

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011524\
 Data File : VV033647.D
 Acq On : 15 Jan 2024 16:58
 Operator : SY/MD
 Sample : P1131-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAX0

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\SFAMVTR011224WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV033647.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.111	16	22	38	rVB2	34697	37169	2.78%	0.693%
2	1.214	47	54	66	rBV	60607	56994	4.27%	1.063%
3	1.301	71	81	91	rVV3	91180	144024	10.79%	2.685%
4	1.555	147	160	168	rBV	39453	55069	4.13%	1.027%
5	1.616	169	179	192	rBV2	47636	107805	8.08%	2.010%
6	2.072	313	321	342	rVB	66166	105049	7.87%	1.959%
7	2.529	456	463	477	rVB7	13803	32497	2.43%	0.606%
8	2.706	508	518	535	rBV2	22069	44540	3.34%	0.830%
9	3.130	638	650	664	rBV	51936	104403	7.82%	1.946%
10	3.825	851	866	885	rBV	569198	1334951	100.00%	24.888%
11	4.262	990	1002	1020	rVB	53393	128793	9.65%	2.401%
12	4.574	1086	1099	1116	rVB3	8911	22600	1.69%	0.421%
13	4.966	1206	1221	1231	rBV4	137570	314368	23.55%	5.861%
14	5.140	1266	1275	1292	rVB8	8247	22139	1.66%	0.413%
15	5.548	1388	1402	1431	rBV	132564	285625	21.40%	5.325%
16	5.850	1488	1496	1521	rVB9	9469	26468	1.98%	0.493%
17	6.014	1533	1547	1560	rBV2	72362	159331	11.94%	2.971%
18	6.133	1574	1584	1599	rVB8	9029	20102	1.51%	0.375%
19	6.944	1826	1836	1852	rVB	37973	71122	5.33%	1.326%
20	7.108	1872	1887	1902	rBV6	20047	43470	3.26%	0.810%
21	7.265	1924	1936	1954	rBV	146049	257429	19.28%	4.799%
22	7.577	2010	2033	2049	rBV5	23714	58792	4.40%	1.096%
23	8.050	2164	2180	2209	rBV	149251	336258	25.19%	6.269%
24	8.487	2308	2316	2326	rVB2	13034	21267	1.59%	0.396%
25	8.796	2402	2412	2417	rBV	203220	328516	24.61%	6.125%
26	9.738	2694	2705	2717	rVV	5773	15550	1.16%	0.290%
27	9.876	2737	2748	2759	rBV2	8542	16583	1.24%	0.309%
28	10.159	2825	2836	2851	rVB	49198	85269	6.39%	1.590%
29	10.805	3022	3037	3045	rBV6	7210	14316	1.07%	0.267%
30	11.037	3102	3109	3127	rVB6	10499	27775	2.08%	0.518%
31	11.127	3130	3137	3146	rVV3	13585	23388	1.75%	0.436%
32	11.188	3147	3156	3180	rVB2	210439	395028	29.59%	7.365%
33	11.339	3186	3203	3212	rBV7	10007	21819	1.63%	0.407%
34	11.577	3262	3277	3290	rBV3	261645	599248	44.89%	11.172%
35	13.201	3775	3782	3790	rBV4	10663	16518	1.24%	0.308%
36	13.628	3907	3915	3924	rBV8	8576	15016	1.12%	0.280%

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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_V\Method\SFAMVTR011224WMA.M
Title : TRACE VOA SFAM1.0

37	14.914	4307	4315	4323	rBV3	10015	14437	1.08%	0.269%
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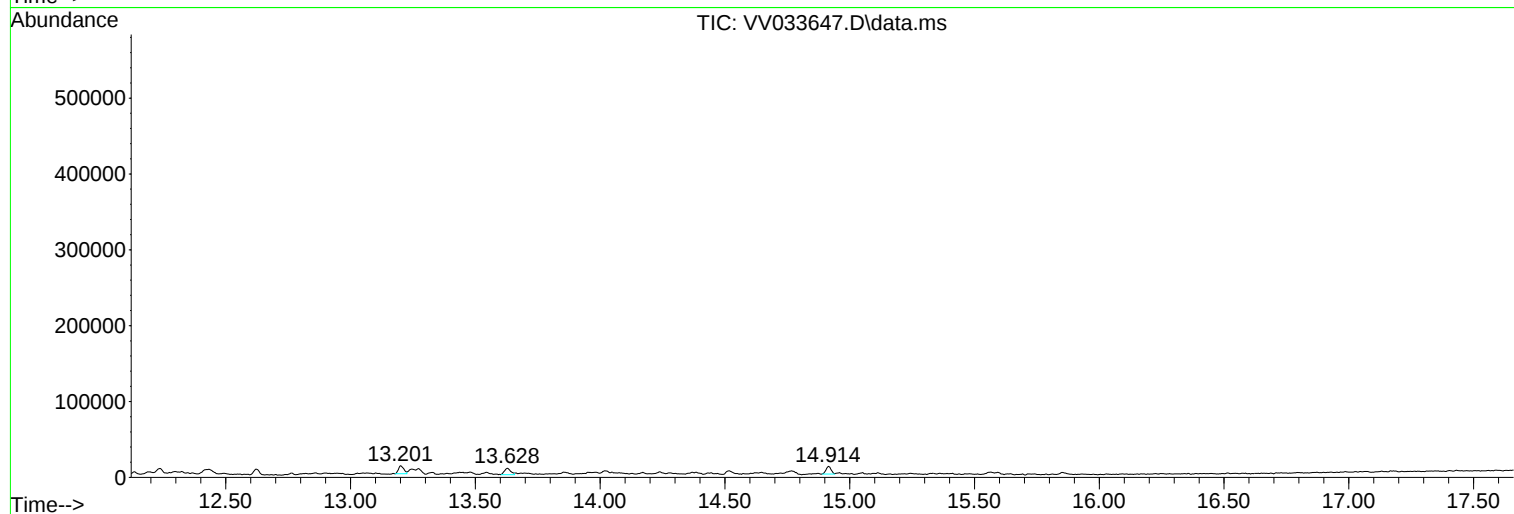
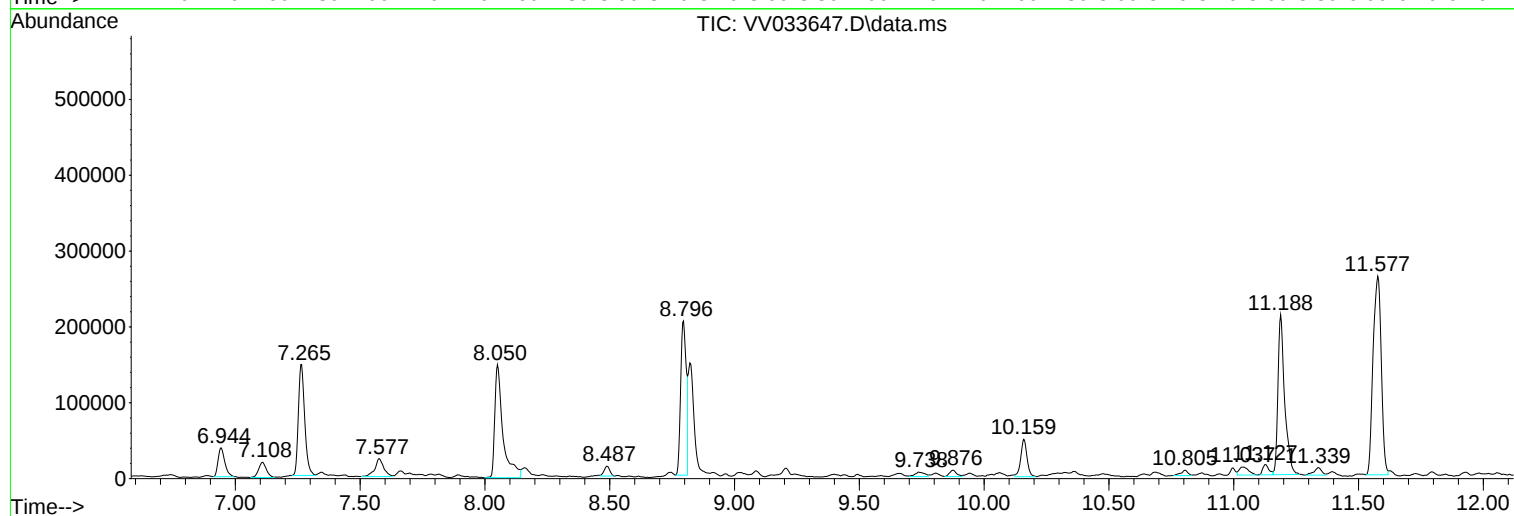
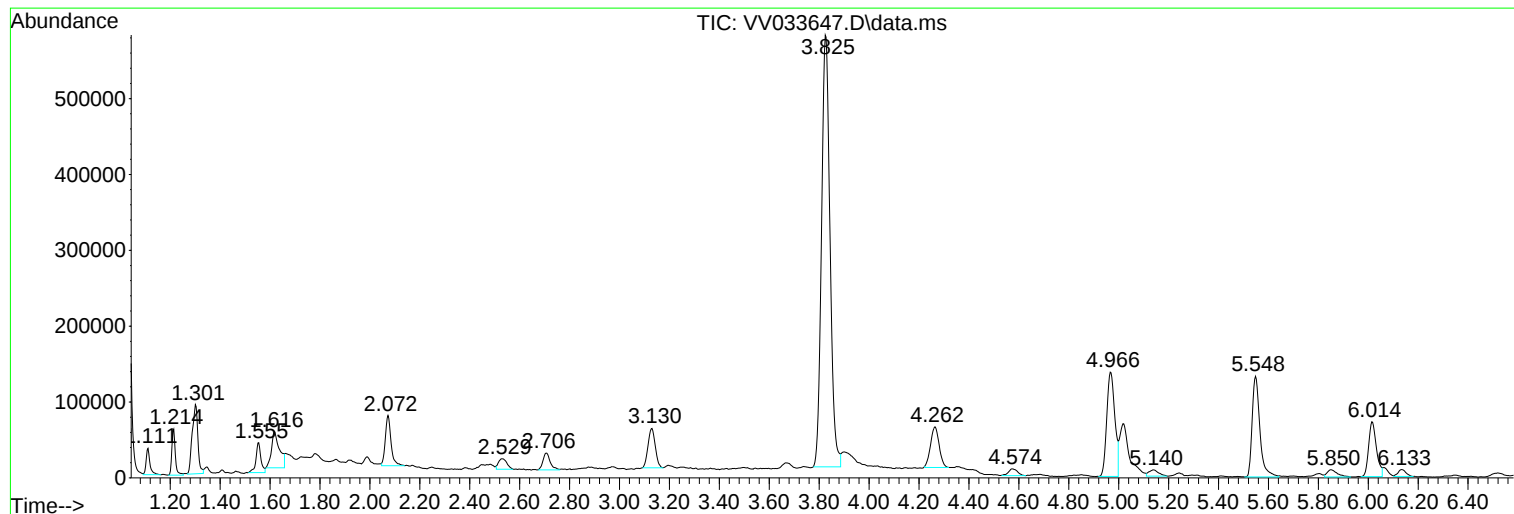
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C0AX0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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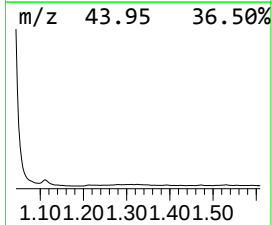
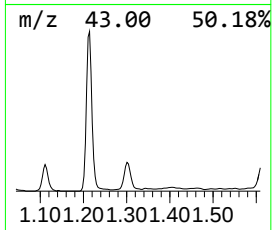
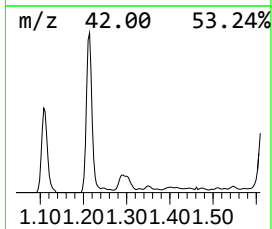
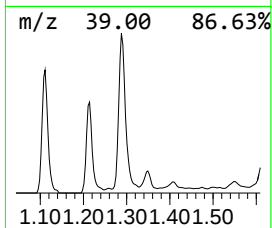
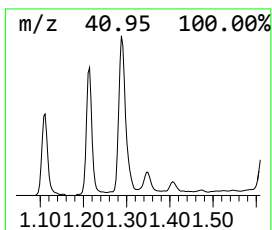
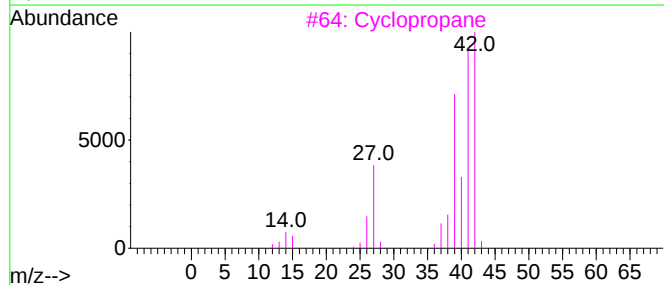
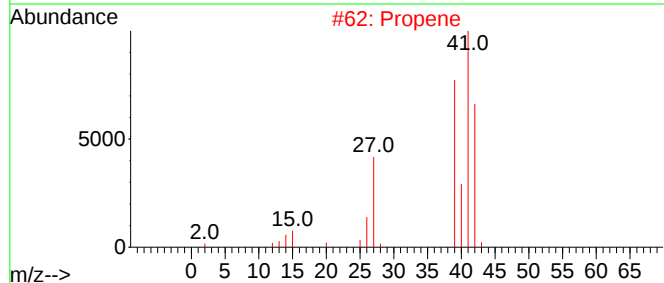
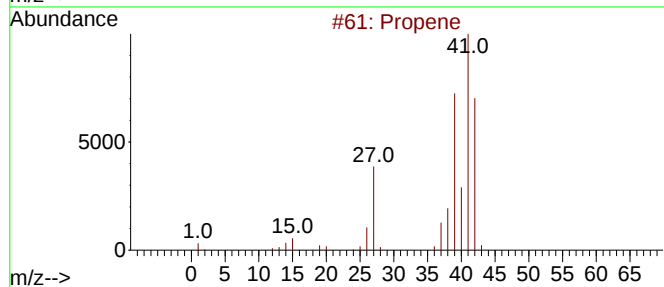
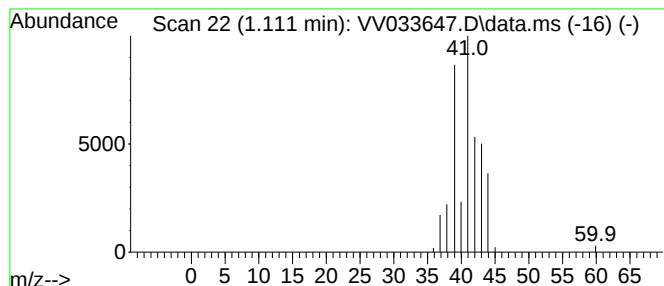
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.111	0.65 ug/L	37169	1,4-Difluorobenzene	5.548

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propene	42	C3H6	000115-07-1	83
2		Propene	42	C3H6	000115-07-1	42
3		Cyclopropane	42	C3H6	000075-19-4	9
4		Cyclopropene	40	C3H4	002781-85-3	5
5		Cyclopropane	42	C3H6	000075-19-4	4



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Instrument :
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ClientSampleId :
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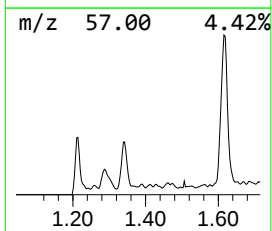
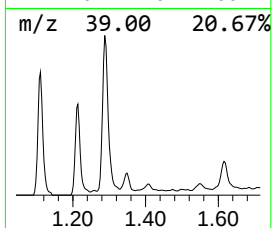
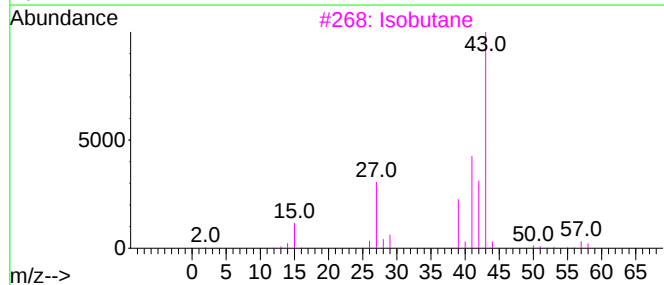
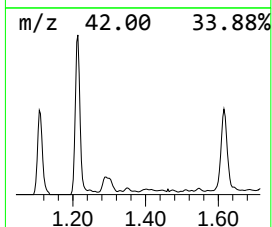
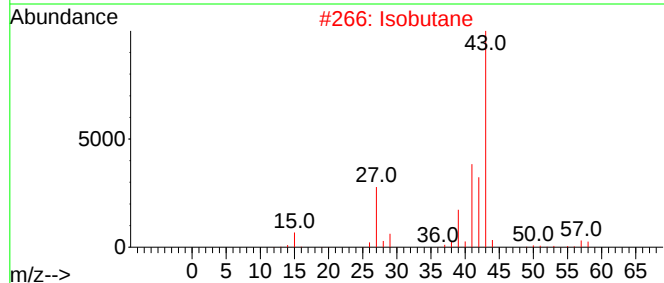
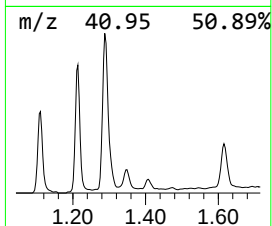
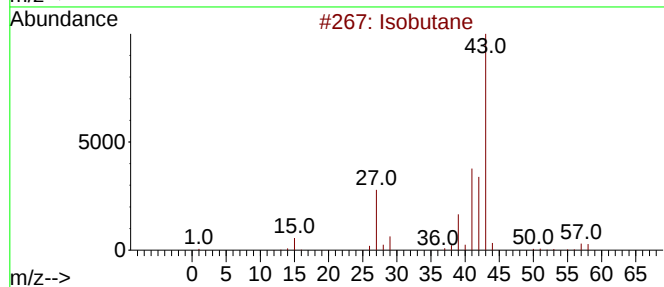
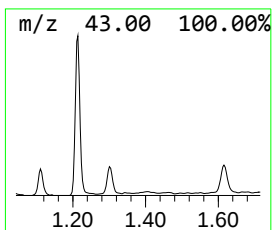
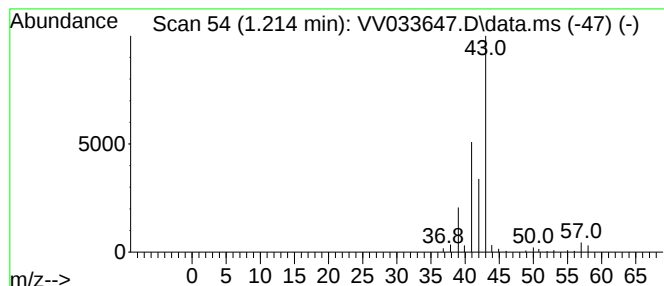
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.214	1.00 ug/L	56994	1,4-Difluorobenzene	5.548

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isobutane	58	C4H10	000075-28-5	72
2		Isobutane	58	C4H10	000075-28-5	72
3		Isobutane	58	C4H10	000075-28-5	64
4		Isobutane	58	C4H10	000075-28-5	59
5		Isobutane	58	C4H10	000075-28-5	53



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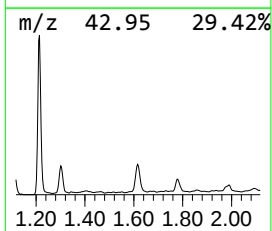
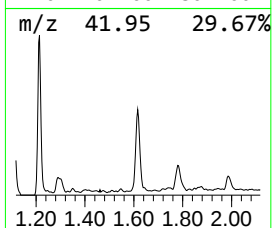
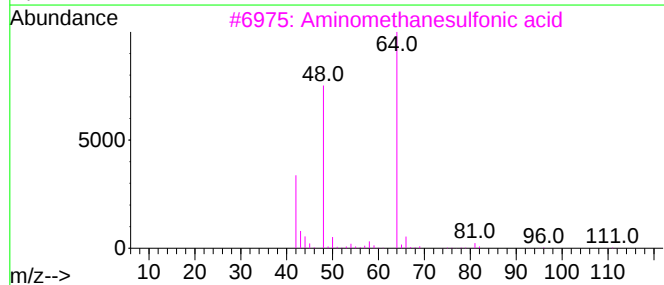
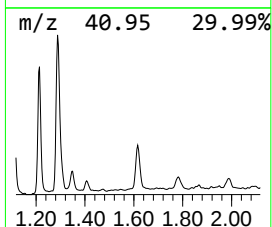
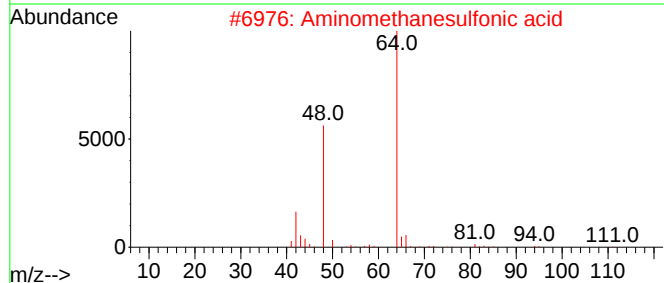
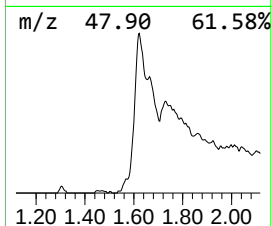
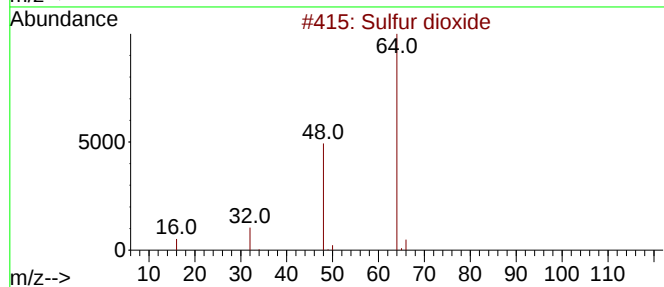
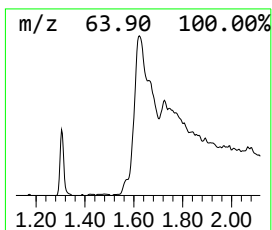
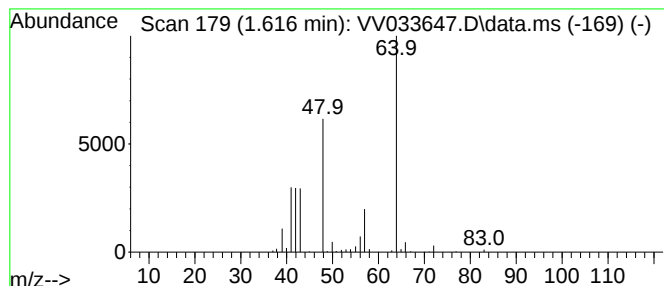
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.616	1.89 ug/L	107805	1,4-Difluorobenzene	5.548

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	86
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4			Ethyl Chloride	64	C2H5Cl	000075-00-3	4
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4



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Instrument :
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ClientSampleId :
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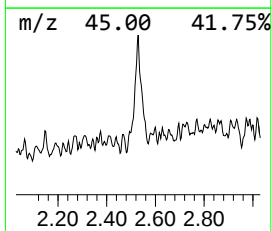
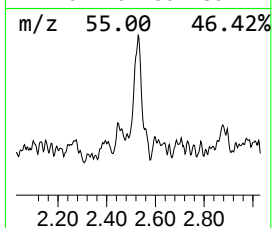
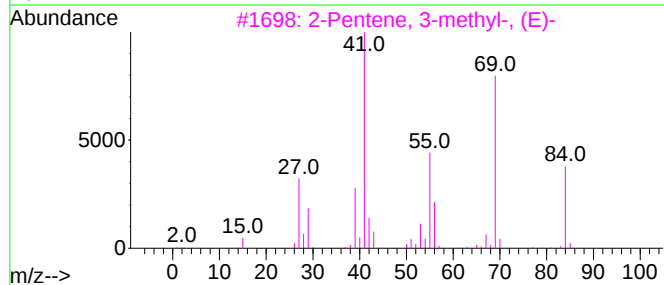
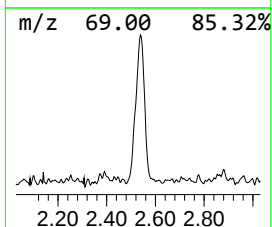
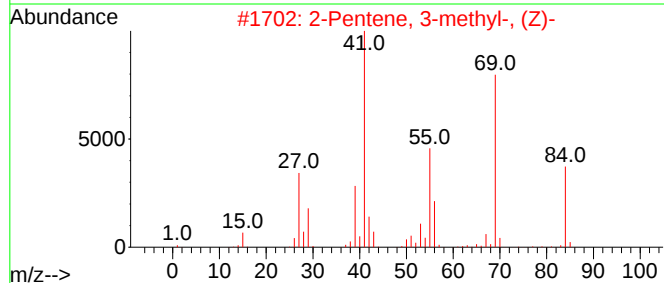
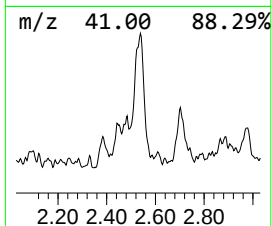
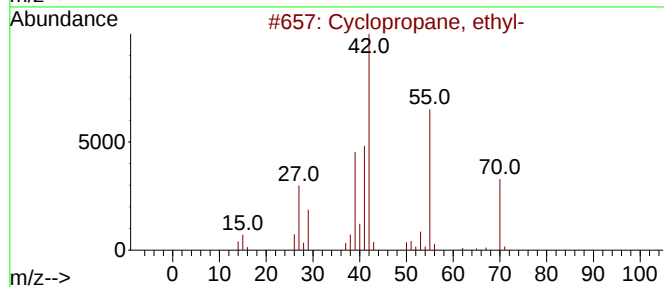
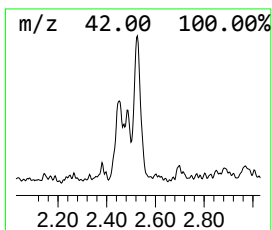
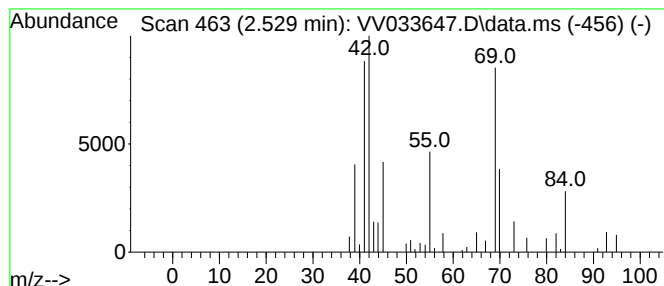
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Cyclic2.529 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.529	0.57 ug/L	32497	1,4-Difluorobenzene	5.548

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, ethyl-	70	C5H10	001191-96-4	35
2			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	25
3			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	22
4			Cyclopentane	70	C5H10	000287-92-3	22
5			Cyclopropane, ethyl-	70	C5H10	001191-96-4	22



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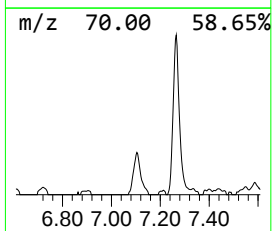
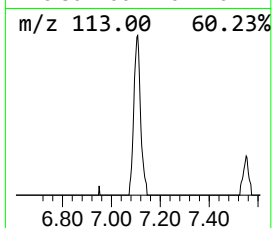
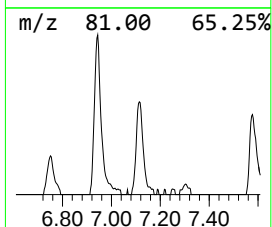
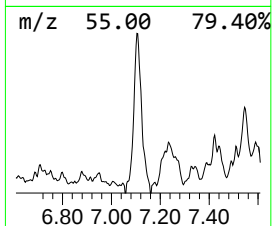
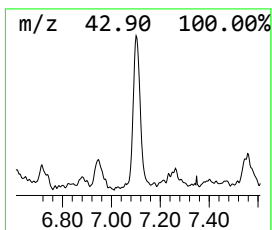
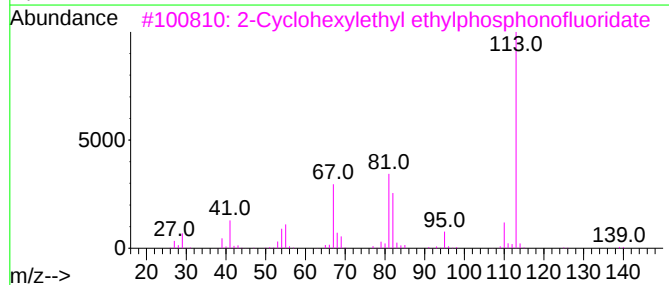
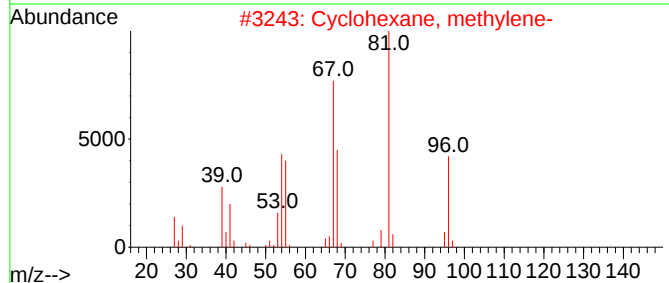
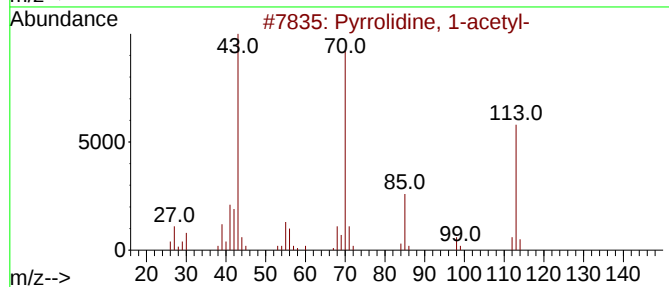
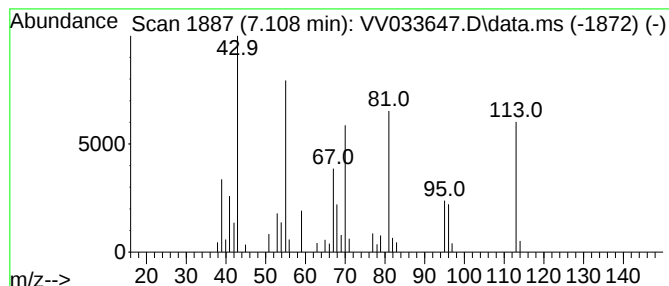
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.108	0.76 ug/L	43470	1,4-Difluorobenzene	5.548

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrrolidine, 1-acetyl-	113	C6H11NO	004030-18-6	27
2			Cyclohexane, methylene-	96	C7H12	001192-37-6	27
3			2-Cyclohexylethyl ethylphosphono...	222	C10H20F02P	1000298-47-5	27
4			Pyrrolidine, 1-acetyl-	113	C6H11NO	004030-18-6	27
5			3-Hepten-1-ol, (E)-	114	C7H14O	002108-05-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011524\
Data File : VV033647.D
Acq On : 15 Jan 2024 16:58
Operator : SY/MD
Sample : P1131-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.111	0.7	ug/L	37169	1	5.548	285625	5.0
(DEL) Alkane: S...	1.214	1.0	ug/L	56994	1	5.548	285625	5.0
Sulfur dioxide	1.616	1.9	ug/L	107805	1	5.548	285625	5.0
(DEL) Alkane: C...	2.529	0.6	ug/L	32497	1	5.548	285625	5.0
unknown-01	7.108	0.8	ug/L	43470	1	5.548	285625	5.0