LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
Data File : VU058576.D
Acq On : 10 Apr 2024 22:25
Operator : MD/SY
Sample : P2014-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0MC9

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_U\Method\SFAMUTR040424WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU058576.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.351	12	19	49	rBV	3516187	3573785	100.00%	45.254%
2	1.483	51	60	76	rVB	702784	702795	19.67%	8.899%
3	1.596	86	95	107	rBV2	910853	991337	27.74%	12.553%
4	1.908	183	192	203	rVB	30373	39029	1.09%	0.494%
5	1.988	207	217	234	rVB	143555	198436	5.55%	2.513%
6	2.197	272	282	299	rVB	84314	120296	3.37%	1.523%
7	2.560	382	395	412	rBV	51434	88671	2.48%	1.123%
8	3.126	561	571	586	rVB	30479	61007	1.71%	0.773%
9	4.522	989	1005	1022	rVB3	26785	65212	1.82%	0.826%
10	4.653	1027	1046	1080	rBV2	42338	157526	4.41%	1.995%
11	5.052	1155	1170	1196	rBV	48466	108844	3.05%	1.378%
12	5.380	1256	1272	1288	rBV2	32897	73299	2.05%	0.928%
13	5.718	1359	1377	1407	rBV2	99088	258025	7.22%	3.267%
14	6.242	1527	1540	1565	rBV	103614	201483	5.64%	2.551%
15	6.682	1664	1677	1690	rBV	60651	120137	3.36%	1.521%
16	6.756	1690	1700	1714	rVB3	19376	40161	1.12%	0.509%
17	7.560	1940	1950	1971	rBV2	24075	43786	1.23%	0.554%
18	7.891	2042	2053	2071	rBV	112045	196033	5.49%	2.482%
19	8.631	2270	2283	2316	rBV2	89187	192613	5.39%	2.439%
20	9.412	2514	2526	2549	rBV	148765	252323	7.06%	3.195%
21	10.750	2931	2942	2959	rVB	34605	56861	1.59%	0.720%
22	11.807	3260	3271	3293	rBV	126161	210738	5.90%	2.669%
23	12.187	3378	3389	3405	rBV	84960	144720	4.05%	1.833%

Sum of corrected areas: 7897117

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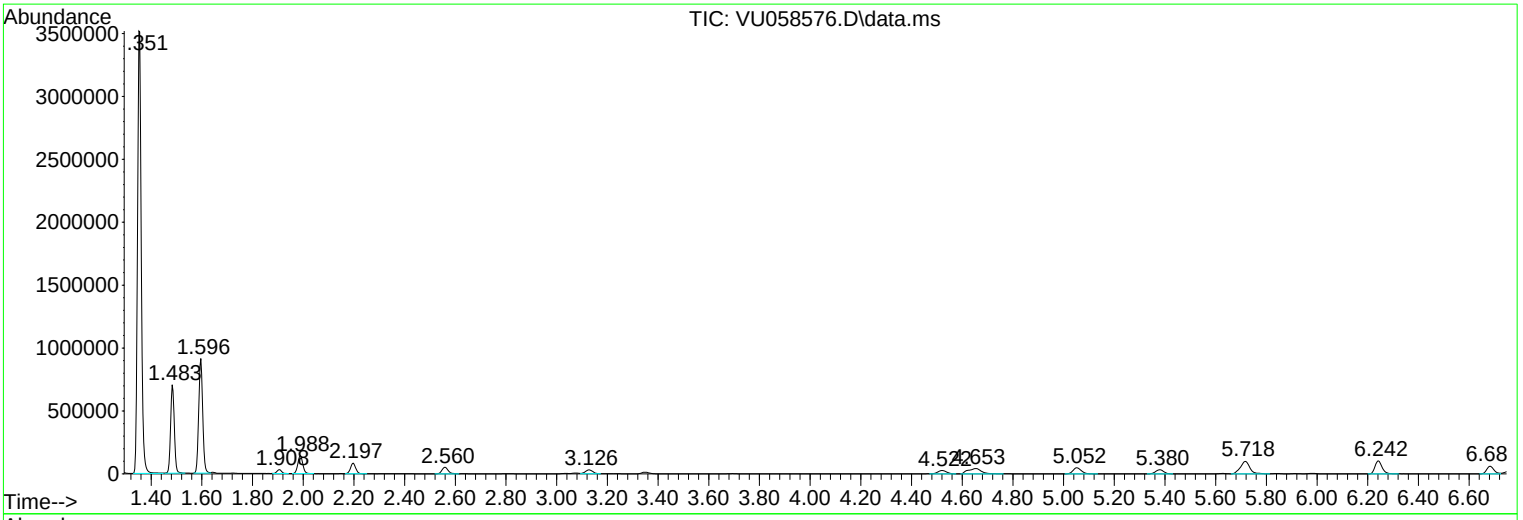
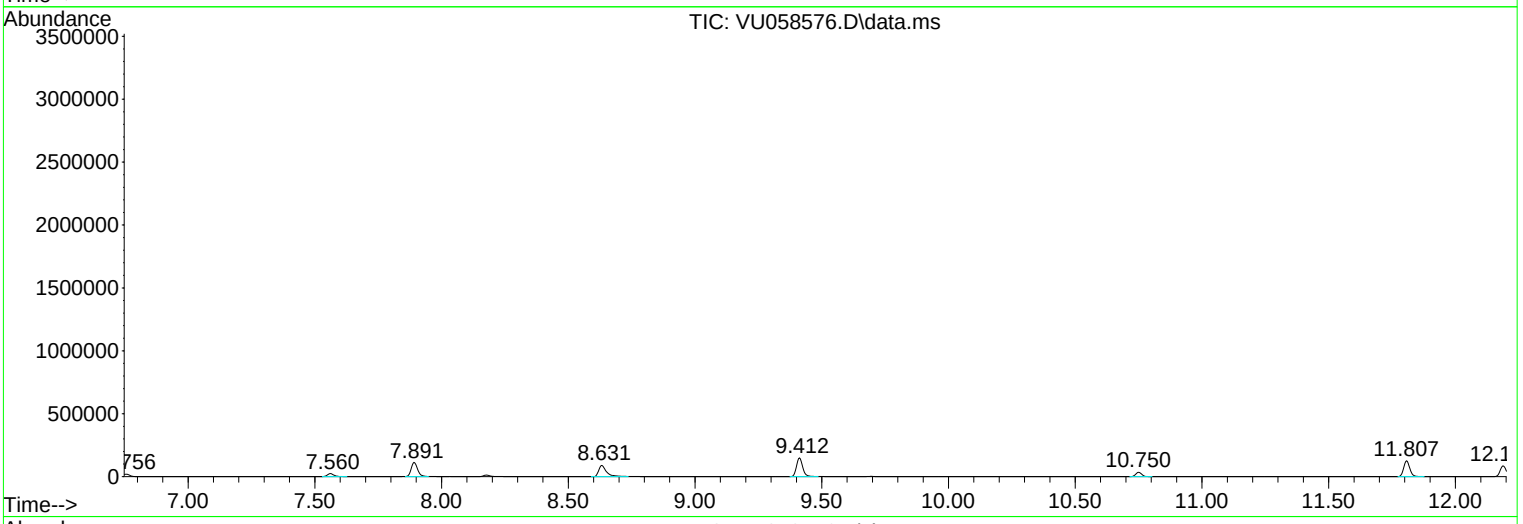
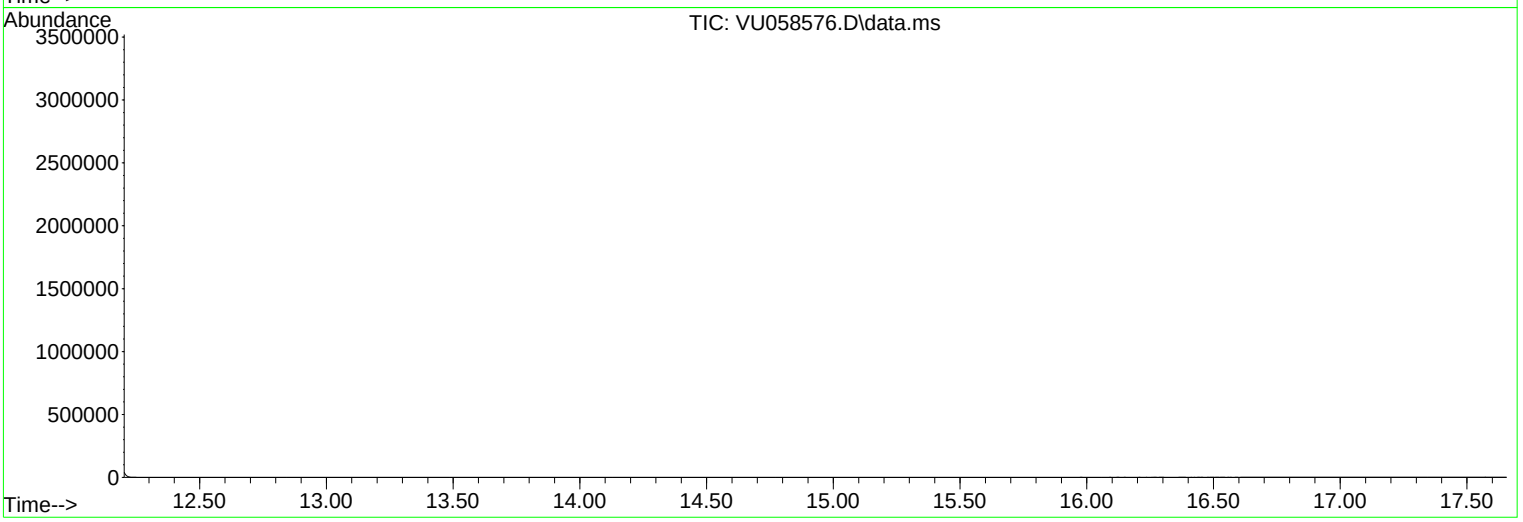
Instrument :
MSVOA_U
ClientSampleId :
E0MC9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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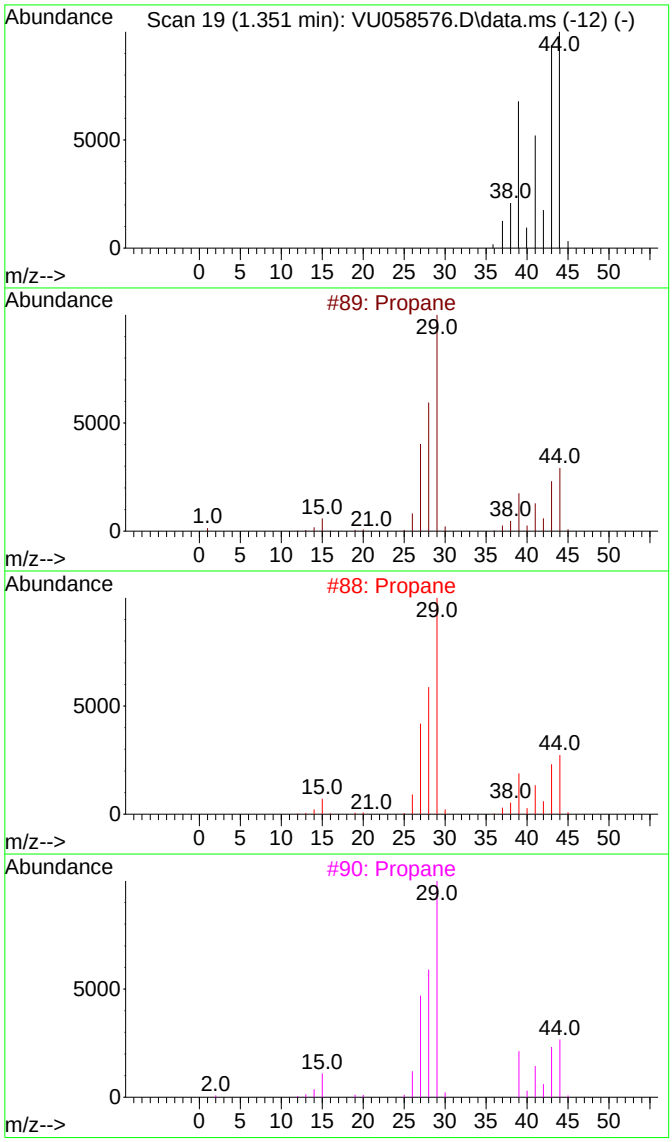
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

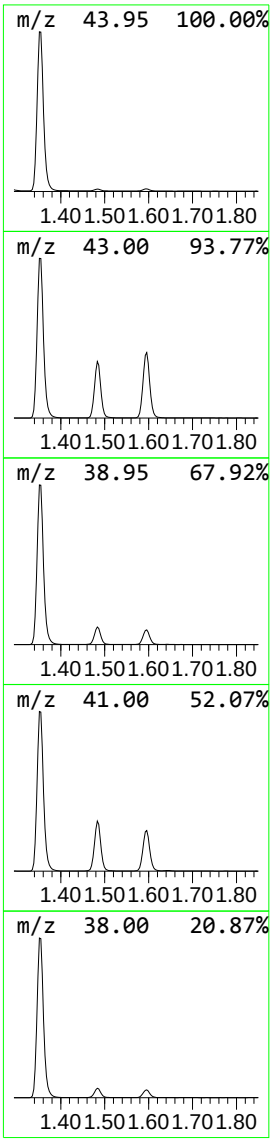
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.351	88.69 ug/L	3573790	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	83
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	Acetaldehyde	44	C2H4O	000075-07-0	5





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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0MC9

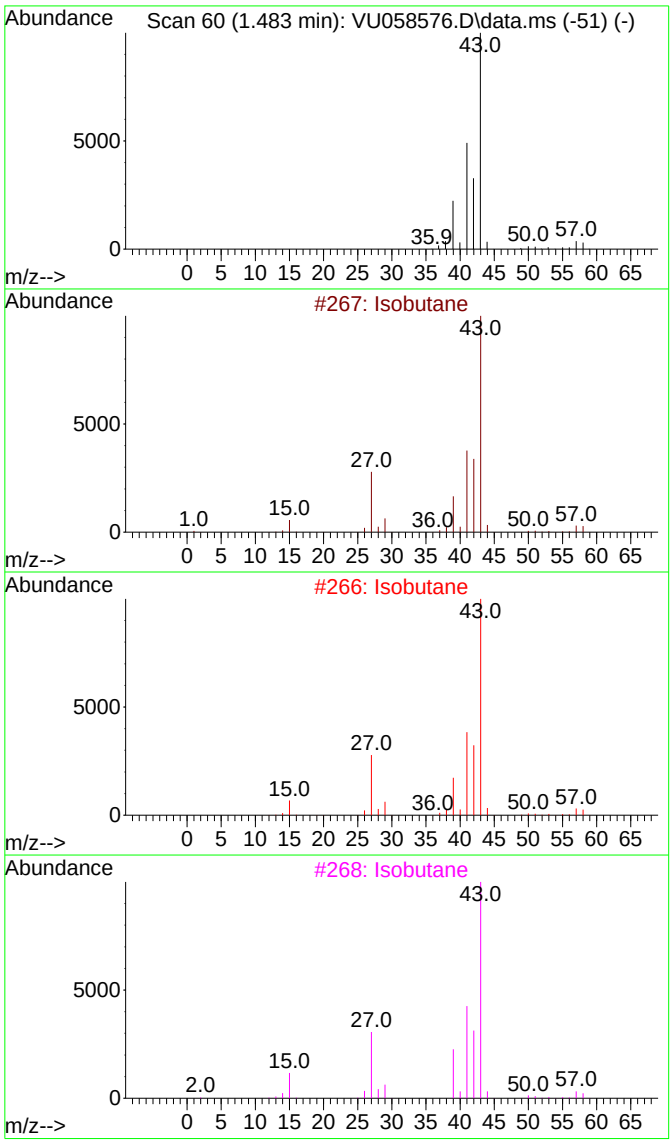
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

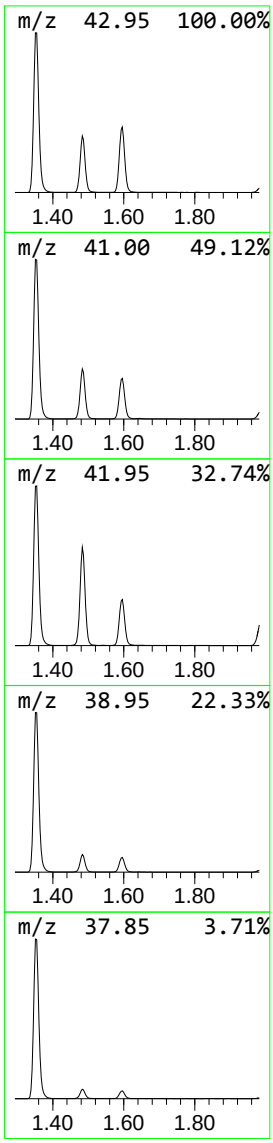
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.483	17.44 ug/L	702795	1,4-Difluorobenzene	6.242

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	53
5	Isobutane	58	C4H10	000075-28-5	45





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Data File : VU058576.D
Acq On : 10 Apr 2024 22:25
Operator : MD/SY
Sample : P2014-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0MC9

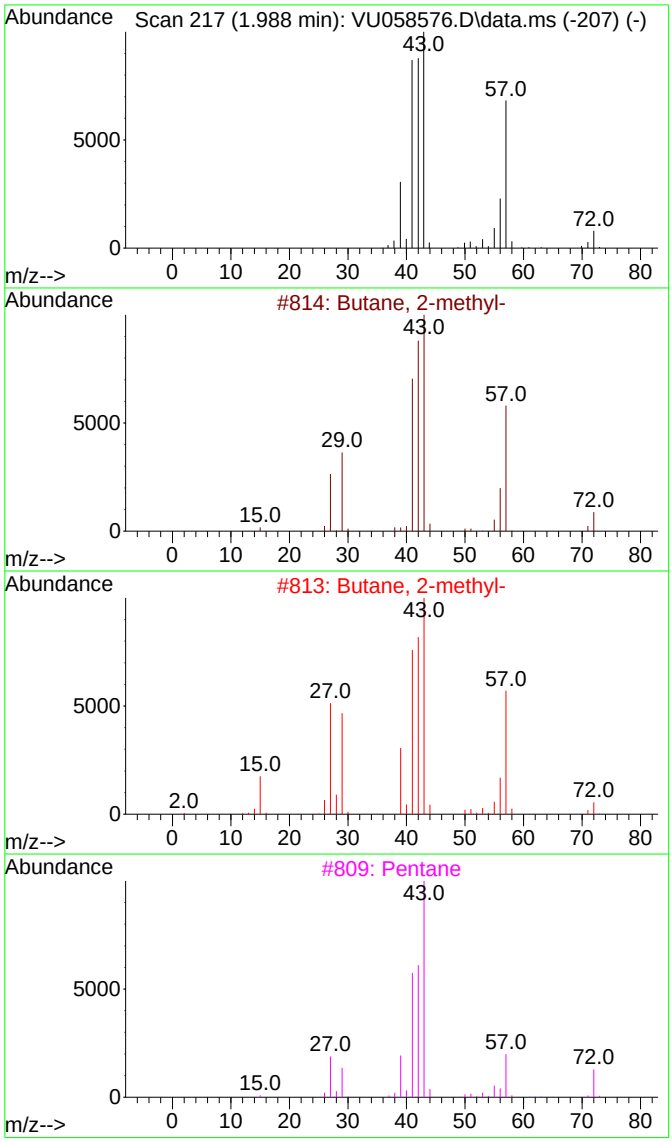
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

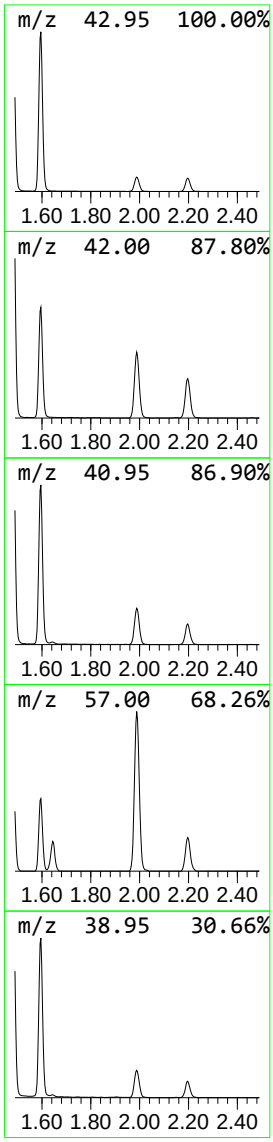
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.988	4.92 ug/L	198436	1,4-Difluorobenzene	6.242

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	64
4	3-Buten-1-ol	72	C4H8O	000627-27-0	50
5	1-Butene	56	C4H8	000106-98-9	14





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Data File : VU058576.D
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Operator : MD/SY
Sample : P2014-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0MC9

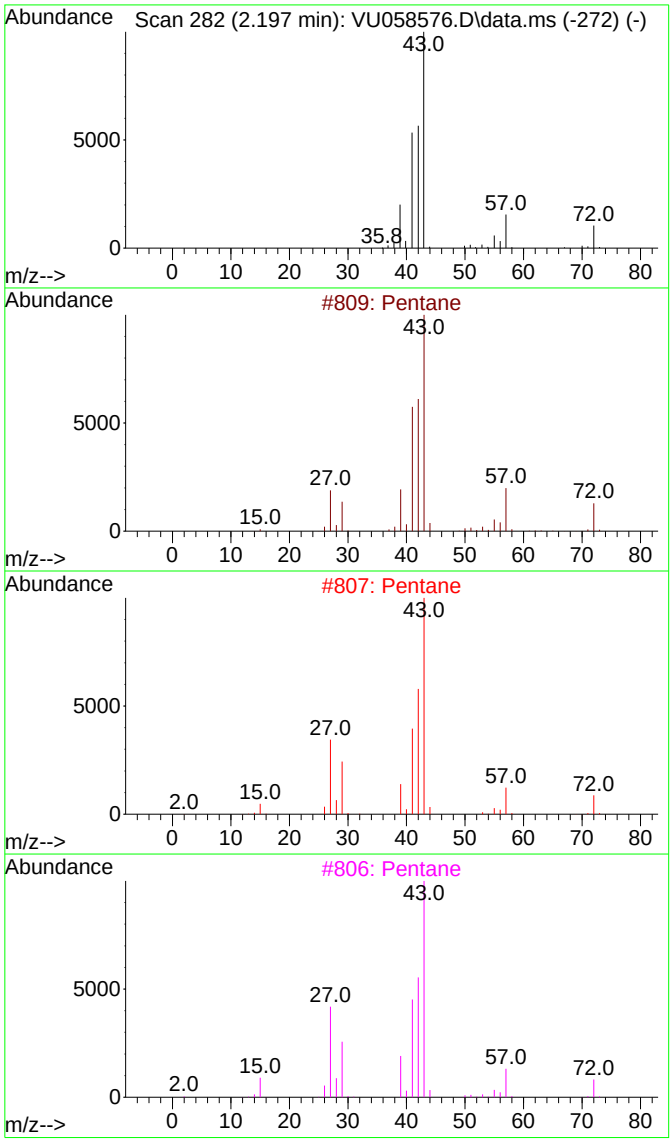
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

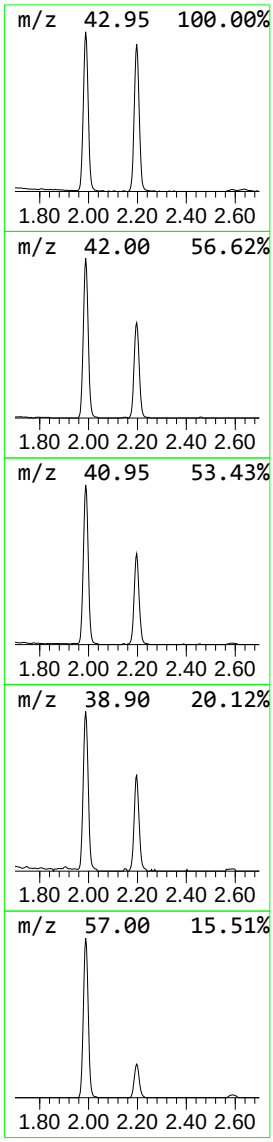
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.197	2.99 ug/L	120296	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
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	64





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Sample : P2014-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0MC9

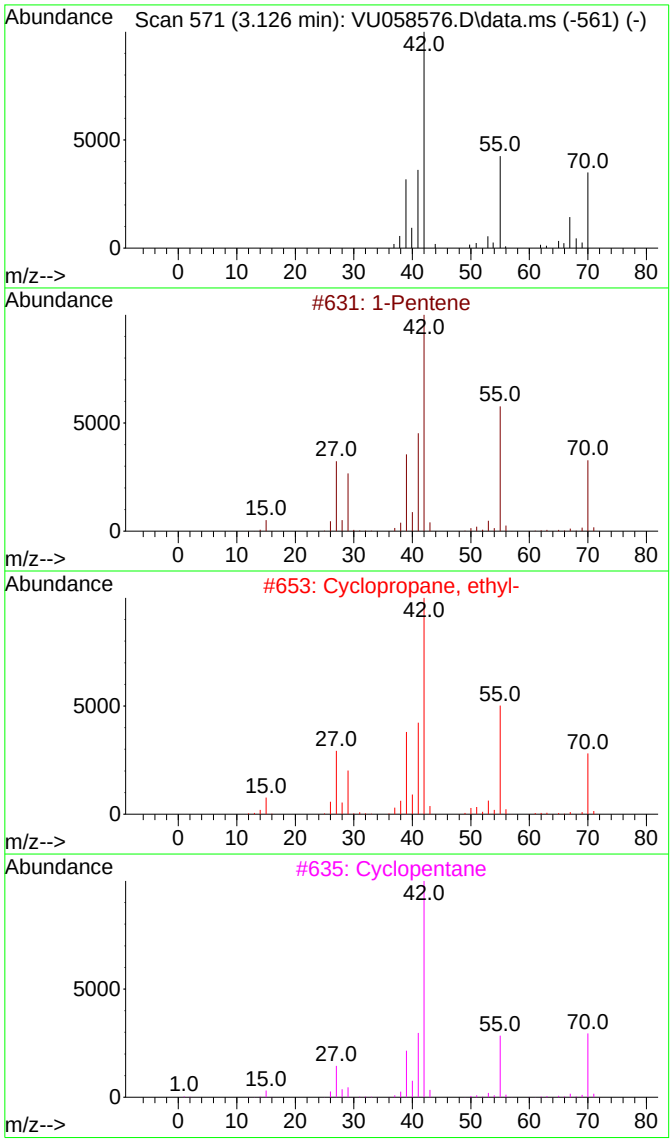
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

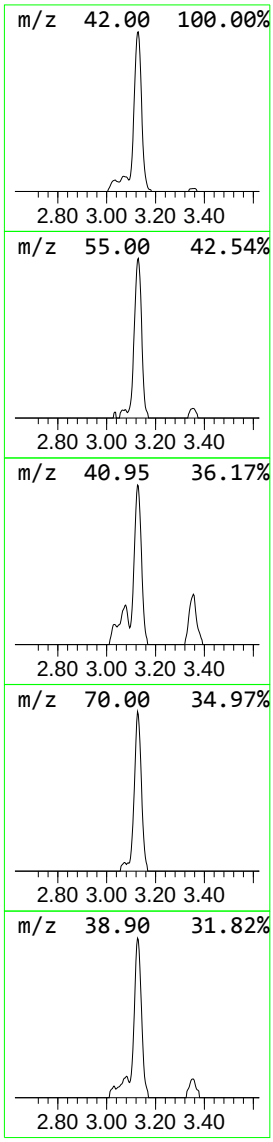
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.126	1.51 ug/L	61007	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	80
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72
3	Cyclopentane	70	C5H10	000287-92-3	72
4	1-Pentene	70	C5H10	000109-67-1	59
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	50





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Instrument :
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ClientSampleId :
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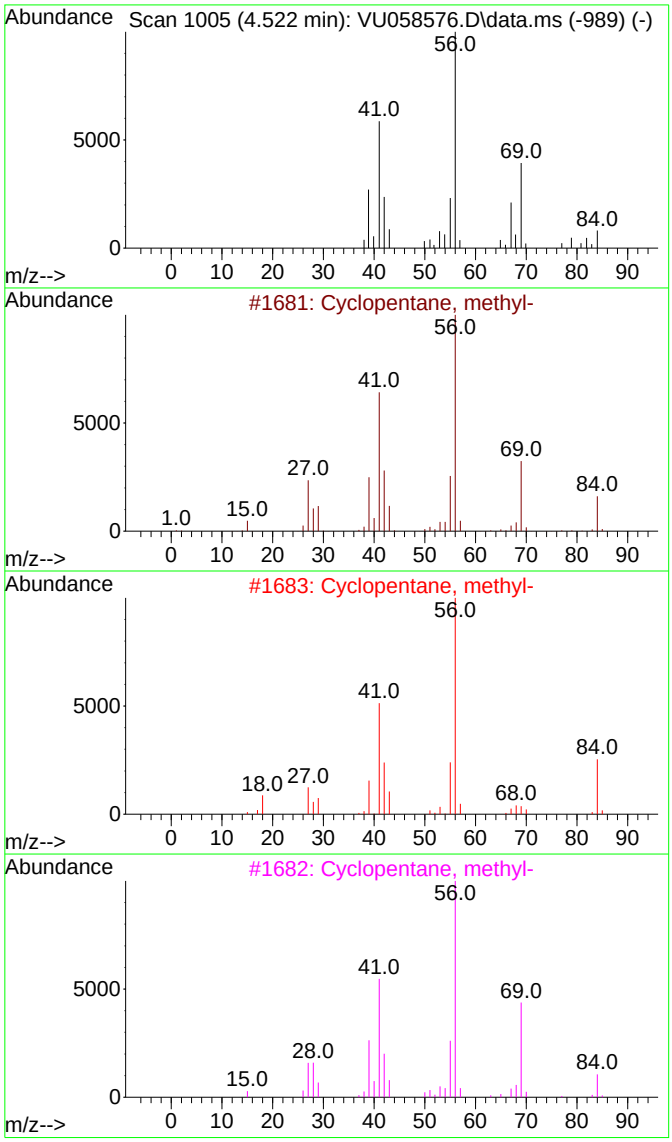
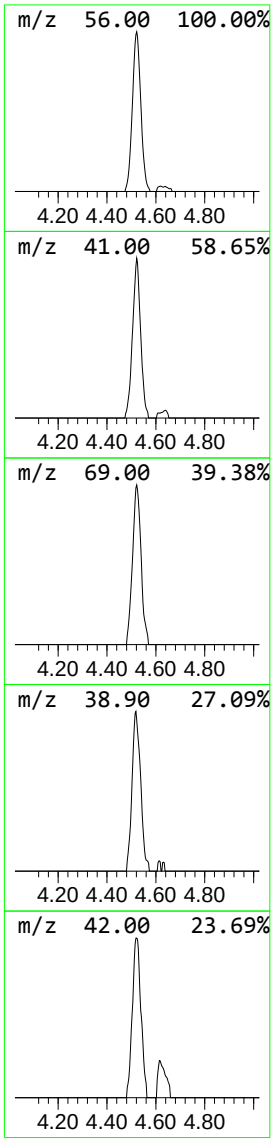
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic4.522 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.522	1.62 ug/L	65212	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	58
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	58
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	52
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.351	88.7	ug/L	3573790	1	6.242	201483	5.0
(DEL) Alkane: S...	1.483	17.4	ug/L	702795	1	6.242	201483	5.0
(DEL) Alkane: S...	1.988	4.9	ug/L	198436	1	6.242	201483	5.0
(DEL) Alkane: S...	2.197	3.0	ug/L	120296	1	6.242	201483	5.0
(DEL) Alkane: S...	3.126	1.5	ug/L	61007	1	6.242	201483	5.0
(DEL) Alkane: C...	4.522	1.6	ug/L	65212	1	6.242	201483	5.0