

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056272.D
 Acq On : 13 Nov 2023 23:43
 Operator : MD/SY
 Sample : 05371-13RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDP0RE

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\SFAMUTR111323WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU056272.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.370	16	25	36	rVB3	12143	22055	1.28%	0.167%
2	1.489	55	62	67	rBV	71346	71269	4.14%	0.541%
3	1.599	85	96	106	rBV2	124903	156896	9.10%	1.191%
4	1.686	117	123	133	rVV	29729	39434	2.29%	0.299%
5	1.911	184	193	211	rVV	84242	126069	7.32%	0.957%
6	1.991	211	218	231	rVB2	22361	32402	1.88%	0.246%
7	2.451	351	361	376	rVB	52773	87079	5.05%	0.661%
8	2.563	382	396	407	rBV	167579	288297	16.73%	2.189%
9	2.634	407	418	451	rVB	167826	410354	23.81%	3.116%
10	2.849	455	485	487	rBV2	46594	150171	8.71%	1.140%
11	3.036	537	543	563	rVB4	20044	42917	2.49%	0.326%
12	3.136	563	574	594	rBV7	6257	19379	1.12%	0.147%
13	3.354	634	642	660	rVB6	8514	20678	1.20%	0.157%
14	4.624	1024	1037	1056	rBV2	104819	353740	20.53%	2.686%
15	5.055	1156	1171	1198	rBV3	158381	370748	21.51%	2.815%
16	5.721	1354	1378	1390	rBV2	301214	806010	46.77%	6.121%
17	6.245	1528	1541	1569	rBV	364612	715272	41.50%	5.432%
18	6.537	1618	1632	1650	rBV	421372	796690	46.23%	6.050%
19	6.685	1664	1678	1699	rBV	187737	371004	21.53%	2.817%
20	6.885	1731	1740	1749	rBV2	8800	17684	1.03%	0.134%
21	7.161	1810	1826	1839	rBV2	32763	65412	3.80%	0.497%
22	7.563	1939	1951	1966	rBV	93577	171312	9.94%	1.301%
23	7.894	2040	2054	2073	rBV	365816	657645	38.16%	4.994%
24	8.177	2130	2142	2160	rBV2	53508	96036	5.57%	0.729%
25	8.547	2244	2257	2273	rBV	1002993	1723347	100.00%	13.087%
26	8.631	2273	2283	2298	rBV	395477	743033	43.12%	5.643%
27	8.785	2322	2331	2354	rVB4	44578	88867	5.16%	0.675%
28	9.412	2514	2526	2558	rBV	502498	887825	51.52%	6.742%
29	10.341	2805	2815	2828	rBV2	47311	80684	4.68%	0.613%
30	10.479	2850	2858	2873	rVB3	11512	19710	1.14%	0.150%
31	10.753	2930	2943	2957	rBV	135697	224316	13.02%	1.703%
32	11.476	3162	3168	3180	rVB4	14362	23201	1.35%	0.176%
33	11.682	3224	3232	3244	rBV2	65908	99275	5.76%	0.754%
34	11.807	3259	3271	3286	rBV	540027	873236	50.67%	6.631%
35	11.888	3287	3296	3309	rVB	178235	282558	16.40%	2.146%
36	12.061	3339	3350	3366	rBV2	69627	171408	9.95%	1.302%

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	12.187	3377	3389	3404	rBV	361834	611322	35.47%	4.642%
38	12.479	3470	3480	3491	rBV3	22443	37816	2.19%	0.287%
39	12.675	3529	3541	3558	rBV3	159140	289756	16.81%	2.200%
40	12.881	3591	3605	3619	rBV4	158327	260258	15.10%	1.976%
41	13.019	3638	3648	3663	rVB	115209	179563	10.42%	1.364%
42	13.193	3692	3702	3712	rBV	15527	22344	1.30%	0.170%
43	13.441	3764	3779	3794	rBV	154935	242058	14.05%	1.838%
44	13.515	3794	3802	3815	rBV8	8746	17507	1.02%	0.133%
45	13.618	3826	3834	3848	rVB7	16746	31780	1.84%	0.241%
46	13.782	3875	3885	3893	rBV4	18142	28294	1.64%	0.215%
47	13.868	3903	3912	3920	rBV8	9593	18852	1.09%	0.143%
48	13.933	3925	3932	3945	rVV4	40207	64707	3.75%	0.491%
49	14.203	4002	4016	4027	rBV	70748	132524	7.69%	1.006%
50	14.286	4034	4042	4053	rVB5	9918	19794	1.15%	0.150%
51	15.167	4303	4316	4332	rBV2	26712	47372	2.75%	0.360%
52	15.415	4384	4393	4405	rBV6	12859	24004	1.39%	0.182%
53	15.952	4551	4560	4570	rBV3	19799	34149	1.98%	0.259%

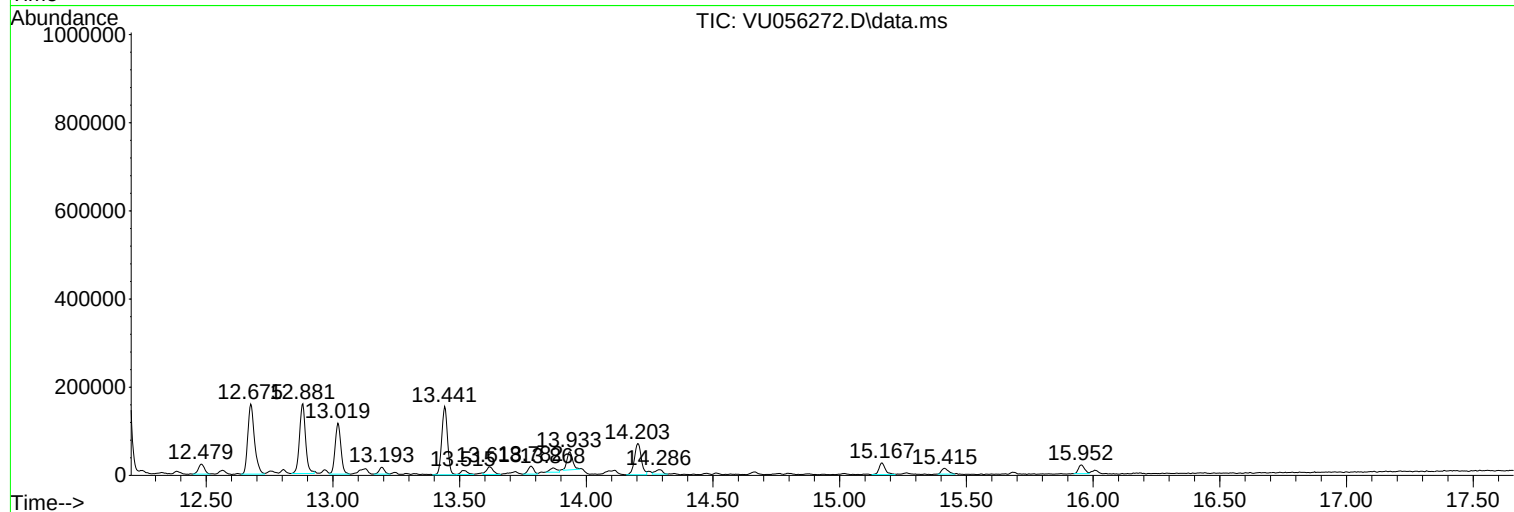
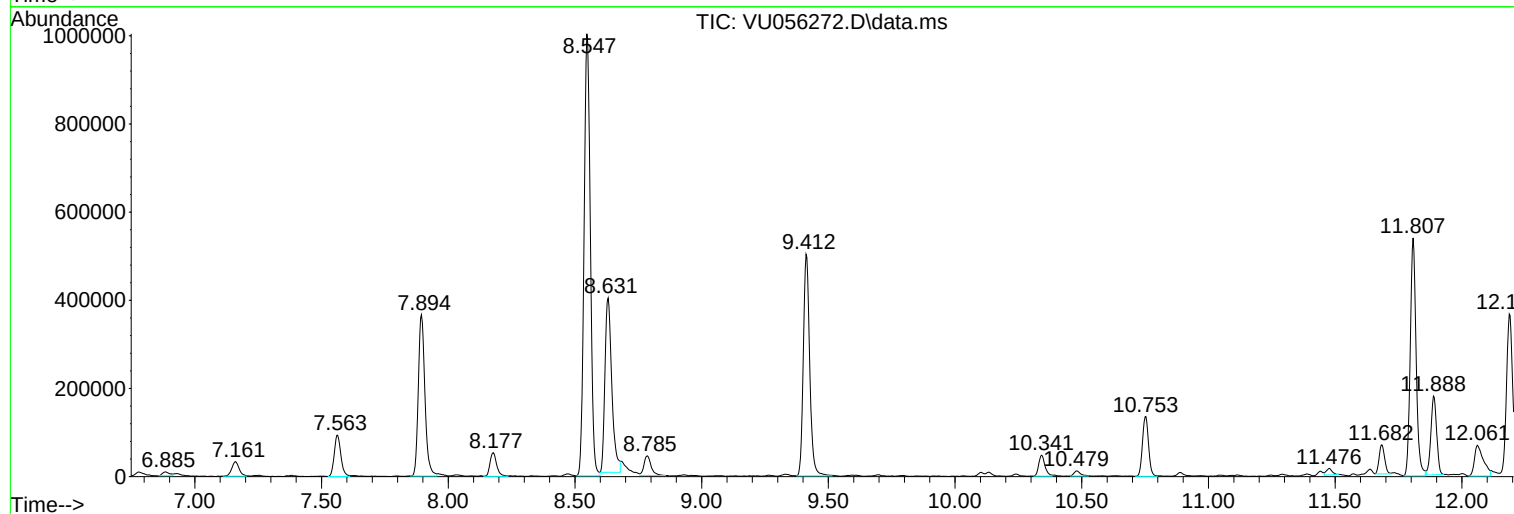
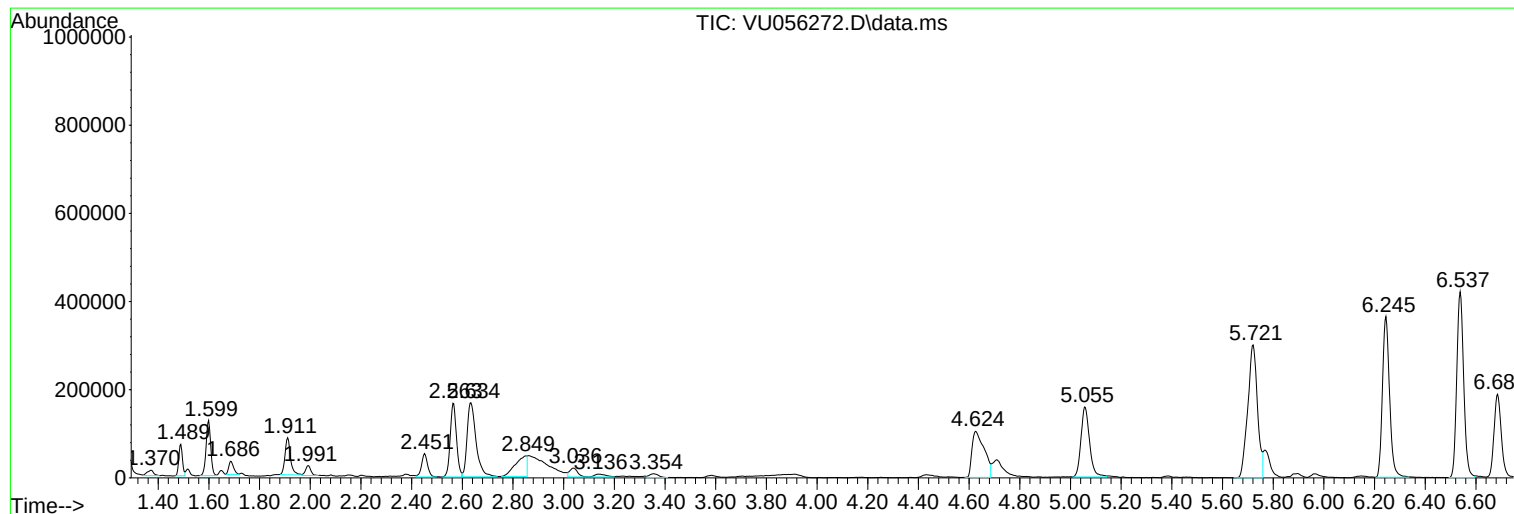
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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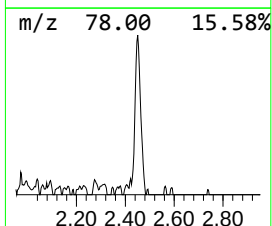
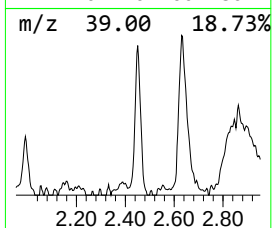
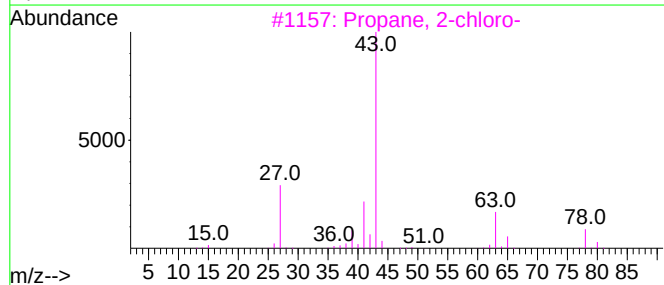
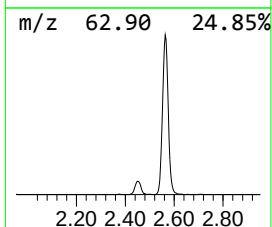
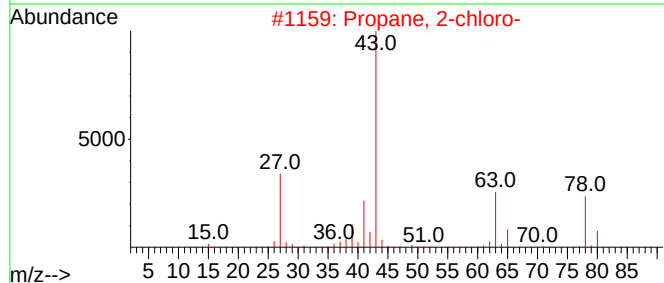
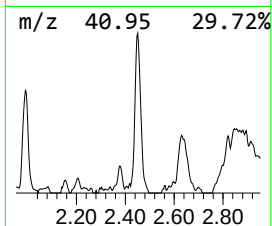
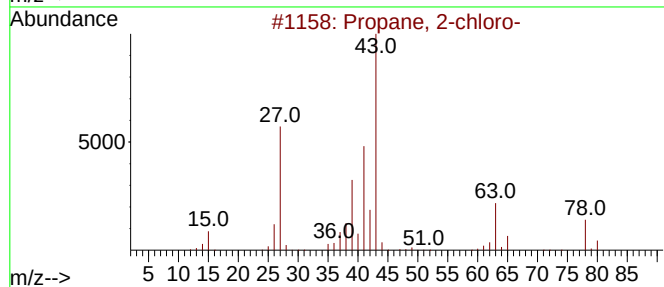
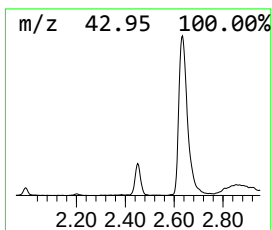
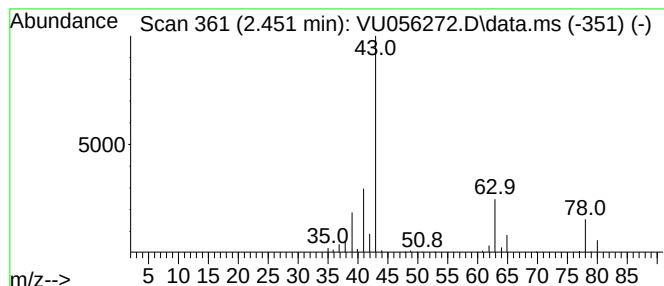
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Propane, 2-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.451	0.61 ug/L	87079	1,4-Difluorobenzene	6.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2-chloro-	78	C3H7Cl	000075-29-6	86
2			Propane, 2-chloro-	78	C3H7Cl	000075-29-6	78
3			Propane, 2-chloro-	78	C3H7Cl	000075-29-6	52
4			(S)-(-)-2-Chloropropionic acid	108	C3H5ClO2	029617-66-1	9
5			1-Propanol, 2-chloro-	94	C3H7ClO	000078-89-7	4



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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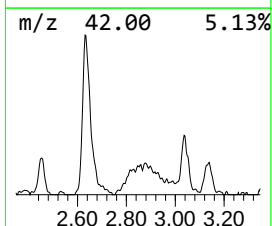
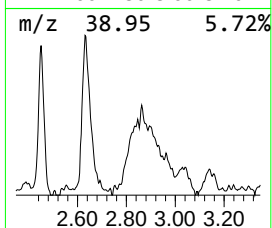
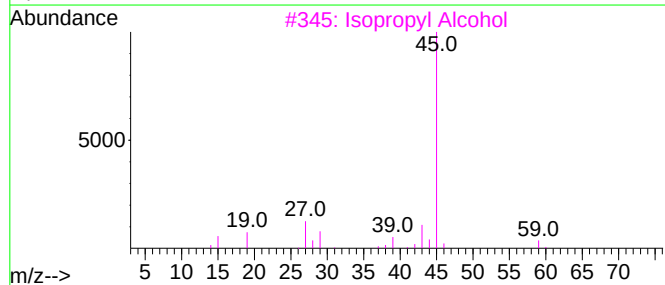
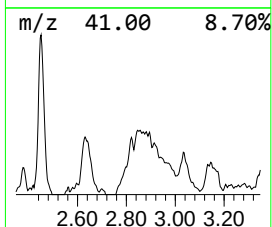
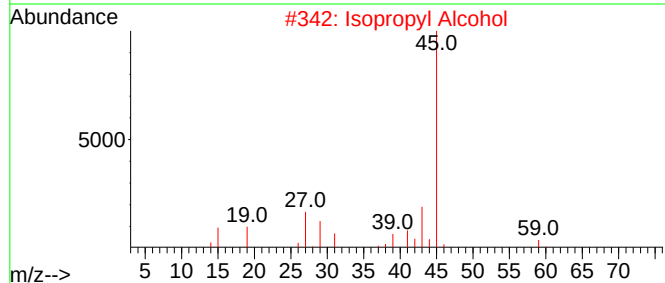
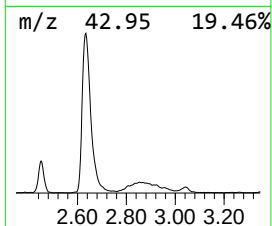
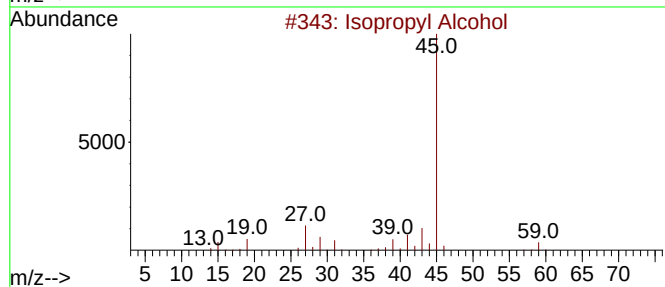
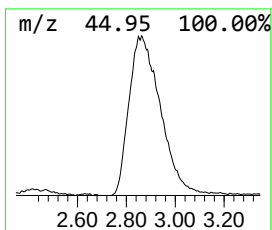
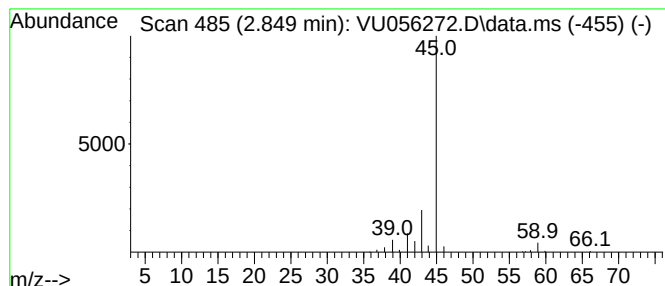
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.849	1.05 ug/L	150171	1,4-Difluorobenzene	6.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	90
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	64
5			4-Penten-2-ol	86	C5H10O	000625-31-0	9



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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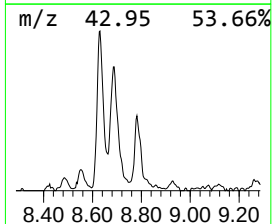
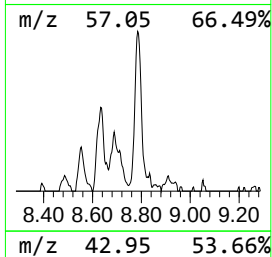
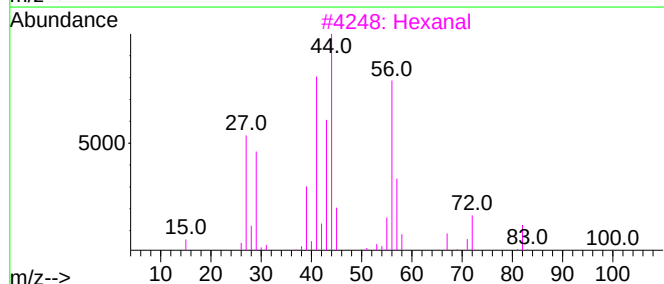
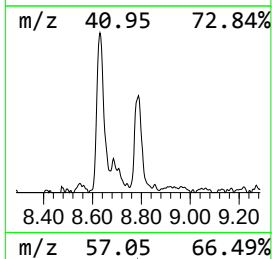
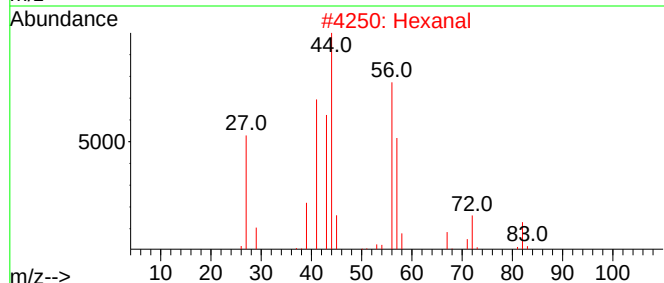
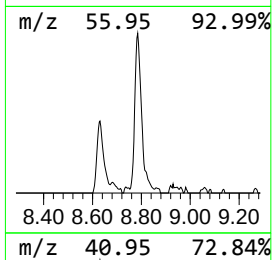
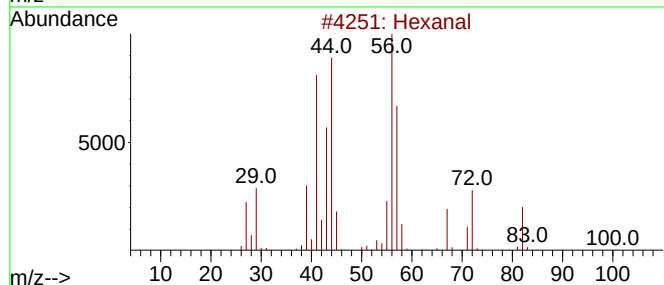
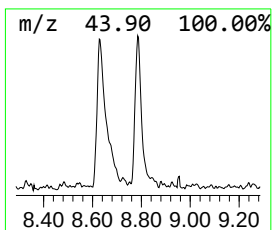
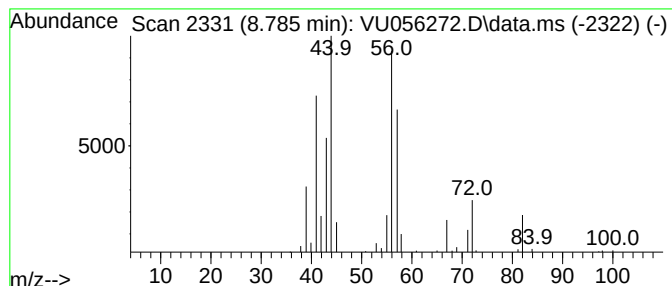
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Hexanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.785	0.50 ug/L	88867	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	90
2	Hexanal			100	C6H12O	000066-25-1	90
3	Hexanal			100	C6H12O	000066-25-1	83
4	Hexanal			100	C6H12O	000066-25-1	83
5	Hexanal			100	C6H12O	000066-25-1	83



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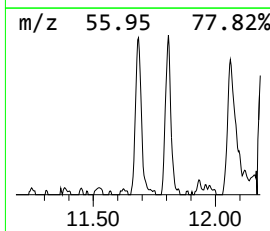
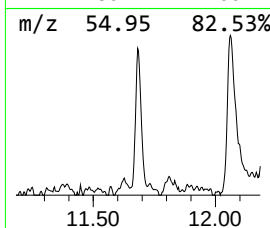
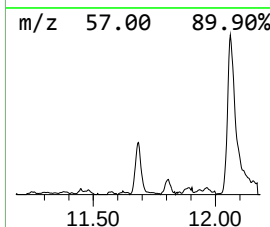
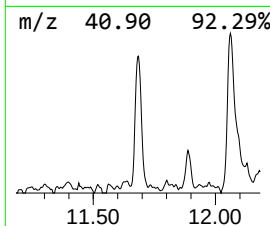
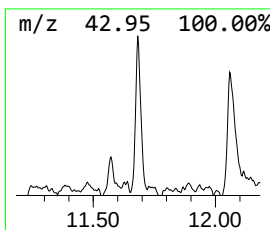
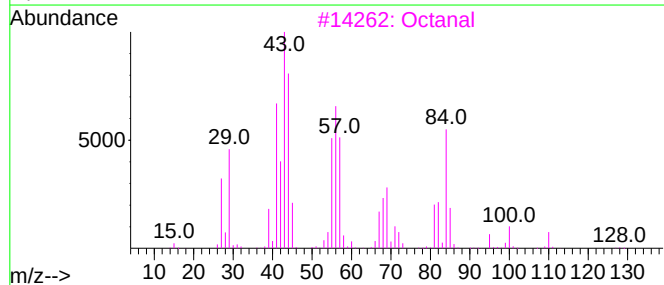
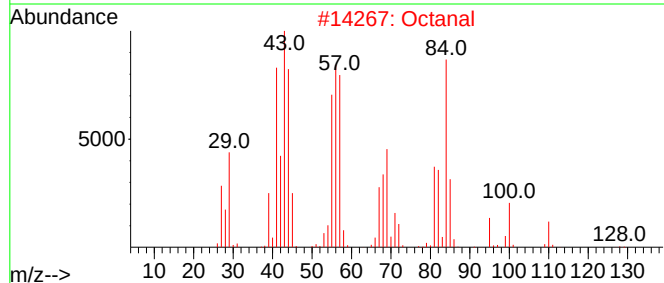
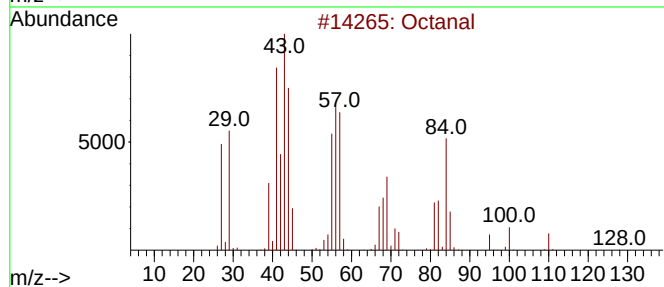
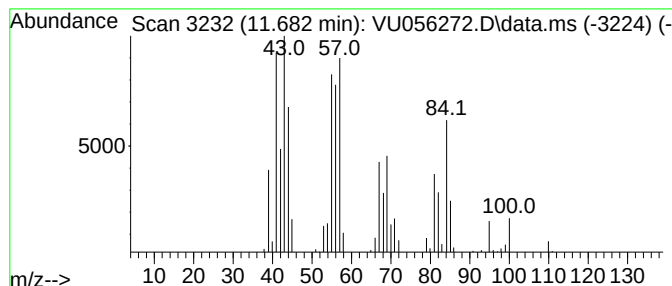
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Octanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.682	0.57 ug/L	99275	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	78
2	Octanal			128	C8H16O	000124-13-0	58
3	Octanal			128	C8H16O	000124-13-0	53
4	1,2-Cyclopentanediol, trans-			102	C5H10O2	005057-99-8	50
5	Piperazine, 2-methyl-			100	C5H12N2	000109-07-9	38



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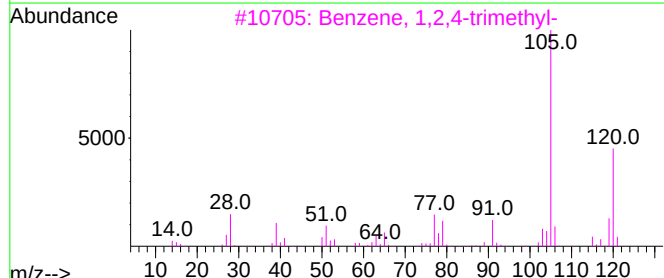
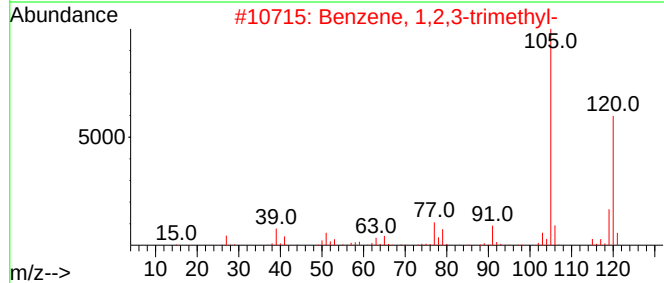
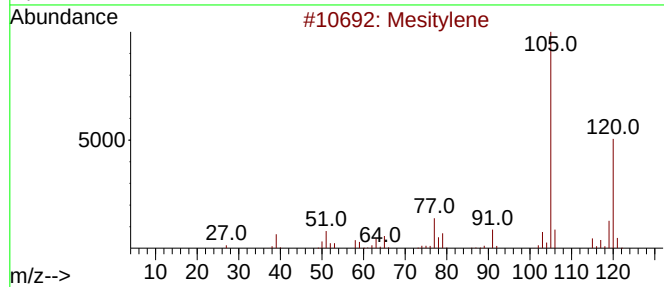
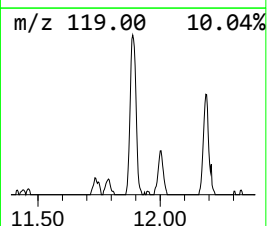
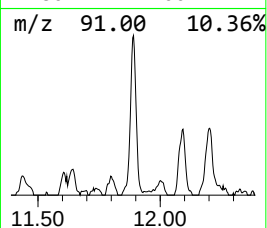
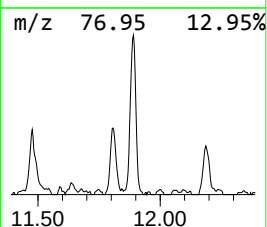
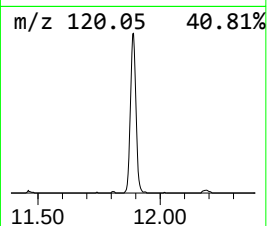
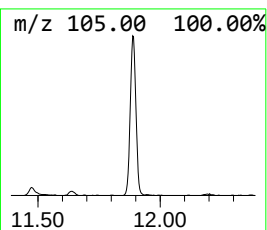
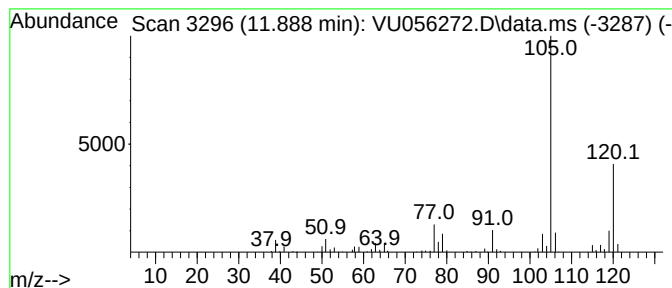
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	1.62 ug/L	282558	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
Data File : VU056272.D
Acq On : 13 Nov 2023 23:43
Operator : MD/SY
Sample : 05371-13RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0RE

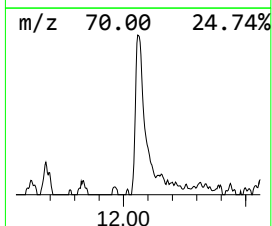
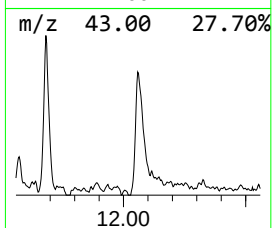
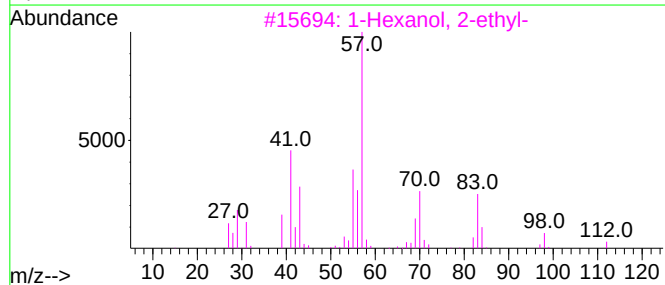
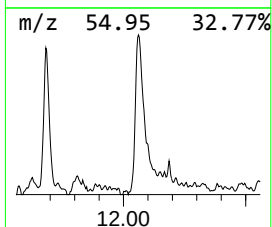
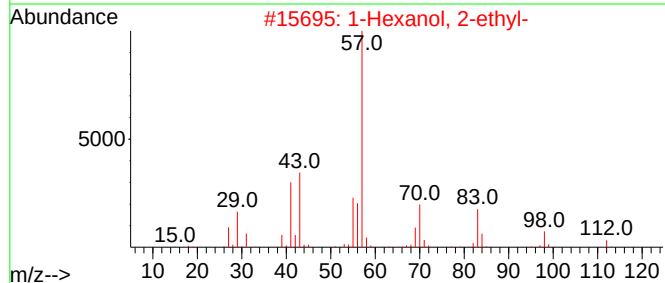
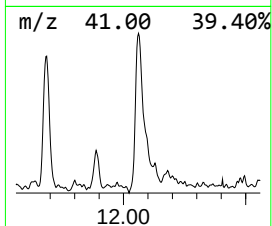
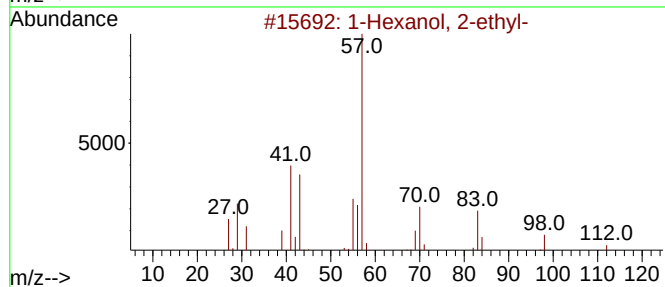
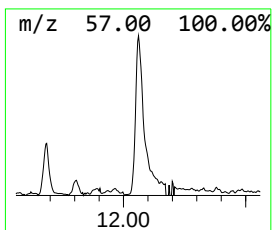
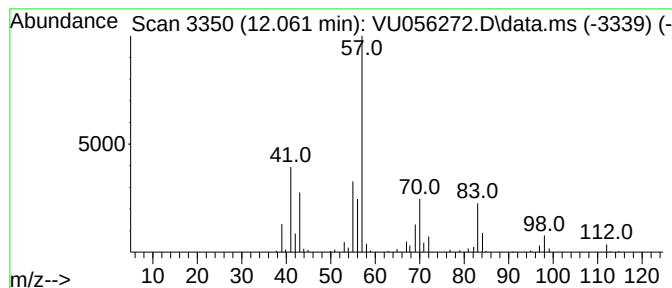
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.061	0.98 ug/L	171408	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5			2-Propyl-1-pentanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
Data File : VU056272.D
Acq On : 13 Nov 2023 23:43
Operator : MD/SY
Sample : 05371-13RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0RE

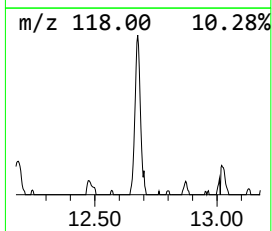
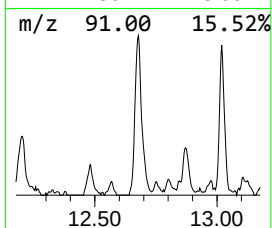
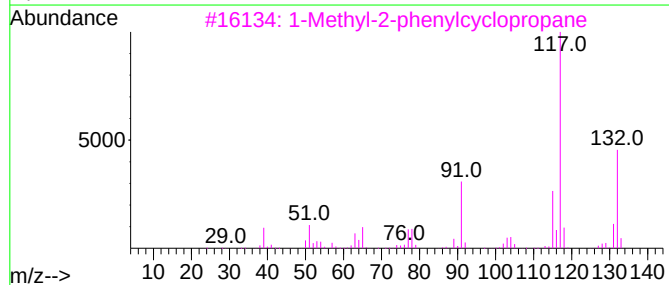
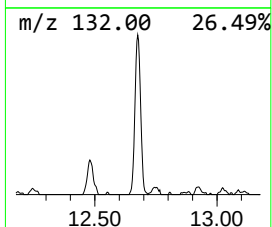
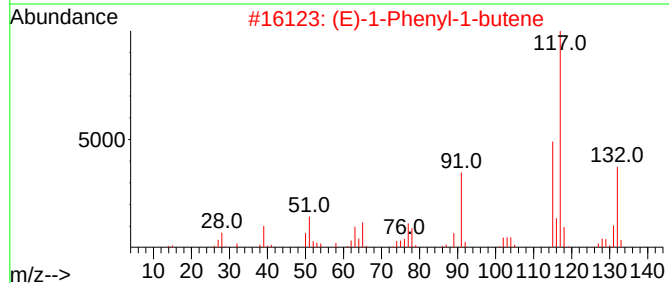
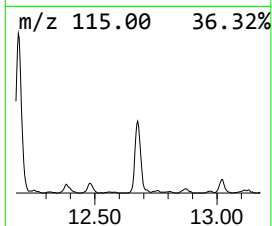
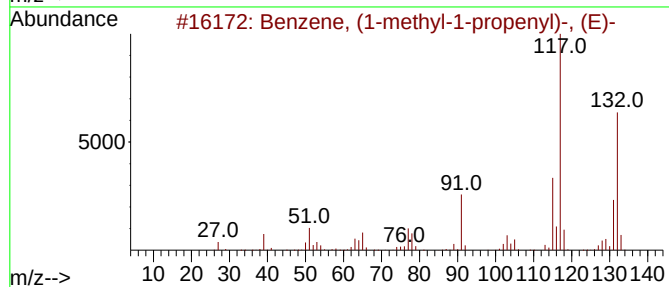
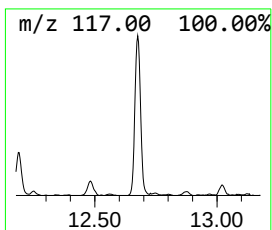
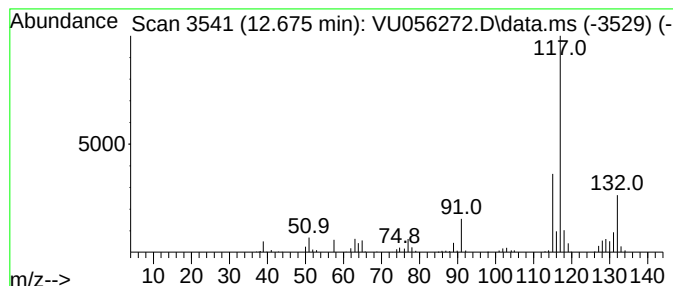
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Benzene, (1-methyl-1-propen... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.676	1.66 ug/L	289756	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
2			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86
4			Indan, 1-methyl-	132	C10H12	000767-58-8	81
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
Data File : VU056272.D
Acq On : 13 Nov 2023 23:43
Operator : MD/SY
Sample : 05371-13RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0RE

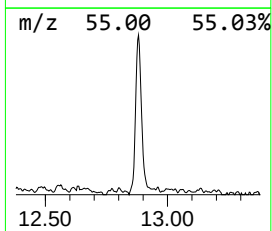
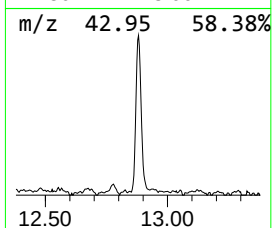
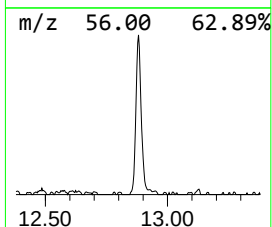
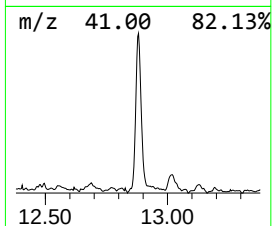
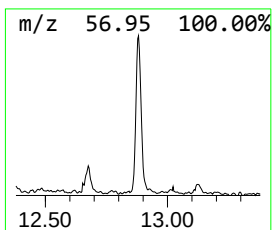
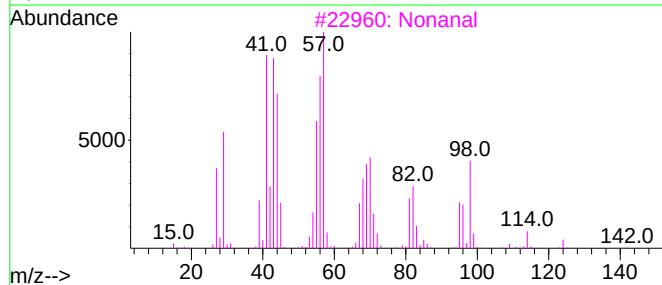
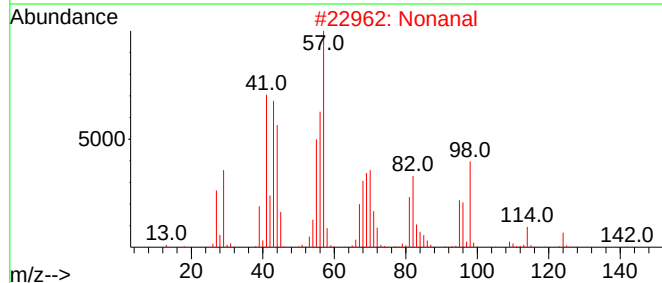
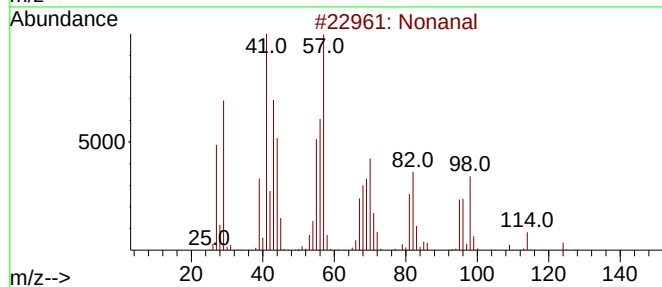
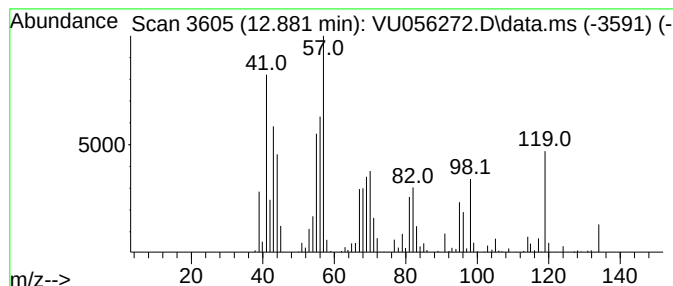
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.881	1.49 ug/L	260258	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	68
2			Nonanal	142	C9H18O	000124-19-6	68
3			Nonanal	142	C9H18O	000124-19-6	50
4			(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	25
5			2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
Data File : VU056272.D
Acq On : 13 Nov 2023 23:43
Operator : MD/SY
Sample : 05371-13RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0RE

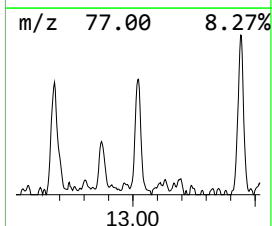
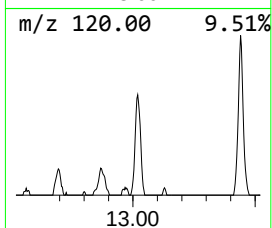
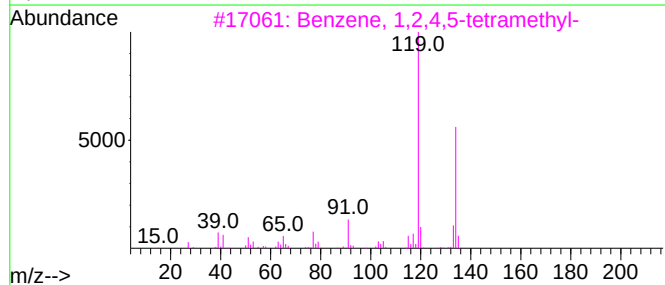
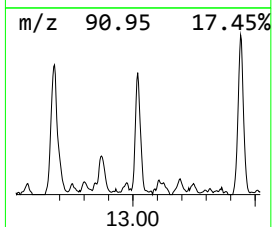
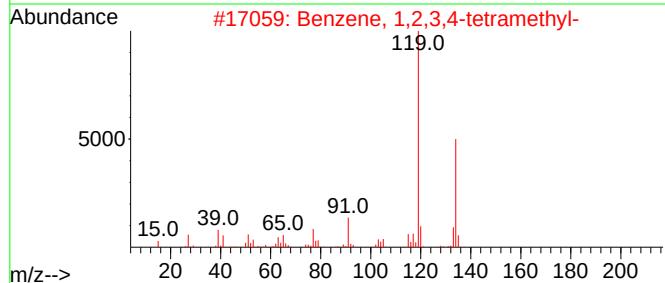
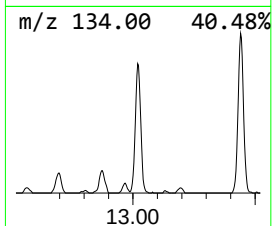
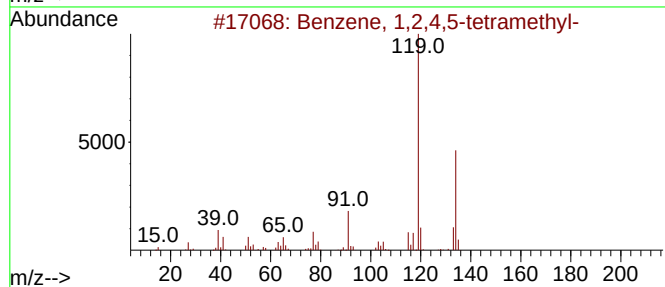
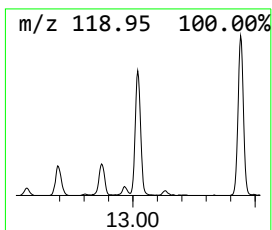
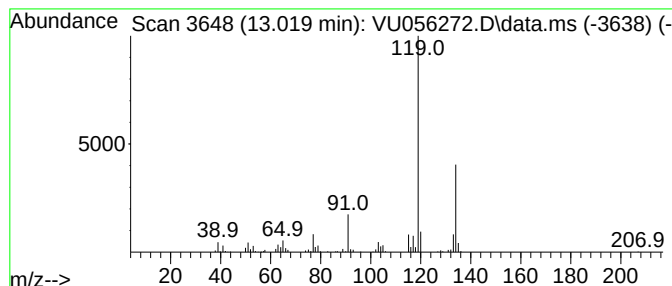
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.020	1.03 ug/L	179563	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
Data File : VU056272.D
Acq On : 13 Nov 2023 23:43
Operator : MD/SY
Sample : 05371-13RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0RE

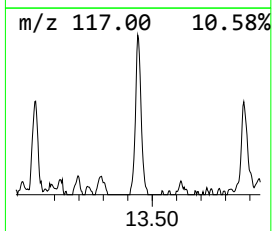
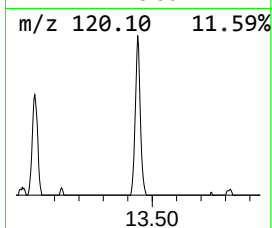
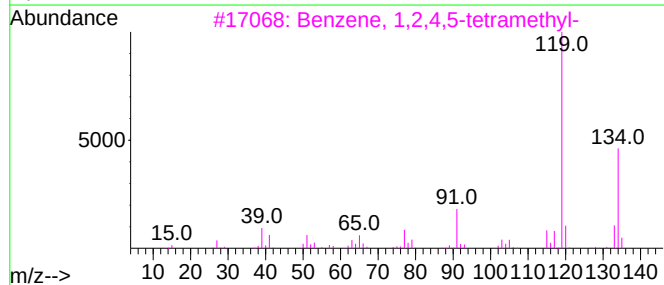
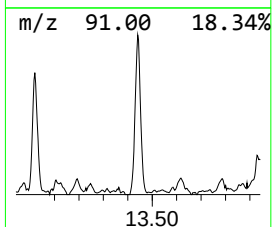
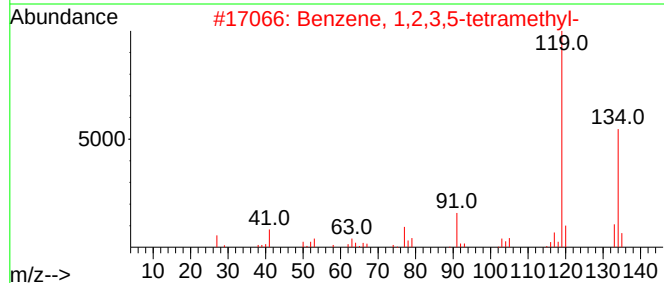
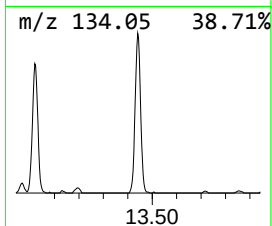
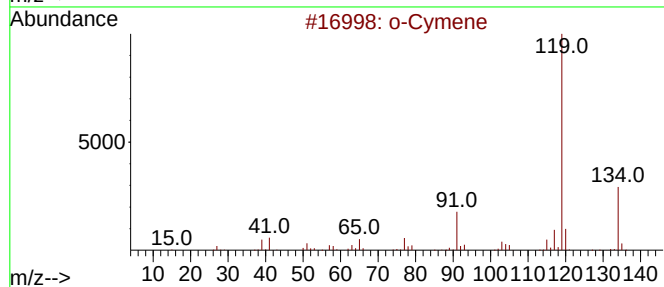
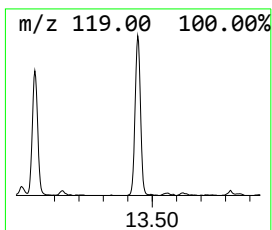
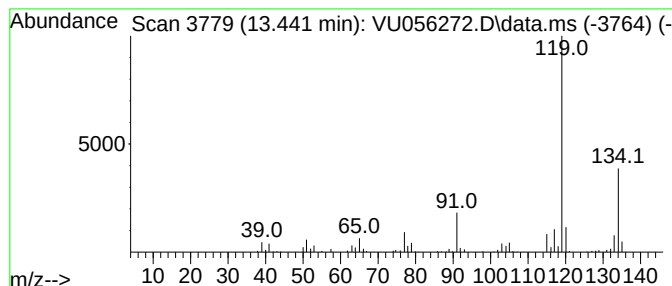
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.441	1.39 ug/L	242058	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	97
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
Data File : VU056272.D
Acq On : 13 Nov 2023 23:43
Operator : MD/SY
Sample : 05371-13RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0RE

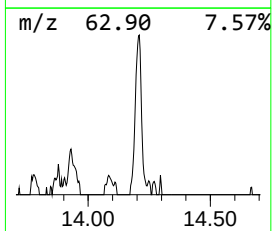
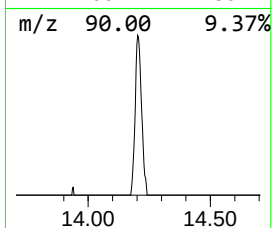
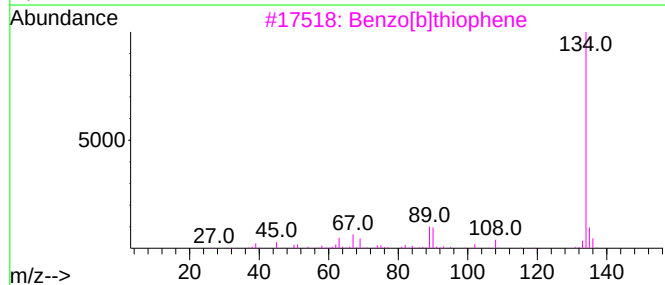
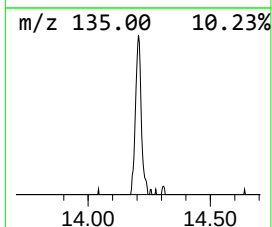
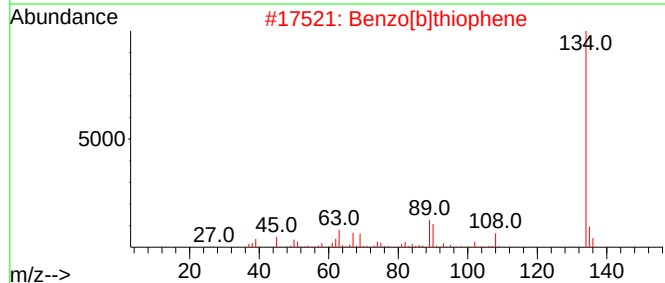
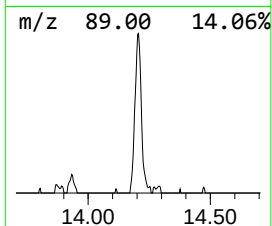
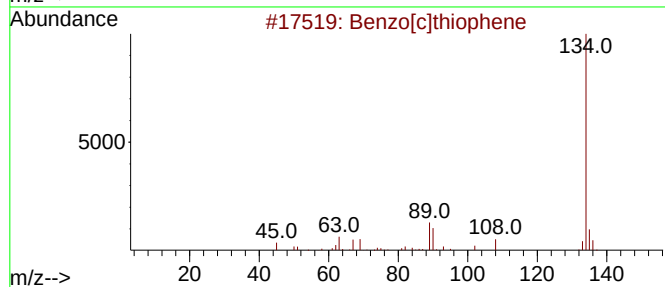
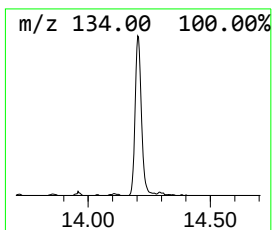
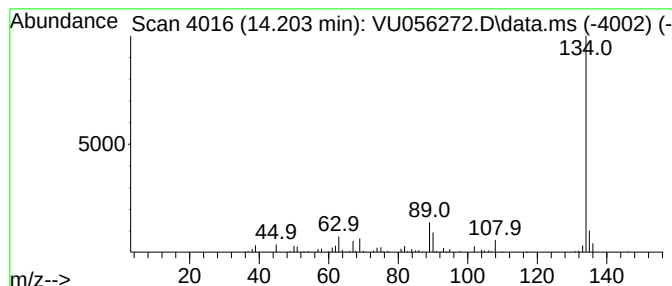
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 Benzo[c]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.203	0.76 ug/L	132524	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4			Benzo[b]thiophene	134	C8H6S	000095-15-8	90
5			Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
Data File : VU056272.D
Acq On : 13 Nov 2023 23:43
Operator : MD/SY
Sample : 05371-13RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDP0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.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
Propane, 2-chloro-	2.451	0.6	ug/L	87079	1	6.245	715272	5.0
Isopropyl Alcohol	2.849	1.1	ug/L	150171	1	6.245	715272	5.0
Hexanal	8.785	0.5	ug/L	88867	2	9.412	887825	5.0
Octanal	11.682	0.6	ug/L	99275	3	11.807	873236	5.0
Benzene, 1,2,3-...	11.888	1.6	ug/L	282558	3	11.807	873236	5.0
1-Hexanol, 2-et...	12.061	1.0	ug/L	171408	3	11.807	873236	5.0
Benzene, (1-met...	12.676	1.7	ug/L	289756	3	11.807	873236	5.0
Nonanal	12.881	1.5	ug/L	260258	3	11.807	873236	5.0
Benzene, 1,2,4,...	13.020	1.0	ug/L	179563	3	11.807	873236	5.0
o-Cymene	13.441	1.4	ug/L	242058	3	11.807	873236	5.0
Benzo[c]thiophene	14.203	0.8	ug/L	132524	3	11.807	873236	5.0