

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
 Data File : VV027392.D
 Acq On : 15 Aug 2022 16:47
 Operator : SY/MD
 Sample : N4192-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB6

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\SFAMVTR081122WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV027392.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.195	40	48	60	rBV	26272	53268	8.03%	0.858%
2	1.304	75	82	89	rBV	70324	72657	10.95%	1.171%
3	1.352	89	97	119	rVV2	61059	166515	25.10%	2.683%
4	1.561	156	162	174	rVB	60669	72155	10.88%	1.163%
5	2.101	320	330	341	rVB	120341	170476	25.70%	2.747%
6	2.240	363	373	379	rBV4	7661	12464	1.88%	0.201%
7	2.500	441	454	467	rBV2	17789	30256	4.56%	0.487%
8	2.625	483	493	506	rVB3	9180	19210	2.90%	0.309%
9	3.873	870	881	914	rBV2	76742	224320	33.82%	3.614%
10	4.342	1010	1027	1053	rBV2	107827	272867	41.14%	4.396%
11	5.043	1225	1245	1267	rBV2	225237	563617	84.97%	9.081%
12	5.143	1267	1276	1295	rVB4	9773	28585	4.31%	0.461%
13	5.612	1410	1422	1441	rBV	212502	434260	65.47%	6.996%
14	5.693	1444	1447	1466	rVB3	11072	23598	3.56%	0.380%
15	6.066	1550	1563	1579	rBV	136451	283830	42.79%	4.573%
16	6.985	1838	1849	1871	rBV	57194	113590	17.13%	1.830%
17	7.313	1939	1951	1976	rBV	234922	429632	64.77%	6.922%
18	7.622	2038	2047	2060	rBV2	33552	62944	9.49%	1.014%
19	8.085	2181	2191	2219	rBV	257107	504276	76.03%	8.125%
20	8.850	2418	2429	2454	rBV	331696	569634	85.88%	9.178%
21	10.214	2842	2853	2872	rBV	99393	160854	24.25%	2.592%
22	11.246	3161	3174	3201	rBV	315496	499453	75.30%	8.047%
23	11.622	3278	3291	3316	rBV	241567	386257	58.23%	6.223%
24	13.506	3866	3877	3885	rBV8	4083	8302	1.25%	0.134%
25	14.827	4277	4288	4295	rBV9	8654	13721	2.07%	0.221%
26	15.583	4511	4523	4540	rVB4	13316	26146	3.94%	0.421%
27	15.802	4580	4591	4599	rVB4	12411	21273	3.21%	0.343%
28	16.008	4645	4655	4659	rBV4	18302	27353	4.12%	0.441%
29	16.040	4661	4665	4676	rVB2	18363	24747	3.73%	0.399%
30	16.178	4700	4708	4717	rBV2	19967	28758	4.34%	0.463%
31	16.268	4725	4736	4751	rBV	65158	112614	16.98%	1.814%
32	16.480	4790	4802	4816	rBV	419757	663275	100.00%	10.686%
33	16.657	4850	4857	4865	rVV2	20736	27611	4.16%	0.445%
34	16.908	4929	4935	4943	rVB5	11791	16396	2.47%	0.264%
35	17.380	5074	5082	5093	rBV	46749	81922	12.35%	1.320%

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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_V\Method\SFAMVTR081122WMA.M
Title : TRACE VOA SFAM1.0

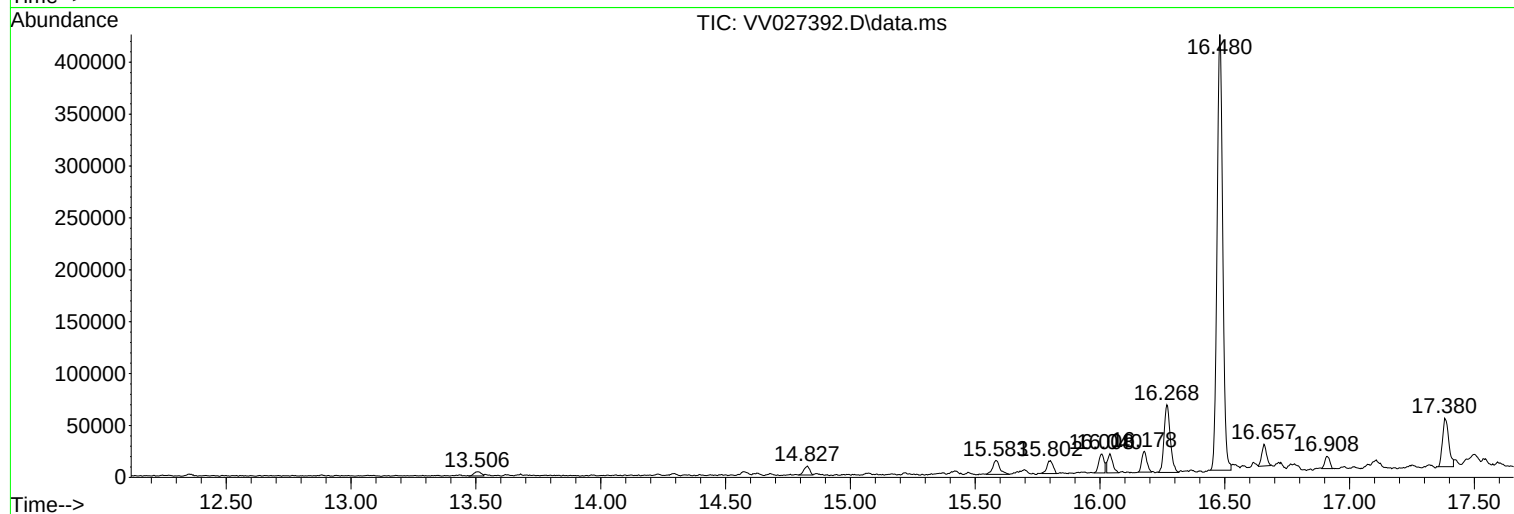
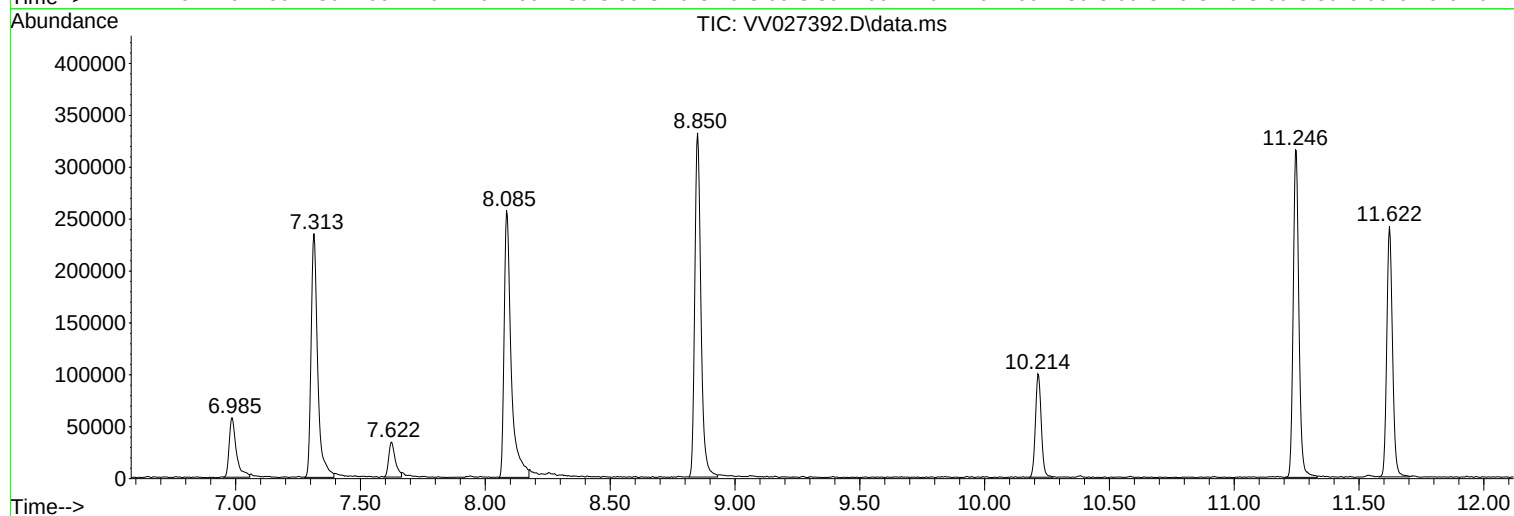
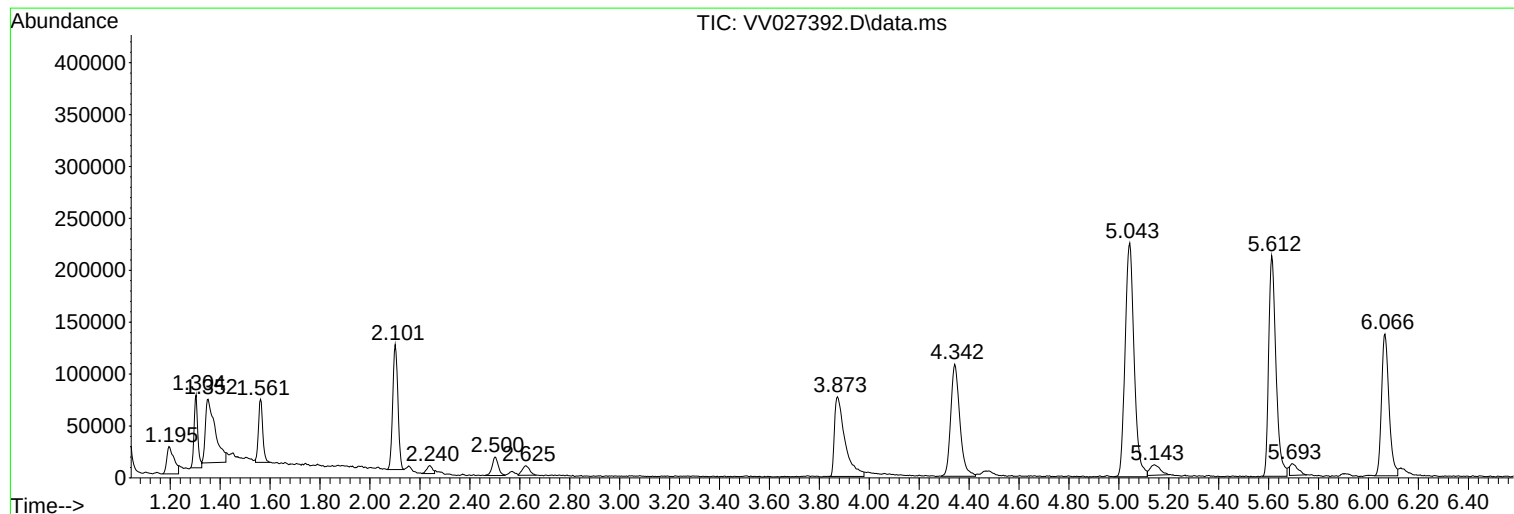
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Quant Title : TRACE VOA SFAM1.0

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



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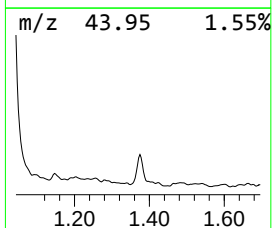
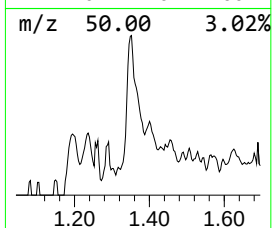
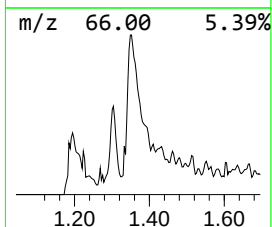
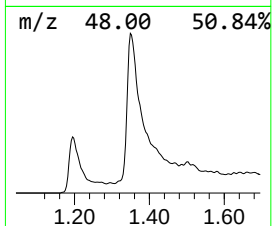
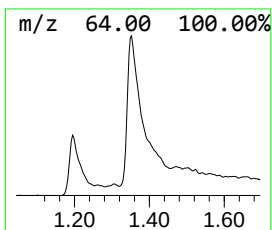
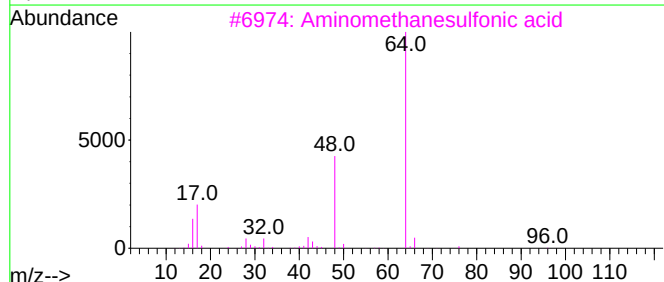
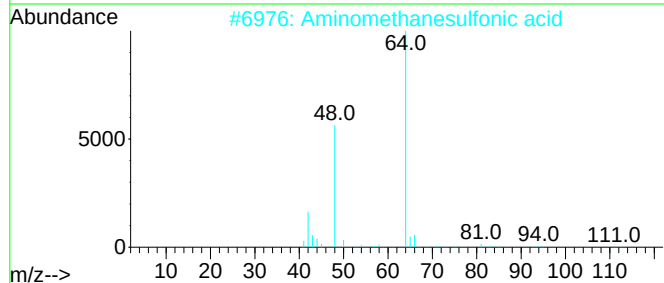
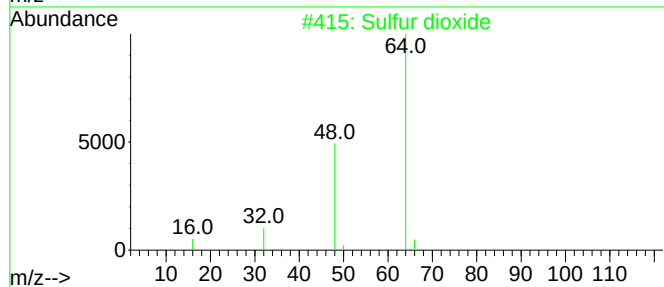
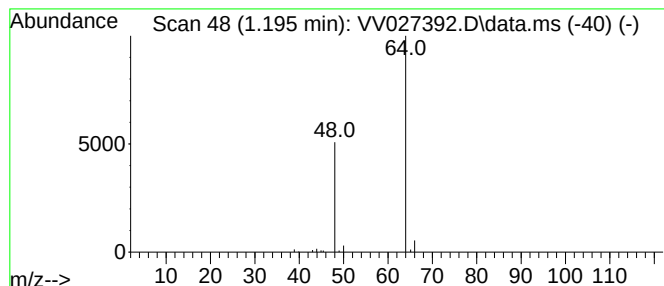
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.195	0.61 ug/L	53268	1,4-Difluorobenzene	5.612

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4			Sulfur dioxide	64	O2S	007446-09-5	9
5			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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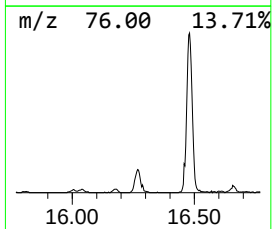
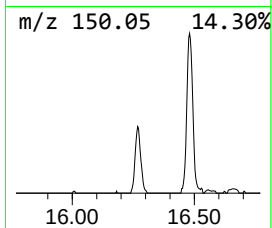
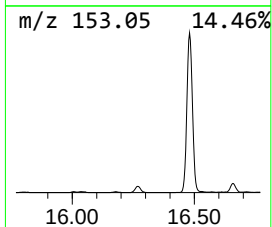
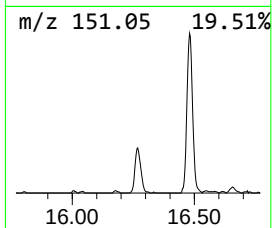
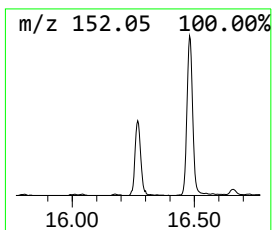
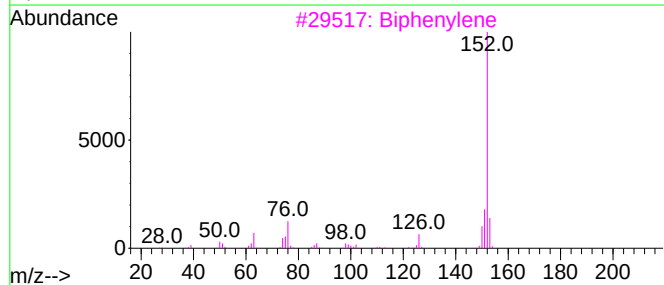
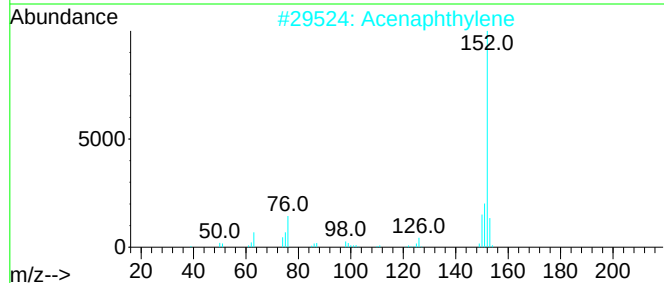
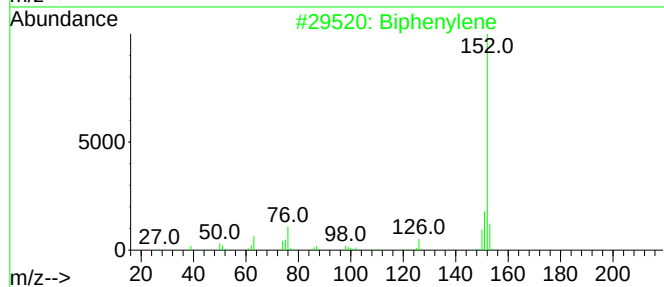
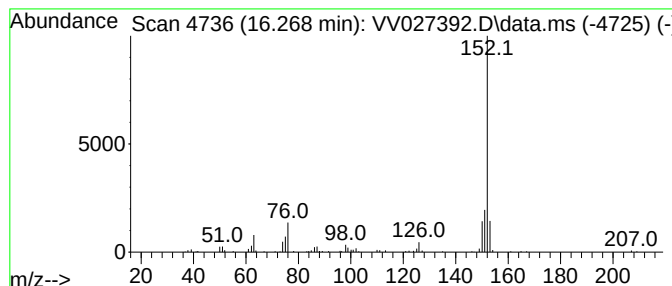
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Biphenylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.268	1.13 ug/L	112614	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenylene	152	C12H8	000259-79-0	97
2			Acenaphthylene	152	C12H8	000208-96-8	95
3			Biphenylene	152	C12H8	000259-79-0	94
4			Acenaphthylene	152	C12H8	000208-96-8	91
5			Acenaphthylene	152	C12H8	000208-96-8	87



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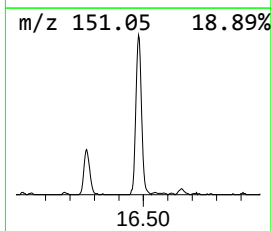
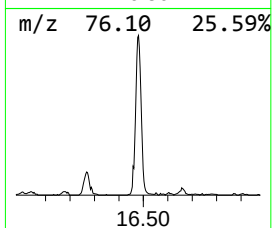
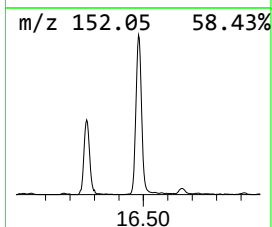
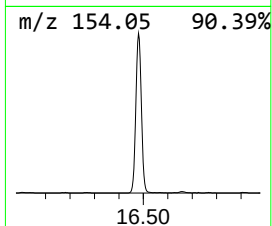
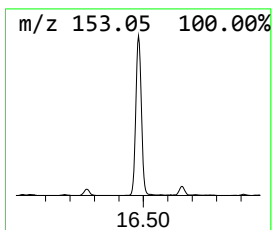
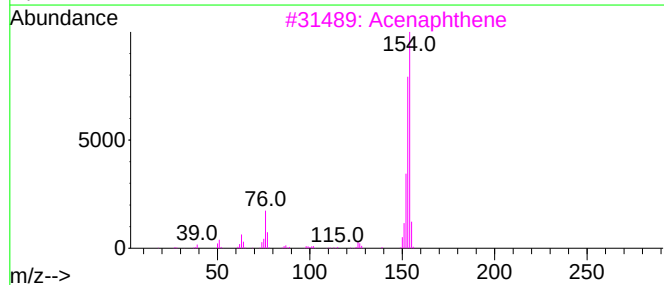
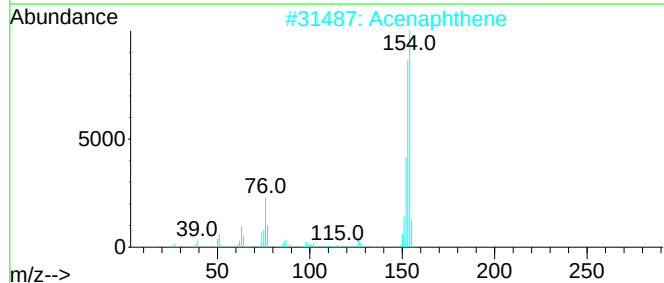
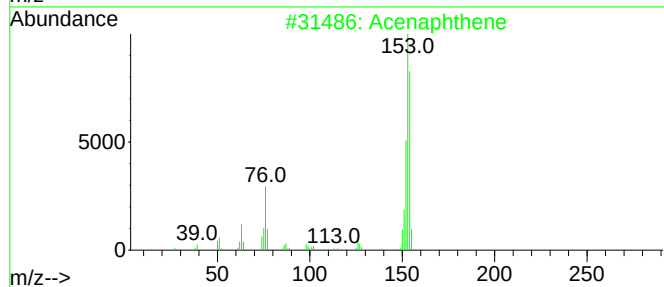
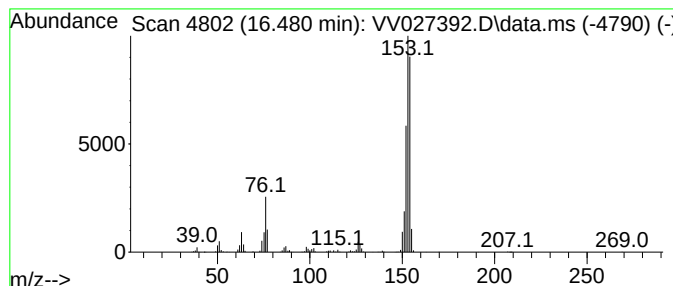
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

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	6.64 ug/L	663275	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	91
3			Acenaphthene	154	C12H10	000083-32-9	81
4			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	68
5			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64



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Instrument :
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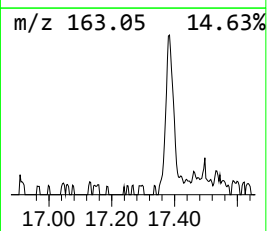
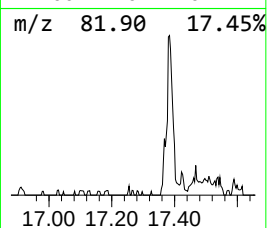
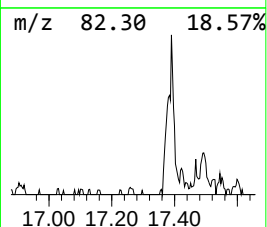
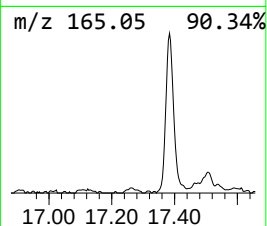
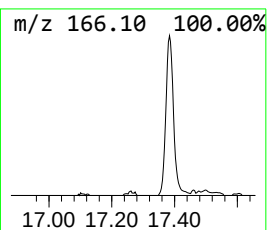
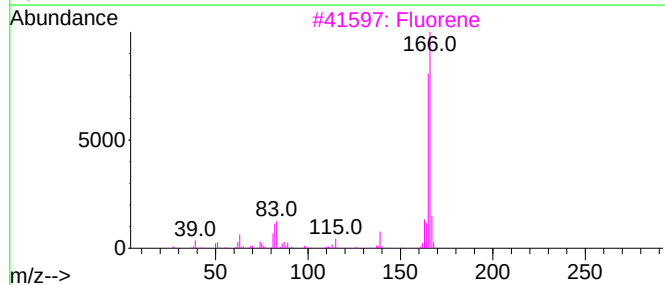
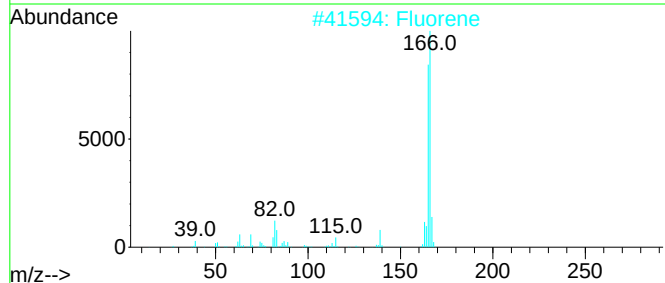
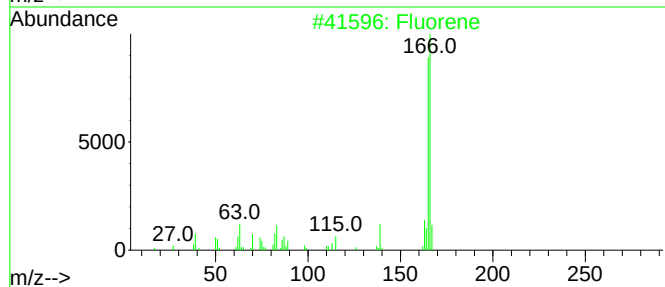
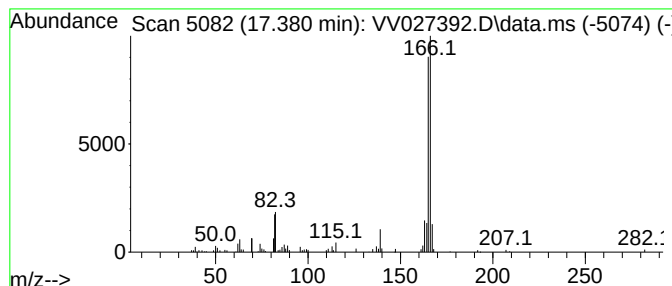
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.380	0.82 ug/L	81922	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluorene	166	C13H10	000086-73-7	91
2			Fluorene	166	C13H10	000086-73-7	90
3			Fluorene	166	C13H10	000086-73-7	87
4			Fluorene	166	C13H10	000086-73-7	87
5			2-Azetidinone, 3,3-diphenyl-	223	C15H13NO	015826-12-7	64



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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
Sulfur dioxide	1.195	0.6	ug/L	53268	1	5.612	434260	5.0
Biphenylene	16.268	1.1	ug/L	112614	3	11.249	499453	5.0
Acenaphthene	16.480	6.6	ug/L	663275	3	11.249	499453	5.0
Fluorene	17.380	0.8	ug/L	81922	3	11.249	499453	5.0