

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101723\
 Data File : VV032454.D
 Acq On : 17 Oct 2023 18:42
 Operator : SY/MD
 Sample : 04903-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF6

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\SFAMVTR092923WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV032454.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.085	9	14	17	rBV	7518	7258	1.19%	0.109%
2	1.278	66	74	91	rVB	62894	71491	11.74%	1.073%
3	1.532	146	153	165	rBV	50822	59980	9.85%	0.901%
4	1.600	166	174	184	rBV	17901	22173	3.64%	0.333%
5	1.725	207	213	219	rBV3	5283	7161	1.18%	0.108%
6	1.767	219	226	236	rVB2	15757	21026	3.45%	0.316%
7	1.860	249	255	262	rVB4	4975	6380	1.05%	0.096%
8	2.060	307	317	332	rBV	91435	135641	22.28%	2.037%
9	2.468	425	444	453	rBV4	6053	15674	2.57%	0.235%
10	2.516	453	459	470	rVB3	4132	7229	1.19%	0.109%
11	2.706	504	518	539	rBV3	17490	40005	6.57%	0.601%
12	2.970	590	600	617	rVB5	3624	8815	1.45%	0.132%
13	3.674	802	819	837	rBV4	9139	23226	3.82%	0.349%
14	3.806	849	860	892	rBV2	61956	209732	34.45%	3.149%
15	4.252	983	999	1022	rBV	73244	187514	30.80%	2.816%
16	4.587	1087	1103	1120	rBV6	5702	16232	2.67%	0.244%
17	4.960	1203	1219	1238	rBV2	161483	414731	68.12%	6.227%
18	5.539	1387	1399	1415	rBV	160684	335122	55.05%	5.032%
19	5.992	1528	1540	1553	rBV2	94204	202449	33.25%	3.040%
20	6.918	1818	1828	1853	rBV	43393	95442	15.68%	1.433%
21	7.246	1918	1930	1945	rBV	182879	347068	57.01%	5.211%
22	7.320	1945	1953	1982	rVB	93161	191185	31.40%	2.871%
23	7.561	2018	2028	2045	rBV2	26419	54048	8.88%	0.812%
24	7.879	2115	2127	2148	rVB2	12590	24066	3.95%	0.361%
25	8.030	2162	2174	2205	rBV	295363	608802	100.00%	9.141%
26	8.789	2399	2410	2442	rBV	253027	451200	74.11%	6.775%
27	8.950	2450	2460	2481	rBV	75395	130397	21.42%	1.958%
28	9.075	2487	2499	2524	rBV	225864	392409	64.46%	5.892%
29	9.481	2614	2625	2652	rBV	83725	144701	23.77%	2.173%
30	9.873	2738	2747	2758	rBV2	7564	12490	2.05%	0.188%
31	10.156	2826	2835	2853	rBV	89822	142601	23.42%	2.141%
32	10.294	2868	2878	2883	rBV	23031	34507	5.67%	0.518%
33	10.326	2883	2888	2898	rVV2	27144	45366	7.45%	0.681%
34	10.390	2898	2908	2926	rVV	68538	152015	24.97%	2.283%
35	10.480	2926	2936	2946	rVB2	32487	49514	8.13%	0.743%
36	10.677	2986	2997	3011	rBV	33387	54987	9.03%	0.826%

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37	10.853	3042	3052	3067	rBV	130320	202952	33.34%	3.047%
38	11.133	3132	3139	3146	rBV8	3952	6426	1.06%	0.096%
39	11.188	3146	3156	3175	rVV	298715	466610	76.64%	7.006%
40	11.275	3175	3183	3198	rVB	38949	61492	10.10%	0.923%
41	11.468	3230	3243	3254	rBV2	42181	79066	12.99%	1.187%
42	11.516	3254	3258	3264	rVV	12424	17323	2.85%	0.260%
43	11.564	3264	3273	3293	rVB	224738	387797	63.70%	5.823%
44	11.689	3302	3312	3323	rVB	3715	7011	1.15%	0.105%
45	11.763	3326	3335	3347	rBV3	4857	8673	1.42%	0.130%
46	11.853	3352	3363	3368	rBV	10299	15666	2.57%	0.235%
47	11.882	3369	3372	3382	rVB2	8790	10930	1.80%	0.164%
48	11.960	3386	3396	3403	rBV	18343	27829	4.57%	0.418%
49	12.056	3416	3426	3436	rBV2	14560	26392	4.34%	0.396%
50	12.197	3461	3470	3481	rBV	13202	20229	3.32%	0.304%
51	12.355	3509	3519	3528	rBV	11827	17081	2.81%	0.256%
52	12.406	3528	3535	3546	rVB	14479	21711	3.57%	0.326%
53	12.667	3607	3616	3626	rVB3	16965	25881	4.25%	0.389%
54	12.824	3647	3665	3678	rBV3	36122	60303	9.91%	0.905%
55	12.992	3708	3717	3730	rVB7	6695	13194	2.17%	0.198%
56	13.210	3776	3785	3791	rBV9	5332	7372	1.21%	0.111%
57	13.442	3846	3857	3884	rVB	138338	228727	37.57%	3.434%
58	13.567	3884	3896	3905	rBV3	5345	9200	1.51%	0.138%
59	14.574	4198	4209	4225	rBV	81755	134238	22.05%	2.016%
60	14.757	4255	4266	4288	rVB	38601	65911	10.83%	0.990%
61	15.615	4525	4533	4538	rBV7	4812	6457	1.06%	0.097%
62	15.757	4569	4577	4582	rBV6	6199	8874	1.46%	0.133%

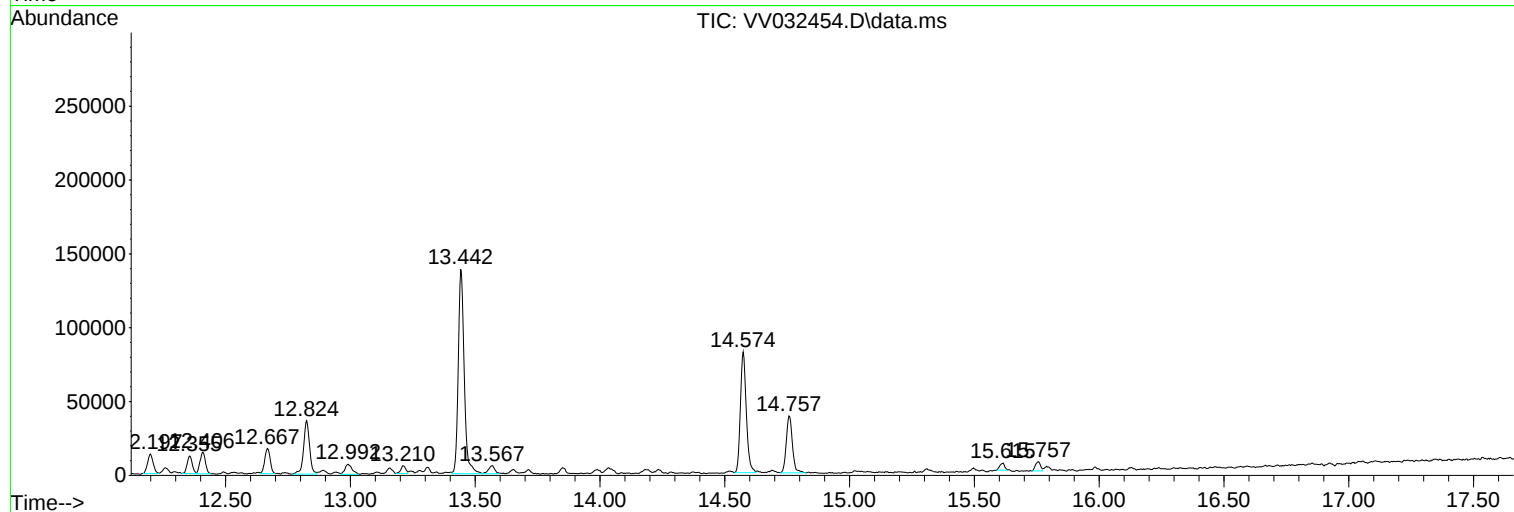
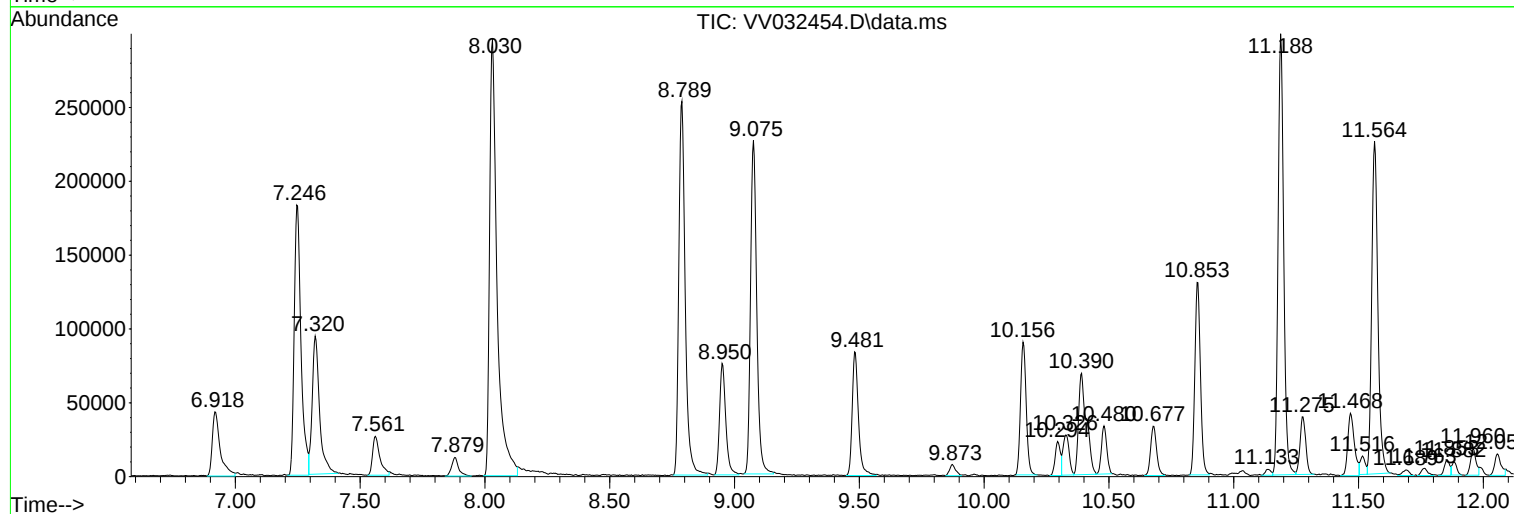
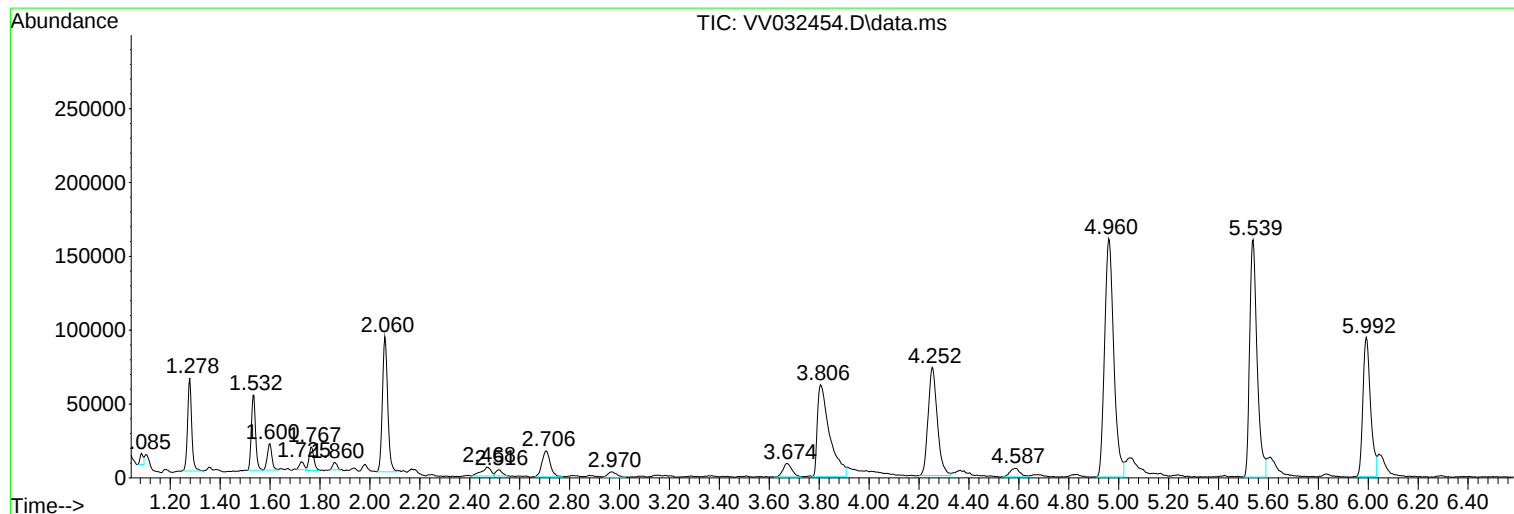
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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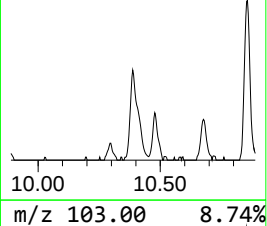
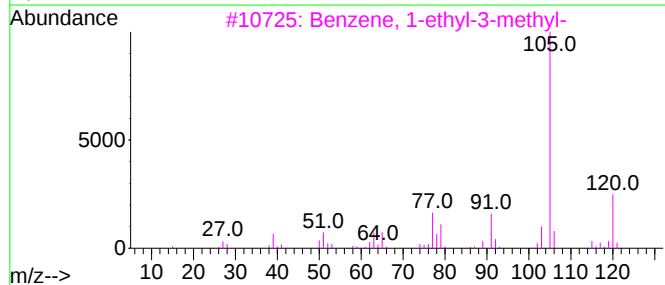
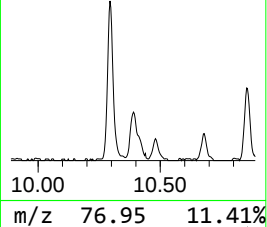
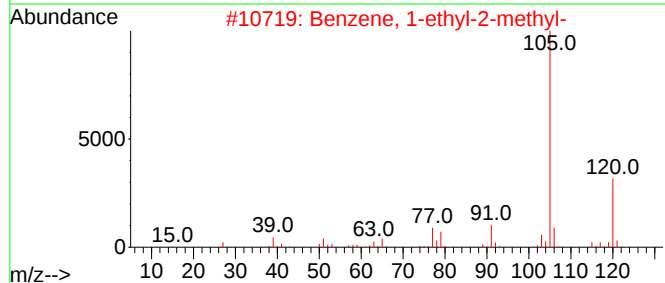
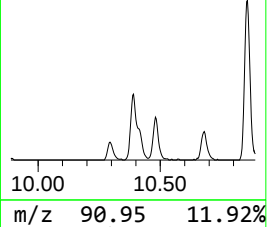
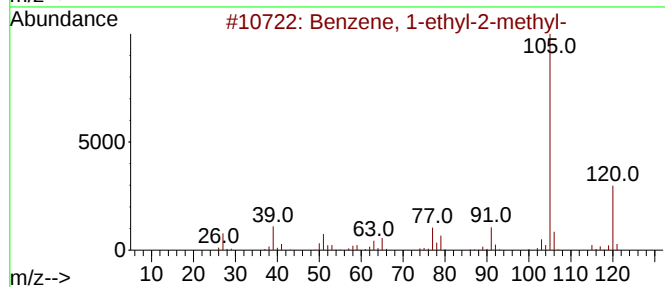
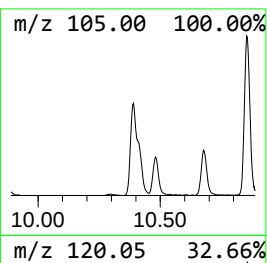
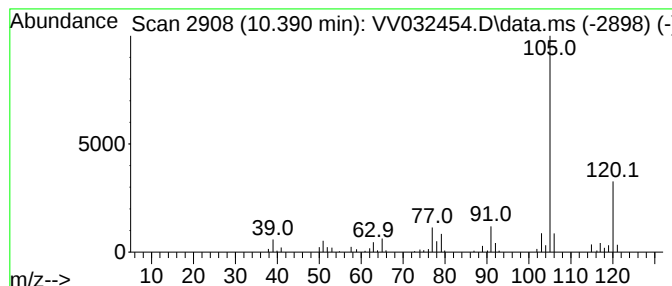
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.390	1.63 ug/L	152015	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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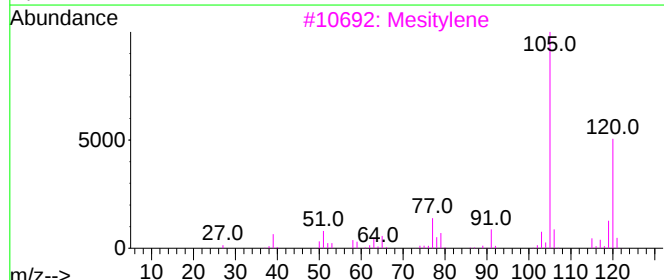
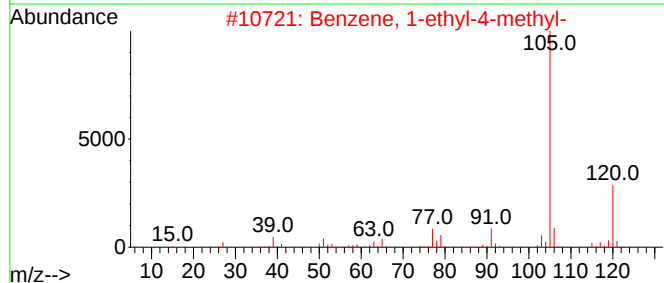
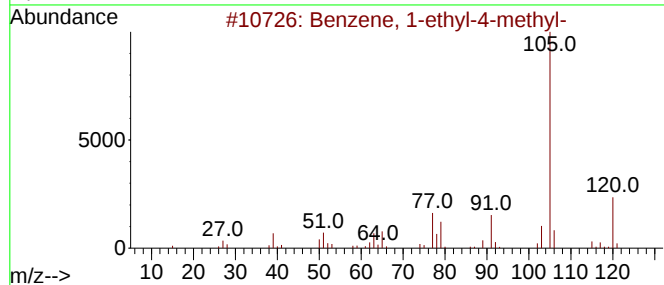
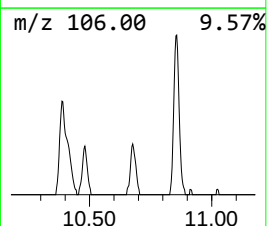
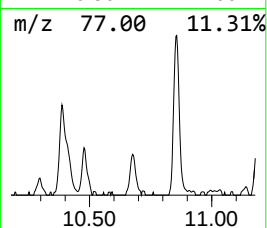
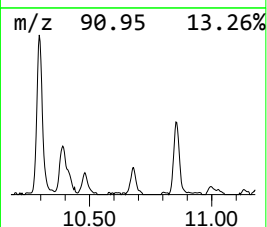
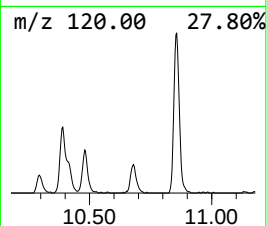
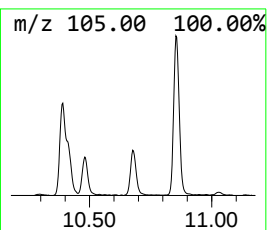
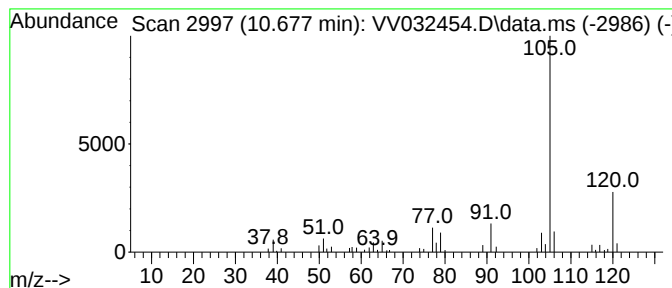
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.677	0.59 ug/L	54987	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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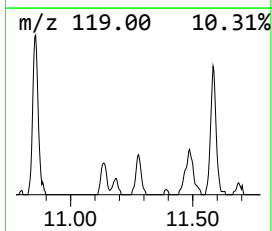
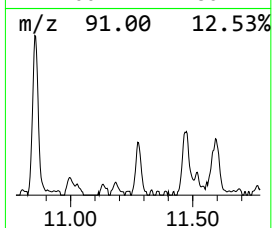
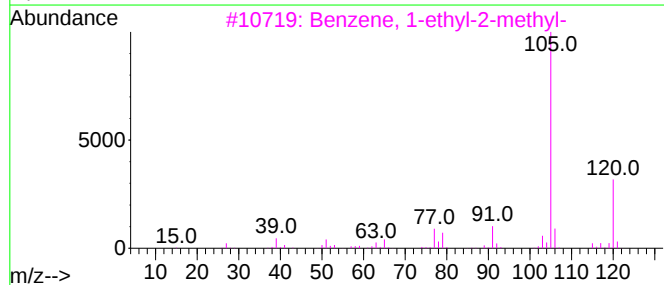
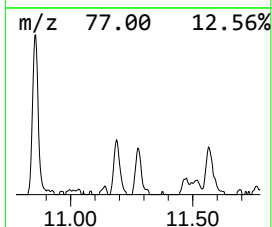
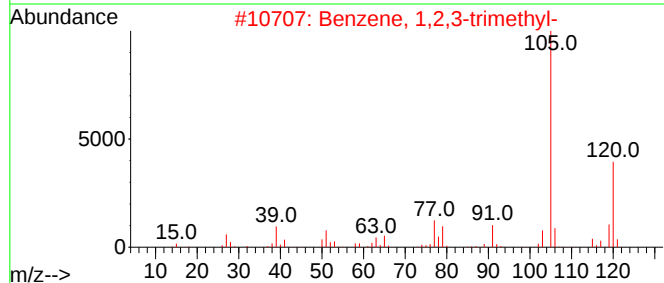
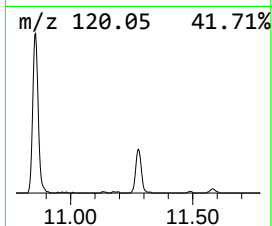
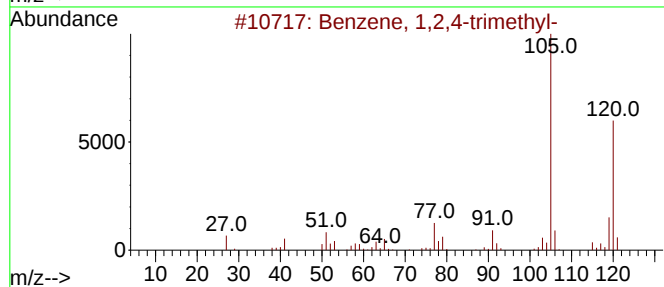
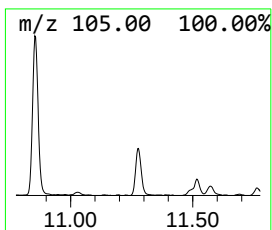
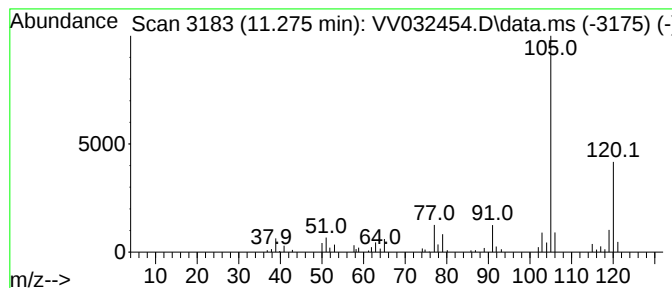
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	0.66 ug/L	61492	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93



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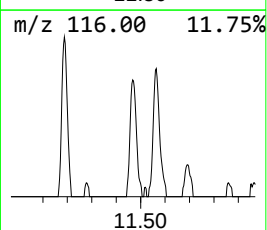
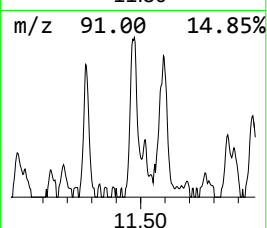
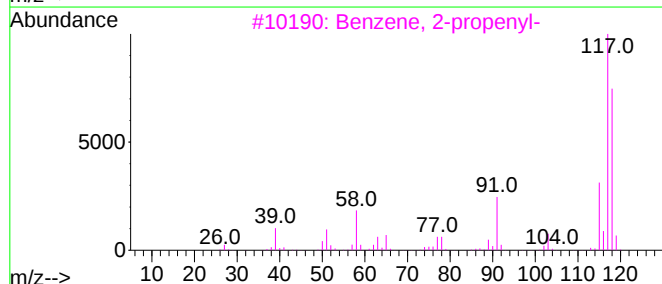
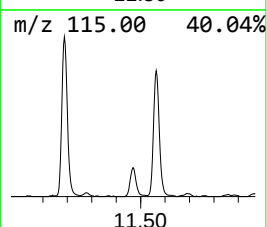
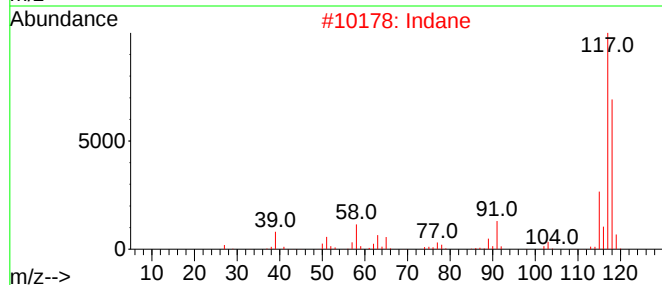
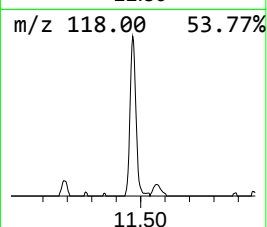
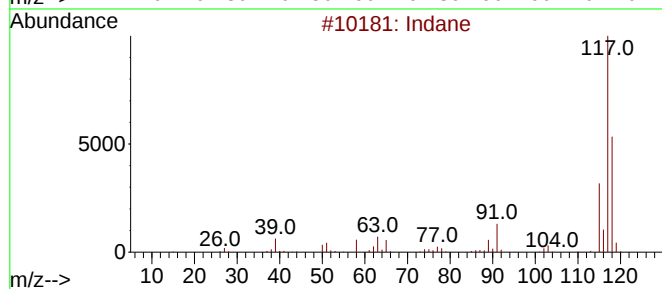
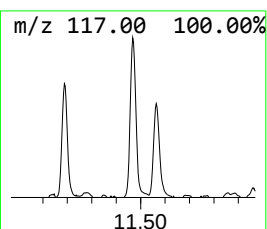
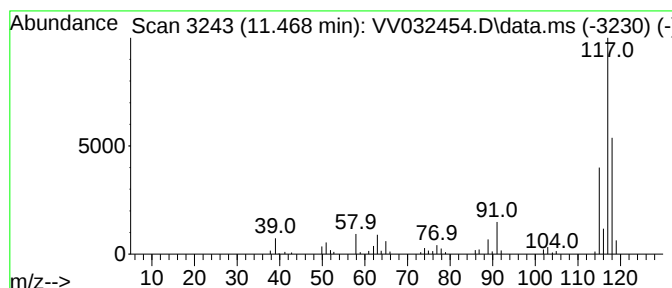
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.468	0.85 ug/L	79066	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	94
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Delta-cyclene	118	C9H10	007785-10-6	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62



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ClientSampleId :
C0AF6

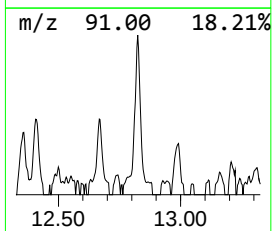
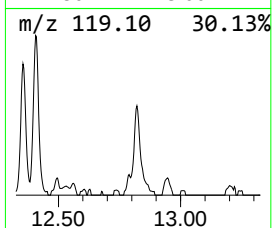
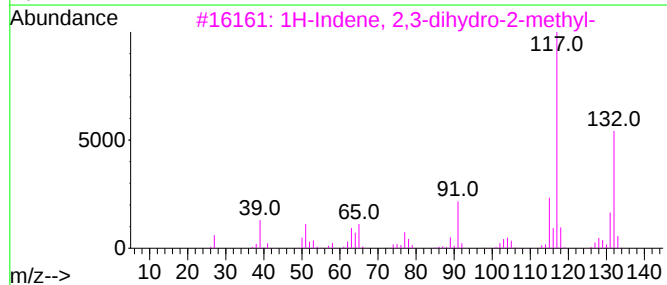
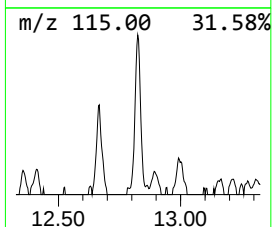
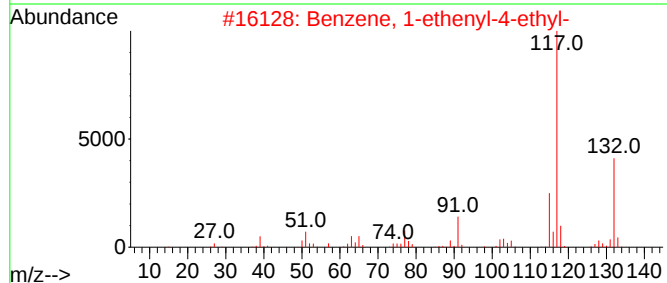
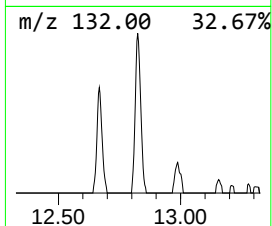
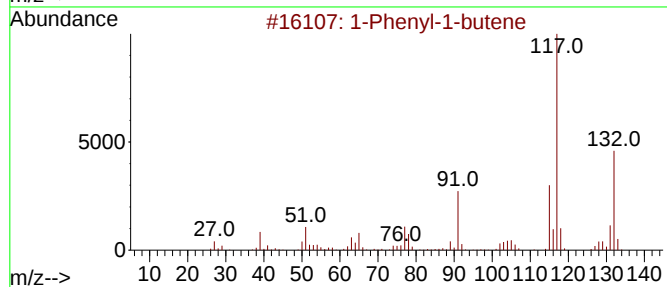
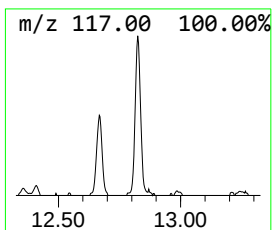
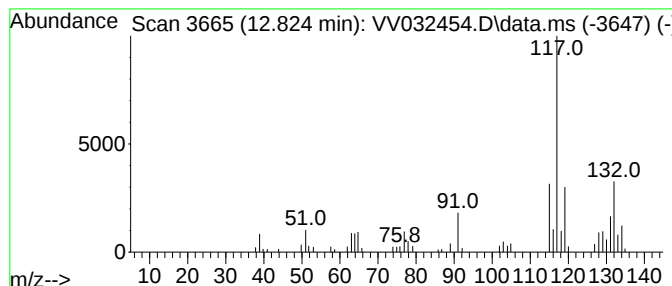
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.825	0.65 ug/L	60303	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	76
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
3			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	68
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101723\
Data File : VV032454.D
Acq On : 17 Oct 2023 18:42
Operator : SY/MD
Sample : 04903-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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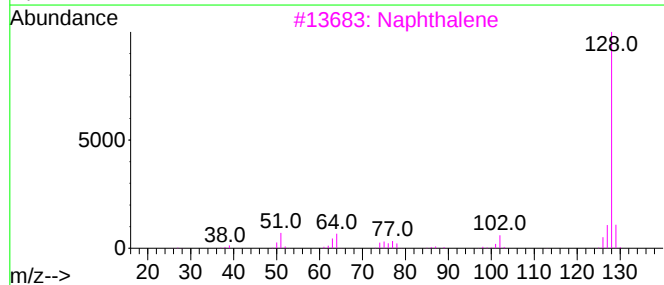
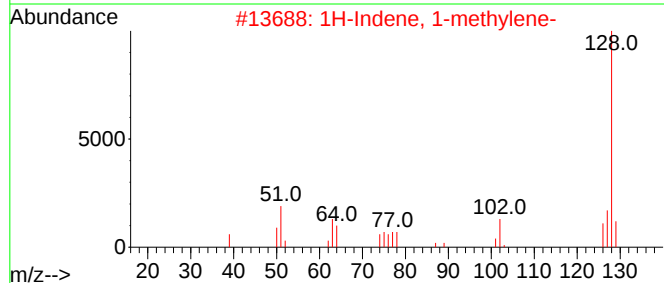
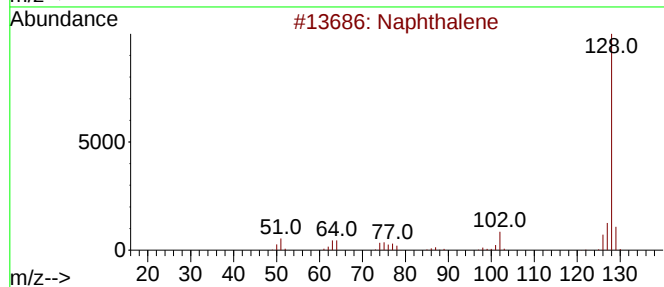
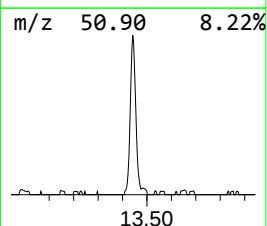
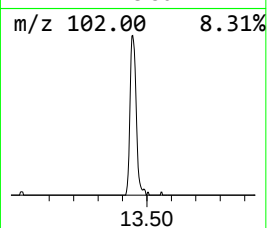
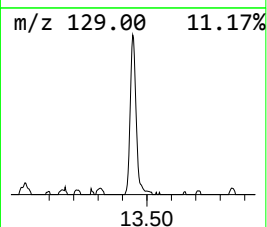
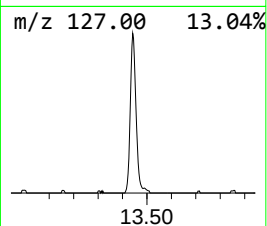
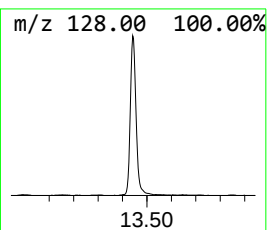
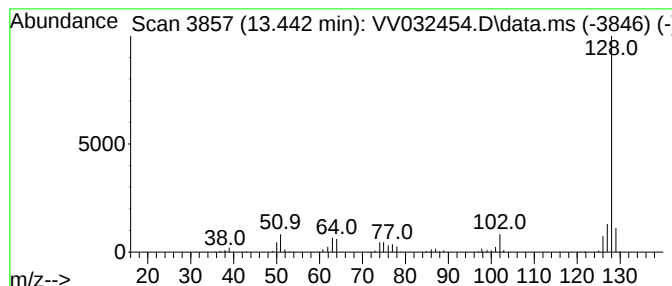
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.442	2.45 ug/L	228727	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	94
3			Naphthalene	128	C10H8	000091-20-3	93
4			Azulene	128	C10H8	000275-51-4	91
5			Naphthalene	128	C10H8	000091-20-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101723\
Data File : VV032454.D
Acq On : 17 Oct 2023 18:42
Operator : SY/MD
Sample : 04903-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF6

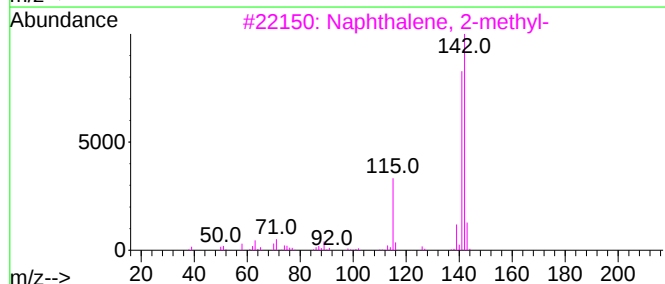
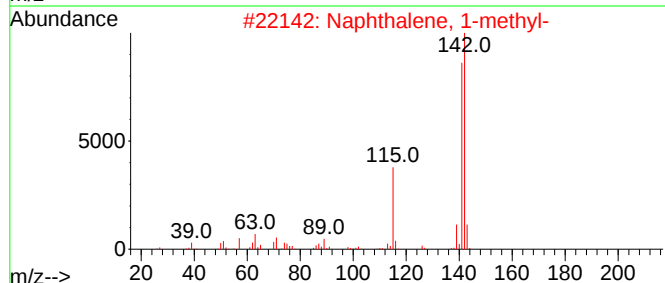
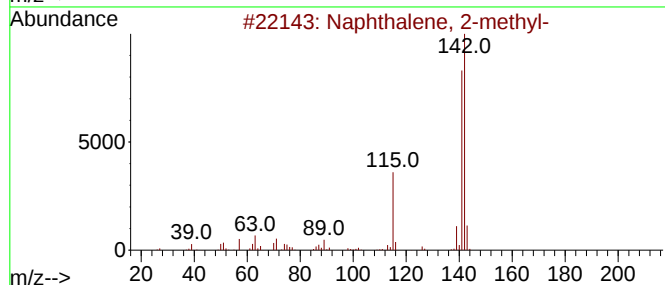
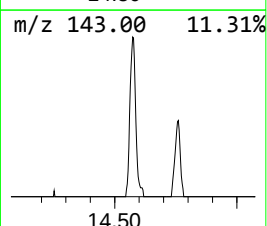
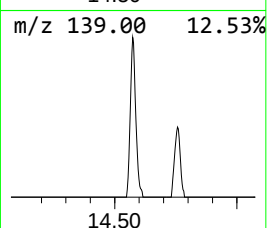
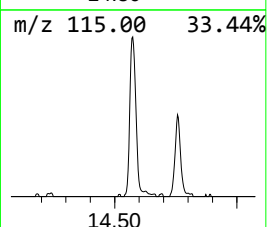
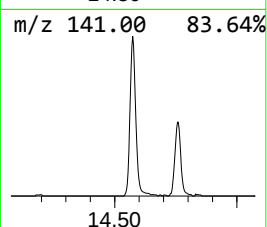
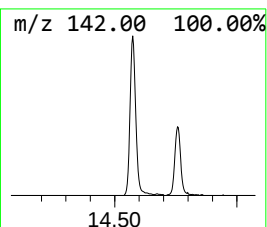
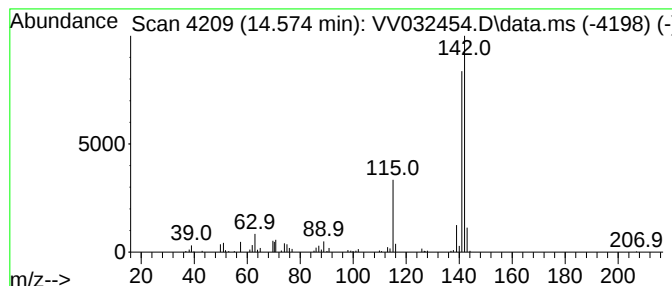
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.574	1.44 ug/L	134238	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101723\
Data File : VV032454.D
Acq On : 17 Oct 2023 18:42
Operator : SY/MD
Sample : 04903-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF6

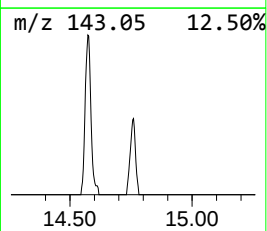
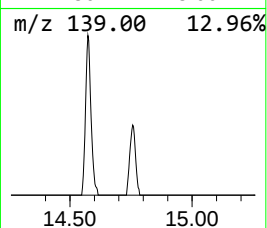
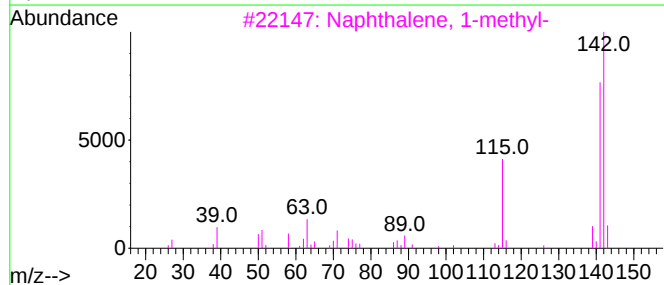
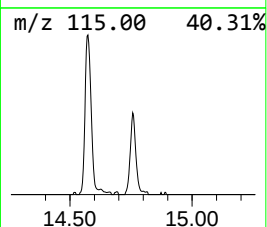
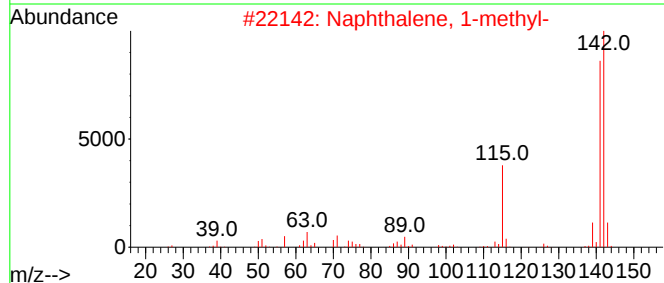
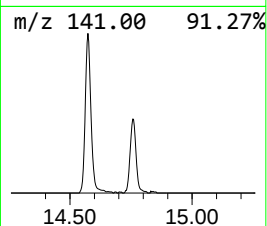
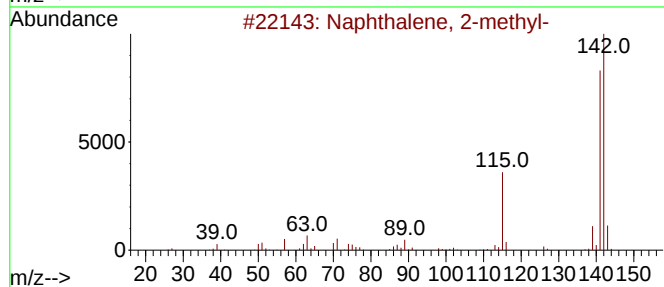
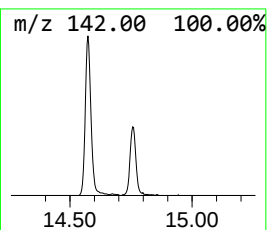
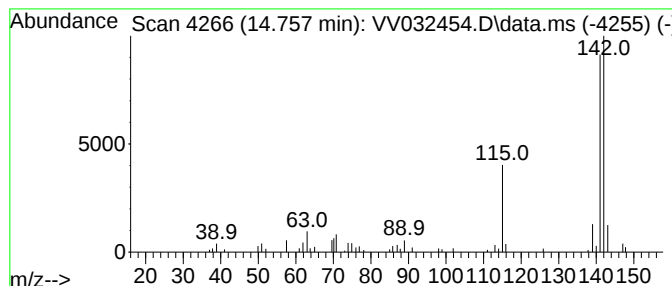
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	0.71 ug/L	65911	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101723\
Data File : VV032454.D
Acq On : 17 Oct 2023 18:42
Operator : SY/MD
Sample : 04903-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.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
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Benzene, 1-ethy...	10.677	0.6	ug/L	54987	3	11.188	466610	5.0
Benzene, 1,2,3-...	11.275	0.7	ug/L	61492	3	11.188	466610	5.0
Indane	11.468	0.8	ug/L	79066	3	11.188	466610	5.0
1-Phenyl-1-butene	12.825	0.7	ug/L	60303	3	11.188	466610	5.0
Azulene	13.442	2.5	ug/L	228727	3	11.188	466610	5.0
Naphthalene, 2-...	14.574	1.4	ug/L	134238	3	11.188	466610	5.0
Naphthalene, 1-...	14.757	0.7	ug/L	65911	3	11.188	466610	5.0