

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
 Data File : VV032352.D
 Acq On : 10 Oct 2023 01:04
 Operator : SY/MD
 Sample : 04774-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX835

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: VV032352.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	8	14	40	rVB	202894	259511	63.94%	7.379%
2	1.192	40	47	58	rBV	112178	101663	25.05%	2.891%
3	1.278	66	74	92	rBV	161130	180982	44.59%	5.146%
4	1.349	93	96	101	rVV	4171	4296	1.06%	0.122%
5	1.384	103	107	121	rVB3	7148	11873	2.93%	0.338%
6	1.532	146	153	165	rVB	47807	55973	13.79%	1.592%
7	1.597	165	173	188	rVB	52585	67934	16.74%	1.932%
8	1.767	218	226	241	rVB	30037	41914	10.33%	1.192%
9	2.060	306	317	332	rBV	78862	121209	29.87%	3.447%
10	2.121	332	336	341	rVV2	4949	6473	1.59%	0.184%
11	2.163	343	349	366	rVB6	8861	18799	4.63%	0.535%
12	2.246	367	375	382	rBV3	3121	5865	1.45%	0.167%
13	2.471	438	445	453	rVV5	5684	11075	2.73%	0.315%
14	2.516	454	459	467	rVB4	3589	5283	1.30%	0.150%
15	2.700	508	516	526	rVB6	4054	7179	1.77%	0.204%
16	2.970	591	600	615	rVB6	4404	9137	2.25%	0.260%
17	3.677	803	820	834	rBV6	5572	15461	3.81%	0.440%
18	3.799	848	858	890	rBV2	46284	139740	34.43%	3.974%
19	4.252	982	999	1022	rBV2	50110	135745	33.45%	3.860%
20	4.362	1024	1033	1048	rVB8	3176	8471	2.09%	0.241%
21	4.587	1088	1103	1117	rBV9	6753	18074	4.45%	0.514%
22	4.960	1203	1219	1236	rBV2	119536	313941	77.35%	8.927%
23	5.539	1383	1399	1415	rBV	93294	201695	49.70%	5.735%
24	5.844	1484	1494	1503	rBV10	2677	5512	1.36%	0.157%
25	5.992	1528	1540	1552	rBV	67321	143203	35.28%	4.072%
26	6.921	1818	1829	1852	rBV	29355	65772	16.21%	1.870%
27	7.246	1919	1930	1946	rBV	128513	242575	59.77%	6.898%
28	7.326	1947	1955	1976	rVB	24580	53263	13.12%	1.515%
29	7.564	2019	2029	2055	rBV3	17122	38499	9.49%	1.095%
30	8.030	2163	2174	2204	rBV	194434	405856	100.00%	11.541%
31	8.789	2398	2410	2427	rBV	149555	260888	64.28%	7.418%
32	8.956	2453	2462	2475	rVB2	4827	8750	2.16%	0.249%
33	9.082	2491	2501	2516	rBV2	9925	17888	4.41%	0.509%
34	9.487	2616	2627	2641	rBV4	4615	8864	2.18%	0.252%
35	10.156	2825	2835	2852	rBV2	60140	97862	24.11%	2.783%
36	10.857	3045	3053	3065	rBV3	3909	5666	1.40%	0.161%

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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
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37	11.191	3146	3157	3177	rBV	141034	224097	55.22%	6.372%
38	11.564	3263	3273	3297	rVB	120589	195737	48.23%	5.566%

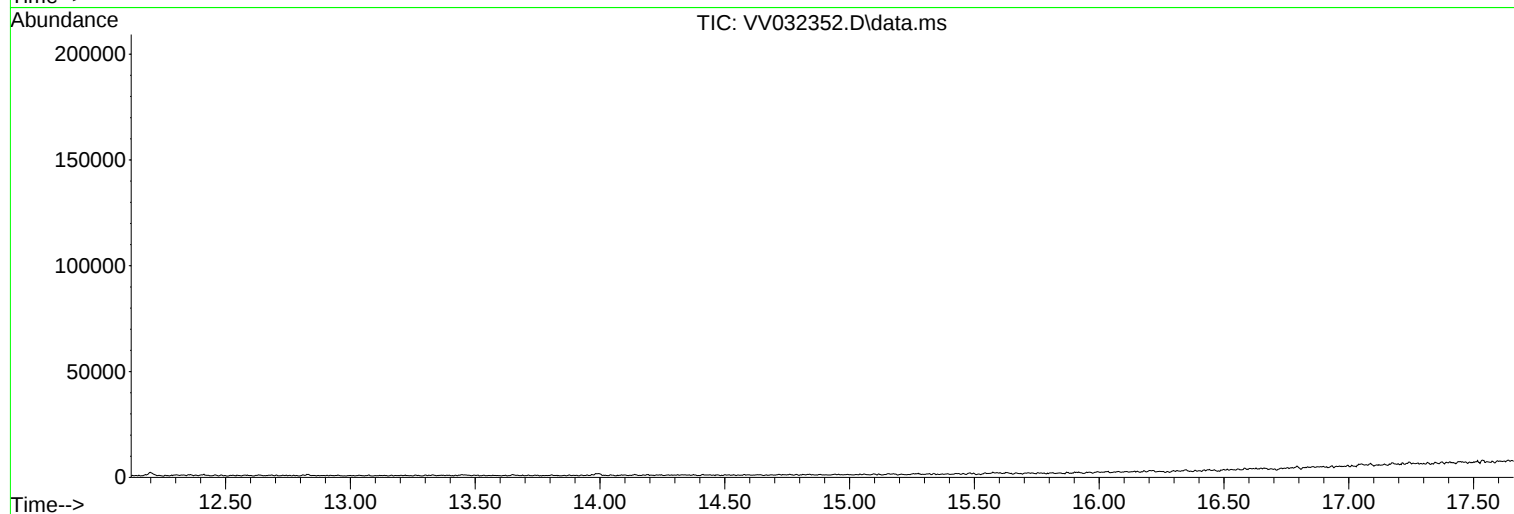
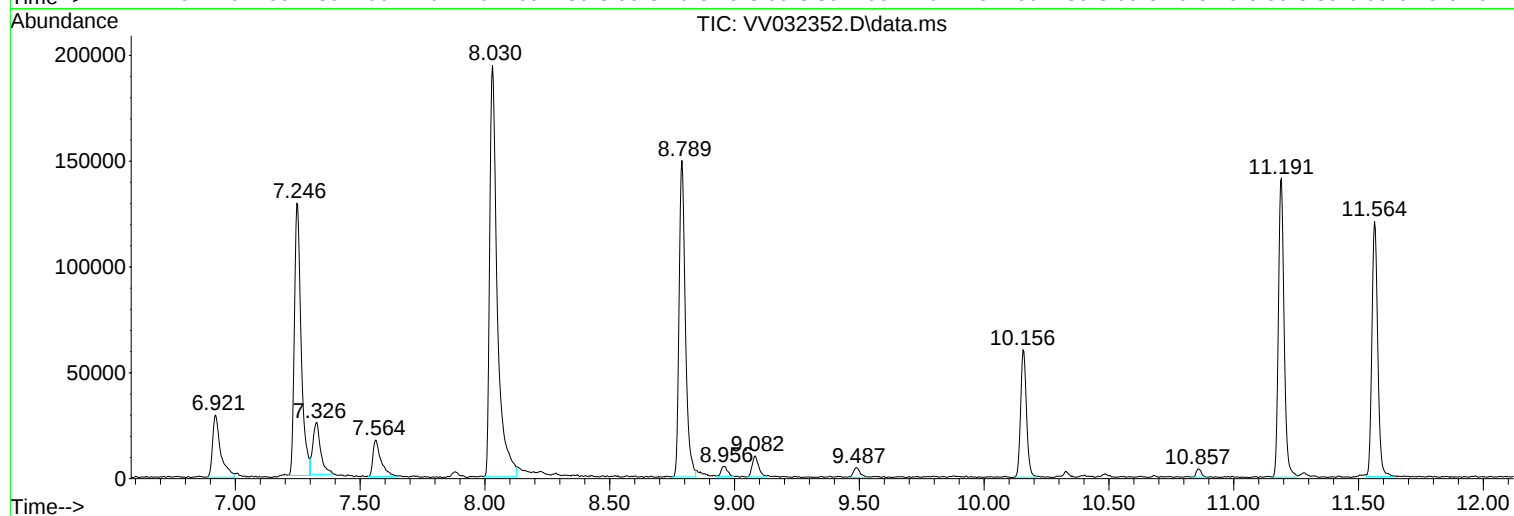
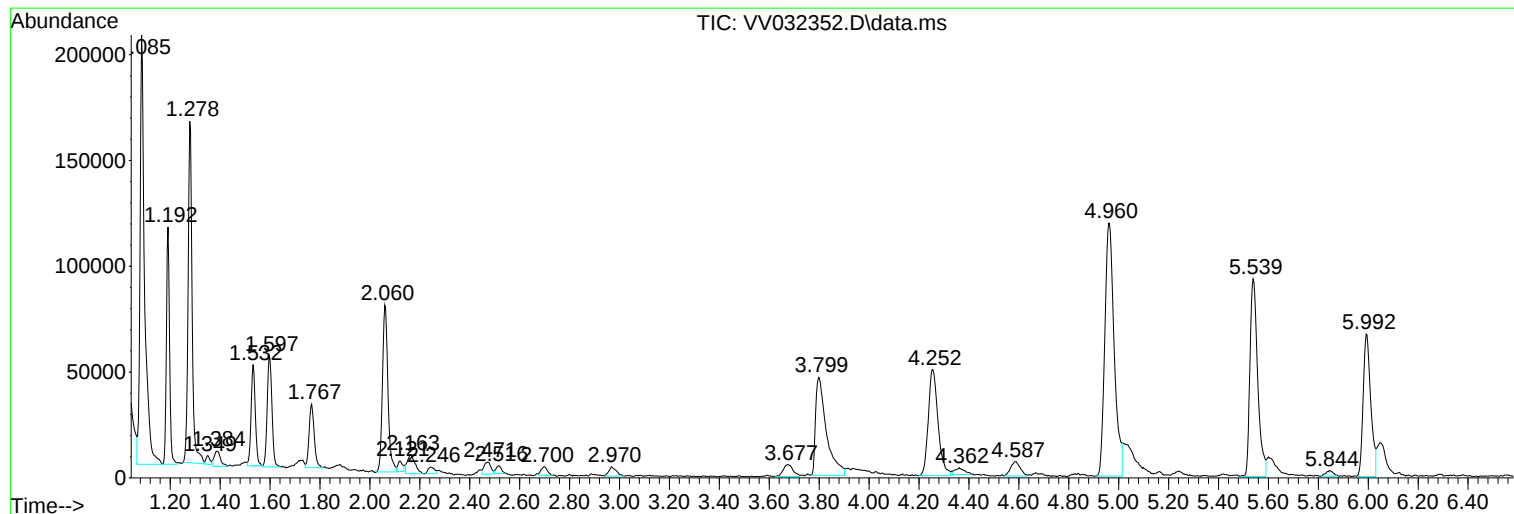
Sum of corrected areas: 3516725

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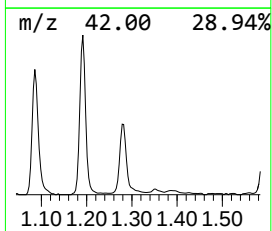
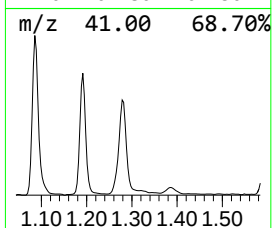
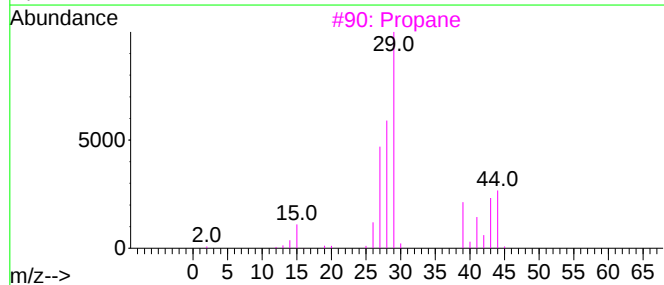
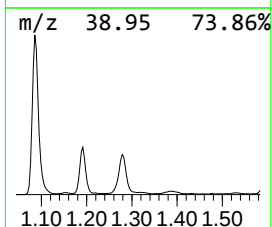
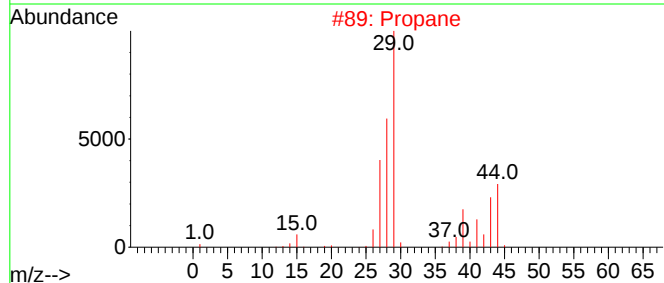
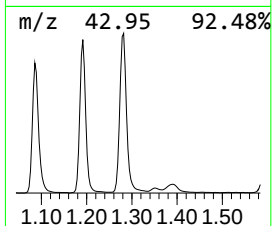
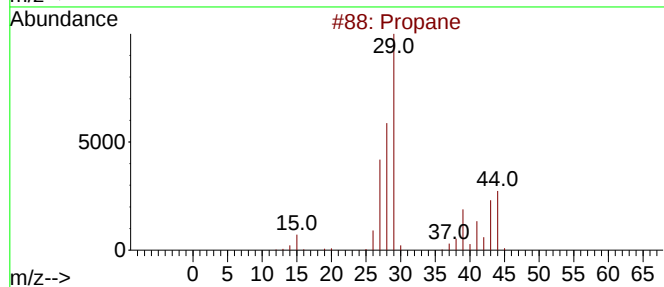
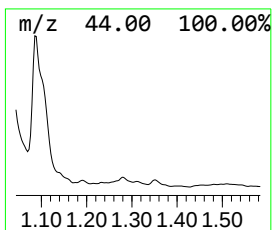
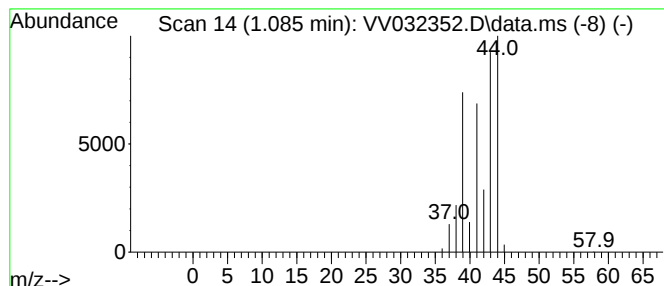
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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	6.43 ug/L	259511	1,4-Difluorobenzene	5.539

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		Propene	42	C3H6	000115-07-1	9
5		Ethylene oxide	44	C2H4O	000075-21-8	5



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Instrument :
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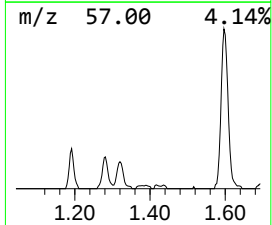
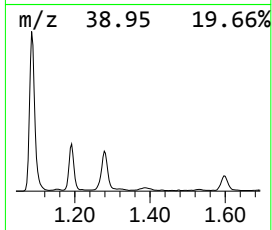
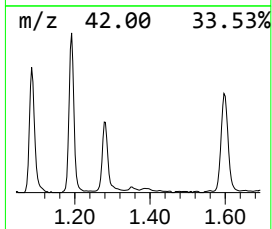
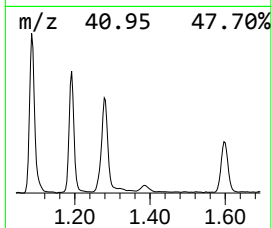
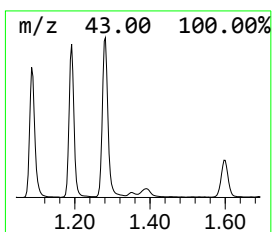
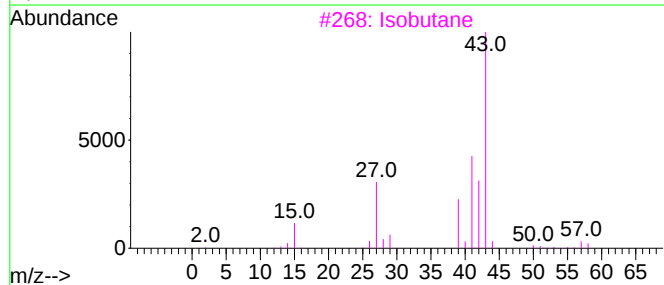
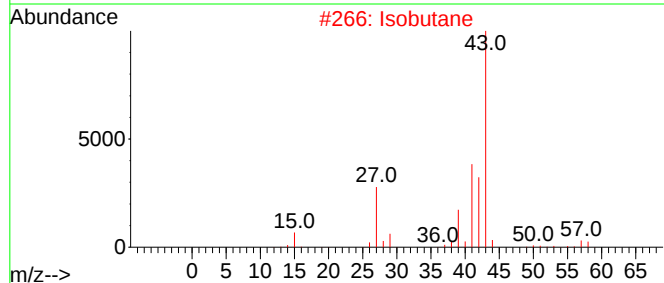
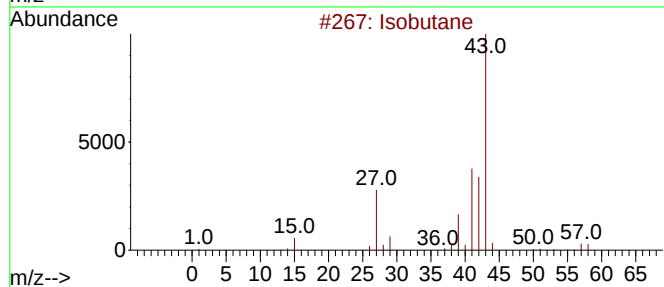
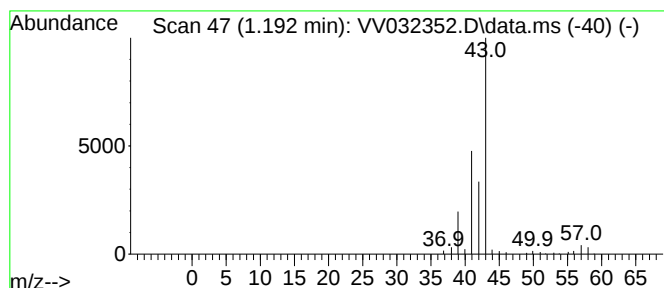
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.192	2.52 ug/L	101663	1,4-Difluorobenzene	5.539

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	56
4			Isobutane	58	C4H10	000075-28-5	9
5			Hydrogen isocyanate	43	CHNO	000075-13-8	4



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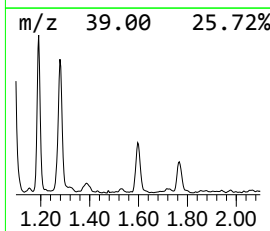
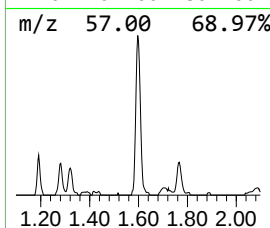
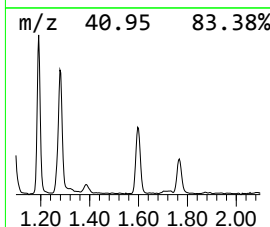
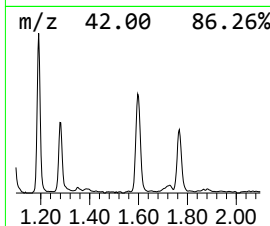
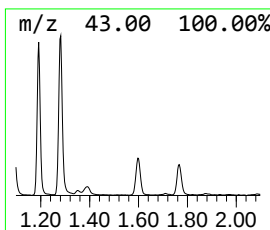
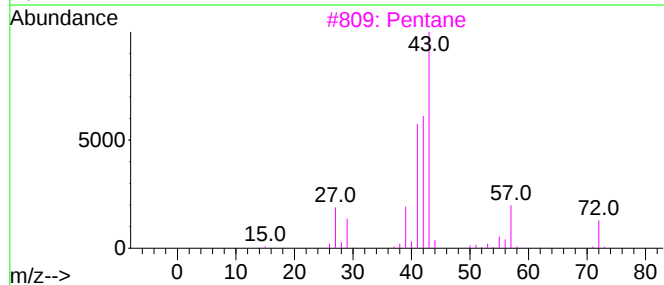
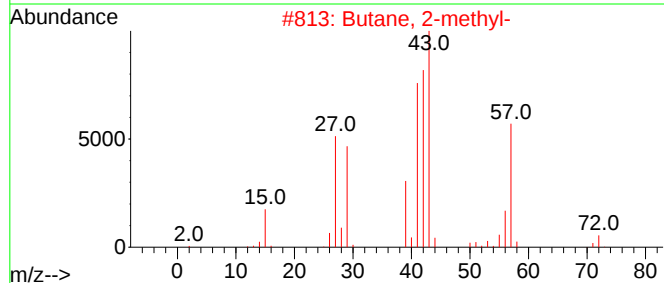
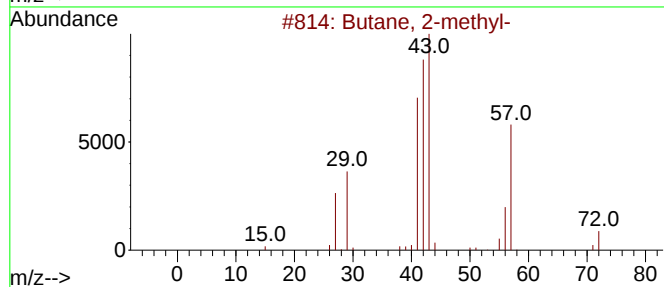
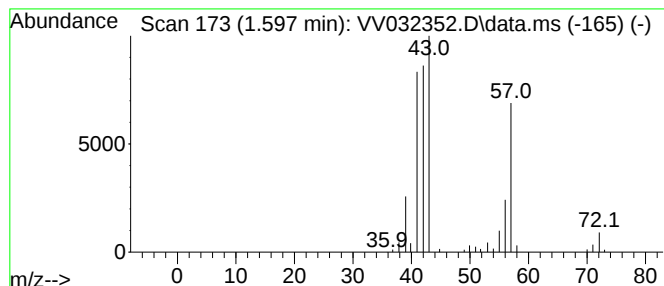
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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.
1.597	1.68 ug/L	67934	1,4-Difluorobenzene	5.539

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	Pentane			72	C5H12	000109-66-0	45
4	3-Buten-1-ol			72	C4H8O	000627-27-0	28
5	1-Pentene			70	C5H10	000109-67-1	25



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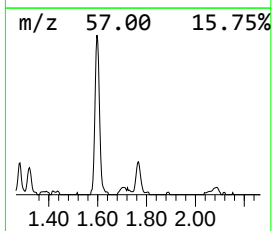
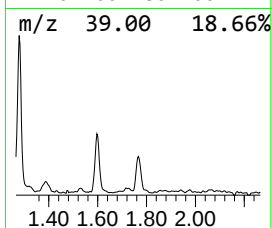
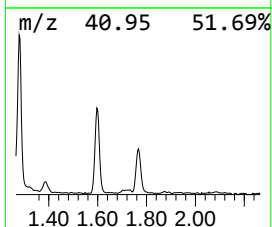
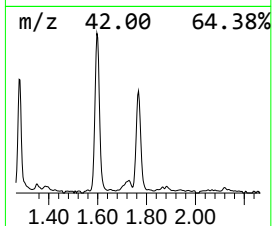
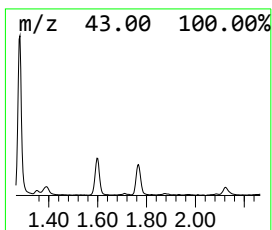
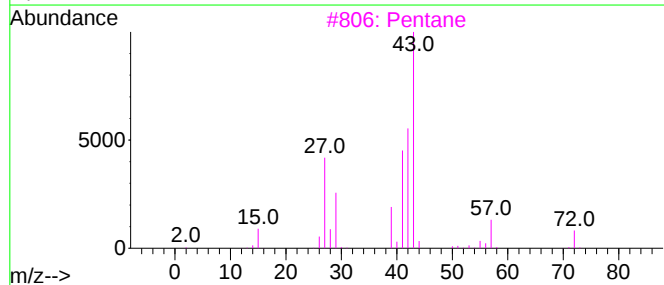
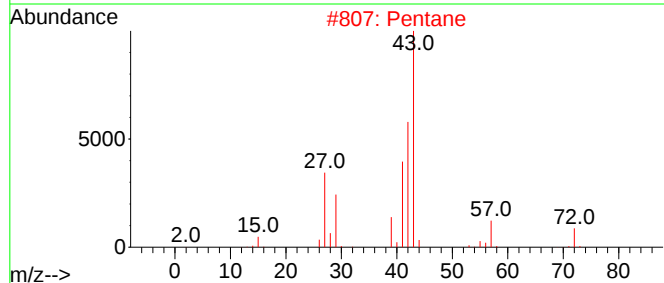
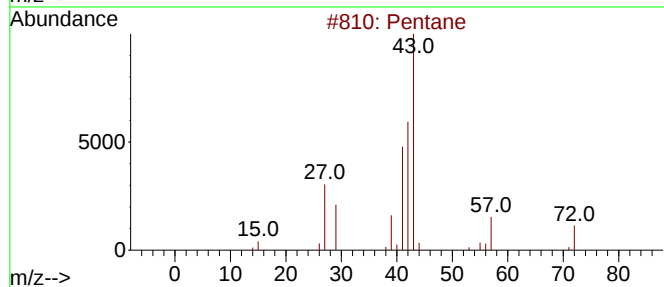
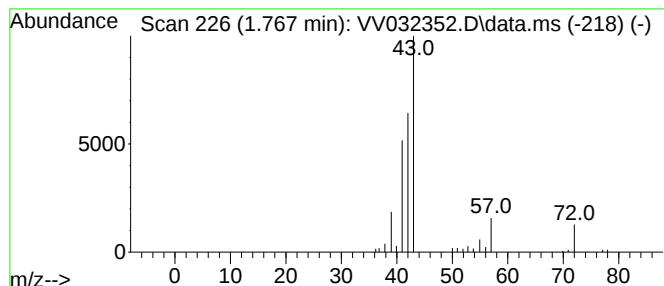
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.767	1.04 ug/L	41914	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	64
5	Pentane	72	C5H12	000109-66-0	50



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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...	1.085	6.4	ug/L	259511	1	5.539	201695	5.0
(DEL) Alkane: S...	1.192	2.5	ug/L	101663	1	5.539	201695	5.0
(DEL) Alkane: S...	1.597	1.7	ug/L	67934	1	5.539	201695	5.0
(DEL) Alkane: S...	1.767	1.0	ug/L	41914	1	5.539	201695	5.0