

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059754.D
 Acq On : 02 Jul 2024 21:57
 Operator : MD/SY
 Sample : P2979-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B62

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

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_U\Method\SFAMUTR061724WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU059754.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.357	15	21	25	rBV2	9003	11497	1.68%	0.174%
2	1.592	84	94	109	rVB	83056	110378	16.12%	1.672%
3	1.685	116	123	128	rBV	10635	14436	2.11%	0.219%
4	1.724	129	135	146	rVV	42844	55306	8.08%	0.838%
5	1.907	183	192	205	rBV	61585	84129	12.28%	1.275%
6	2.370	326	336	355	rVB	36633	59811	8.73%	0.906%
7	2.560	382	395	410	rBV	114028	187914	27.44%	2.847%
8	2.650	412	423	441	rBV3	5960	18151	2.65%	0.275%
9	3.036	532	543	554	rBV5	4149	7417	1.08%	0.112%
10	3.177	575	587	601	rVV	20842	46304	6.76%	0.702%
11	3.576	699	711	731	rVV3	14697	35880	5.24%	0.544%
12	4.640	1024	1042	1089	rBV3	63523	295094	43.09%	4.471%
13	5.055	1156	1171	1199	rBV	108911	262379	38.31%	3.975%
14	5.717	1357	1377	1390	rBV2	204052	528093	77.11%	8.001%
15	5.959	1441	1452	1469	rBV4	22633	52372	7.65%	0.794%
16	6.135	1495	1507	1520	rBV3	12041	27406	4.00%	0.415%
17	6.242	1527	1540	1569	rBV	205412	395564	57.76%	5.993%
18	6.611	1647	1655	1665	rBV2	7075	12727	1.86%	0.193%
19	6.682	1665	1677	1695	rVV	119237	236146	34.48%	3.578%
20	7.168	1812	1828	1838	rBV6	2929	7104	1.04%	0.108%
21	7.560	1939	1950	1969	rBV	55605	101697	14.85%	1.541%
22	7.891	2037	2053	2069	rBV	245058	434946	63.51%	6.590%
23	7.965	2070	2076	2090	rVB2	7833	14613	2.13%	0.221%
24	8.174	2131	2141	2161	rBV2	33273	57955	8.46%	0.878%
25	8.483	2226	2237	2251	rVB3	12284	23412	3.42%	0.355%
26	8.630	2271	2283	2322	rBV	213374	456216	66.61%	6.912%
27	8.788	2323	2332	2348	rVB6	7085	16273	2.38%	0.247%
28	9.412	2513	2526	2558	rBV2	300018	663400	96.87%	10.052%
29	9.688	2599	2612	2627	rBV2	26799	47664	6.96%	0.722%
30	10.097	2730	2739	2757	rVB2	21951	39619	5.78%	0.600%
31	10.479	2849	2858	2869	rBV	18068	28501	4.16%	0.432%
32	10.749	2931	2942	2956	rBV	95072	156825	22.90%	2.376%
33	10.900	2978	2989	2998	rBV3	9449	16711	2.44%	0.253%
34	10.991	3005	3017	3026	rBV6	5303	10592	1.55%	0.160%
35	11.286	3099	3109	3123	rBV2	14107	25998	3.80%	0.394%
36	11.383	3131	3139	3153	rBV10	4403	10037	1.47%	0.152%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

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_U\Method\SFAMUTR061724WMA.M
 Title : TRACE VOA SFAM1.0

37	11.582	3184	3201	3207	rBV8	4759	11148	1.63%	0.169%
38	11.634	3208	3217	3232	rVB8	21415	39879	5.82%	0.604%
39	11.746	3243	3252	3259	rBV6	10790	17798	2.60%	0.270%
40	11.807	3259	3271	3289	rBV2	311354	684870	100.00%	10.377%
41	11.891	3289	3297	3306	rVB	15479	24416	3.57%	0.370%
42	12.000	3320	3331	3340	rBV8	7575	14436	2.11%	0.219%
43	12.061	3340	3350	3352	rBV2	31954	43603	6.37%	0.661%
44	12.187	3378	3389	3411	rVB	264661	488026	71.26%	7.394%
45	12.296	3415	3423	3426	rBV7	4779	6988	1.02%	0.106%
46	12.370	3437	3446	3454	rBV2	17435	30126	4.40%	0.456%
47	12.434	3459	3466	3483	rVB4	15920	31739	4.63%	0.481%
48	12.540	3488	3499	3503	rBV7	8932	14874	2.17%	0.225%
49	12.608	3515	3520	3528	rBV8	6470	9259	1.35%	0.140%
50	12.685	3534	3544	3559	rVB8	18166	52560	7.67%	0.796%
51	12.801	3575	3580	3583	rBV5	6467	7084	1.03%	0.107%
52	12.945	3615	3625	3627	rBV8	8483	12436	1.82%	0.188%
53	12.968	3629	3632	3642	rVB9	12691	18047	2.64%	0.273%
54	13.106	3662	3675	3684	rBV6	12958	28182	4.11%	0.427%
55	13.174	3691	3696	3704	rVB6	6417	9005	1.31%	0.136%
56	13.248	3704	3719	3726	rBV3	17094	39462	5.76%	0.598%
57	13.379	3751	3760	3770	rBV3	5608	12576	1.84%	0.191%
58	13.447	3771	3781	3795	rBV5	30958	62410	9.11%	0.946%
59	13.621	3823	3835	3843	rBV10	9435	17649	2.58%	0.267%
60	13.720	3857	3866	3875	rBV10	10225	20504	2.99%	0.311%
61	13.772	3878	3882	3890	rVB4	9340	12134	1.77%	0.184%
62	13.836	3890	3902	3910	rBV10	13002	31660	4.62%	0.480%
63	13.904	3911	3923	3927	rVV8	15599	38531	5.63%	0.584%
64	13.936	3928	3933	3944	rVV3	20385	34536	5.04%	0.523%
65	14.051	3963	3969	3972	rBV3	7802	10372	1.51%	0.157%
66	14.087	3973	3980	3999	rVB	27267	71360	10.42%	1.081%
67	14.283	4028	4041	4051	rVB	13929	30330	4.43%	0.460%
68	14.344	4052	4060	4067	rBV9	7425	10690	1.56%	0.162%
69	14.392	4068	4075	4082	rBV5	4319	7552	1.10%	0.114%
70	14.479	4093	4102	4107	rBV5	4628	8870	1.30%	0.134%
71	14.653	4149	4156	4170	rVB5	8165	18951	2.77%	0.287%
72	14.868	4217	4223	4237	rVB5	7238	12132	1.77%	0.184%
73	15.013	4260	4268	4277	rBV9	7901	13314	1.94%	0.202%
74	15.264	4338	4346	4355	rBV9	9777	15788	2.31%	0.239%
75	15.415	4385	4393	4401	rVB10	5365	8803	1.29%	0.133%
76	15.540	4426	4432	4444	rBV4	8538	12137	1.77%	0.184%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : TRACE VOA SFAM1.0

77	16.759	4805	4811	4822	rVB9	9074	13151	1.92%	0.199%
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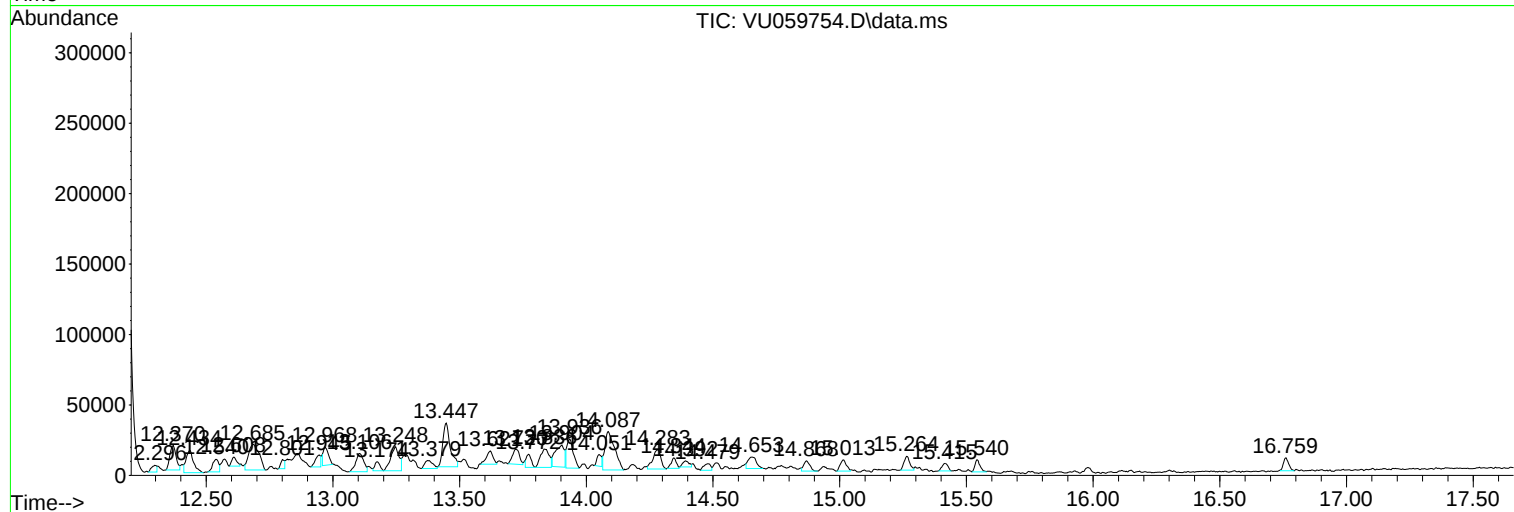
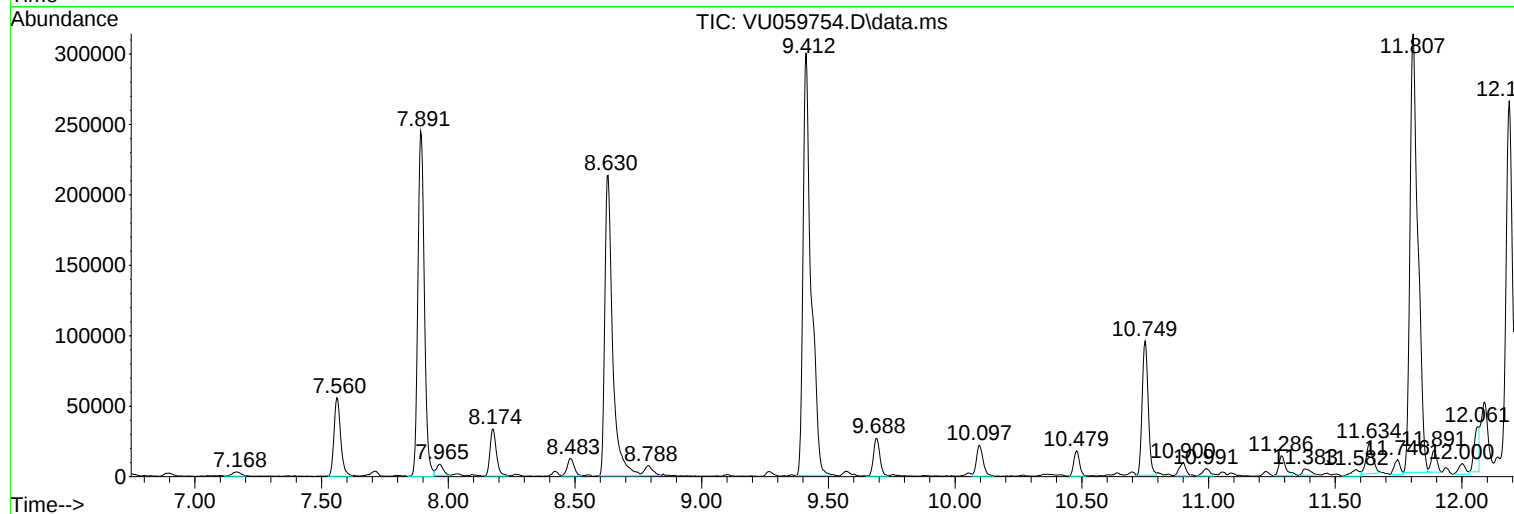
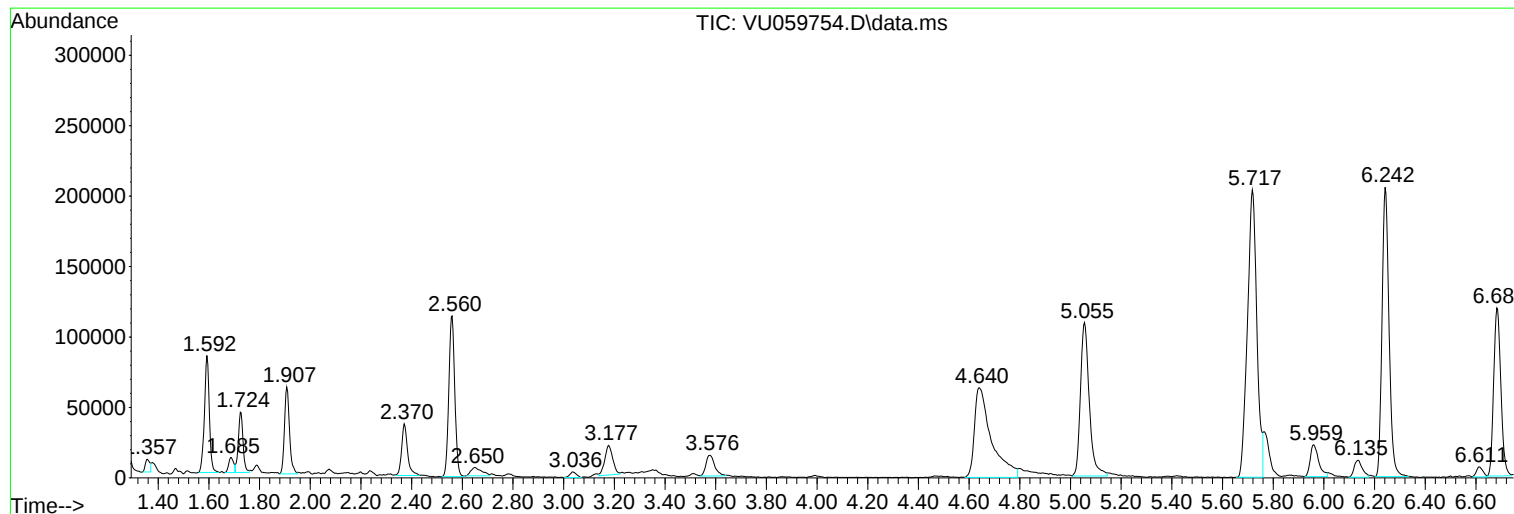
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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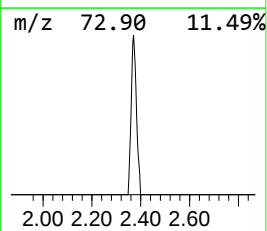
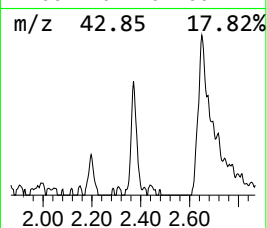
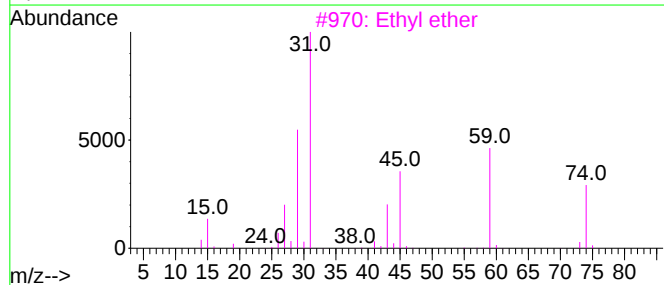
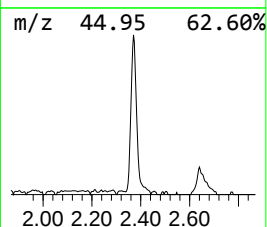
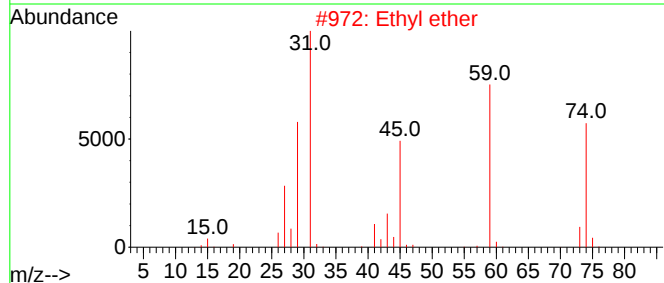
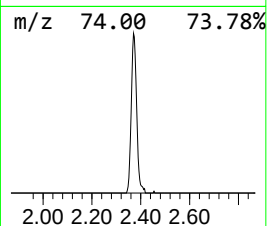
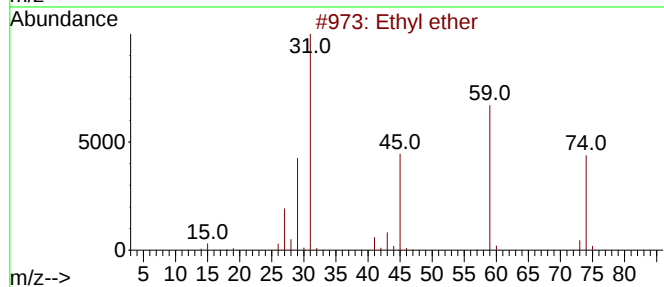
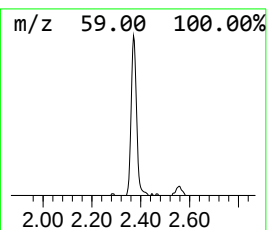
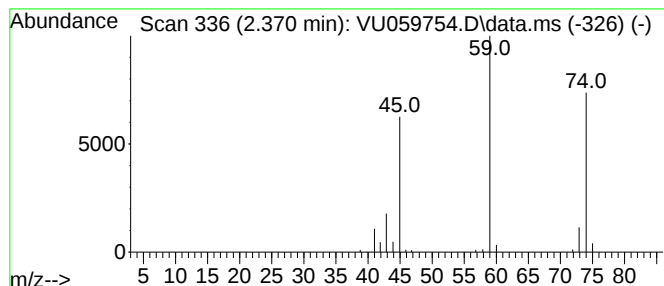
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.370	0.76 ug/L	59811	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl ether	74	C4H10O	000060-29-7	90
2			Ethyl ether	74	C4H10O	000060-29-7	90
3			Ethyl ether	74	C4H10O	000060-29-7	83
4			Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	64
5			Hydrazine, trimethyl-	74	C3H10N2	001741-01-1	45



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Instrument :
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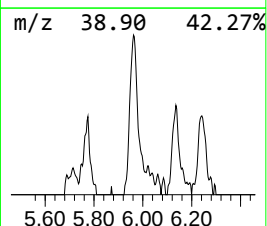
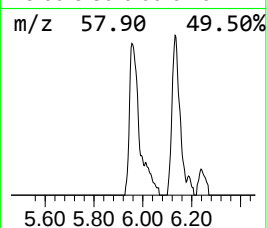
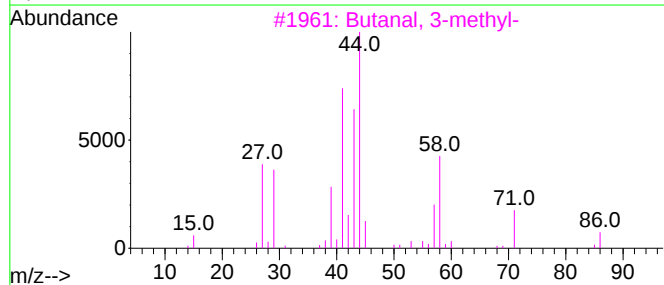
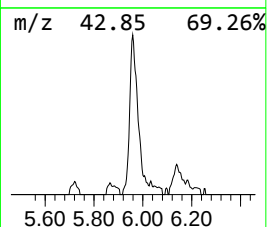
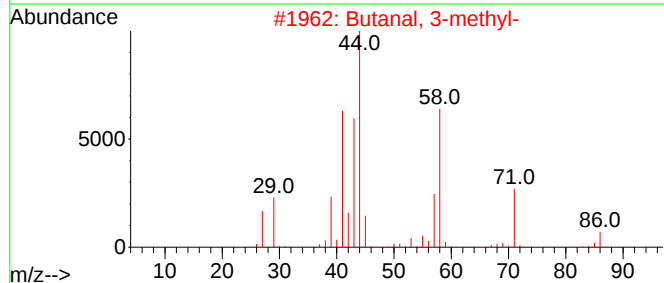
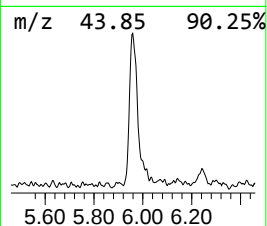
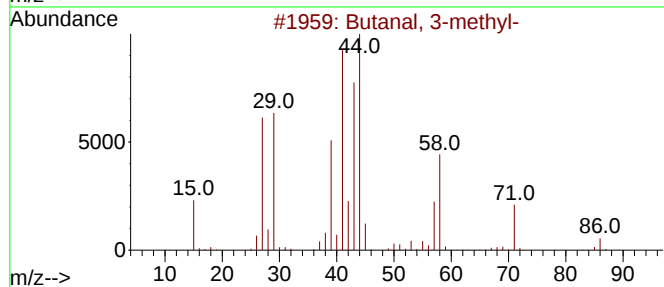
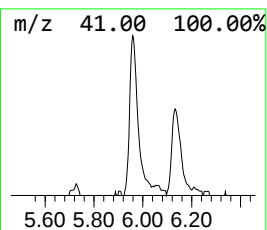
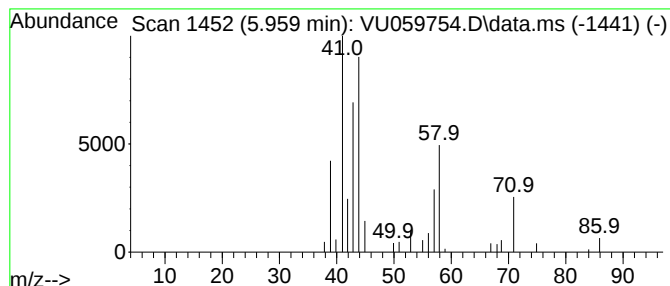
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.959	0.66 ug/L	52372	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal, 3-methyl-	86	C5H10O	000590-86-3	91
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	53
3			Butanal, 3-methyl-	86	C5H10O	000590-86-3	52
4			Pentanal	86	C5H10O	000110-62-3	43
5			Butanal, 3-methyl-	86	C5H10O	000590-86-3	43



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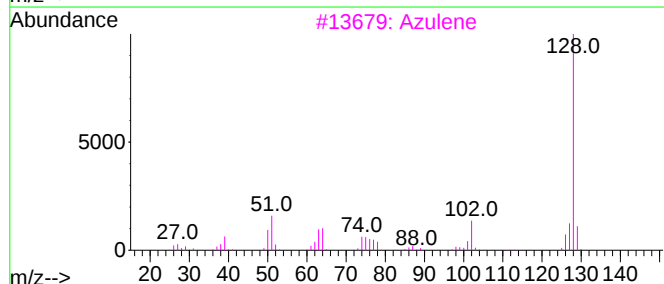
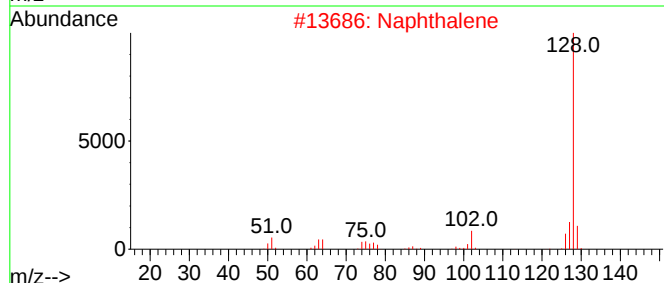
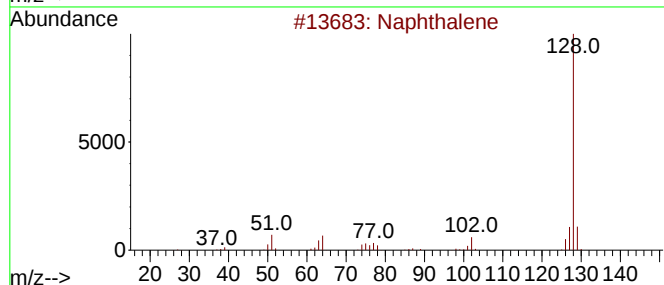
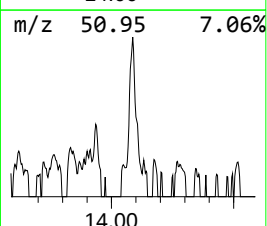
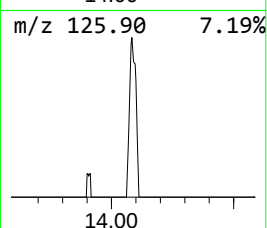
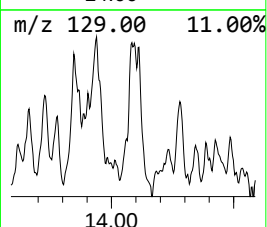
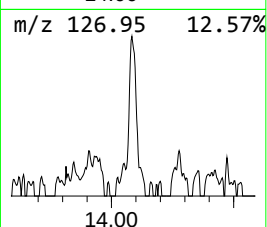
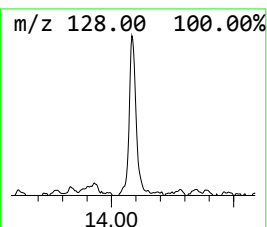
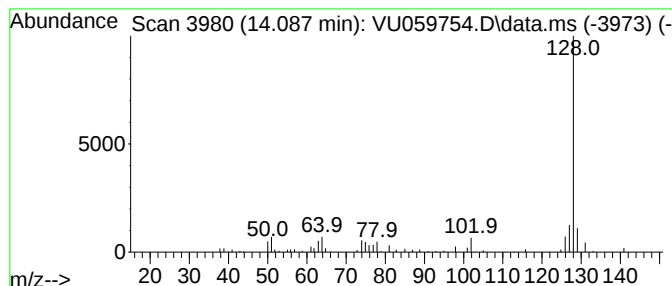
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.087	0.52 ug/L	71360	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	93
2			Naphthalene	128	C10H8	000091-20-3	90
3			Azulene	128	C10H8	000275-51-4	90
4			Naphthalene	128	C10H8	000091-20-3	90
5			Azulene	128	C10H8	000275-51-4	87



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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
Ethyl ether	2.370	0.8	ug/L	59811	1	6.242	395564	5.0
Butanal, 3-methyl-	5.959	0.7	ug/L	52372	1	6.242	395564	5.0
Azulene	14.087	0.5	ug/L	71360	3	11.807	684870	5.0