

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022124\
 Data File : VV034318.D
 Acq On : 21 Feb 2024 14:42
 Operator : SY/MD
 Sample : P1503-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNC3

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\SFAMVTR012524WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV034318.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	10	14	27	rVB2	5628	7631	2.03%	0.263%
2	1.192	39	47	66	rBV2	28746	96463	25.71%	3.326%
3	1.278	67	74	81	rVB	35390	40181	10.71%	1.386%
4	1.336	81	92	103	rBV2	17475	56126	14.96%	1.935%
5	1.532	147	153	166	rVB	35146	43888	11.70%	1.513%
6	2.060	308	317	333	rVB	69168	113527	30.26%	3.915%
7	2.513	449	458	473	rVB3	4083	7798	2.08%	0.269%
8	2.706	498	518	562	rBV	166976	375180	100.00%	12.937%
9	3.214	664	676	692	rBV5	2926	7396	1.97%	0.255%
10	3.671	805	818	832	rVB4	5373	12870	3.43%	0.444%
11	3.831	858	868	909	rBV3	16300	77752	20.72%	2.681%
12	4.249	983	998	1022	rBV2	45354	117614	31.35%	4.056%
13	4.580	1091	1101	1113	rVB6	2123	4648	1.24%	0.160%
14	4.957	1205	1218	1249	rBV2	102994	259924	69.28%	8.963%
15	5.204	1278	1295	1318	rBV3	12432	31626	8.43%	1.091%
16	5.535	1385	1398	1425	rBV	89803	188007	50.11%	6.483%
17	5.989	1528	1539	1556	rBV	56749	119502	31.85%	4.121%
18	6.918	1819	1828	1851	rBV2	20956	42643	11.37%	1.470%
19	7.243	1919	1929	1952	rBV	122570	220862	58.87%	7.616%
20	7.561	2019	2028	2054	rBV2	10108	21055	5.61%	0.726%
21	8.030	2165	2174	2206	rBV	100409	220268	58.71%	7.595%
22	8.735	2384	2393	2399	rBV4	2916	4385	1.17%	0.151%
23	8.786	2399	2409	2432	rVV	135102	223390	59.54%	7.703%
24	10.153	2825	2834	2850	rBV	39650	62659	16.70%	2.161%
25	11.185	3145	3155	3178	rBV	140245	218376	58.21%	7.530%
26	11.487	3236	3249	3261	rBV5	15169	25355	6.76%	0.874%
27	11.561	3261	3272	3296	rVV	127783	203425	54.22%	7.015%
28	11.956	3385	3395	3407	rBV2	18358	25827	6.88%	0.891%
29	12.352	3507	3518	3529	rBV	17142	24634	6.57%	0.849%
30	12.818	3653	3663	3677	rBV2	28061	42897	11.43%	1.479%
31	15.741	4563	4572	4579	rBV6	2910	4155	1.11%	0.143%

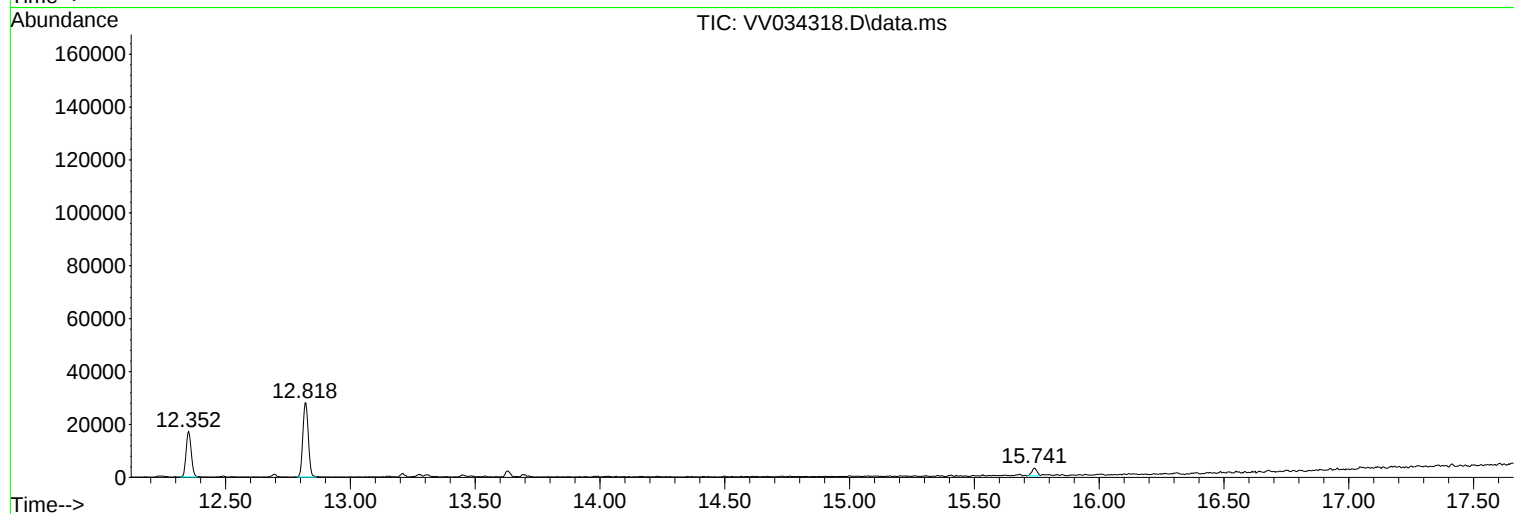
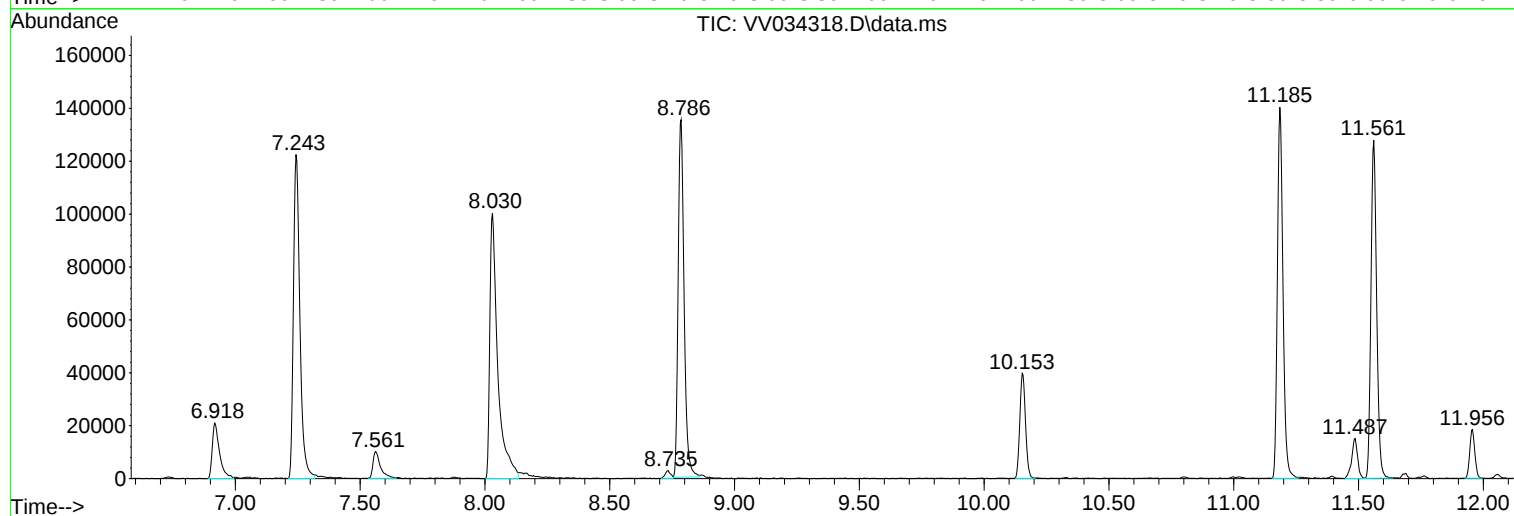
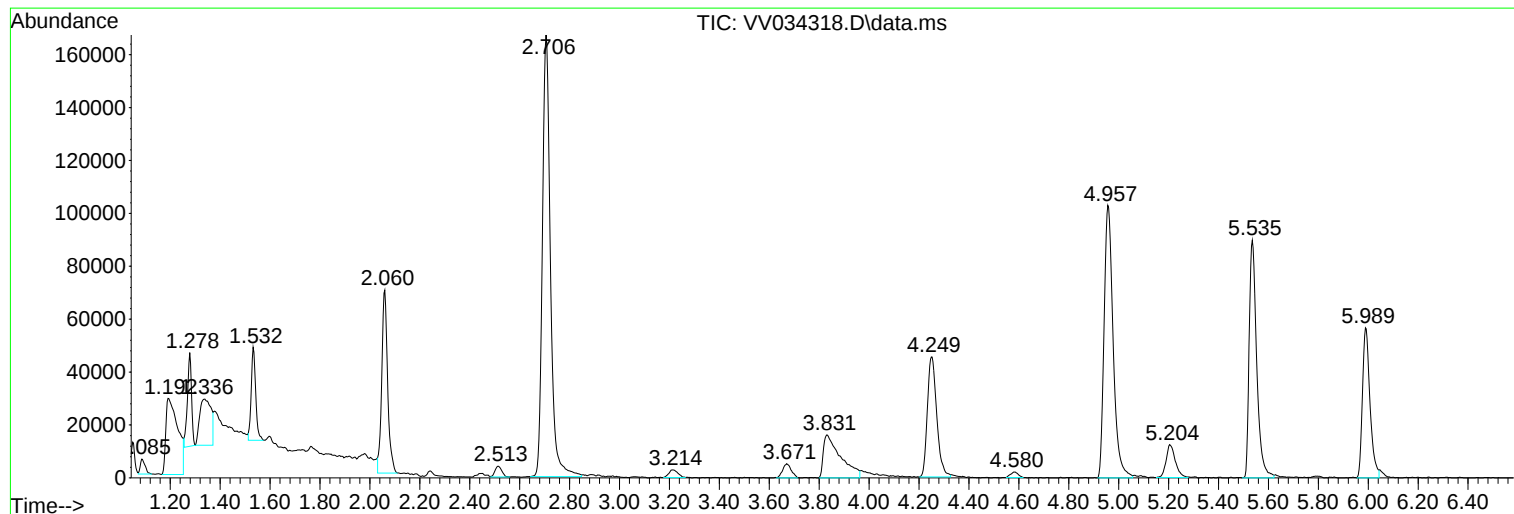
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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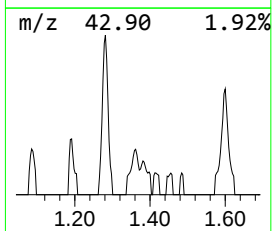
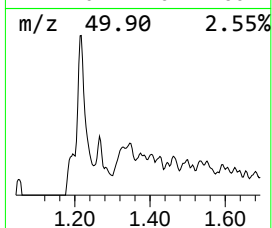
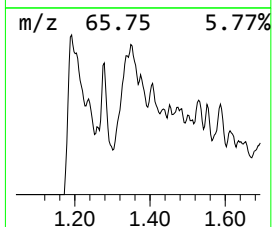
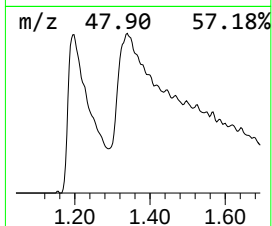
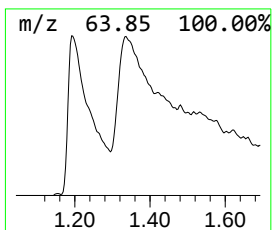
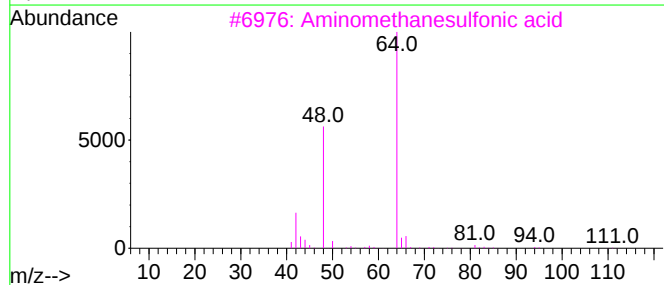
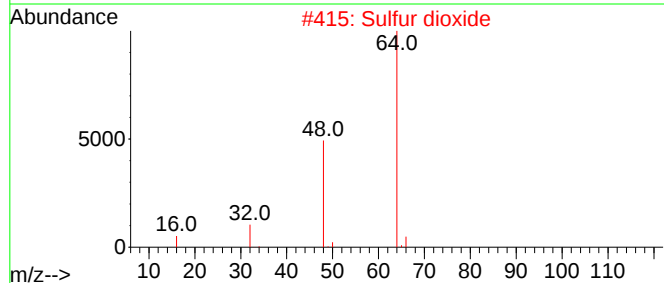
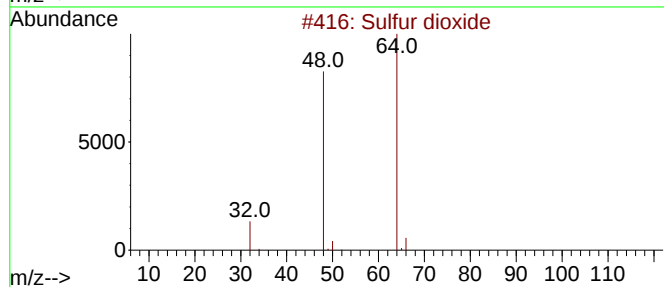
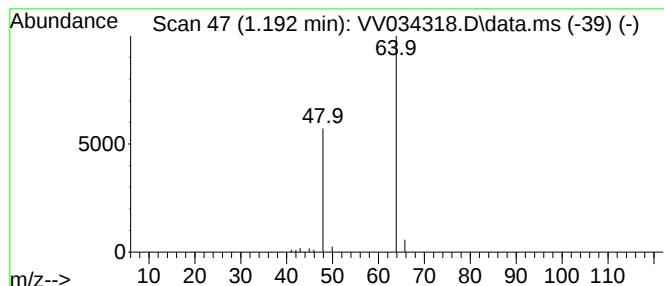
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.192	2.57 ug/L	96463	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	74
2			Sulfur dioxide	64	O2S	007446-09-5	74
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	9



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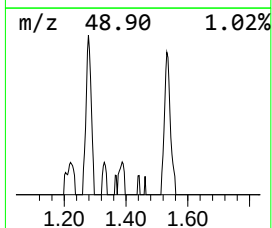
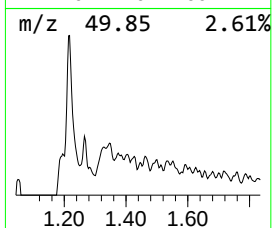
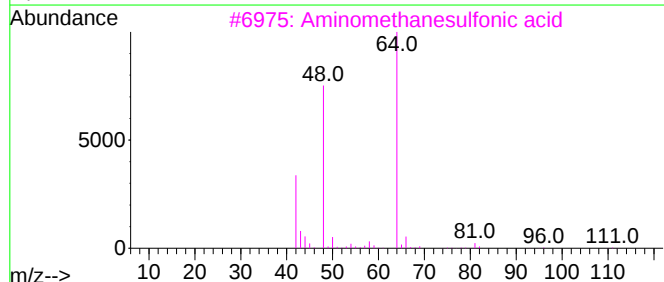
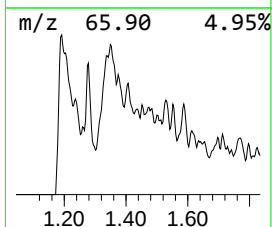
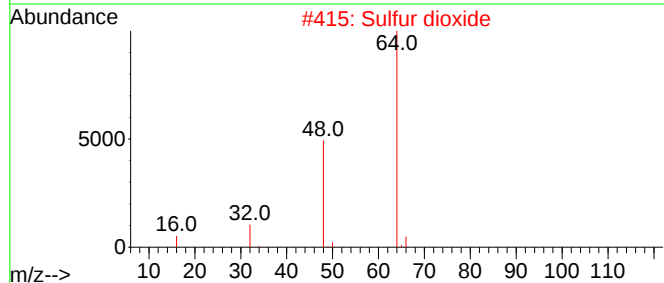
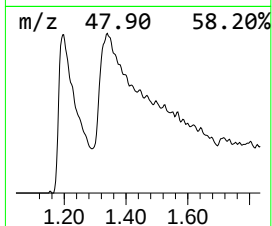
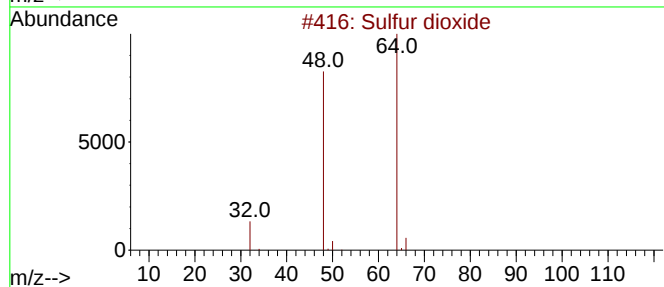
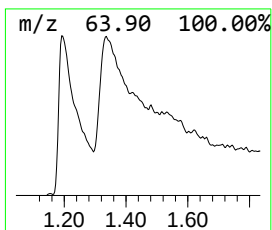
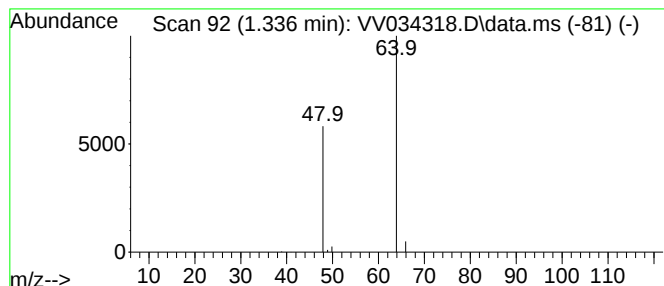
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Aminomethanesulfonic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.336	1.49 ug/L	56126	1,4-Difluorobenzene	5.535

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



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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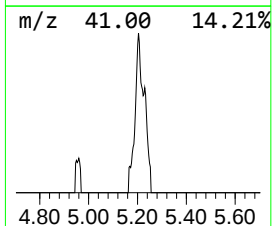
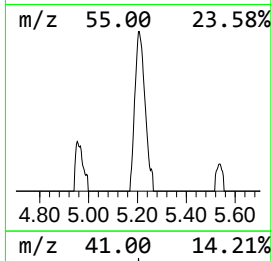
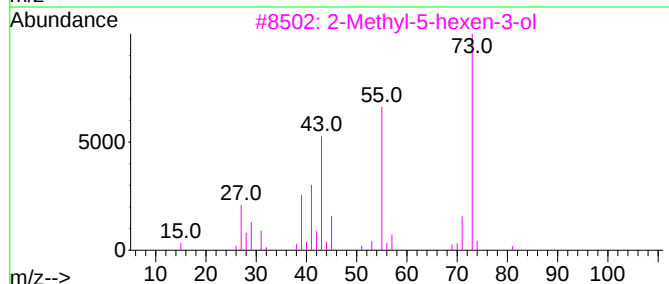
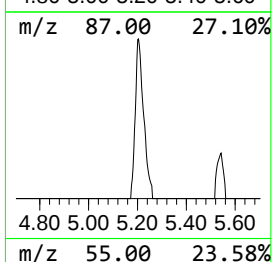
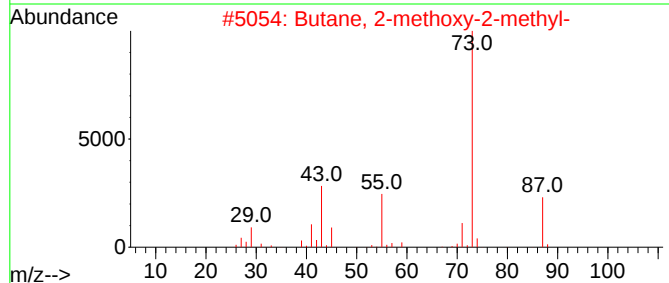
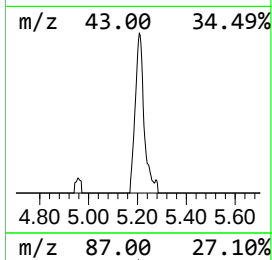
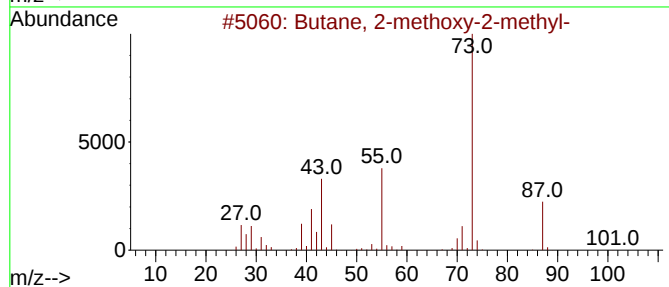
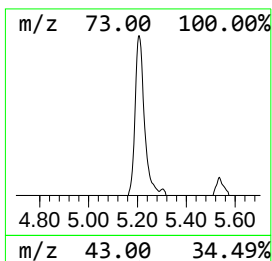
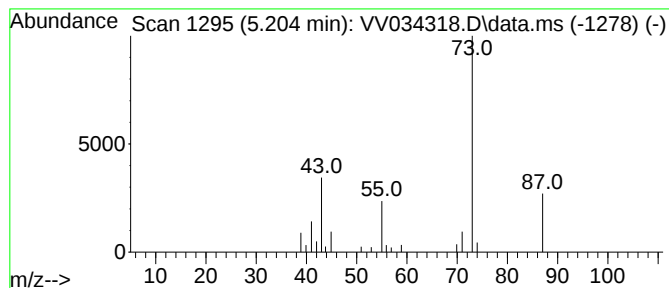
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.204	0.84 ug/L	31626	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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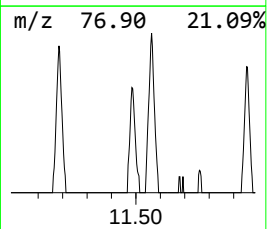
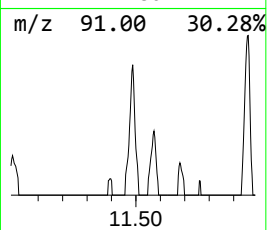
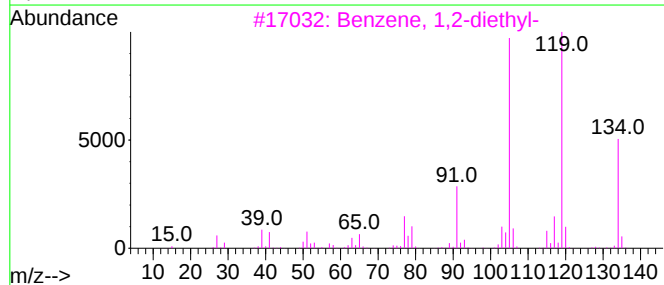
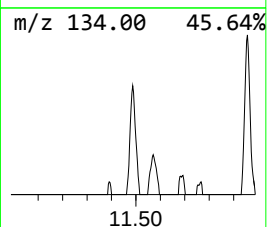
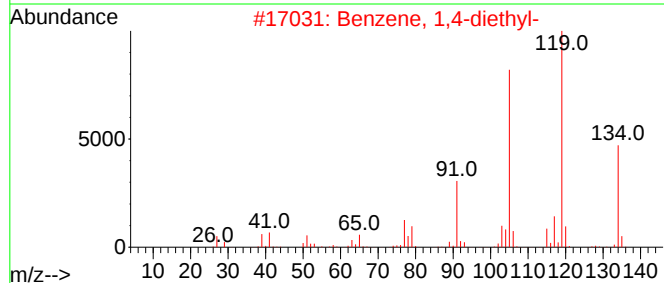
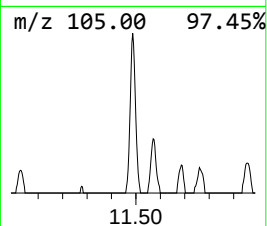
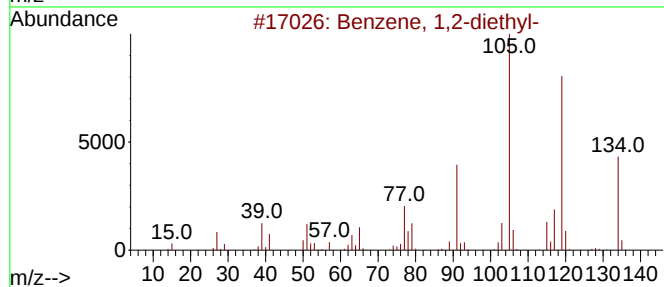
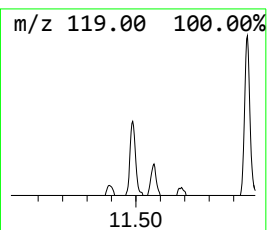
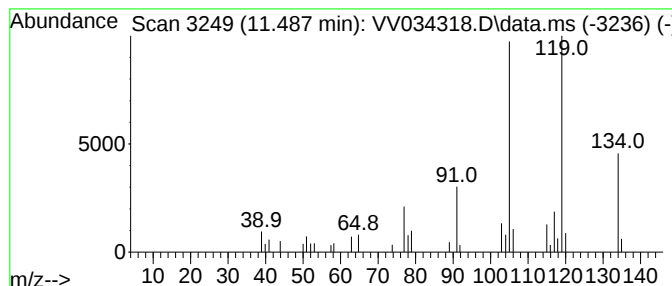
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.487	0.58 ug/L	25355	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90



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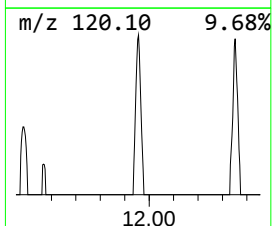
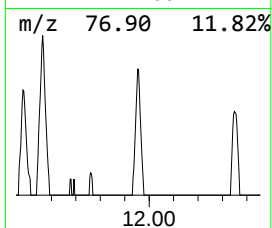
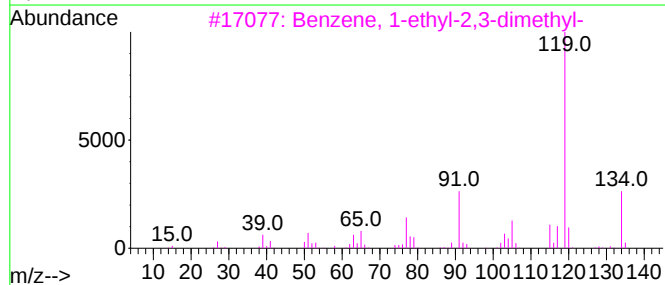
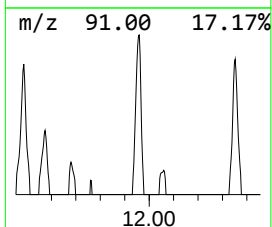
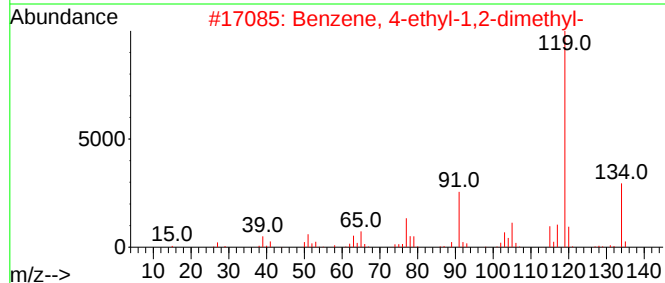
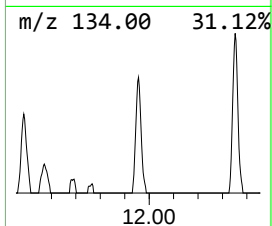
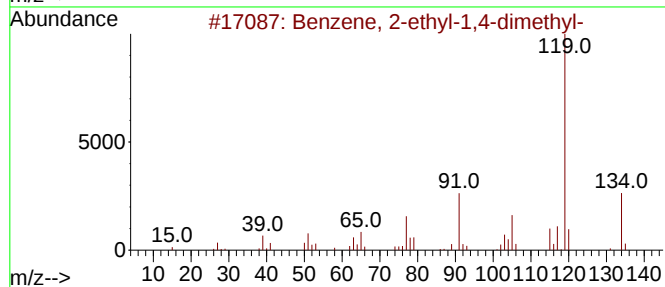
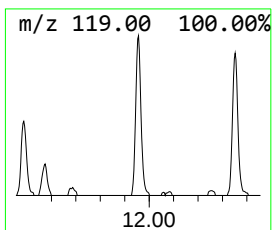
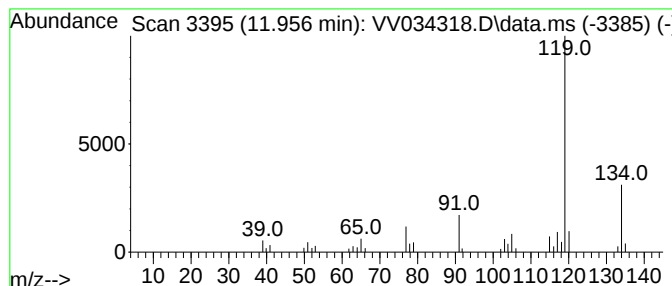
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.956	0.59 ug/L	25827	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			o-Cymene	134	C10H14	000527-84-4	94
5			o-Cymene	134	C10H14	000527-84-4	94



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DCNC3

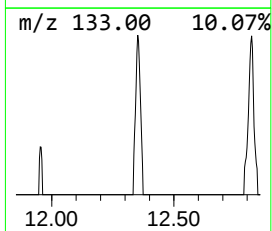
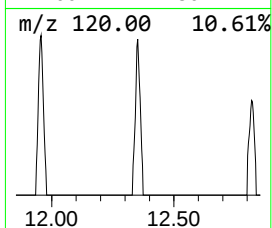
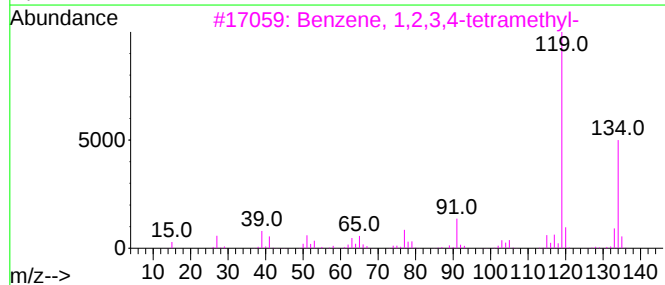
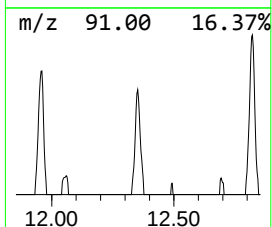
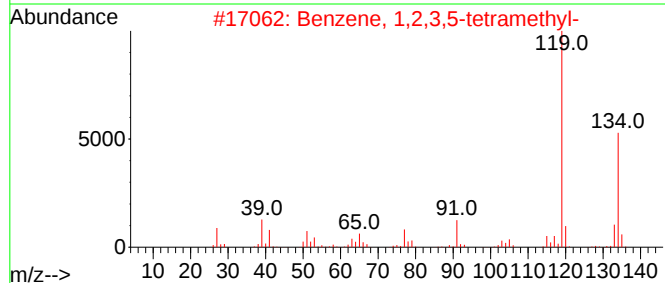
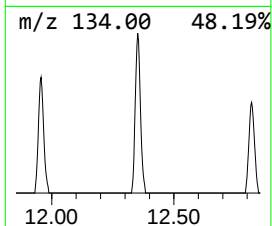
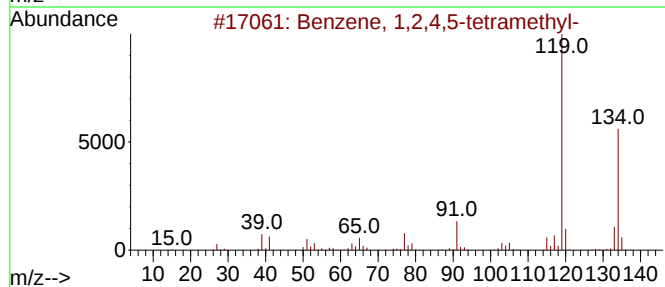
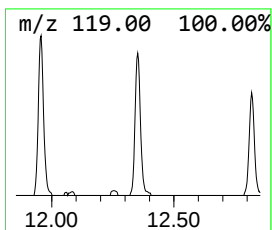
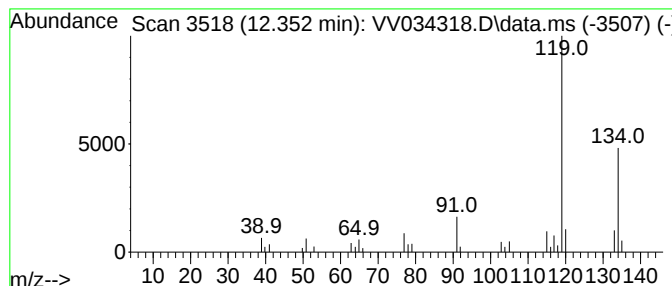
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.352	0.56 ug/L	24634	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022124\
Data File : VV034318.D
Acq On : 21 Feb 2024 14:42
Operator : SY/MD
Sample : P1503-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCNC3

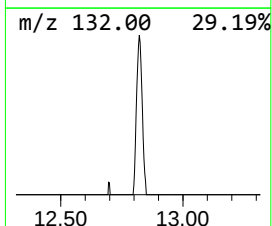
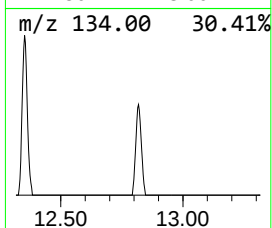
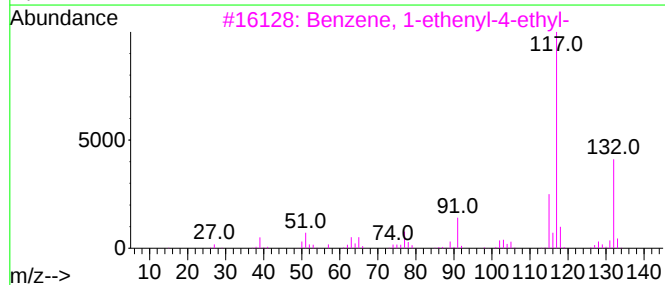
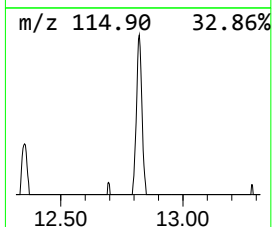
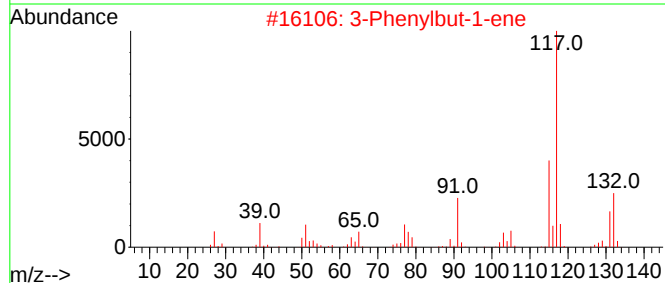
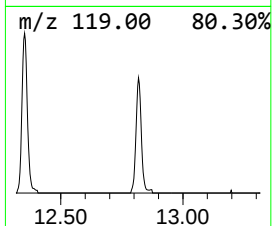
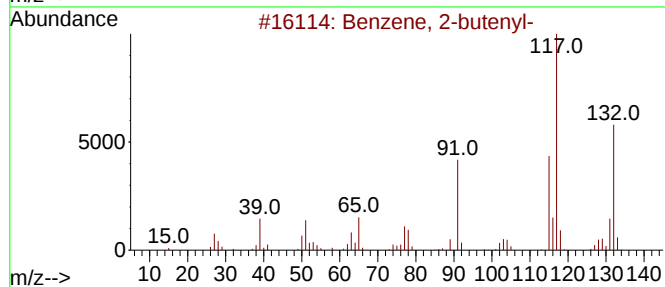
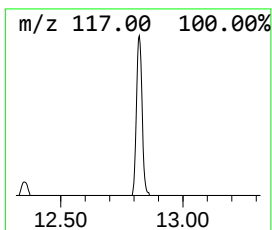
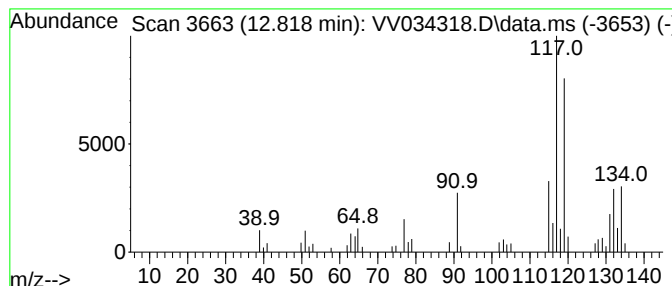
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Benzene, 2-butenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.818	0.98 ug/L	42897	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	55
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022124\
Data File : VV034318.D
Acq On : 21 Feb 2024 14:42
Operator : SY/MD
Sample : P1503-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCNC3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.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
Sulfur dioxide	1.192	2.6	ug/L	96463	1	5.535	188007	5.0
Aminomethanesul...	1.336	1.5	ug/L	56126	1	5.535	188007	5.0
Butane, 2-metho...	5.204	0.8	ug/L	31626	1	5.535	188007	5.0
Benzene, 1,2-di...	11.487	0.6	ug/L	25355	3	11.185	218376	5.0
Benzene, 2-ethy...	11.956	0.6	ug/L	25827	3	11.185	218376	5.0
Benzene, 1,2,4,...	12.352	0.6	ug/L	24634	3	11.185	218376	5.0
Benzene, 2-bute...	12.818	1.0	ug/L	42897	3	11.185	218376	5.0