LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
Data File : VV028332.D
Acq On : 04 Oct 2022 16:15
Operator : SY/MD
Sample : N4866-19DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXFR3DL

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\SFAMVTR100322WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV028332.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	15	20	26	rBV	41693	37170	5.79%	0.536%
2	1.211	47	53	59	rBV	66260	57097	8.90%	0.823%
3	1.301	74	81	91	rBV	400415	393947	61.41%	5.679%
4	1.384	98	107	143	rBV	87871	362134	56.45%	5.220%
5	1.561	156	162	173	rVB	67315	74648	11.64%	1.076%
6	1.629	174	183	196	rVB	525838	641483	100.00%	9.248%
7	2.101	320	330	349	rVB	117412	185743	28.96%	2.678%
8	2.500	442	454	464	rBV	29029	50503	7.87%	0.728%
9	2.568	464	475	492	rVB	100437	181218	28.25%	2.612%
10	3.754	829	844	860	rBV4	15426	37928	5.91%	0.547%
11	3.896	876	888	932	rBV2	85332	350605	54.66%	5.054%
12	4.342	1010	1027	1051	rBV	100266	254458	39.67%	3.668%
13	4.670	1112	1129	1148	rBV2	29445	75092	11.71%	1.083%
14	5.040	1228	1244	1252	rBV2	211766	499694	77.90%	7.203%
15	5.092	1253	1260	1288	rVV	230397	525398	81.90%	7.574%
16	5.214	1291	1298	1310	rVB10	4634	10626	1.66%	0.153%
17	5.613	1409	1422	1446	rBV	182710	374962	58.45%	5.405%
18	6.066	1547	1563	1590	rBV	130721	272551	42.49%	3.929%
19	6.985	1836	1849	1873	rBV2	51622	100981	15.74%	1.456%
20	7.313	1939	1951	1969	rBV	191766	348917	54.39%	5.030%
21	7.622	2037	2047	2067	rBV3	30051	58094	9.06%	0.837%
22	8.085	2181	2191	2216	rBV	336029	638439	99.53%	9.204%
23	8.850	2417	2429	2450	rBV	271974	455989	71.08%	6.573%
24	10.214	2841	2853	2869	rBV	116371	185515	28.92%	2.674%
25	11.246	3161	3174	3198	rBV	251497	402588	62.76%	5.804%
26	11.622	3276	3291	3310	rBV	225399	361043	56.28%	5.205%

Sum of corrected areas: 6936823

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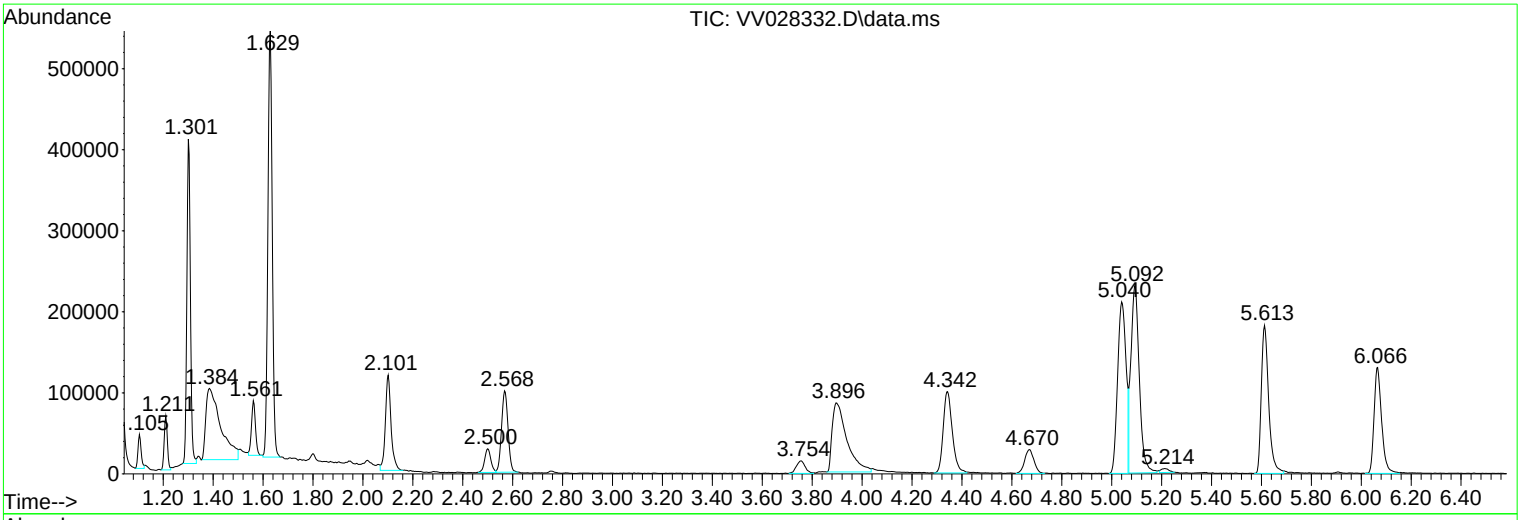
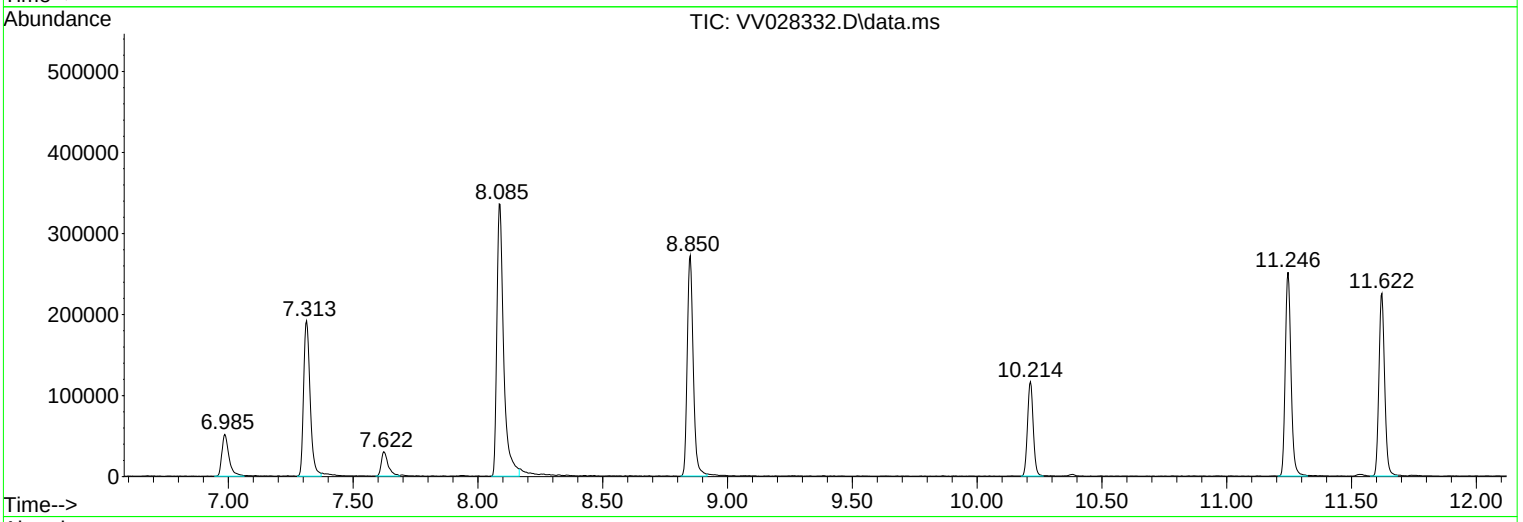
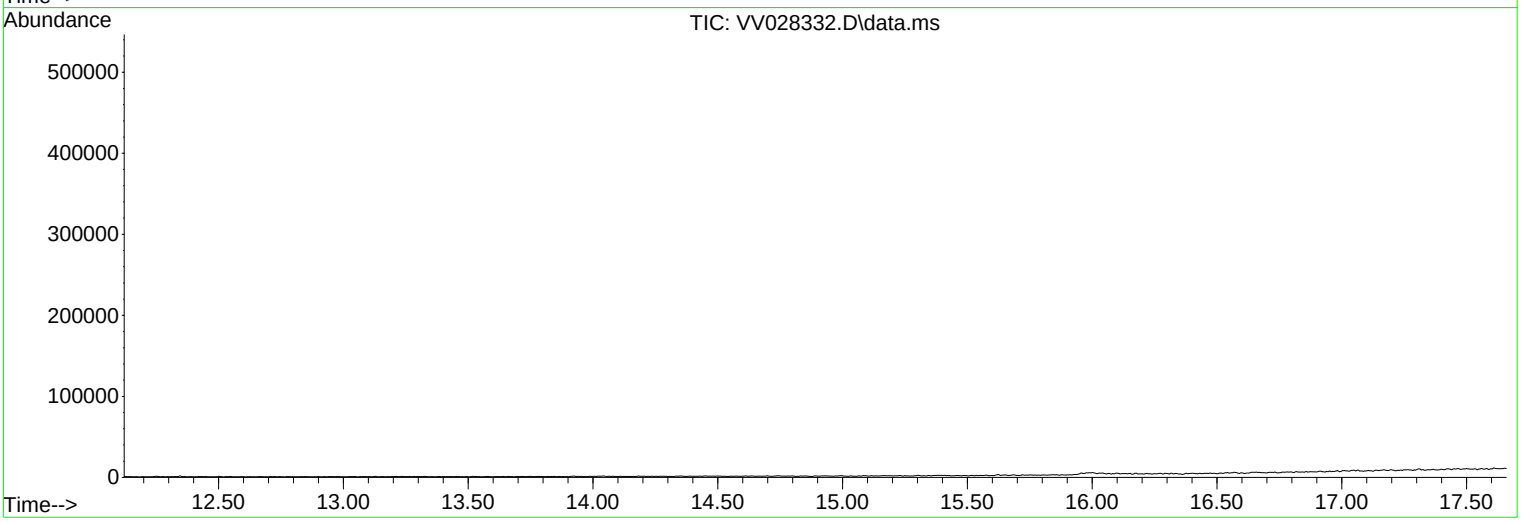
ClientSampleId :
EXFR3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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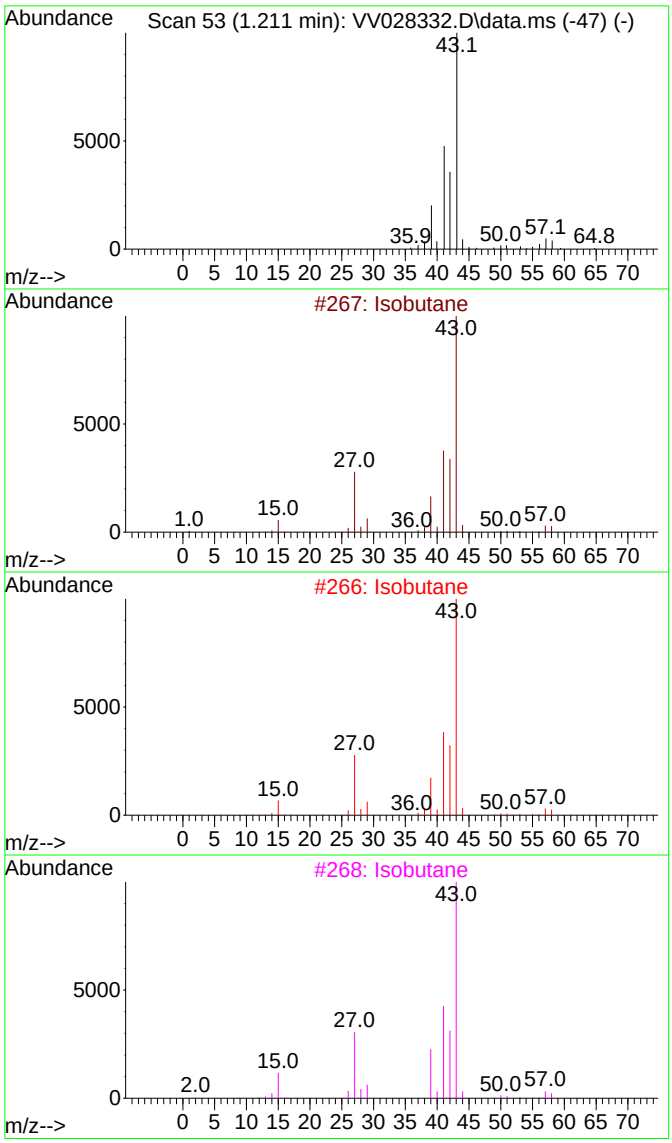
Quant Title : TRACE VOA SFAM1.0

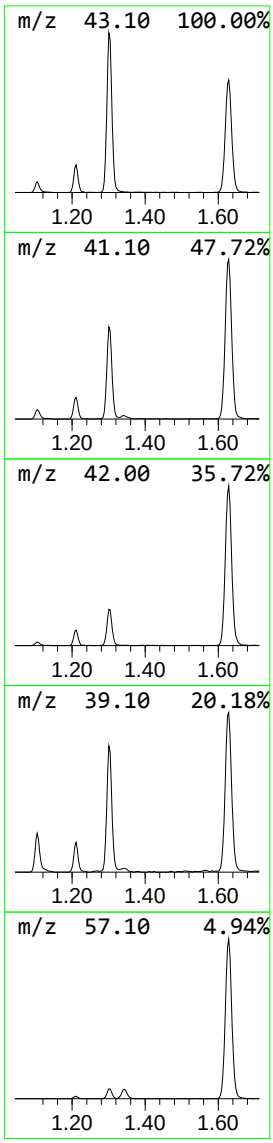
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.211	0.76 ug/L	57097	1,4-Difluorobenzene	5.613

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	64
5	Isobutane	58	C4H10	000075-28-5	64





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Instrument :
MSVOA_V
ClientSampleId :
EXFR3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0

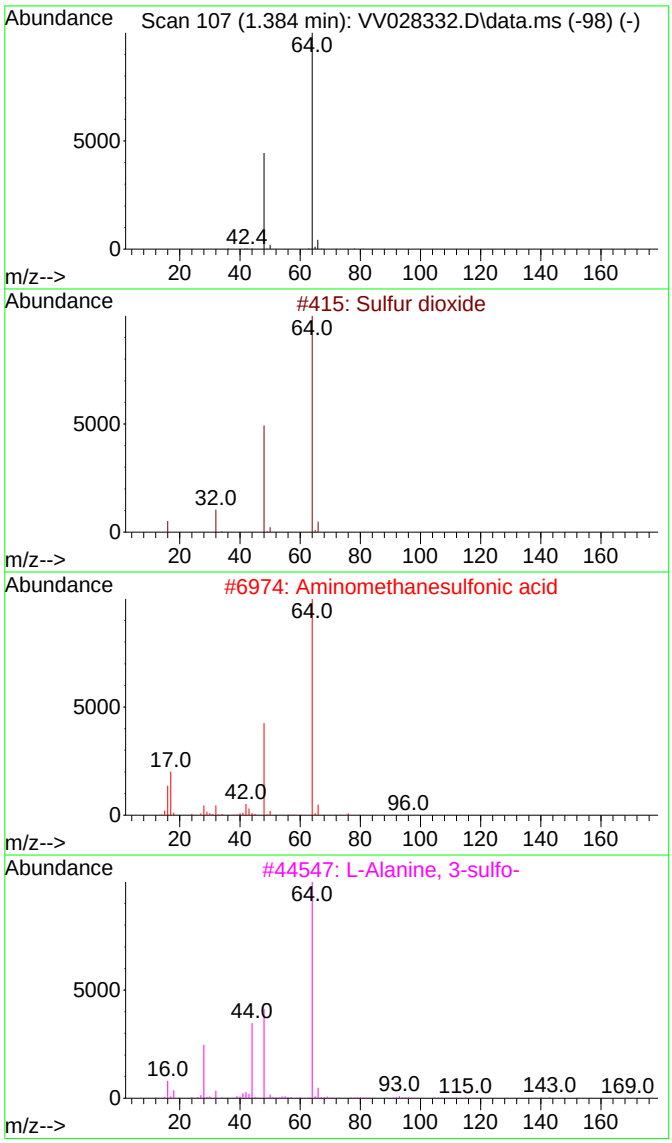
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

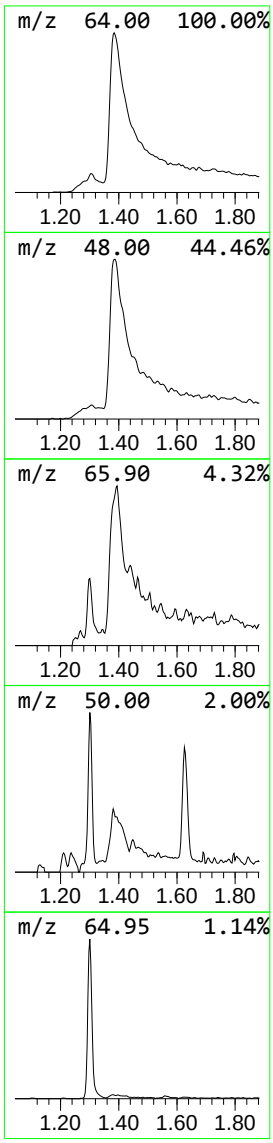
****

Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.384	4.83 ug/L	362134	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Sulfur dioxide	64	O2S	007446-09-5	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





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Instrument :
MSVOA_V
ClientSampleId :
EXFR3DL

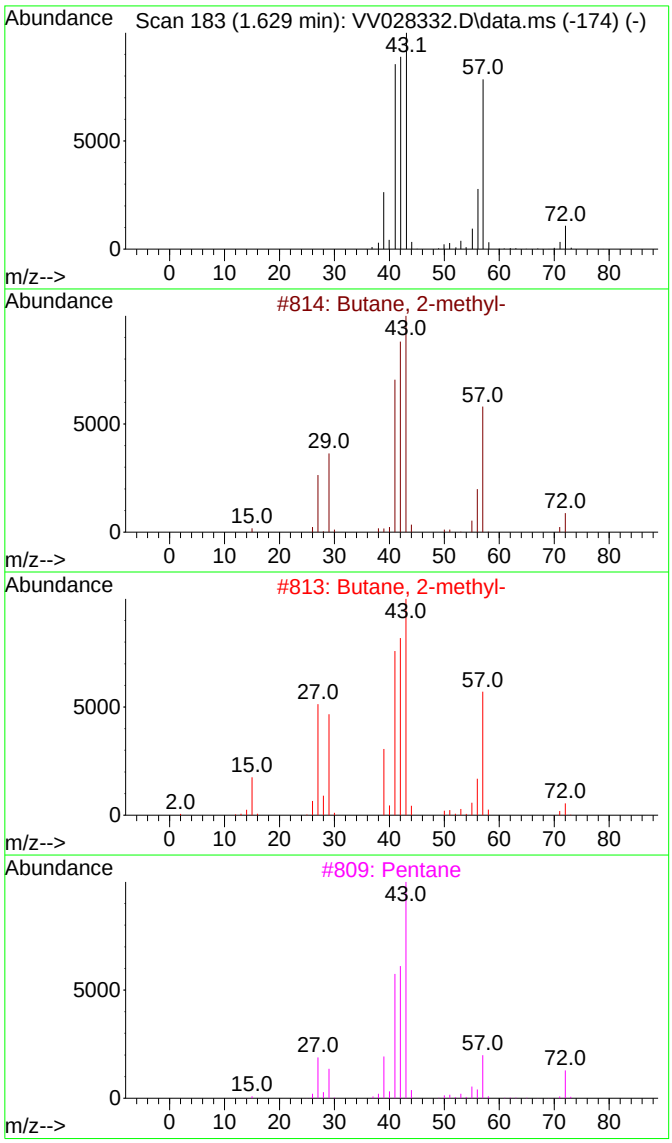
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0

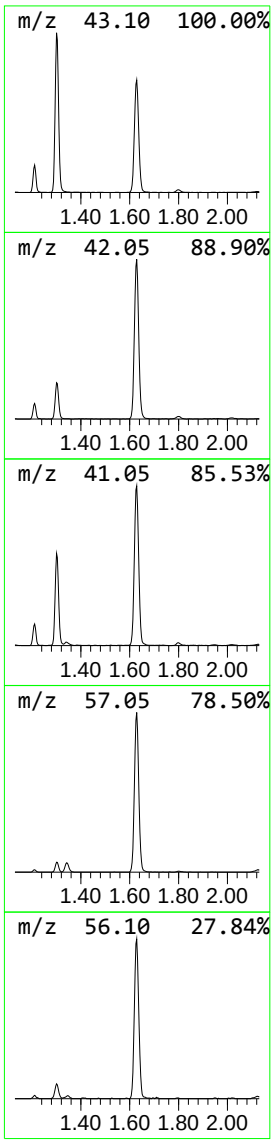
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.629	8.55 ug/L	641483	1,4-Difluorobenzene	5.613

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	86
3	Pentane	72	C5H12	000109-66-0	43
4	Pentane	72	C5H12	000109-66-0	33
5	3-Buten-1-ol	72	C4H8O	000627-27-0	25





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Instrument :
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ClientSampleId :
EXFR3DL

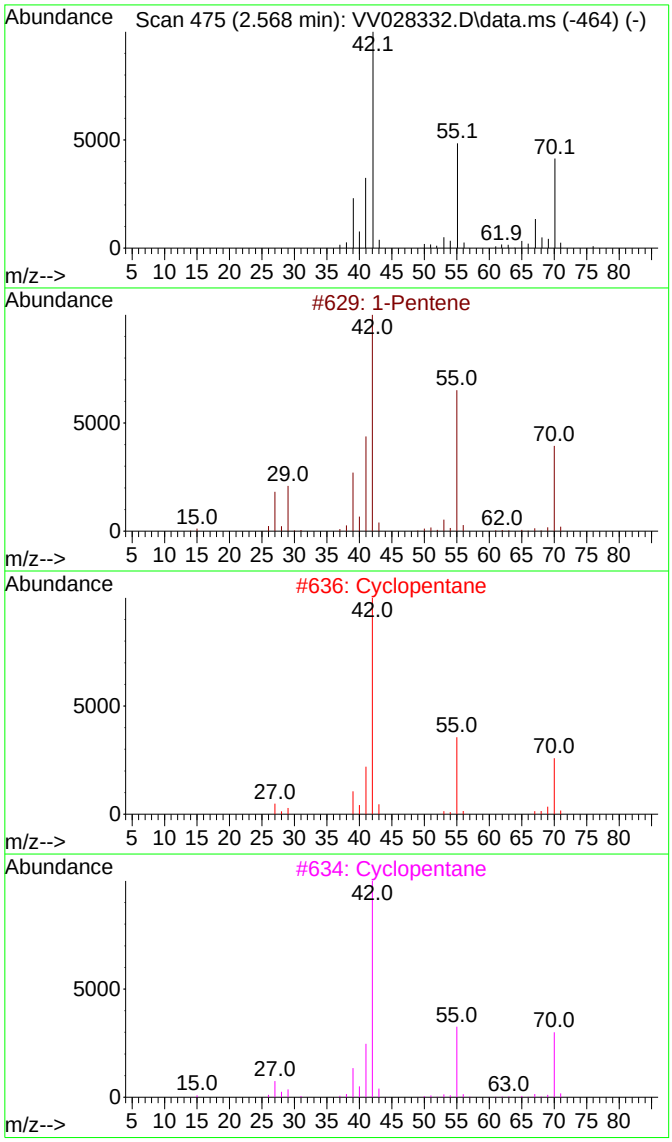
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0

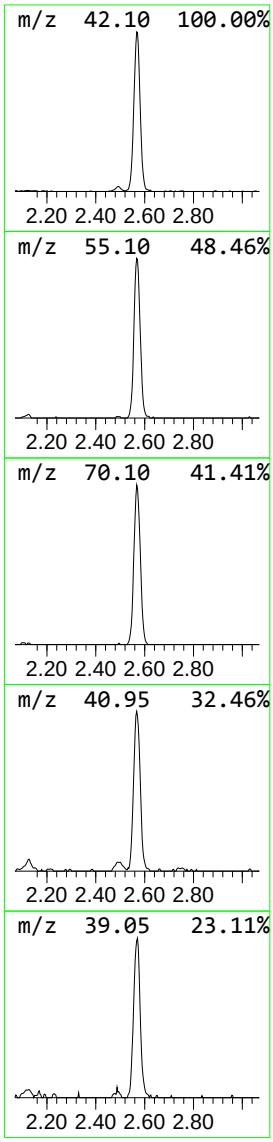
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.568	2.42 ug/L	181218	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	83
2	Cyclopentane	70	C5H10	000287-92-3	72
3	Cyclopentane	70	C5H10	000287-92-3	72
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	64
5	Cyclopentane	70	C5H10	000287-92-3	64





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXFR3DL

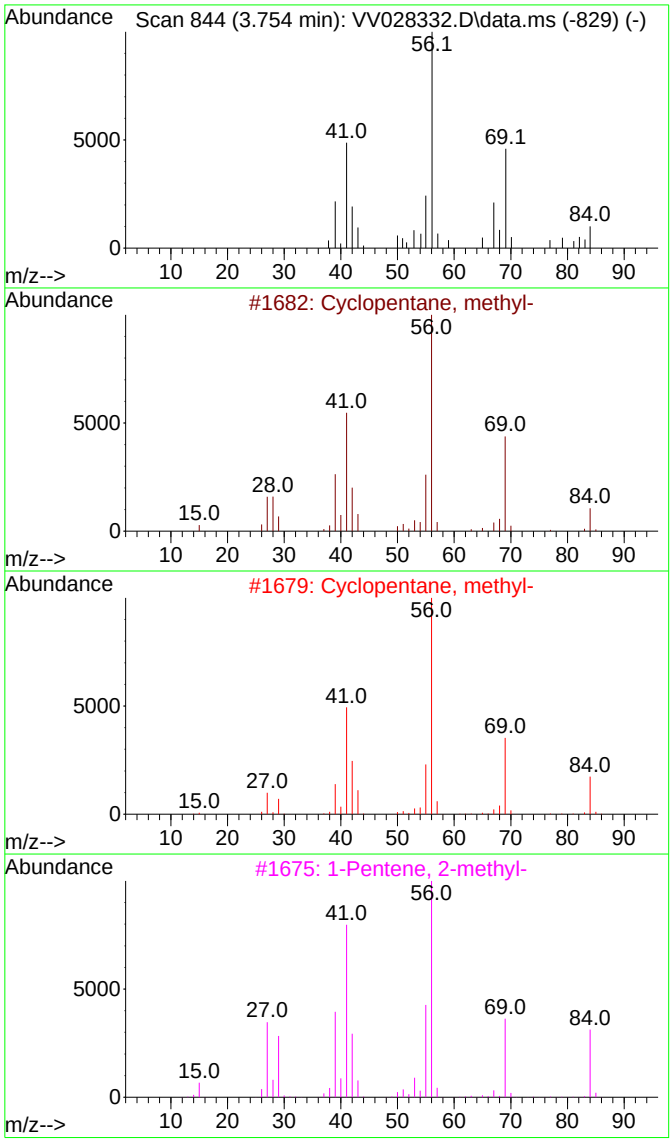
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0

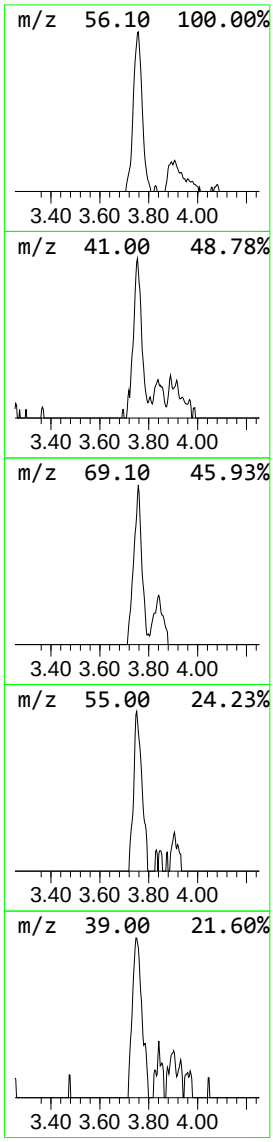
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.754	0.51 ug/L	37928	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	68
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	58
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	53
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	50
5	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	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...	1.211	0.8	ug/L	57097	1	5.613	374962	5.0
Sulfur dioxide	1.384	4.8	ug/L	362134	1	5.613	374962	5.0
(DEL) Alkane: S...	1.629	8.6	ug/L	641483	1	5.613	374962	5.0
(DEL) Alkane: S...	2.568	2.4	ug/L	181218	1	5.613	374962	5.0
(DEL) Alkane: S...	3.754	0.5	ug/L	37928	1	5.613	374962	5.0