LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042122\
Data File : VV025667.D
Acq On : 21 Apr 2022 15:24
Operator : SY/MD
Sample : N2492-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6W2

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\SFAMVTR040822WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV025667.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.114	17	23	39	rVB	161520	158685	29.45%	3.466%
2	1.221	50	56	62	rBV	35043	32547	6.04%	0.711%
3	1.311	74	84	95	rBV2	175375	230972	42.86%	5.044%
4	1.420	113	118	129	rVB2	11335	14649	2.72%	0.320%
5	1.571	157	165	175	rVB	84592	98076	18.20%	2.142%
6	1.639	178	186	196	rVB	37363	47139	8.75%	1.029%
7	1.774	219	228	234	rBV	26525	35290	6.55%	0.771%
8	1.812	234	240	257	rVB3	35921	60108	11.15%	1.313%
9	2.114	322	334	356	rVB	152018	227699	42.25%	4.973%
10	3.912	880	893	948	rBV	42522	191468	35.53%	4.182%
11	4.352	1014	1030	1059	rBV	97253	245402	45.54%	5.359%
12	5.050	1229	1247	1276	rBV2	211094	538878	100.00%	11.769%
13	5.619	1413	1424	1451	rBV2	101515	218998	40.64%	4.783%
14	6.072	1552	1565	1599	rBV	122179	267662	49.67%	5.846%
15	6.989	1839	1850	1874	rBV2	53197	101793	18.89%	2.223%
16	7.317	1940	1952	1969	rBV	241857	418311	77.63%	9.136%
17	7.394	1969	1976	1990	rVB3	11053	22438	4.16%	0.490%
18	7.625	2039	2048	2070	rBV2	28929	57357	10.64%	1.253%
19	7.976	2146	2157	2174	rVB2	63091	106720	19.80%	2.331%
20	8.092	2180	2193	2229	rBV	207614	440977	81.83%	9.631%
21	8.854	2417	2430	2454	rBV	169969	286945	53.25%	6.267%
22	10.214	2842	2853	2872	rBV	81491	131314	24.37%	2.868%
23	11.246	3164	3174	3192	rBV	163771	259862	48.22%	5.675%
24	11.622	3280	3291	3309	rBV	234308	360976	66.99%	7.884%
25	17.091	4984	4992	5002	rBV	16325	24592	4.56%	0.537%

Sum of corrected areas: 4578858

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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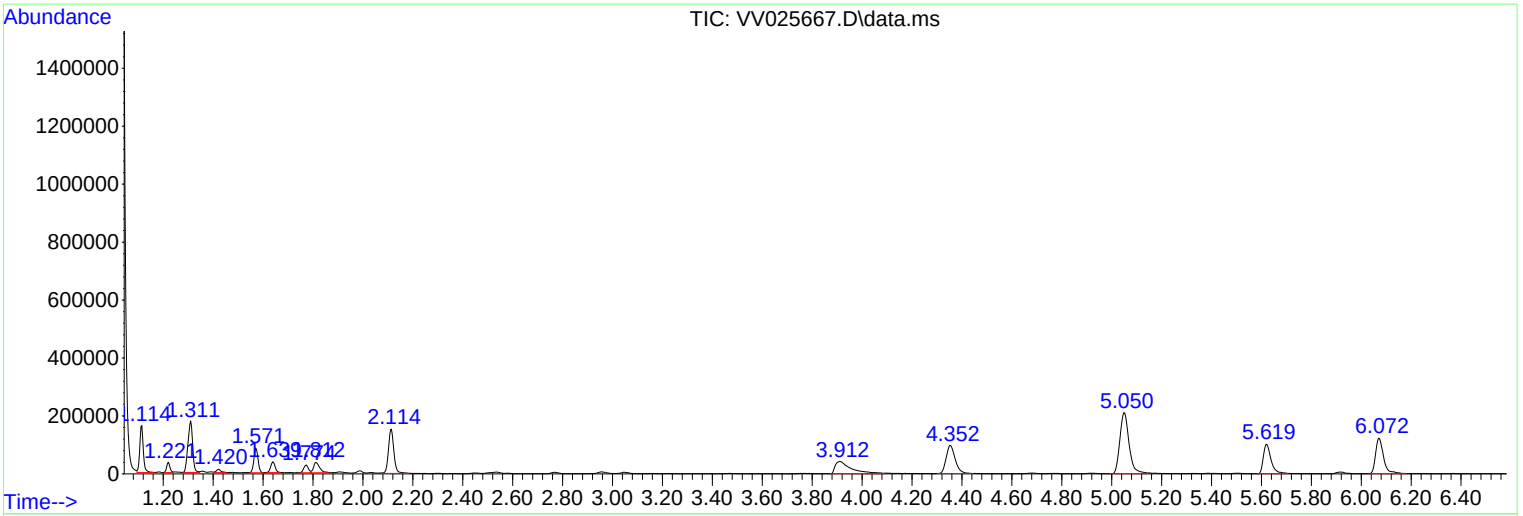
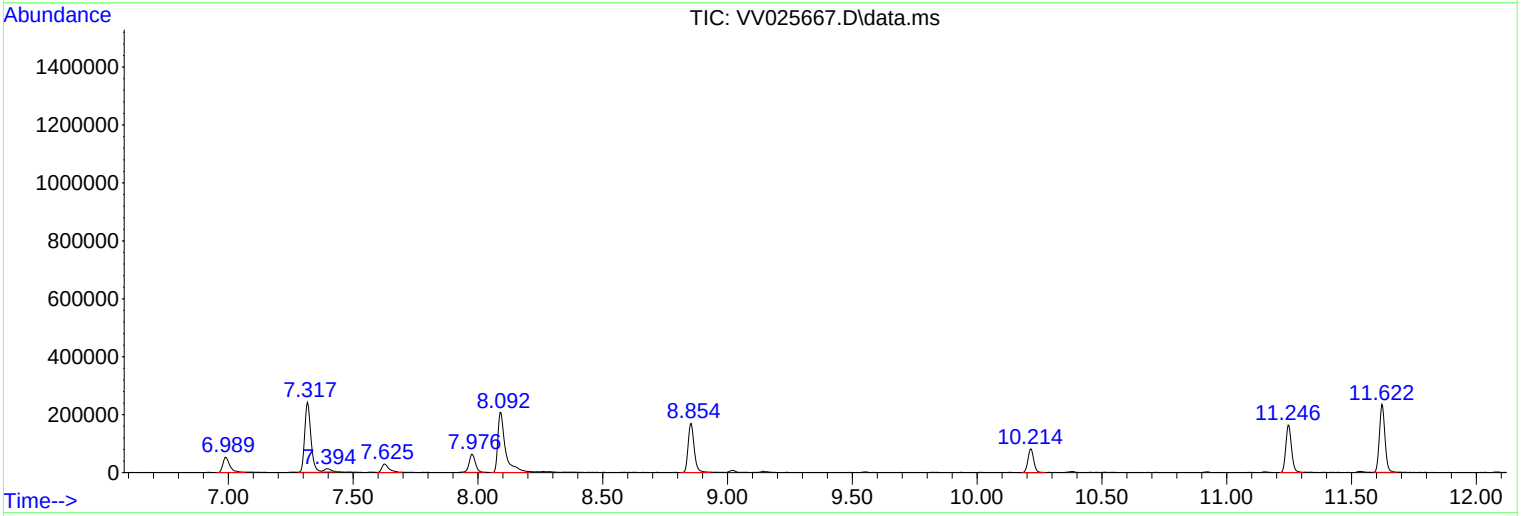
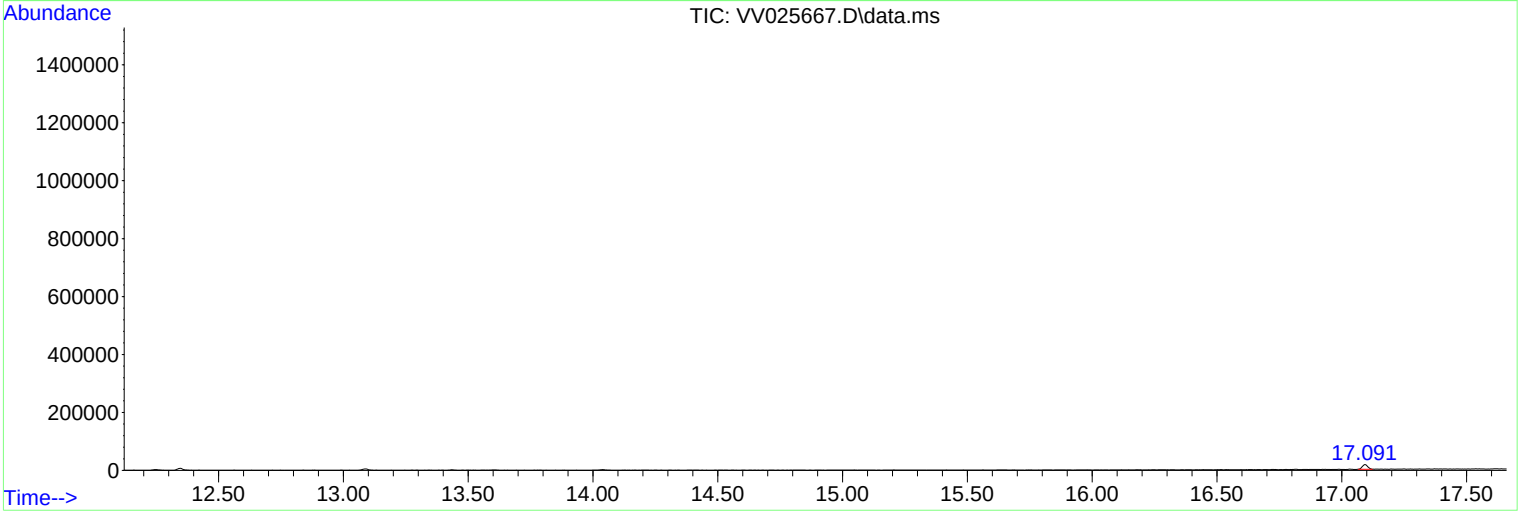
ClientSampleId :
EW6W2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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ClientSampleId :
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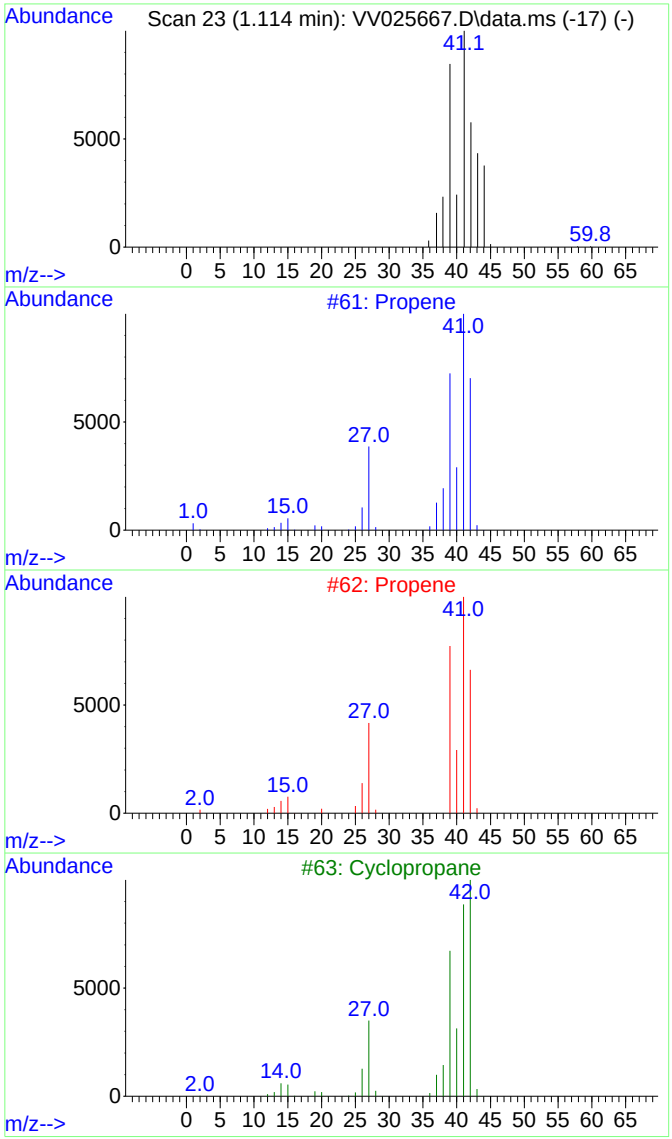
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

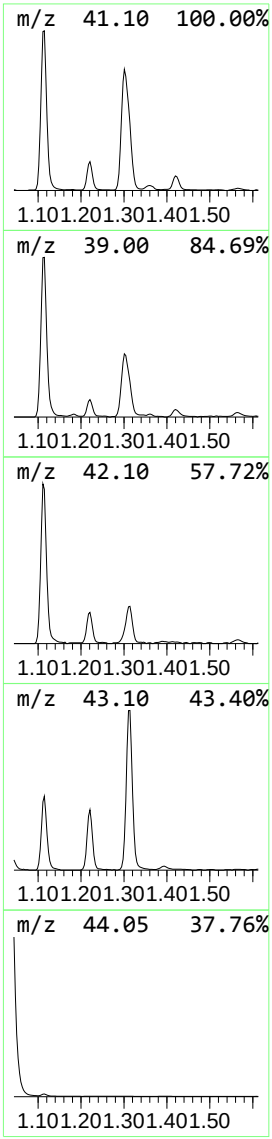
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.114	3.62 ug/L	158685	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	40
4	Cyclopropane	42	C3H6	000075-19-4	7
5	Cyclopropene	40	C3H4	002781-85-3	5





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Operator : SY/MD
Sample : N2492-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6W2

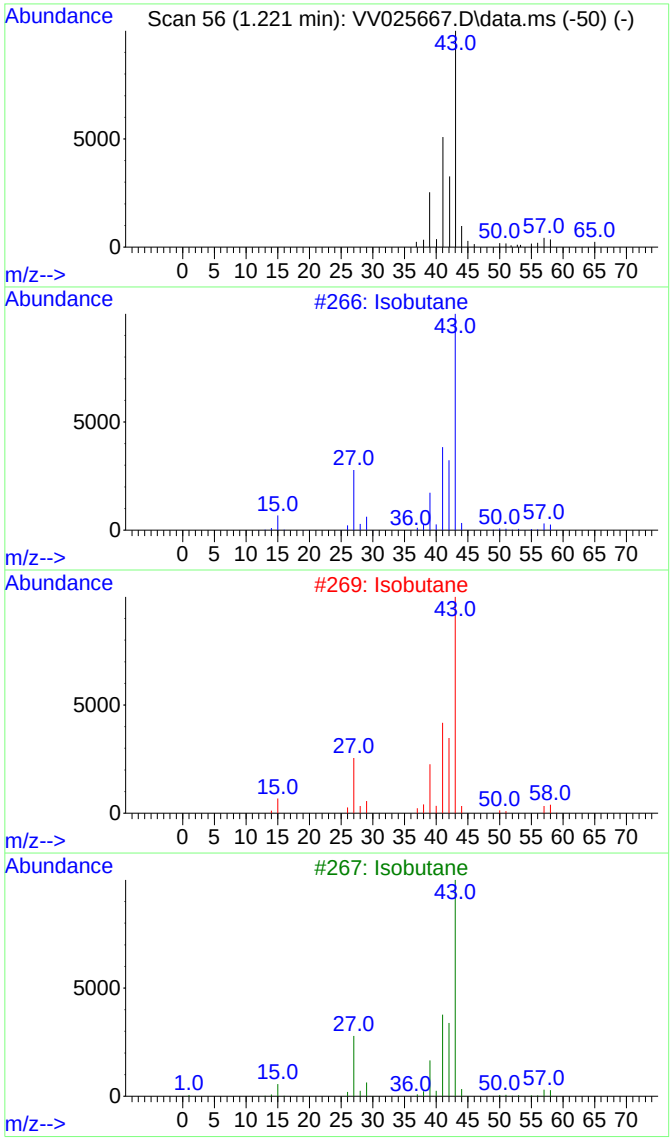
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

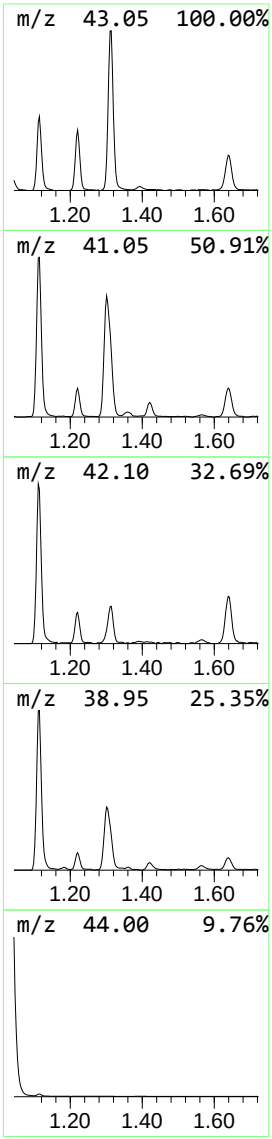
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.221	0.74 ug/L	32547	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	59
2	Isobutane	58	C4H10	000075-28-5	59
3	Isobutane	58	C4H10	000075-28-5	45
4	Isobutane	58	C4H10	000075-28-5	45
5	Isobutane	58	C4H10	000075-28-5	9





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Data File : VV025667.D
Acq On : 21 Apr 2022 15:24
Operator : SY/MD
Sample : N2492-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6W2

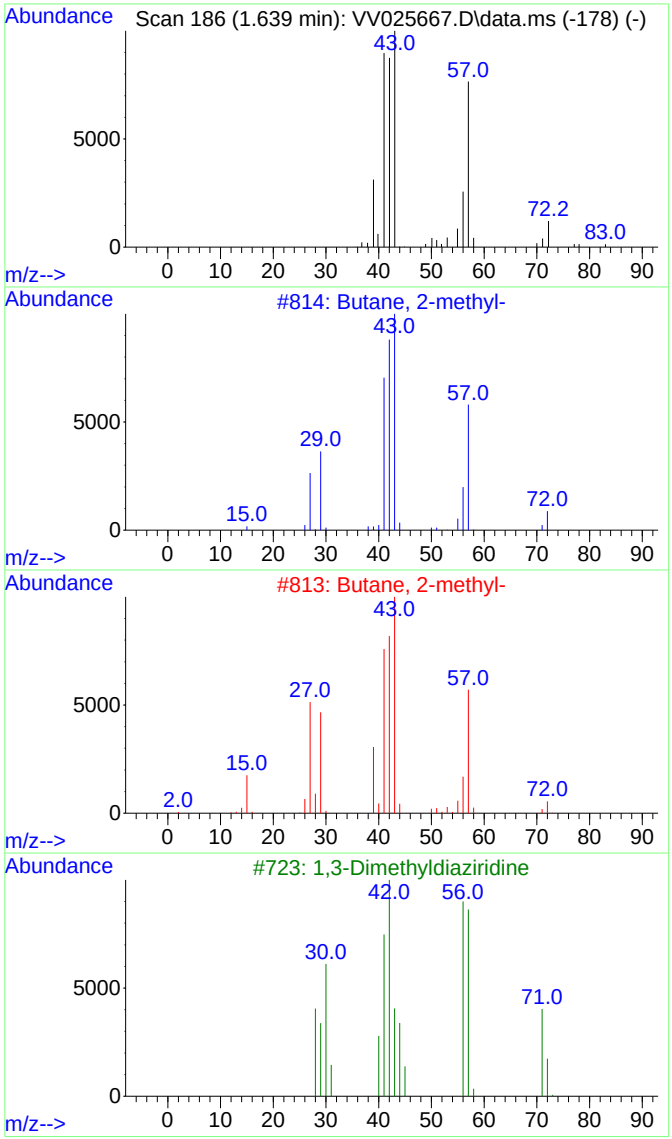
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

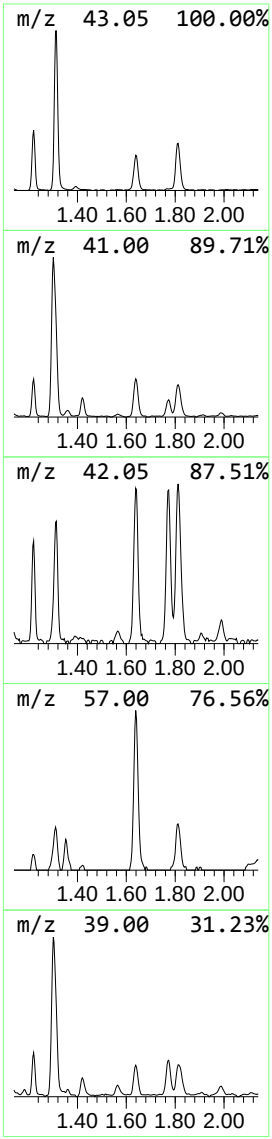
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.639	1.08 ug/L	47139	1,4-Difluorobenzene	5.619

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	83
3	1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	36
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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Operator : SY/MD
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6W2

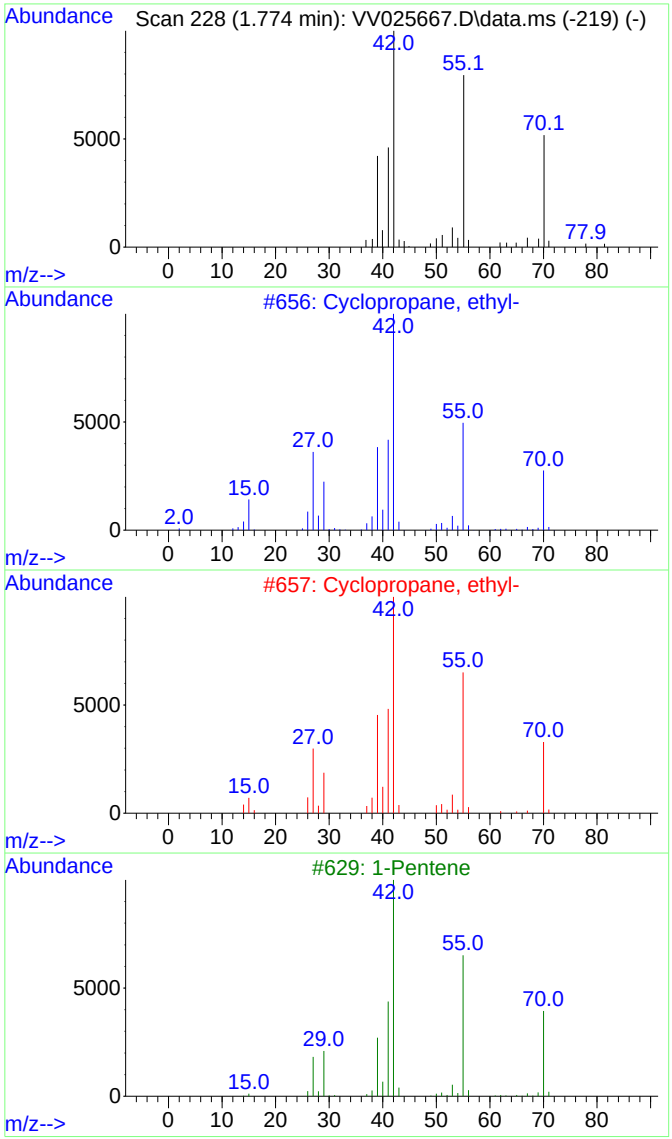
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

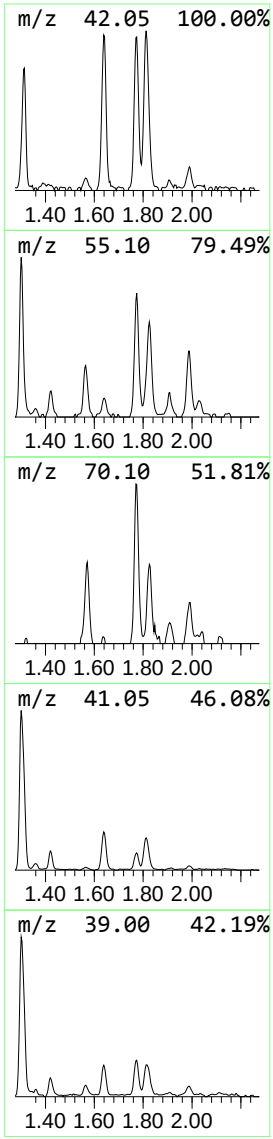
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic1.774 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.774	0.81 ug/L	35290	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	83
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
3	1-Pentene	70	C5H10	000109-67-1	64
4	1-Pentene	70	C5H10	000109-67-1	64
5	Cyclopentane	70	C5H10	000287-92-3	58





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6W2

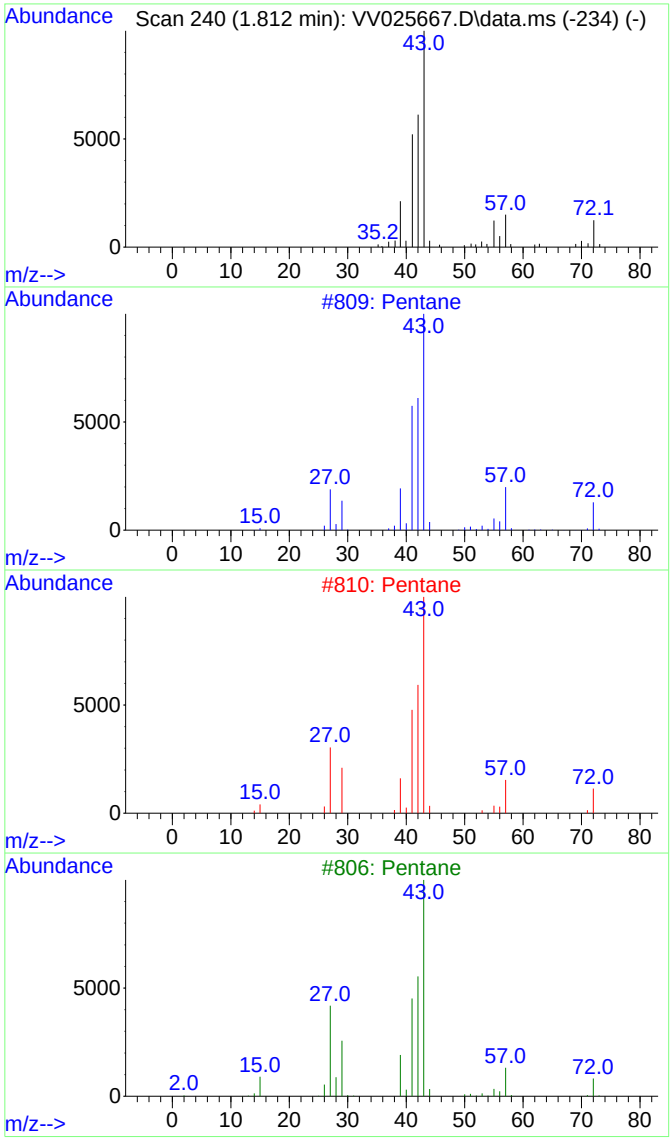
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

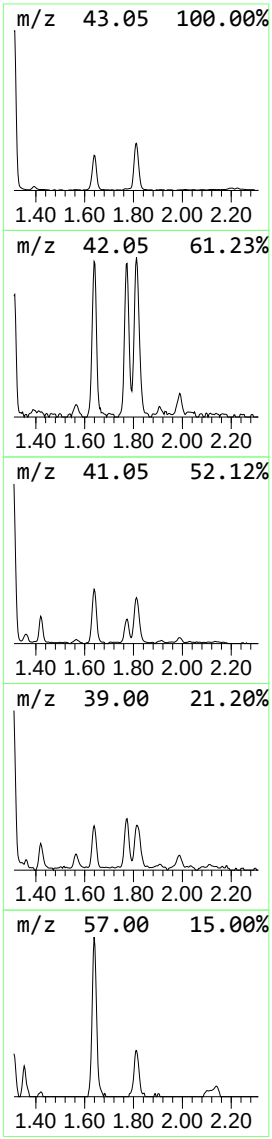
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.812	1.37 ug/L	60108	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	72
4	Pentane	72	C5H12	000109-66-0	72
5	Pentane	72	C5H12	000109-66-0	59





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...	1.114	3.6	ug/L	158685	1	5.619	218998	5.0
(DEL) Alkane: S...	1.221	0.7	ug/L	32547	1	5.619	218998	5.0
(DEL) Alkane: S...	1.639	1.1	ug/L	47139	1	5.619	218998	5.0
(DEL) Alkane: C...	1.774	0.8	ug/L	35290	1	5.619	218998	5.0
(DEL) Alkane: S...	1.812	1.4	ug/L	60108	1	5.619	218998	5.0