

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022124\
 Data File : VV034317.D
 Acq On : 21 Feb 2024 14:18
 Operator : SY/MD
 Sample : P1503-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNC0

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: VV034317.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.089	10	15	24	rVB4	3063	3986	1.03%	0.134%
2	1.182	36	44	66	rBV	52652	114159	29.43%	3.831%
3	1.278	67	74	77	rBV2	26409	28124	7.25%	0.944%
4	1.311	77	84	122	rVB	42279	144444	37.24%	4.848%
5	1.536	148	154	169	rVB	29204	38047	9.81%	1.277%
6	2.060	308	317	334	rVB	58531	99482	25.65%	3.339%
7	2.516	451	459	468	rVB3	3676	6037	1.56%	0.203%
8	2.706	500	518	543	rBV	181826	387855	100.00%	13.016%
9	3.667	806	817	818	rBV3	4627	5422	1.40%	0.182%
10	3.819	855	864	904	rBV2	25021	90617	23.36%	3.041%
11	4.253	984	999	1021	rBV2	38263	98162	25.31%	3.294%
12	4.960	1204	1219	1247	rBV3	84769	215960	55.68%	7.248%
13	5.204	1281	1295	1313	rBV3	12715	32280	8.32%	1.083%
14	5.535	1387	1398	1428	rBV	78493	162036	41.78%	5.438%
15	5.989	1528	1539	1569	rBV	49056	108702	28.03%	3.648%
16	6.918	1819	1828	1850	rBV3	17846	36948	9.53%	1.240%
17	7.243	1920	1929	1951	rBV	99809	180559	46.55%	6.060%
18	7.564	2019	2029	2046	rBV3	9267	18806	4.85%	0.631%
19	8.027	2165	2173	2209	rBV	104857	224624	57.91%	7.538%
20	8.735	2383	2393	2399	rBV4	2595	4297	1.11%	0.144%
21	8.786	2399	2409	2436	rVV	116375	194392	50.12%	6.524%
22	10.153	2825	2834	2850	rBV2	37525	59345	15.30%	1.992%
23	11.185	3145	3155	3175	rBV	122066	192082	49.52%	6.446%
24	11.484	3238	3248	3262	rVB	34987	51428	13.26%	1.726%
25	11.561	3262	3272	3292	rBV	114274	183877	47.41%	6.171%
26	11.683	3303	3310	3318	rVB3	3516	4840	1.25%	0.162%
27	11.953	3384	3394	3411	rBV	63982	94170	24.28%	3.160%
28	12.259	3475	3489	3497	rBV5	2156	4080	1.05%	0.137%
29	12.352	3508	3518	3530	rBV	43936	62893	16.22%	2.111%
30	12.818	3652	3663	3678	rVB2	86713	132075	34.05%	4.432%

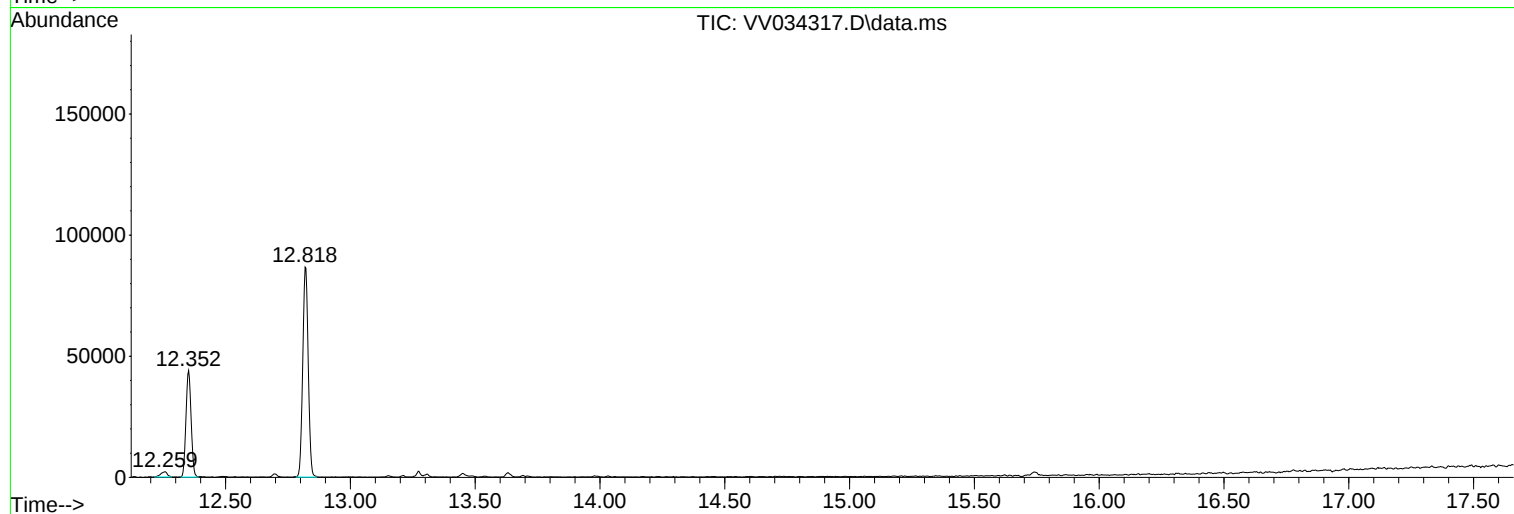
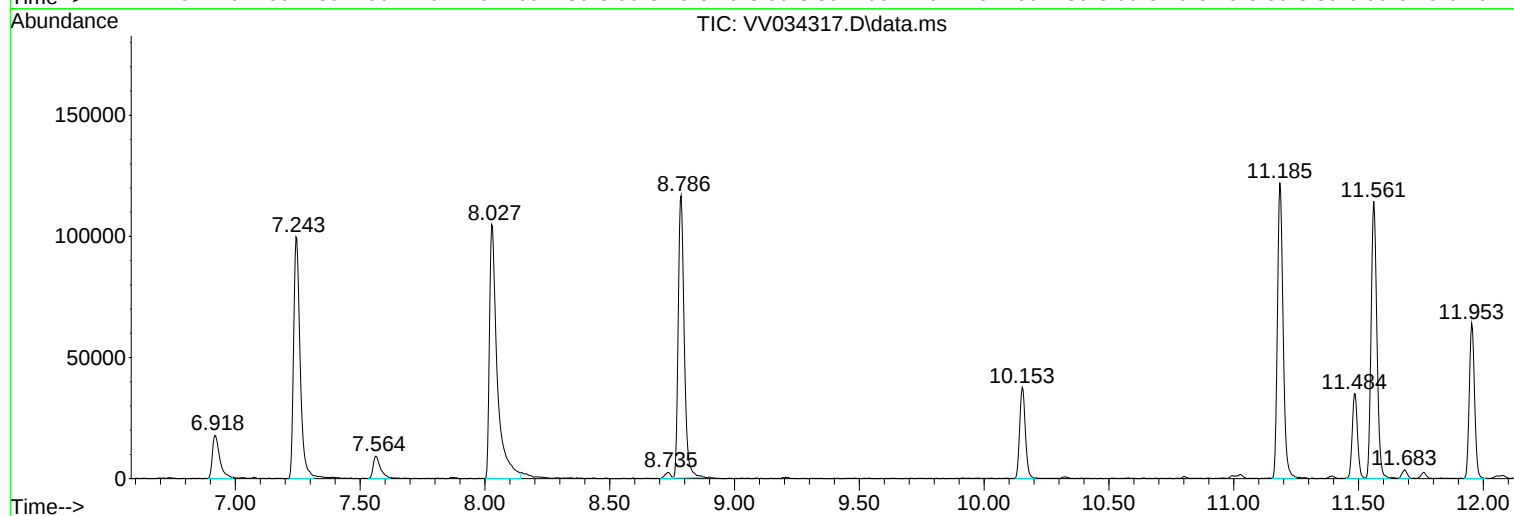
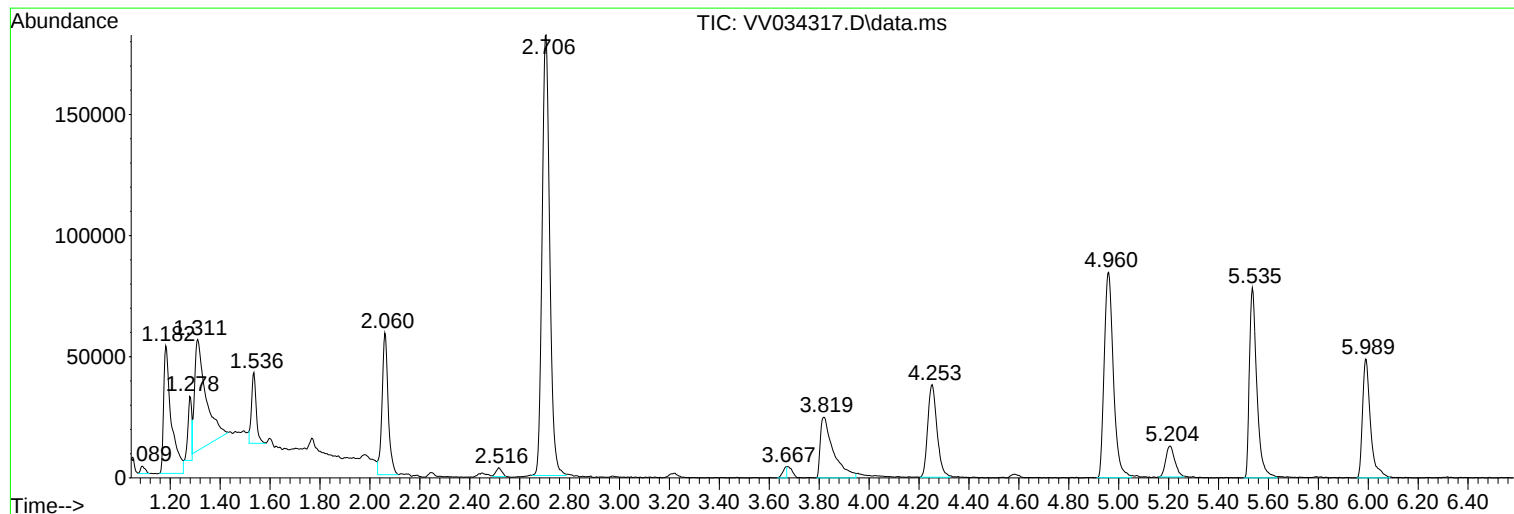
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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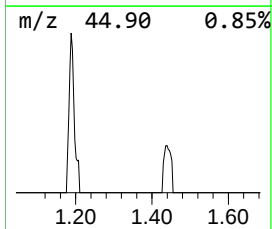
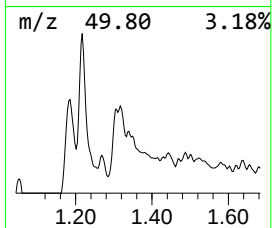
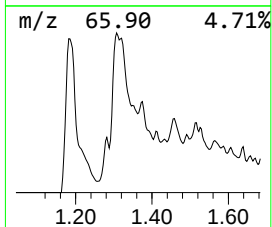
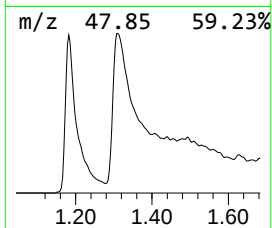
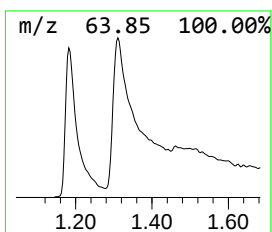
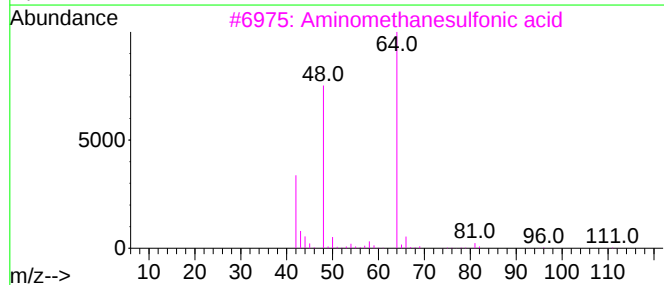
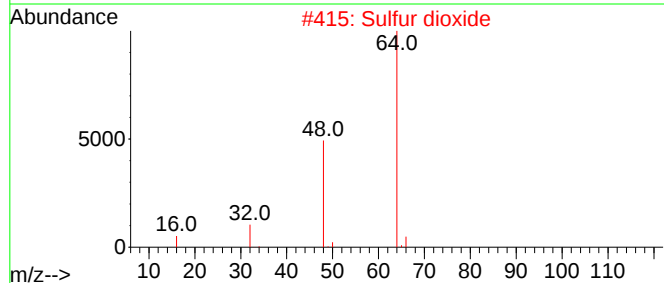
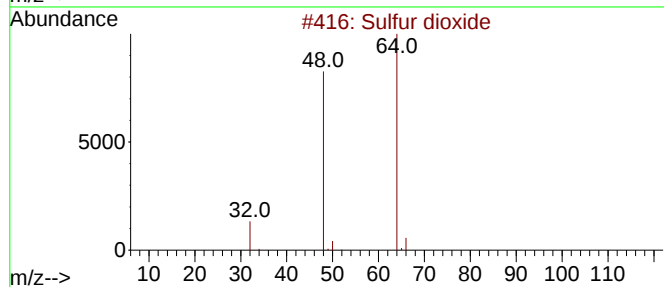
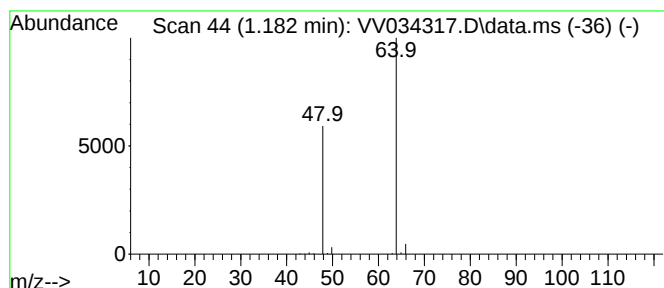
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Quant Title : TRACE VOA SFAM1.0

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.
1.182	3.52 ug/L	114159	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	83
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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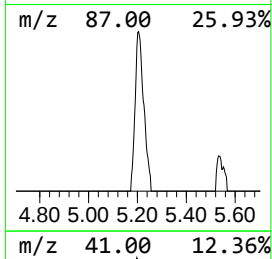
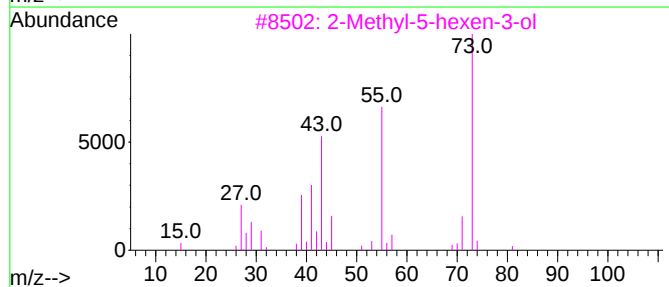
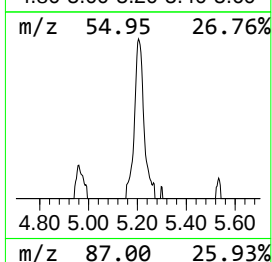
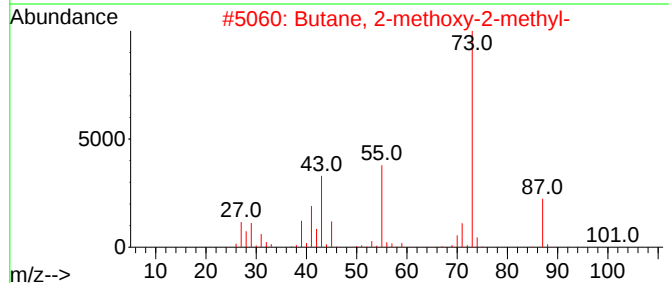
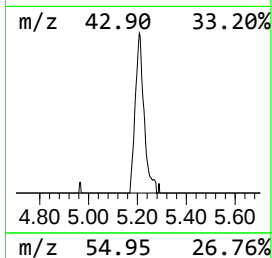
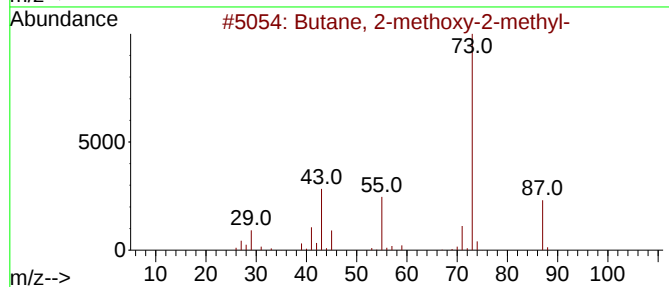
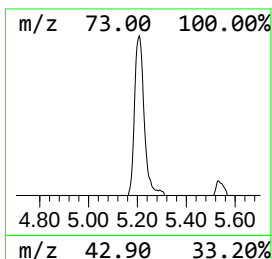
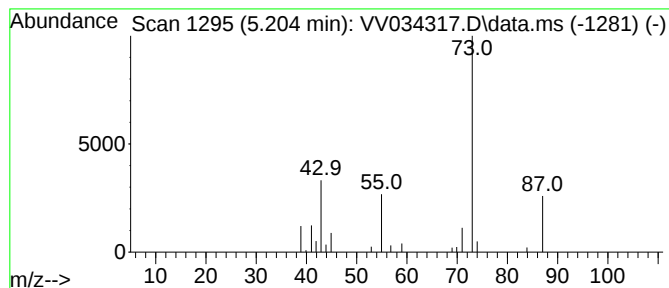
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.204	1.00 ug/L	32280	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	72
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	47
4			Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	7



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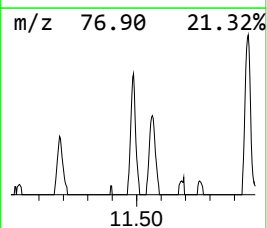
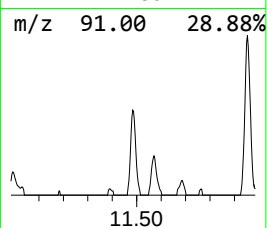
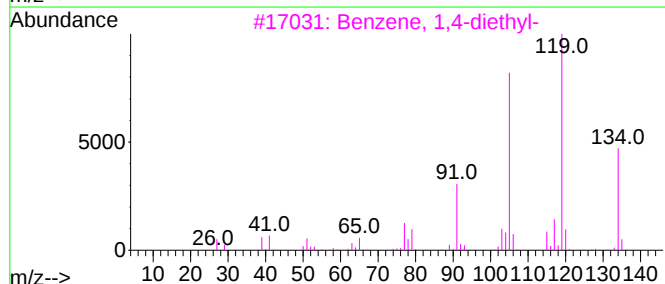
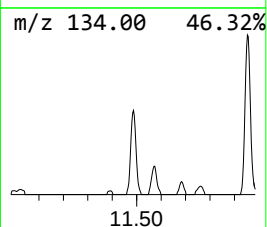
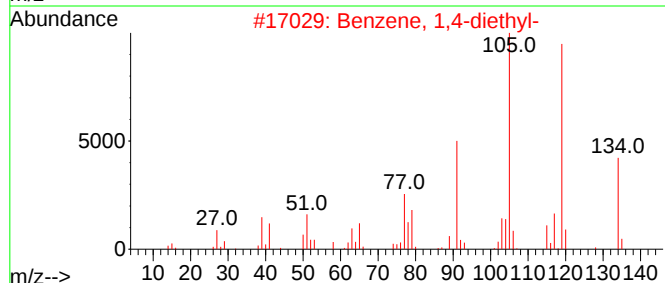
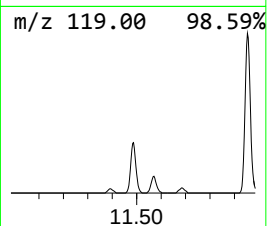
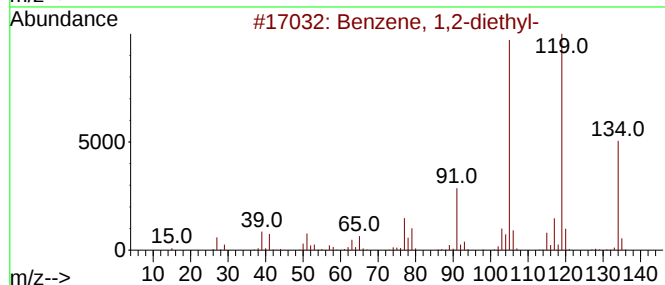
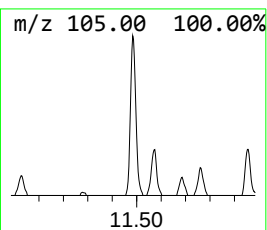
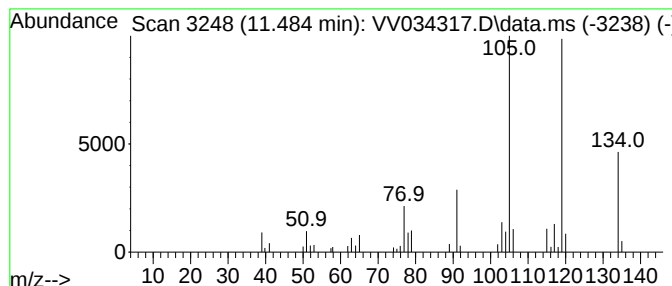
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.484	1.34 ug/L	51428	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	97
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91



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ALS Vial : 14 Sample Multiplier: 1

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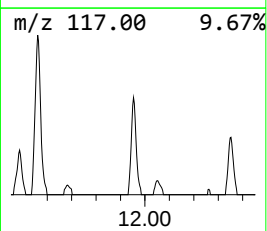
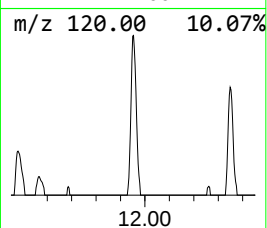
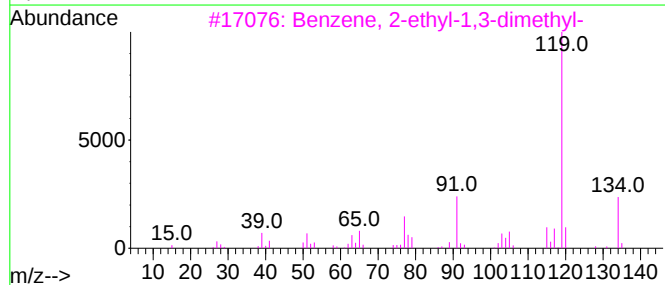
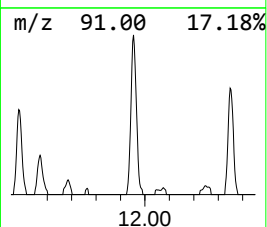
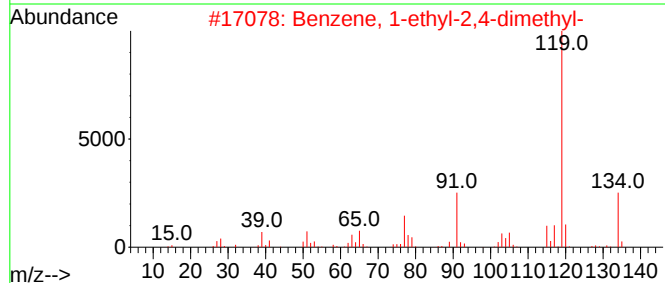
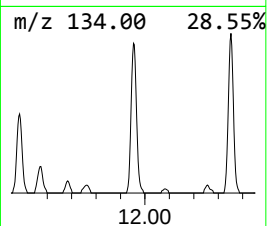
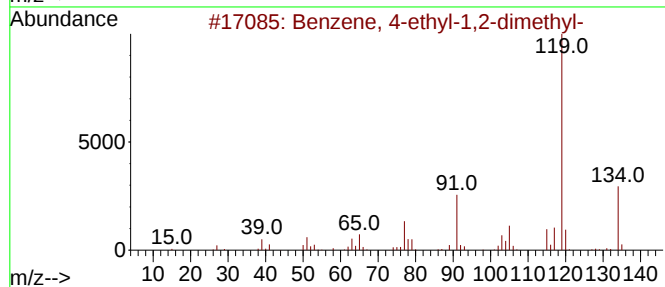
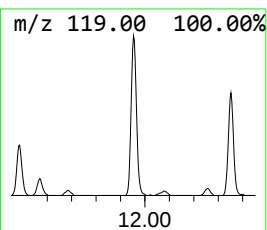
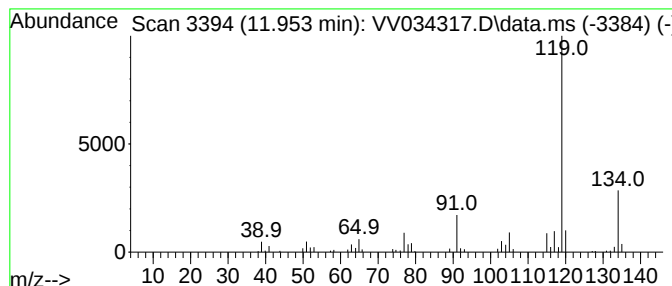
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.953	2.45 ug/L	94170	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			o-Cymene	134	C10H14	000527-84-4	95



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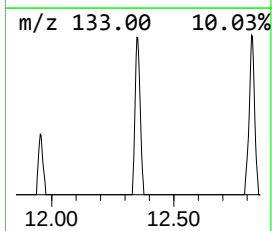
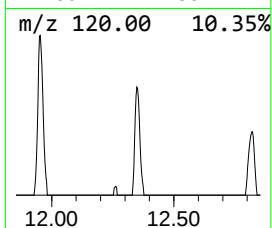
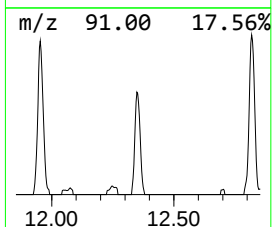
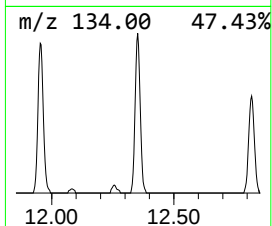
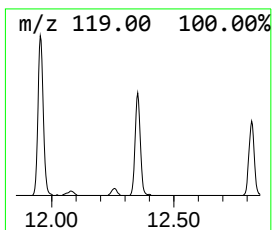
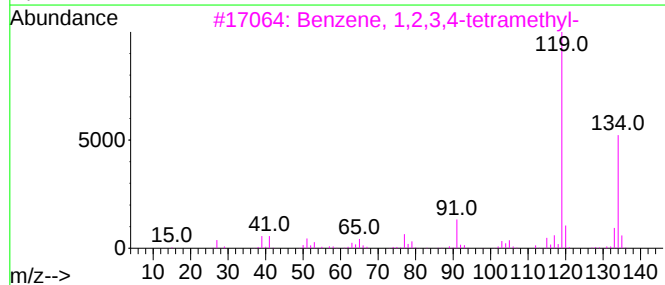
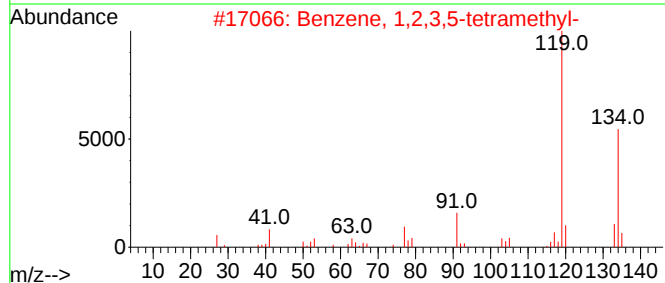
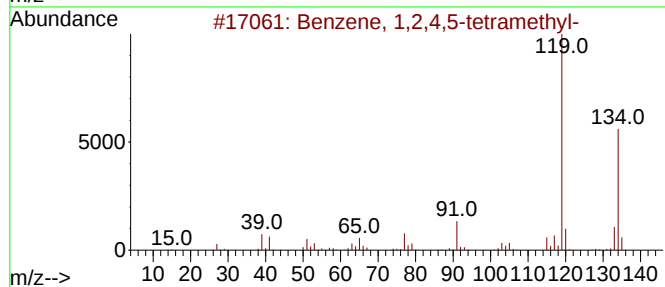
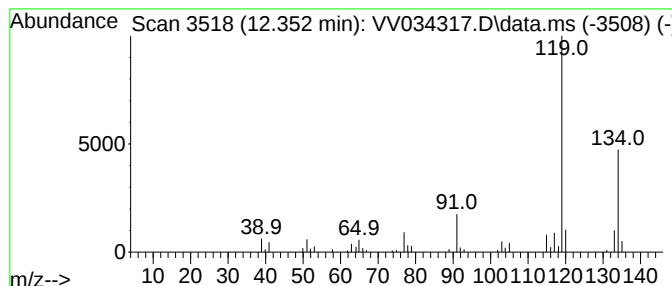
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.352	1.64 ug/L	62893	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	95
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95



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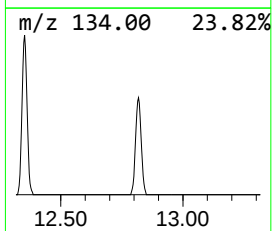
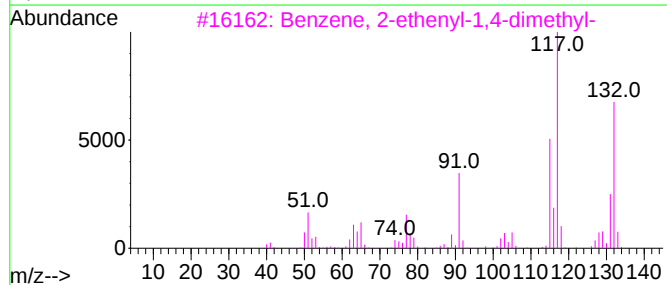
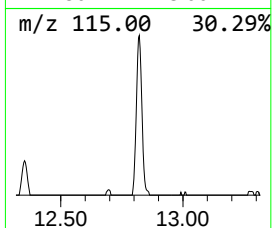
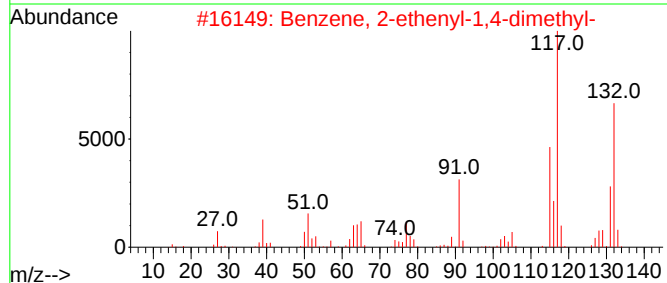
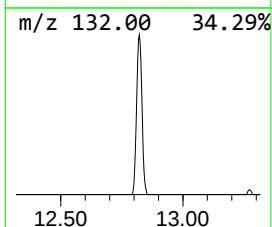
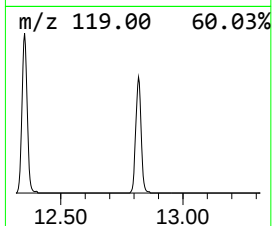
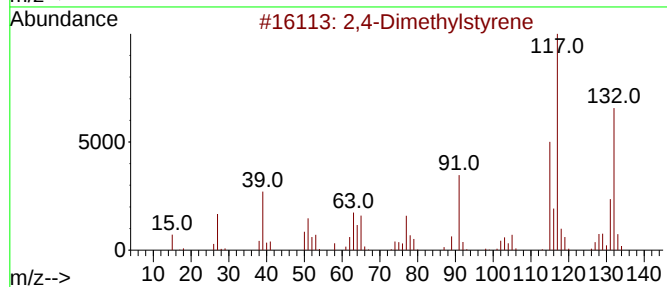
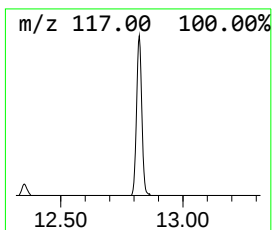
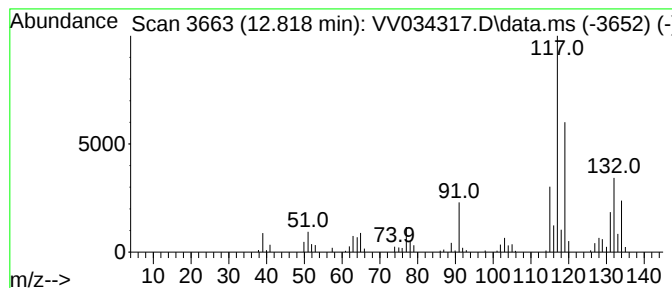
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 2,4-Dimethylstyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.818	3.44 ug/L	132075	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022124\
Data File : VV034317.D
Acq On : 21 Feb 2024 14:18
Operator : SY/MD
Sample : P1503-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCNC0

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	1.182	3.5	ug/L	114159	1	5.535	162036	5.0
Butane, 2-metho...	5.204	1.0	ug/L	32280	1	5.535	162036	5.0
Benzene, 1,2-di...	11.484	1.3	ug/L	51428	3	11.185	192082	5.0
Benzene, 4-ethy...	11.953	2.5	ug/L	94170	3	11.185	192082	5.0
Benzene, 1,2,4,...	12.352	1.6	ug/L	62893	3	11.185	192082	5.0
2,4-Dimethylsty...	12.818	3.4	ug/L	132075	3	11.185	192082	5.0