

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031835.D
 Acq On : 17 Aug 2023 16:47
 Operator : SY/MD
 Sample : 04059-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG7

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_V\Method\SFAMVTR081723WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV031835.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	68	74	86	rVB	76496	85280	2.78%	0.776%
2	1.532	146	153	169	rVB	91423	115950	3.78%	1.055%
3	2.060	304	317	327	rBV	145327	217438	7.08%	1.978%
4	2.449	429	438	449	rBV	27235	44419	1.45%	0.404%
5	3.793	847	856	890	rBV	139616	382493	12.46%	3.479%
6	4.256	984	1000	1028	rBV2	147198	402376	13.11%	3.659%
7	4.963	1200	1220	1241	rBV3	331932	865661	28.20%	7.873%
8	5.542	1386	1400	1422	rBV2	238485	512429	16.70%	4.660%
9	5.831	1476	1490	1507	rBV4	19647	44246	1.44%	0.402%
10	5.995	1527	1541	1570	rBV	203387	446914	14.56%	4.064%
11	6.921	1818	1829	1854	rBV	66504	136483	4.45%	1.241%
12	7.249	1918	1931	1956	rBV	314586	600305	19.56%	5.460%
13	7.564	2020	2029	2050	rBV2	44536	87331	2.85%	0.794%
14	8.031	2163	2174	2219	rBV2	449313	961728	31.33%	8.746%
15	8.789	2398	2410	2434	rBV	378561	652109	21.25%	5.931%
16	10.159	2822	2836	2853	rBV	155474	250071	8.15%	2.274%
17	11.191	3145	3157	3175	rBV	382922	608373	19.82%	5.533%
18	11.567	3263	3274	3294	rBV	387425	614377	20.02%	5.587%
19	14.773	4258	4271	4277	rBV8	17488	32044	1.04%	0.291%
20	15.529	4498	4506	4515	rBV3	24398	46759	1.52%	0.425%
21	15.747	4567	4574	4584	rVB10	31840	56349	1.84%	0.512%
22	15.953	4628	4638	4643	rBV4	41229	69816	2.27%	0.635%
23	15.985	4644	4648	4659	rVB3	41556	58263	1.90%	0.530%
24	16.123	4682	4691	4699	rBV2	30680	50141	1.63%	0.456%
25	16.217	4709	4720	4736	rBV	98177	194978	6.35%	1.773%
26	16.426	4773	4785	4803	rBV	2045467	3069234	100.00%	27.913%
27	16.606	4833	4841	4851	rVB2	60646	86077	2.80%	0.783%
28	16.860	4912	4920	4929	rVB2	35197	52717	1.72%	0.479%
29	17.326	5056	5065	5074	rBV2	151262	251215	8.18%	2.285%

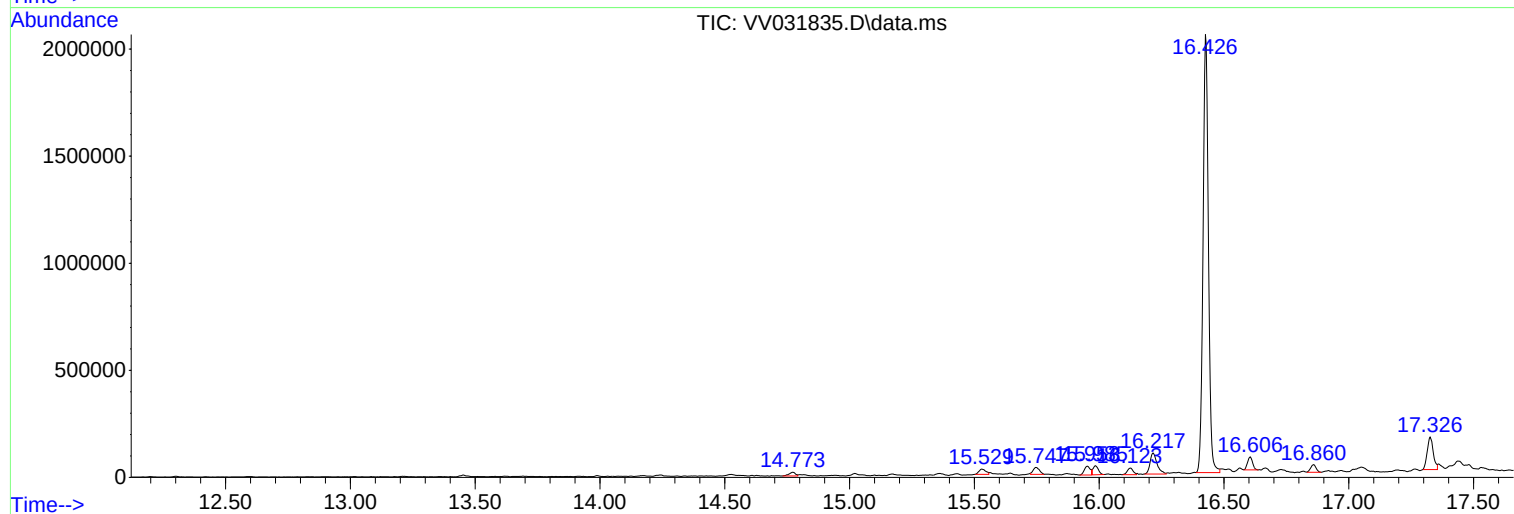
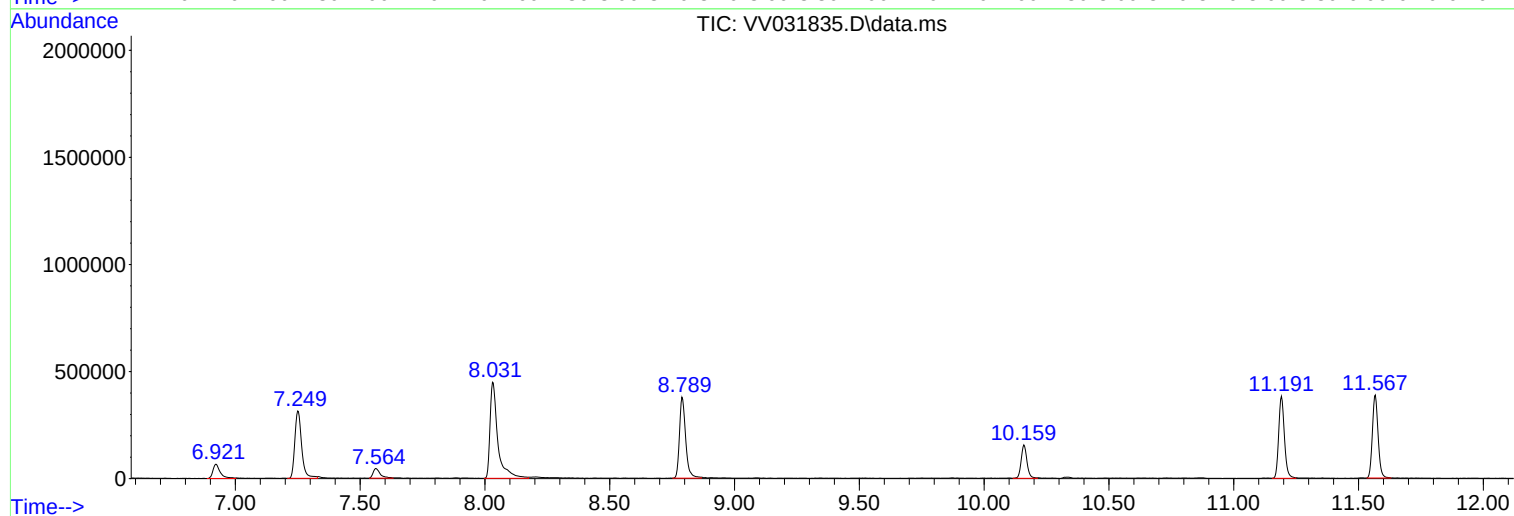
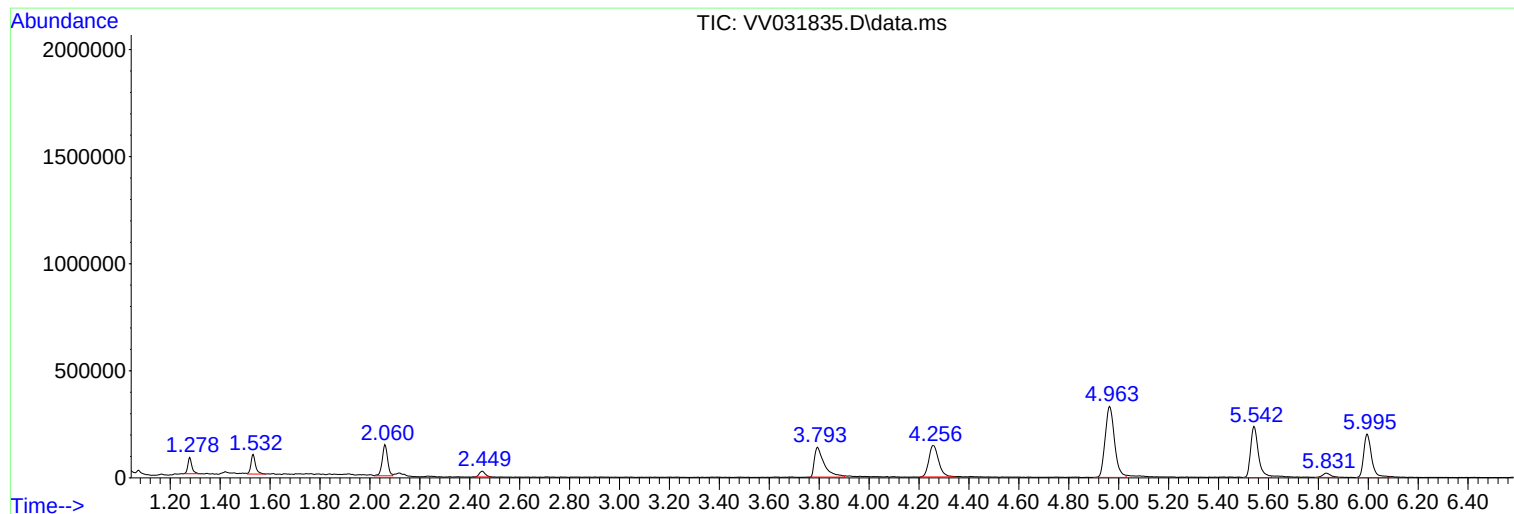
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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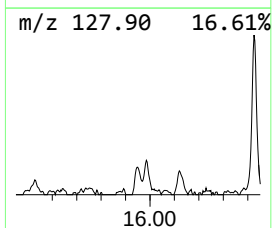
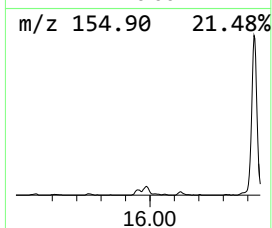
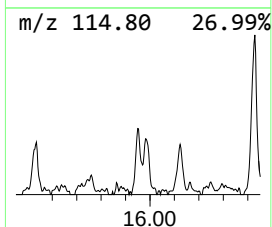
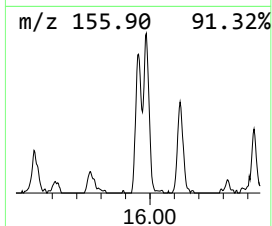
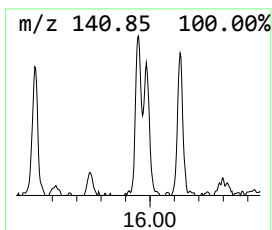
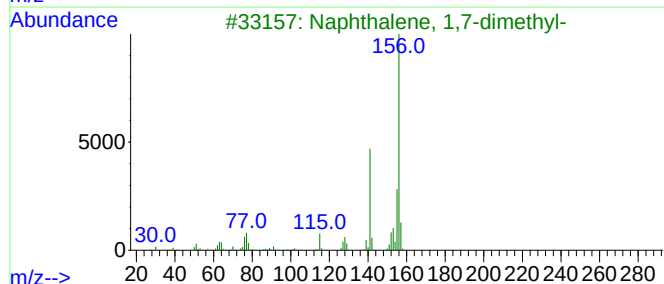
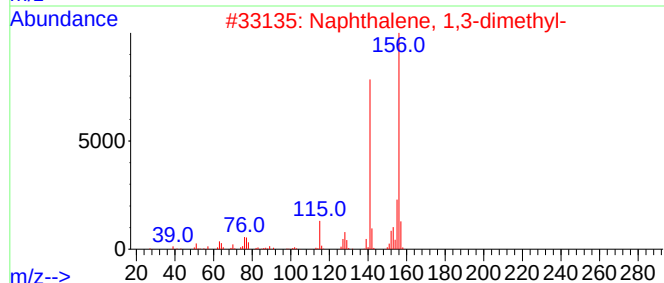
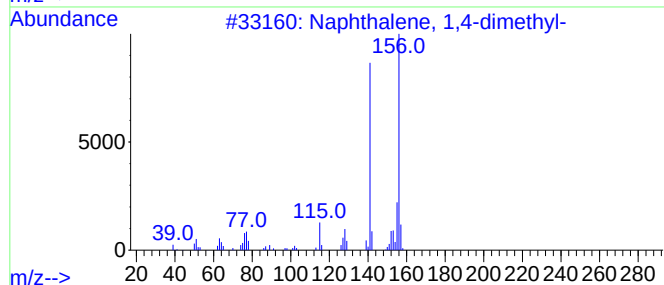
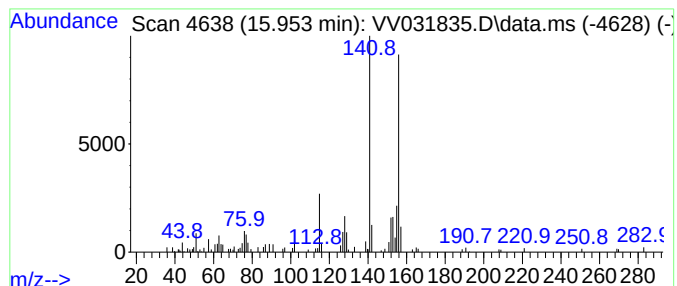
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Naphthalene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.953	0.57 ug/L	69816	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94



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Instrument :
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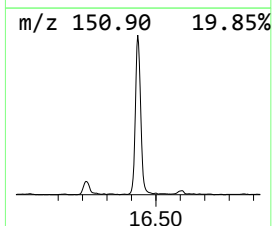
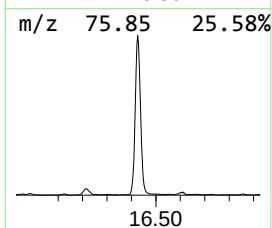
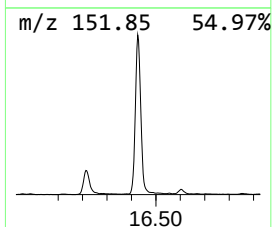
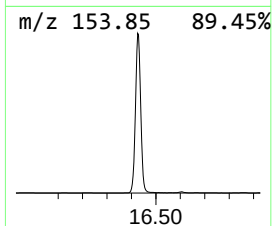
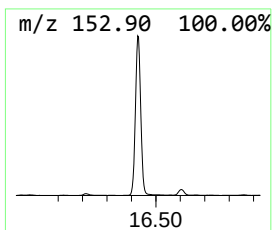
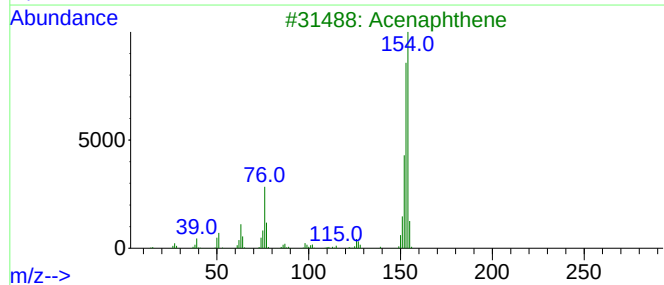
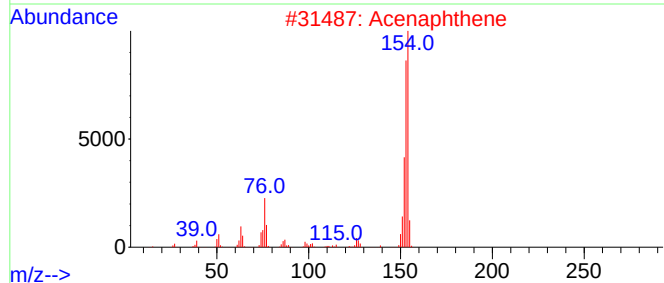
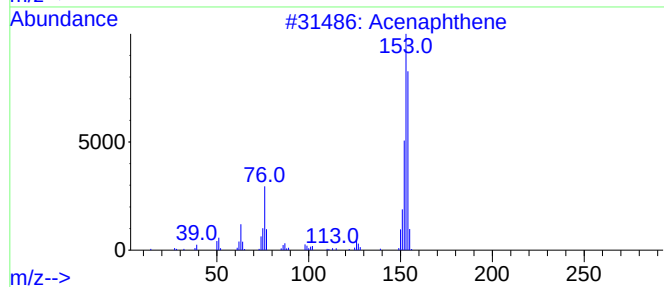
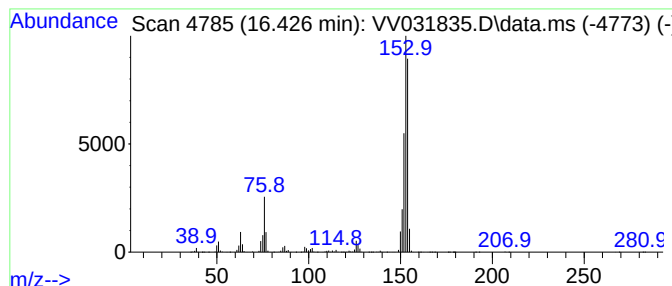
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.426	25.22 ug/L	3069230	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	96
2			Acenaphthene	154	C12H10	000083-32-9	90
3			Acenaphthene	154	C12H10	000083-32-9	89
4			Acenaphthene	154	C12H10	000083-32-9	76
5			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	58



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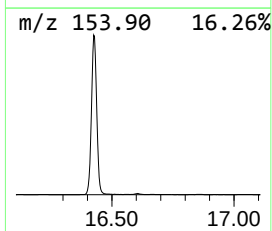
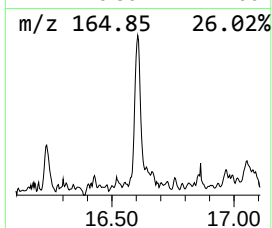
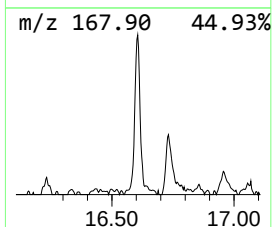
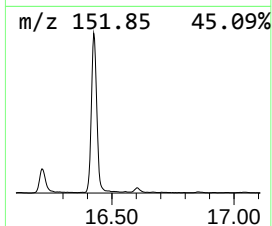
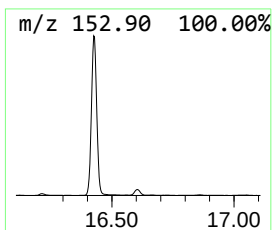
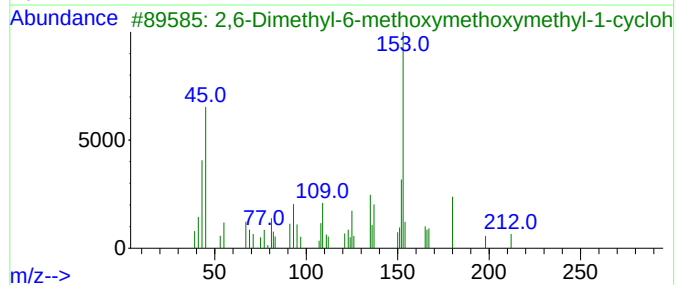
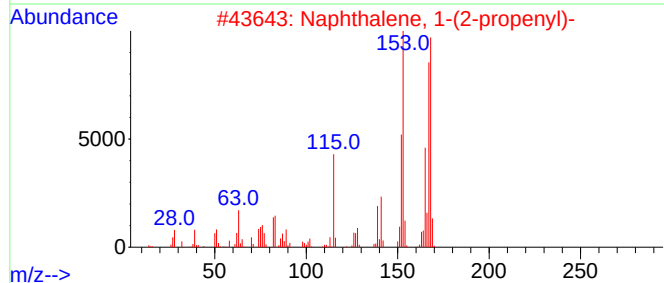
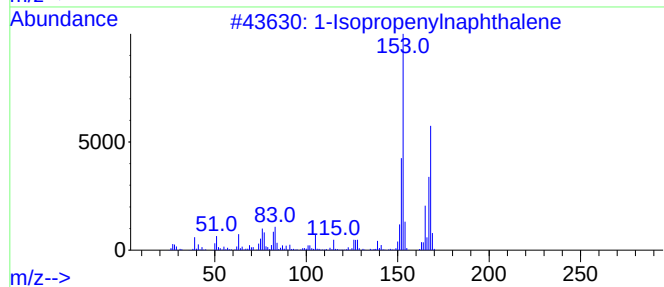
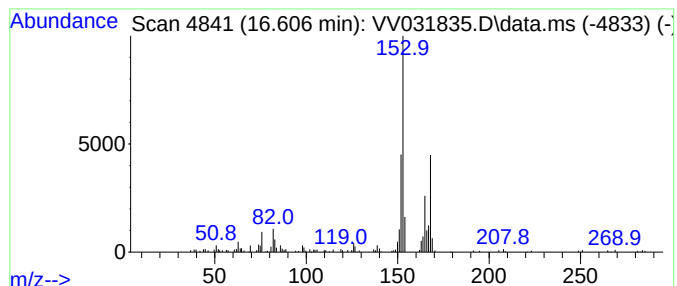
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 1-Isopropenylnaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.606	0.71 ug/L	86077	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
3			2,6-Dimethyl-6-methoxymethoxymet...	212	C12H20O3	1000431-31-6	53
4			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
5			.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	50



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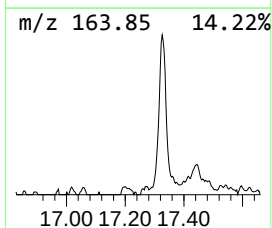
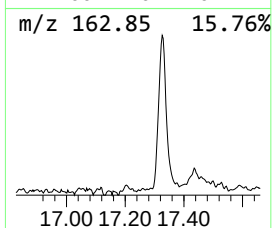
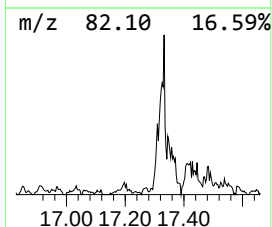
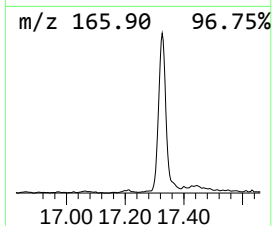
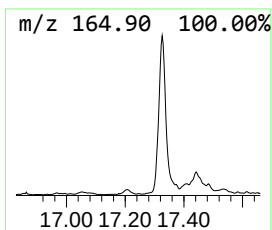
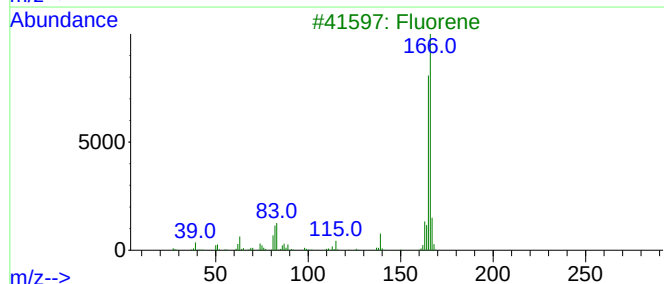
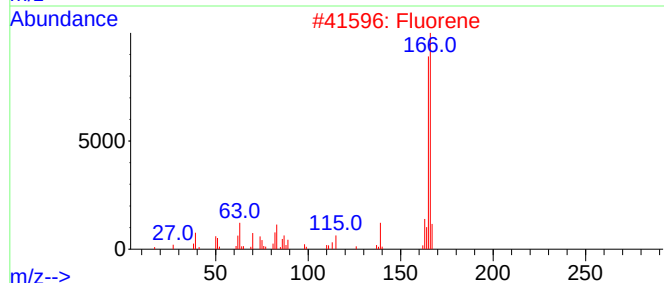
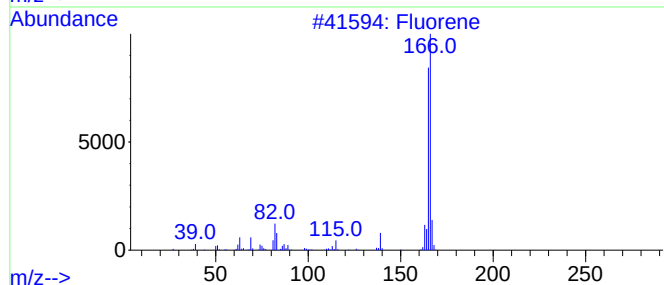
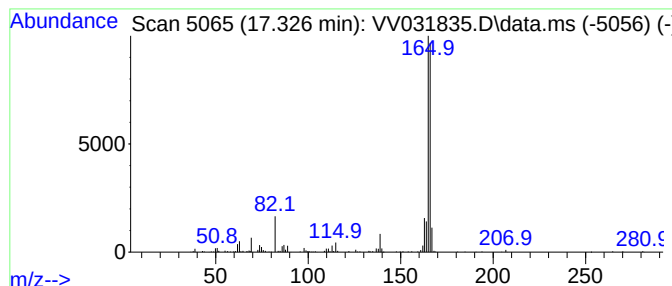
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Fluorene-9-methanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.326	2.06 ug/L	251215	1,4-Dichlorobenzene-d4	11.191

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluorene	166	C13H10	000086-73-7	93
2		Fluorene	166	C13H10	000086-73-7	90
3		Fluorene	166	C13H10	000086-73-7	90
4		Fluorene	166	C13H10	000086-73-7	81
5		Fluorene-9-methanol	196	C14H12O	024324-17-2	78



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,...	15.953	0.6	ug/L	69816	3	11.191	608373	5.0
1,4-Ethenonapht...	16.426	25.2	ug/L	3069230	3	11.191	608373	5.0
1-Isopropenylna...	16.606	0.7	ug/L	86077	3	11.191	608373	5.0
Fluorene-9-meth...	17.326	2.1	ug/L	251215	3	11.191	608373	5.0