

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
 Data File : VV028086.D
 Acq On : 23 Sep 2022 02:22
 Operator : SY/MD
 Sample : N4621-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB8H9

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\SFAMVTR092222WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV028086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.127	21	27	43	rVB	105093	123856	2.81%	0.988%
2	1.291	72	78	97	rVB	157415	173093	3.93%	1.381%
3	1.404	102	113	120	rBV	36937	49850	1.13%	0.398%
4	1.555	152	160	170	rBV	118159	131652	2.99%	1.050%
5	2.092	318	327	338	rBV	234926	326389	7.41%	2.603%
6	3.291	687	700	713	rBV3	36341	82397	1.87%	0.657%
7	3.934	882	900	925	rBV	68585	273798	6.21%	2.184%
8	4.343	1012	1027	1055	rVB	142926	361457	8.20%	2.883%
9	5.034	1230	1242	1266	rBV2	405314	865968	19.65%	6.907%
10	5.590	1405	1415	1428	rBV	294170	533087	12.10%	4.252%
11	6.040	1543	1555	1579	rVB	201994	420670	9.54%	3.355%
12	6.998	1836	1853	1870	rBV2	88409	176391	4.00%	1.407%
13	7.323	1941	1954	1971	rBV	354411	605699	13.74%	4.831%
14	7.632	2041	2050	2066	rVB2	51079	83576	1.90%	0.667%
15	8.117	2184	2201	2231	rBV	328006	642452	14.58%	5.124%
16	8.857	2419	2431	2459	rBV	307125	518922	11.77%	4.139%
17	10.220	2845	2855	2868	rVB	119633	191026	4.33%	1.524%
18	11.249	3163	3175	3192	rBV	305959	477097	10.82%	3.805%
19	11.525	3246	3261	3281	rBV	3041056	4407366	100.00%	35.155%
20	11.622	3281	3291	3310	rVB	379868	611598	13.88%	4.878%
21	12.114	3433	3444	3454	rBV	59766	95792	2.17%	0.764%
22	12.358	3501	3520	3528	rBV3	28614	55845	1.27%	0.445%
23	12.468	3544	3554	3562	rBV6	27729	56887	1.29%	0.454%
24	12.722	3622	3633	3643	rBV2	78922	121503	2.76%	0.969%
25	12.879	3669	3682	3695	rBV	155631	253245	5.75%	2.020%
26	13.500	3860	3875	3884	rBV2	50329	99788	2.26%	0.796%
27	14.574	4197	4209	4219	rBV	39289	63468	1.44%	0.506%
28	14.818	4274	4285	4298	rBV4	36568	71991	1.63%	0.574%
29	15.808	4583	4593	4603	rBV2	57196	90138	2.05%	0.719%
30	16.480	4790	4802	4816	rBV	356059	572082	12.98%	4.563%

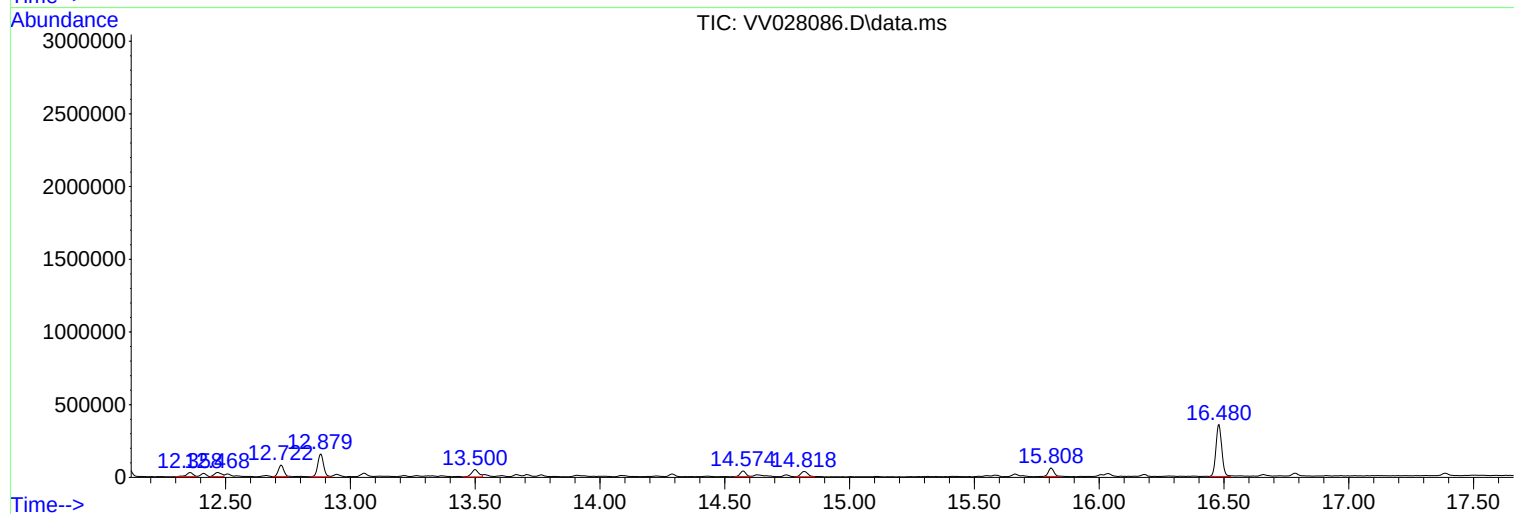
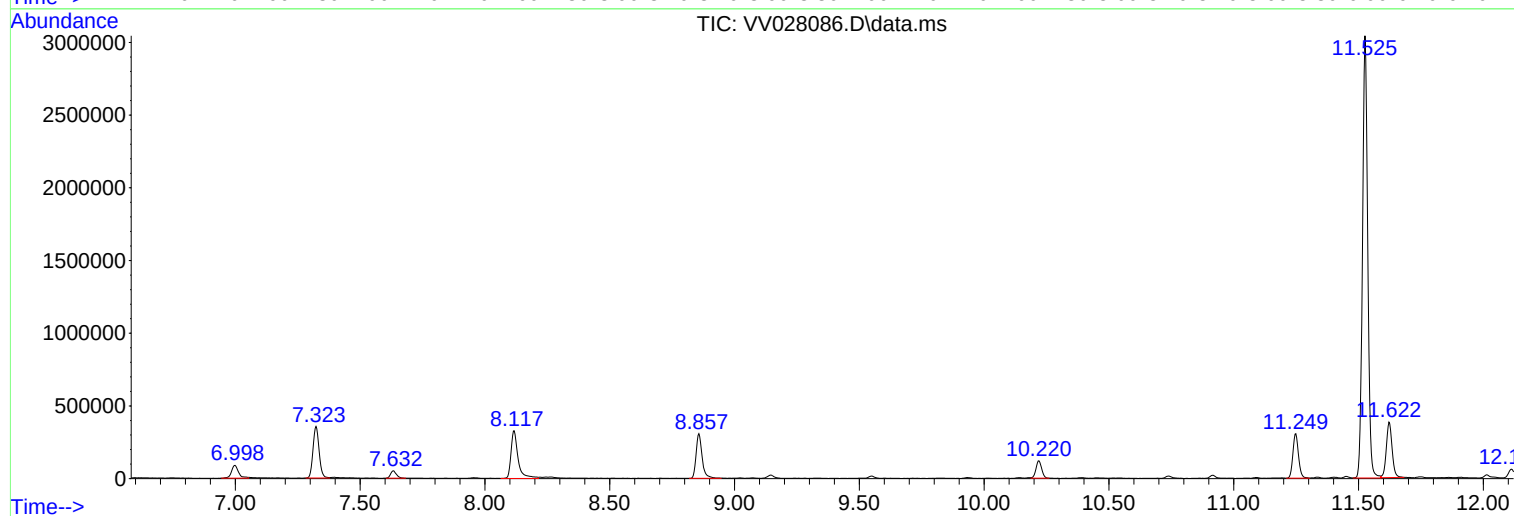
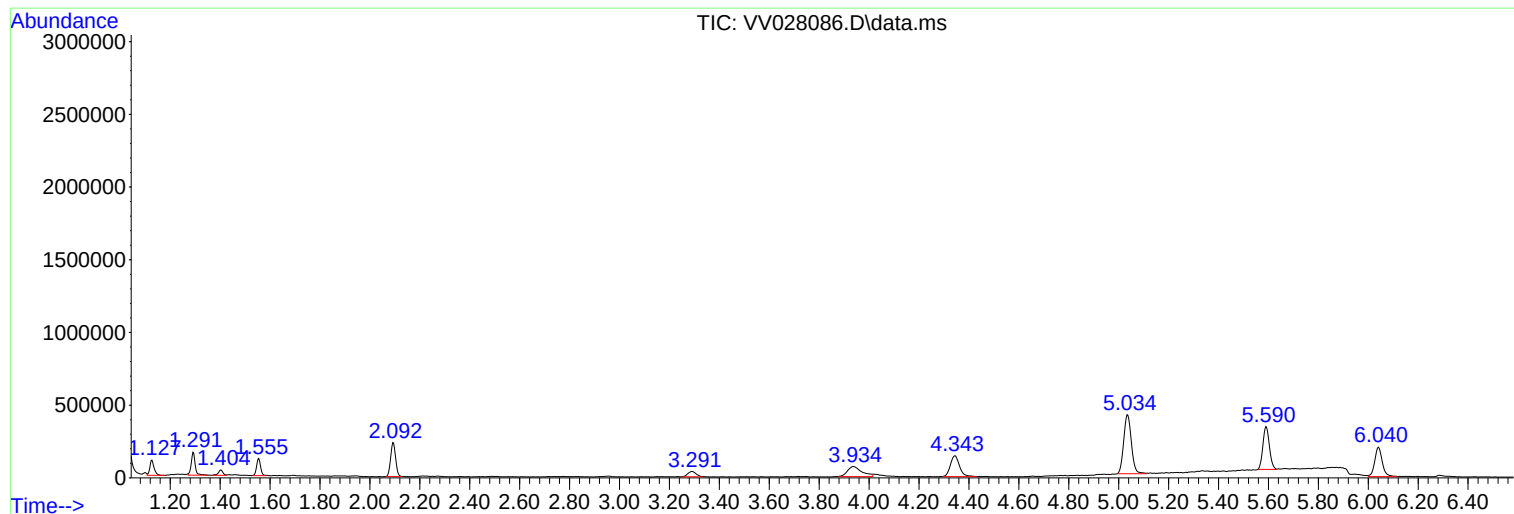
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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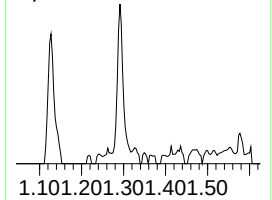
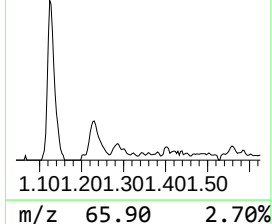
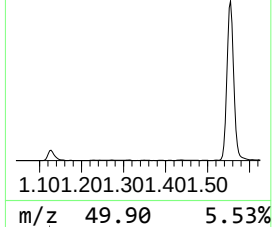
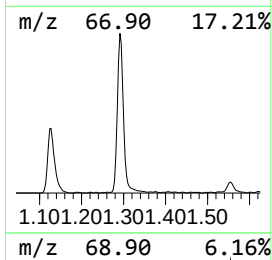
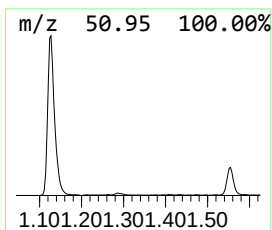
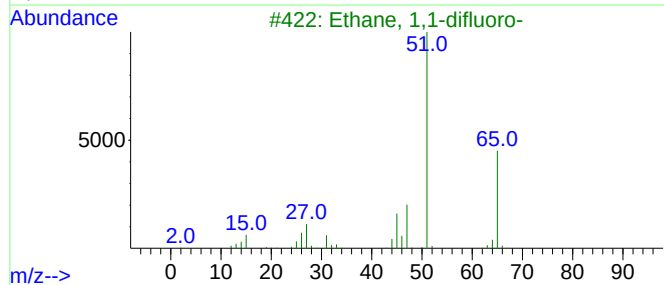
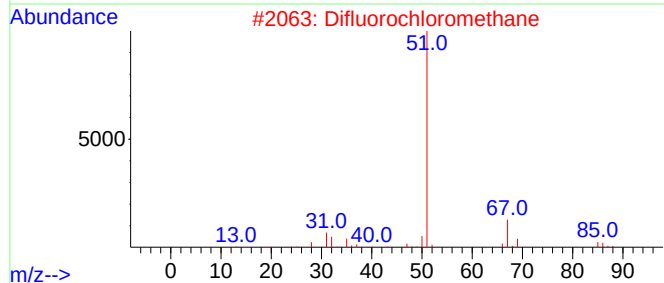
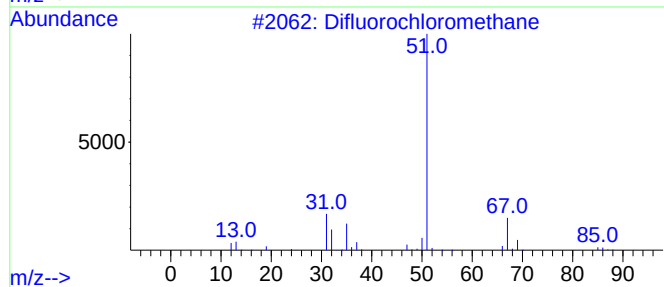
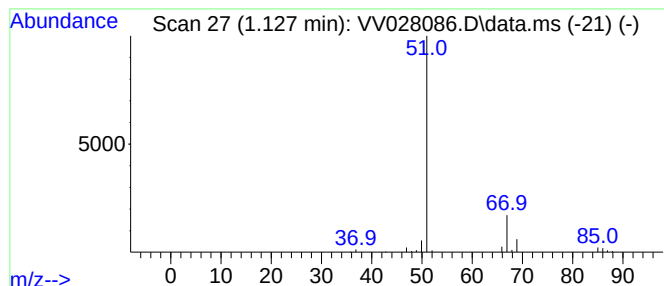
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Difluorochloromethane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.127	1.16 ug/L	123856	1,4-Difluorobenzene	5.590

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Difluorochloromethane	86	CHClF2	000075-45-6	91
2			Difluorochloromethane	86	CHClF2	000075-45-6	91
3			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	7
4			Propionitrile	51	C3HN	001070-71-9	3
5			2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	2



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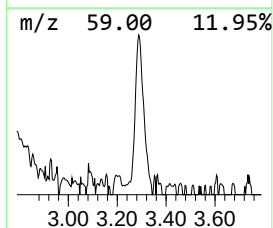
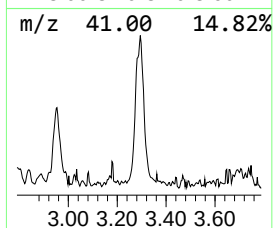
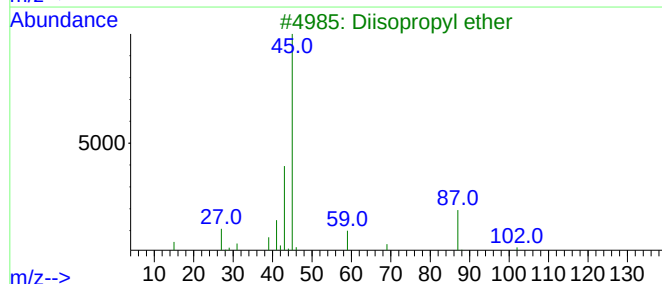
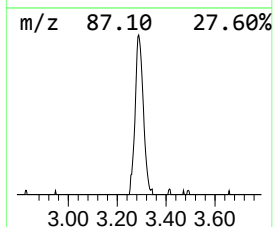
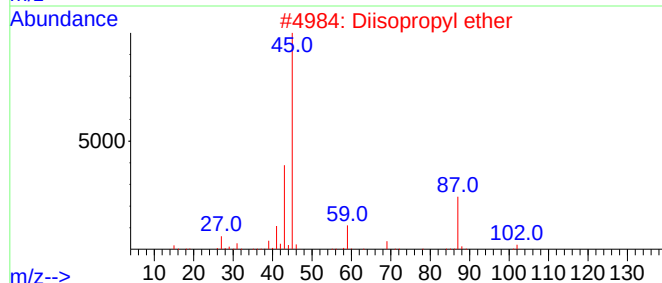
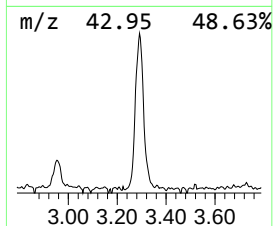
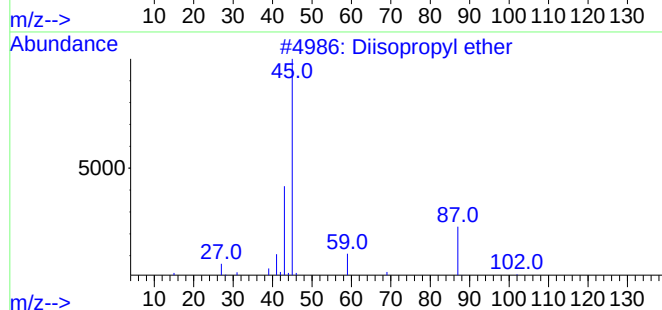
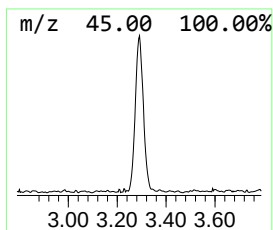
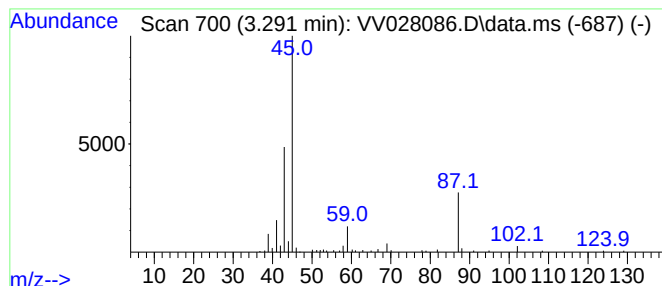
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Diisopropyl ether Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.291	0.77 ug/L	82397	1,4-Difluorobenzene	5.590

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diisopropyl ether	102	C6H14O	000108-20-3	91
2		Diisopropyl ether	102	C6H14O	000108-20-3	90
3		Diisopropyl ether	102	C6H14O	000108-20-3	86
4		Diisopropyl ether	102	C6H14O	000108-20-3	83
5		Diisopropyl ether	102	C6H14O	000108-20-3	83



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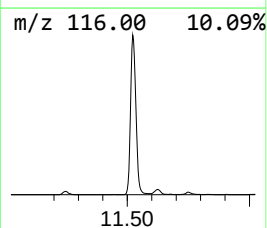
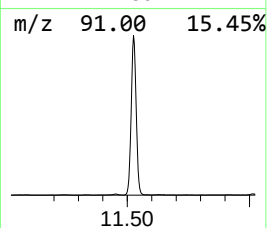
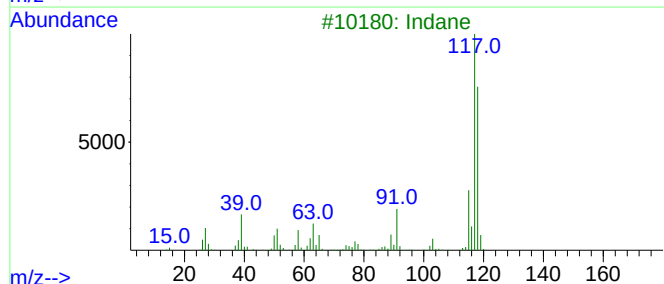
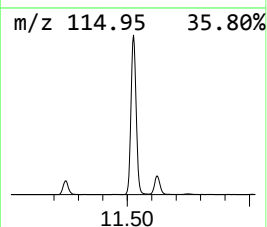
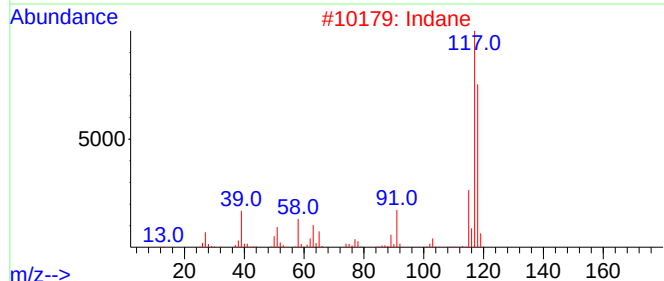
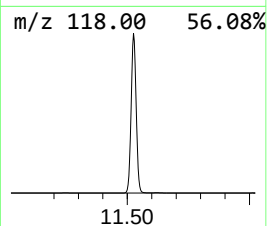
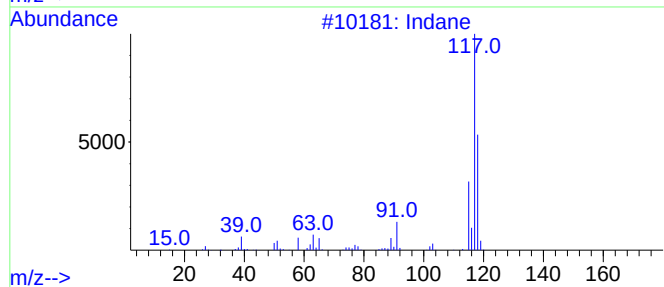
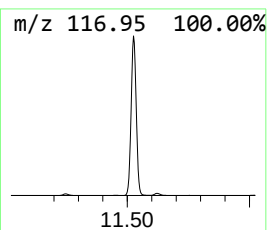
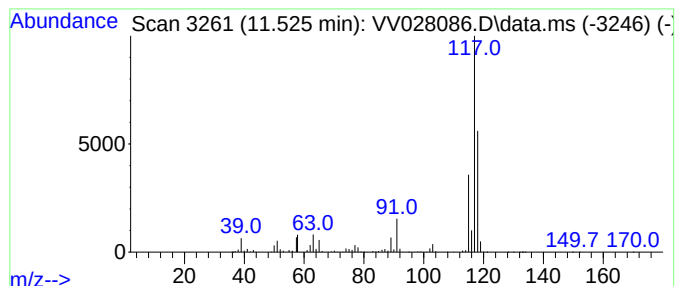
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.525	46.19 ug/L	4407370	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	95
2			Indane	118	C9H10	000496-11-7	91
3			Indane	118	C9H10	000496-11-7	90
4			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74



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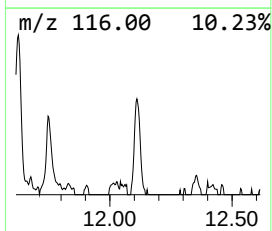
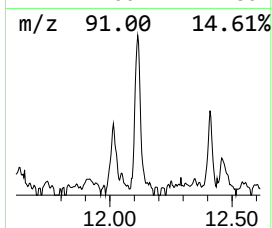
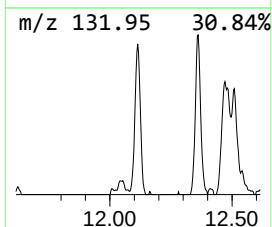
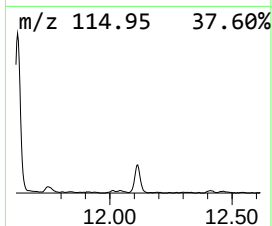
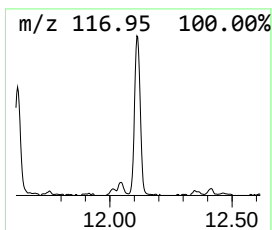
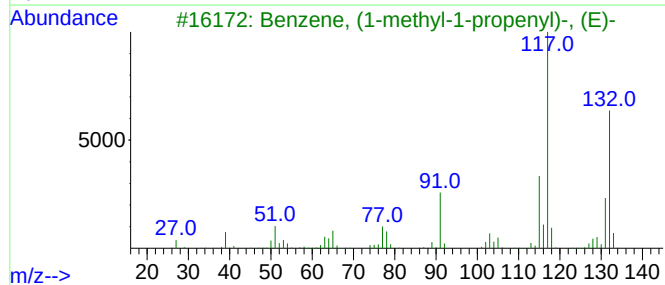
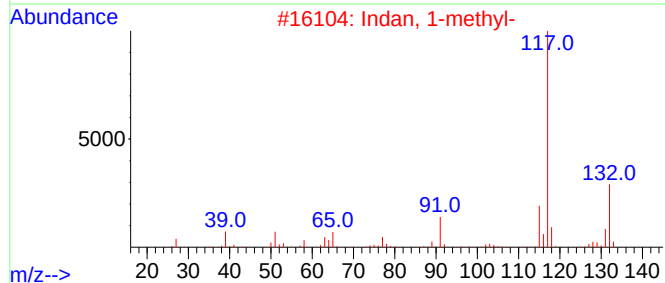
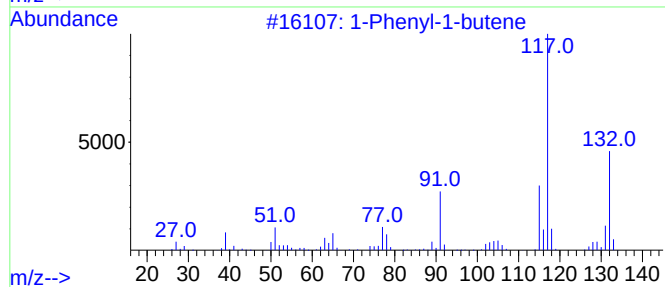
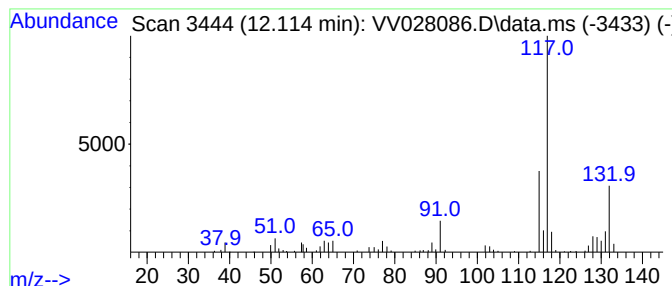
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.114	1.00 ug/L	95792	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2			Indan, 1-methyl-	132	C10H12	000767-58-8	87
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86



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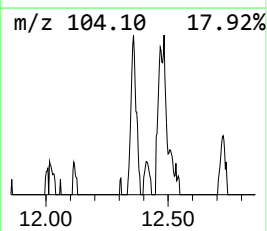
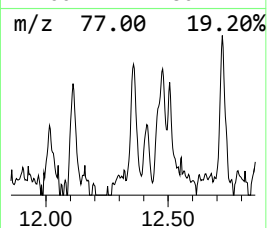
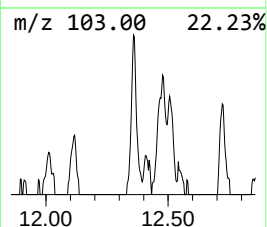
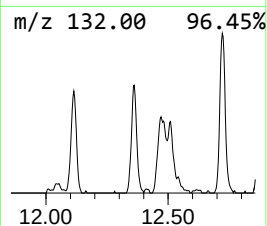
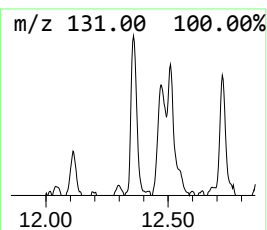
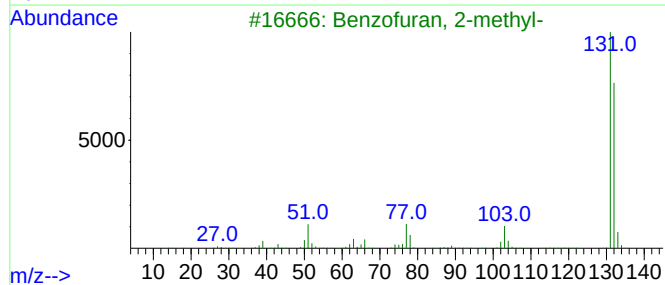
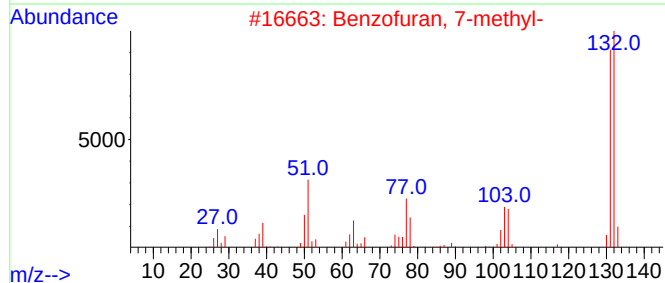
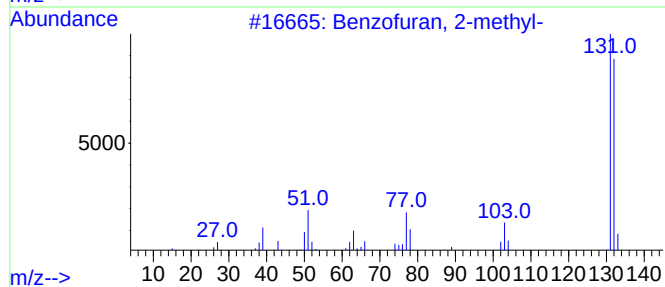
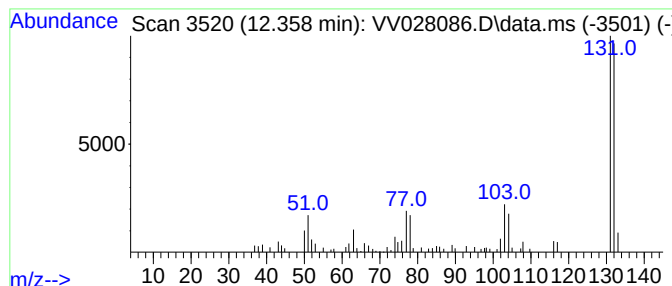
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 BenzoFuran, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.358	0.59 ug/L	55845	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			BenzoFuran, 2-methyl-	132	C9H8O	004265-25-2	93
2			BenzoFuran, 7-methyl-	132	C9H8O	017059-52-8	93
3			BenzoFuran, 2-methyl-	132	C9H8O	004265-25-2	90
4			BenzoFuran, 2-methyl-	132	C9H8O	004265-25-2	90
5			BenzoFuran, 2-methyl-	132	C9H8O	004265-25-2	90



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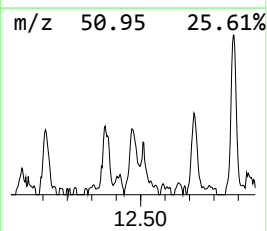
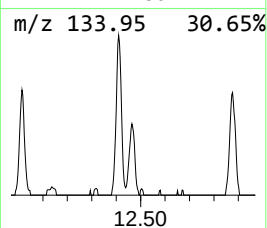
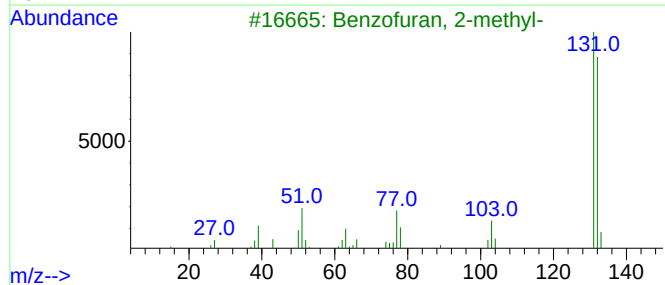
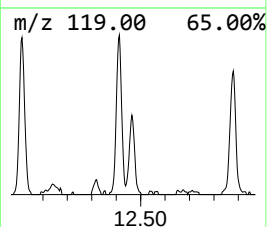
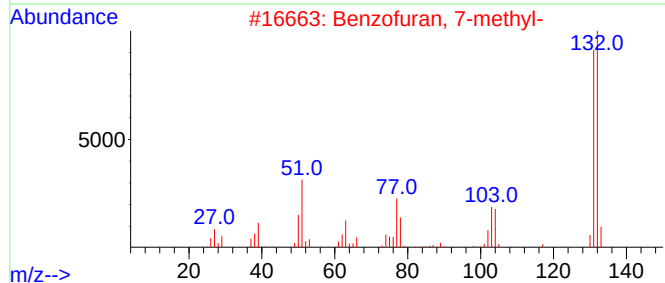
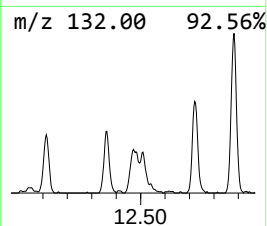
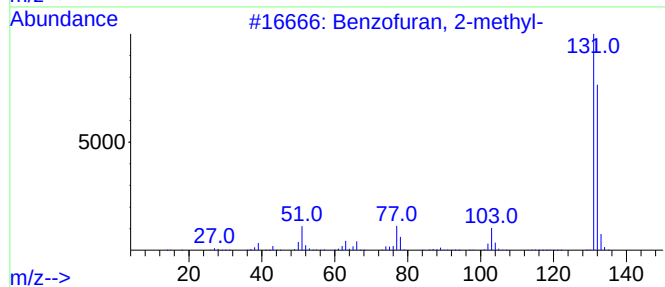
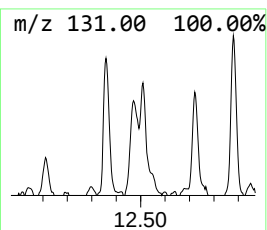
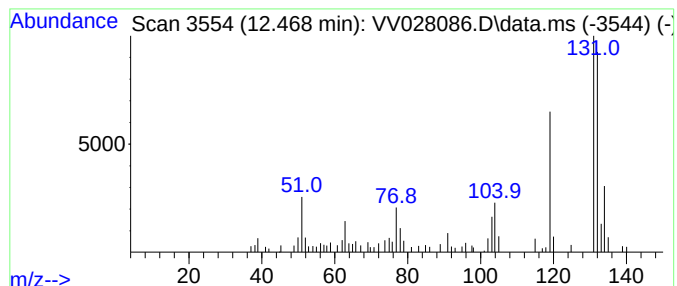
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Benzofuran, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	0.60 ug/L	56887	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	89
2			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	89
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	86
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	86
5			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
Data File : VV028086.D
Acq On : 23 Sep 2022 02:22
Operator : SY/MD
Sample : N4621-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8H9

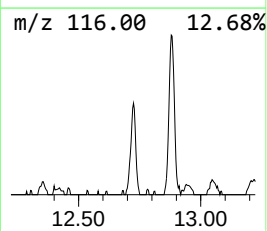
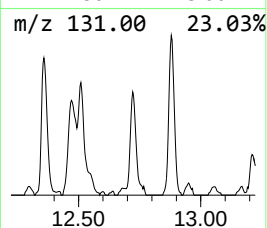
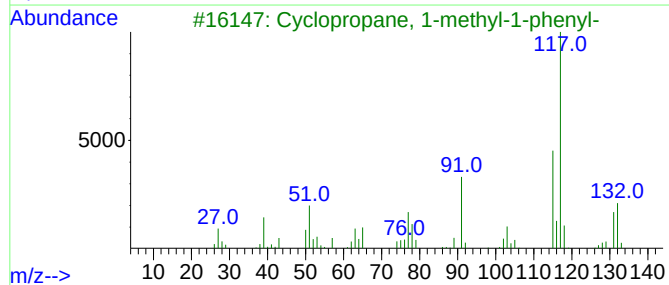
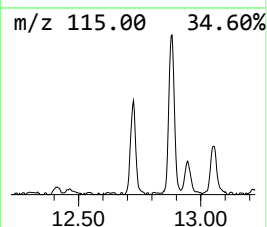
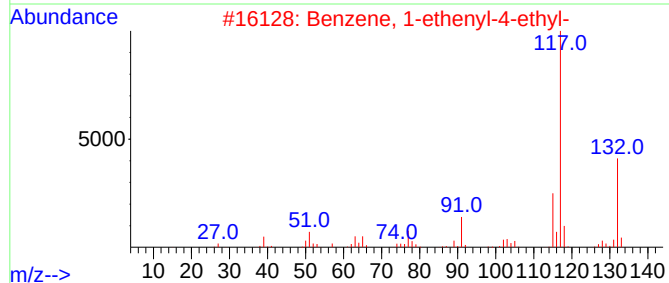
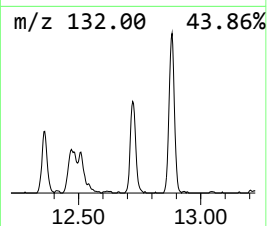
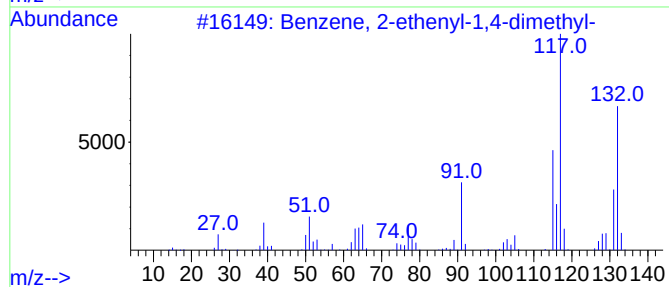
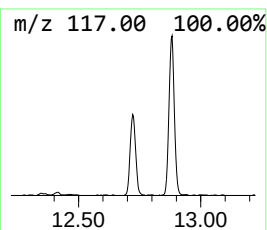
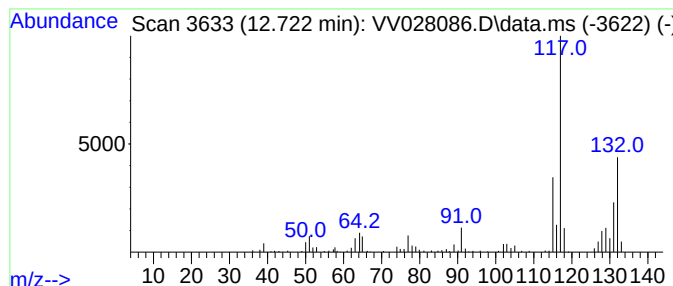
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	1.27 ug/L	121503	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
3			Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	87
4			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
Data File : VV028086.D
Acq On : 23 Sep 2022 02:22
Operator : SY/MD
Sample : N4621-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8H9

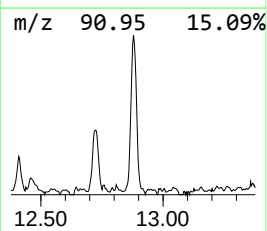
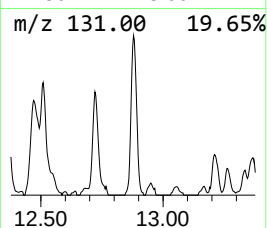
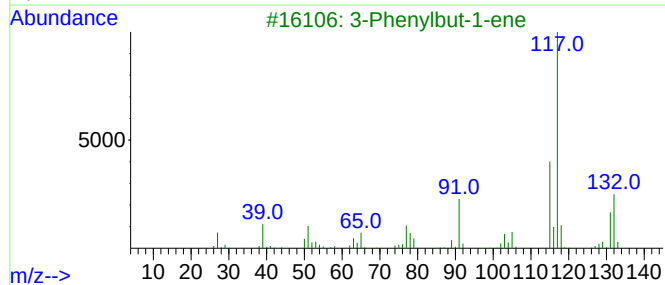
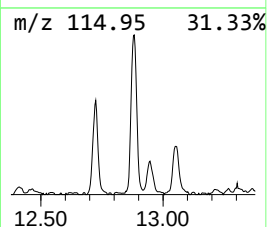
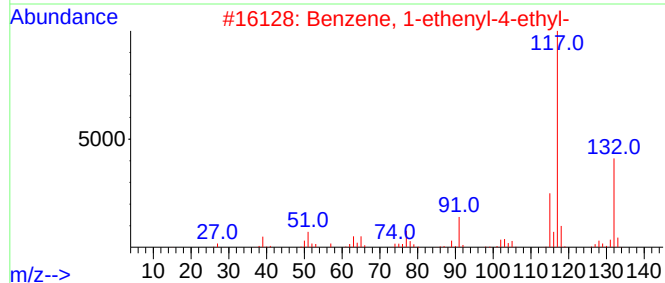
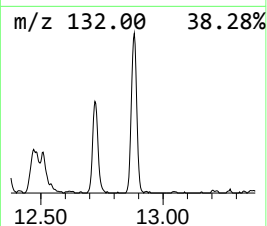
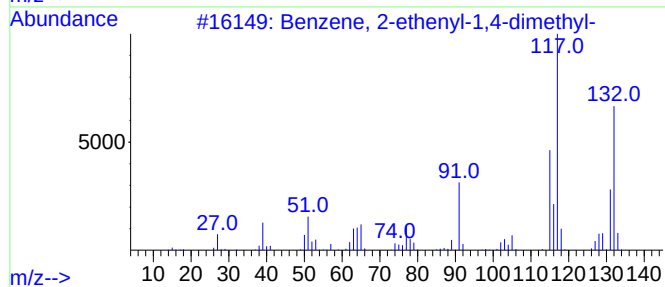
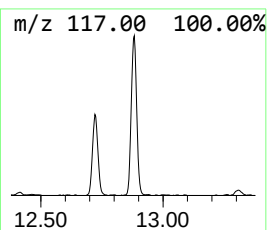
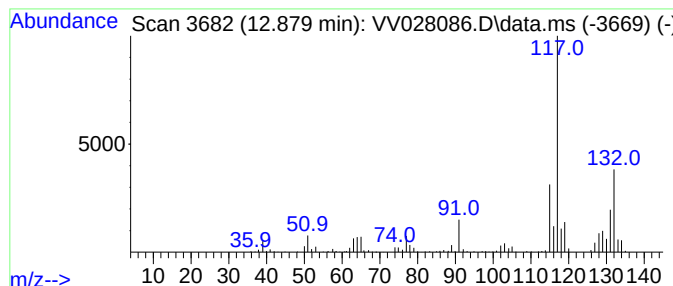
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	2.65 ug/L	253245	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
Data File : VV028086.D
Acq On : 23 Sep 2022 02:22
Operator : SY/MD
Sample : N4621-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8H9

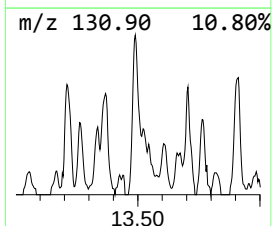
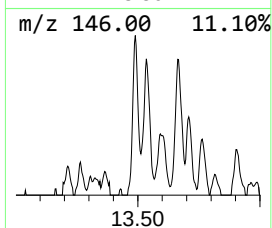
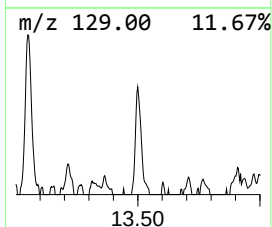
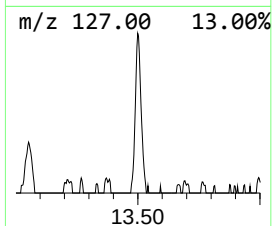
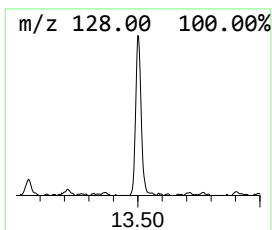
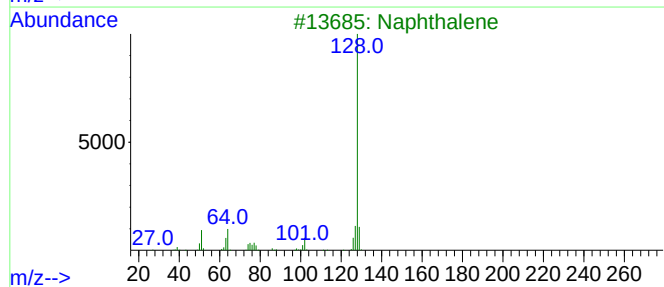
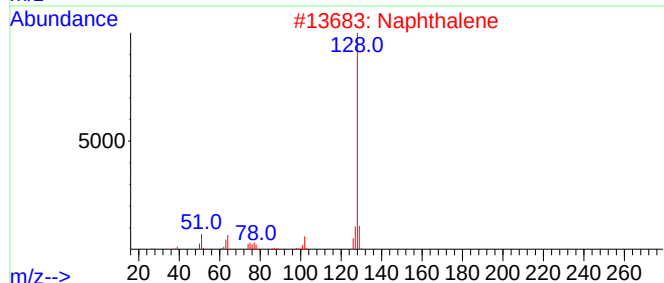
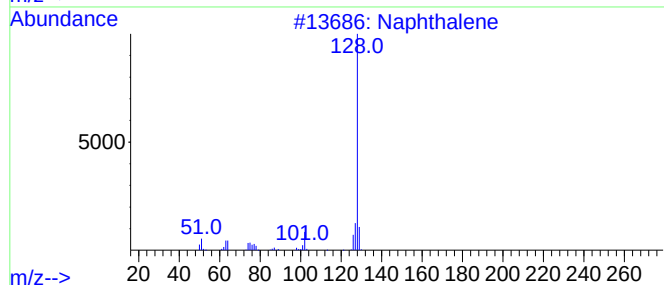
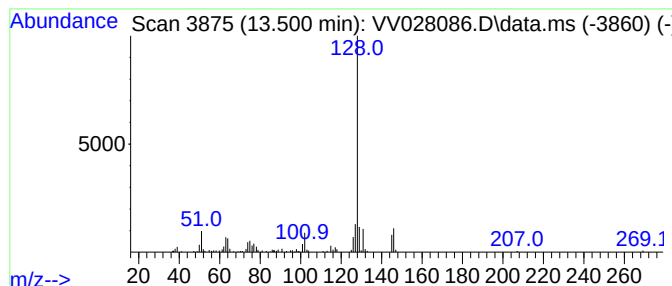
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Azulene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.500	1.05 ug/L	99788	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	94
2			Naphthalene	128	C10H8	000091-20-3	93
3			Naphthalene	128	C10H8	000091-20-3	90
4			Naphthalene	128	C10H8	000091-20-3	81
5			Azulene	128	C10H8	000275-51-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
Data File : VV028086.D
Acq On : 23 Sep 2022 02:22
Operator : SY/MD
Sample : N4621-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8H9

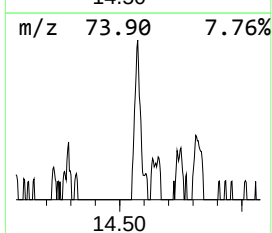
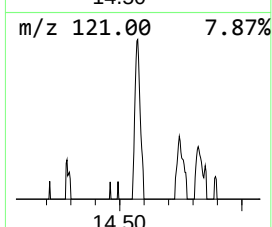
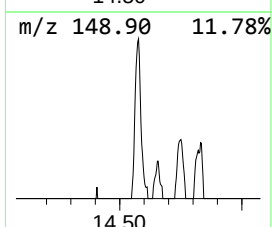
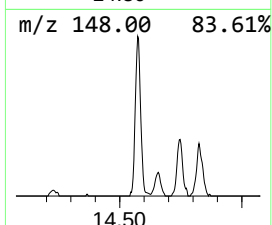
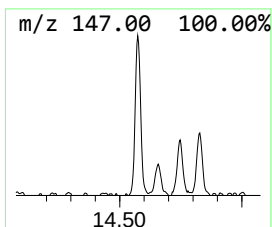
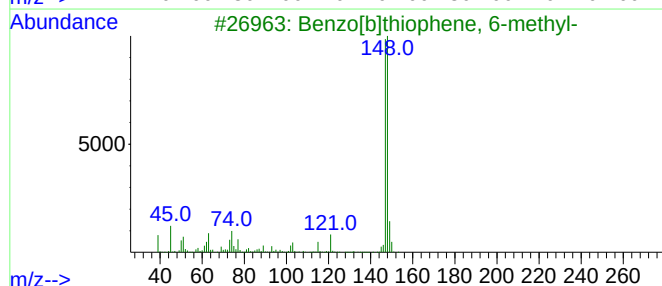
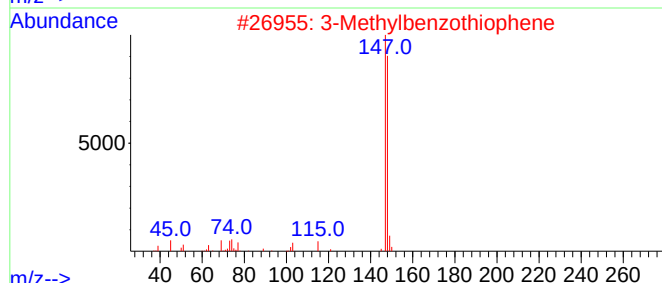
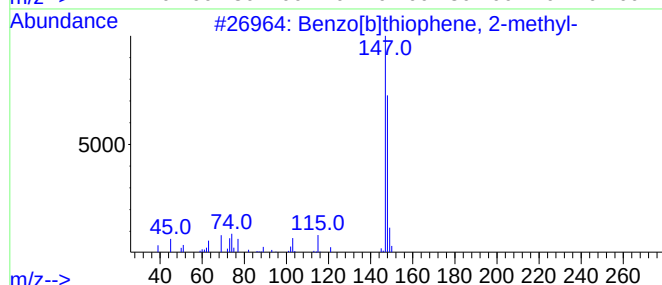
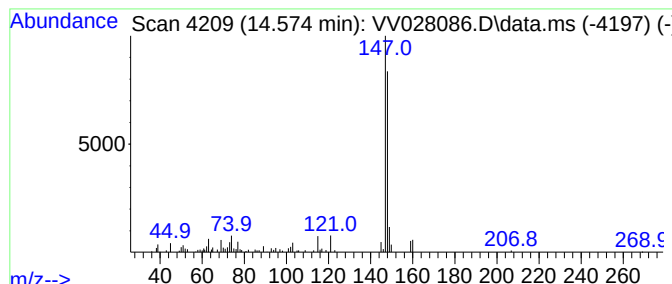
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 Benzo[b]thiophene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.574	0.67 ug/L	63468	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
2			3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
3			Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	90
4			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
5			Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
Data File : VV028086.D
Acq On : 23 Sep 2022 02:22
Operator : SY/MD
Sample : N4621-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8H9

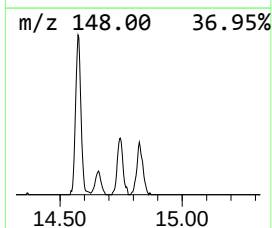
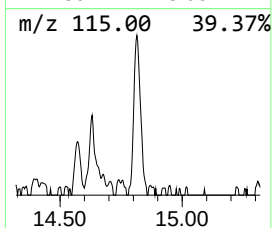
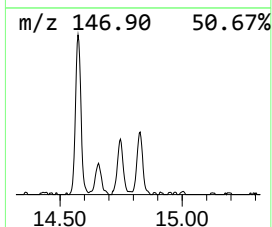
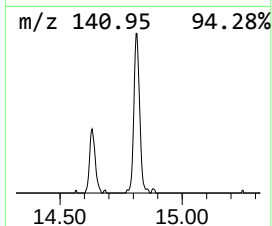
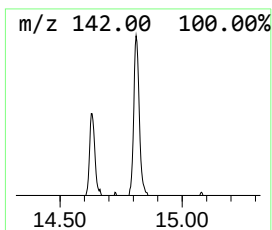
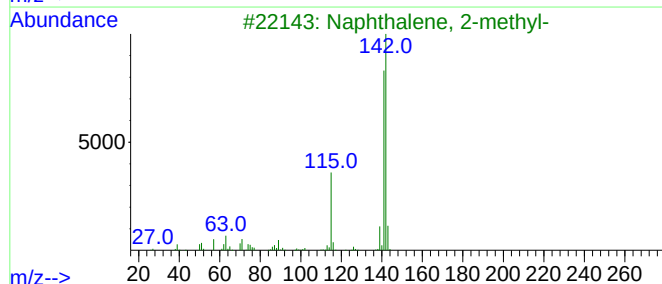
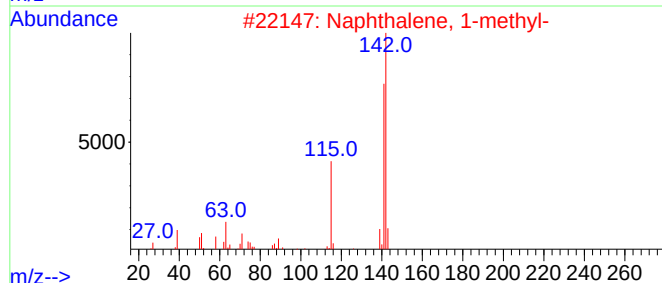
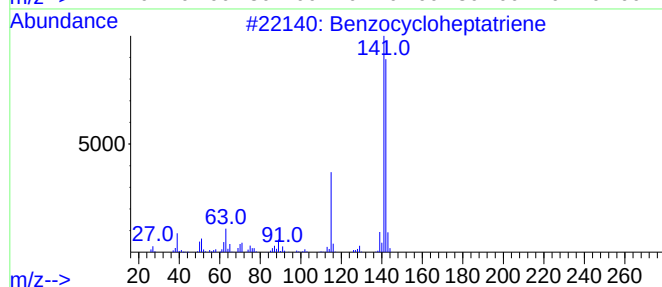
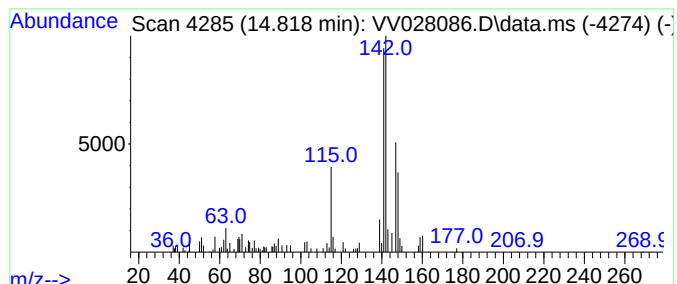
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 Benzocycloheptatriene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.818	0.75 ug/L	71991	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzocycloheptatriene	142	C11H10	000264-09-5	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
Data File : VV028086.D
Acq On : 23 Sep 2022 02:22
Operator : SY/MD
Sample : N4621-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8H9

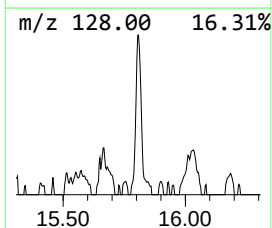
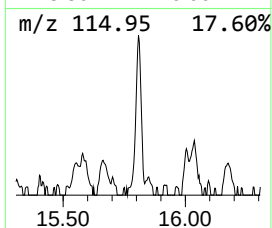
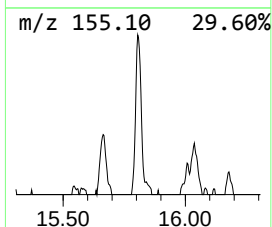
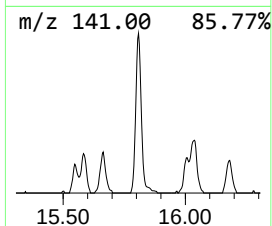
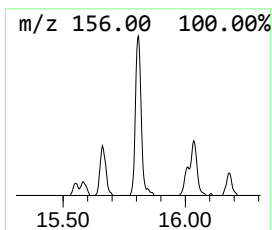
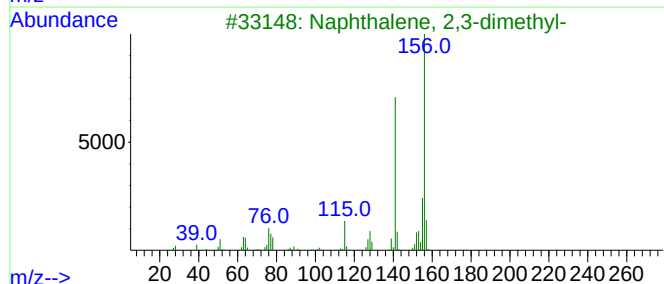
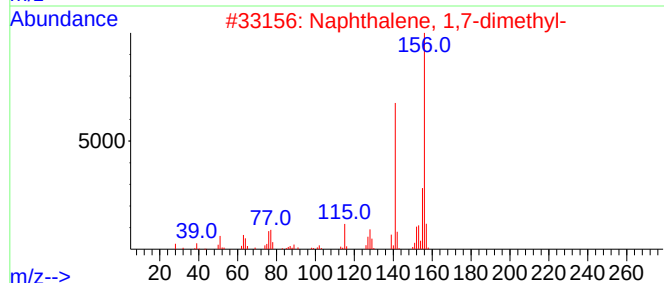
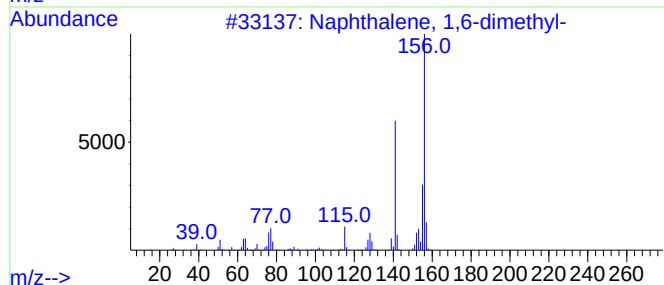
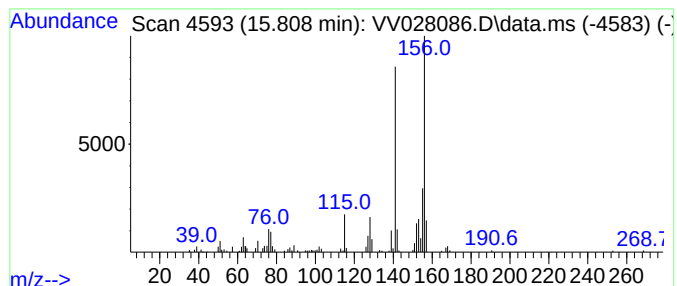
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.808	0.94 ug/L	90138	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
Data File : VV028086.D
Acq On : 23 Sep 2022 02:22
Operator : SY/MD
Sample : N4621-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8H9

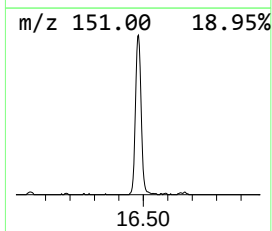
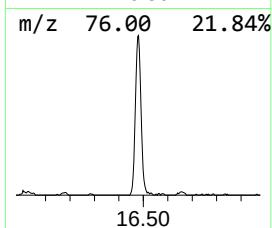
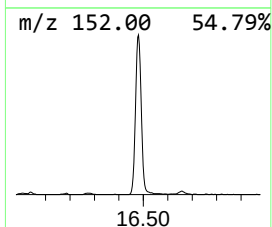
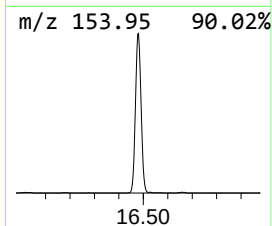
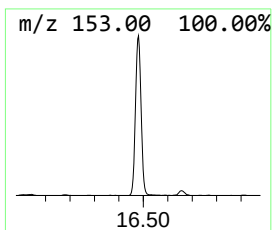
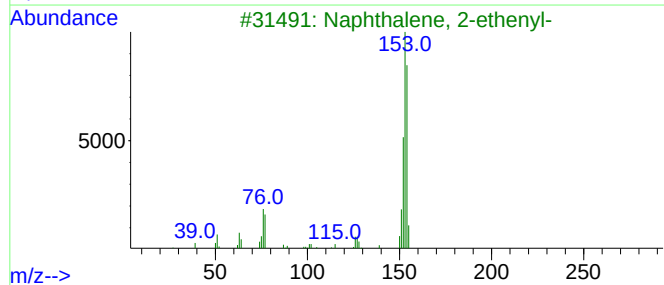
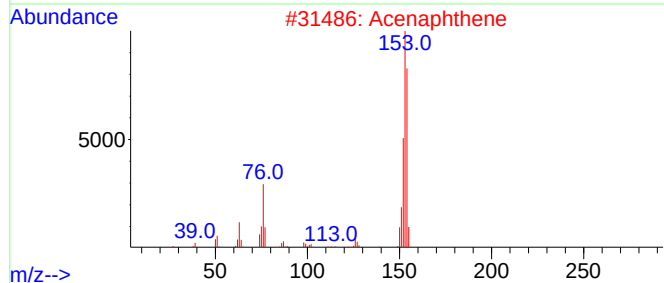
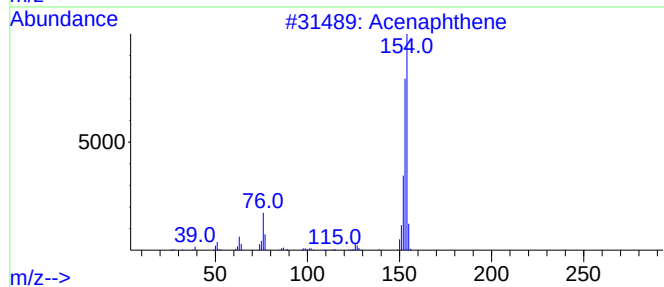
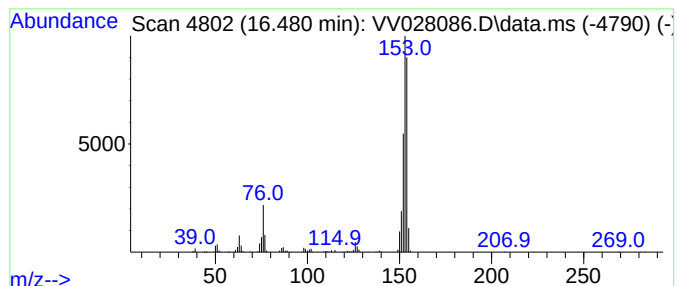
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 Acenaphthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.480	6.00 ug/L	572082	1,4-Dichlorobenzene-d4	11.249

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	64
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\VV092222\
 Data File : VV028086.D
 Acq On : 23 Sep 2022 02:22
 Operator : SY/MD
 Sample : N4621-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB8H9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.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
Difluorochlorom...	1.127	1.2	ug/L	123856	1	5.590	533087	5.0
Diisopropyl ether	3.291	0.8	ug/L	82397	1	5.590	533087	5.0
Indane	11.525	46.2	ug/L	4407370	3	11.249	477097	5.0
1-Phenyl-1-butene	12.114	1.0	ug/L	95792	3	11.249	477097	5.0
Benzofuran, 2-m...	12.358	0.6	ug/L	55845	3	11.249	477097	5.0
Benzofuran, 7-m...	12.468	0.6	ug/L	56887	3	11.249	477097	5.0
Benzene, 2-ethe...	12.722	1.3	ug/L	121503	3	11.249	477097	5.0
Benzene, 1-ethe...	12.879	2.6	ug/L	253245	3	11.249	477097	5.0
Azulene	13.500	1.1	ug/L	99788	3	11.249	477097	5.0
Benzo[b]thiophe...	14.574	0.7	ug/L	63468	3	11.249	477097	5.0
Benzocyclohepta...	14.818	0.8	ug/L	71991	3	11.249	477097	5.0
Naphthalene, 1,...	15.808	0.9	ug/L	90138	3	11.249	477097	5.0
Acenaphthene	16.480	6.0	ug/L	572082	3	11.249	477097	5.0