

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021924\
 Data File : VV034246.D
 Acq On : 19 Feb 2024 16:18
 Operator : SY/MD
 Sample : P1503-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 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: VV034246.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.282	66	75	82	rBV	38255	43028	11.60%	1.477%
2	1.336	82	92	99	rBV	11741	27806	7.50%	0.954%
3	1.536	148	154	168	rVB	32456	39606	10.68%	1.359%
4	1.767	222	226	241	rVB5	6390	9224	2.49%	0.317%
5	2.060	309	317	334	rVB	72965	118159	31.87%	4.055%
6	2.445	426	437	445	rBV9	1650	3855	1.04%	0.132%
7	2.516	451	459	470	rVB3	3805	6762	1.82%	0.232%
8	2.706	503	518	544	rBV	173392	370800	100.00%	12.725%
9	3.214	667	676	688	rBV4	2106	4798	1.29%	0.165%
10	3.671	806	818	833	rBB4	5128	11716	3.16%	0.402%
11	3.822	856	865	889	rBV2	15610	49415	13.33%	1.696%
12	4.252	984	999	1027	rVB2	41501	106467	28.71%	3.654%
13	4.960	1205	1219	1253	rBV2	94584	235861	63.61%	8.094%
14	5.207	1278	1296	1320	rBV2	14468	35117	9.47%	1.205%
15	5.535	1388	1398	1422	rBV	84203	174056	46.94%	5.973%
16	5.992	1526	1540	1572	rBV2	50944	112942	30.46%	3.876%
17	6.918	1819	1828	1856	rBV2	21956	44393	11.97%	1.523%
18	7.246	1919	1930	1953	rBV	113168	205601	55.45%	7.056%
19	7.561	2020	2028	2050	rBV2	11978	23375	6.30%	0.802%
20	8.030	2164	2174	2225	rBV	71033	194452	52.44%	6.673%
21	8.731	2384	2392	2399	rBV4	2638	4393	1.18%	0.151%
22	8.786	2399	2409	2434	rVV	127955	213270	57.52%	7.319%
23	10.156	2824	2835	2855	rBV2	33758	54800	14.78%	1.881%
24	11.185	3146	3155	3180	rBV	135452	212725	57.37%	7.300%
25	11.487	3239	3249	3262	rBV	40031	59923	16.16%	2.056%
26	11.561	3262	3272	3287	rBV	123236	202543	54.62%	6.951%
27	11.686	3302	3311	3320	rBV5	4716	6081	1.64%	0.209%
28	11.757	3327	3333	3346	rVB2	2627	4025	1.09%	0.138%
29	11.956	3383	3395	3416	rBV	74700	110947	29.92%	3.807%
30	12.255	3475	3488	3498	rBV2	2974	4636	1.25%	0.159%
31	12.352	3507	3518	3532	rBV	50450	73871	19.92%	2.535%
32	12.821	3652	3664	3675	rBV2	97967	149399	40.29%	5.127%

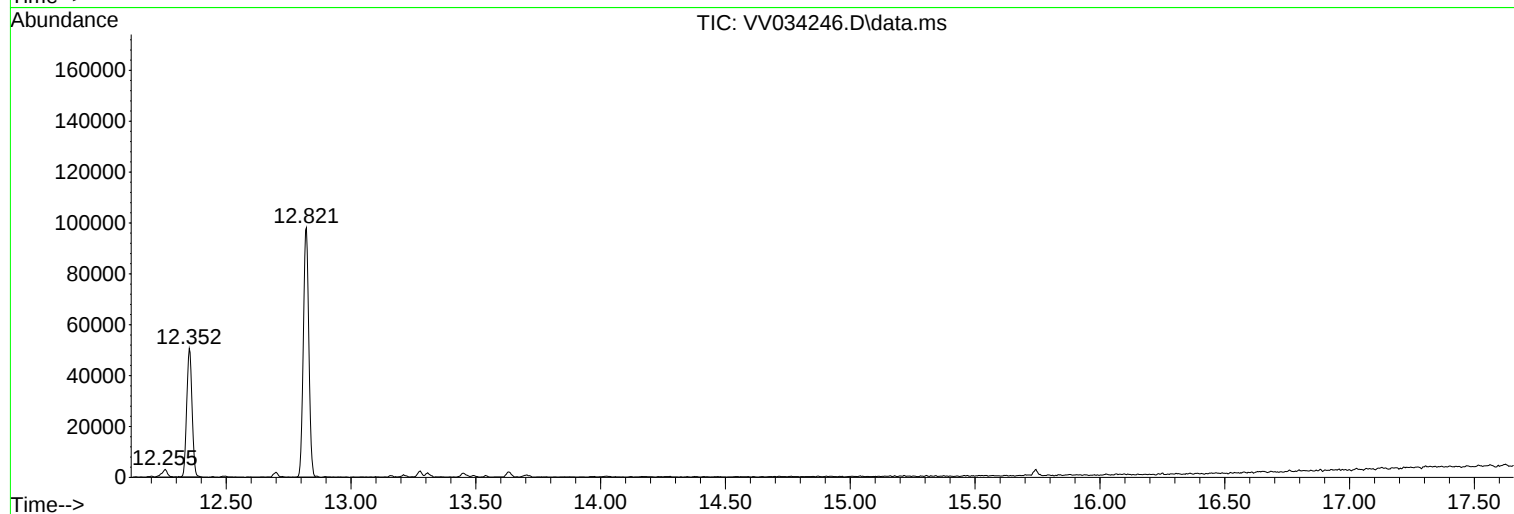
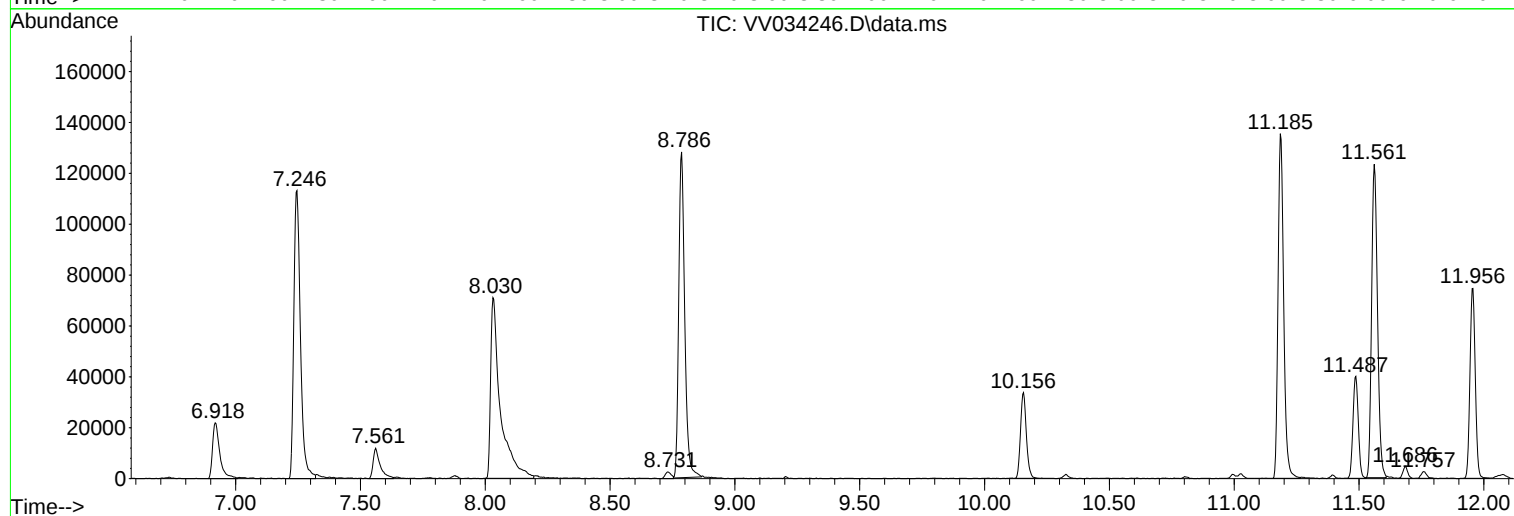
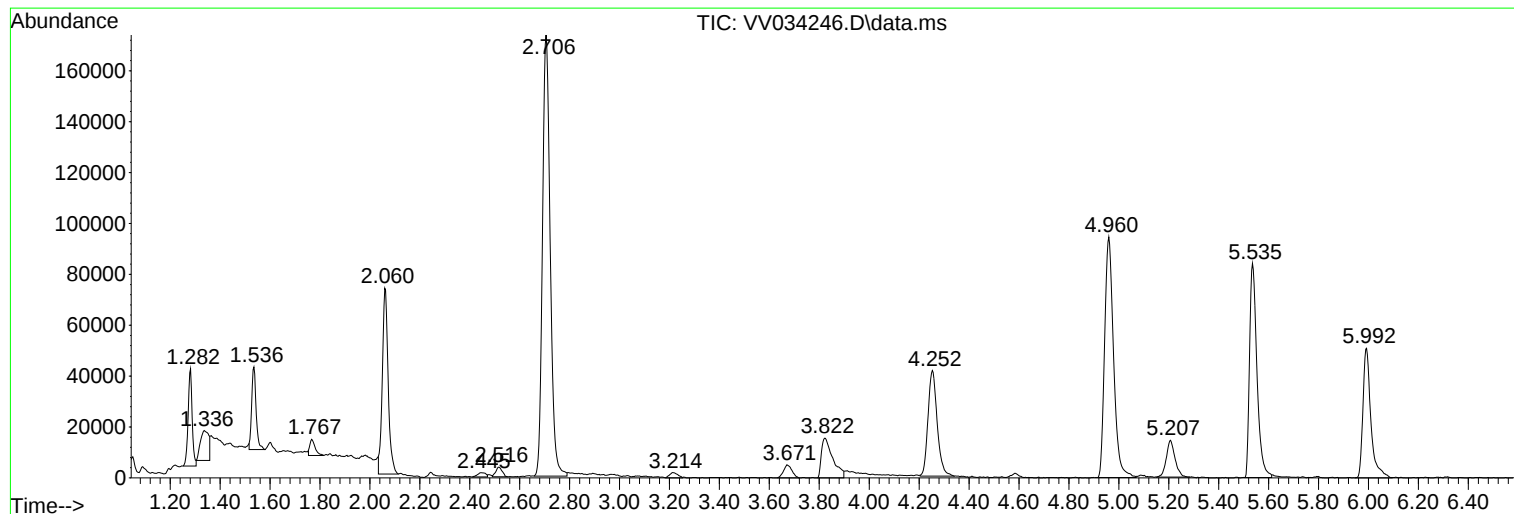
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Quant Title : TRACE VOA SFAM1.0

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



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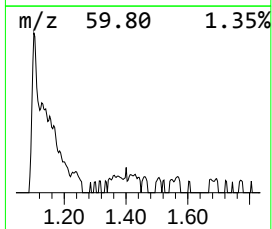
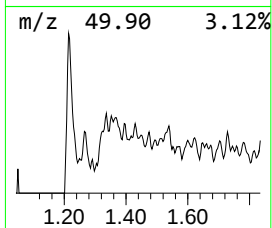
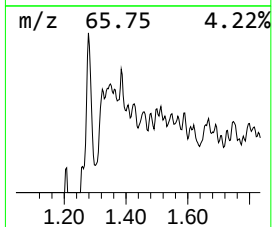
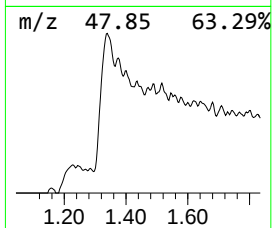
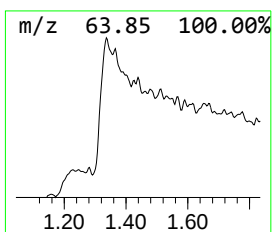
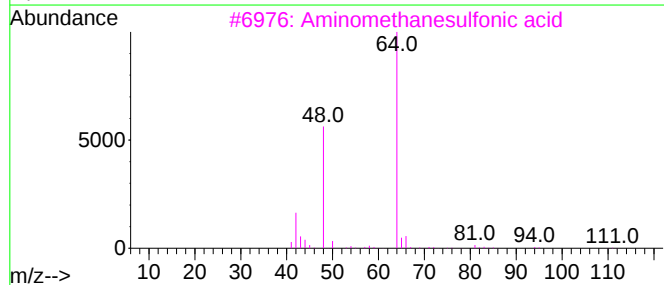
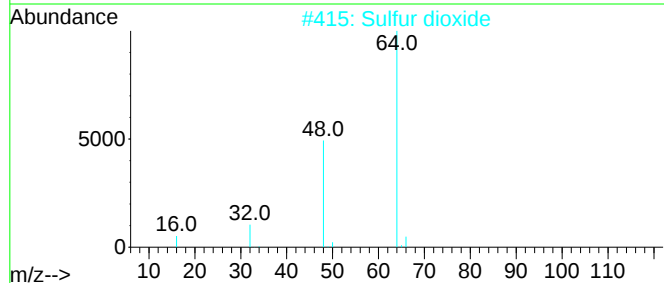
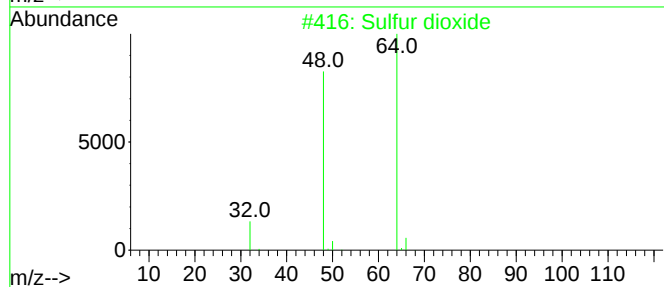
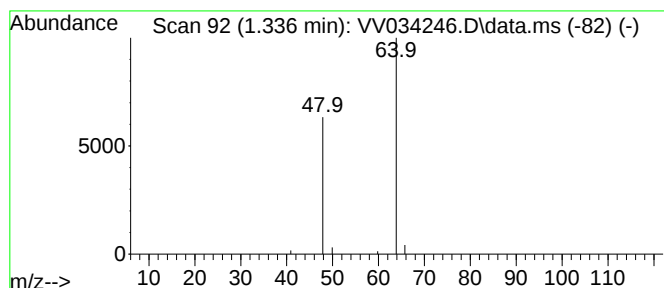
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.336	0.80 ug/L	27806	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	9
4			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	4



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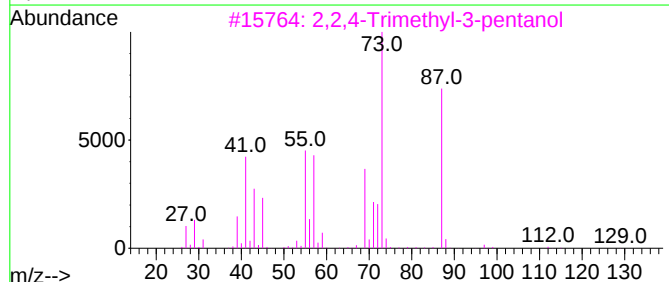
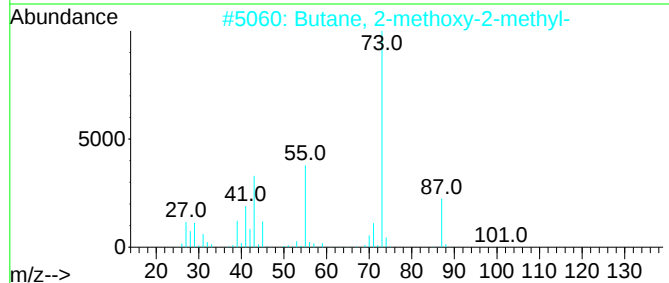
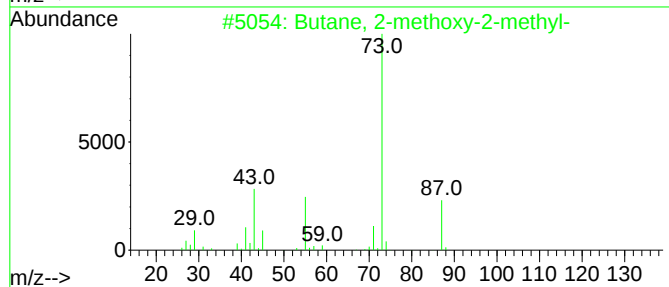
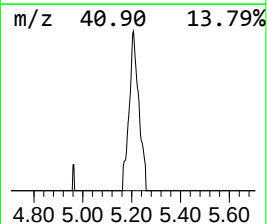
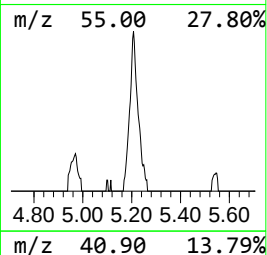
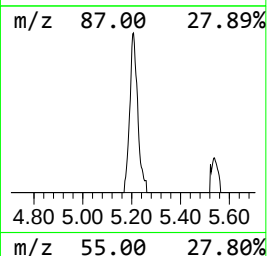
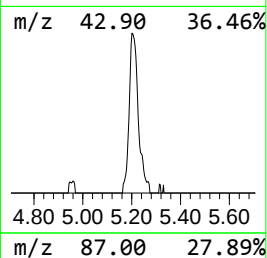
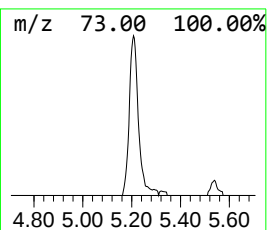
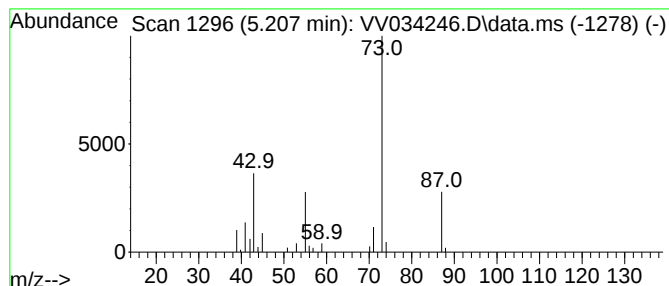
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.207	1.01 ug/L	35117	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	59
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	42
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
5			1,4-Butanediamine	88	C4H12N2	000110-60-1	9



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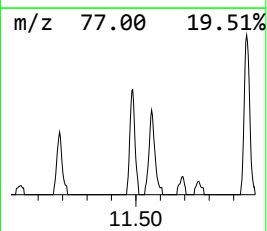
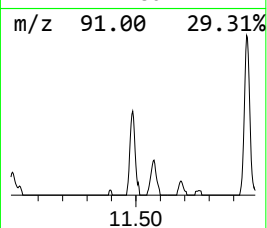
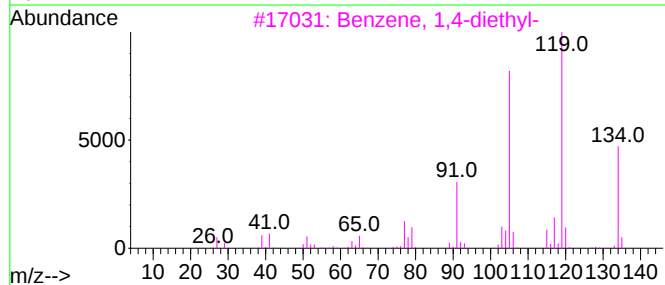
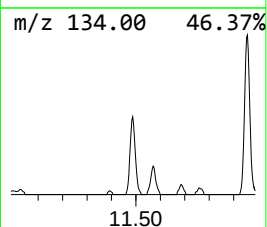
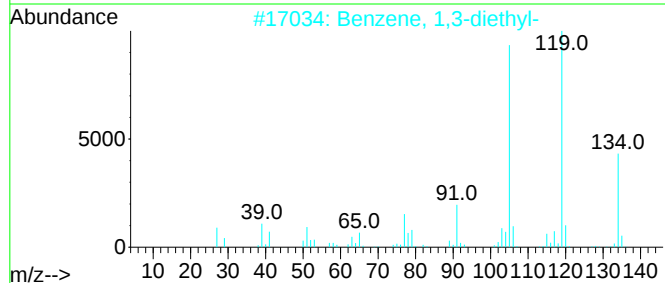
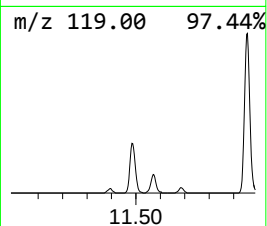
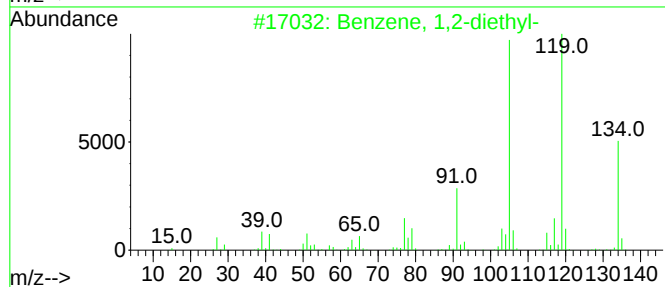
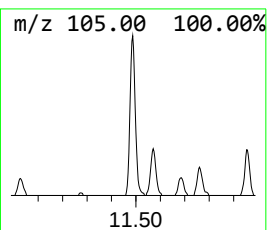
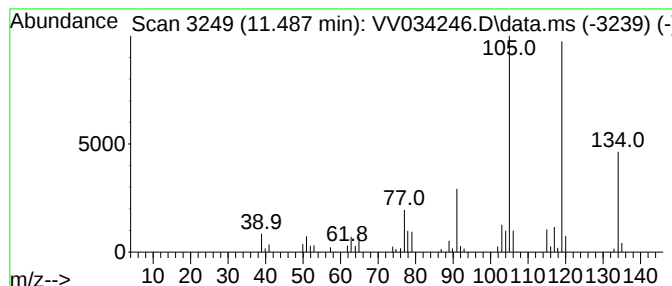
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.487	1.41 ug/L	59923	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	96
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93



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Instrument :
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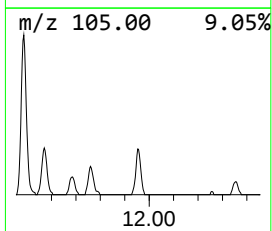
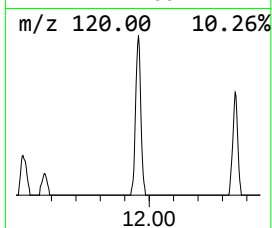
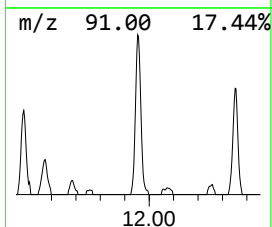
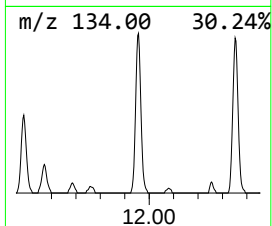
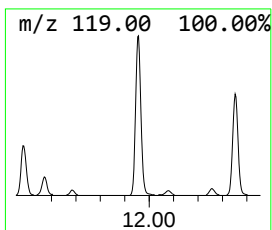
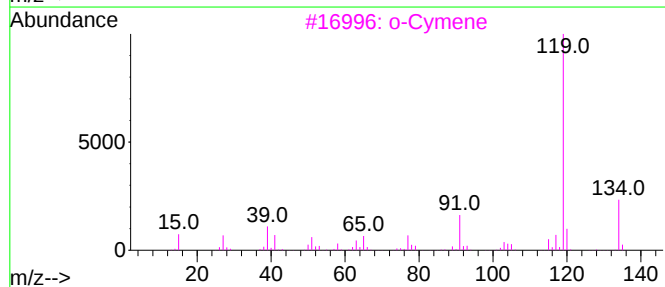
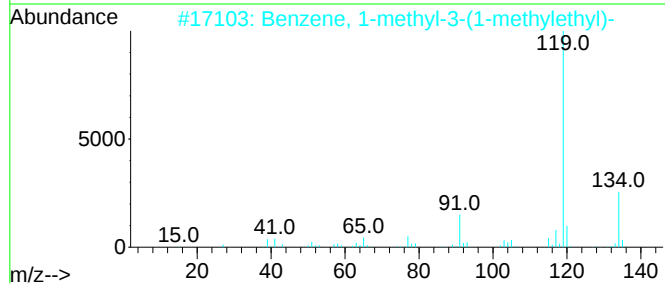
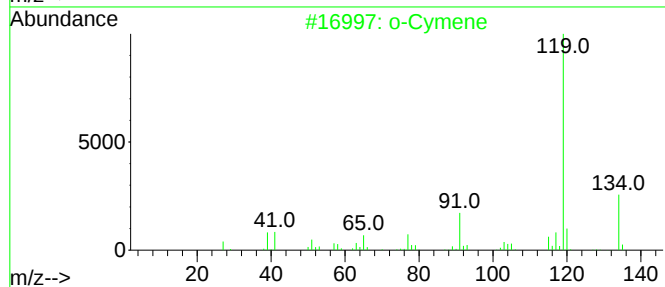
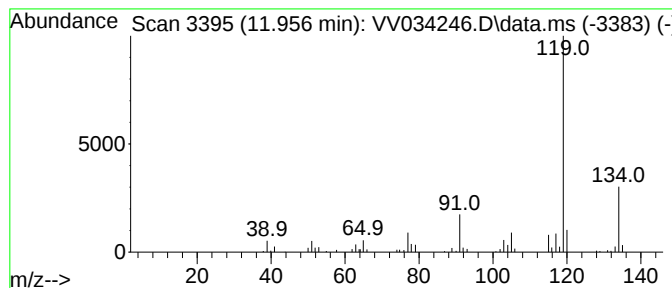
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Peak Number 5 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.956	2.61 ug/L	110947	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			p-Cymene	134	C10H14	000099-87-6	95



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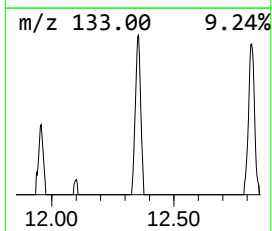
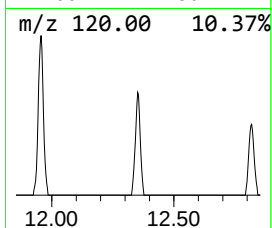
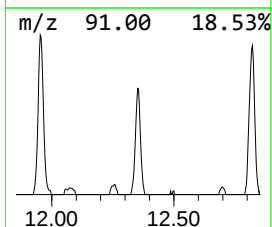
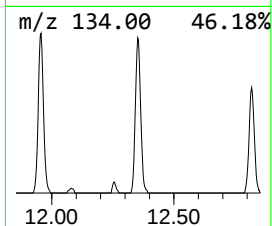
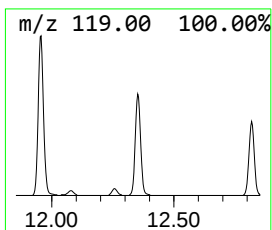
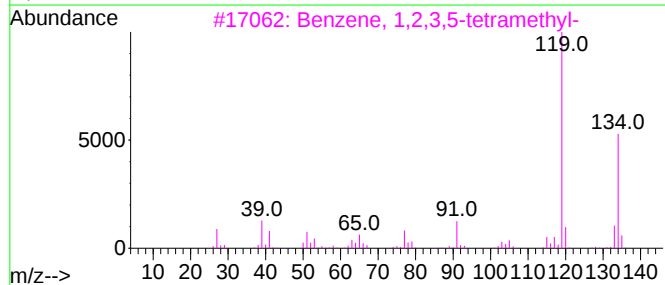
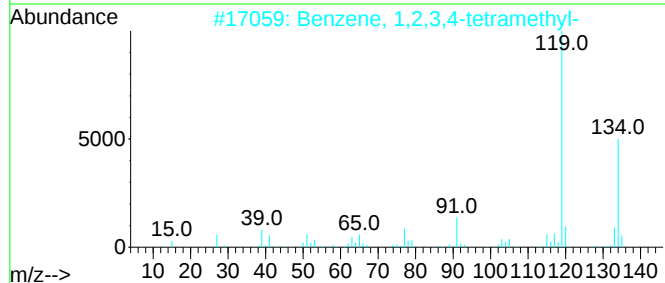
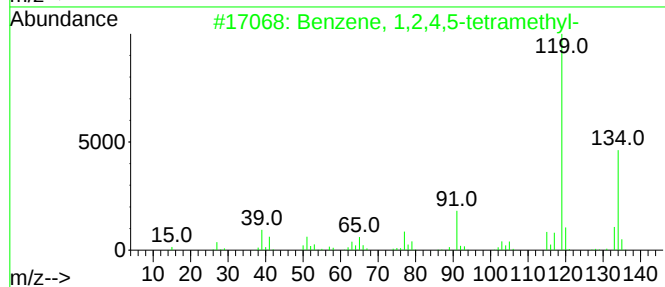
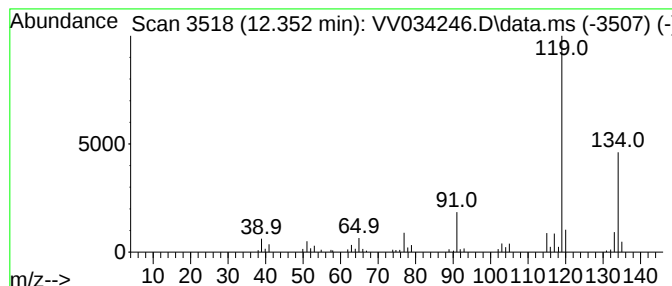
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.352	1.74 ug/L	73871	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95



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ClientSampleId :
DCNC0

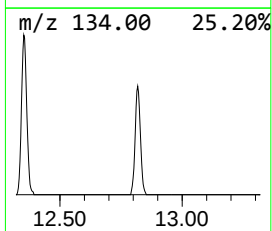
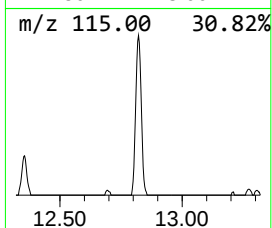
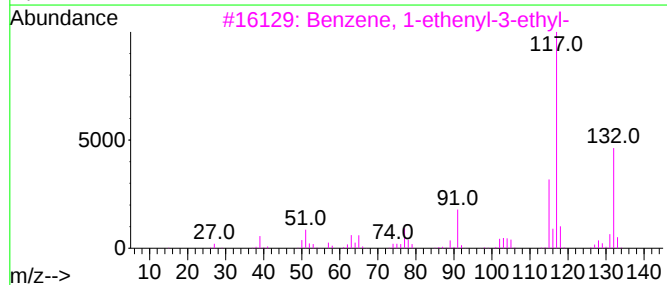
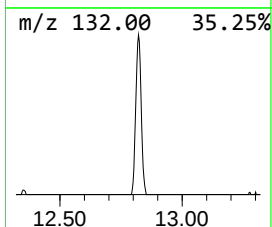
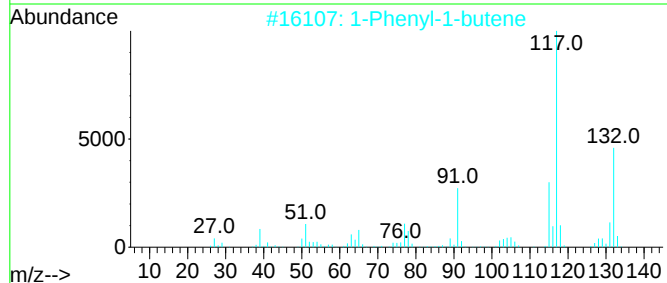
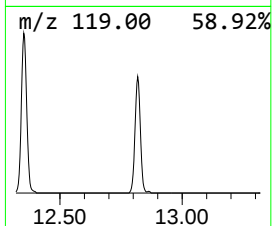
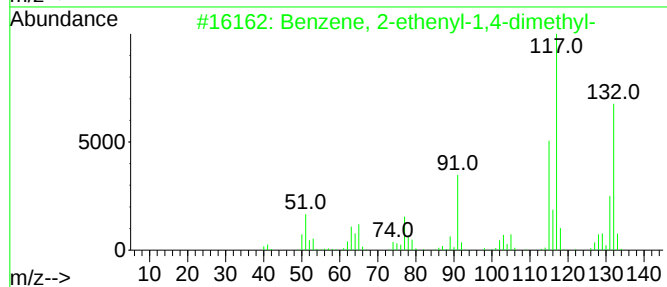
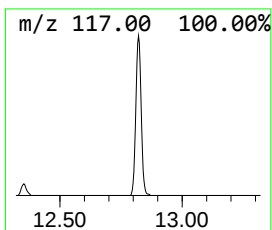
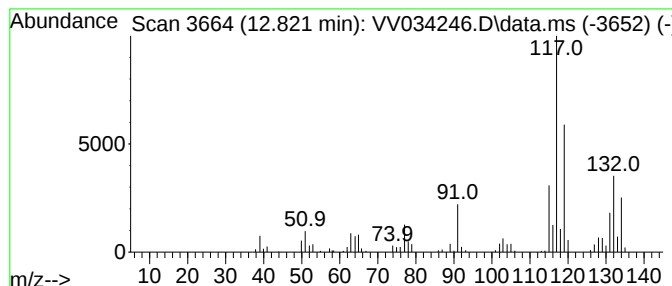
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.821	3.51 ug/L	149399	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
4			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
5			2,4-Dimethylstyrene	132	C10H12	002234-20-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021924\
Data File : VV034246.D
Acq On : 19 Feb 2024 16:18
Operator : SY/MD
Sample : P1503-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 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	1.336	0.8	ug/L	27806	1	5.535	174056	5.0
Butane, 2-metho...	5.207	1.0	ug/L	35117	1	5.535	174056	5.0
Benzene, 1,2-di...	11.487	1.4	ug/L	59923	3	11.185	212725	5.0
o-Cymene	11.956	2.6	ug/L	110947	3	11.185	212725	5.0
Benzene, 1,2,4,...	12.352	1.7	ug/L	73871	3	11.185	212725	5.0
Benzene, 2-ethe...	12.821	3.5	ug/L	149399	3	11.185	212725	5.0