

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075966.D
 Acq On : 02 May 2023 16:03
 Operator : KP/SY
 Sample : 02564-21
 Misc : 5.88G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN2

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: VD075966.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.646	8	10	11	rBV2	785	658	0.04%	0.008%
2	1.687	11	17	20	rBV	397856	723765	47.77%	9.154%
3	1.728	20	24	35	rVB	922957	1515163	100.00%	19.163%
4	2.275	111	117	122	rBV	55576	81465	5.38%	1.030%
5	2.422	136	142	151	rVB	64428	107948	7.12%	1.365%
6	2.587	168	170	171	rBV	2055	1453	0.10%	0.018%
7	2.799	200	206	215	rVB	61164	113492	7.49%	1.435%
8	3.252	281	283	287	rVB2	775	852	0.06%	0.011%
9	3.287	287	289	290	rBV2	878	514	0.03%	0.007%
10	3.422	308	312	315	rBV	580	1088	0.07%	0.014%
11	3.499	324	325	331	rVB2	622	778	0.05%	0.010%
12	3.640	347	349	351	rVB2	659	540	0.04%	0.007%
13	3.664	351	353	354	rVB	889	555	0.04%	0.007%
14	3.681	354	356	357	rBV	614	631	0.04%	0.008%
15	3.793	372	375	377	rBV2	674	764	0.05%	0.010%
16	3.917	385	396	406	rBV2	49167	125593	8.29%	1.588%
17	4.022	406	414	425	rVB	26286	71179	4.70%	0.900%
18	4.152	434	436	438	rVV2	589	491	0.03%	0.006%
19	4.175	438	440	442	rVB	826	596	0.04%	0.008%
20	4.311	461	463	465	rVV2	635	496	0.03%	0.006%
21	4.334	465	467	468	rVV2	715	541	0.04%	0.007%
22	4.452	483	487	488	rBV2	569	801	0.05%	0.010%
23	4.805	538	547	559	rVB4	15595	47794	3.15%	0.604%
24	4.911	564	565	567	rBV	707	560	0.04%	0.007%
25	4.934	567	569	571	rVB	755	581	0.04%	0.007%
26	4.987	577	578	580	rBV2	711	507	0.03%	0.006%
27	5.134	601	603	607	rVB	1049	1279	0.08%	0.016%
28	5.164	607	608	611	rBV	662	822	0.05%	0.010%
29	5.411	649	650	653	rVB2	613	540	0.04%	0.007%
30	5.434	653	654	656	rBV	651	596	0.04%	0.008%
31	5.663	690	693	694	rBV2	1268	1241	0.08%	0.016%
32	5.734	703	705	707	rBV	509	673	0.04%	0.009%
33	5.822	717	720	721	rBV	882	621	0.04%	0.008%
34	6.034	753	756	757	rVV2	892	516	0.03%	0.007%
35	6.058	757	760	763	rVV2	546	717	0.05%	0.009%
36	6.175	776	780	781	rBV	575	613	0.04%	0.008%

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Integrator: RTE

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

37	6.305	801	802	804	rBV	743	629	0.04%	0.008%
38	6.434	821	824	827	rVB3	637	810	0.05%	0.010%
39	6.481	827	832	834	rBV3	690	936	0.06%	0.012%
40	6.563	844	846	848	rBV2	595	551	0.04%	0.007%
41	6.616	852	855	857	rBV2	713	778	0.05%	0.010%
42	6.669	860	864	866	rBV2	463	746	0.05%	0.009%
43	6.899	895	903	909	rBV2	1708	3773	0.25%	0.048%
44	6.987	909	918	930	rBV	34665	103464	6.83%	1.309%
45	7.252	961	963	965	rBV2	475	476	0.03%	0.006%
46	7.416	989	991	996	rBV	391	586	0.04%	0.007%
47	7.569	1007	1017	1026	rBV	121462	308847	20.38%	3.906%
48	8.087	1103	1105	1107	rVV2	633	597	0.04%	0.008%
49	8.205	1115	1125	1143	rVV2	204199	661887	43.68%	8.371%
50	8.481	1170	1172	1175	rVB2	523	490	0.03%	0.006%
51	8.628	1195	1197	1198	rVB2	809	463	0.03%	0.006%
52	8.716	1210	1212	1214	rVB	885	570	0.04%	0.007%
53	8.775	1214	1222	1235	rBV	205157	427198	28.19%	5.403%
54	8.975	1252	1256	1259	rVB2	958	1249	0.08%	0.016%
55	9.010	1259	1262	1266	rBV2	1261	1527	0.10%	0.019%
56	9.057	1268	1270	1272	rBV2	744	460	0.03%	0.006%
57	9.110	1277	1279	1281	rVB2	1048	818	0.05%	0.010%
58	9.134	1281	1283	1284	rBV2	714	607	0.04%	0.008%
59	9.210	1288	1296	1306	rBV	172424	347124	22.91%	4.390%
60	9.316	1312	1314	1316	rVV	735	476	0.03%	0.006%
61	9.334	1316	1317	1319	rVB	1328	752	0.05%	0.010%
62	9.357	1319	1321	1322	rBV	857	590	0.04%	0.007%
63	9.646	1368	1370	1372	rVB2	1074	623	0.04%	0.008%
64	9.934	1417	1419	1420	rBV	857	747	0.05%	0.009%
65	9.981	1420	1427	1439	rVV	91942	171689	11.33%	2.171%
66	10.063	1439	1441	1445	rVB3	1023	1256	0.08%	0.016%
67	10.134	1450	1453	1454	rBV2	608	535	0.04%	0.007%
68	10.269	1468	1476	1487	rBV	252090	455668	30.07%	5.763%
69	10.404	1497	1499	1502	rBV2	979	622	0.04%	0.008%
70	10.528	1512	1520	1529	rBV	71239	126496	8.35%	1.600%
71	10.593	1529	1531	1532	rBV2	814	634	0.04%	0.008%
72	10.651	1539	1541	1543	rBV	1053	1084	0.07%	0.014%
73	10.881	1573	1580	1589	rBV	134151	232049	15.32%	2.935%
74	10.963	1592	1594	1596	rVB2	1294	902	0.06%	0.011%
75	11.075	1612	1613	1616	rVB2	715	492	0.03%	0.006%
76	11.328	1654	1656	1659	rBV2	825	957	0.06%	0.012%

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

77	11.581	1692	1699	1710	rVV	376958	642282	42.39%	8.123%
78	11.704	1717	1720	1723	rVB2	686	849	0.06%	0.011%
79	11.793	1731	1735	1739	rBV5	2707	4561	0.30%	0.058%
80	11.975	1765	1766	1770	rVB2	868	840	0.06%	0.011%
81	12.010	1770	1772	1773	rBV	845	782	0.05%	0.010%
82	12.434	1843	1844	1846	rBV2	749	575	0.04%	0.007%
83	12.540	1860	1862	1865	rBV2	952	1013	0.07%	0.013%
84	12.651	1874	1881	1891	rBV	260914	431525	28.48%	5.458%
85	12.740	1893	1896	1898	rBV	1058	1451	0.10%	0.018%
86	12.916	1924	1926	1928	rBV	660	512	0.03%	0.006%
87	13.310	1991	1993	1996	rBV2	858	812	0.05%	0.010%
88	13.351	1998	2000	2004	rVB3	826	1137	0.08%	0.014%
89	13.522	2022	2029	2037	rVB	339622	567212	37.44%	7.174%
90	13.575	2037	2038	2039	rBV	1452	526	0.03%	0.007%
91	13.816	2072	2079	2088	rVB	353681	575720	38.00%	7.281%
92	14.040	2115	2117	2120	rBV3	1389	1822	0.12%	0.023%
93	14.281	2157	2158	2159	rBV	1306	573	0.04%	0.007%
94	14.575	2204	2208	2211	rBV3	1031	1819	0.12%	0.023%
95	14.604	2211	2213	2216	rVV2	1114	1119	0.07%	0.014%
96	14.657	2220	2222	2226	rVB	1060	828	0.05%	0.010%
97	15.069	2291	2292	2293	rBV	1342	695	0.05%	0.009%
98	15.975	2444	2446	2448	rBV2	1127	964	0.06%	0.012%
99	16.057	2459	2460	2463	rVB3	1472	998	0.07%	0.013%
100	16.451	2525	2527	2530	rBV3	1394	1484	0.10%	0.019%

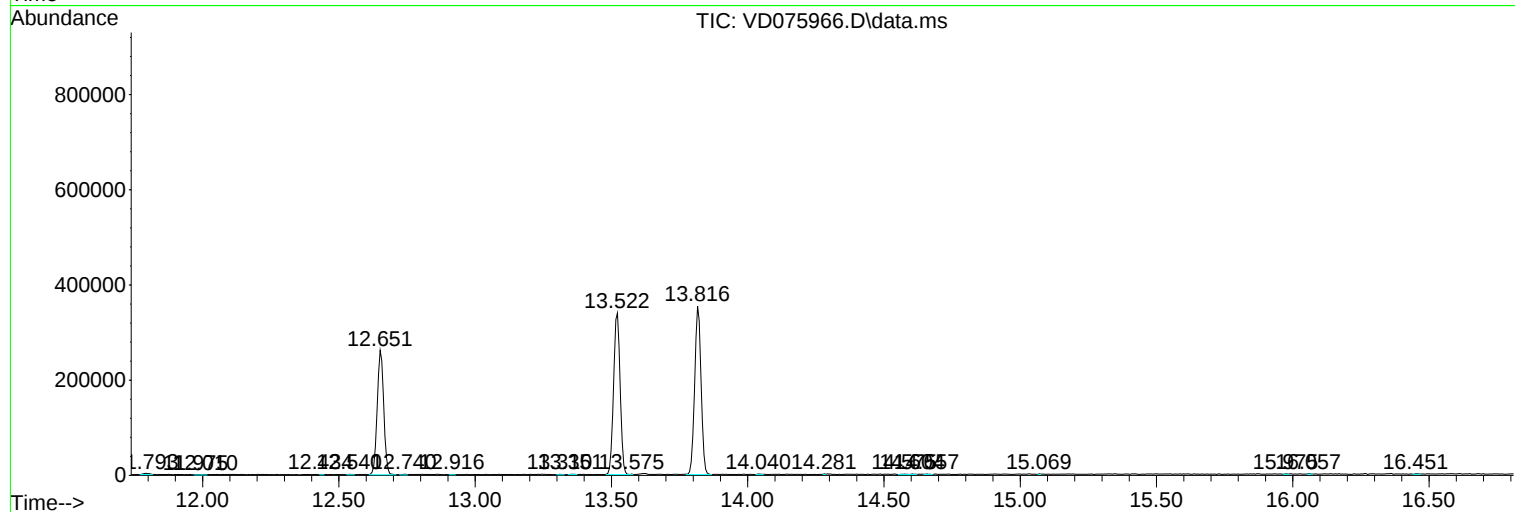
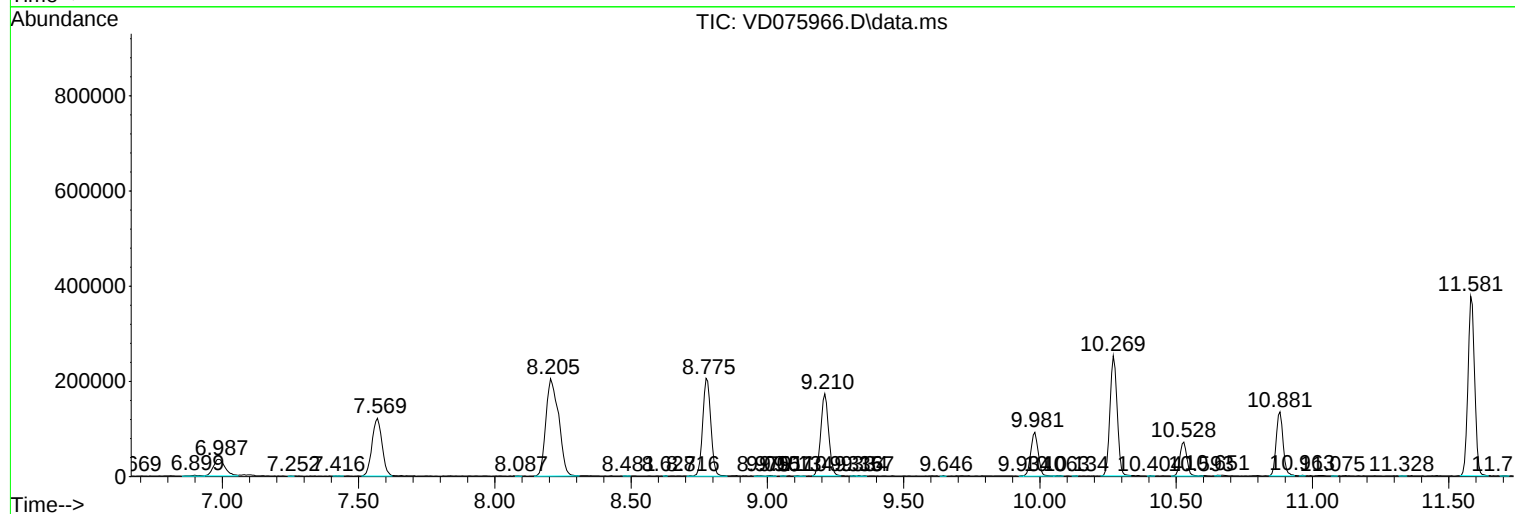
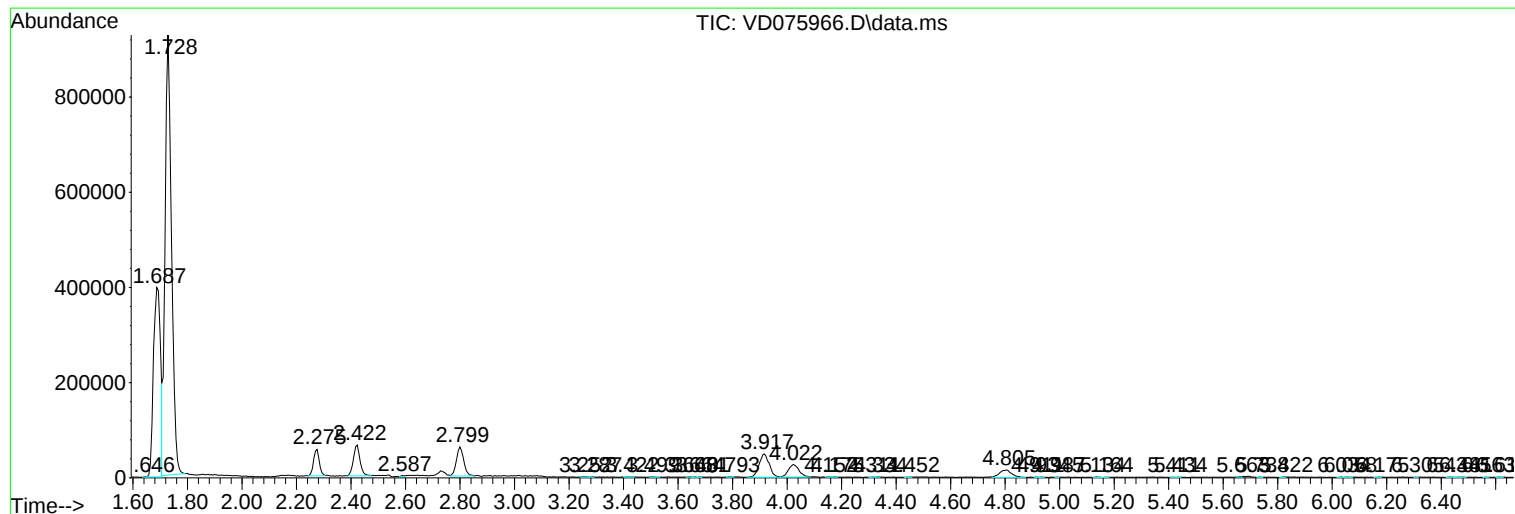
Sum of corrected areas: 7906680

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ALS Vial : 14 Sample Multiplier: 1

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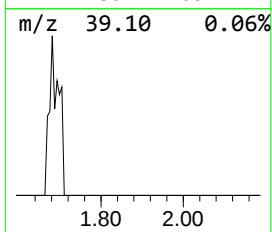
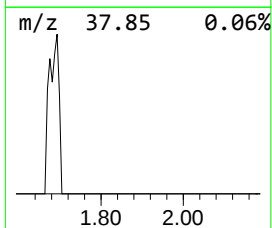
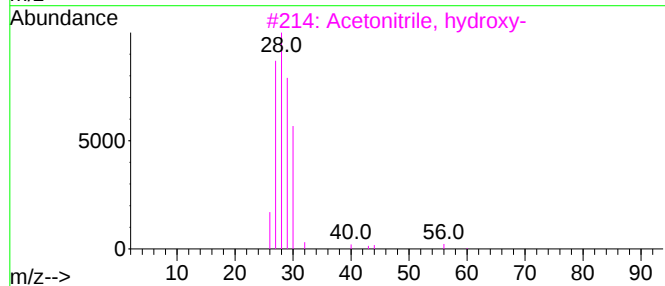
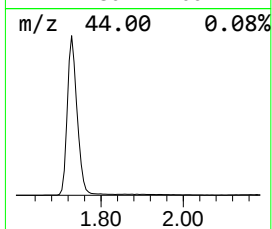
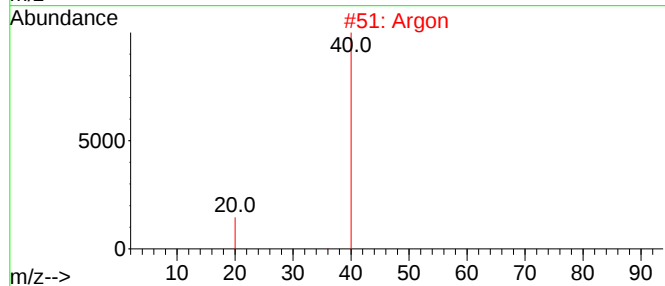
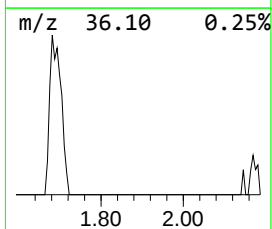
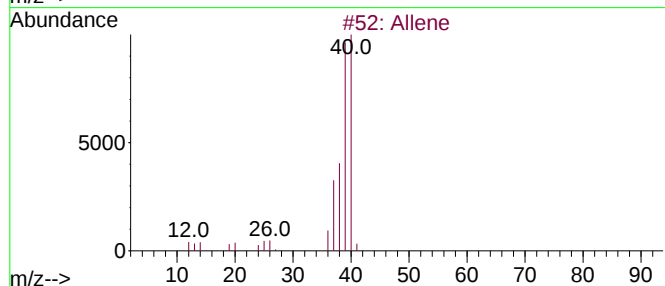
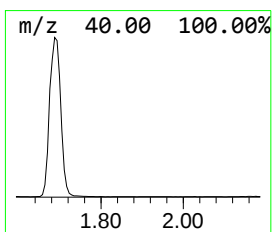
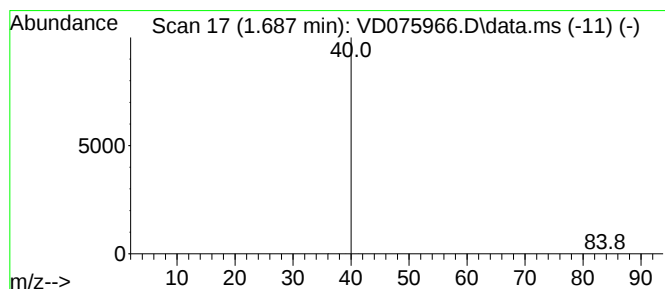
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.687	42.36 ug/L	723765	1,4-Difluorobenzene	8.781

Hit#	of	4	Tentative ID	MW	MolForm	CAS#	Qual
1	Allene			40	C3H4	000463-49-0	2
2	Argon			40	Ar	007440-37-1	2
3	Acetonitrile, hydroxy-			57	C2H3NO	000107-16-4	1
4	Ethane, nitro-			75	C2H5NO2	000079-24-3	1



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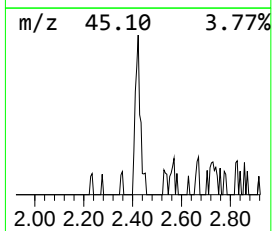
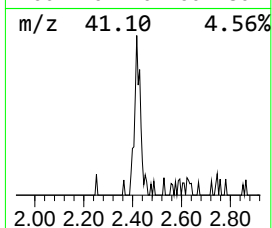
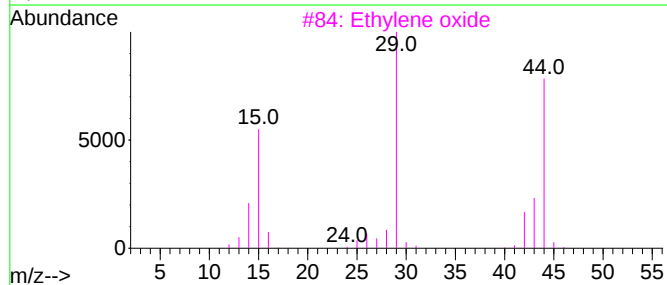
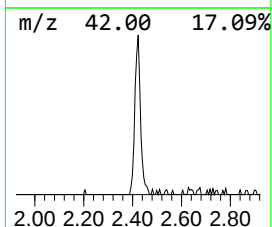
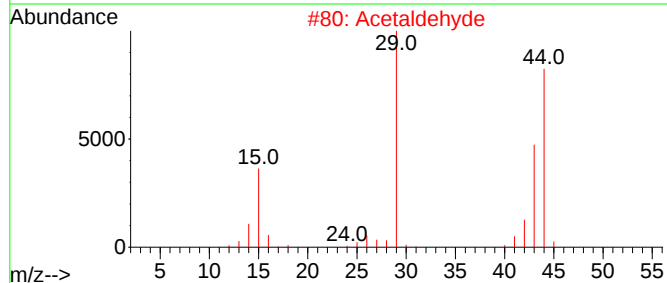
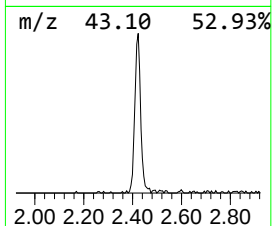
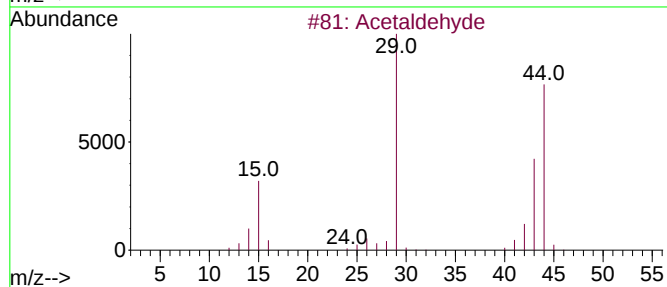
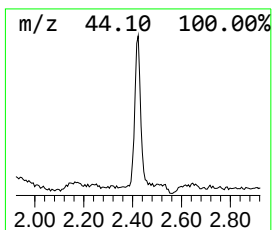
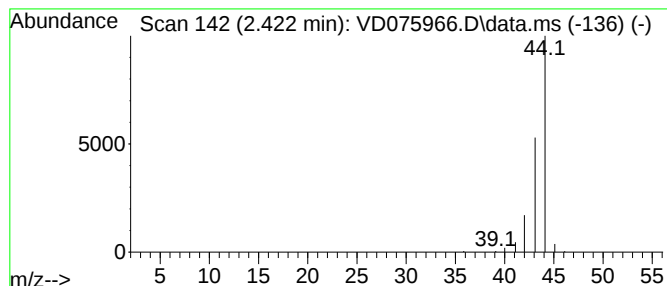
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.422	6.32 ug/L	107948	1,4-Difluorobenzene	8.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	83
2			Acetaldehyde	44	C2H4O	000075-07-0	74
3			Ethylene oxide	44	C2H4O	000075-21-8	9
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.687	42.4	ug/L	723765	1	8.781	427198	25.0
Acetaldehyde	2.422	6.3	ug/L	107948	1	8.781	427198	25.0