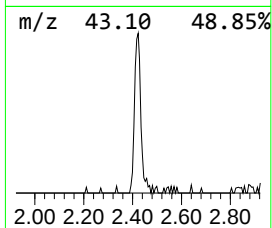
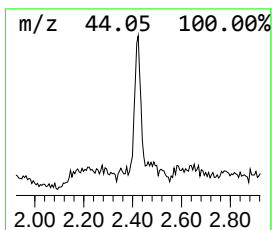
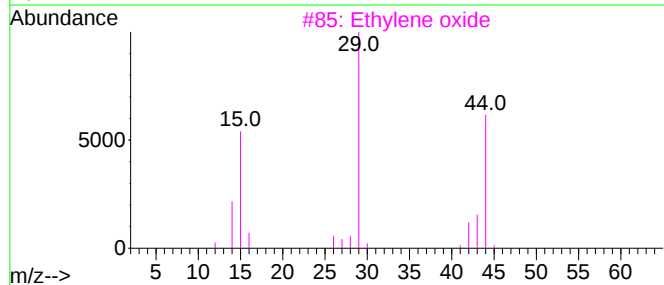
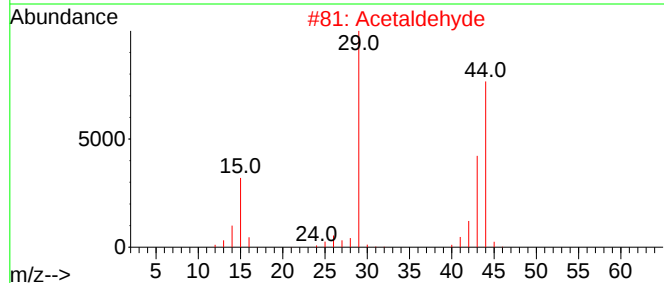
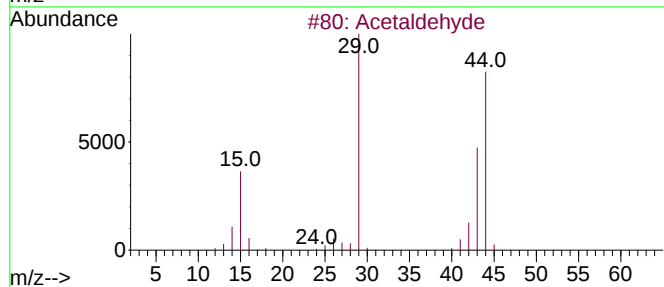
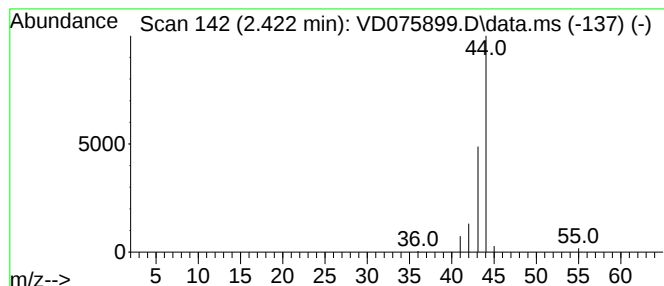
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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.
2.422	8.44 ug/L	27885	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			Ethyne, fluoro-	44	C2HF	002713-09-9	3



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.422	8.4	ug/L	27885	1	8.775	82581	25.0