

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011623\
 Data File : VV029883.D
 Acq On : 16 Jan 2023 17:59
 Operator : SY/MD
 Sample : 01168-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

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\SFAMVTR011223WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV029883.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	75	82	91	rBV	104287	99335	11.08%	1.045%
2	1.565	156	163	174	rVB	99745	109677	12.23%	1.154%
3	2.105	321	331	345	rVB	176633	256596	28.62%	2.700%
4	2.503	445	455	472	rVB2	15448	25393	2.83%	0.267%
5	3.889	876	886	940	rBV	78000	282384	31.50%	2.971%
6	4.339	1009	1026	1053	rBV2	128401	339770	37.90%	3.575%
7	5.040	1222	1244	1278	rBV2	293387	756875	84.43%	7.964%
8	5.609	1409	1421	1455	rBV	210989	443287	49.45%	4.665%
9	6.063	1548	1562	1598	rBV	171641	363112	40.50%	3.821%
10	6.979	1833	1847	1867	rBV	77139	144731	16.14%	1.523%
11	7.307	1936	1949	1979	rBV	361853	651883	72.71%	6.860%
12	7.616	2035	2045	2066	rBV	43636	79705	8.89%	0.839%
13	7.931	2133	2143	2154	rBV3	6966	12468	1.39%	0.131%
14	8.085	2179	2191	2236	rBV	366442	705729	78.72%	7.426%
15	8.844	2415	2427	2456	rBV	320646	537612	59.97%	5.657%
16	10.204	2840	2850	2869	rVB	137552	215612	24.05%	2.269%
17	10.371	2892	2902	2914	rBV	14961	24391	2.72%	0.257%
18	11.236	3160	3171	3195	rBV	366651	570155	63.60%	6.000%
19	11.612	3275	3288	3309	rBV	381862	594525	66.32%	6.256%
20	12.243	3465	3484	3495	rBV3	6891	12745	1.42%	0.134%
21	13.490	3857	3872	3897	rBV	213767	349912	39.03%	3.682%
22	13.609	3902	3909	3920	rVB	10301	16005	1.79%	0.168%
23	14.027	4031	4039	4053	rVB2	9012	13982	1.56%	0.147%
24	14.619	4212	4223	4238	rVV	191364	308796	34.44%	3.249%
25	14.802	4268	4280	4297	rBV	173870	283321	31.60%	2.981%
26	15.349	4436	4450	4466	rBV	147786	261384	29.16%	2.750%
27	15.535	4500	4508	4517	rBV	61111	98149	10.95%	1.033%
28	15.651	4533	4544	4570	rVB	155129	285063	31.80%	3.000%
29	15.796	4579	4589	4596	rBV	166613	275981	30.78%	2.904%
30	15.834	4596	4601	4616	rVB2	90057	137473	15.33%	1.447%
31	16.024	4642	4660	4682	rBV2	51613	134047	14.95%	1.411%
32	16.165	4696	4704	4715	rBV3	22952	39540	4.41%	0.416%
33	16.271	4729	4737	4750	rVB4	27357	44265	4.94%	0.466%
34	16.368	4760	4767	4778	rVB3	9541	15338	1.71%	0.161%
35	16.471	4787	4799	4820	rBV	450212	896493	100.00%	9.434%
36	16.648	4847	4854	4865	rVB2	28715	43767	4.88%	0.461%

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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

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Title : TRACE VOA SFAM1.0

37	16.763	4883	4890	4908	rVB2	38664	73765	8.23%	0.776%
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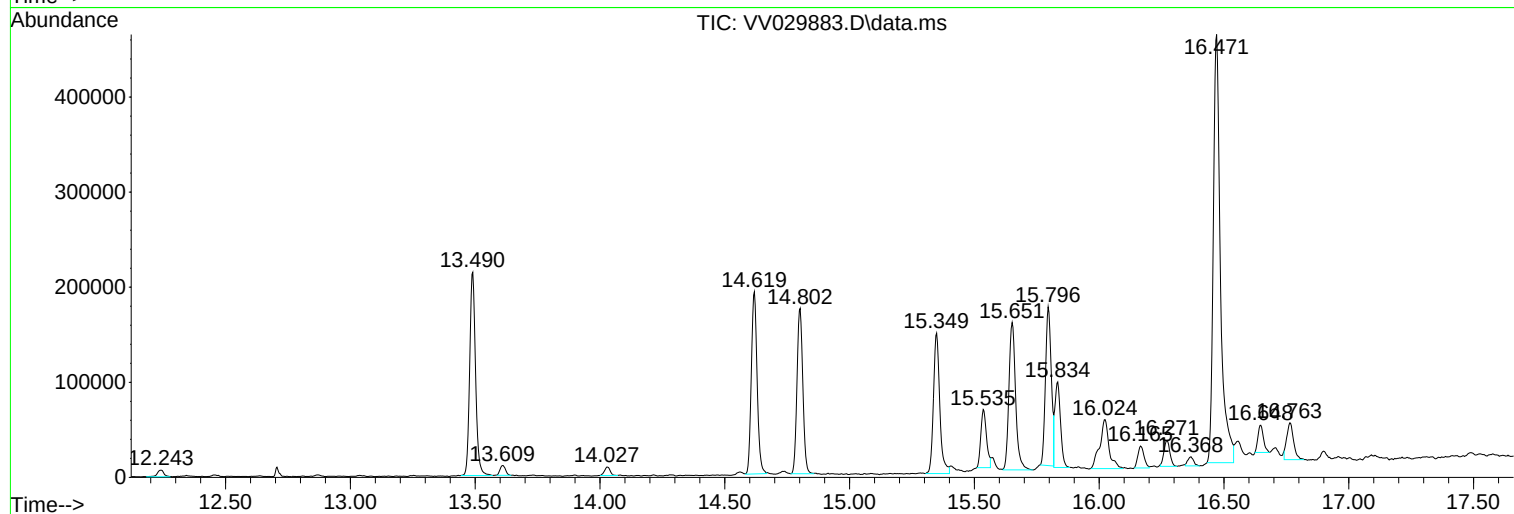
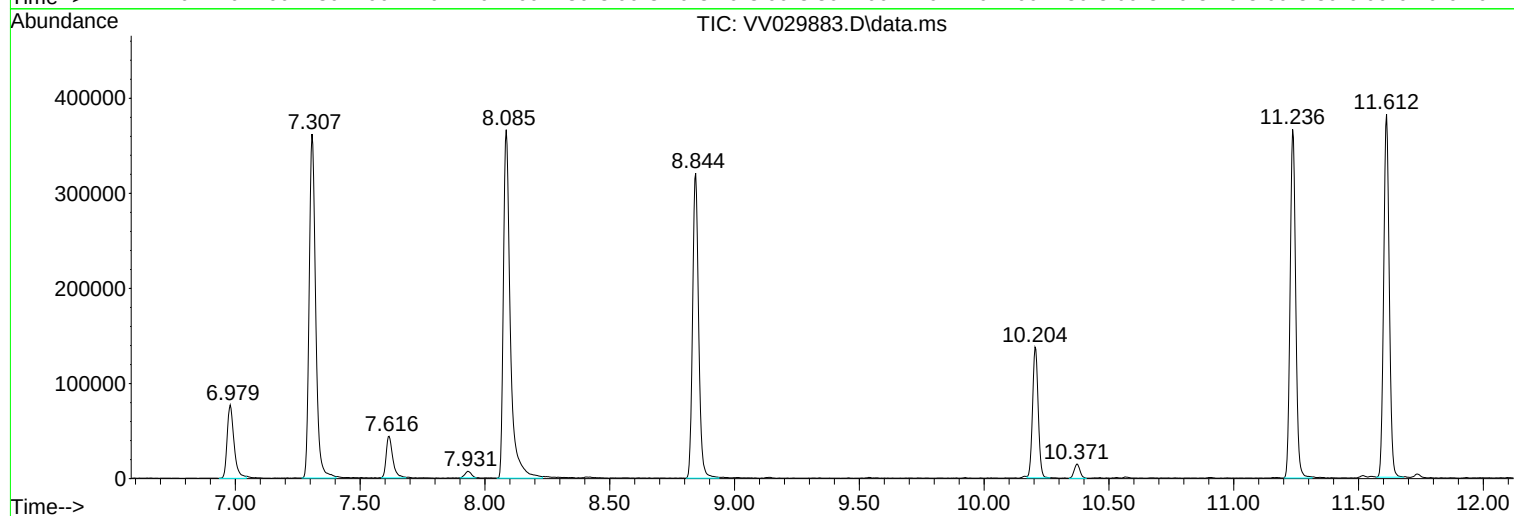
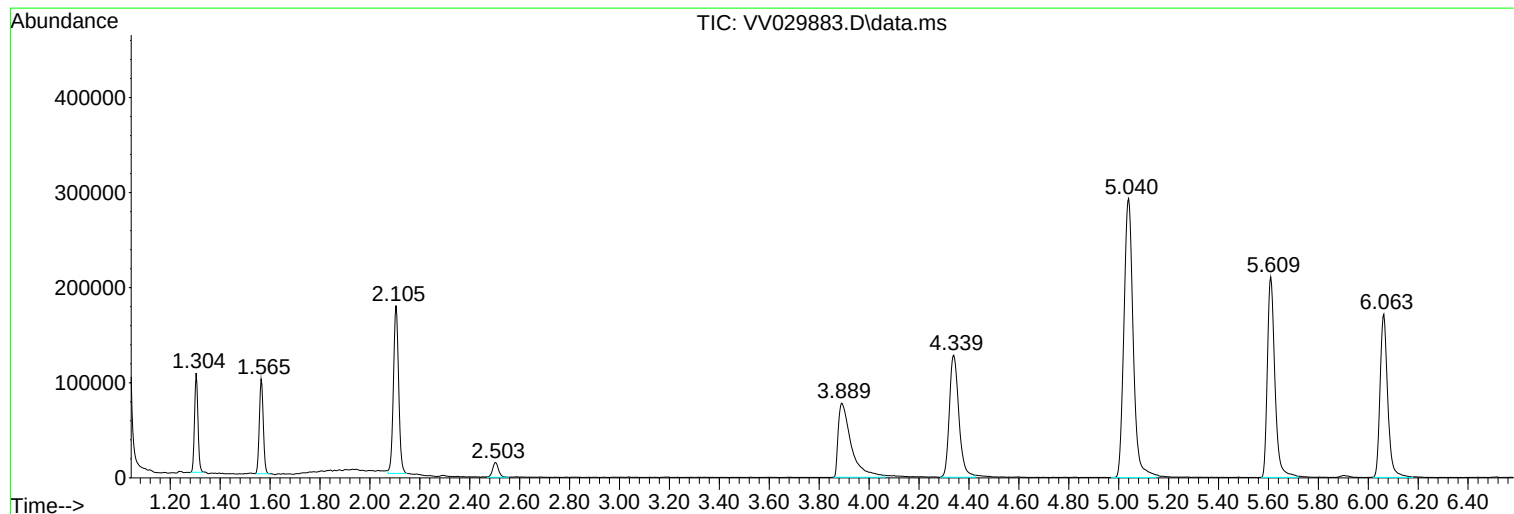
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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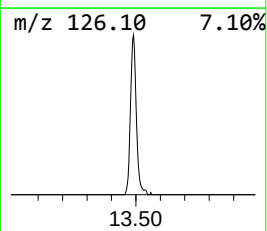
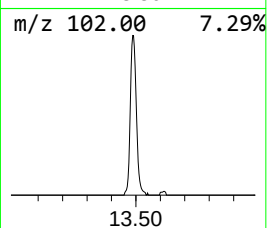
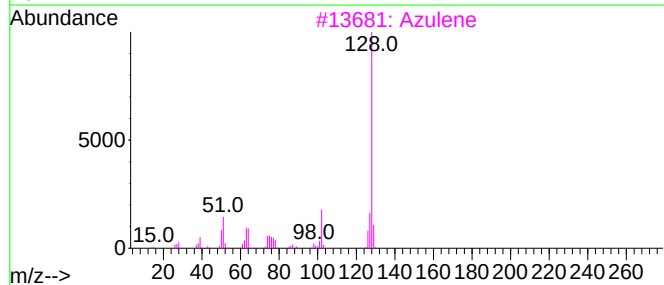
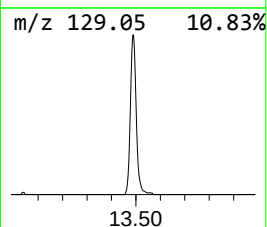
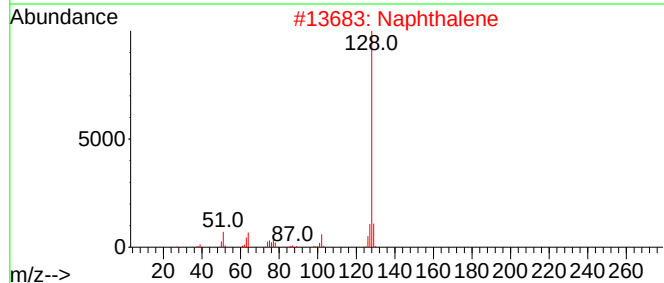
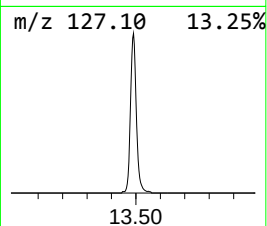
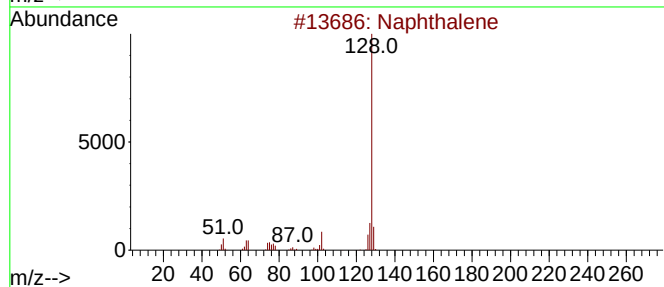
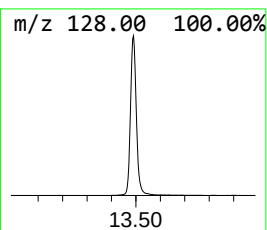
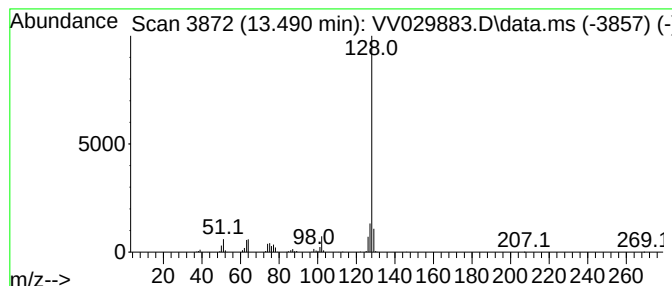
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.490	3.07 ug/L	349912	1,4-Dichlorobenzene-d4	11.236

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Azulene	128	C10H8	000275-51-4	91
4			Azulene	128	C10H8	000275-51-4	91
5			Naphthalene	128	C10H8	000091-20-3	91



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Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

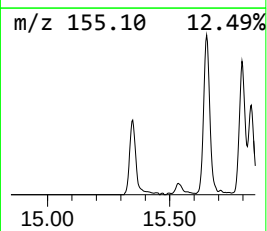
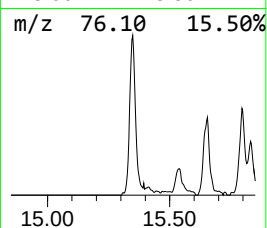
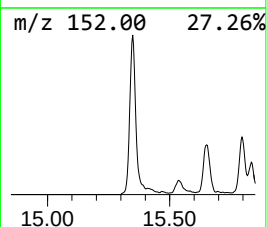
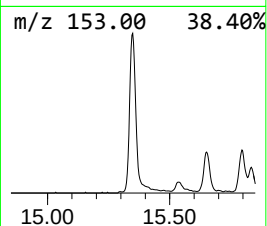
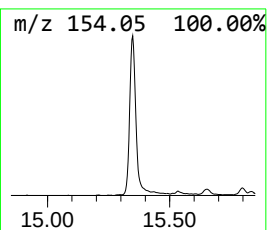
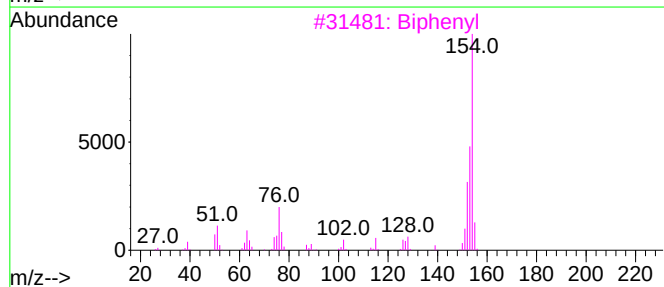
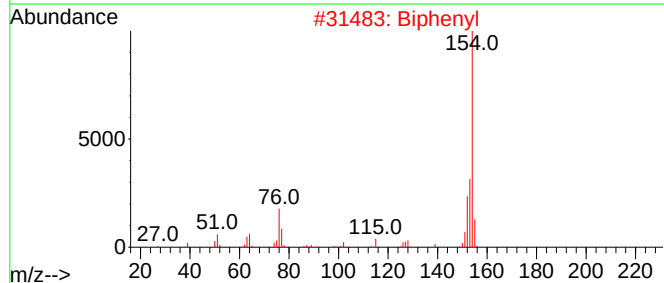
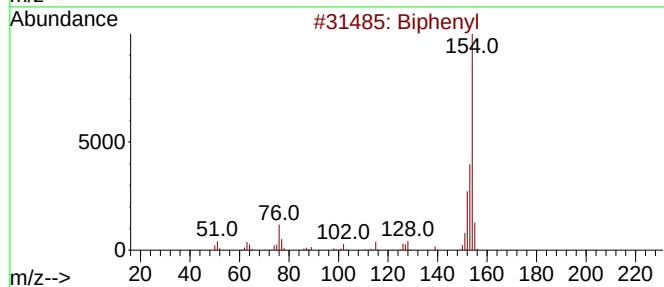
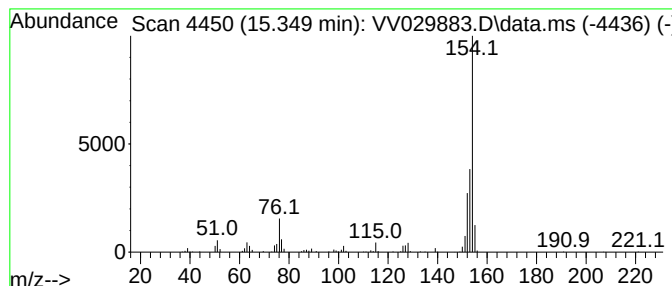
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Naphthalene, 2-ethenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	2.29 ug/L	261384	1,4-Dichlorobenzene-d4	11.236

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl	154	C12H10	000092-52-4	95
2			Biphenyl	154	C12H10	000092-52-4	94
3			Biphenyl	154	C12H10	000092-52-4	91
4			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
5			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87



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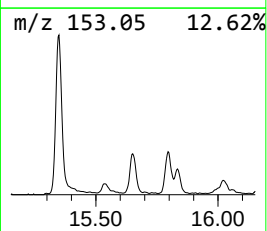
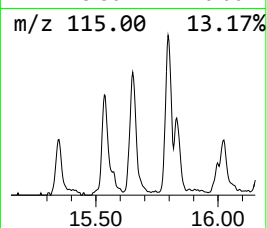
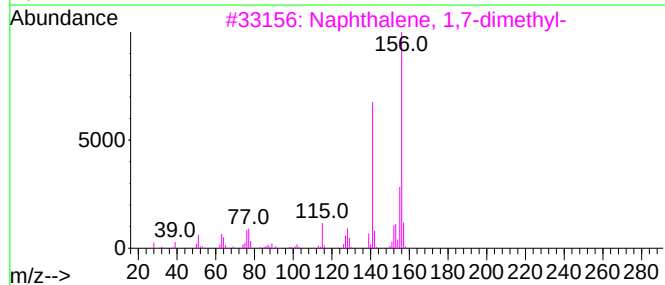
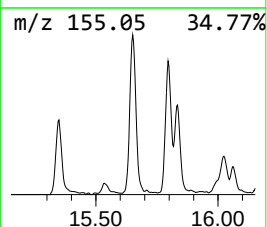
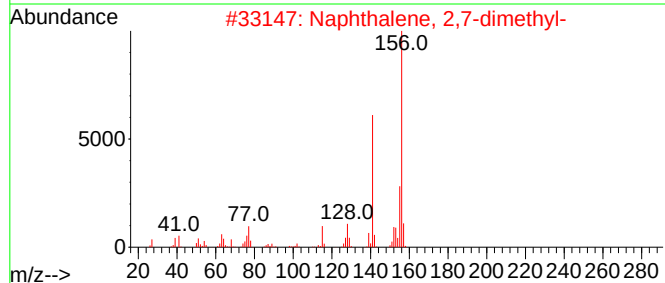
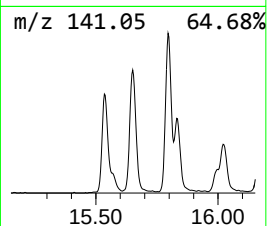
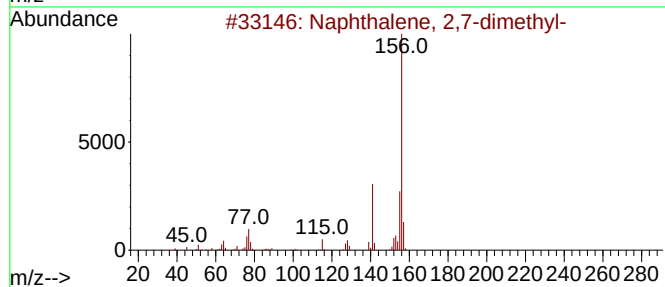
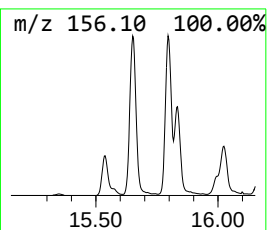
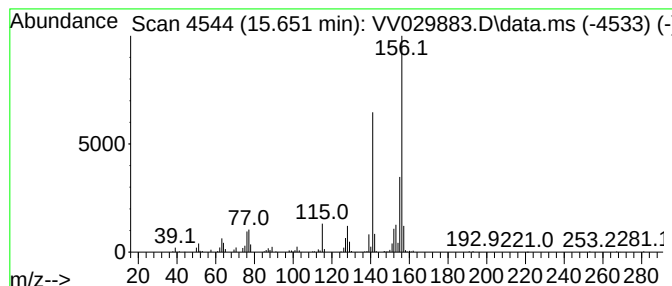
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	2.50 ug/L	285063	1,4-Dichlorobenzene-d4	11.236

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



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Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

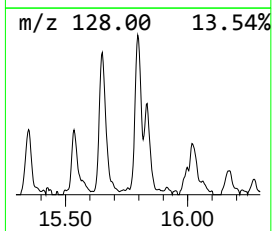
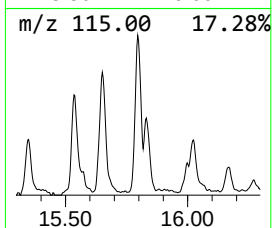
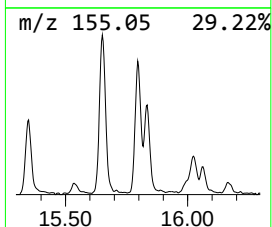
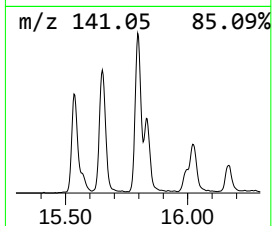
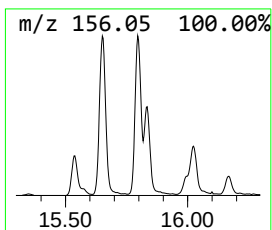
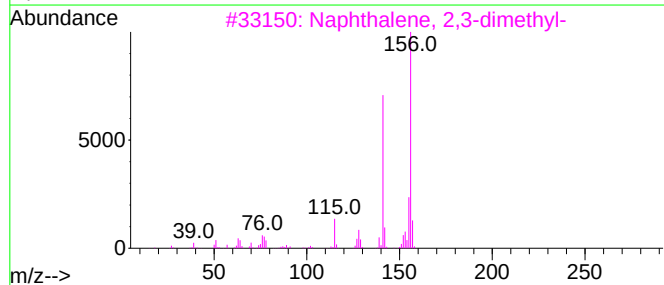
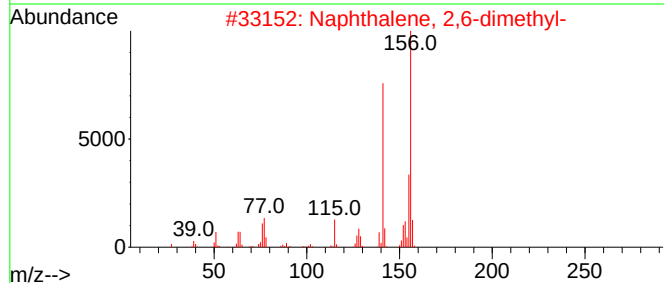
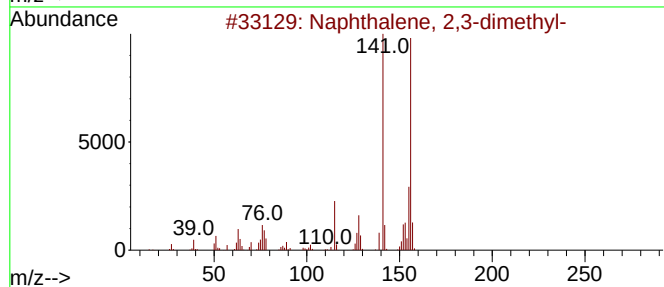
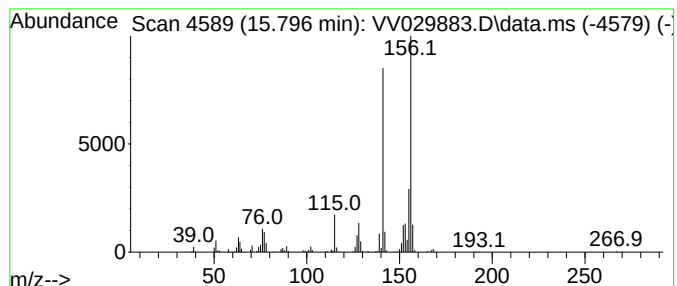
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.796	2.42 ug/L	275981	1,4-Dichlorobenzene-d4	11.236

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



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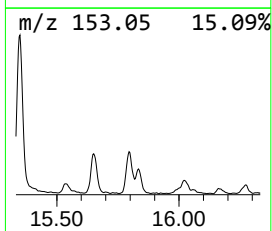
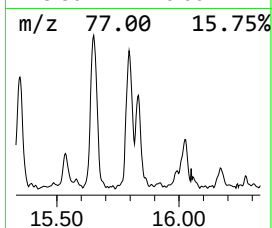
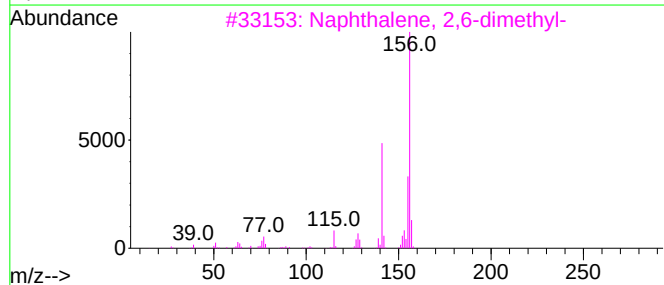
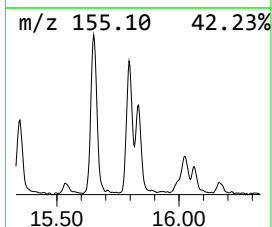
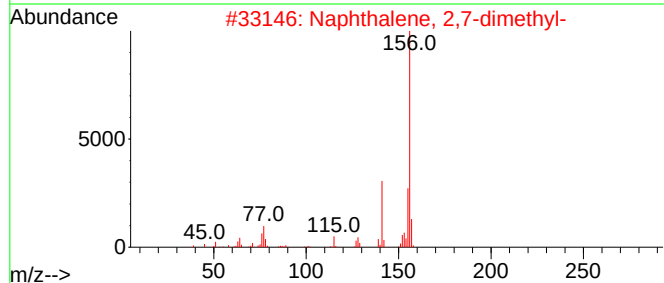
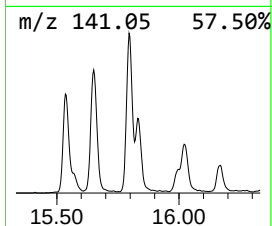
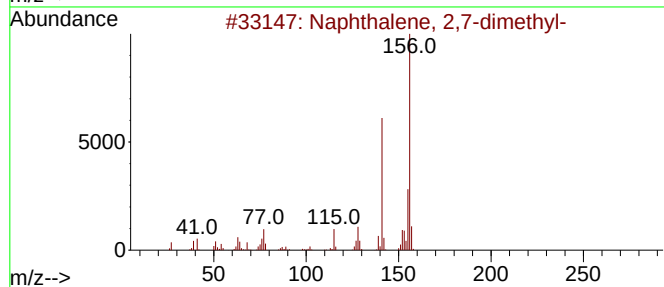
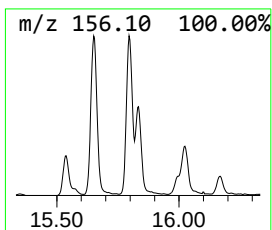
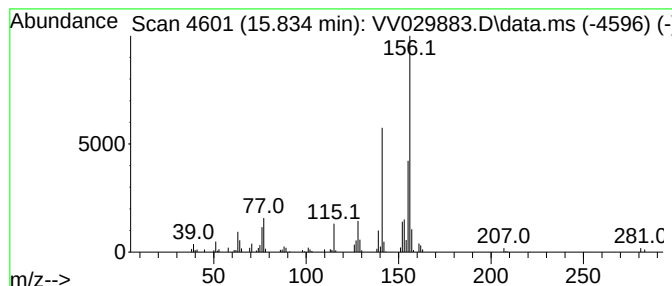
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.834	1.21 ug/L	137473	1,4-Dichlorobenzene-d4	11.236

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011623\
Data File : VV029883.D
Acq On : 16 Jan 2023 17:59
Operator : SY/MD
Sample : 01168-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

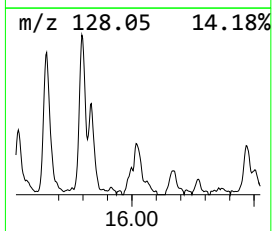
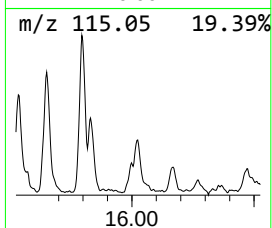
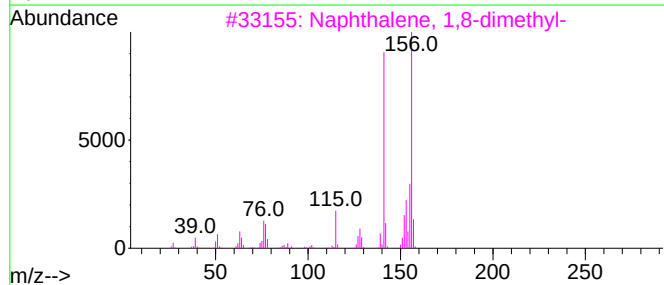
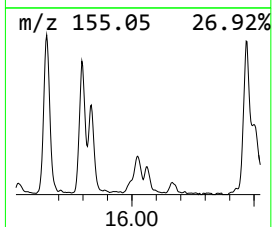
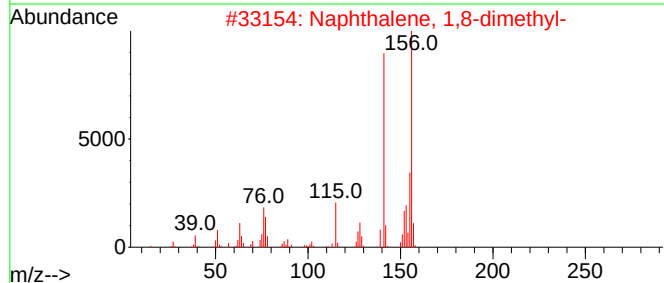
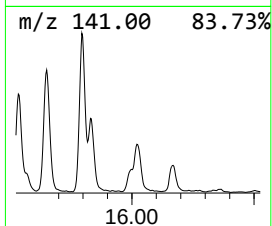
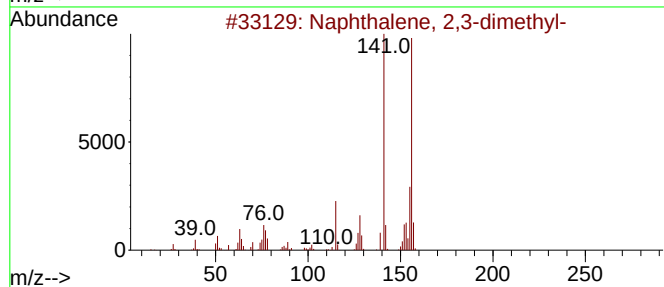
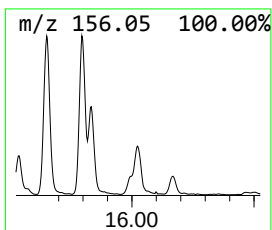
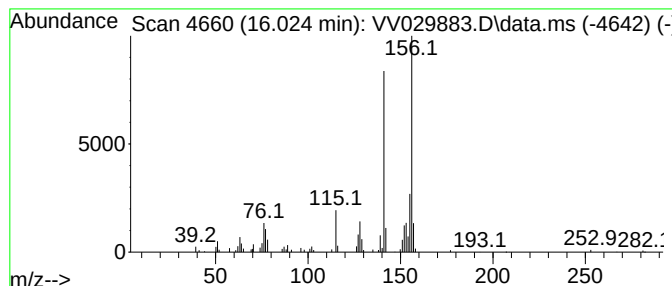
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Naphthalene, 1,8-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.024	1.18 ug/L	134047	1,4-Dichlorobenzene-d4	11.236

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
3			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011623\
Data File : VV029883.D
Acq On : 16 Jan 2023 17:59
Operator : SY/MD
Sample : 01168-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

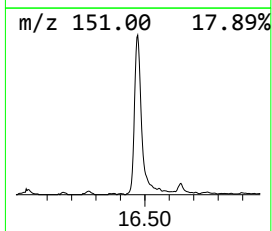
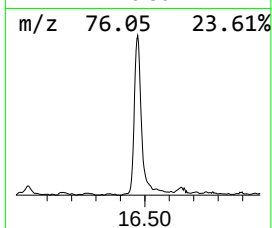
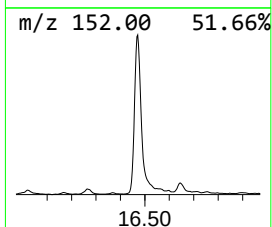
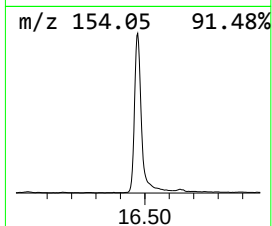
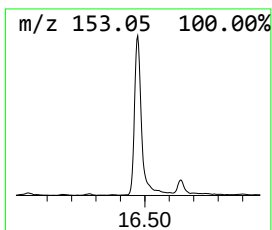
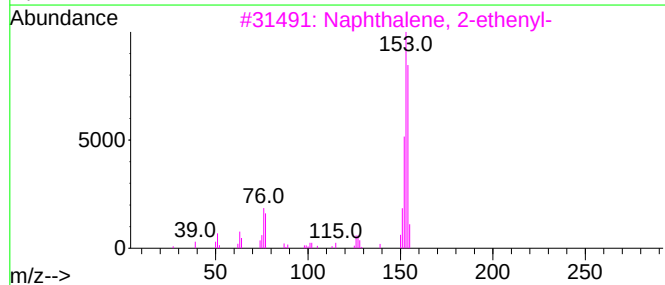
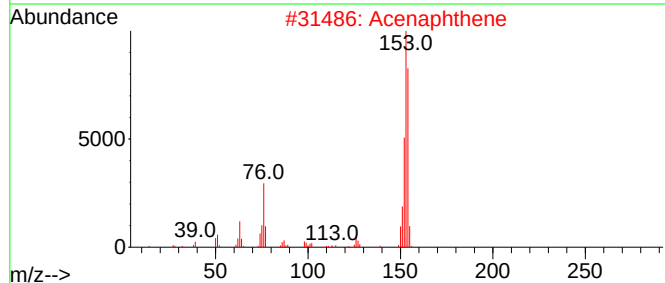
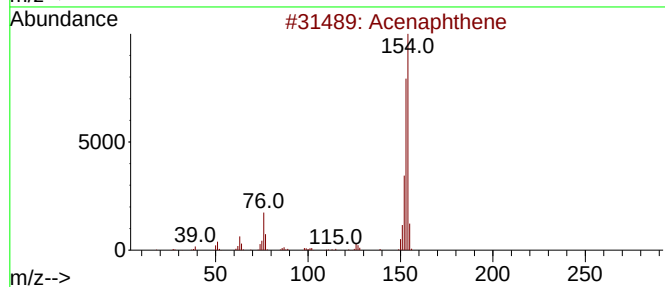
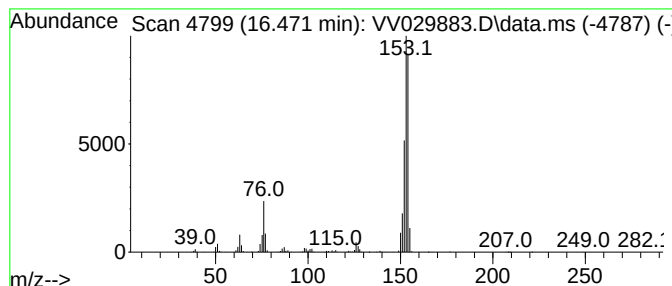
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.471	7.86 ug/L	896493	1,4-Dichlorobenzene-d4	11.236

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	94
2			Acenaphthene	154	C12H10	000083-32-9	89
3			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
4			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
5			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011623\
Data File : VV029883.D
Acq On : 16 Jan 2023 17:59
Operator : SY/MD
Sample : 01168-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

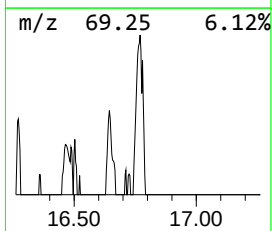
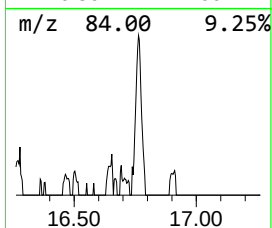
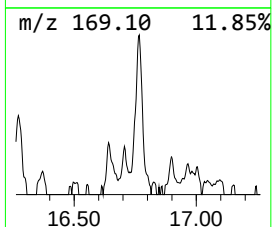
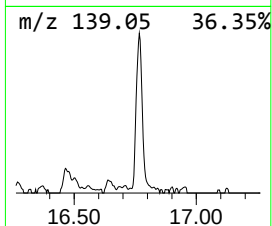
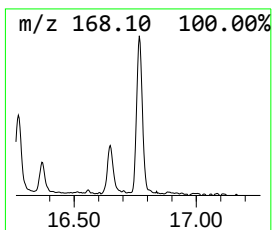
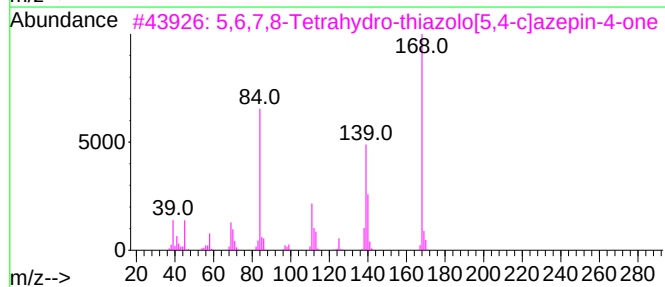
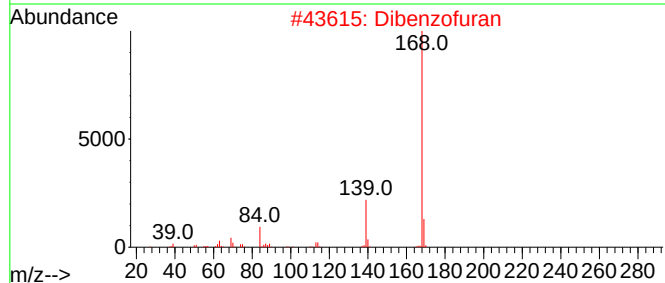
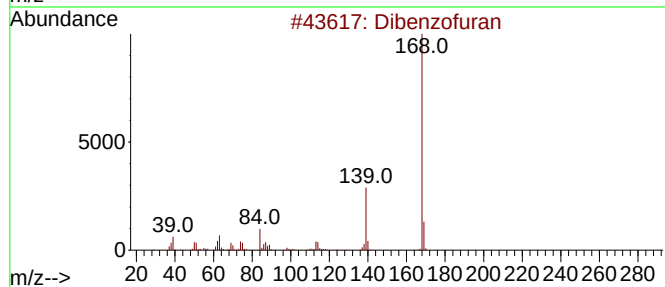
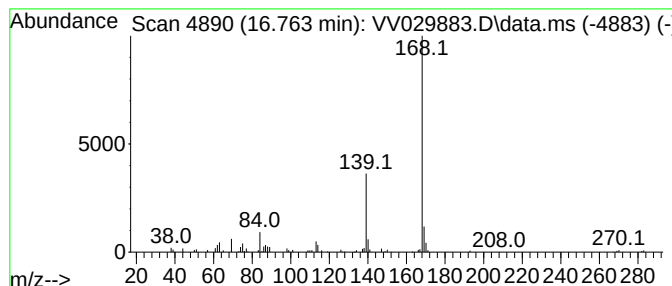
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 5,6,7,8-Tetrahydro-thiazolo... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.763	0.65 ug/L	73765	1,4-Dichlorobenzene-d4	11.236	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	93
2	Dibenzofuran	168	C12H8O	000132-64-9	86
3	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	78
4	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	64
5	Dibenzofuran	168	C12H8O	000132-64-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011623\
Data File : VV029883.D
Acq On : 16 Jan 2023 17:59
Operator : SY/MD
Sample : 01168-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Azulene	13.490	3.1	ug/L	349912	3	11.236	570155	5.0
Naphthalene, 2-...	15.349	2.3	ug/L	261384	3	11.236	570155	5.0
Naphthalene, 2,...	15.651	2.5	ug/L	285063	3	11.236	570155	5.0
Naphthalene, 2,...	15.796	2.4	ug/L	275981	3	11.236	570155	5.0
Naphthalene, 2,...	15.834	1.2	ug/L	137473	3	11.236	570155	5.0
Naphthalene, 1,...	16.024	1.2	ug/L	134047	3	11.236	570155	5.0
Hexa-2,4-diyn-1...	16.471	7.9	ug/L	896493	3	11.236	570155	5.0
5,6,7,8-Tetrahy...	16.763	0.7	ug/L	73765	3	11.236	570155	5.0