

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053394.D
 Acq On : 24 Mar 2023 16:49
 Operator : JC/MD
 Sample : 02041-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CB954DL

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_U\Method\SFAMUTR032423WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU053394.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	70	80	95	rBV	73249	91018	12.22%	1.445%
2	1.912	169	178	191	rBV	60873	82253	11.05%	1.306%
3	2.375	314	322	336	rVB	8811	14184	1.90%	0.225%
4	2.565	370	381	398	rBV	114711	187017	25.12%	2.969%
5	3.041	519	529	546	rBV3	7709	16069	2.16%	0.255%
6	3.182	561	573	586	rBV2	4148	8026	1.08%	0.127%
7	4.645	1011	1028	1064	rBV2	53445	213722	28.70%	3.393%
8	5.057	1140	1156	1180	rVB2	101047	224156	30.10%	3.558%
9	5.719	1343	1362	1389	rBV2	194781	510879	68.61%	8.110%
10	6.243	1511	1525	1542	rBV	176148	335840	45.10%	5.331%
11	6.687	1647	1663	1678	rBV	118829	233879	31.41%	3.713%
12	7.562	1922	1935	1955	rBV	58344	103478	13.90%	1.643%
13	7.893	2026	2038	2055	rBV	248390	433072	58.16%	6.875%
14	8.176	2115	2126	2141	rBV3	35497	61191	8.22%	0.971%
15	8.632	2256	2268	2305	rBV3	250652	517115	69.45%	8.209%
16	9.414	2495	2511	2514	rBV	261101	390668	52.47%	6.202%
17	9.443	2514	2520	2540	rVB	443923	744584	100.00%	11.820%
18	10.481	2832	2843	2857	rBV2	20924	33039	4.44%	0.524%
19	10.751	2916	2927	2941	rBV	96947	153488	20.61%	2.437%
20	11.291	3087	3095	3106	rVB5	4559	7999	1.07%	0.127%
21	11.607	3185	3193	3197	rBV2	7846	11766	1.58%	0.187%
22	11.639	3197	3203	3214	rVB	13763	19956	2.68%	0.317%
23	11.806	3242	3255	3276	rBV2	253363	473281	63.56%	7.513%
24	12.002	3309	3316	3326	rVB	8396	11725	1.57%	0.186%
25	12.092	3326	3344	3357	rBV2	124952	203516	27.33%	3.231%
26	12.189	3361	3374	3391	rVV	243704	404922	54.38%	6.428%
27	12.298	3397	3408	3418	rBV2	13554	20084	2.70%	0.319%
28	12.568	3481	3492	3500	rBV	73897	112665	15.13%	1.789%
29	12.607	3500	3504	3515	rVV2	18133	23807	3.20%	0.378%
30	12.677	3515	3526	3547	rVB3	49109	117546	15.79%	1.866%
31	12.861	3566	3583	3593	rBV4	7060	12698	1.71%	0.202%
32	12.967	3599	3616	3627	rBV	152906	233258	31.33%	3.703%
33	13.025	3629	3634	3641	rVB5	5825	7696	1.03%	0.122%
34	13.102	3646	3658	3669	rBV3	11338	18074	2.43%	0.287%
35	13.288	3708	3716	3733	rVB	56478	87879	11.80%	1.395%
36	13.410	3744	3754	3758	rBV5	6950	10436	1.40%	0.166%

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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_U\Method\SFAMUTR032423WMA.M
Title : TRACE VOA SFAM1.0

37	13.452	3758	3767	3783	rVB2	72531	118598	15.93%	1.883%
38	13.552	3793	3798	3808	rBV2	8069	11606	1.56%	0.184%
39	13.832	3876	3885	3894	rBV4	19392	30268	4.07%	0.481%
40	14.092	3958	3966	3983	rVB3	4224	7788	1.05%	0.124%

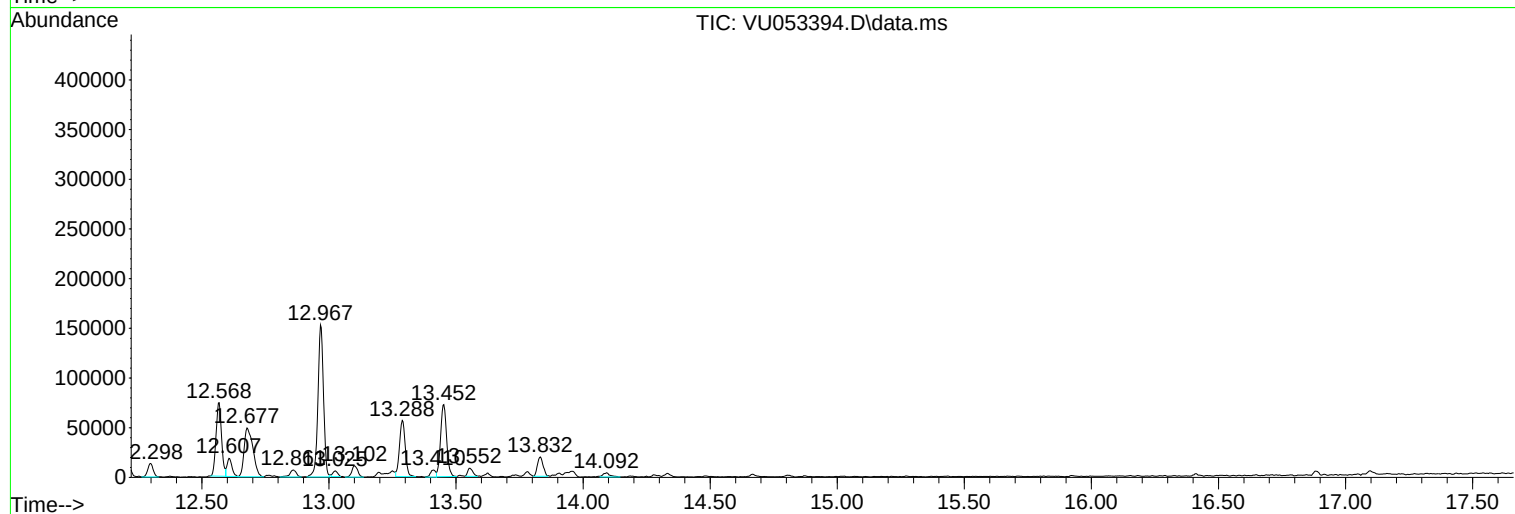
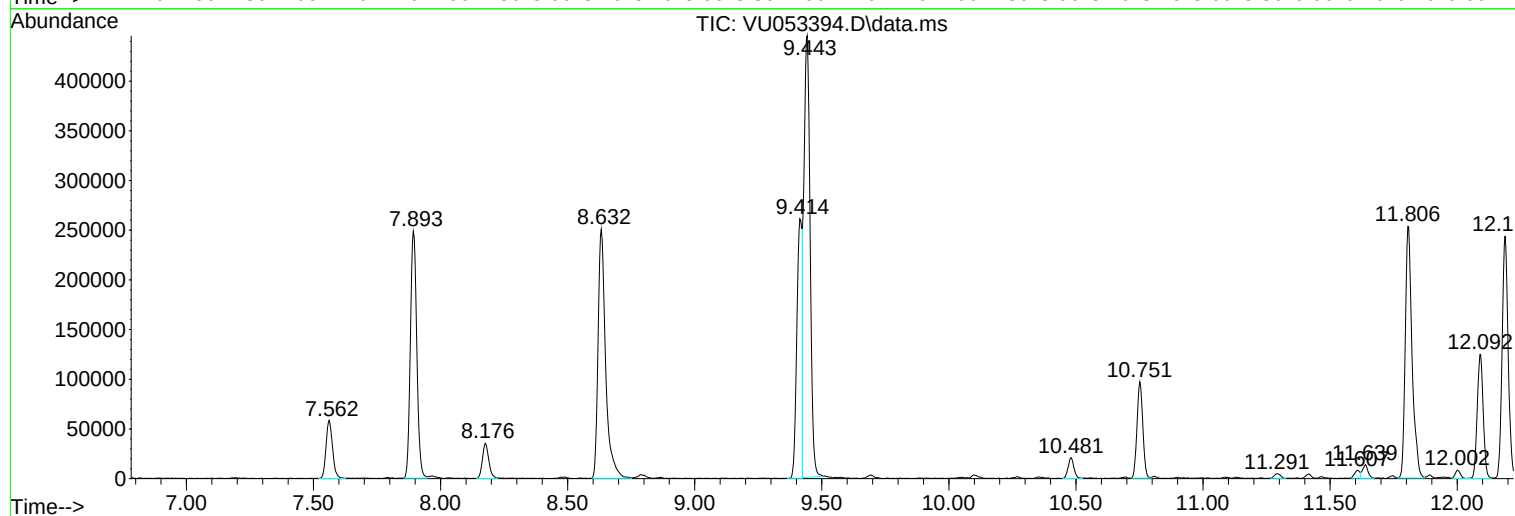
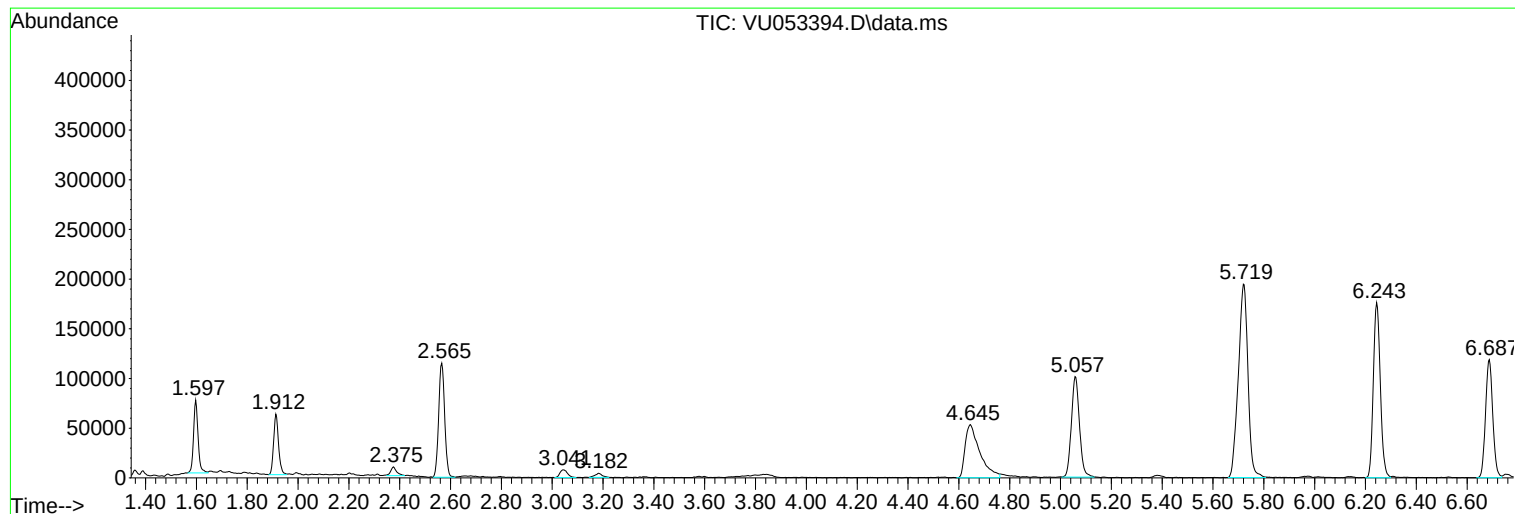
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Instrument :
MSVOA_U
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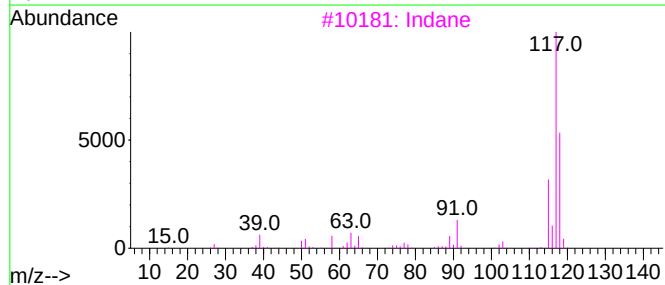
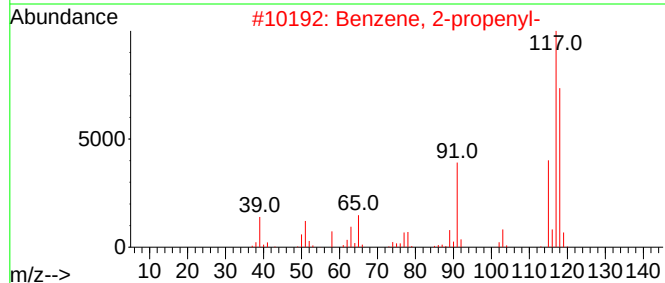
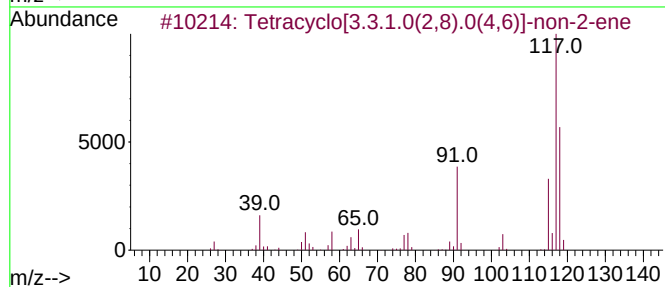
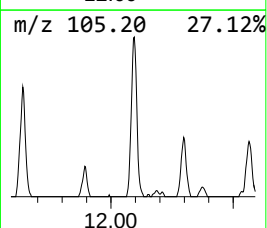
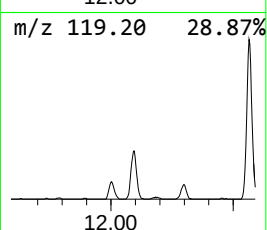
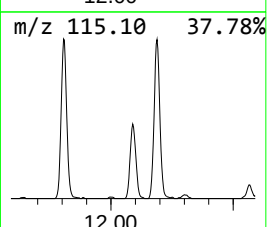
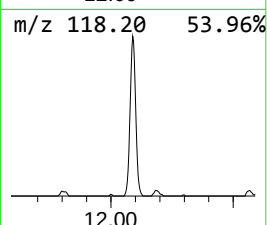
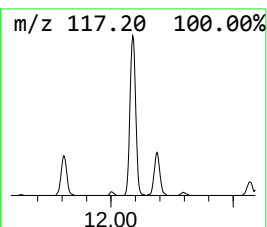
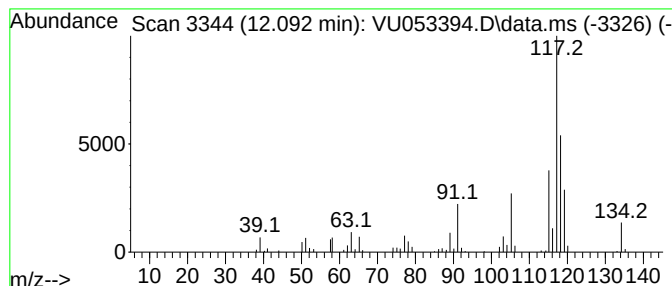
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	2.15 ug/L	203516	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	70
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
3			Indane	118	C9H10	000496-11-7	70
4			Indane	118	C9H10	000496-11-7	70
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	64



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Instrument :
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ClientSampleId :
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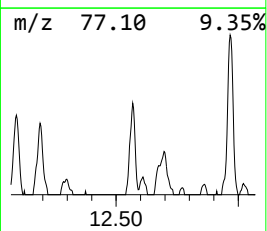
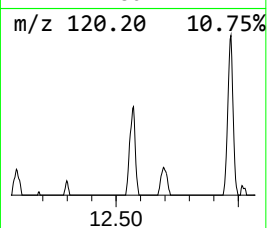
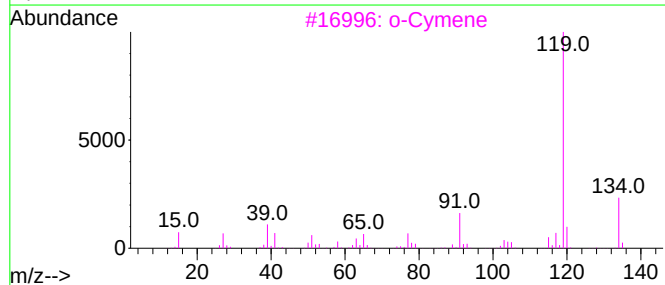
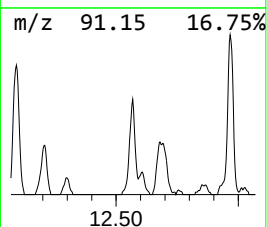
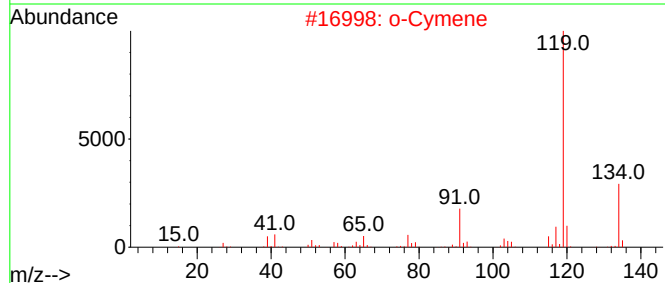
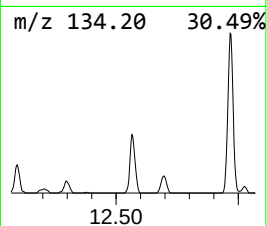
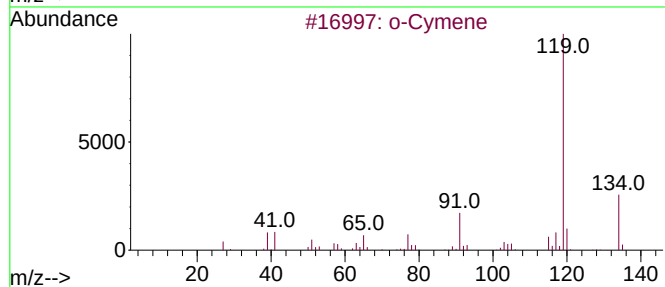
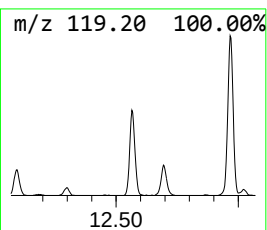
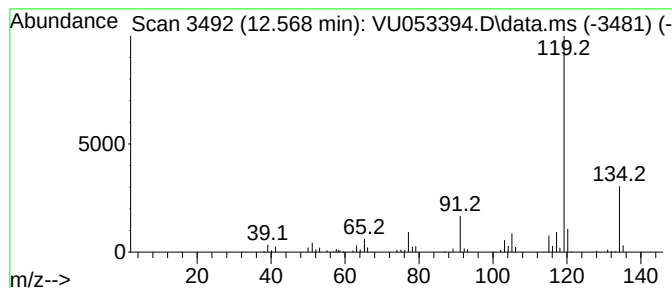
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	1.19 ug/L	112665	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	97
2			o-Cymene	134	C10H14	000527-84-4	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5			p-Cymene	134	C10H14	000099-87-6	94



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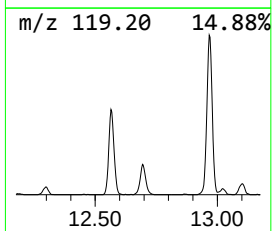
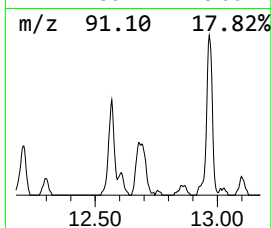
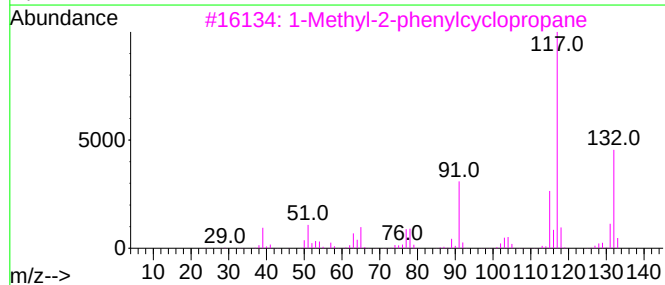
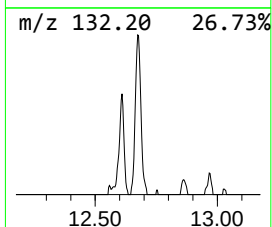
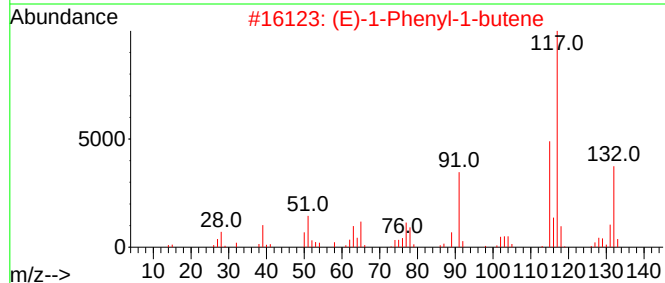
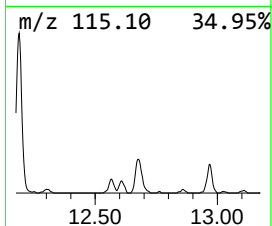
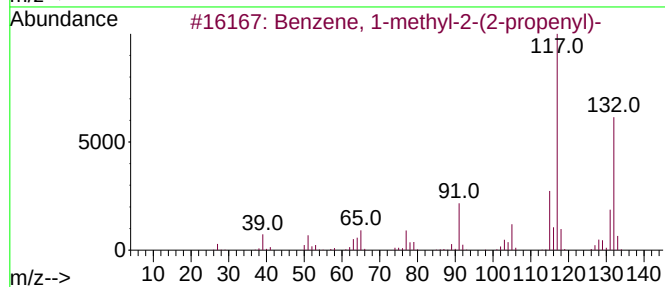
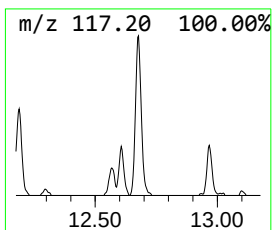
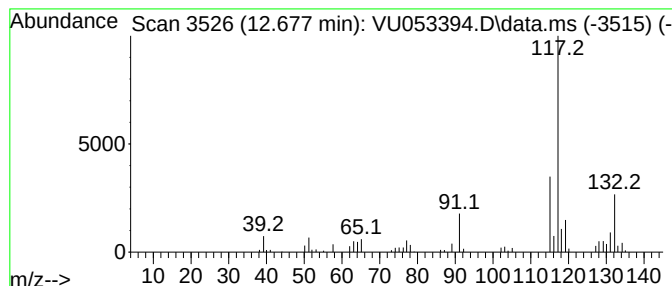
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Benzene, 1-methyl-2-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.677	1.24 ug/L	117546	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
2			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	80
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	72
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	72
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	72



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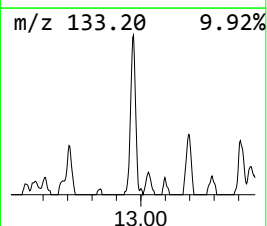
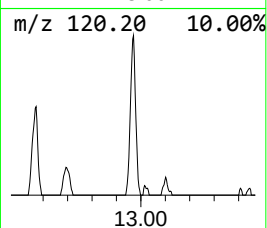
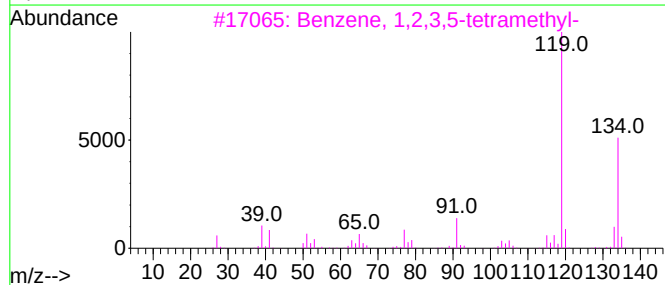
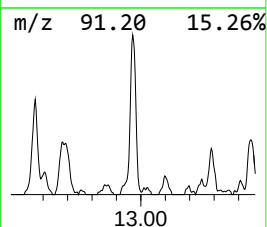
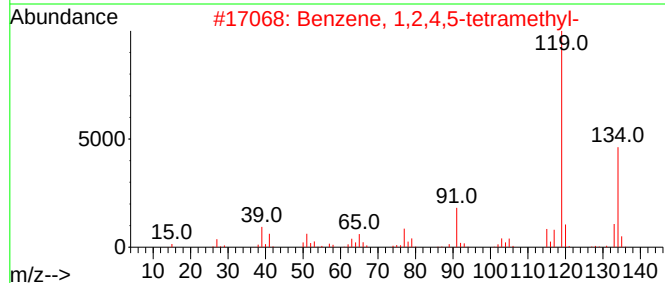
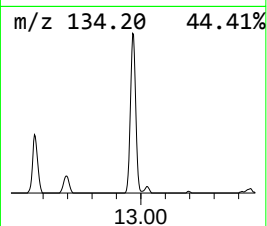
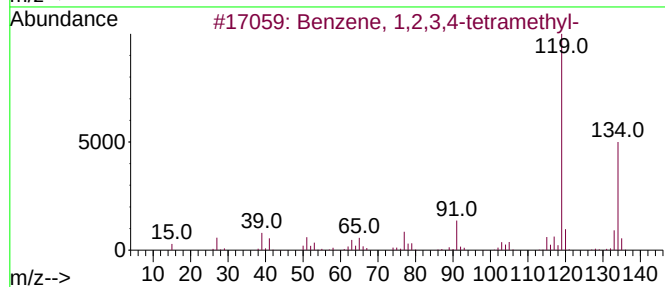
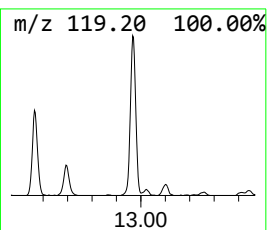
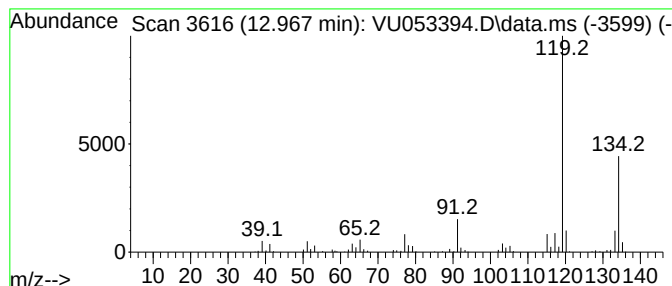
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.967	2.46 ug/L	233258	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95



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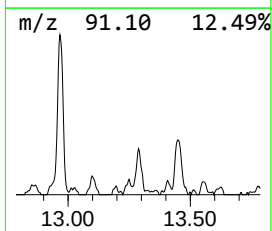
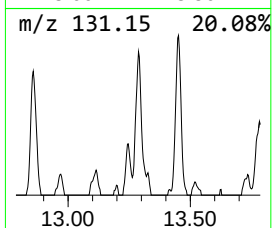
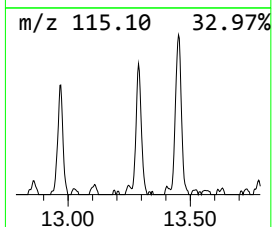
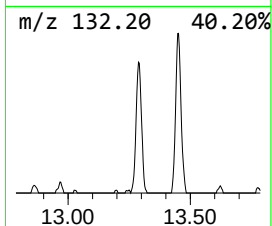
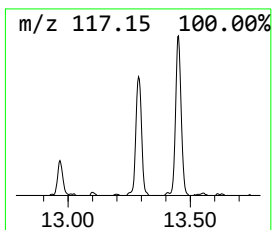
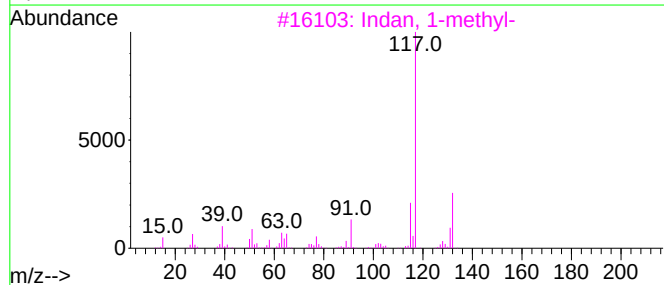
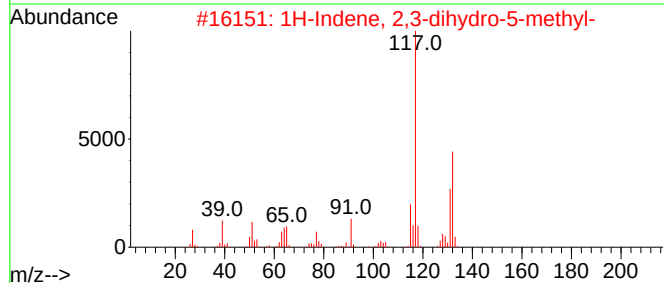
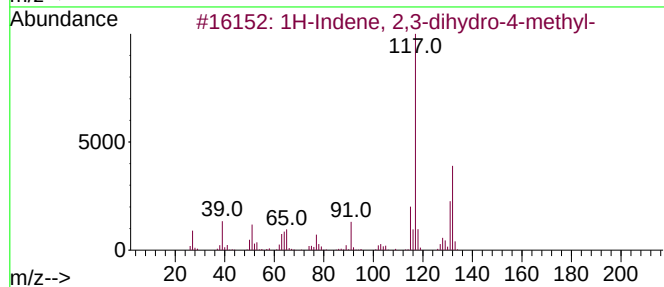
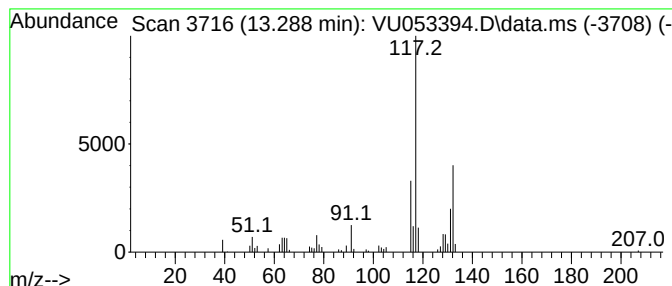
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	0.93 ug/L	87879	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3			Indan, 1-methyl-	132	C10H12	000767-58-8	87
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053394.D
Acq On : 24 Mar 2023 16:49
Operator : JC/MD
Sample : 02041-01DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CB954DL

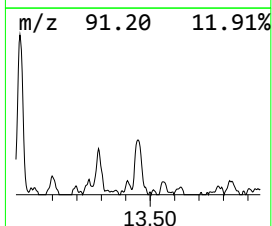
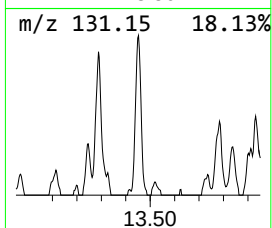
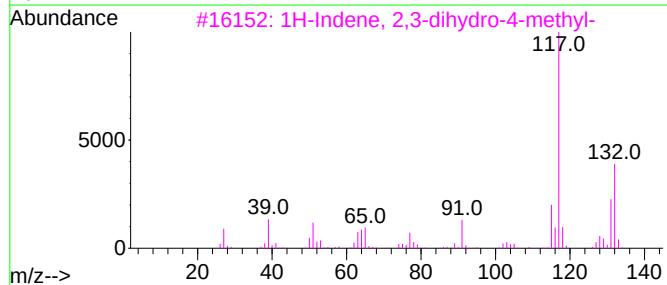
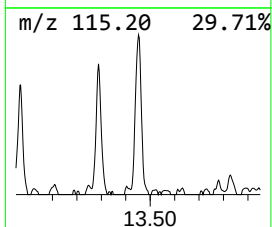
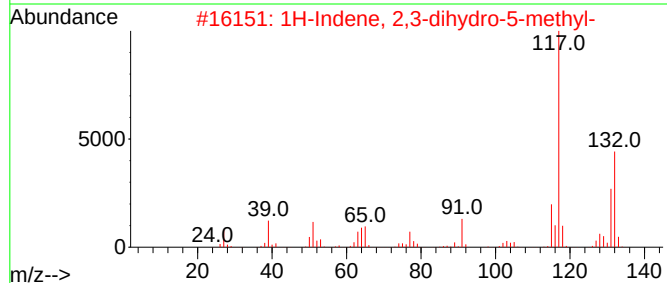
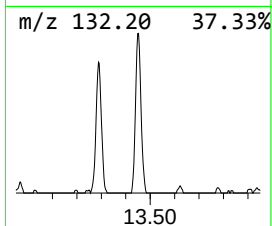
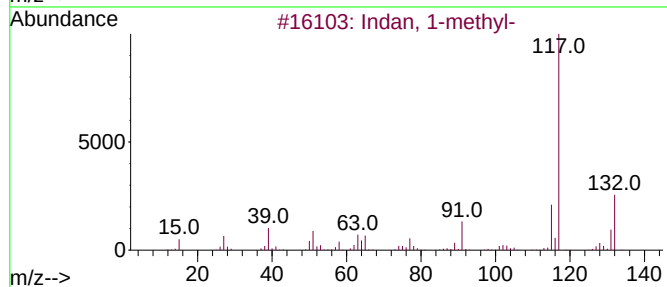
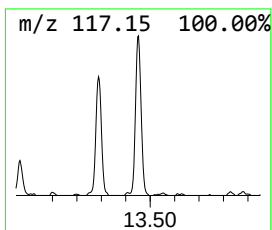
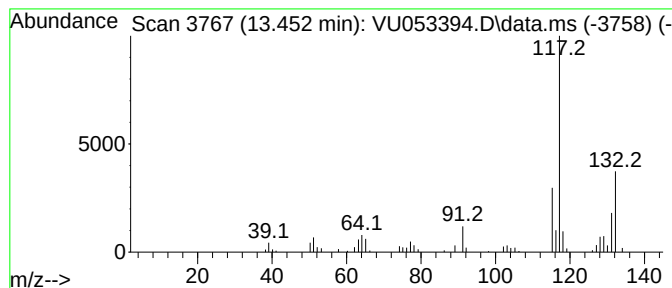
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Indan, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	1.25 ug/L	118598	1,4-Dichlorobenzene-d4	11.806

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indan, 1-methyl-	132	C10H12	000767-58-8	90
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053394.D
Acq On : 24 Mar 2023 16:49
Operator : JC/MD
Sample : 02041-01DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CB954DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.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
Tetracyclo[3.3....	12.092	2.1	ug/L	203516	3	11.806	473281	5.0
o-Cymene	12.568	1.2	ug/L	112665	3	11.806	473281	5.0
Benzene, 1-meth...	12.677	1.2	ug/L	117546	3	11.806	473281	5.0
Benzene, 1,2,3,...	12.967	2.5	ug/L	233258	3	11.806	473281	5.0
1H-Indene, 2,3-...	13.288	0.9	ug/L	87879	3	11.806	473281	5.0
Indan, 1-methyl-	13.452	1.3	ug/L	118598	3	11.806	473281	5.0