

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
 Data File : VV032356.D
 Acq On : 10 Oct 2023 02:41
 Operator : SY/MD
 Sample : 04774-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX873

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: VV032356.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	246615	291474	35.01%	5.342%
2	1.191	41	47	63	rVV	159963	145621	17.49%	2.669%
3	1.281	66	75	92	rVV	216838	247540	29.74%	4.537%
4	1.352	93	97	102	rVV2	9092	11649	1.40%	0.213%
5	1.388	103	108	122	rVB2	9535	16994	2.04%	0.311%
6	1.532	146	153	165	rVB	48739	56296	6.76%	1.032%
7	1.600	166	174	186	rBV	95704	118999	14.29%	2.181%
8	1.767	218	226	238	rVB	63892	82900	9.96%	1.519%
9	2.059	307	317	332	rBV	86306	133072	15.99%	2.439%
10	2.474	426	446	453	rBV2	15526	34966	4.20%	0.641%
11	2.519	453	460	474	rVB3	8222	14805	1.78%	0.271%
12	2.699	503	516	527	rBV4	11610	23395	2.81%	0.429%
13	2.969	587	600	618	rVB3	12482	26322	3.16%	0.482%
14	3.677	803	820	837	rBV4	11944	33321	4.00%	0.611%
15	3.805	842	860	894	rBV	50831	168911	20.29%	3.096%
16	4.272	983	1005	1028	rBV3	89397	326531	39.23%	5.984%
17	4.587	1089	1103	1118	rVB4	11846	29871	3.59%	0.547%
18	4.738	1122	1150	1166	rBV	337041	832456	100.00%	15.256%
19	4.821	1167	1176	1203	rVB3	34011	100161	12.03%	1.836%
20	4.963	1205	1220	1234	rBV3	132608	341878	41.07%	6.266%
21	5.538	1386	1399	1416	rBV	101805	217417	26.12%	3.985%
22	5.837	1480	1492	1507	rBV	90909	189775	22.80%	3.478%
23	5.995	1528	1541	1552	rBV2	74310	156240	18.77%	2.863%
24	6.921	1817	1829	1850	rBV2	33116	71447	8.58%	1.309%
25	7.246	1920	1930	1946	rVV	143790	277049	33.28%	5.077%
26	7.323	1946	1954	1983	rVB	47594	101197	12.16%	1.855%
27	7.561	2019	2028	2047	rBV	20084	45274	5.44%	0.830%
28	8.030	2163	2174	2205	rBV	221388	454983	54.66%	8.338%
29	8.789	2396	2410	2429	rBV	153456	269983	32.43%	4.948%
30	8.956	2452	2462	2472	rBV	13018	22405	2.69%	0.411%
31	9.079	2491	2500	2514	rBV	21030	36240	4.35%	0.664%
32	9.487	2617	2627	2640	rBV	10308	18287	2.20%	0.335%
33	10.159	2825	2836	2851	rBV	63916	106066	12.74%	1.944%
34	10.857	3045	3053	3068	rBV2	7238	11504	1.38%	0.211%
35	11.188	3145	3156	3173	rBV	140185	223279	26.82%	4.092%
36	11.496	3236	3252	3262	rBV6	5592	13117	1.58%	0.240%

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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\SFAMVTR092923WMA.M
Title : TRACE VOA SFAM1.0

37	11.564	3262	3273	3294	rVB	126693	205017	24.63%	3.757%
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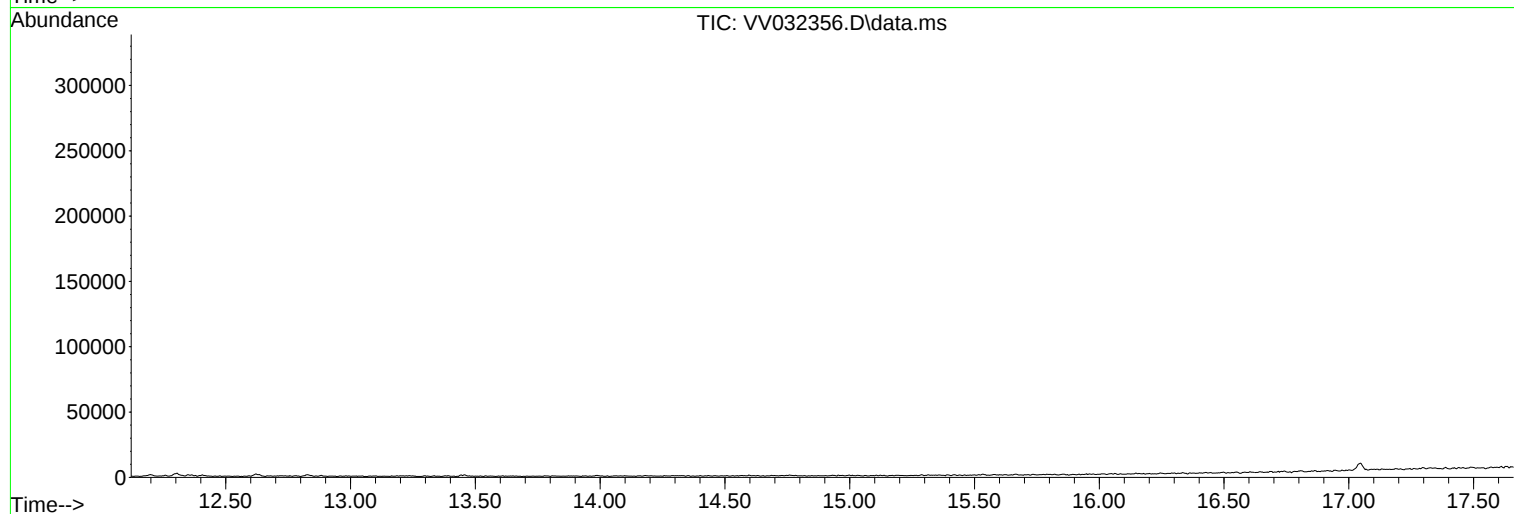
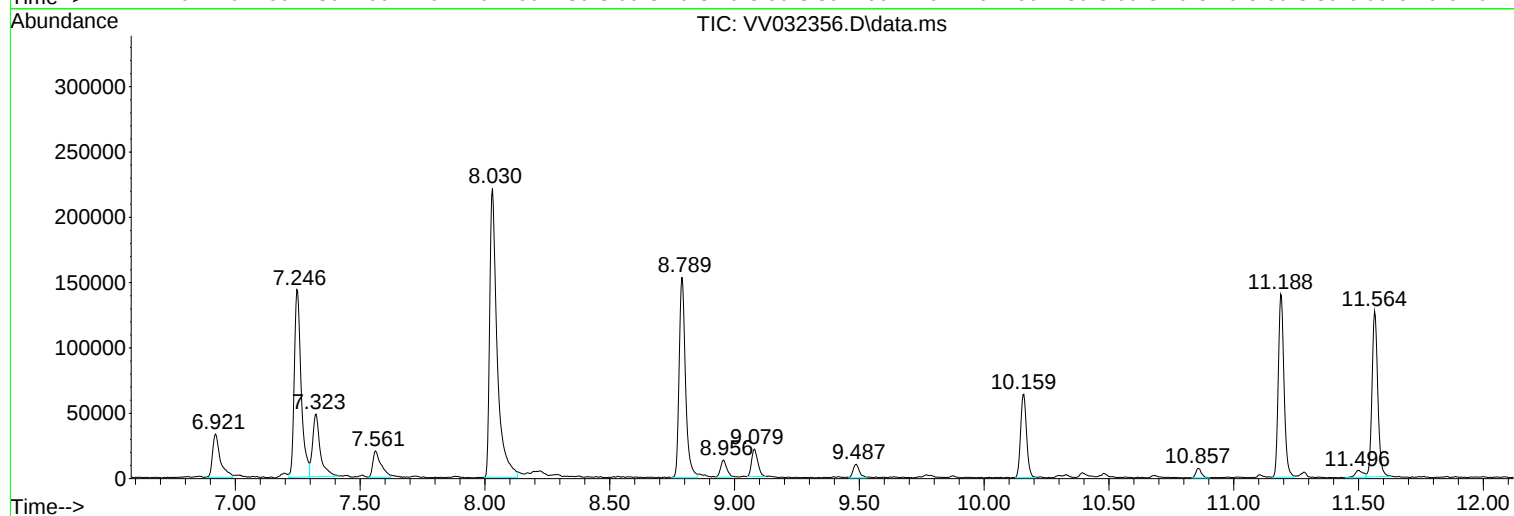
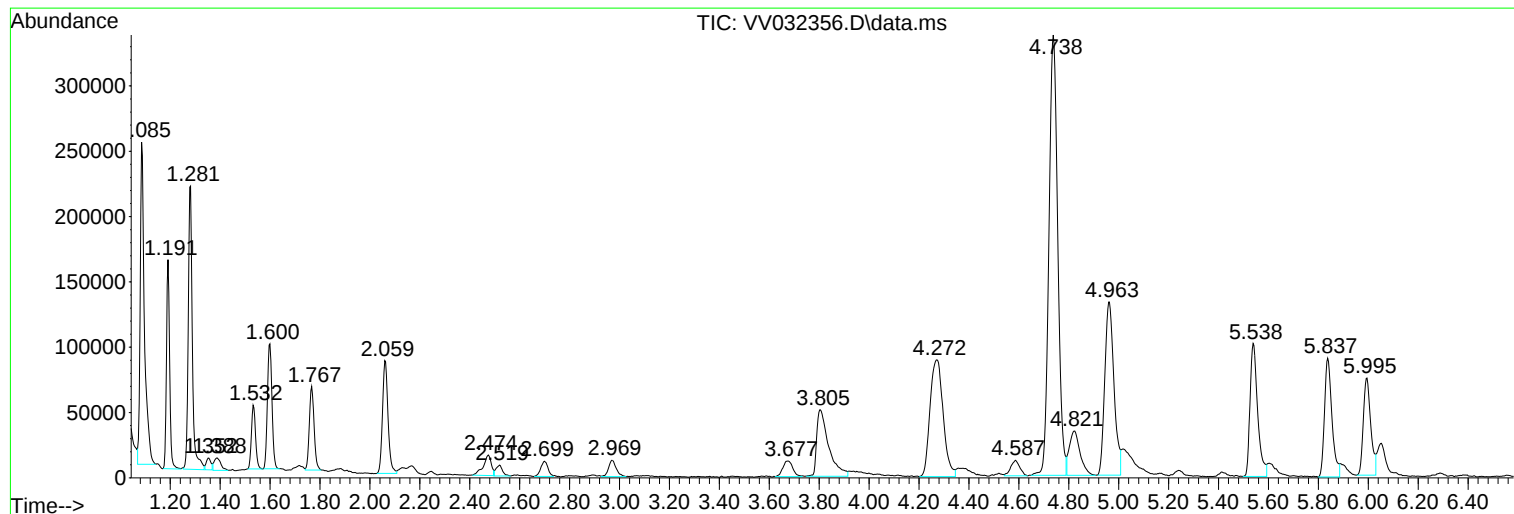
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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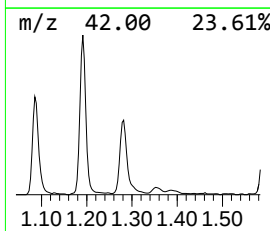
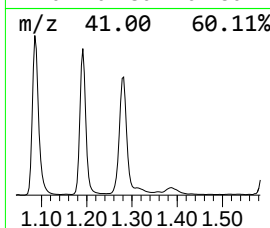
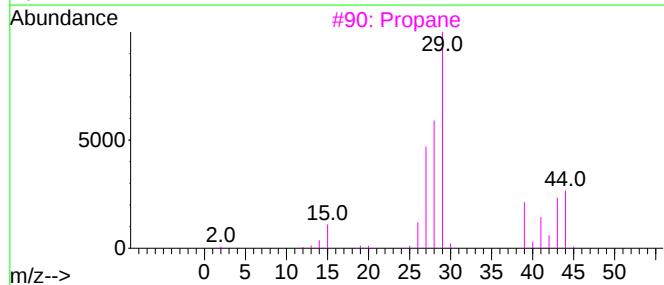
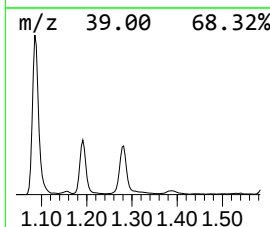
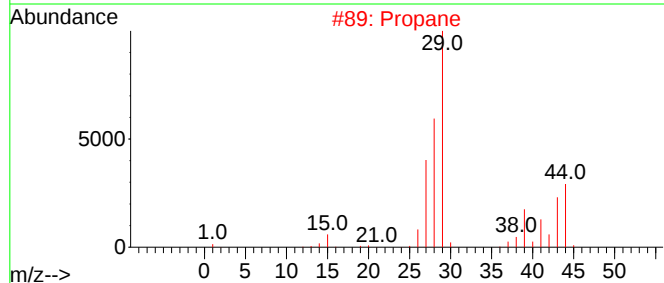
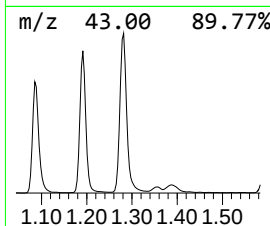
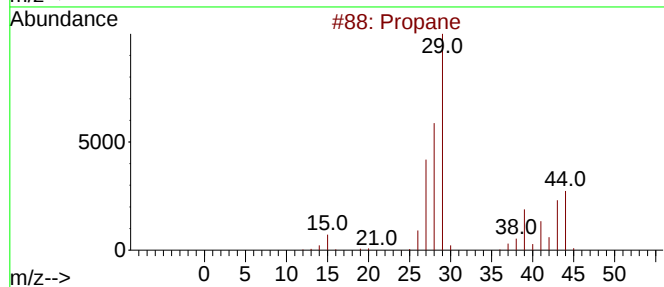
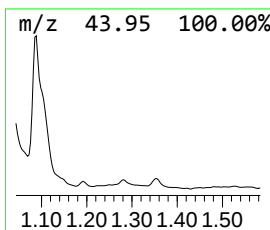
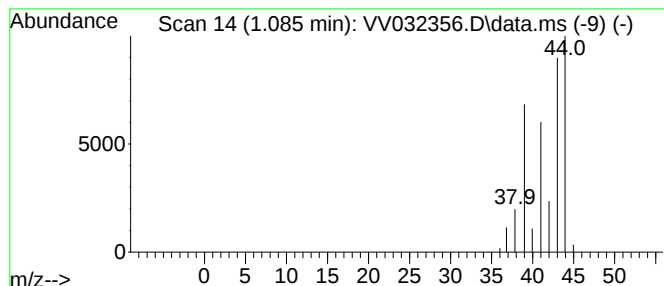
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.085	6.70 ug/L	291474	1,4-Difluorobenzene	5.538

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	Propane			44	C3H8	000074-98-6	9
4	Ethylene oxide			44	C2H4O	000075-21-8	5
5	Acetaldehyde			44	C2H4O	000075-07-0	5



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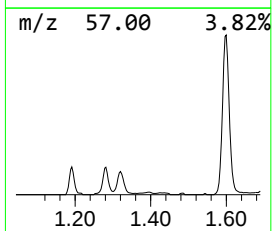
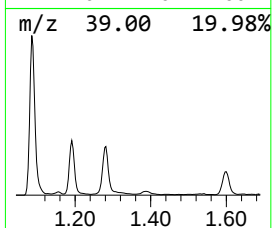
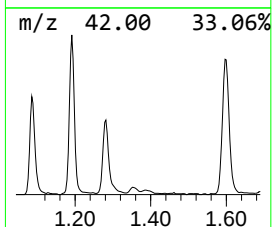
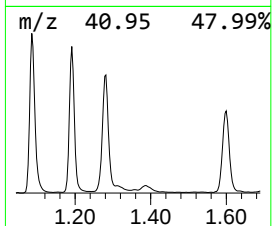
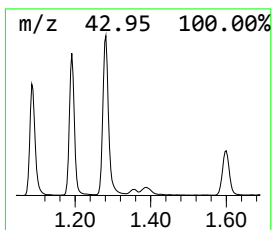
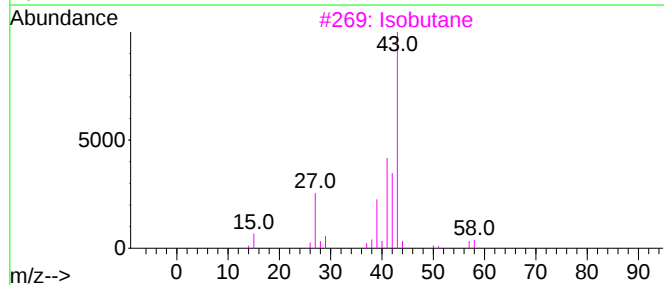
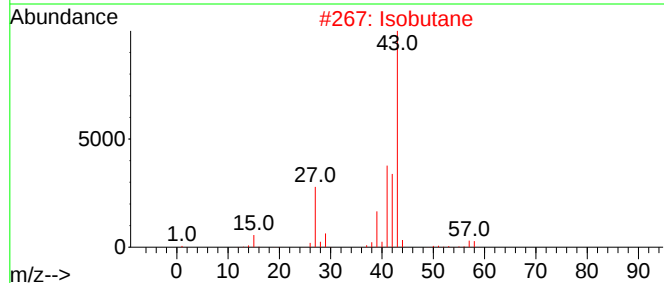
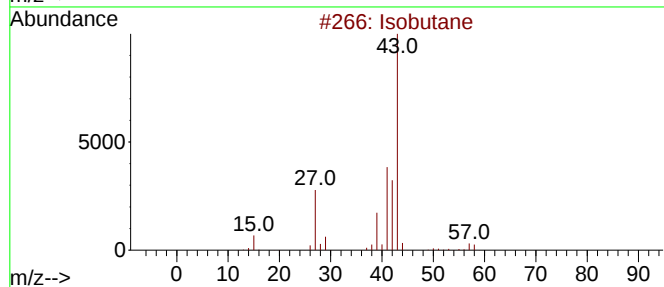
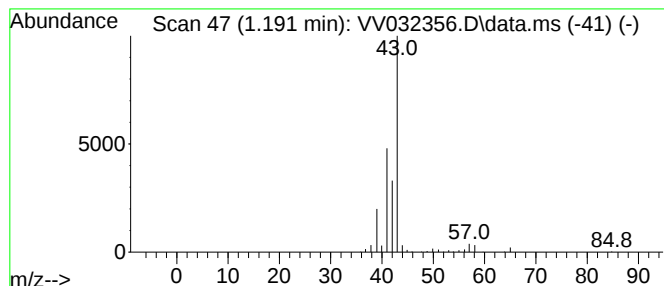
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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	3.35 ug/L	145621	1,4-Difluorobenzene	5.538

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	64
5		Isobutane	58	C4H10	000075-28-5	59



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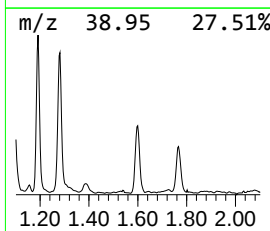
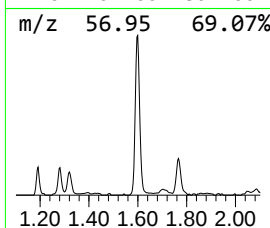
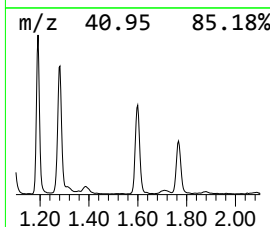
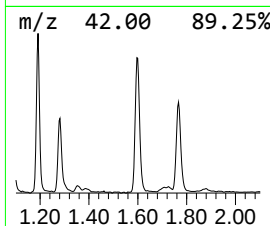
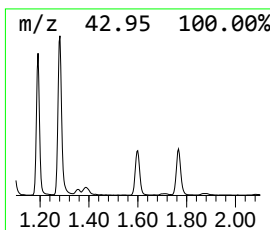
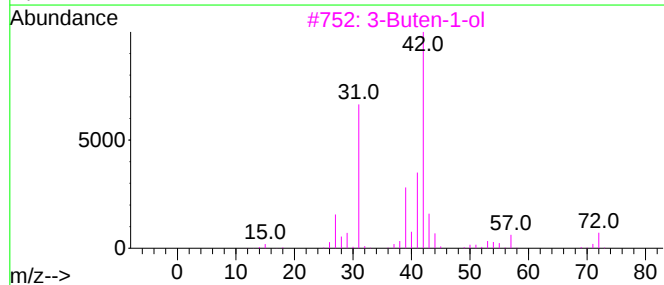
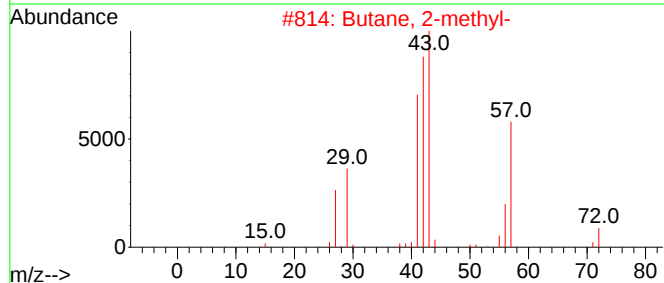
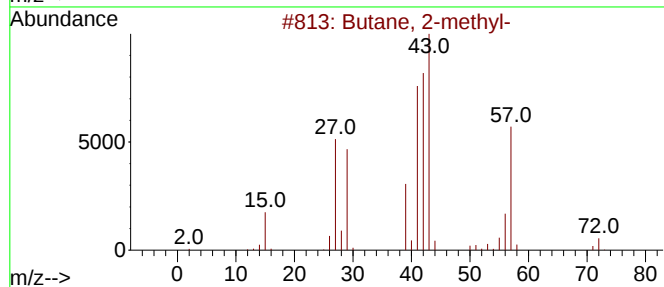
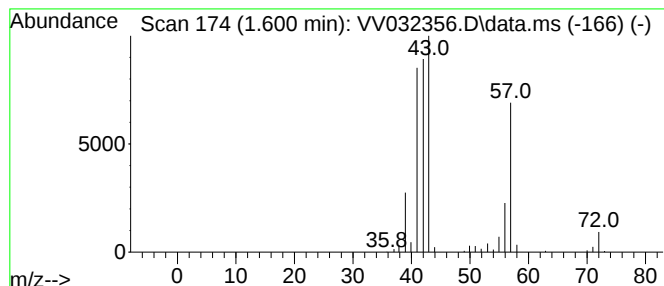
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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.
1.600	2.74 ug/L	118999	1,4-Difluorobenzene	5.538

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	86
3	3-Buten-1-ol			72	C4H8O	000627-27-0	38
4	Pentane			72	C5H12	000109-66-0	33
5	2(3H)-Furanone, dihydro-4-methyl-			100	C5H8O2	001679-49-8	28



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ALS Vial : 44 Sample Multiplier: 1

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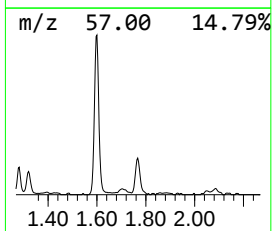
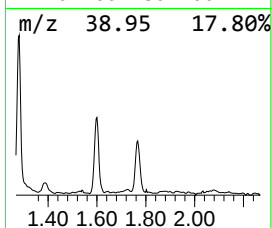
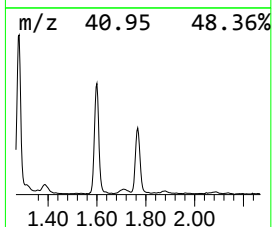
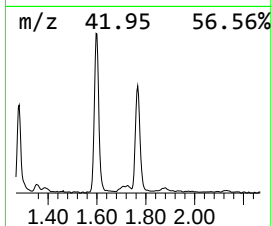
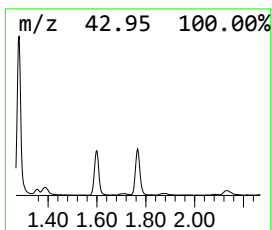
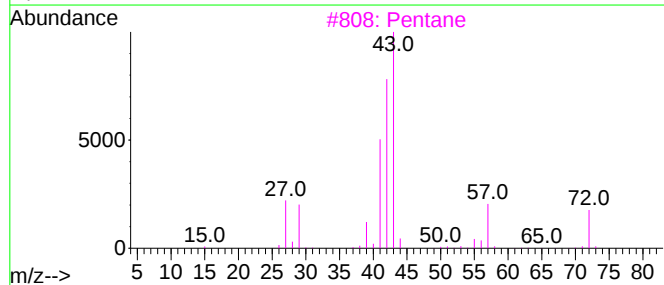
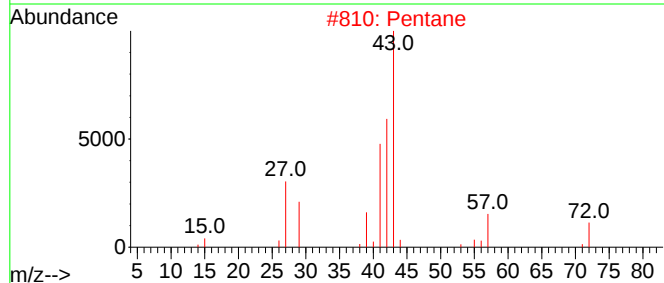
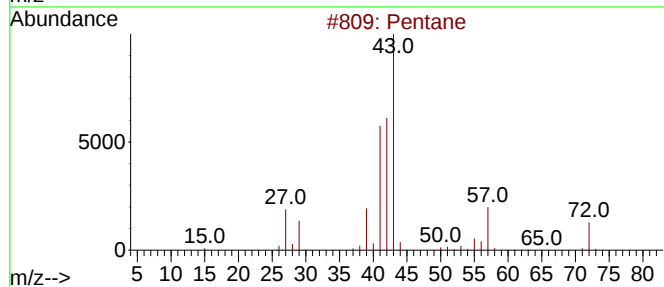
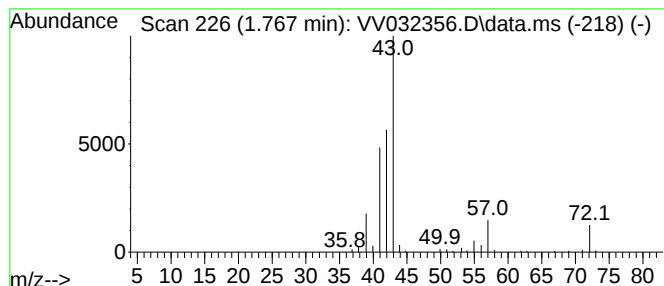
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.767	1.91 ug/L	82900	1,4-Difluorobenzene	5.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	91
2	Pentane			72	C5H12	000109-66-0	87
3	Pentane			72	C5H12	000109-66-0	86
4	Pentane			72	C5H12	000109-66-0	86
5	Pentane			72	C5H12	000109-66-0	80



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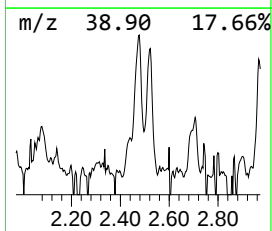
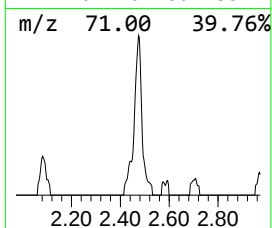
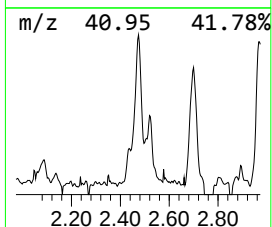
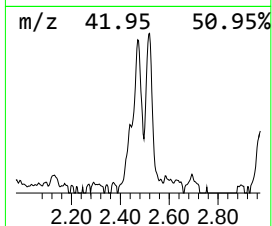
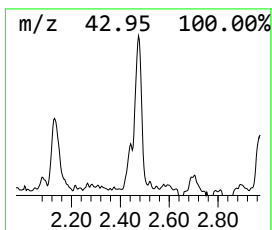
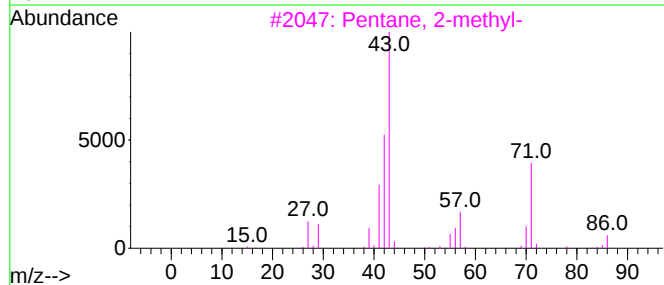
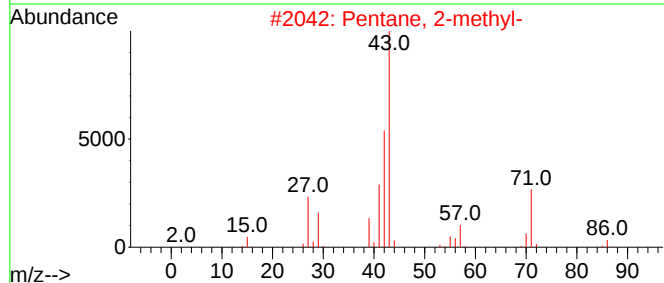
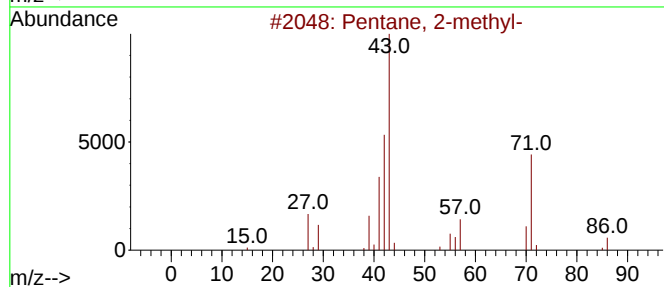
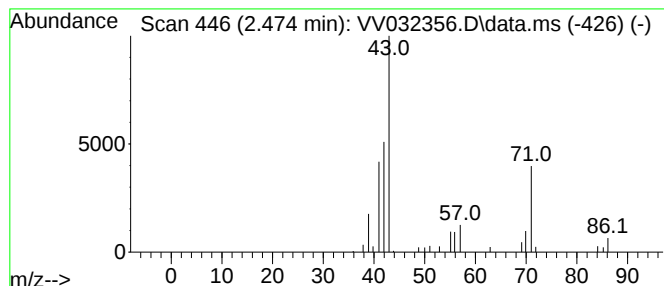
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.474	0.80 ug/L	34966	1,4-Difluorobenzene	5.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4			Pentane, 2-methyl-	86	C6H14	000107-83-5	87
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
Data File : VV032356.D
Acq On : 10 Oct 2023 02:41
Operator : SY/MD
Sample : 04774-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX873

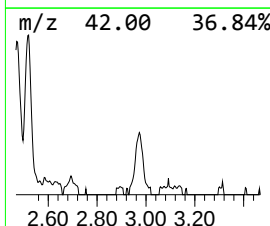
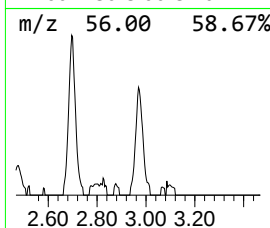
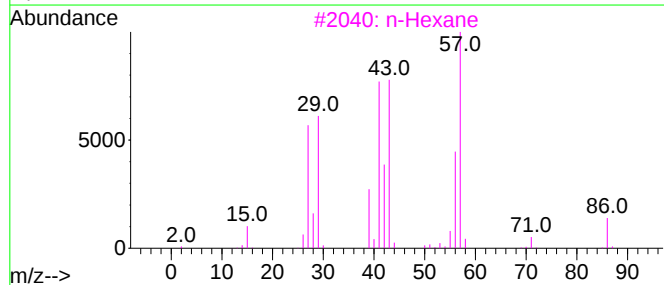
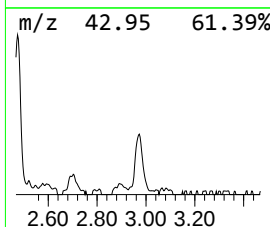
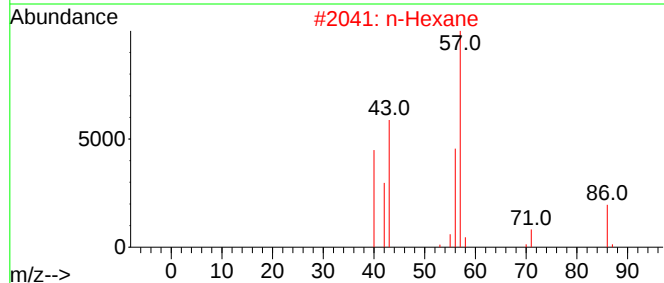
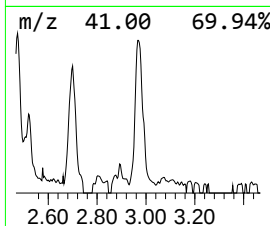
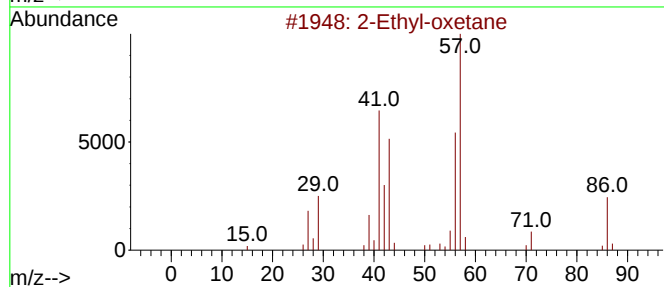
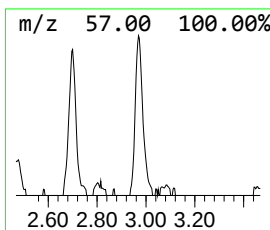
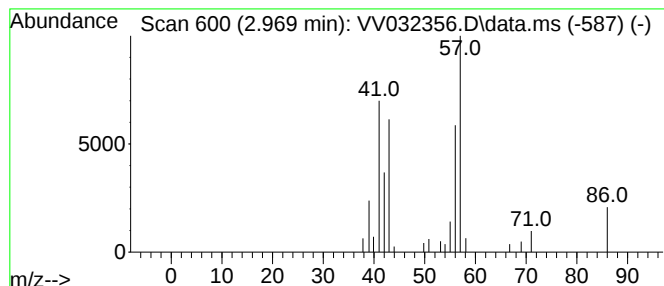
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 2-Ethyl-oxetane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.969	0.61 ug/L	26322	1,4-Difluorobenzene	5.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2			n-Hexane	86	C6H14	000110-54-3	72
3			n-Hexane	86	C6H14	000110-54-3	64
4			n-Hexane	86	C6H14	000110-54-3	53
5			Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
Data File : VV032356.D
Acq On : 10 Oct 2023 02:41
Operator : SY/MD
Sample : 04774-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX873

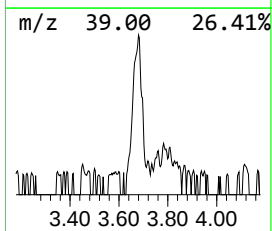
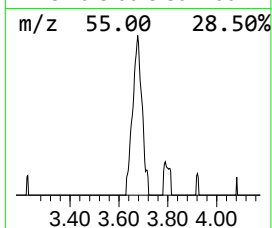
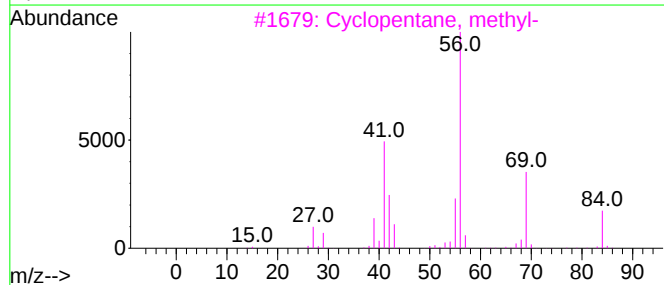
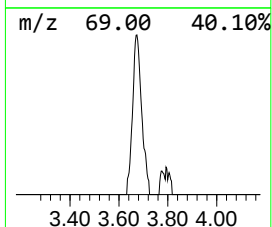
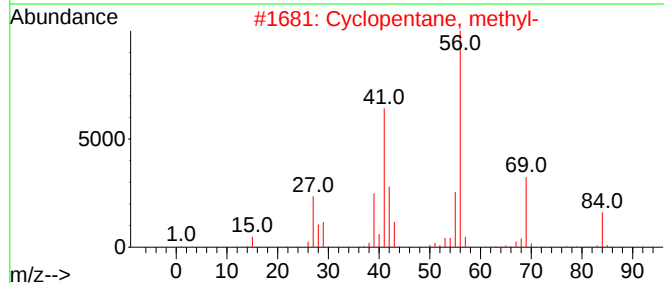
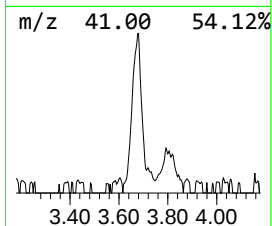
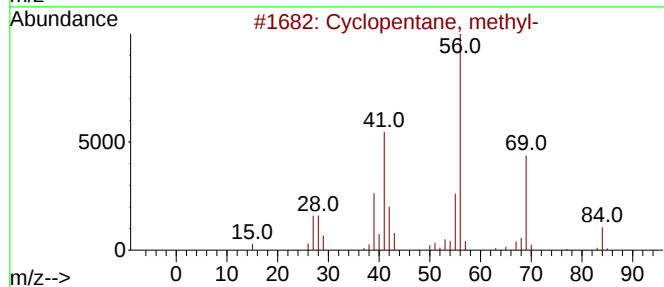
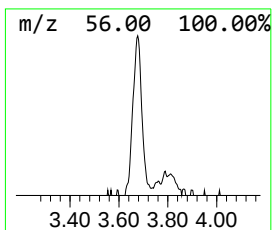
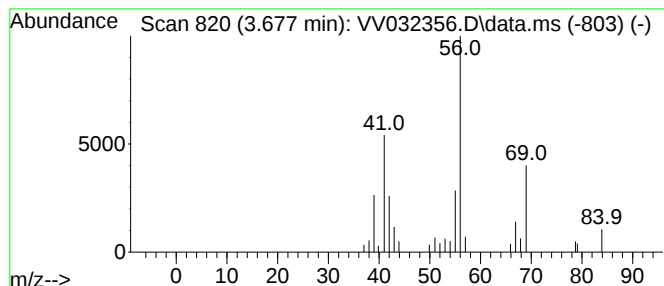
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Cyclic3.677 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.677	0.77 ug/L	33321	1,4-Difluorobenzene	5.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	80
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	64
5			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
Data File : VV032356.D
Acq On : 10 Oct 2023 02:41
Operator : SY/MD
Sample : 04774-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX873

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.085	6.7	ug/L	291474	1	5.538	217417	5.0
(DEL) Alkane: S...	1.191	3.4	ug/L	145621	1	5.538	217417	5.0
(DEL) Alkane: S...	1.600	2.7	ug/L	118999	1	5.538	217417	5.0
(DEL) Alkane: S...	1.767	1.9	ug/L	82900	1	5.538	217417	5.0
(DEL) Alkane: S...	2.474	0.8	ug/L	34966	1	5.538	217417	5.0
2-Ethyl-oxetane	2.969	0.6	ug/L	26322	1	5.538	217417	5.0
(DEL) Alkane: C...	3.677	0.8	ug/L	33321	1	5.538	217417	5.0