LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
Data File : VU055472.D
Acq On : 22 Sep 2023 20:17
Operator : MD/SY
Sample : 04579-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYHZ5

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\SFAMUTR091923WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU055472.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.358	14	21	39	rVB	326489	340508	5.25%	1.138%
2	1.490	54	62	75	rBV	554051	537850	8.30%	1.797%
3	1.599	87	96	106	rBV	3220060	3433453	52.97%	11.471%
4	1.647	106	111	120	rVB	78513	98788	1.52%	0.330%
5	1.911	184	193	207	rBV	138949	188921	2.91%	0.631%
6	1.991	207	218	239	rVV	4751255	6481452	100.00%	21.655%
7	2.200	275	283	305	rVB	75373	119963	1.85%	0.401%
8	2.563	384	396	425	rBV	232067	467603	7.21%	1.562%
9	3.133	558	573	596	rVV	891036	1806588	27.87%	6.036%
10	4.528	988	1007	1022	rBV2	159128	397977	6.14%	1.330%
11	4.637	1022	1041	1043	rBV	177507	385477	5.95%	1.288%
12	5.058	1156	1172	1201	rBV2	252980	571173	8.81%	1.908%
13	5.383	1252	1273	1296	rBV2	350565	808767	12.48%	2.702%
14	5.724	1358	1379	1383	rBV2	495661	1153150	17.79%	3.853%
15	5.769	1383	1393	1418	rVV	2780121	5827395	89.91%	19.470%
16	5.891	1422	1431	1447	rVB5	59376	138572	2.14%	0.463%
17	6.245	1523	1541	1564	rBV	372805	724258	11.17%	2.420%
18	6.689	1665	1679	1699	rBV	297610	604506	9.33%	2.020%
19	7.563	1939	1951	1968	rBV	141292	260902	4.03%	0.872%
20	7.894	2041	2054	2070	rBV	557572	989729	15.27%	3.307%
21	8.177	2131	2142	2160	rBV	82993	148138	2.29%	0.495%
22	8.634	2270	2284	2319	rBV3	491264	1260205	19.44%	4.210%
23	9.415	2514	2527	2554	rBV	540495	946482	14.60%	3.162%
24	10.753	2930	2943	2960	rBV	239310	390254	6.02%	1.304%
25	11.811	3259	3272	3294	rBV	566437	938359	14.48%	3.135%
26	12.190	3378	3390	3411	rBV	556390	910028	14.04%	3.040%

Sum of corrected areas: 29930498

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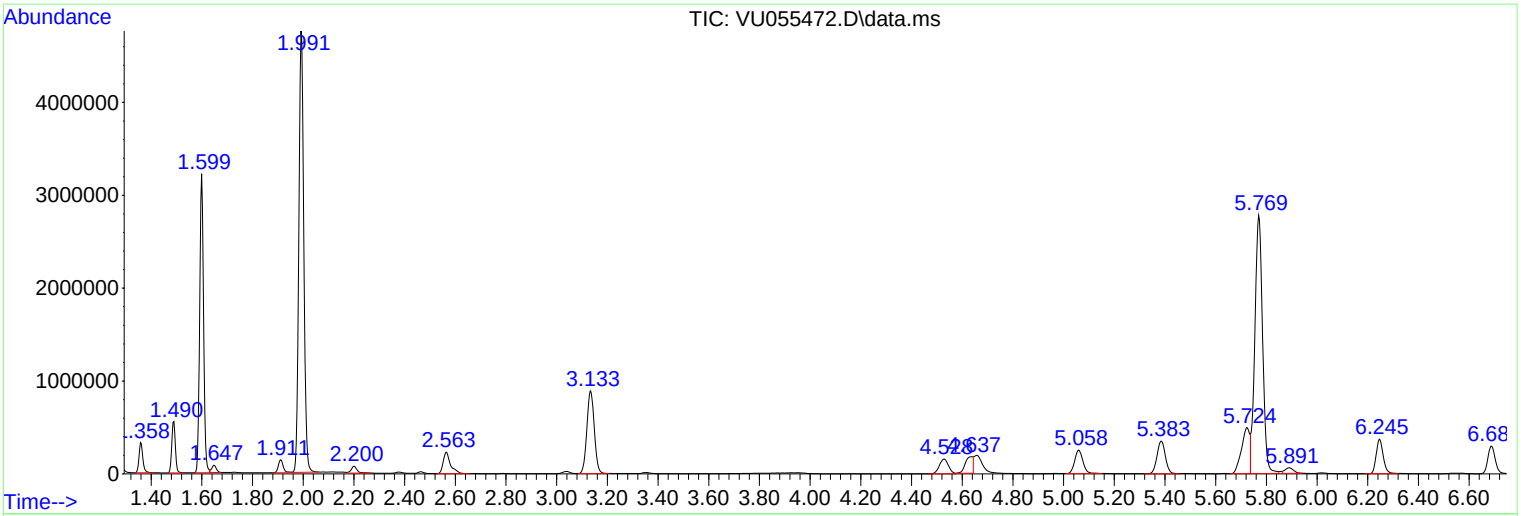
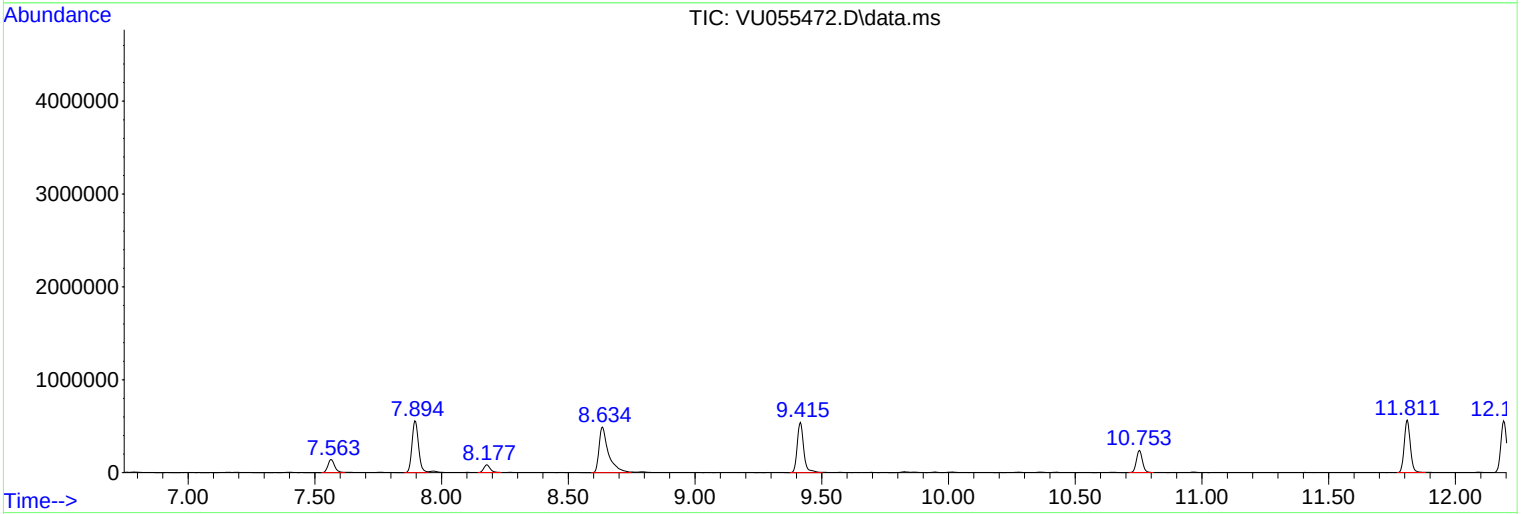
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

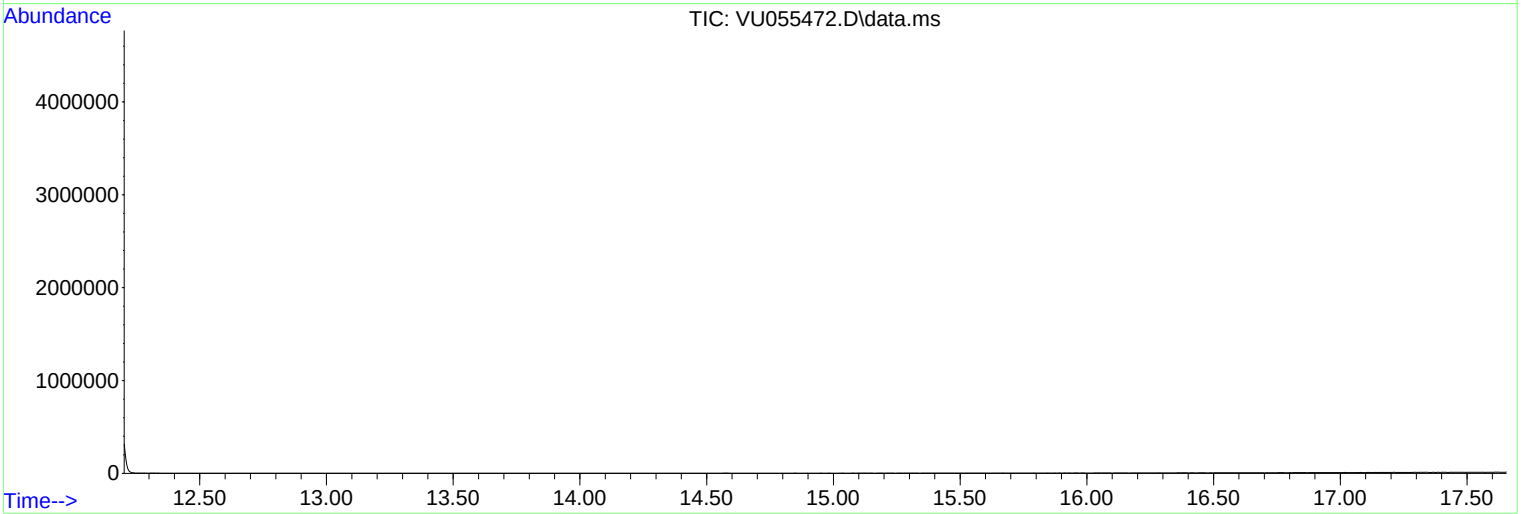
Instrument :
MSVOA_U
ClientSampleId :
EYHZ5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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Data File : VU055472.D
Acq On : 22 Sep 2023 20:17
Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYHZ5

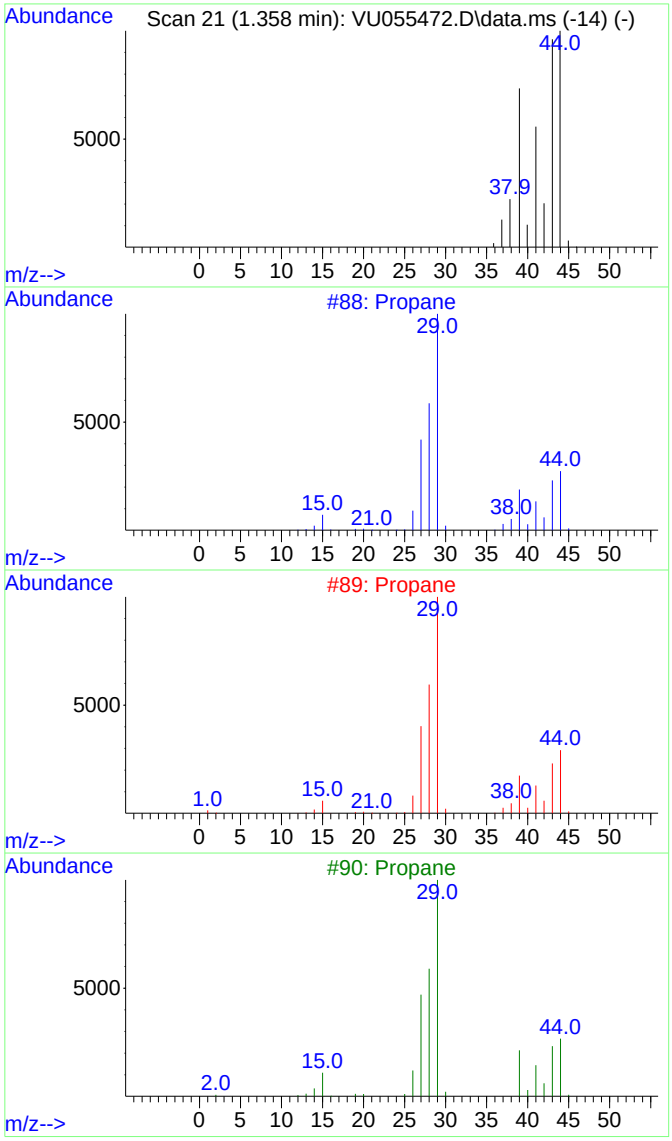
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

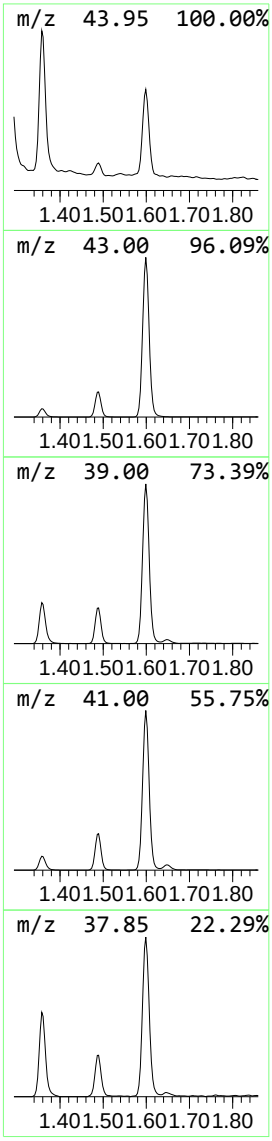
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.358	2.35 ug/L	340508	1,4-Difluorobenzene	6.245

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	Acetaldehyde	44	C2H4O	000075-07-0	5





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Data File : VU055472.D
Acq On : 22 Sep 2023 20:17
Operator : MD/SY
Sample : 04579-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYHZ5

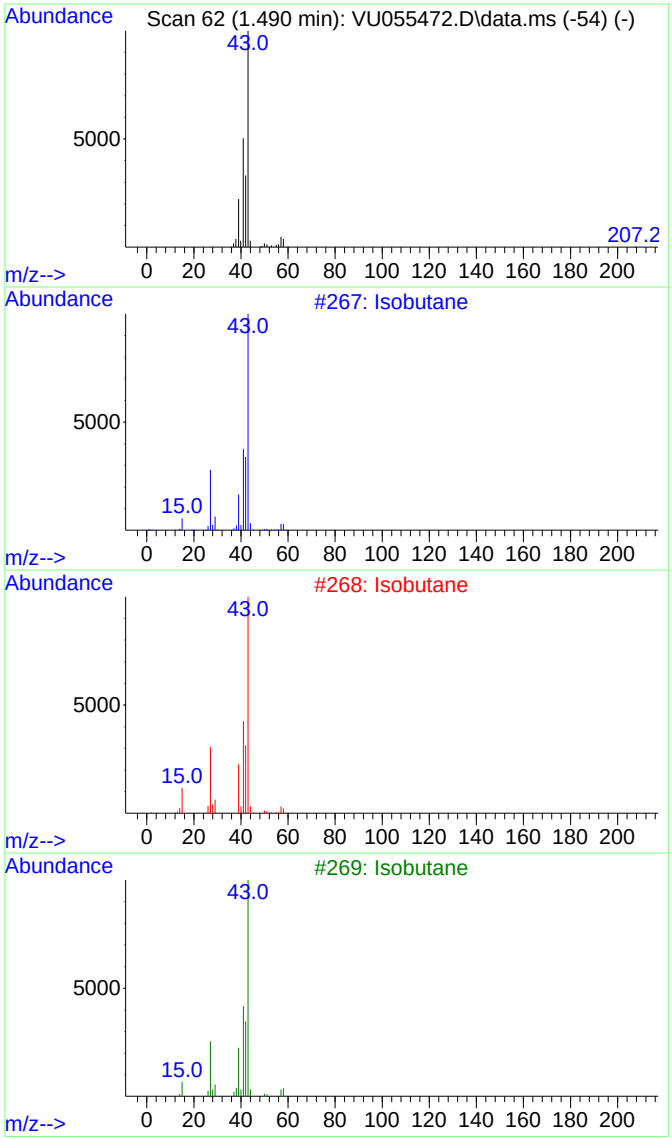
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

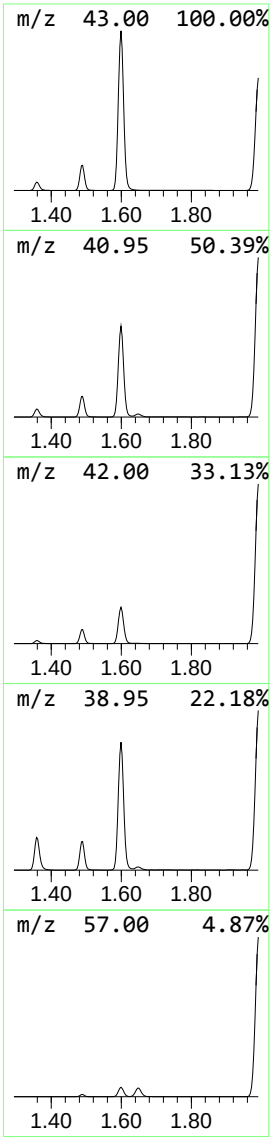
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.490	3.71 ug/L	537850	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
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	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
Data File : VU055472.D
Acq On : 22 Sep 2023 20:17
Operator : MD/SY
Sample : 04579-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYHZ5

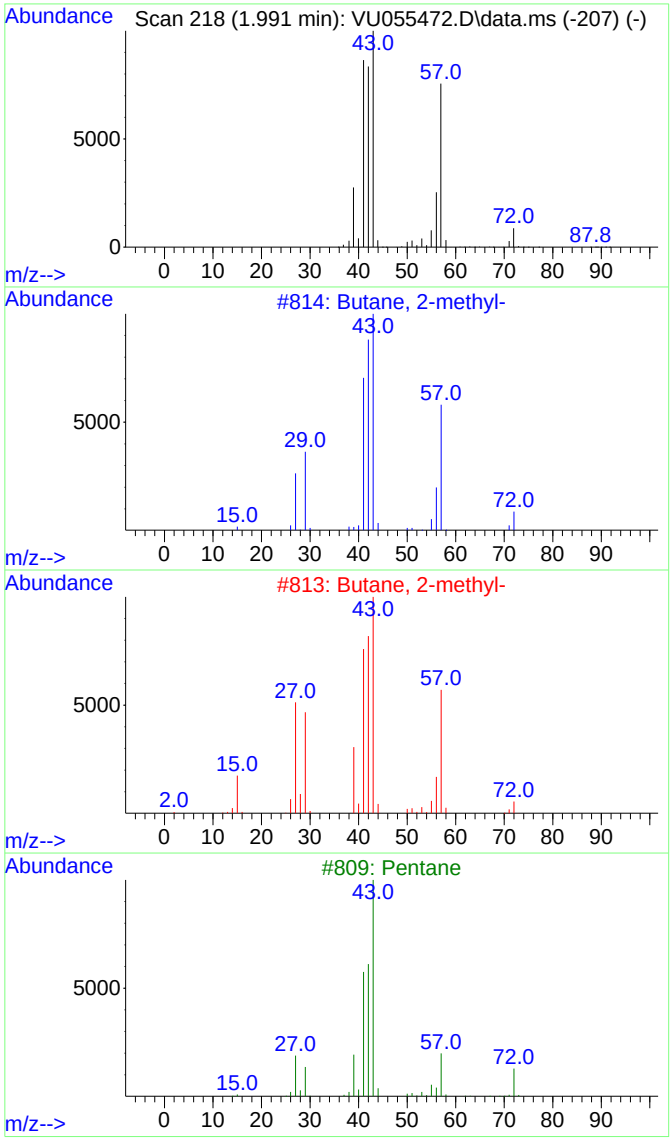
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

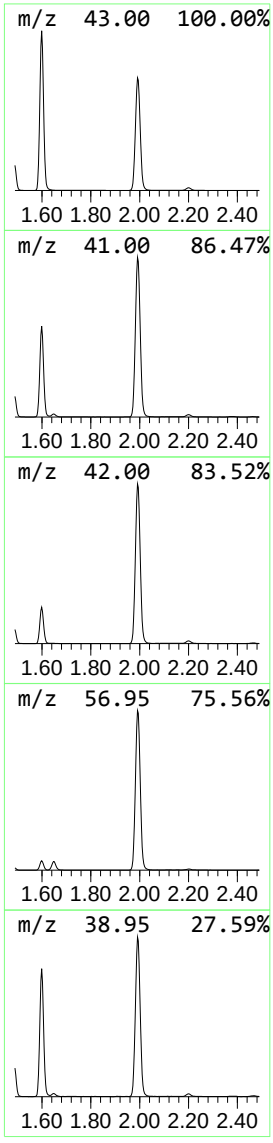
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.991	44.75 ug/L	6481450	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	80
3	Pentane	72	C5H12	000109-66-0	33
4	3-Buten-1-ol	72	C4H8O	000627-27-0	25
5	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	10





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Data File : VU055472.D
Acq On : 22 Sep 2023 20:17
Operator : MD/SY
Sample : 04579-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYHZ5

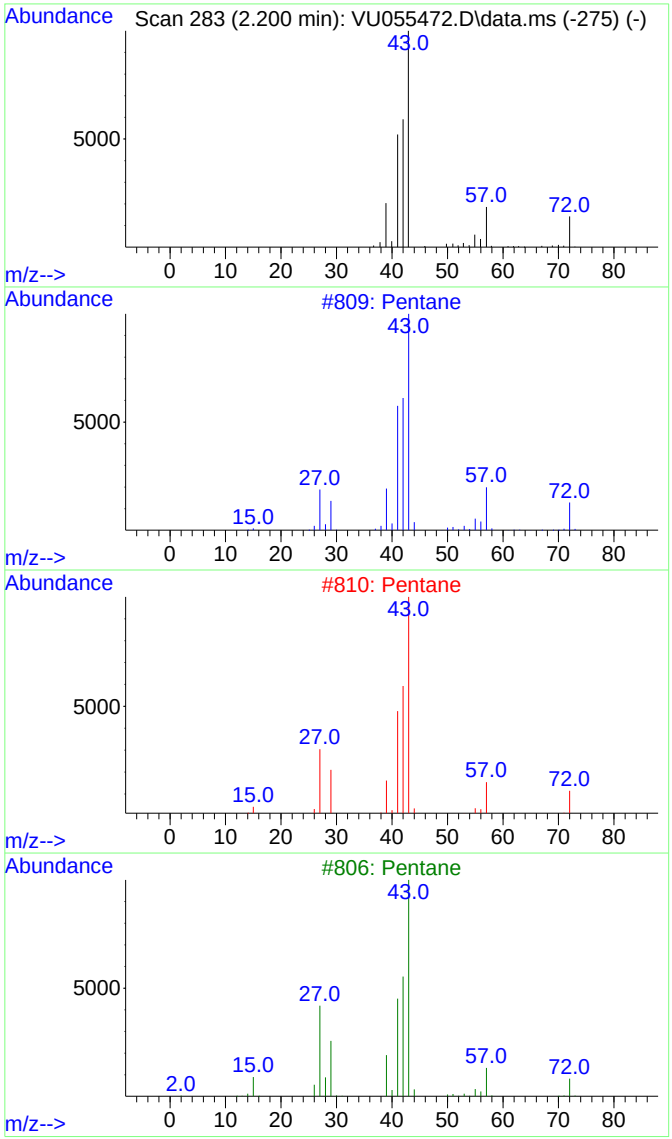
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

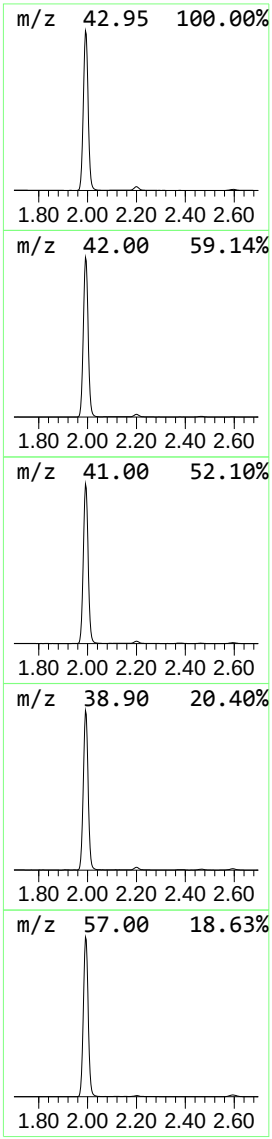
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.200	0.83 ug/L	119963	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	87
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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
Data File : VU055472.D
Acq On : 22 Sep 2023 20:17
Operator : MD/SY
Sample : 04579-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYHZ5

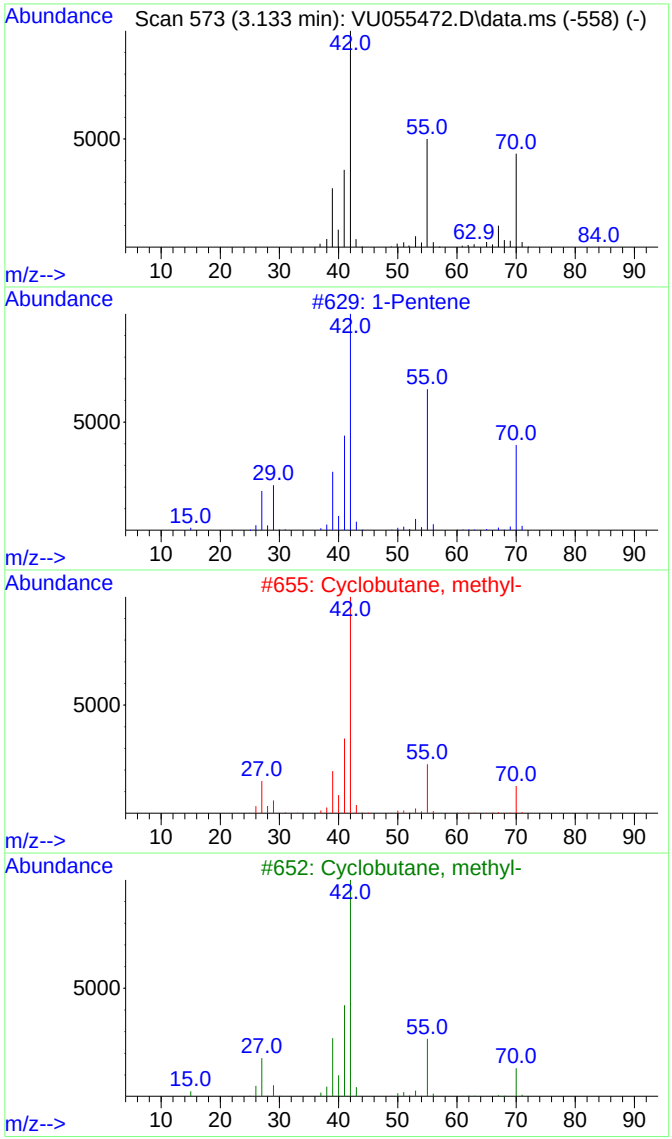
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

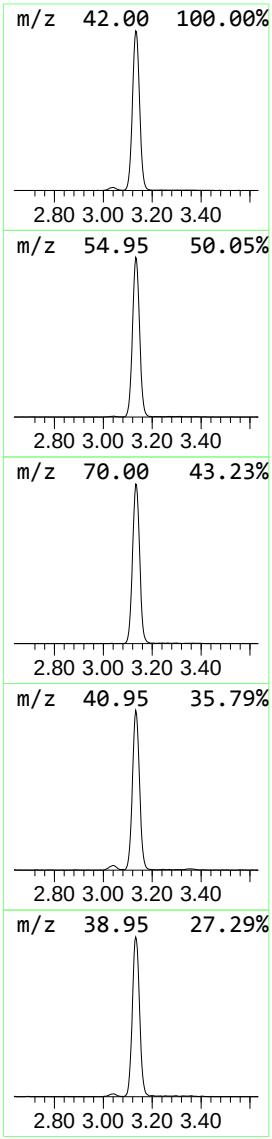
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.133	12.47 ug/L	1806590	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	87
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	87
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	78
4	Cyclopentane	70	C5H10	000287-92-3	72
5	Cyclopentane	70	C5H10	000287-92-3	72





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Operator : MD/SY
Sample : 04579-13
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYHZ5

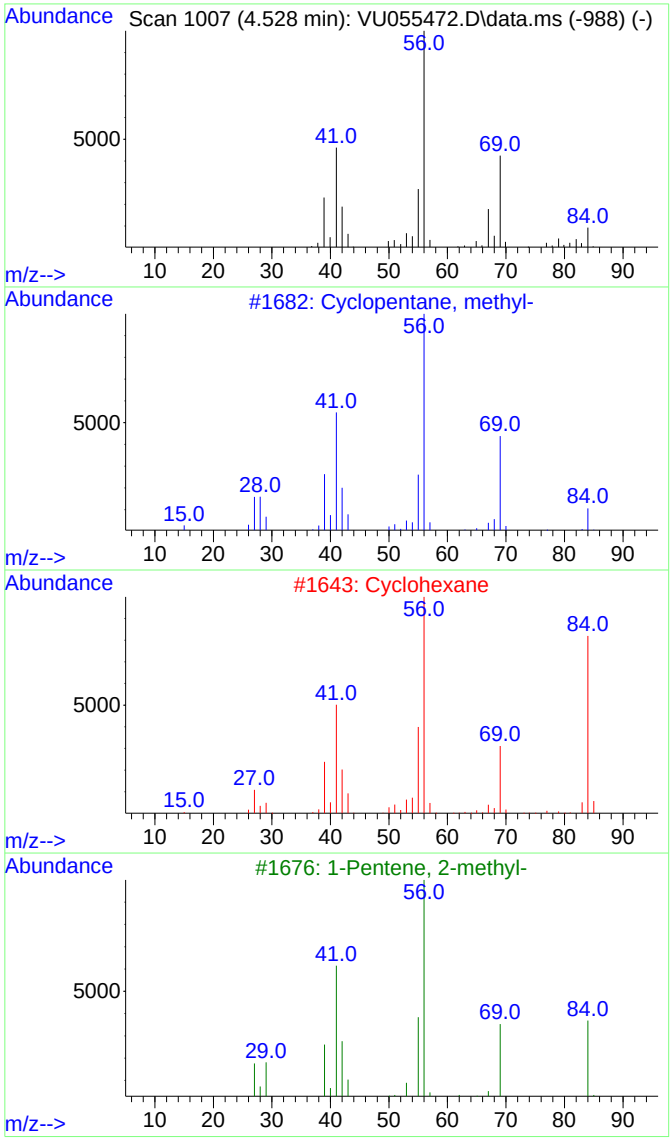
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

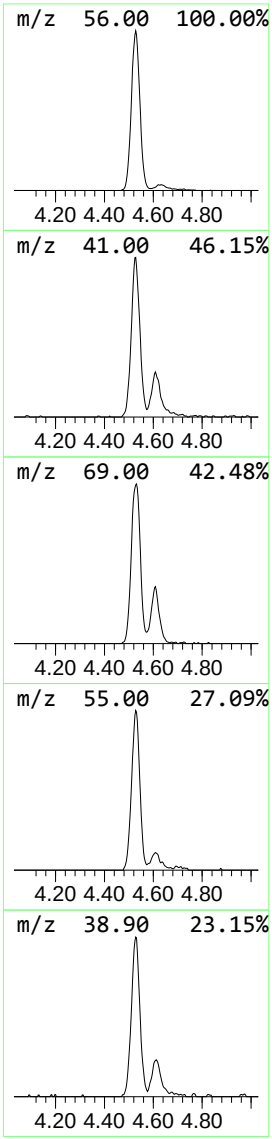
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic4.528 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.528	2.75 ug/L	397977	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2	Cyclohexane	84	C6H12	000110-82-7	64
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	59





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Operator : MD/SY
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYHZ5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0

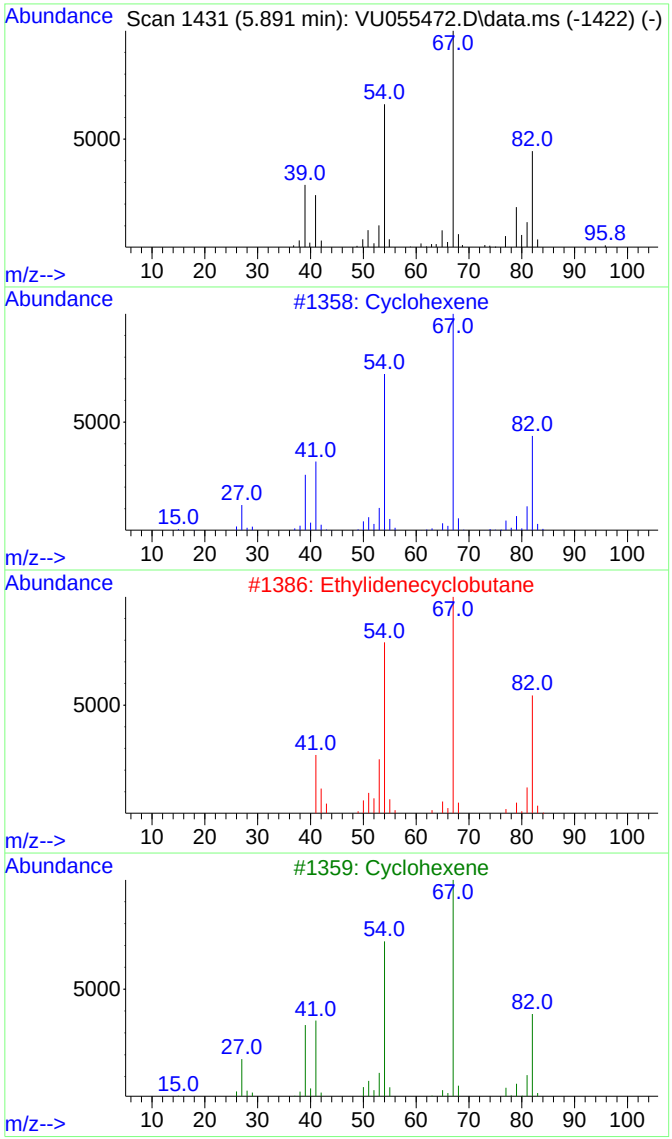
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

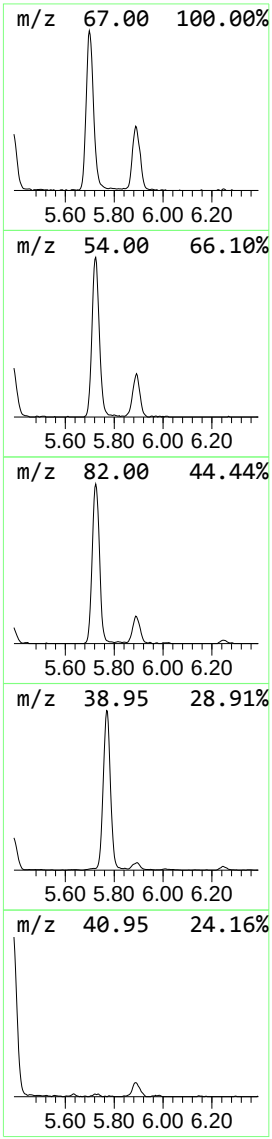
****

Peak Number 7 Cyclohexene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.891	0.96 ug/L	138572	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	90
2	Ethylidenecyclobutane	82	C6H10	001528-21-8	87
3	Cyclohexene	82	C6H10	000110-83-8	87
4	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	87
5	Cyclohexene	82	C6H10	000110-83-8	83





Tentatively Identified Compound (LSC) summary

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MSVOA_U
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
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...	1.358	2.4	ug/L	340508	1	6.245	724258	5.0
(DEL) Alkane: S...	1.490	3.7	ug/L	537850	1	6.245	724258	5.0
(DEL) Alkane: S...	1.991	44.8	ug/L	6481450	1	6.245	724258	5.0
(DEL) Alkane: S...	2.200	0.8	ug/L	119963	1	6.245	724258	5.0
(DEL) Alkane: S...	3.133	12.5	ug/L	1806590	1	6.245	724258	5.0
(DEL) Alkane: C...	4.528	2.8	ug/L	397977	1	6.245	724258	5.0
Cyclohexene	5.891	1.0	ug/L	138572	1	6.245	724258	5.0