

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
 Data File : VV032257.D
 Acq On : 05 Oct 2023 15:45
 Operator : SY/MD
 Sample : 04748-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX860

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\SFAMVTR092923WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV032257.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	9	14	32	rVB	140780	145546	36.22%	4.621%
2	1.191	41	47	60	rVB	95203	84261	20.97%	2.675%
3	1.278	66	74	84	rBV	135112	144423	35.94%	4.585%
4	1.532	146	153	165	rVB	39560	47642	11.86%	1.513%
5	1.596	165	173	184	rBV	54475	69228	17.23%	2.198%
6	1.767	218	226	239	rVB	34063	45931	11.43%	1.458%
7	2.059	307	317	331	rBV	65454	98976	24.63%	3.142%
8	2.471	425	445	453	rBV4	7747	19004	4.73%	0.603%
9	2.516	454	459	469	rVB3	3985	6651	1.66%	0.211%
10	2.696	504	515	529	rBV3	5223	10426	2.59%	0.331%
11	2.973	589	601	617	rBV3	5428	11907	2.96%	0.378%
12	3.674	804	819	837	rBV3	6854	17007	4.23%	0.540%
13	3.799	848	858	900	rBV	51326	160640	39.98%	5.100%
14	4.256	985	1000	1030	rBV	47449	129707	32.28%	4.118%
15	4.587	1087	1103	1120	rVB6	6487	18071	4.50%	0.574%
16	4.963	1205	1220	1255	rBV2	113084	319413	79.49%	10.141%
17	5.243	1297	1307	1321	rVB7	2533	5573	1.39%	0.177%
18	5.538	1385	1399	1419	rBV	74883	160326	39.90%	5.090%
19	5.834	1481	1491	1506	rBV3	2316	5033	1.25%	0.160%
20	5.995	1528	1541	1553	rBV	65807	138991	34.59%	4.413%
21	6.921	1816	1829	1854	rBV2	28093	58175	14.48%	1.847%
22	7.249	1920	1931	1946	rBV	121125	217834	54.21%	6.916%
23	7.326	1946	1955	1969	rVB	25277	47176	11.74%	1.498%
24	7.561	2019	2028	2047	rBV2	17426	36164	9.00%	1.148%
25	8.030	2163	2174	2210	rBV	202298	401817	100.00%	12.758%
26	8.789	2400	2410	2433	rBV	121417	208352	51.85%	6.615%
27	8.956	2454	2462	2480	rVB	6462	10960	2.73%	0.348%
28	9.082	2490	2501	2513	rBV	11186	18946	4.72%	0.602%
29	9.490	2619	2628	2638	rBV3	5078	7952	1.98%	0.252%
30	10.159	2825	2836	2852	rBV	58897	96132	23.92%	3.052%
31	10.860	3046	3054	3067	rVB3	3622	5392	1.34%	0.171%
32	11.188	3147	3156	3178	rBV	123419	197800	49.23%	6.280%
33	11.564	3262	3273	3295	rVB	128275	204144	50.81%	6.482%

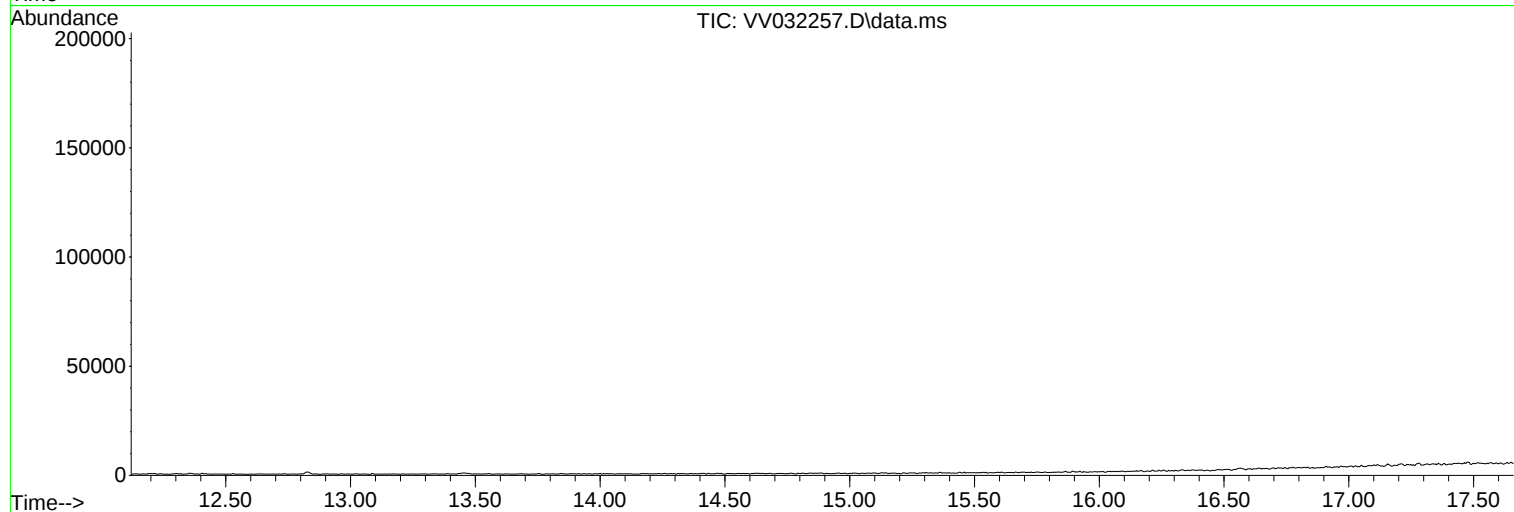
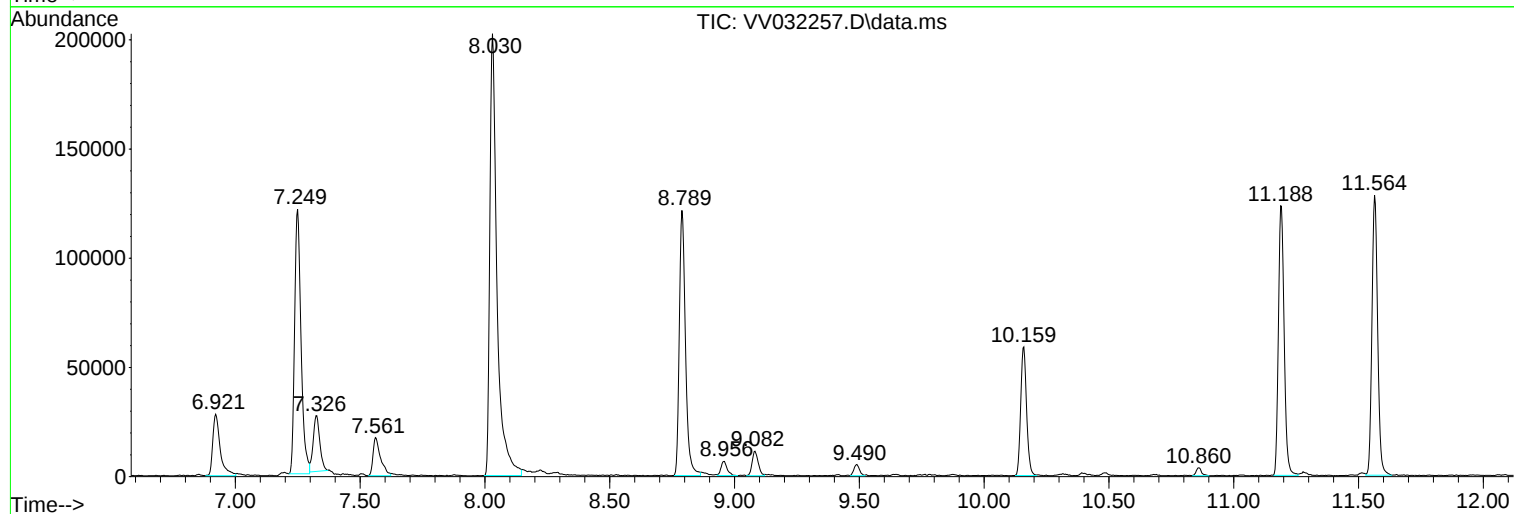
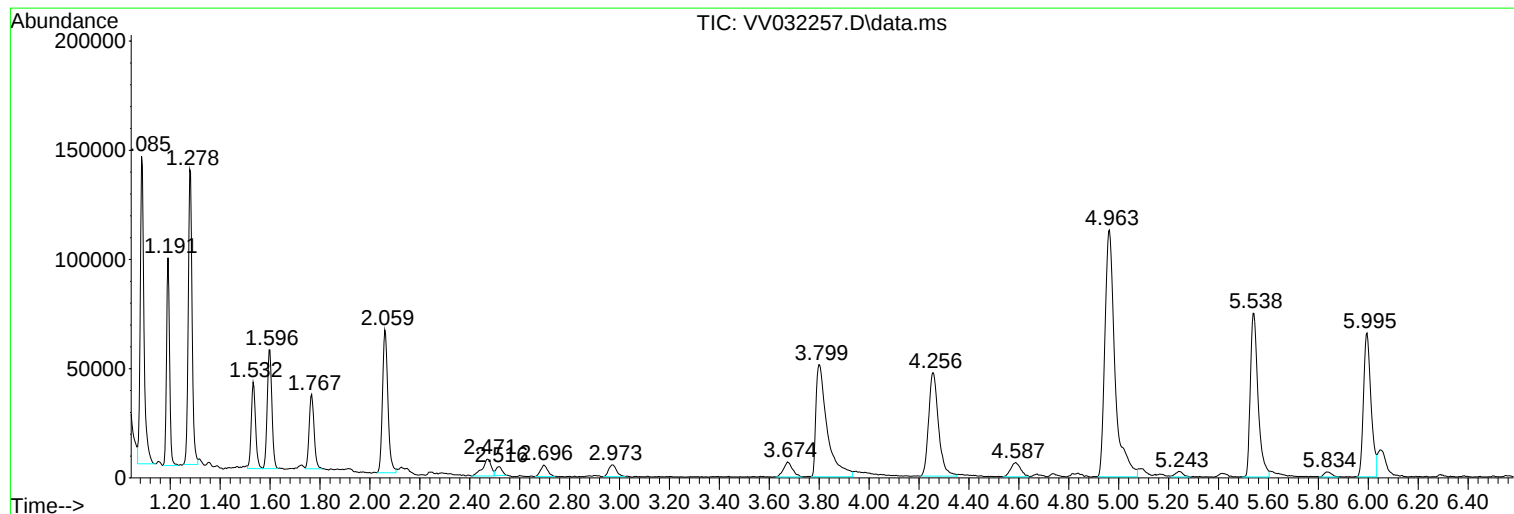
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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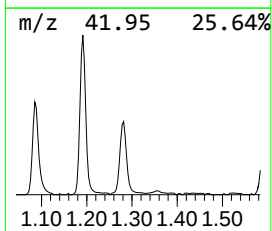
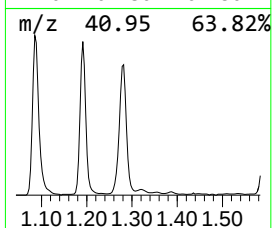
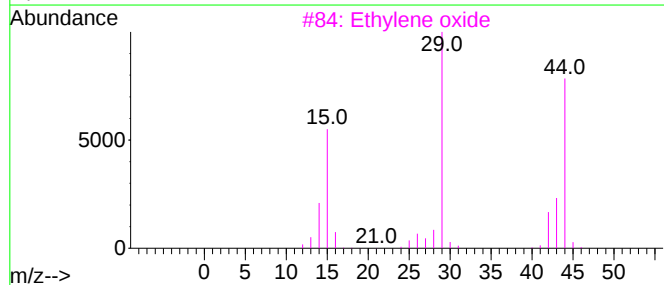
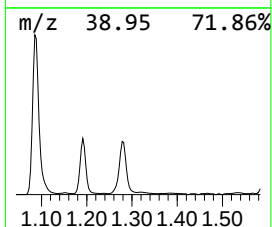
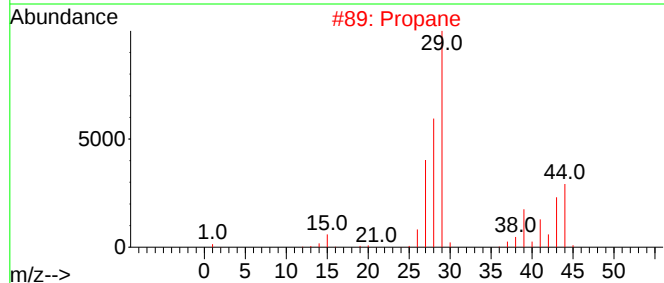
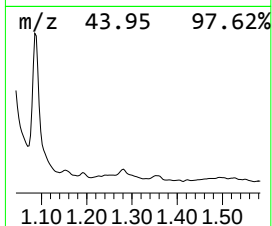
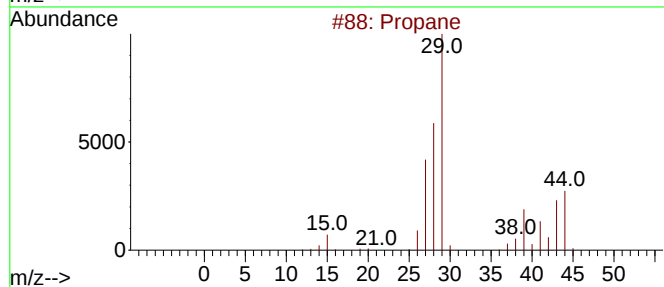
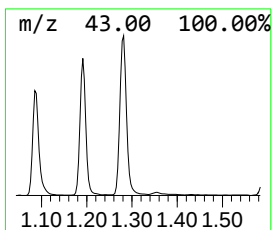
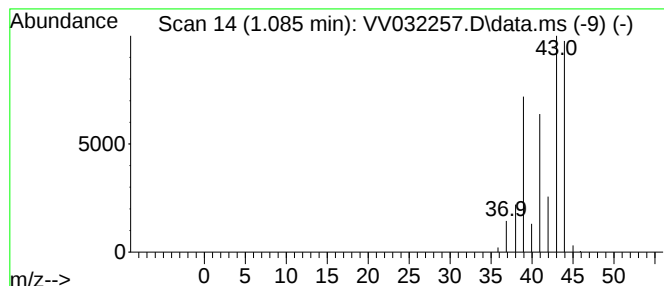
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.085	4.54 ug/L	145546	1,4-Difluorobenzene	5.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane	44	C3H8	000074-98-6	90
2			Propane	44	C3H8	000074-98-6	83
3			Ethylene oxide	44	C2H4O	000075-21-8	9
4			Propane	44	C3H8	000074-98-6	9
5			Propene	42	C3H6	000115-07-1	9



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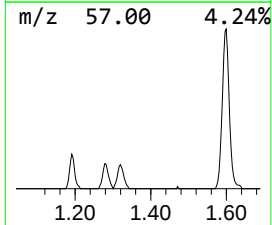
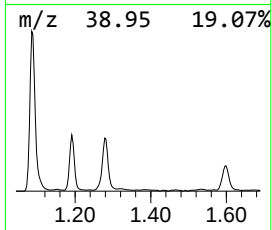
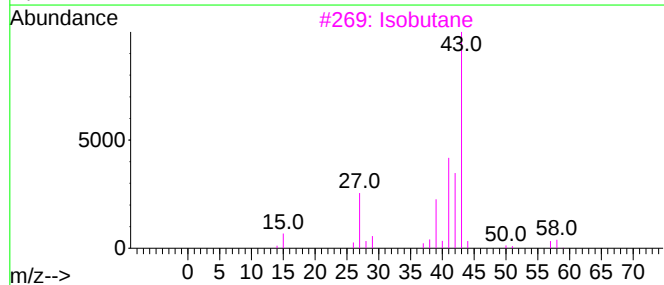
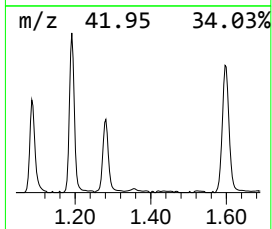
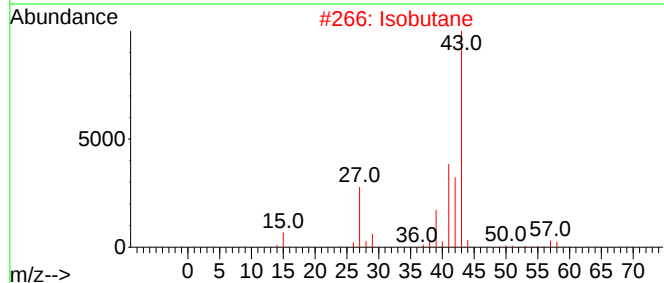
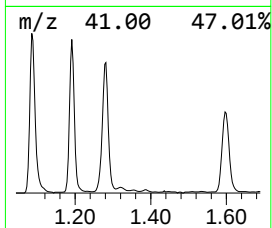
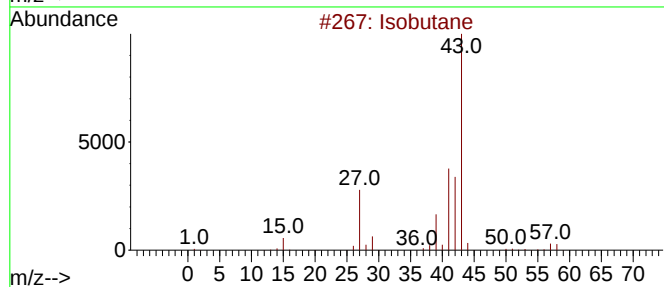
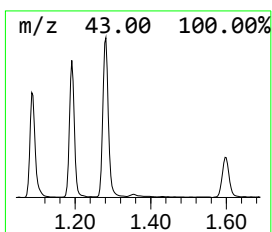
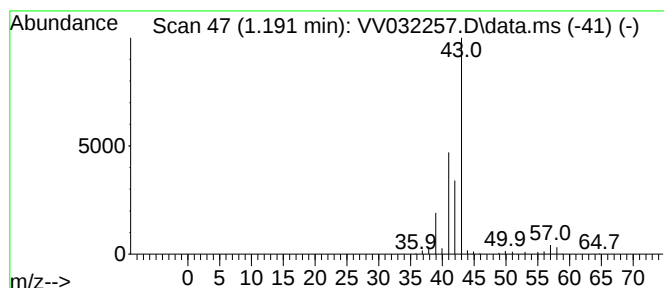
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.191	2.63 ug/L	84261	1,4-Difluorobenzene	5.542

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	56
5		Isobutane	58	C4H10	000075-28-5	45



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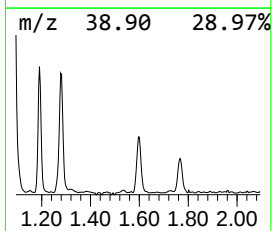
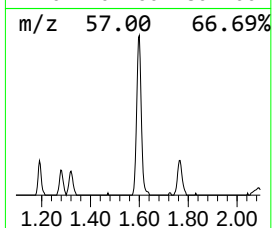
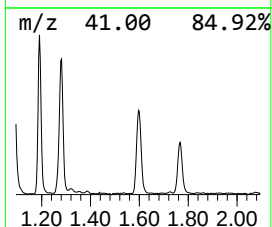
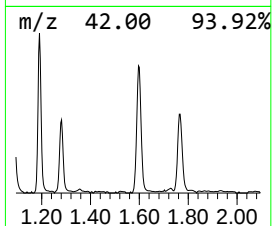
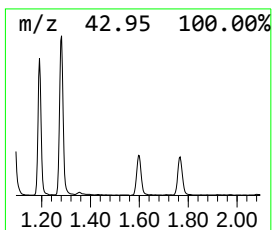
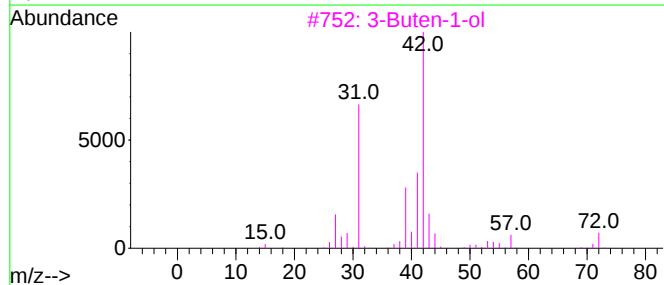
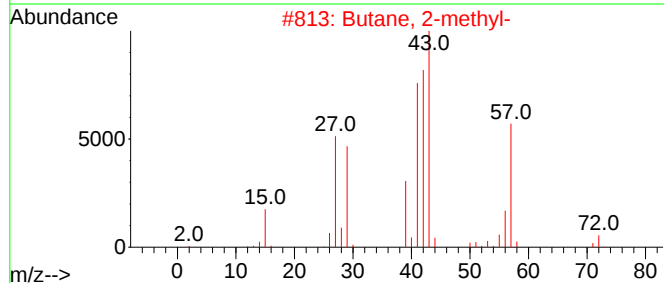
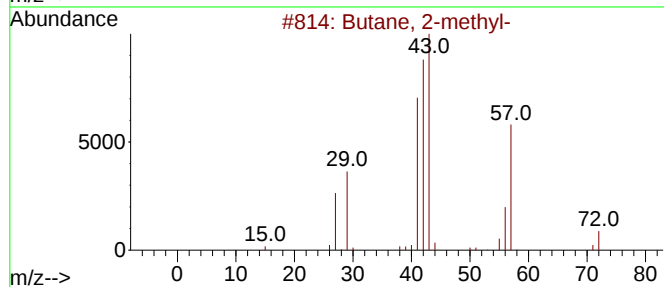
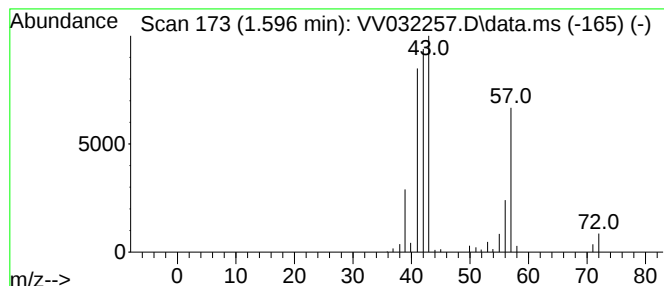
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.596	2.16 ug/L	69228	1,4-Difluorobenzene	5.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	90
2	Butane, 2-methyl-			72	C5H12	000078-78-4	90
3	3-Buten-1-ol			72	C4H8O	000627-27-0	50
4	Pentane			72	C5H12	000109-66-0	45
5	Isobutylene epoxide			72	C4H8O	000558-30-5	40



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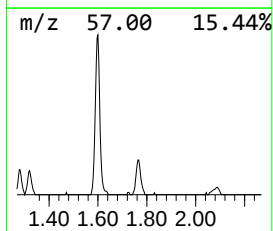
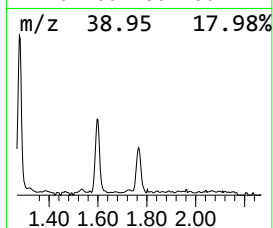
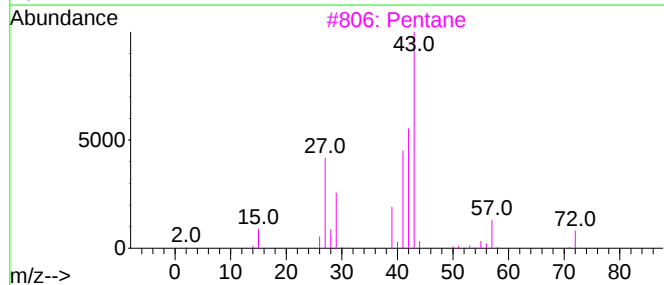
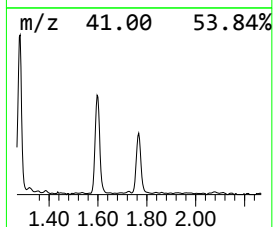
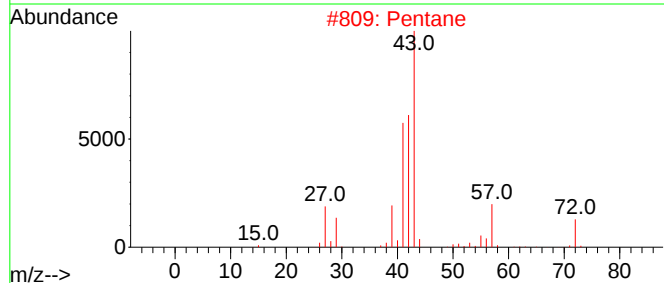
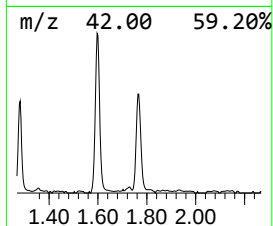
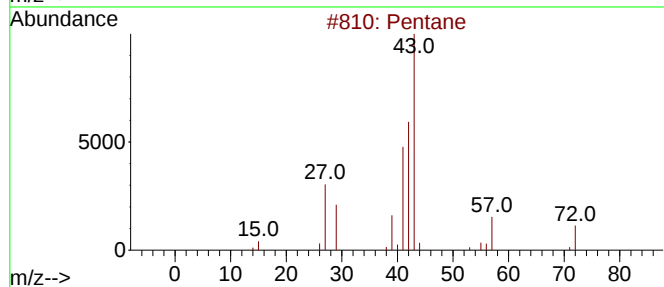
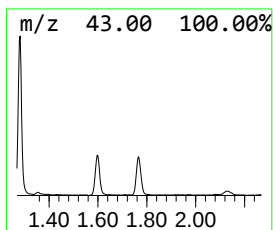
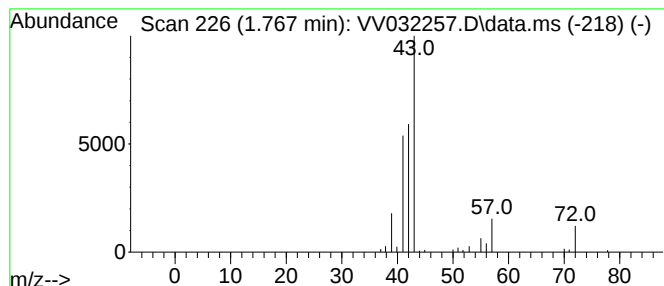
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.767	1.43 ug/L	45931	1,4-Difluorobenzene	5.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	90
2	Pentane			72	C5H12	000109-66-0	86
3	Pentane			72	C5H12	000109-66-0	80
4	Pentane			72	C5H12	000109-66-0	72
5	Pentane			72	C5H12	000109-66-0	64



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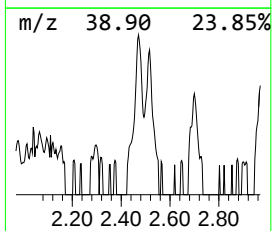
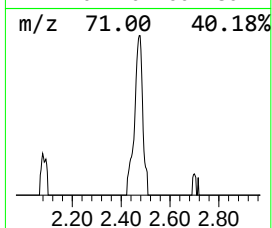
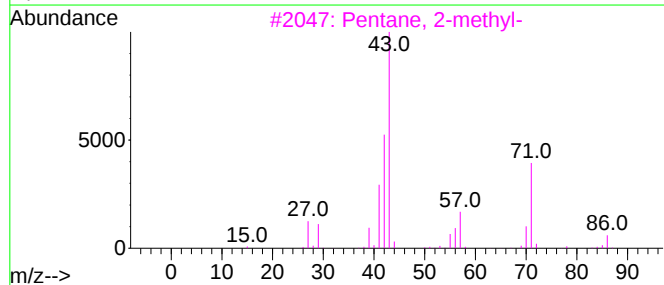
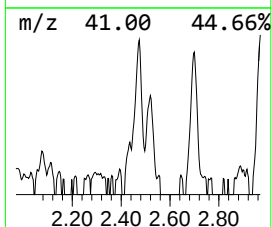
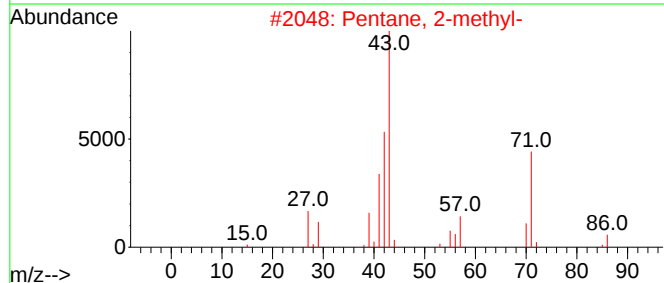
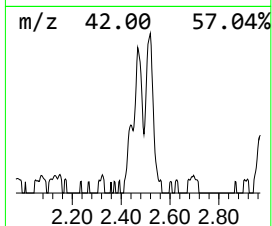
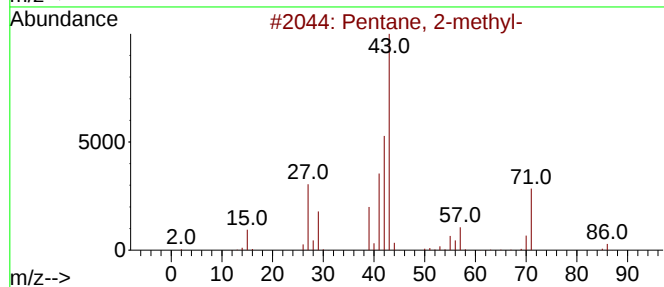
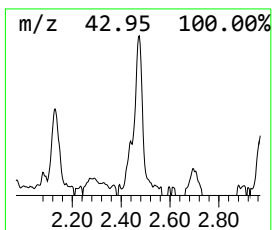
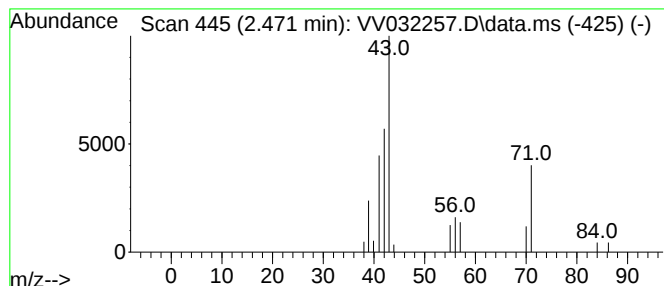
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.471	0.59 ug/L	19004	1,4-Difluorobenzene	5.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	87
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	80



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EX860

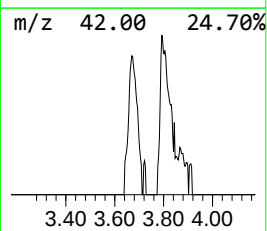
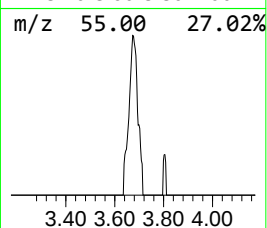
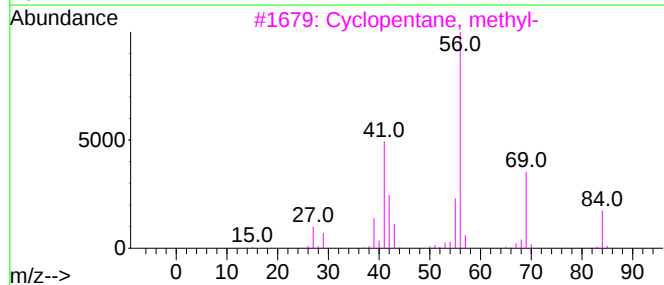
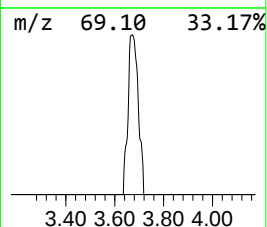
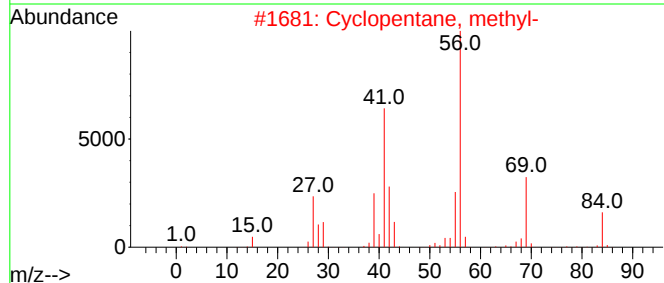
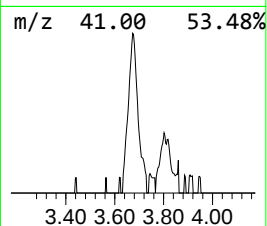
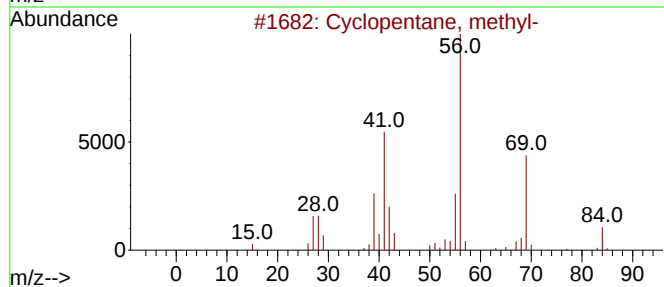
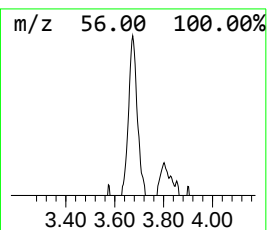
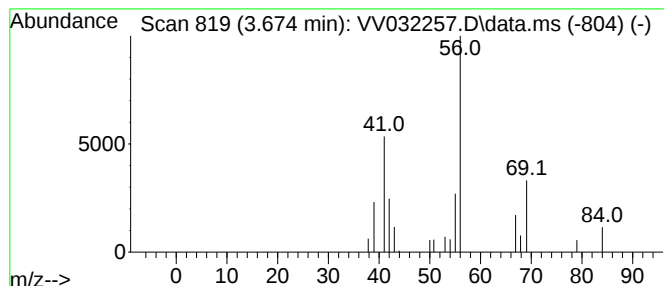
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Cyclic3.674 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.674	0.53 ug/L	17007	1,4-Difluorobenzene	5.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	86
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
Data File : VV032257.D
Acq On : 05 Oct 2023 15:45
Operator : SY/MD
Sample : 04748-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX860

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top	Hit name	RT	EstConc	Units	Response	#	RT	Resp Conc
(DEL)	Alkane: S...	1.085	4.5	ug/L	145546	1	5.542	160326 5.0
(DEL)	Alkane: S...	1.191	2.6	ug/L	84261	1	5.542	160326 5.0
(DEL)	Alkane: S...	1.596	2.2	ug/L	69228	1	5.542	160326 5.0
(DEL)	Alkane: S...	1.767	1.4	ug/L	45931	1	5.542	160326 5.0
(DEL)	Alkane: S...	2.471	0.6	ug/L	19004	1	5.542	160326 5.0
(DEL)	Alkane: C...	3.674	0.5	ug/L	17007	1	5.542	160326 5.0