

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
 Data File : VV032256.D
 Acq On : 05 Oct 2023 15:20
 Operator : SY/MD
 Sample : 04748-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX859

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: VV032256.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	137017	142122	37.01%	4.480%
2	1.192	41	47	60	rVB	97914	86935	22.64%	2.741%
3	1.278	66	74	84	rBV	133877	141955	36.96%	4.475%
4	1.349	93	96	104	rVB	4063	4512	1.17%	0.142%
5	1.532	146	153	165	rVB	37901	44669	11.63%	1.408%
6	1.597	165	173	190	rVB	55985	71839	18.71%	2.265%
7	1.767	218	226	243	rVB	35366	47704	12.42%	1.504%
8	2.060	307	317	331	rBV	64752	98174	25.56%	3.095%
9	2.124	331	337	343	rVB4	2938	4171	1.09%	0.131%
10	2.243	362	374	394	rBV6	3392	8610	2.24%	0.271%
11	2.471	426	445	453	rBV2	8992	20776	5.41%	0.655%
12	2.520	455	460	472	rVB3	4740	7489	1.95%	0.236%
13	2.700	505	516	530	rVB2	5385	10878	2.83%	0.343%
14	2.973	587	601	612	rBV3	6296	12144	3.16%	0.383%
15	3.671	805	818	836	rBV4	6466	16296	4.24%	0.514%
16	3.793	847	856	887	rBV	52920	150053	39.07%	4.730%
17	4.256	984	1000	1029	rBV	46312	128894	33.56%	4.063%
18	4.584	1090	1102	1118	rBV6	6476	16377	4.26%	0.516%
19	4.963	1205	1220	1252	rBV2	107947	304687	79.34%	9.605%
20	5.243	1304	1307	1318	rVB6	2836	3867	1.01%	0.122%
21	5.539	1385	1399	1428	rBV	82151	178529	46.49%	5.628%
22	5.838	1482	1492	1503	rBV7	2361	4493	1.17%	0.142%
23	5.995	1527	1541	1552	rBV	62881	131688	34.29%	4.151%
24	6.918	1818	1828	1853	rBV2	26267	54799	14.27%	1.728%
25	7.249	1920	1931	1946	rVV	117990	212273	55.27%	6.692%
26	7.323	1946	1954	1976	rVB	26886	54438	14.18%	1.716%
27	7.561	2018	2028	2048	rBV	16521	34767	9.05%	1.096%
28	7.879	2118	2127	2139	rBV3	2726	4699	1.22%	0.148%
29	8.031	2163	2174	2204	rBV	194622	384042	100.00%	12.107%
30	8.789	2400	2410	2429	rBV	133955	224324	58.41%	7.072%
31	8.957	2453	2462	2474	rVB	6860	10504	2.74%	0.331%
32	9.082	2490	2501	2517	rVB	11707	21167	5.51%	0.667%
33	9.487	2617	2627	2640	rBV4	5713	9063	2.36%	0.286%
34	10.156	2823	2835	2851	rBV	58476	93032	24.22%	2.933%
35	10.326	2882	2888	2900	rVB3	4752	7275	1.89%	0.229%
36	10.860	3046	3054	3070	rBV3	4443	6644	1.73%	0.209%

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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	11.188	3146	3156	3177	rBV	137859	218458	56.88%	6.887%
38	11.564	3259	3273	3296	rVB	123489	199761	52.02%	6.297%

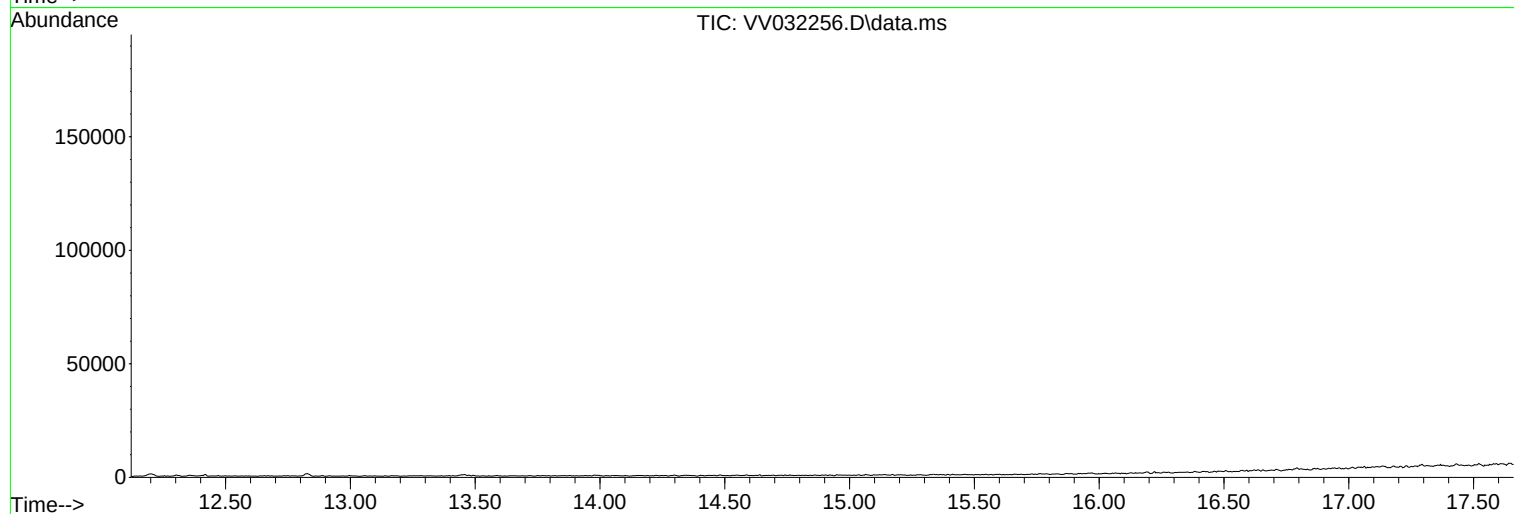
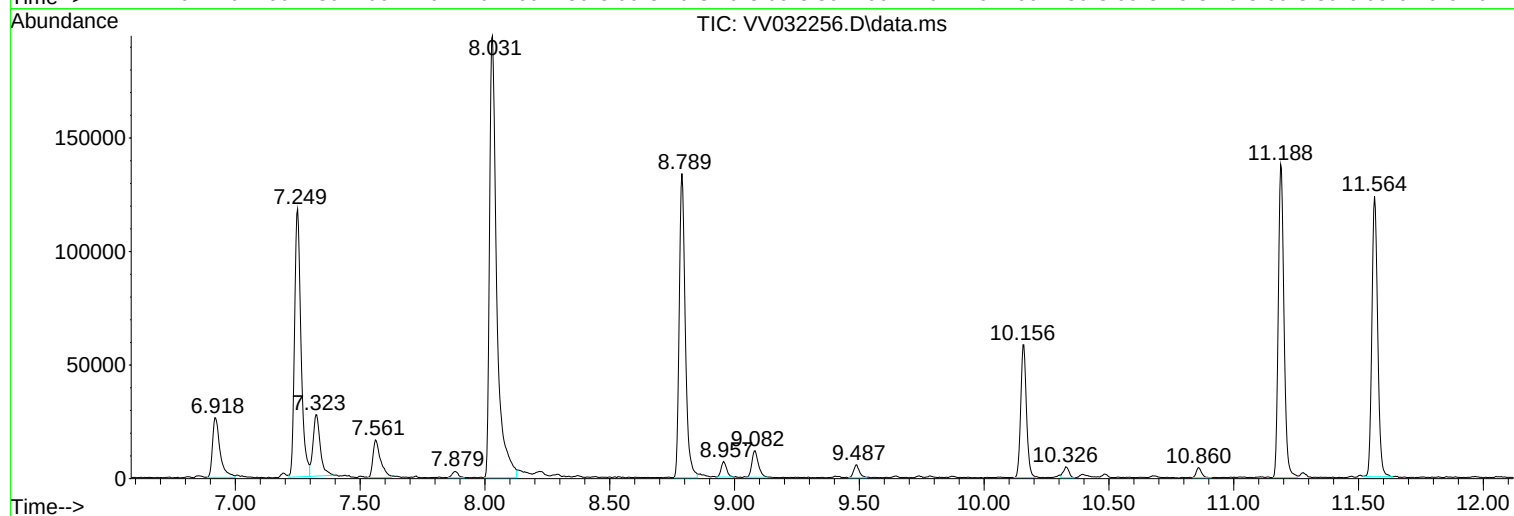
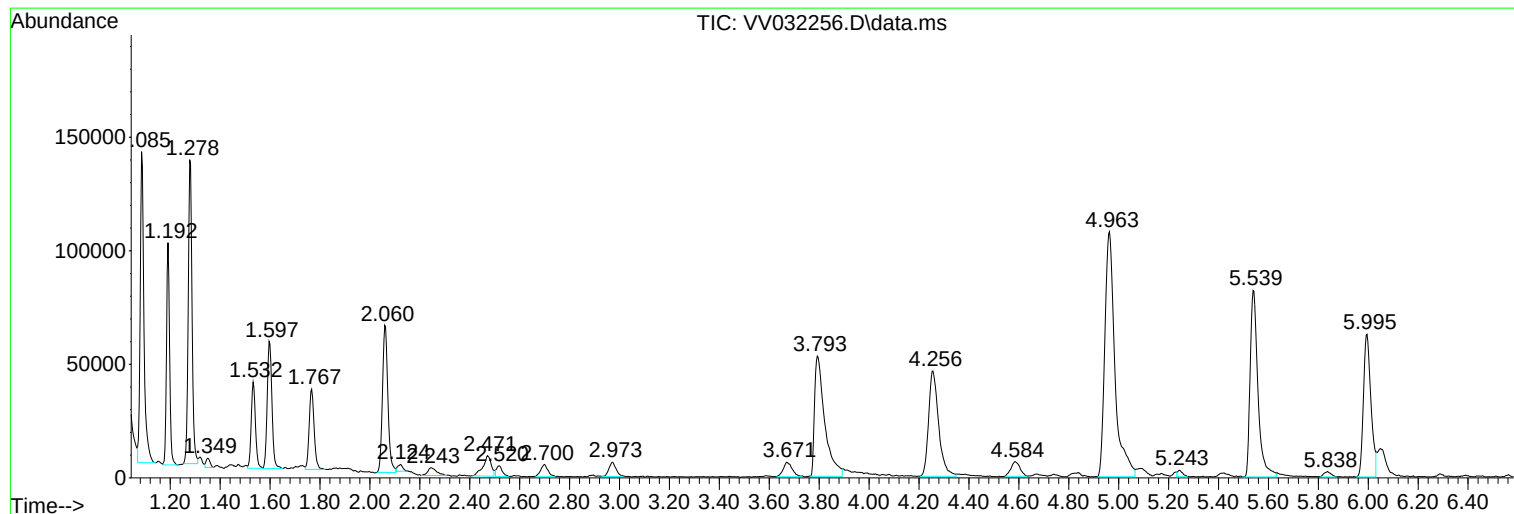
Sum of corrected areas: 3172108

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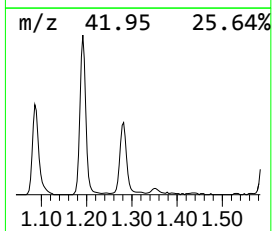
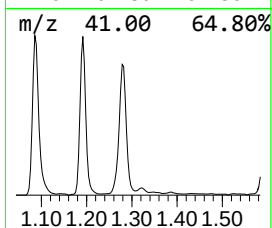
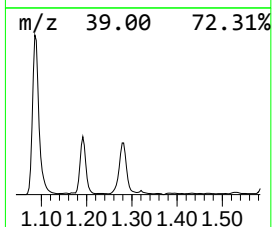
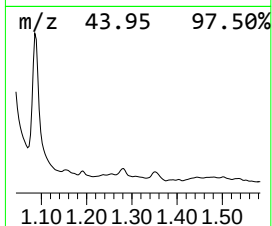
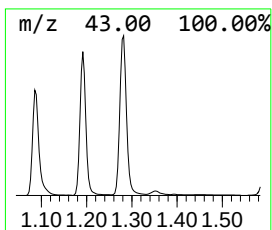
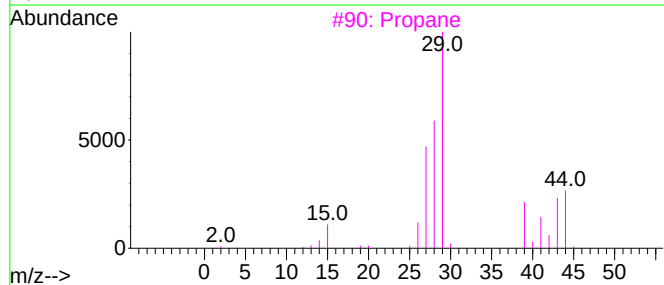
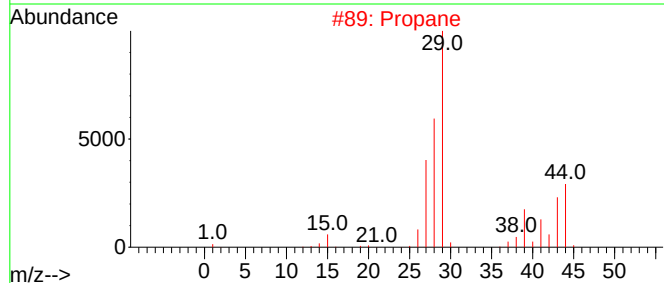
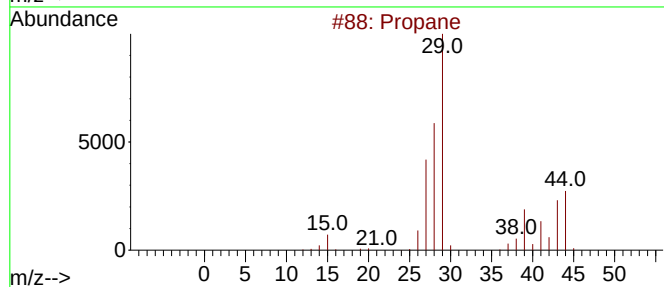
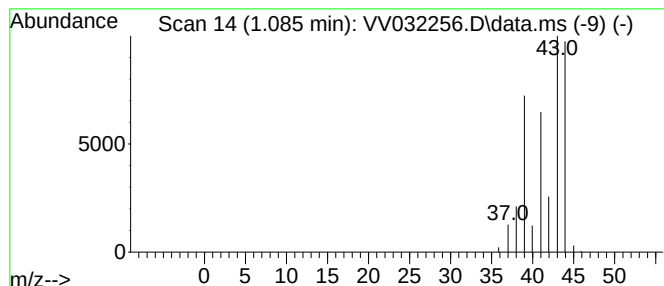
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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	3.98 ug/L	142122	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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ALS Vial : 15 Sample Multiplier: 1

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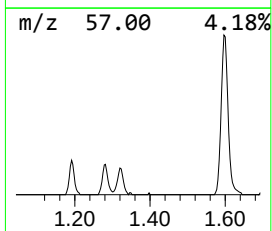
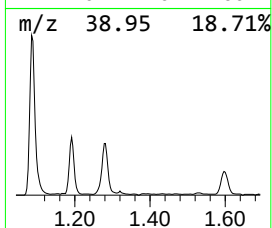
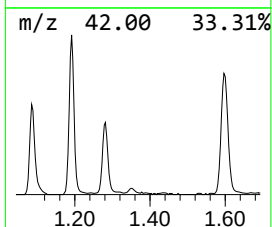
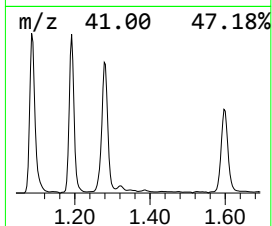
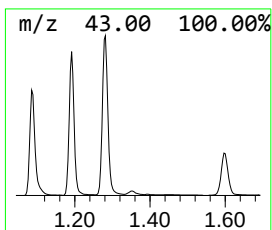
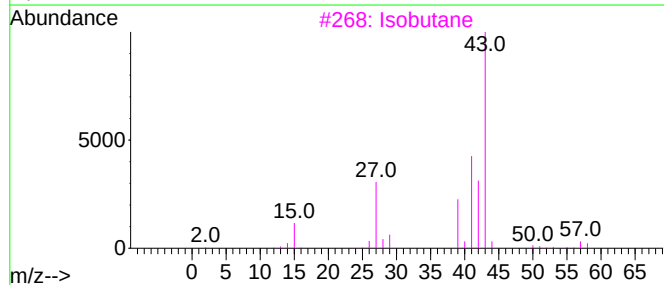
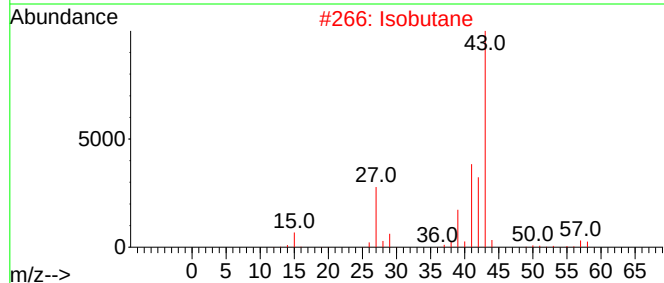
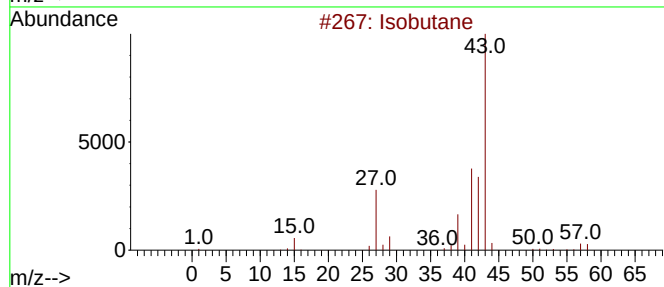
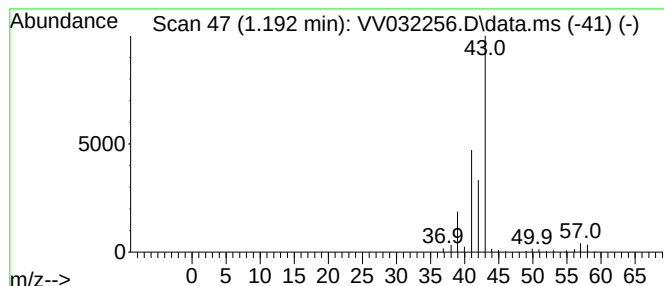
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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.
1.192	2.43 ug/L	86935	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	64
3		Isobutane	58	C4H10	000075-28-5	50
4		Isobutane	58	C4H10	000075-28-5	45
5		Isobutane	58	C4H10	000075-28-5	9



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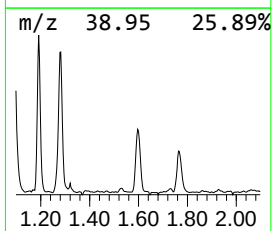
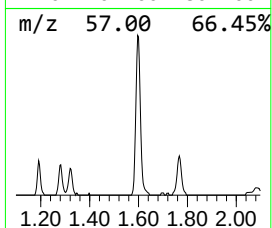
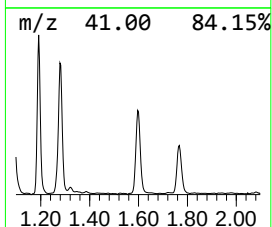
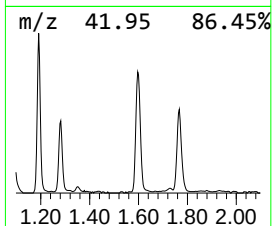
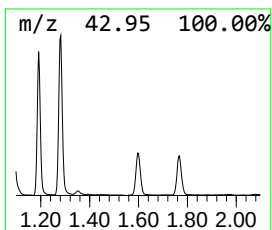
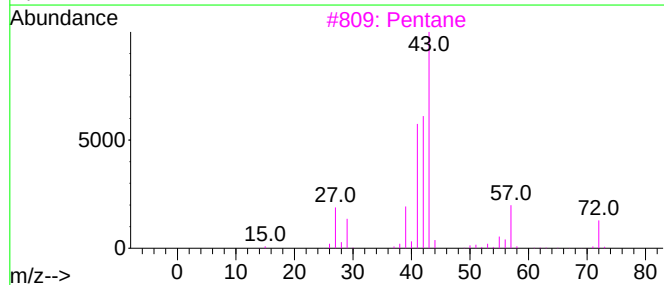
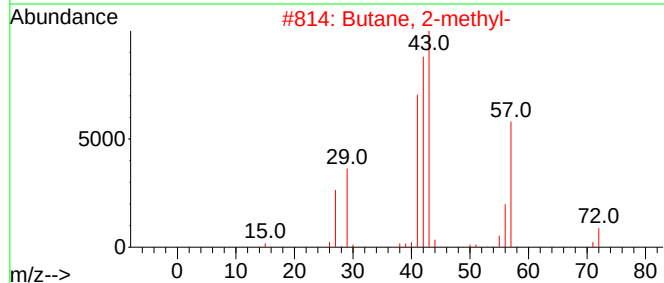
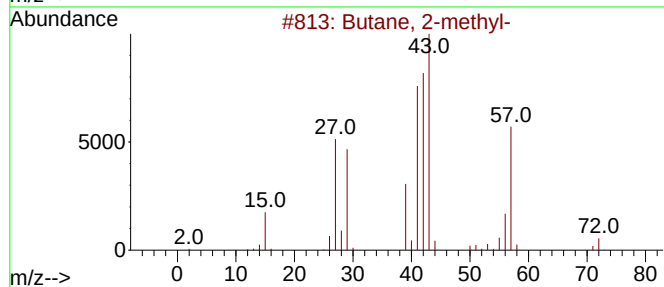
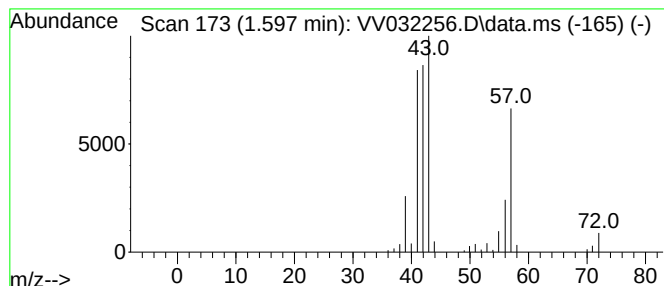
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.597	2.01 ug/L	71839	1,4-Difluorobenzene	5.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	87
2	Butane, 2-methyl-			72	C5H12	000078-78-4	87
3	Pentane			72	C5H12	000109-66-0	50
4	3-Buten-1-ol			72	C4H8O	000627-27-0	47
5	Isobutylene epoxide			72	C4H8O	000558-30-5	42



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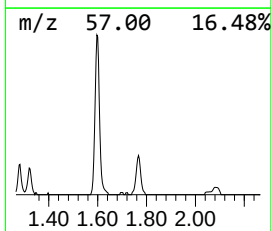
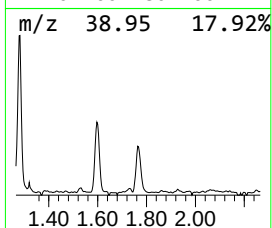
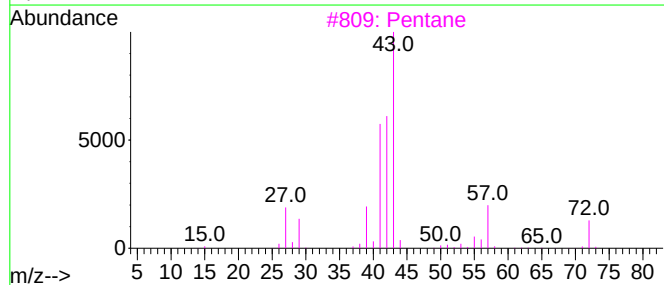
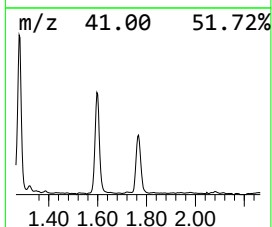
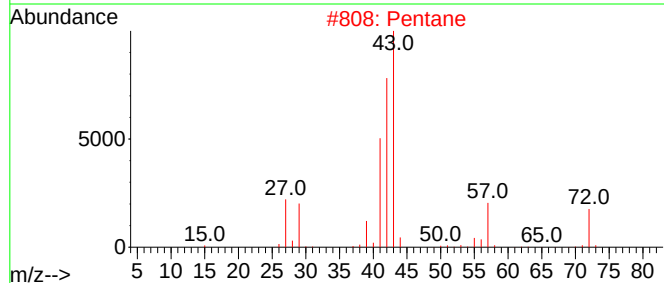
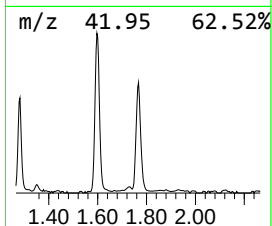
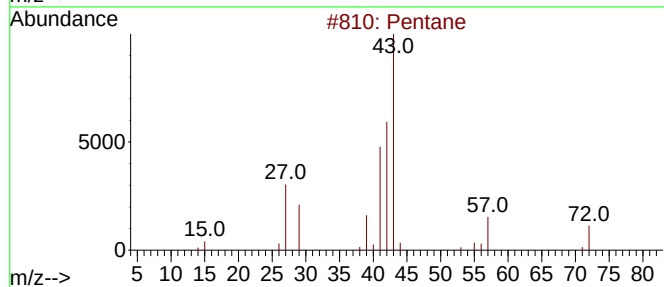
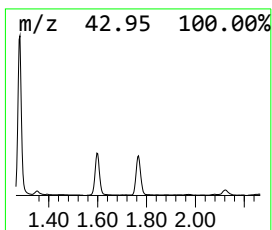
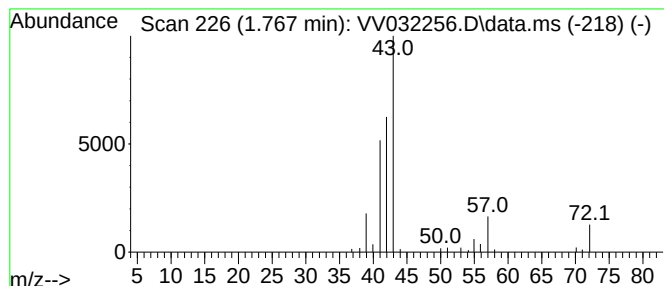
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.767	1.34 ug/L	47704	1,4-Difluorobenzene	5.539

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	86
4	Pentane			72	C5H12	000109-66-0	86
5	Pentane			72	C5H12	000109-66-0	86



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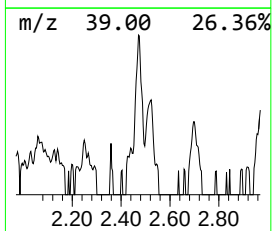
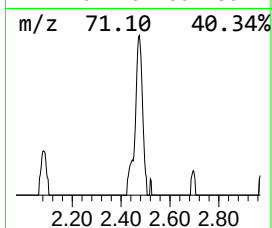
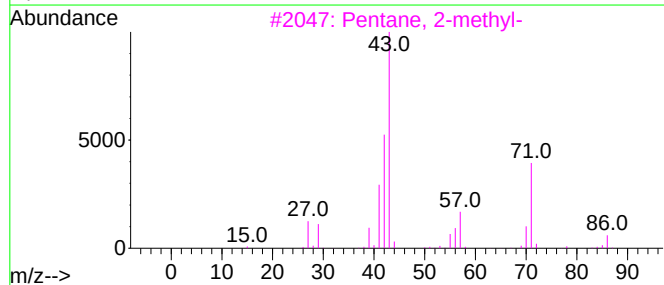
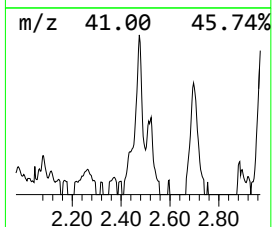
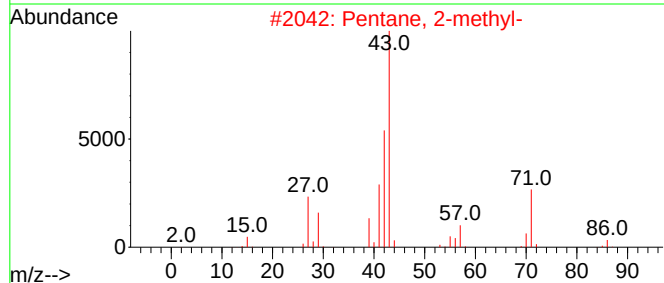
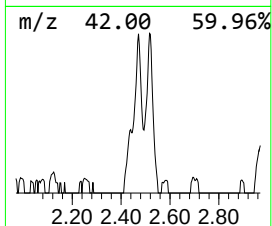
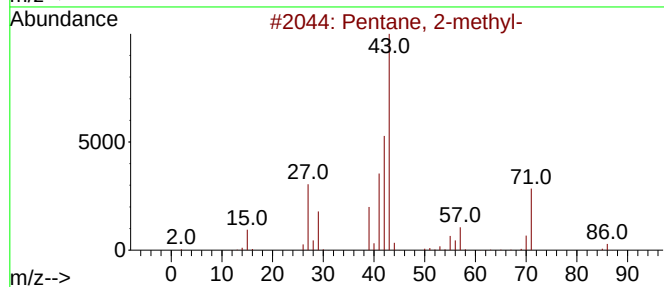
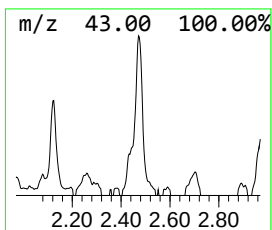
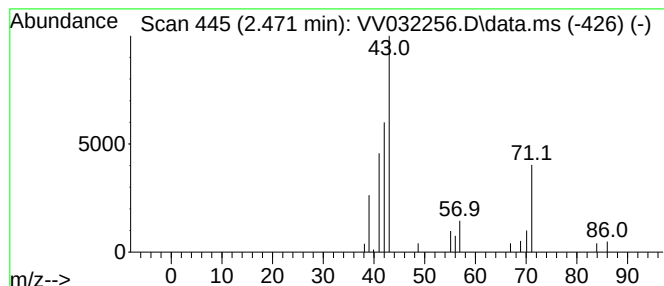
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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	0.58 ug/L	20776	1,4-Difluorobenzene	5.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	83
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	80
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	80
4			Pentane, 2-methyl-	86	C6H14	000107-83-5	80
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
Data File : VV032256.D
Acq On : 05 Oct 2023 15:20
Operator : SY/MD
Sample : 04748-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX859

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	4.0	ug/L	142122	1	5.539	178529	5.0
(DEL)	Alkane: S...	1.192	2.4	ug/L	86935	1	5.539	178529	5.0
(DEL)	Alkane: S...	1.597	2.0	ug/L	71839	1	5.539	178529	5.0
(DEL)	Alkane: S...	1.767	1.3	ug/L	47704	1	5.539	178529	5.0
(DEL)	Alkane: S...	2.471	0.6	ug/L	20776	1	5.539	178529	5.0