

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042923\
 Data File : VD075927.D
 Acq On : 29 Apr 2023 20:16
 Operator : KP/SY
 Sample : 02548-42
 Misc : 5.66G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCS0MSD

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: VD075927.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	19	26	37	rVB	747796	1393806	100.00%	12.401%
2	2.270	111	116	125	rVB	167168	249963	17.93%	2.224%
3	2.417	137	141	149	rVB	24286	43118	3.09%	0.384%
4	2.581	166	169	171	rBV3	3210	3904	0.28%	0.035%
5	2.799	198	206	215	rBV	147778	274711	19.71%	2.444%
6	3.193	271	273	275	rBV2	975	876	0.06%	0.008%
7	3.299	290	291	292	rBV	809	405	0.03%	0.004%
8	3.399	307	308	309	rBV	725	340	0.02%	0.003%
9	3.616	343	345	347	rBV2	635	517	0.04%	0.005%
10	3.652	349	351	353	rBV2	470	474	0.03%	0.004%
11	3.758	367	369	371	rBV	764	1002	0.07%	0.009%
12	3.811	376	378	380	rVB	763	561	0.04%	0.005%
13	3.916	386	396	407	rBV	139144	365645	26.23%	3.253%
14	4.022	408	414	423	rVB	17891	47893	3.44%	0.426%
15	4.228	447	449	450	rBV	608	451	0.03%	0.004%
16	4.322	464	465	467	rBV	819	486	0.03%	0.004%
17	4.340	467	468	471	rVV	920	674	0.05%	0.006%
18	4.440	483	485	487	rBV2	542	418	0.03%	0.004%
19	4.481	490	492	494	rBV2	623	442	0.03%	0.004%
20	4.563	504	506	507	rVB2	770	450	0.03%	0.004%
21	4.593	507	511	514	rBV2	552	967	0.07%	0.009%
22	4.640	517	519	520	rBV	636	362	0.03%	0.003%
23	4.799	534	546	558	rBV3	14419	47386	3.40%	0.422%
24	4.946	570	571	573	rVB	1096	618	0.04%	0.005%
25	4.969	573	575	576	rBV	665	619	0.04%	0.006%
26	5.111	597	599	600	rVB	795	357	0.03%	0.003%
27	5.128	600	602	603	rVB	802	426	0.03%	0.004%
28	5.146	603	605	608	rBV2	1073	1099	0.08%	0.010%
29	5.175	608	610	611	rVB	799	387	0.03%	0.003%
30	5.228	618	619	622	rBV	656	726	0.05%	0.006%
31	5.593	678	681	682	rBV	778	573	0.04%	0.005%
32	5.699	697	699	700	rBV	799	411	0.03%	0.004%
33	5.763	709	710	713	rBV	717	416	0.03%	0.004%
34	5.822	717	720	721	rBV2	1994	1947	0.14%	0.017%
35	5.940	739	740	743	rVB	827	515	0.04%	0.005%
36	5.969	743	745	746	rBV2	511	374	0.03%	0.003%

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

37	6.234	788	790	792	rVB2	961	521	0.04%	0.005%
38	6.434	821	824	825	rBV2	587	531	0.04%	0.005%
39	6.587	849	850	854	rBV2	491	531	0.04%	0.005%
40	6.634	856	858	860	rBV	491	384	0.03%	0.003%

41	6.658	860	862	864	rBV2	740	724	0.05%	0.006%
42	6.775	880	882	883	rBV	730	452	0.03%	0.004%
43	6.805	885	887	888	rBV	1314	670	0.05%	0.006%
44	6.869	897	898	901	rVB	740	546	0.04%	0.005%
45	6.910	901	905	908	rBV2	498	730	0.05%	0.006%

46	6.987	908	918	928	rBV2	32983	98164	7.04%	0.873%
47	7.210	954	956	957	rBV	441	352	0.03%	0.003%
48	7.381	982	985	987	rBV	563	577	0.04%	0.005%
49	7.428	992	993	995	rBV	662	495	0.04%	0.004%
50	7.569	1005	1017	1030	rBV	236084	591757	42.46%	5.265%

51	7.722	1041	1043	1046	rVB2	1098	974	0.07%	0.009%
52	7.787	1052	1054	1057	rVB2	820	663	0.05%	0.006%
53	7.916	1074	1076	1077	rBV	755	433	0.03%	0.004%
54	8.028	1092	1095	1097	rBV2	634	646	0.05%	0.006%
55	8.063	1099	1101	1102	rBV	785	460	0.03%	0.004%

56	8.204	1114	1125	1141	rBV2	418979	1255061	90.05%	11.166%
57	8.446	1164	1166	1168	rBV	461	417	0.03%	0.004%
58	8.463	1168	1169	1171	rVB2	727	385	0.03%	0.003%
59	8.634	1196	1198	1201	rVB2	799	613	0.04%	0.005%
60	8.775	1214	1222	1233	rBV	415689	831554	59.66%	7.398%

61	8.946	1249	1251	1253	rVB2	1147	916	0.07%	0.008%
62	9.051	1268	1269	1272	rBV	760	603	0.04%	0.005%
63	9.210	1287	1296	1307	rBV	297293	616510	44.23%	5.485%
64	9.346	1316	1319	1320	rVB2	1257	1007	0.07%	0.009%
65	9.499	1343	1345	1350	rVB2	731	751	0.05%	0.007%

66	9.699	1375	1379	1384	rVB5	4899	8658	0.62%	0.077%
67	9.922	1414	1417	1419	rBV2	827	939	0.07%	0.008%
68	9.981	1419	1427	1435	rVV	148419	279178	20.03%	2.484%
69	10.146	1453	1455	1458	rBV2	691	693	0.05%	0.006%
70	10.187	1460	1462	1465	rVB2	1197	1133	0.08%	0.010%

71	10.269	1468	1476	1484	rBV	590468	1034515	74.22%	9.204%
72	10.528	1513	1520	1529	rBV	104948	177583	12.74%	1.580%
73	10.663	1538	1543	1553	rVB2	10413	18801	1.35%	0.167%
74	10.734	1553	1555	1556	rBV	769	393	0.03%	0.003%
75	10.804	1565	1567	1568	rBV	1059	462	0.03%	0.004%

76	10.881	1573	1580	1592	rBV	129736	228533	16.40%	2.033%
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 Title : SFAM01.0

77	11.028	1602	1605	1611	rVB3	2610	4102	0.29%	0.036%
78	11.581	1692	1699	1711	rBV	639889	1111316	79.73%	9.887%
79	11.716	1721	1722	1724	rBV	726	654	0.05%	0.006%
80	12.004	1769	1771	1772	rBV	702	461	0.03%	0.004%
81	12.528	1859	1860	1861	rBV	957	502	0.04%	0.004%
82	12.581	1862	1869	1874	rVV3	20933	36287	2.60%	0.323%
83	12.651	1874	1881	1889	rVB	284753	478451	34.33%	4.257%
84	12.757	1897	1899	1900	rBV2	915	660	0.05%	0.006%
85	13.034	1944	1946	1951	rBV2	898	1349	0.10%	0.012%
86	13.157	1965	1967	1971	rBV2	1456	1685	0.12%	0.015%
87	13.322	1993	1995	1997	rBV	972	888	0.06%	0.008%
88	13.363	2000	2002	2004	rBV2	1878	2040	0.15%	0.018%
89	13.434	2011	2014	2019	rBV3	2980	3395	0.24%	0.030%
90	13.522	2022	2029	2038	rBV	616390	1012613	72.65%	9.009%
91	13.616	2043	2045	2051	rVV4	10240	12879	0.92%	0.115%
92	13.675	2053	2055	2056	rVB2	1035	505	0.04%	0.004%
93	13.816	2071	2079	2089	rBV	568815	927021	66.51%	8.248%
94	14.045	2114	2118	2124	rVB2	16004	22671	1.63%	0.202%
95	14.298	2158	2161	2165	rBV6	2579	4422	0.32%	0.039%
96	14.487	2191	2193	2194	rBV3	1512	730	0.05%	0.006%
97	14.875	2258	2259	2263	rBV	1542	1484	0.11%	0.013%
98	15.257	2322	2324	2326	rBV	1543	1237	0.09%	0.011%
99	15.410	2348	2350	2357	rVB3	9280	11547	0.83%	0.103%
100	15.775	2410	2412	2413	rBV2	1925	1120	0.08%	0.010%

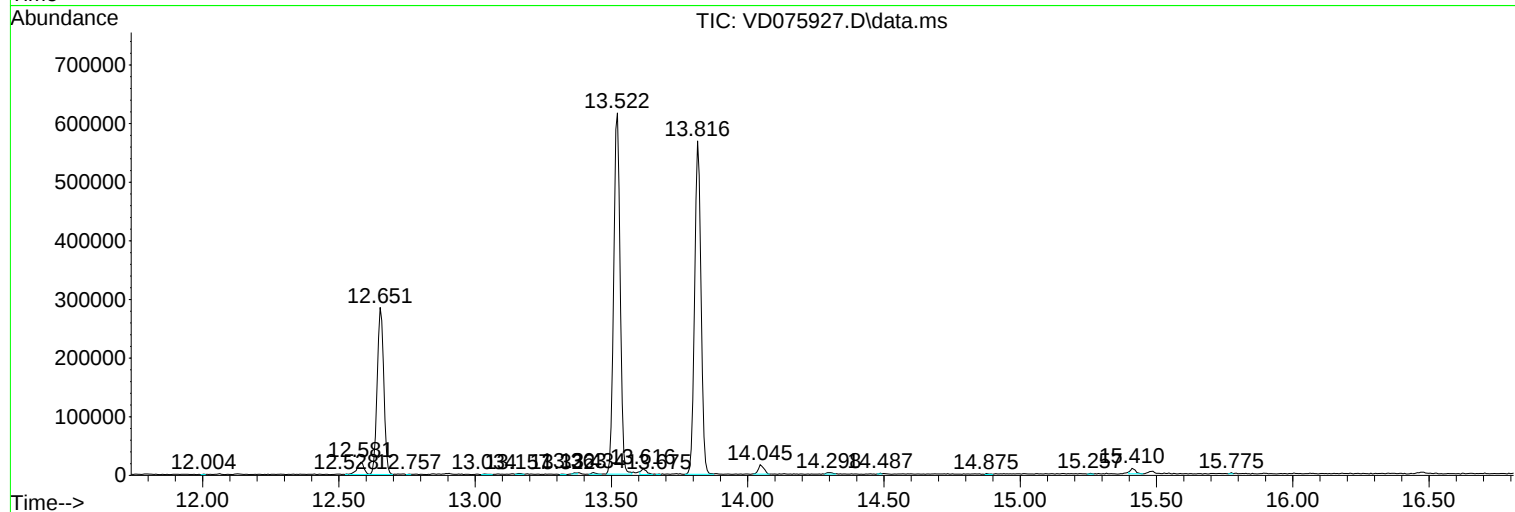
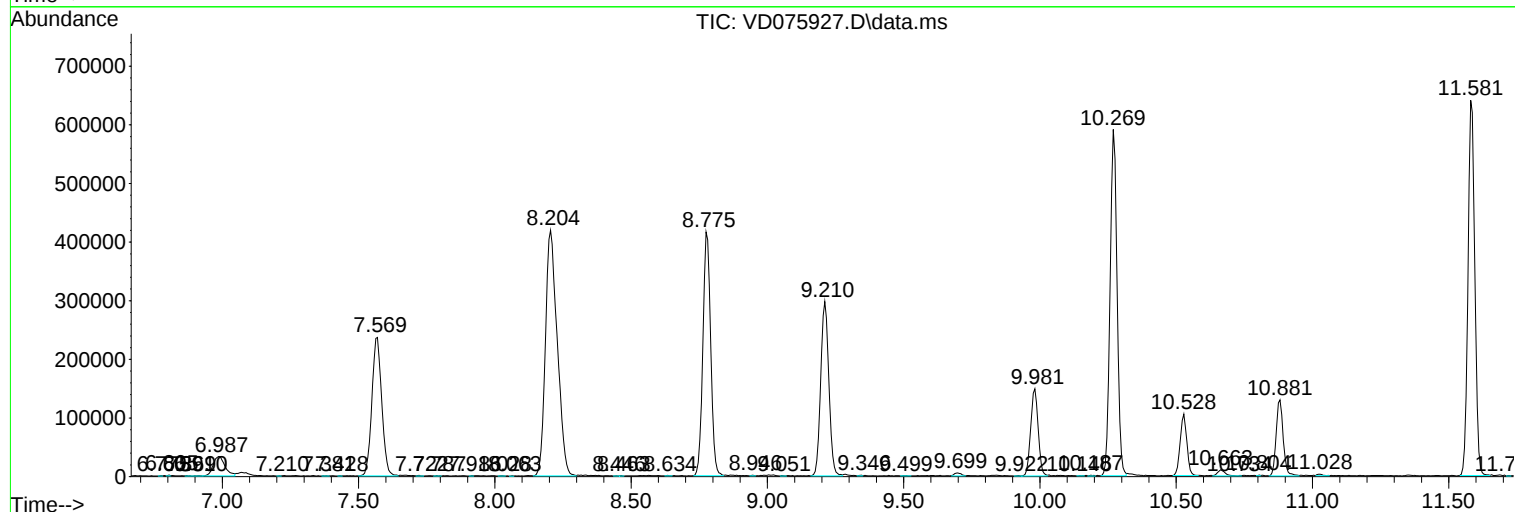
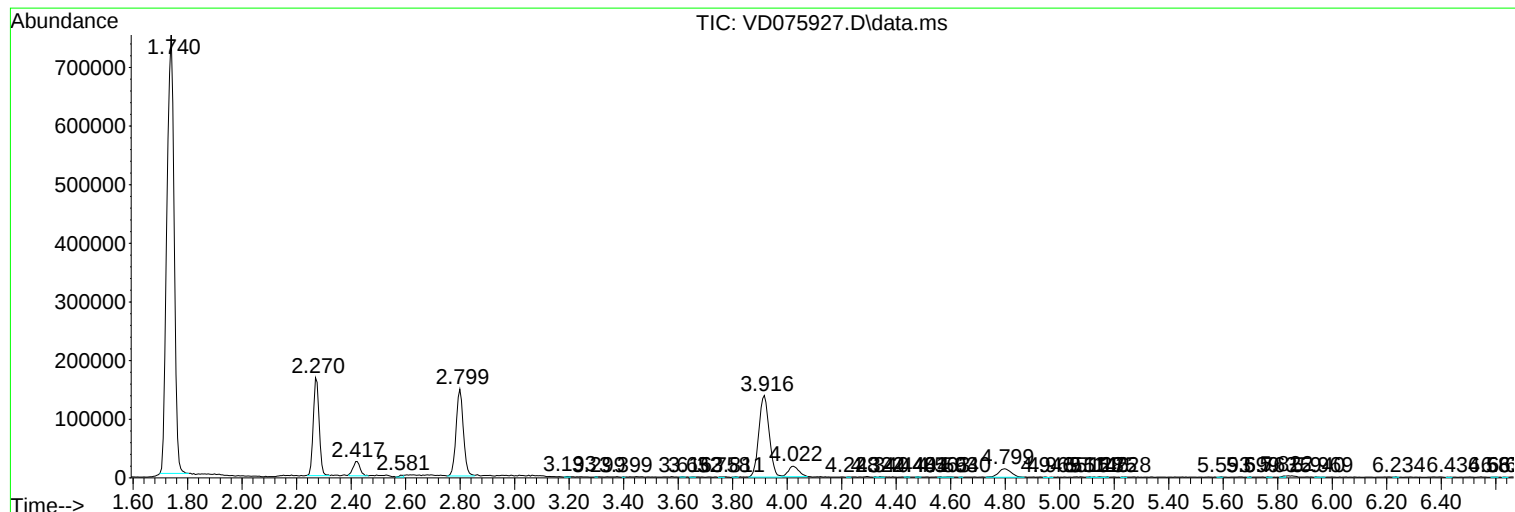
Sum of corrected areas: 11239653

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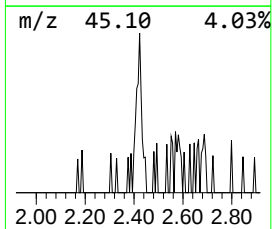
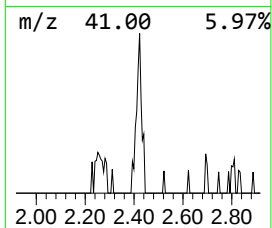
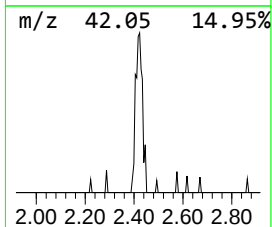
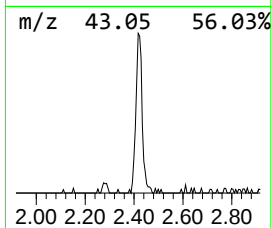
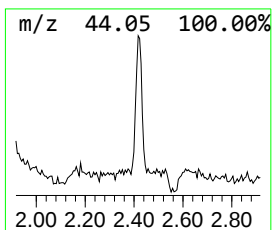
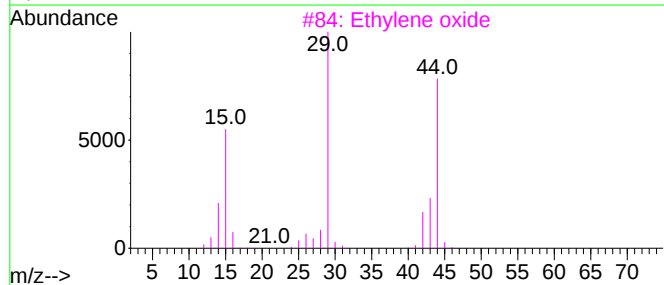
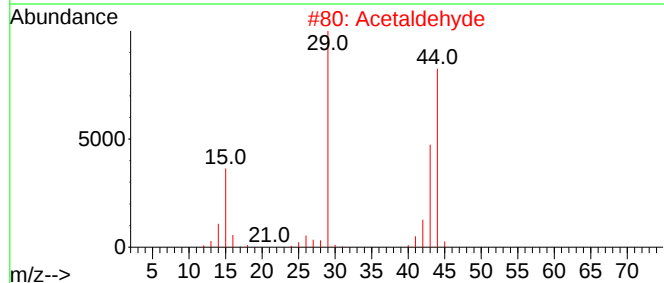
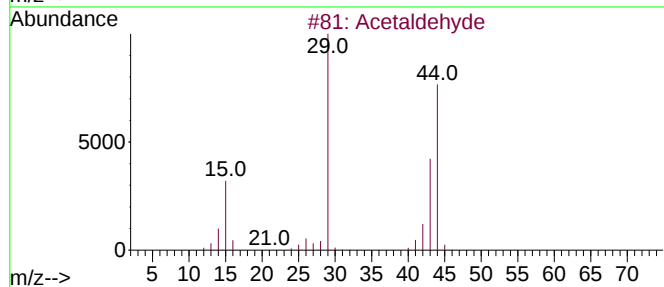
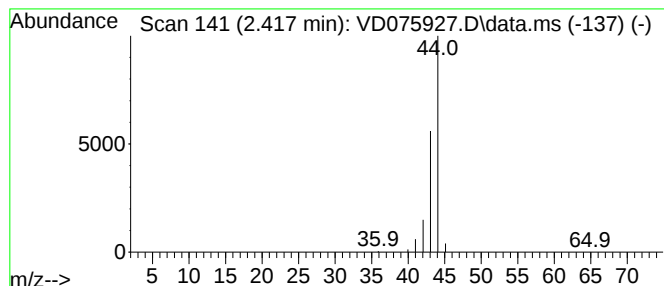
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Acetaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.417	1.30 ug/L	43118	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	83
2			Acetaldehyde	44	C2H4O	000075-07-0	83
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	1.3	ug/L	43118	1	8.775	831554	25.0