LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
Data File : VU047574.D
Acq On : 15 Mar 2022 13:57
Operator : SY/MD
Sample : N1858-16DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNK2DL

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\SFAMUTR031422WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU047574.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.363	3	7	18	rVB	20754	20009	3.33%	0.416%
2	1.491	41	47	70	rBV	31724	36173	6.03%	0.752%
3	1.604	71	82	92	rVV2	239532	261085	43.50%	5.431%
4	1.655	93	98	105	rVB	5623	6163	1.03%	0.128%
5	1.919	171	180	194	rBV	43318	59307	9.88%	1.234%
6	1.999	194	205	220	rVB	318633	432394	72.03%	8.994%
7	2.208	260	270	280	rBV3	5372	8102	1.35%	0.169%
8	2.572	371	383	402	rBV	79068	132410	22.06%	2.754%
9	3.051	520	532	546	rVB4	5475	10771	1.79%	0.224%
10	3.144	546	561	576	rBV2	54185	110692	18.44%	2.303%
11	4.539	981	995	1009	rVB3	11274	25944	4.32%	0.540%
12	4.642	1009	1027	1064	rBV	62562	230681	38.43%	4.798%
13	5.067	1143	1159	1180	rBV	87444	191020	31.82%	3.973%
14	5.391	1244	1260	1275	rVB3	24167	52480	8.74%	1.092%
15	5.729	1344	1365	1373	rBV2	161259	434511	72.39%	9.038%
16	5.777	1373	1380	1402	rVV	149790	299729	49.93%	6.235%
17	6.250	1514	1527	1545	rBV	105299	200548	33.41%	4.172%
18	6.694	1651	1665	1684	rBV	109015	210061	35.00%	4.370%
19	7.568	1925	1937	1953	rBV	53066	94087	15.67%	1.957%
20	7.899	2024	2040	2056	rBV	182614	315659	52.59%	6.566%
21	8.179	2116	2127	2145	rBV	34667	58508	9.75%	1.217%
22	8.636	2256	2269	2306	rBV	301129	600257	100.00%	12.486%
23	9.417	2500	2512	2529	rBV	152593	257577	42.91%	5.358%
24	10.758	2917	2929	2947	rVB	108326	172962	28.81%	3.598%
25	11.812	3245	3257	3276	rBV	149994	235930	39.30%	4.908%
26	12.066	3326	3336	3343	rBV2	3929	6507	1.08%	0.135%
27	12.192	3363	3375	3399	rBV	210206	343863	57.29%	7.153%

Sum of corrected areas: 4807430

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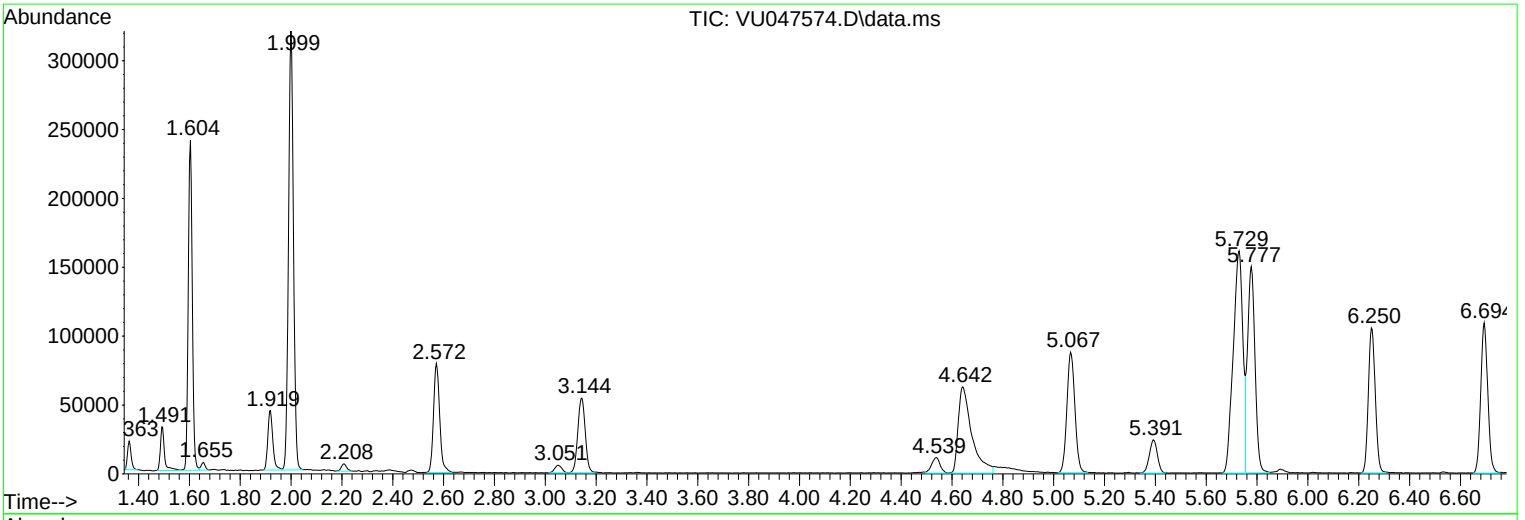
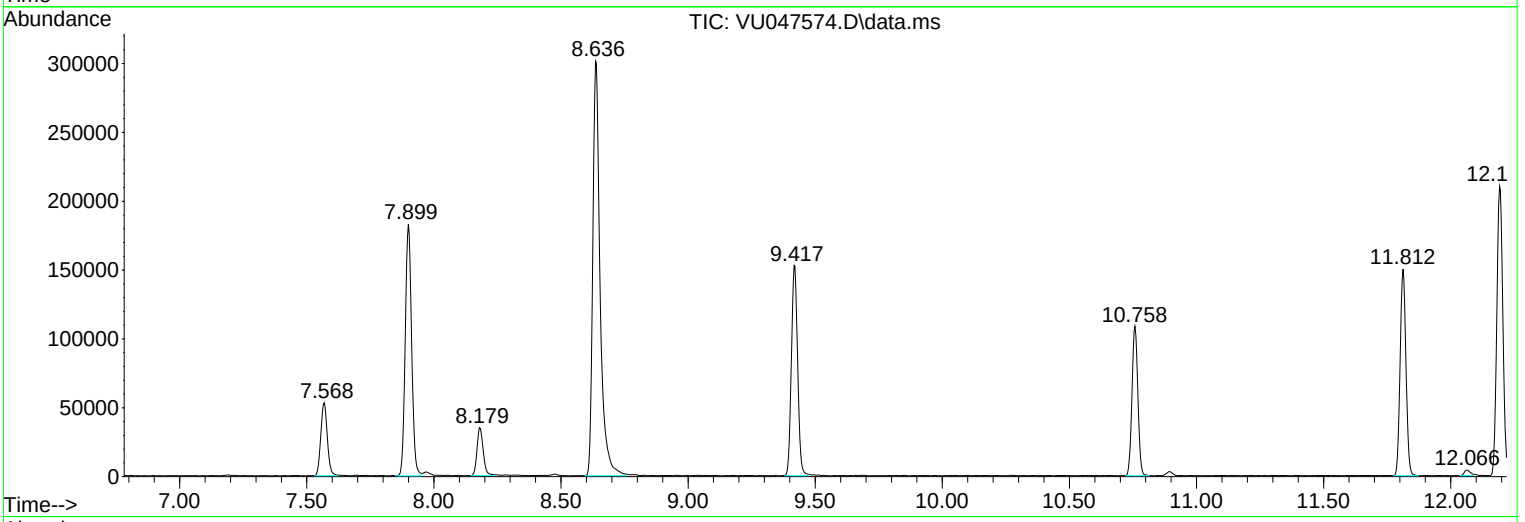
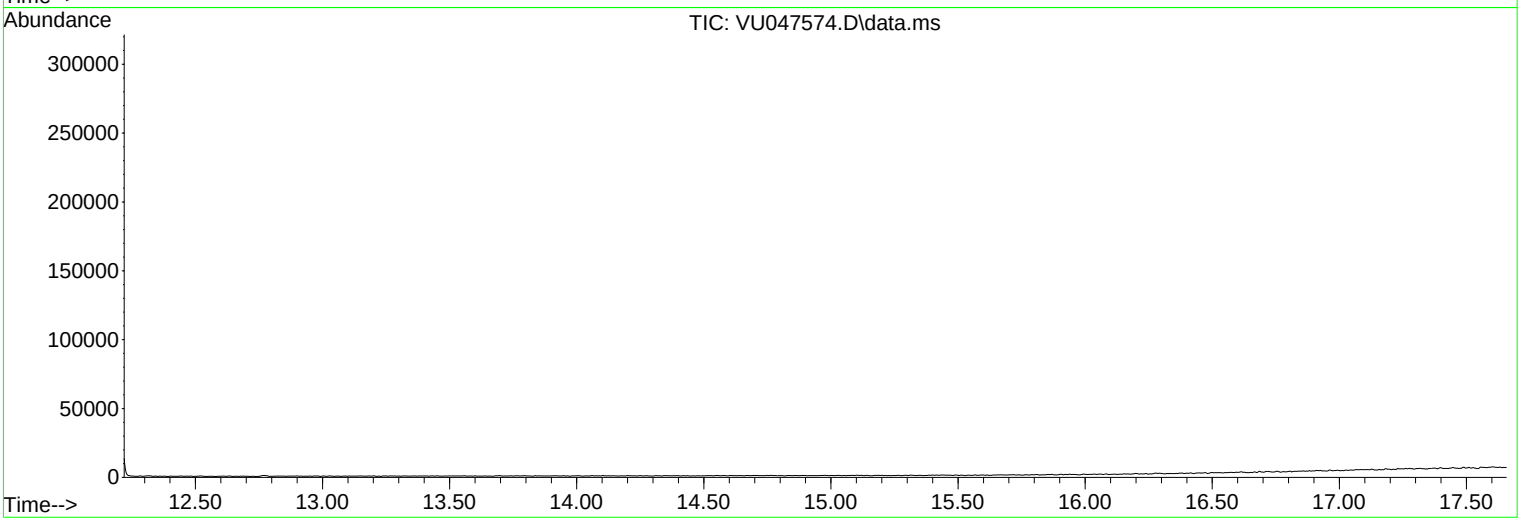
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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Quant Title : TRACE VOA SFAM1.0

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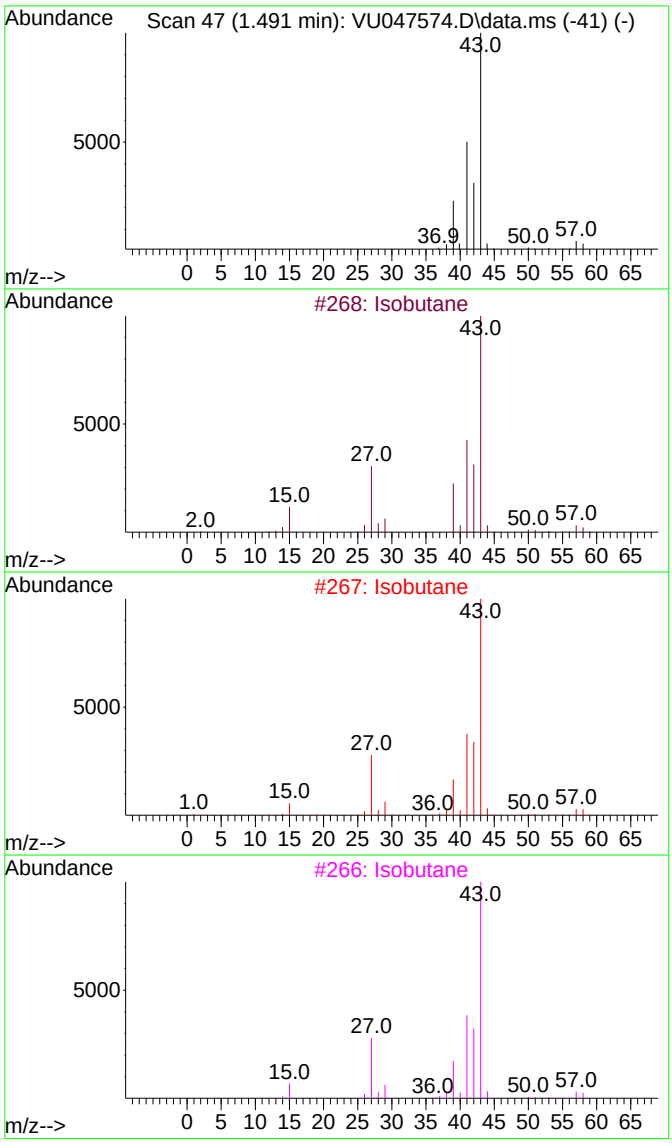
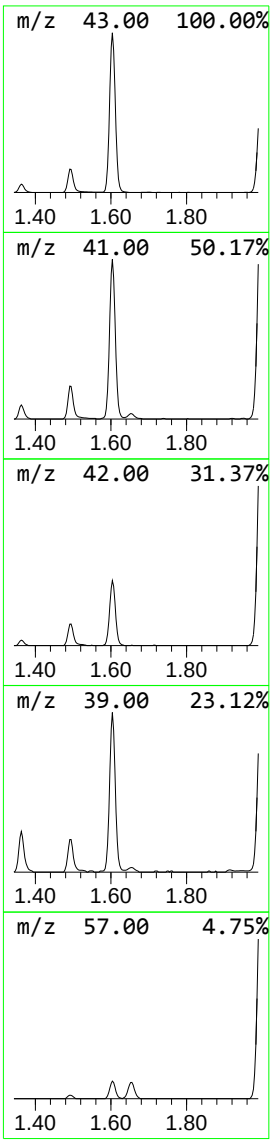
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.491	0.90 ug/L	36173	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	78
2	Isobutane	58	C4H10	000075-28-5	78
3	Isobutane	58	C4H10	000075-28-5	78
4	Isobutane	58	C4H10	000075-28-5	72
5	Isobutane	58	C4H10	000075-28-5	50





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ETNK2DL

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Quant Title : TRACE VOA SFAM1.0

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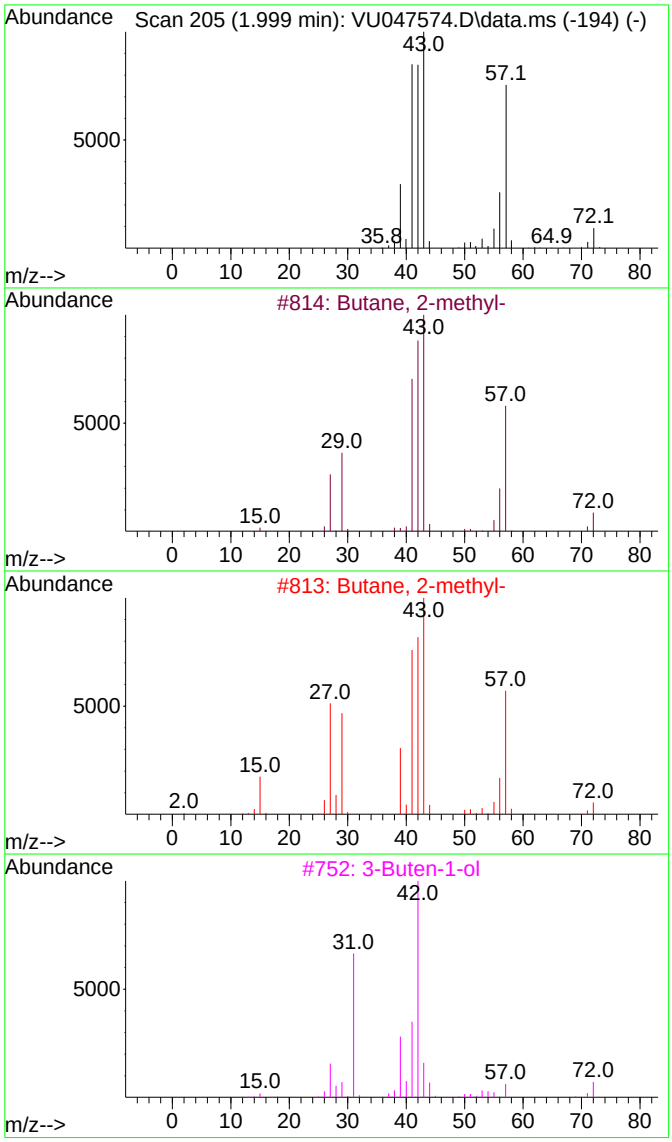
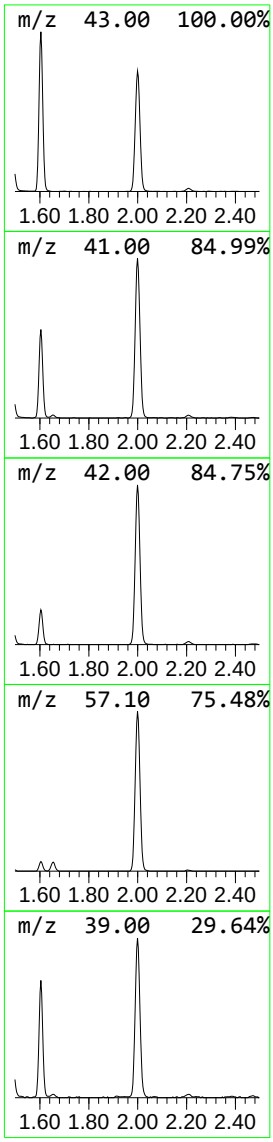
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.999	10.78 ug/L	432394	1,4-Difluorobenzene	6.250

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	80
3	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	Oxirane, trimethyl-	86	C5H10O	005076-19-7	33
5	Pentane	72	C5H12	000109-66-0	28





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Instrument :
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ClientSampleId :
ETNK2DL

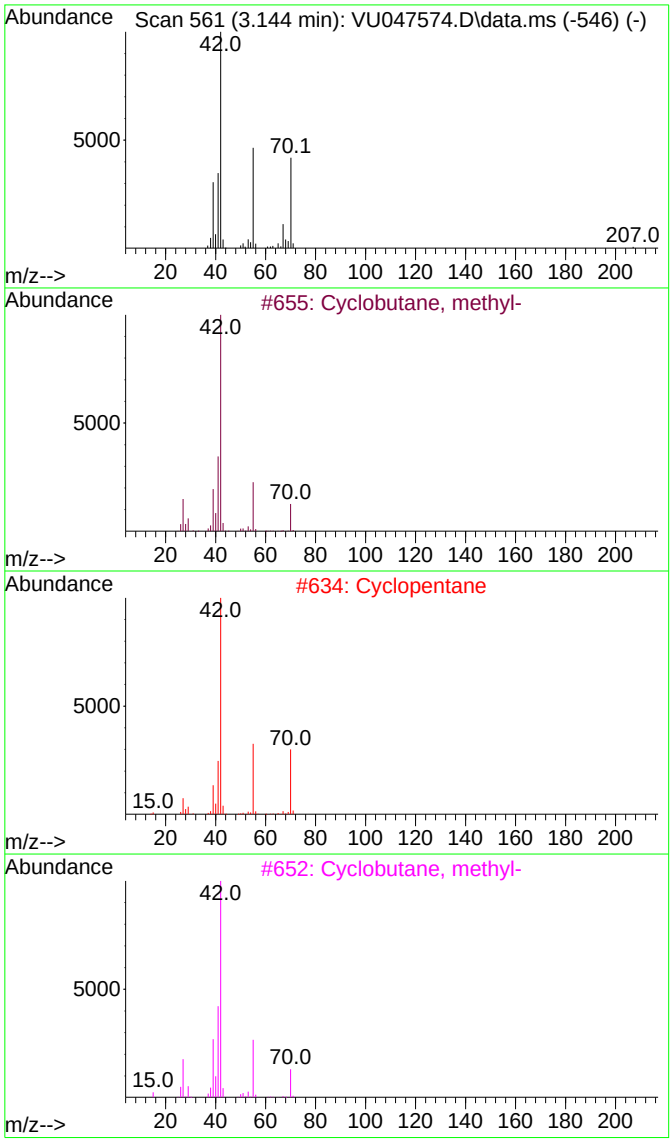
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0

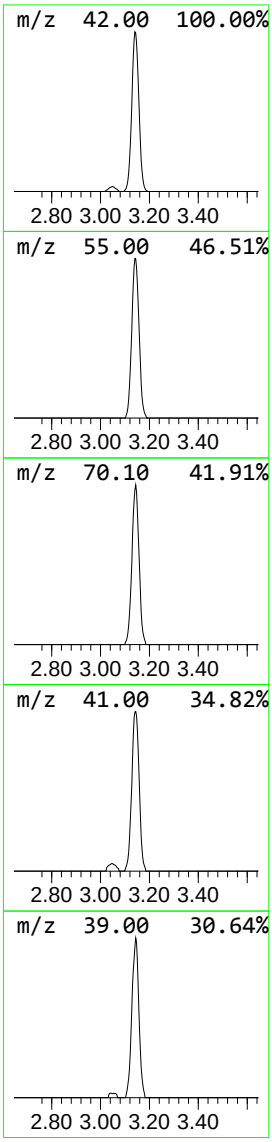
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic3.144 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.144	2.76 ug/L	110692	1,4-Difluorobenzene	6.250

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





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Instrument :
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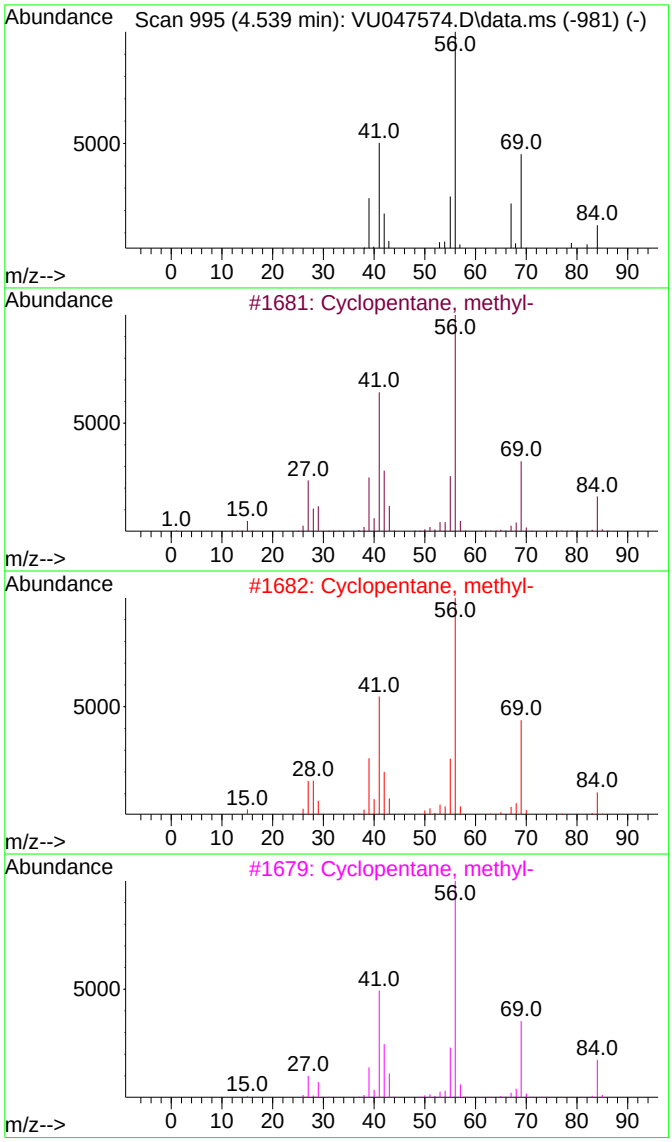
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0

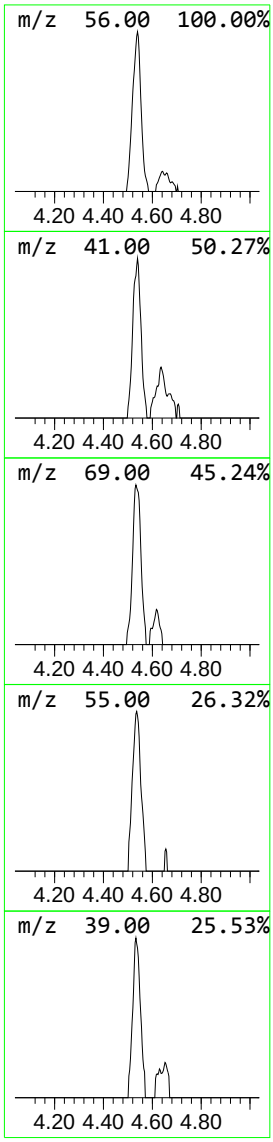
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic4.539 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.539	0.65 ug/L	25944	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	81
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	53





Tentatively Identified Compound (LSC) summary

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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...	1.491	0.9	ug/L	36173	1	6.250	200548	5.0
(DEL) Alkane: S...	1.999	10.8	ug/L	432394	1	6.250	200548	5.0
(DEL) Alkane: C...	3.144	2.8	ug/L	110692	1	6.250	200548	5.0
(DEL) Alkane: C...	4.539	0.7	ug/L	25944	1	6.250	200548	5.0