

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027450.D
 Acq On : 19 Aug 2022 19:12
 Operator : SY/MD
 Sample : N4268-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB8

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\SFAMVTR081922WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV027450.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	71	82	98	rBV	71296	80902	9.52%	1.557%
2	1.381	99	106	114	rVV	8478	10422	1.23%	0.201%
3	1.565	156	163	173	rBV	68431	75721	8.91%	1.457%
4	2.105	321	331	343	rVV	146356	211493	24.88%	4.069%
5	2.172	347	352	369	rVB5	12114	26319	3.10%	0.506%
6	2.503	445	455	466	rBV3	14570	24959	2.94%	0.480%
7	2.667	490	506	507	rBV9	5467	9623	1.13%	0.185%
8	3.896	877	888	923	rBV3	39228	148056	17.42%	2.849%
9	4.346	1011	1028	1052	rBV	86824	229392	26.99%	4.414%
10	5.044	1229	1245	1266	rBV3	188528	483030	56.83%	9.294%
11	5.616	1411	1423	1455	rBV	157767	351016	41.30%	6.754%
12	6.069	1548	1564	1584	rBV	108842	243884	28.69%	4.693%
13	6.986	1838	1849	1873	rBV2	44348	93476	11.00%	1.799%
14	7.314	1938	1951	1970	rBV	201181	377521	44.41%	7.264%
15	7.625	2036	2048	2069	rBV3	24910	50869	5.98%	0.979%
16	8.092	2182	2193	2230	rBV	147845	321779	37.86%	6.191%
17	8.850	2419	2429	2447	rBV	243723	410160	48.25%	7.892%
18	10.214	2842	2853	2866	rBV2	64274	103983	12.23%	2.001%
19	11.246	3162	3174	3192	rBV	221081	357004	42.00%	6.869%
20	11.622	3280	3291	3310	rBV	175586	282959	33.29%	5.444%
21	14.574	4201	4209	4218	rBV10	4458	8521	1.00%	0.164%
22	14.824	4278	4287	4297	rBV8	10427	18410	2.17%	0.354%
23	15.583	4509	4523	4540	rBV4	14819	32660	3.84%	0.628%
24	15.805	4578	4592	4602	rVB10	14035	25783	3.03%	0.496%
25	16.005	4642	4654	4660	rBV2	19693	32743	3.85%	0.630%
26	16.043	4660	4666	4674	rVB2	18703	28017	3.30%	0.539%
27	16.178	4699	4708	4721	rVB4	21698	35824	4.21%	0.689%
28	16.268	4725	4736	4749	rBV	71842	120523	14.18%	2.319%
29	16.480	4790	4802	4818	rBV	535304	850016	100.00%	16.355%
30	16.657	4849	4857	4866	rVB2	24033	37588	4.42%	0.723%
31	16.718	4872	4876	4884	rVB9	9326	12299	1.45%	0.237%
32	16.911	4928	4936	4945	rVB4	16313	22917	2.70%	0.441%
33	17.384	5073	5083	5094	rBV2	43841	79336	9.33%	1.527%

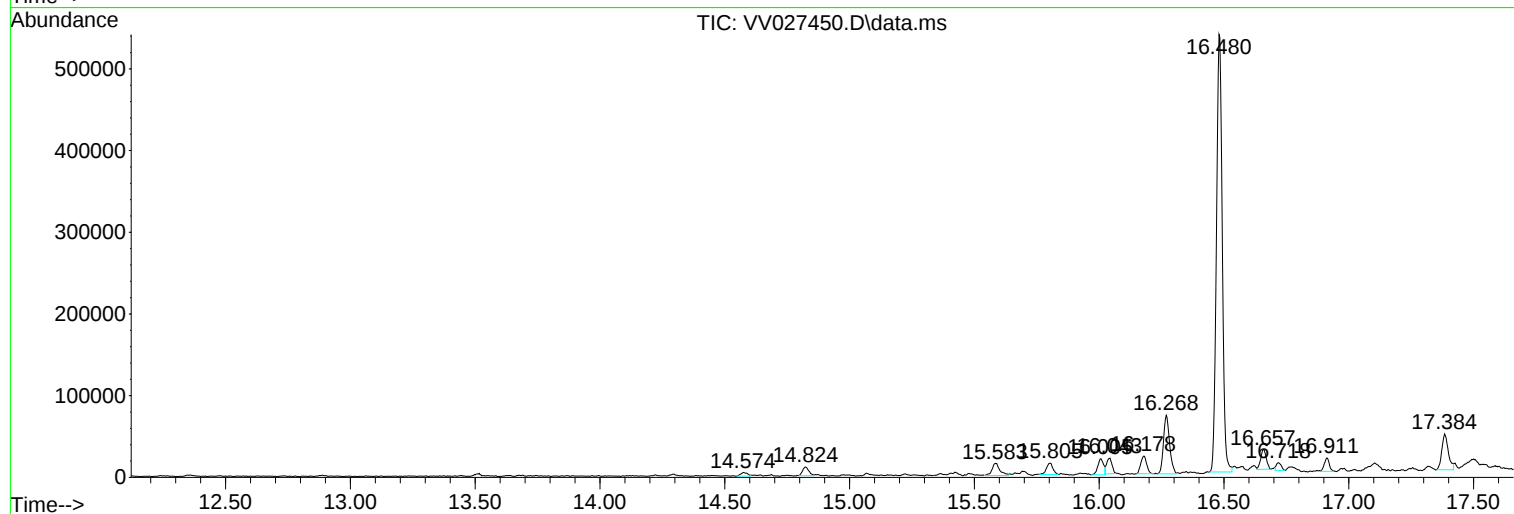
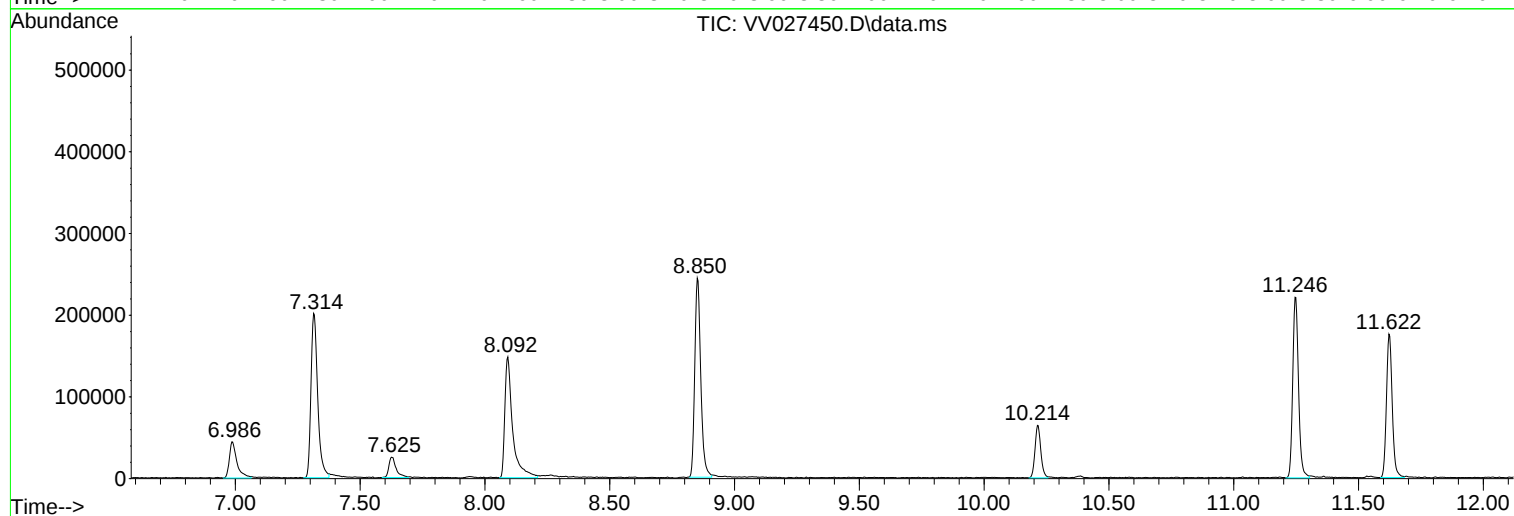
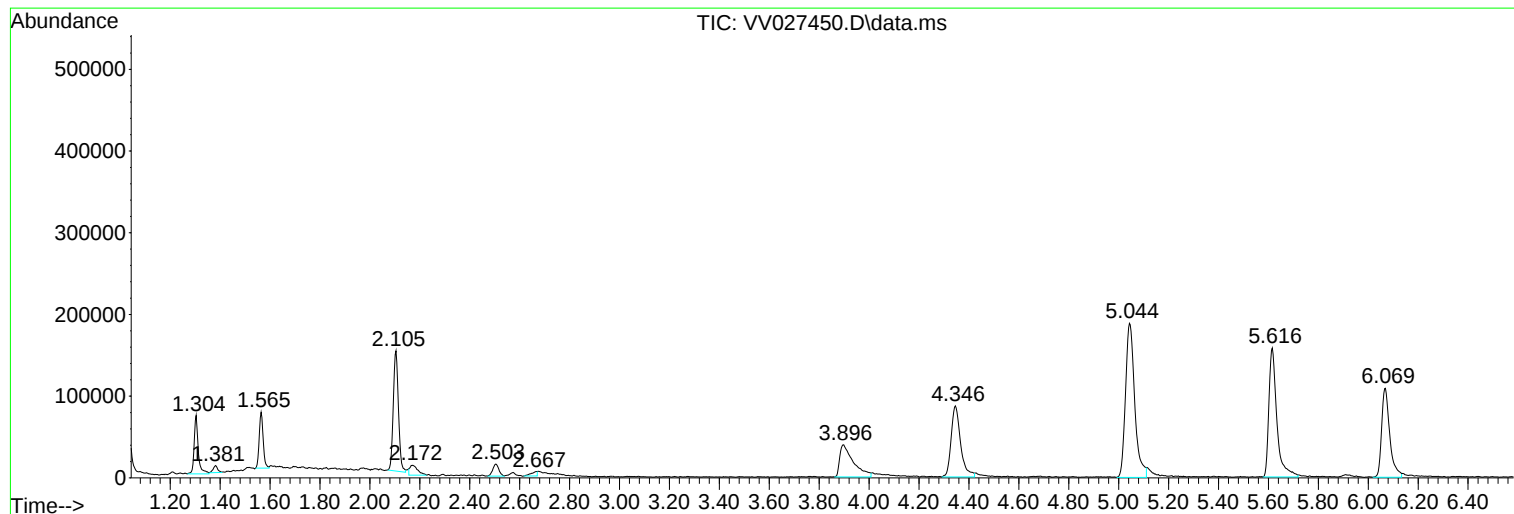
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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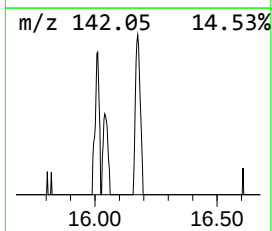
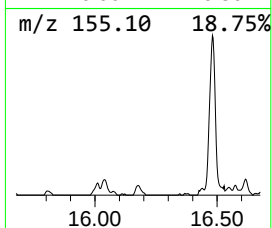
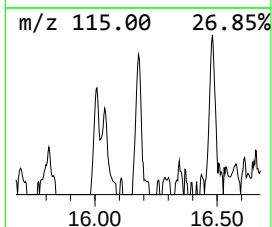
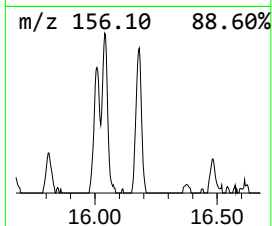
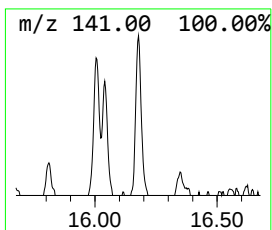
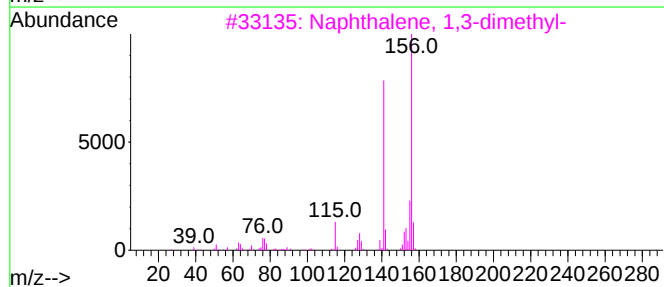
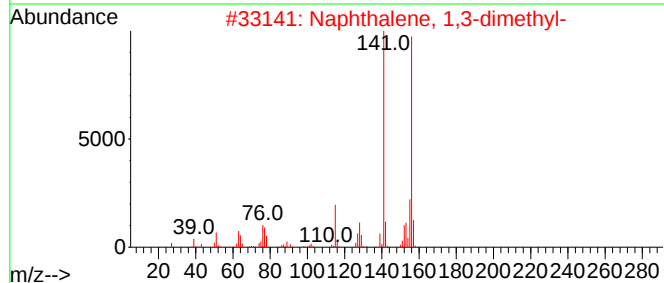
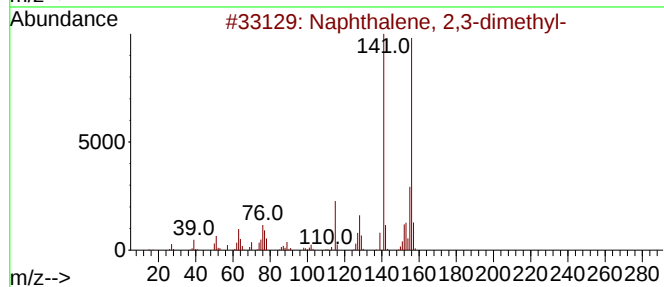
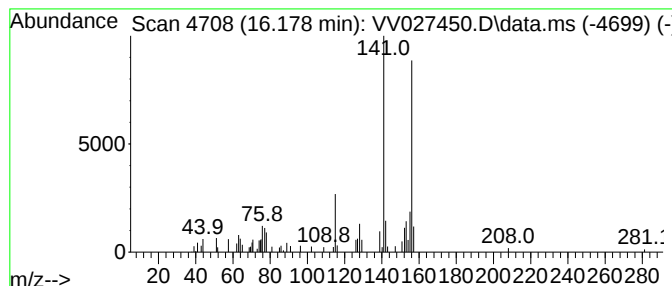
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.178	0.50 ug/L	35824	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



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ClientSampleId :
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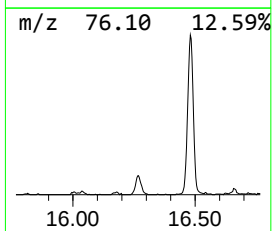
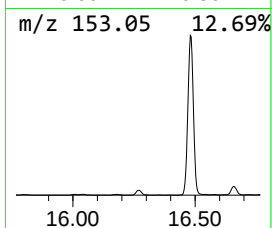
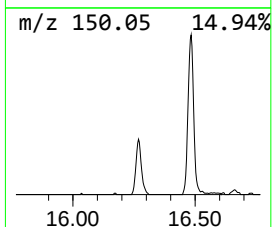
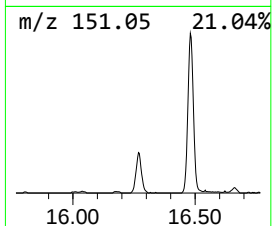
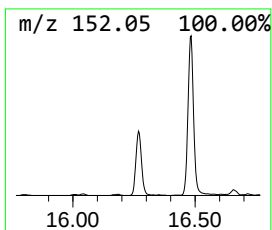
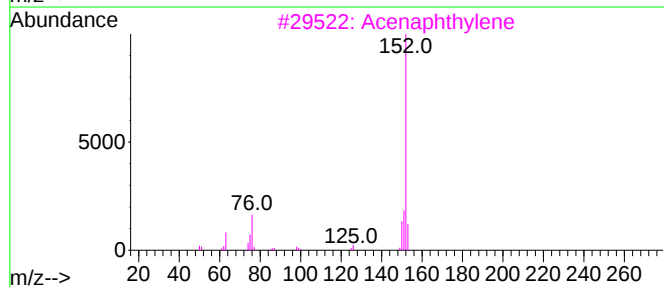
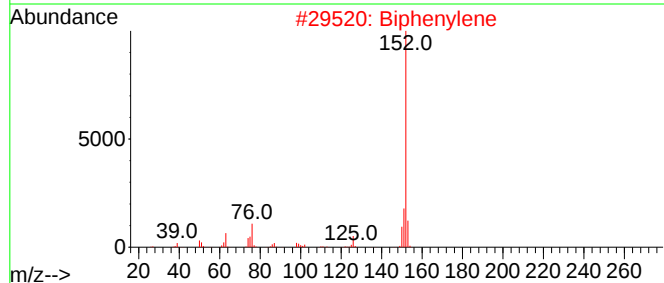
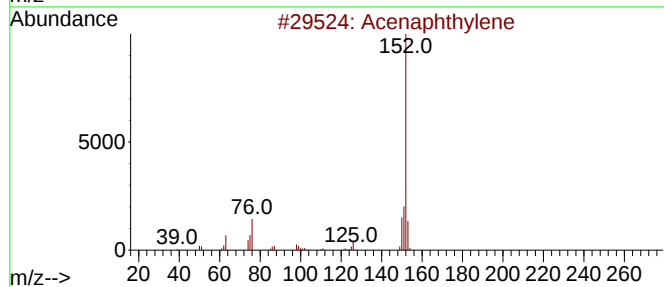
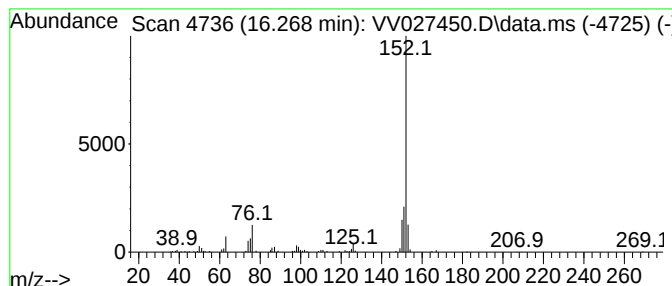
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Acenaphthylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.268	1.69 ug/L	120523	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthylene	152	C12H8	000208-96-8	95
2			Biphenylene	152	C12H8	000259-79-0	93
3			Acenaphthylene	152	C12H8	000208-96-8	90
4			Biphenylene	152	C12H8	000259-79-0	87
5			Acenaphthylene	152	C12H8	000208-96-8	87



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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

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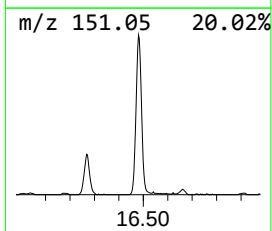
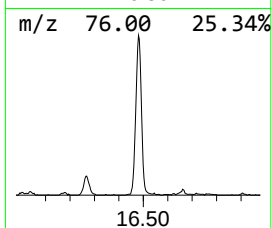
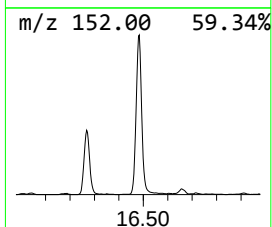
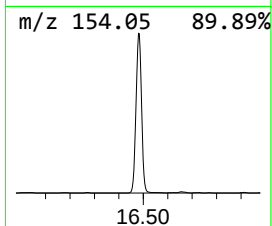
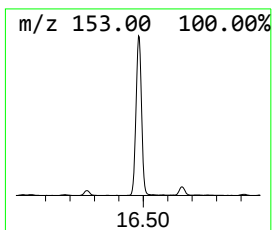
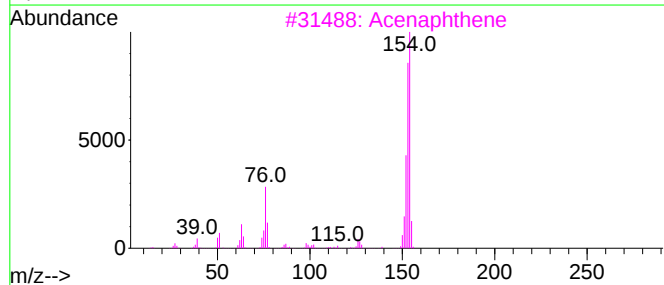
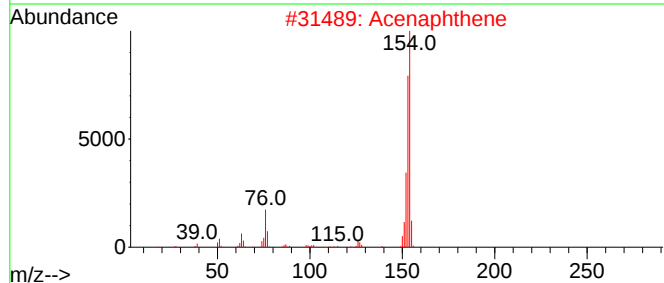
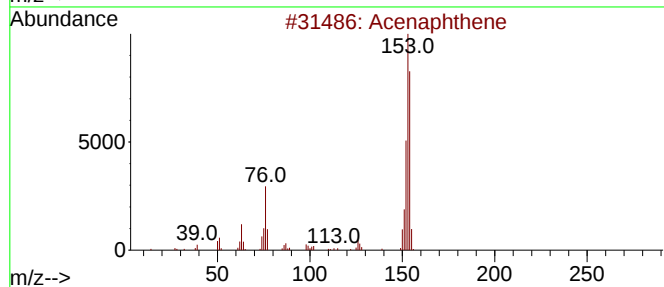
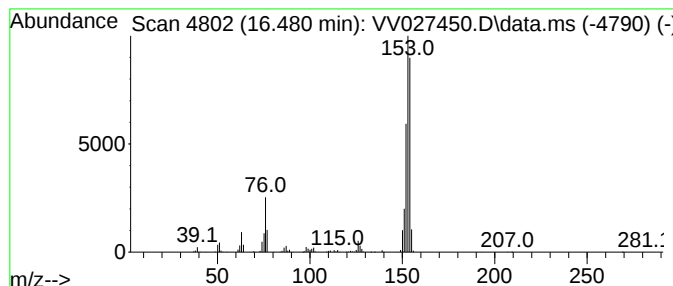
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.480	11.90 ug/L	850016	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	96
2			Acenaphthene	154	C12H10	000083-32-9	68
3			Acenaphthene	154	C12H10	000083-32-9	64
4			Acenaphthene	154	C12H10	000083-32-9	60
5			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	53



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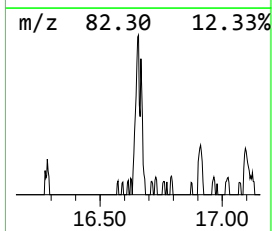
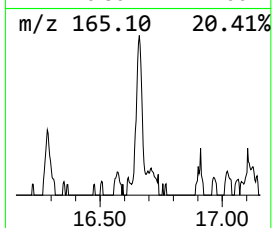
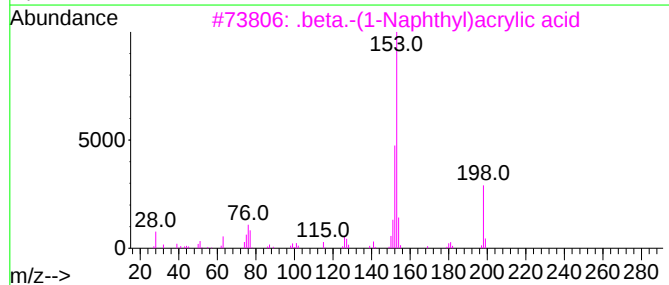
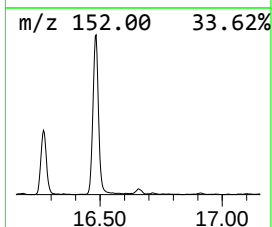
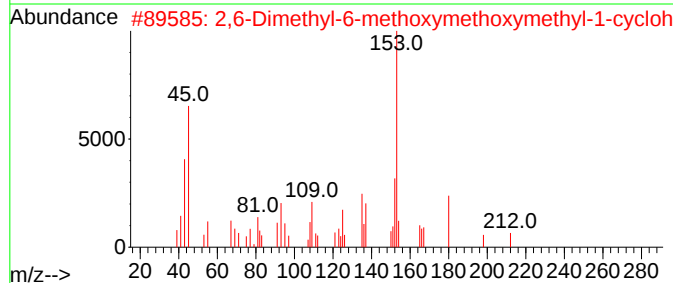
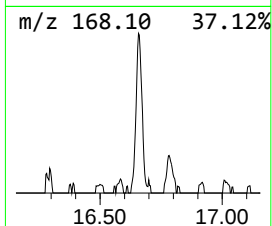
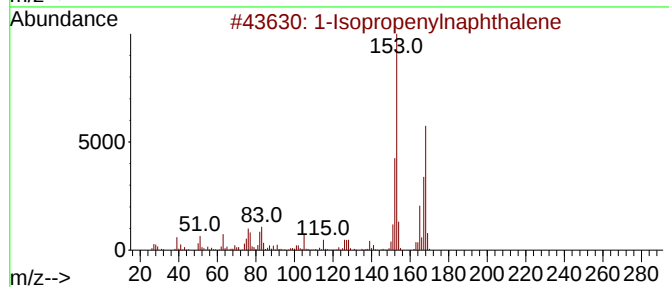
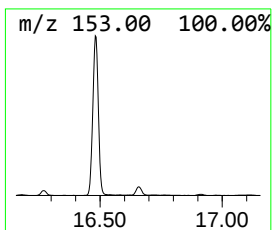
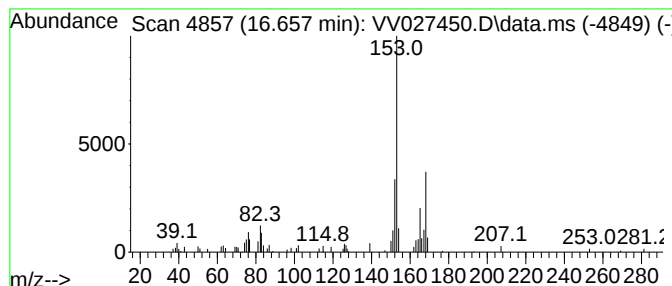
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Isopropenylnaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.657	0.53 ug/L	37588	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	60
2			2,6-Dimethyl-6-methoxymethoxymet...	212	C12H20O3	1000431-31-6	53
3			.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	53
4			Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	50
5			5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	49



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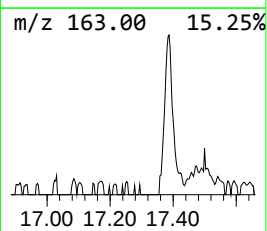
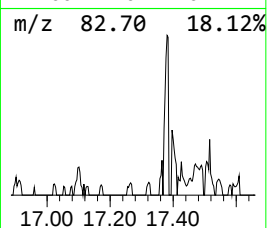
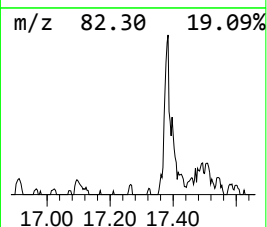
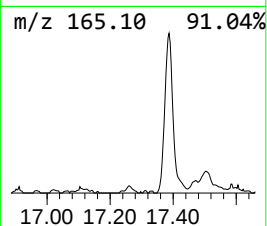
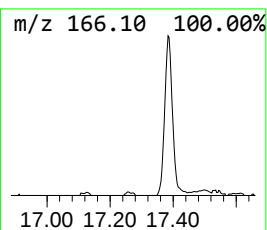
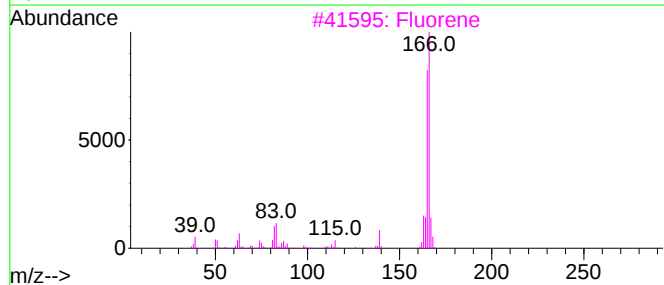
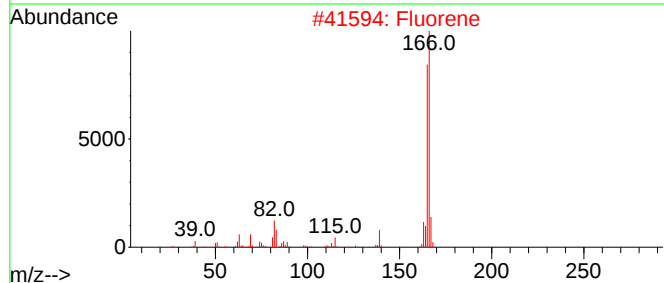
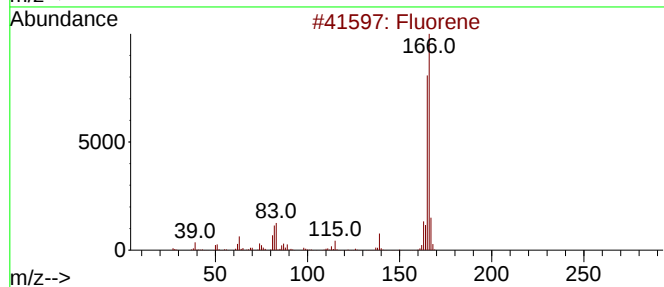
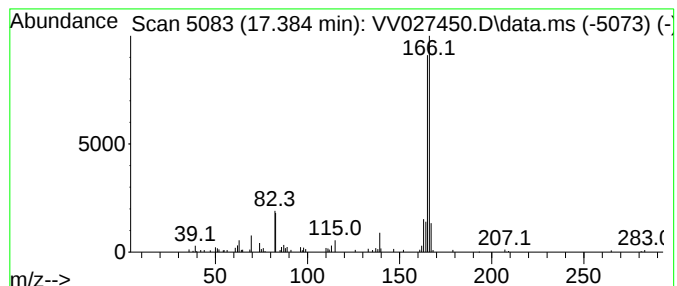
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.384	1.11 ug/L	79336	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene			166	C13H10	000086-73-7	95
2	Fluorene			166	C13H10	000086-73-7	93
3	Fluorene			166	C13H10	000086-73-7	93
4	Fluorene			166	C13H10	000086-73-7	83
5	2-Azetidinone, 3,3-diphenyl-			223	C15H13NO	015826-12-7	64



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ClientSampleId :
C0AB8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	16.178	0.5	ug/L	35824	3	11.249	357004	5.0
Acenaphthylene	16.268	1.7	ug/L	120523	3	11.249	357004	5.0
Acenaphthene	16.480	11.9	ug/L	850016	3	11.249	357004	5.0
1-Isopropenylna...	16.657	0.5	ug/L	37588	3	11.249	357004	5.0
Fluorene	17.384	1.1	ug/L	79336	3	11.249	357004	5.0