

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075904.D
 Acq On : 28 Apr 2023 23:22
 Operator : KP/SY
 Sample : 02548-34
 Misc : 5.91G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCR4

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: VD075904.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	12	26	40	rBV	1159499	2126661	100.00%	15.149%
2	2.093	84	86	87	rBV	1630	1138	0.05%	0.008%
3	2.275	111	117	124	rBV	167718	250026	11.76%	1.781%
4	2.422	135	142	152	rBV	201653	341522	16.06%	2.433%
5	2.799	200	206	214	rVB	140999	268259	12.61%	1.911%
6	3.340	295	298	299	rBV2	672	659	0.03%	0.005%
7	3.416	307	311	313	rBV2	628	771	0.04%	0.005%
8	3.458	313	318	323	rVB3	1652	3912	0.18%	0.028%
9	3.499	323	325	326	rBV2	780	638	0.03%	0.005%
10	3.634	342	348	352	rBV3	1639	2918	0.14%	0.021%
11	3.681	355	356	358	rBV	901	574	0.03%	0.004%
12	3.922	386	397	405	rBV	141476	371369	17.46%	2.645%
13	4.022	405	414	427	rVB	169439	461163	21.68%	3.285%
14	4.569	506	507	512	rBV	674	774	0.04%	0.006%
15	4.687	524	527	529	rBV2	649	707	0.03%	0.005%
16	4.799	537	546	561	rVB	26032	78164	3.68%	0.557%
17	4.940	569	570	574	rBV2	884	954	0.04%	0.007%
18	5.063	588	591	592	rBV	822	552	0.03%	0.004%
19	5.134	601	603	609	rBV3	806	1217	0.06%	0.009%
20	5.246	620	622	624	rBV2	545	556	0.03%	0.004%
21	5.293	628	630	632	rBV	508	478	0.02%	0.003%
22	5.381	643	645	646	rBV	1192	601	0.03%	0.004%
23	5.399	646	648	650	rBV	695	475	0.02%	0.003%
24	5.546	670	673	676	rVB2	626	773	0.04%	0.006%
25	5.675	687	695	696	rBV4	5672	10919	0.51%	0.078%
26	5.840	716	723	724	rBV4	1989	3355	0.16%	0.024%
27	6.040	755	757	762	rVB2	625	853	0.04%	0.006%
28	6.340	806	808	810	rVB	687	466	0.02%	0.003%
29	6.475	828	831	833	rBV2	506	518	0.02%	0.004%
30	6.534	839	841	843	rBV	669	502	0.02%	0.004%
31	6.569	845	847	850	rVB	541	513	0.02%	0.004%
32	6.616	853	855	859	rVB	481	597	0.03%	0.004%
33	6.869	896	898	900	rVB	819	586	0.03%	0.004%
34	6.893	900	902	905	rBV3	1292	1461	0.07%	0.010%
35	6.993	909	919	927	rBV	33672	96614	4.54%	0.688%
36	7.251	962	963	965	rBV	888	584	0.03%	0.004%

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Integrator: RTE

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

37	7.299	969	971	972	rBV	899	629	0.03%	0.004%
38	7.328	975	976	980	rVB	1372	1289	0.06%	0.009%
39	7.357	980	981	982	rBV	1170	602	0.03%	0.004%
40	7.375	982	984	986	rVB	628	443	0.02%	0.003%
41	7.569	1006	1017	1030	rBV	236934	582452	27.39%	4.149%
42	7.699	1038	1039	1042	rBV2	955	908	0.04%	0.006%
43	7.746	1045	1047	1049	rBV2	804	799	0.04%	0.006%
44	7.875	1065	1069	1073	rVV	770	962	0.05%	0.007%
45	8.040	1096	1097	1100	rBV2	488	452	0.02%	0.003%
46	8.204	1115	1125	1141	rVV2	418399	1268658	59.65%	9.037%
47	8.481	1165	1172	1182	rVB3	25903	61474	2.89%	0.438%
48	8.646	1194	1200	1207	rBV5	12168	25983	1.22%	0.185%
49	8.775	1213	1222	1237	rBV	482698	981079	46.13%	6.988%
50	9.028	1258	1265	1272	rVB2	27385	56822	2.67%	0.405%
51	9.104	1275	1278	1280	rBV	742	919	0.04%	0.007%
52	9.210	1288	1296	1306	rBV	305948	625488	29.41%	4.455%
53	9.345	1317	1319	1320	rBV2	2157	1777	0.08%	0.013%
54	9.840	1402	1403	1405	rVB	1358	535	0.03%	0.004%
55	9.863	1405	1407	1408	rBV	595	450	0.02%	0.003%
56	9.904	1412	1414	1417	rVB2	1038	730	0.03%	0.005%
57	9.981	1419	1427	1440	rBV	149951	277910	13.07%	1.980%
58	10.069	1440	1442	1444	rBV2	848	810	0.04%	0.006%
59	10.104	1446	1448	1449	rVB	957	451	0.02%	0.003%
60	10.128	1451	1452	1454	rBV	583	525	0.02%	0.004%
61	10.157	1456	1457	1459	rBV2	1147	789	0.04%	0.006%
62	10.269	1468	1476	1484	rBV	573413	1028630	48.37%	7.327%
63	10.422	1500	1502	1505	rBV2	1236	1209	0.06%	0.009%
64	10.528	1513	1520	1530	rBV	101844	172451	8.11%	1.228%
65	10.663	1538	1543	1548	rVB4	7472	13273	0.62%	0.095%
66	10.734	1554	1555	1557	rBV	804	524	0.02%	0.004%
67	10.810	1560	1568	1575	rBV	762280	1336391	62.84%	9.519%
68	10.881	1575	1580	1588	rVB	131988	221458	10.41%	1.577%
69	11.028	1600	1605	1612	rVB3	11296	19842	0.93%	0.141%
70	11.175	1628	1630	1633	rBV3	981	1134	0.05%	0.008%
71	11.222	1636	1638	1639	rBV	747	473	0.02%	0.003%
72	11.298	1650	1651	1653	rBV2	748	538	0.03%	0.004%
73	11.445	1674	1676	1677	rBV	572	524	0.02%	0.004%
74	11.581	1691	1699	1710	rBV	679044	1173342	55.17%	8.358%
75	11.692	1714	1718	1721	rVB2	1519	2110	0.10%	0.015%
76	11.751	1725	1728	1730	rBV2	1323	1263	0.06%	0.009%

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 Title : SFAM01.0

77	11.792	1730	1735	1740	rVB5	6077	10959	0.52%	0.078%
78	11.839	1740	1743	1746	rBV2	1005	1260	0.06%	0.009%
79	12.069	1780	1782	1786	rVV2	1228	918	0.04%	0.007%
80	12.128	1786	1792	1798	rVB4	5258	8687	0.41%	0.062%
81	12.581	1861	1869	1874	rVB3	12233	21381	1.01%	0.152%
82	12.651	1874	1881	1889	rBV	272131	457302	21.50%	3.257%
83	12.739	1895	1896	1897	rVB	1367	483	0.02%	0.003%
84	12.798	1904	1906	1907	rVB	849	452	0.02%	0.003%
85	13.063	1949	1951	1952	rBV	1066	622	0.03%	0.004%
86	13.263	1983	1985	1988	rBV2	909	718	0.03%	0.005%
87	13.375	2000	2004	2008	rBV2	2419	3694	0.17%	0.026%
88	13.428	2011	2013	2018	rBV5	1505	2225	0.10%	0.016%
89	13.522	2022	2029	2036	rBV	539397	878542	41.31%	6.258%
90	13.610	2042	2044	2050	rVB4	3617	4756	0.22%	0.034%
91	13.692	2057	2058	2060	rVB	1118	523	0.02%	0.004%
92	13.745	2065	2067	2068	rVB	898	454	0.02%	0.003%
93	13.816	2071	2079	2088	rBV	440381	725015	34.09%	5.164%
94	14.051	2115	2119	2129	rVB2	9389	14336	0.67%	0.102%
95	14.116	2129	2130	2132	rBV	717	535	0.03%	0.004%
96	14.592	2210	2211	2216	rBV2	783	1046	0.05%	0.007%
97	14.851	2253	2255	2258	rVB	1609	1395	0.07%	0.010%
98	15.475	2359	2361	2366	rBV3	2384	3676	0.17%	0.026%
99	15.722	2401	2403	2405	rBV2	1609	1180	0.06%	0.008%
100	16.398	2516	2518	2519	rBV	1269	654	0.03%	0.005%

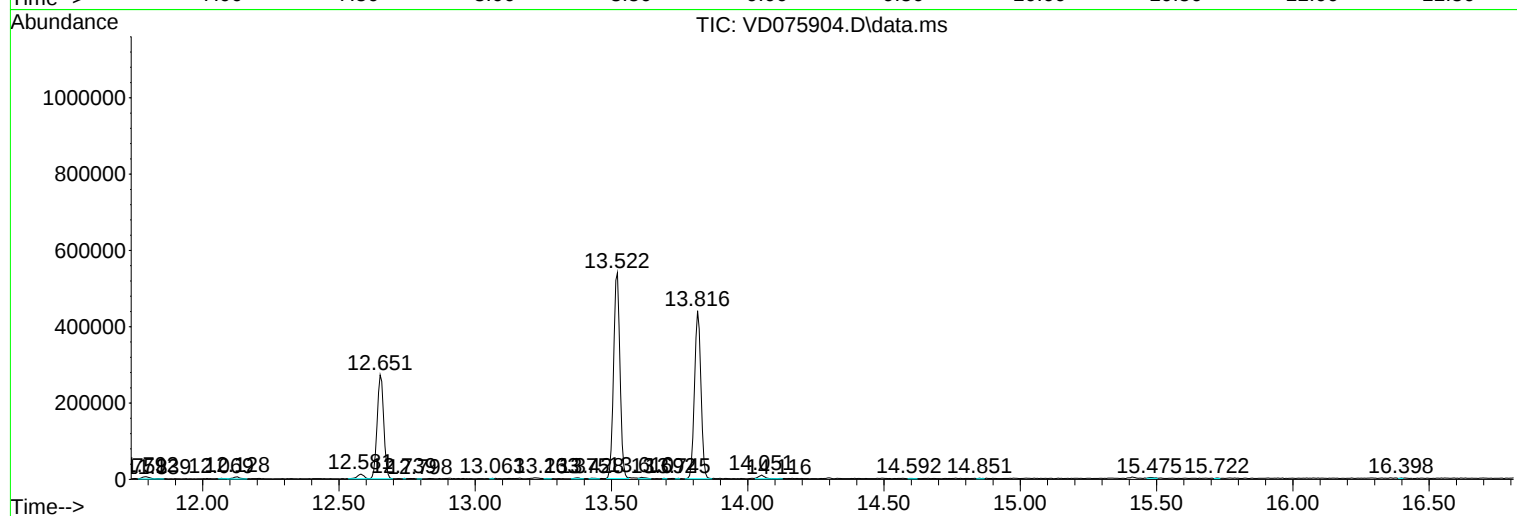
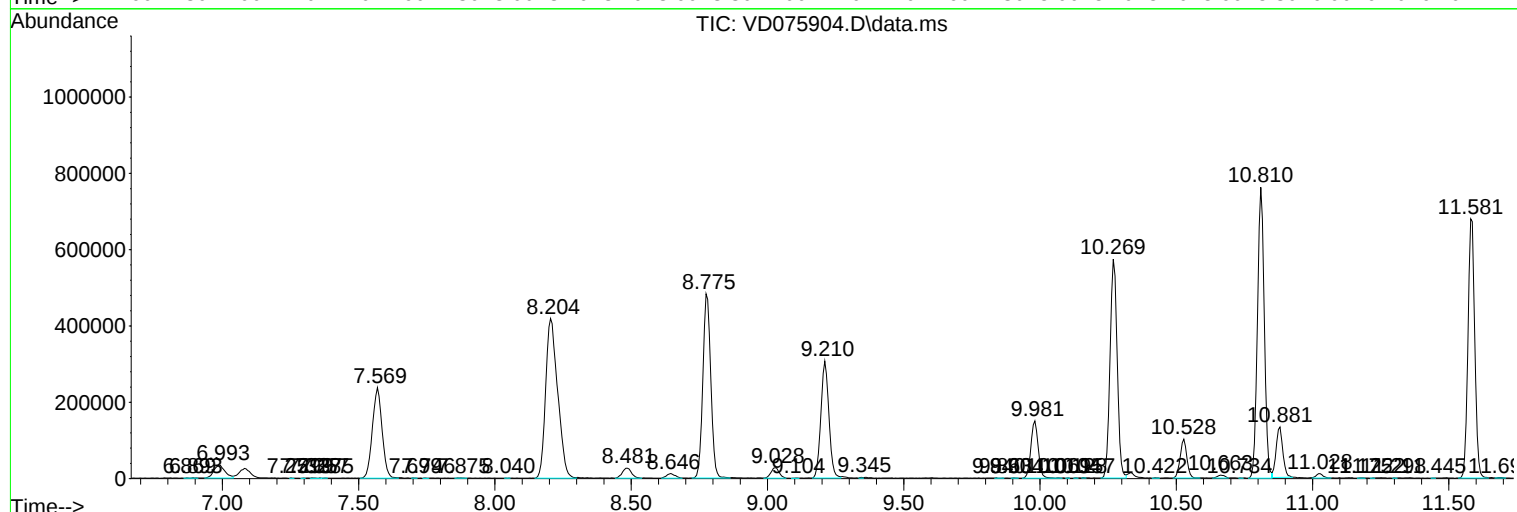
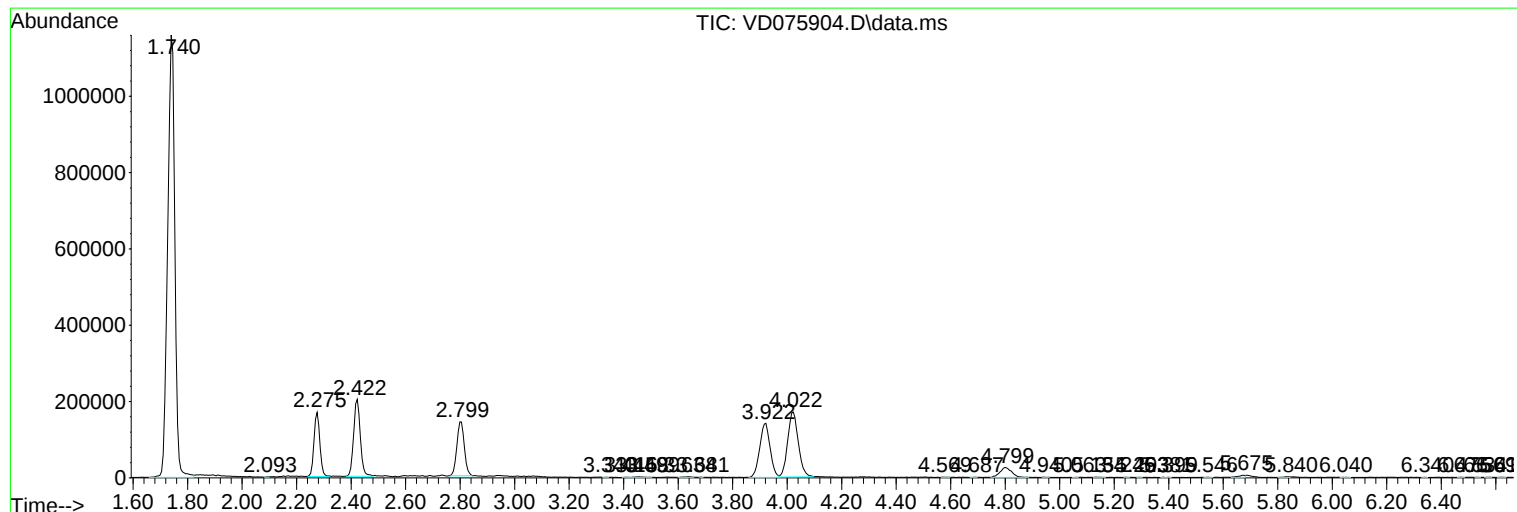
Sum of corrected areas: 14038740

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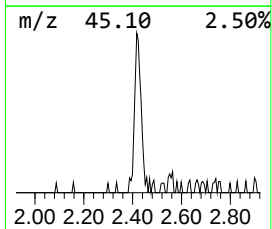
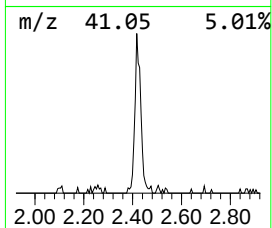
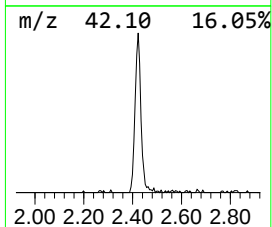
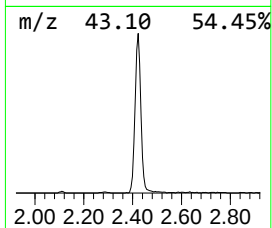
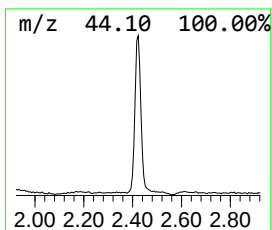
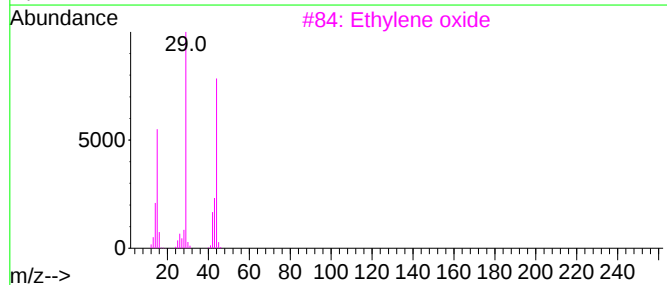
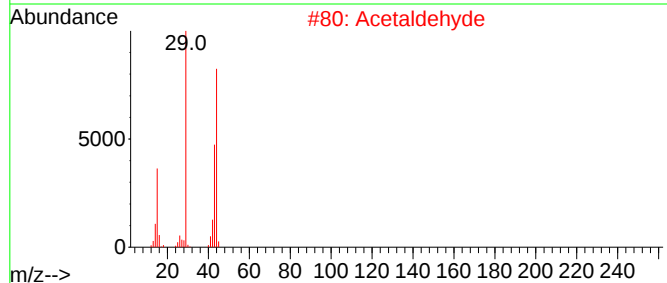
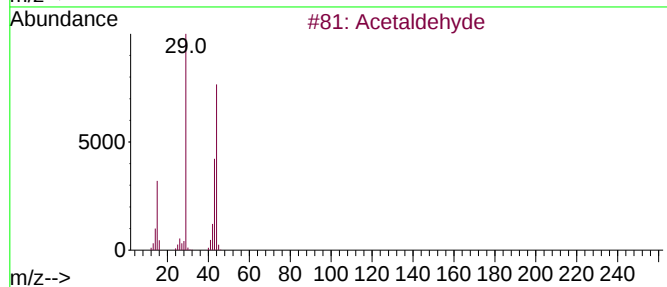
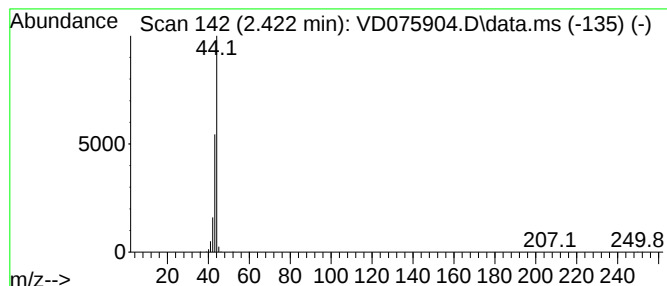
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.422	8.70 ug/L	341522	1,4-Difluorobenzene	8.775

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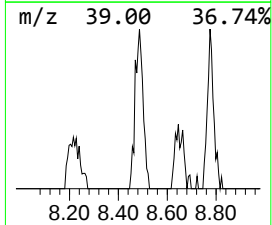
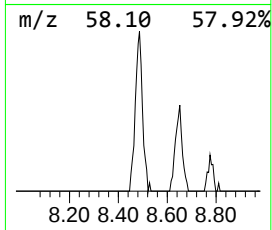
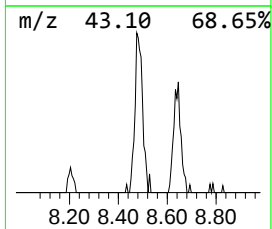
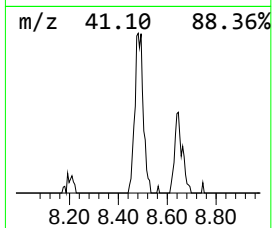
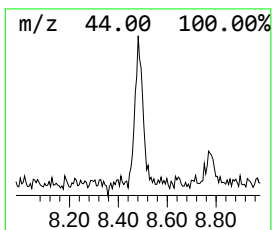
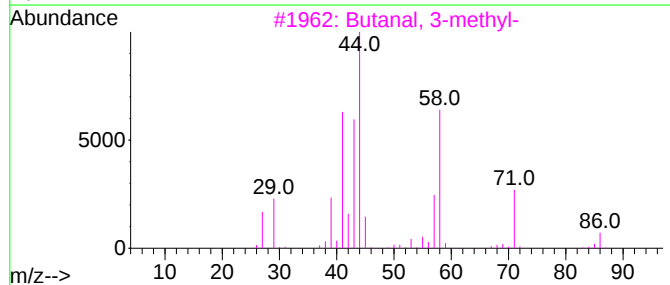
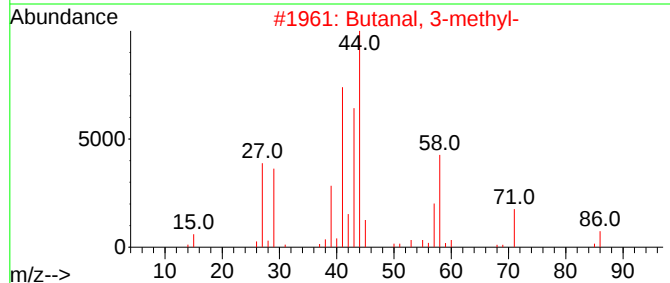
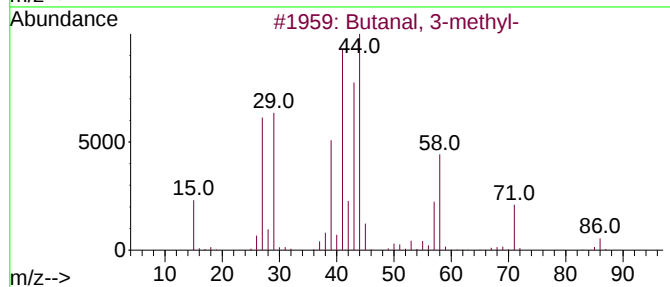
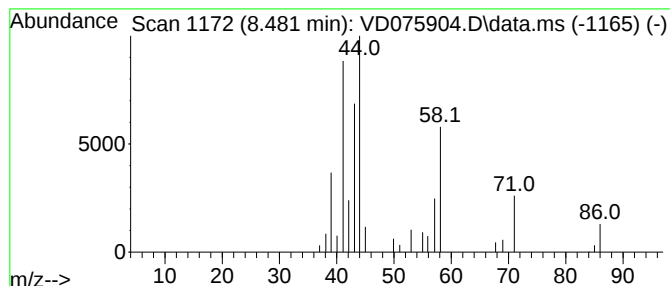
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butanal, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.481	1.57 ug/L	61474	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal, 3-methyl-	86	C5H10O	000590-86-3	90
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	72
3			Butanal, 3-methyl-	86	C5H10O	000590-86-3	52
4			Butanal, 3-methyl-	86	C5H10O	000590-86-3	50
5			Pentanal	86	C5H10O	000110-62-3	42



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.422	8.7	ug/L	341522	1	8.775	981079	25.0
Butanal, 3-methyl-	8.481	1.6	ug/L	61474	1	8.775	981079	25.0