

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101123\
 Data File : VV032382.D
 Acq On : 11 Oct 2023 10:43
 Operator : SY/MD
 Sample : 04774-13DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX873DL

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: VV032382.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	35	rVB	67383	85797	22.64%	2.283%
2	1.191	41	47	55	rBV	45276	41377	10.92%	1.101%
3	1.278	67	74	85	rBV	99723	106216	28.03%	2.826%
4	1.384	102	107	116	rVB7	2707	4040	1.07%	0.107%
5	1.532	146	153	165	rVB	49921	58011	15.31%	1.543%
6	1.597	165	173	184	rBV	27271	33440	8.82%	0.890%
7	1.764	218	225	234	rVB	17240	21828	5.76%	0.581%
8	2.060	307	317	331	rBV	84390	127774	33.72%	3.400%
9	2.169	345	351	362	rVB4	5727	11441	3.02%	0.304%
10	2.452	428	439	452	rBV6	10552	26107	6.89%	0.695%
11	2.693	507	514	525	rBV7	2494	4791	1.26%	0.127%
12	2.969	591	600	624	rVB4	3995	9154	2.42%	0.244%
13	3.670	807	818	820	rBV3	2868	3871	1.02%	0.103%
14	3.799	849	858	888	rBV2	47488	149762	39.52%	3.985%
15	4.252	981	999	1027	rBV3	59034	185787	49.03%	4.943%
16	4.358	1027	1032	1052	rVB8	3727	10549	2.78%	0.281%
17	4.587	1090	1103	1118	rVB8	3790	9613	2.54%	0.256%
18	4.738	1133	1150	1166	rBV2	81880	205272	54.17%	5.461%
19	4.960	1203	1219	1236	rBV2	127441	334755	88.34%	8.906%
20	5.535	1386	1398	1415	rBV	117620	249639	65.88%	6.642%
21	5.841	1482	1493	1507	rBV5	18301	41397	10.92%	1.101%
22	5.992	1525	1540	1553	rBV2	74498	161941	42.74%	4.309%
23	6.918	1818	1828	1854	rBV2	33161	75833	20.01%	2.018%
24	7.246	1919	1930	1948	rBV	149875	287721	75.93%	7.655%
25	7.326	1948	1955	1973	rVB2	12334	25783	6.80%	0.686%
26	7.561	2020	2028	2054	rVB2	19040	42009	11.09%	1.118%
27	8.030	2163	2174	2213	rBV	177975	378940	100.00%	10.082%
28	8.368	2267	2279	2292	rBV3	9125	15942	4.21%	0.424%
29	8.789	2399	2410	2439	rBV	196300	347990	91.83%	9.259%
30	8.953	2451	2461	2475	rVB2	3764	7591	2.00%	0.202%
31	9.079	2493	2500	2512	rBV5	5206	9350	2.47%	0.249%
32	9.490	2617	2628	2639	rBV6	2812	4309	1.14%	0.115%
33	10.156	2825	2835	2854	rBV2	60709	100438	26.50%	2.672%
34	11.191	3146	3157	3179	rBV	203556	324848	85.73%	8.643%
35	11.564	3259	3273	3295	rBV	159223	255233	67.35%	6.791%

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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

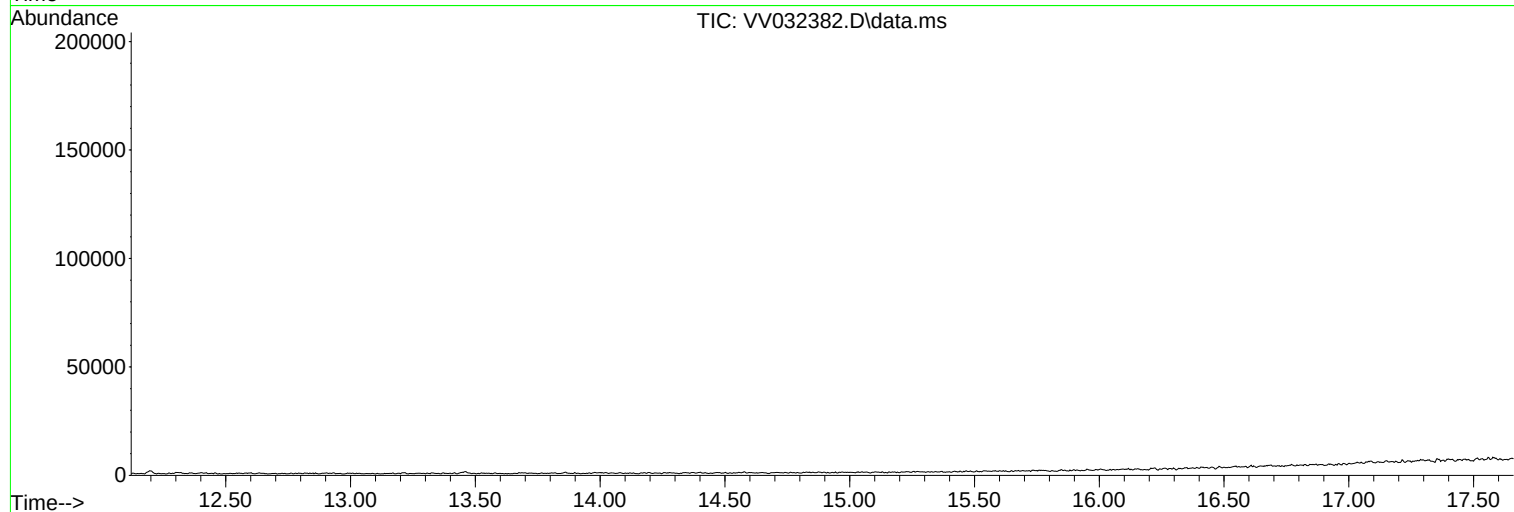
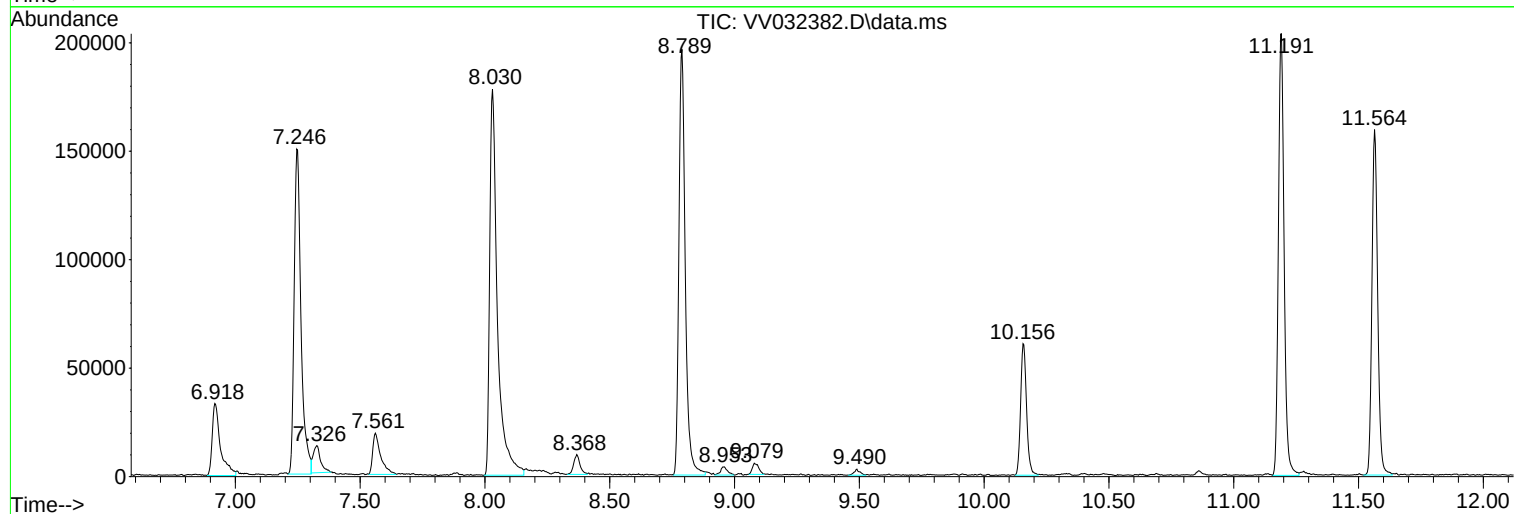
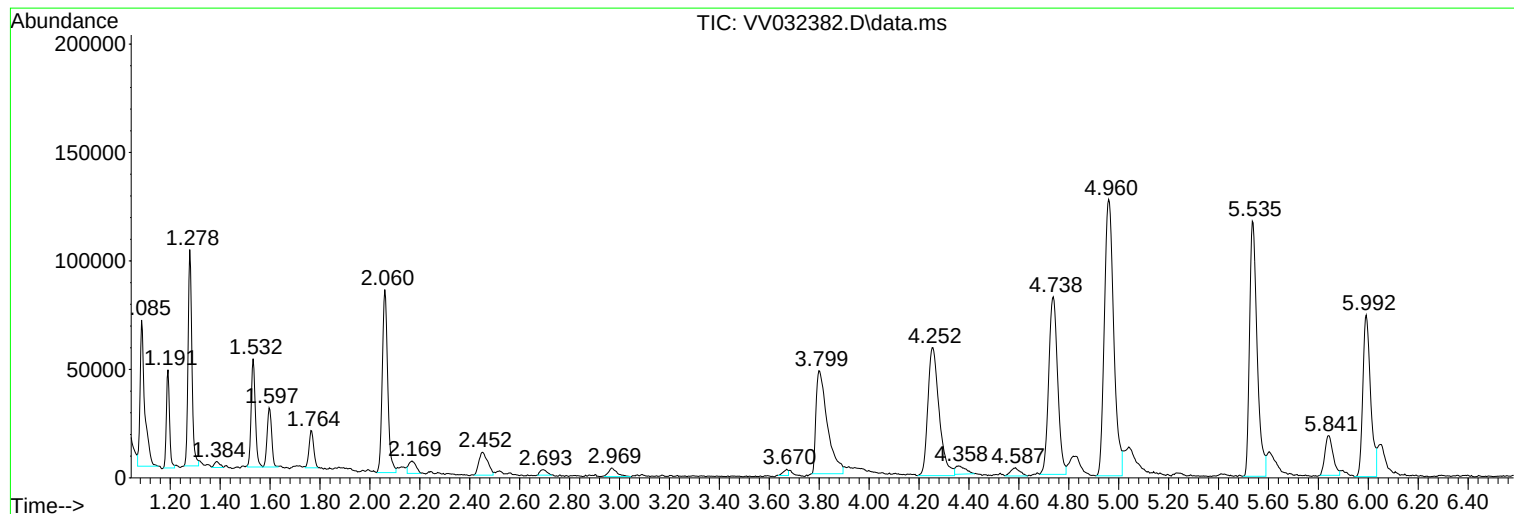
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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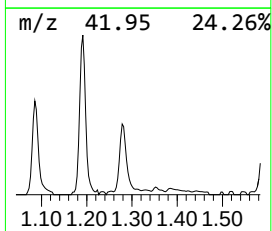
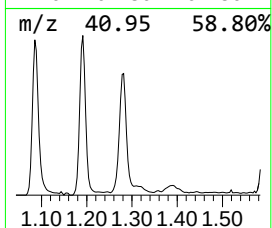
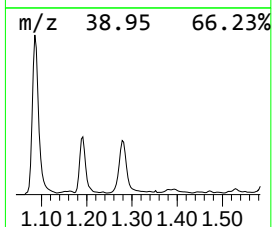
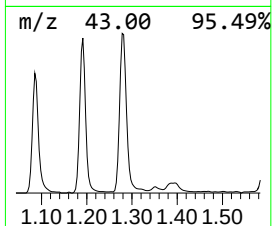
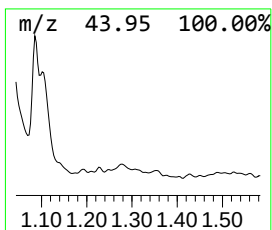
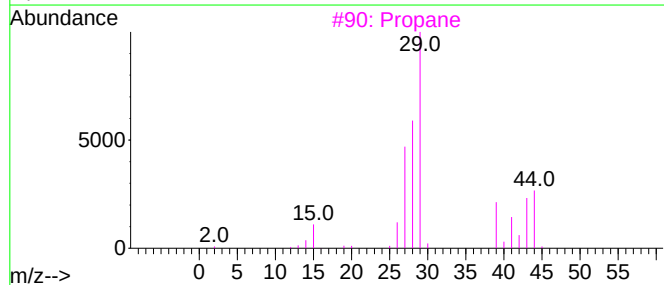
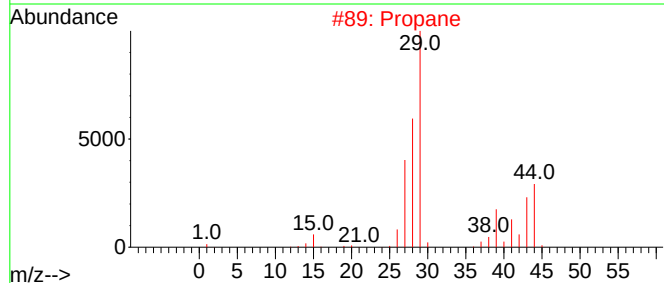
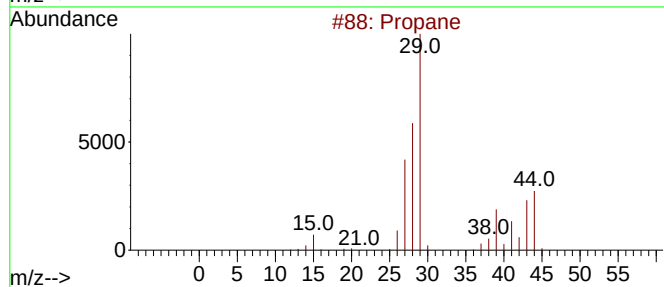
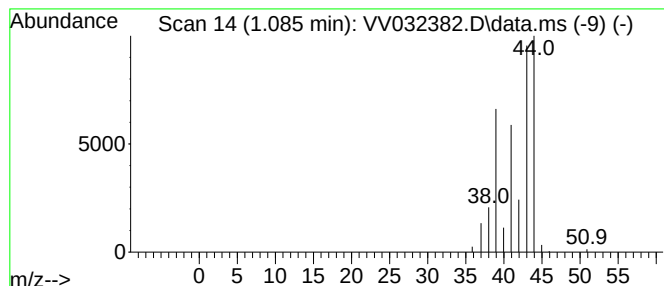
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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	1.72 ug/L	85797	1,4-Difluorobenzene	5.535

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			Cyclopropene	40	C3H4	002781-85-3	9
5			Propene	42	C3H6	000115-07-1	9



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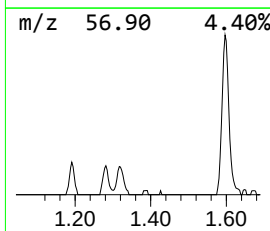
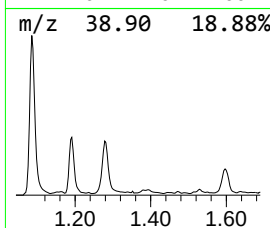
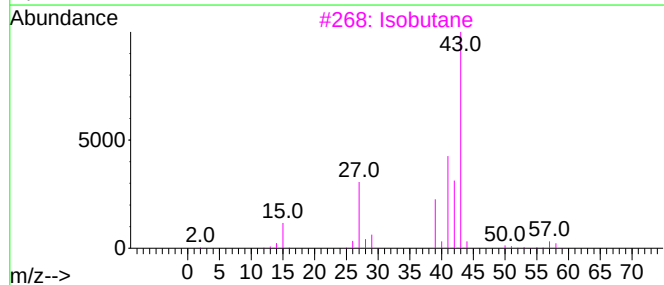
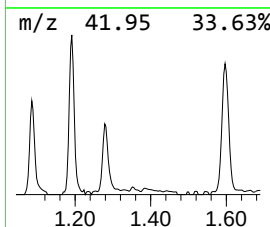
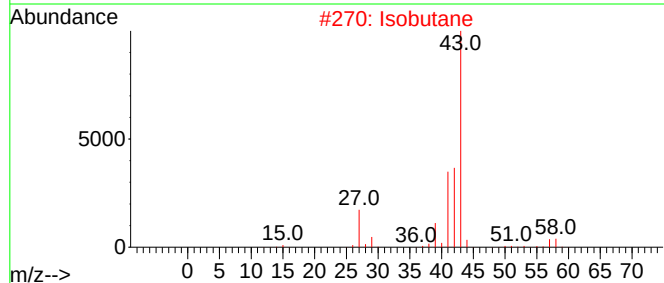
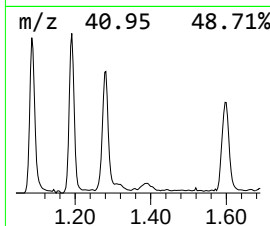
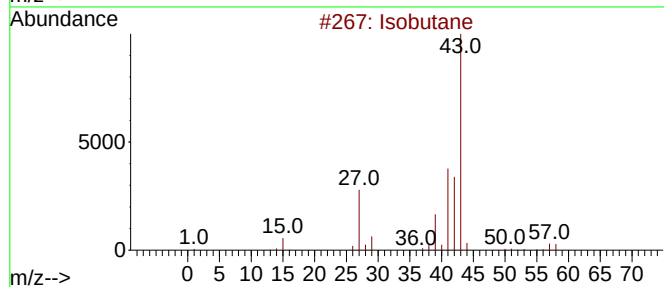
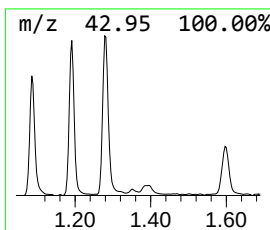
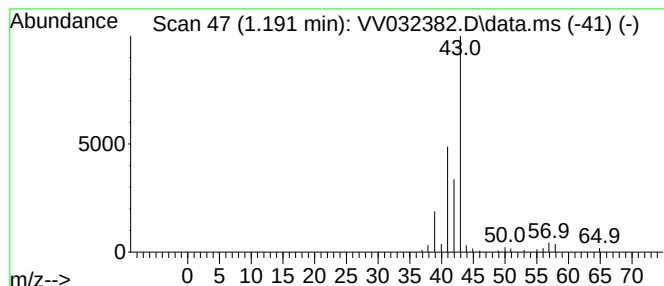
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.191	0.83 ug/L	41377	1,4-Difluorobenzene	5.535

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



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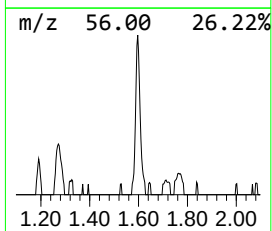
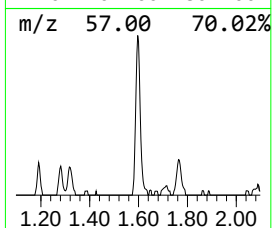
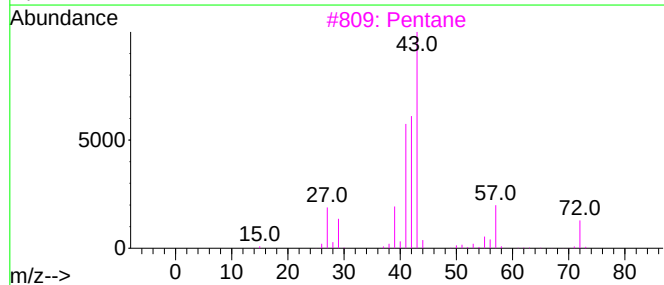
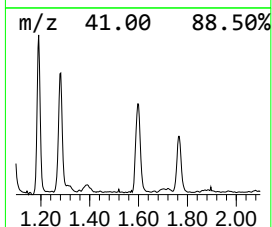
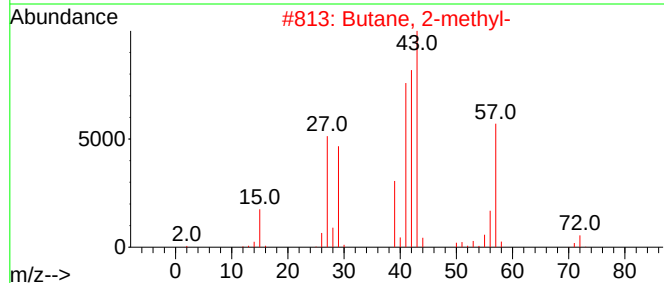
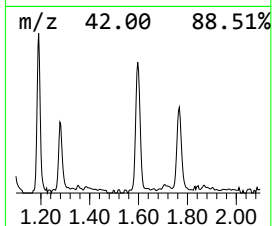
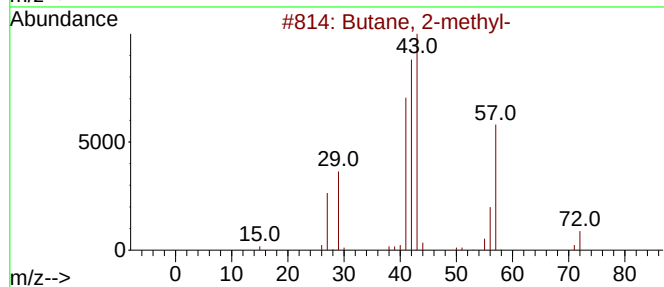
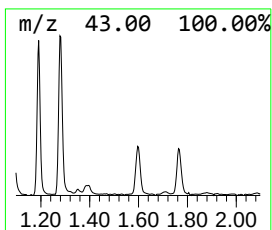
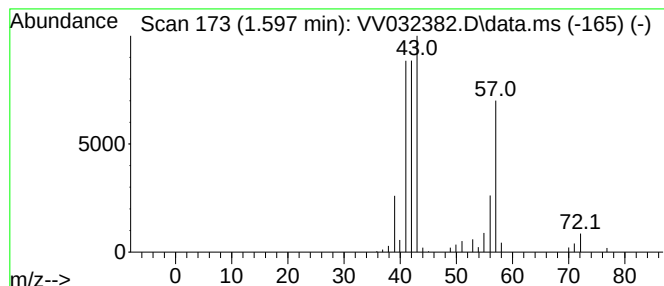
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.597	0.67 ug/L	33440	1,4-Difluorobenzene	5.535

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		Pentane	72	C5H12	000109-66-0	59
4		3-Buten-1-ol	72	C4H8O	000627-27-0	37
5		1-Butene	56	C4H8	000106-98-9	10



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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	1.7	ug/L	85797	1	5.535	249639	5.0
(DEL) Alkane: S...	1.191	0.8	ug/L	41377	1	5.535	249639	5.0
(DEL) Alkane: S...	1.597	0.7	ug/L	33440	1	5.535	249639	5.0