

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039319.D
 Acq On : 07 Jul 2020 17:15
 Operator : SY/MD
 Sample : L3193-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4276

Quant Time: Jul 08 01:54:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:44:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110077	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	105849	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50928	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37628	5.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.00%
7) Chloroethane-d5	1.92	69	34798	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.58	63	56465	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.00%
20) 2-Butanone-d5	4.66	46	127674	43.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.48%
24) Chloroform-d	5.08	84	77490	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
26) 1,2-Dichloroethane-d4	5.72	65	47833	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.74	84	154078	6.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.00%
36) 1,2-Dichloropropane-d6	6.71	67	52415	5.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.00%
41) Toluene-d8	7.91	98	134506	6.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.80%
43) trans-1,3-Dichloropropene-	8.19	79	21678	5.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.60%
46) 2-Hexanone-d5	8.64	63	132846	56.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.30%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	49088	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	53867	5.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.60%

Target Compounds

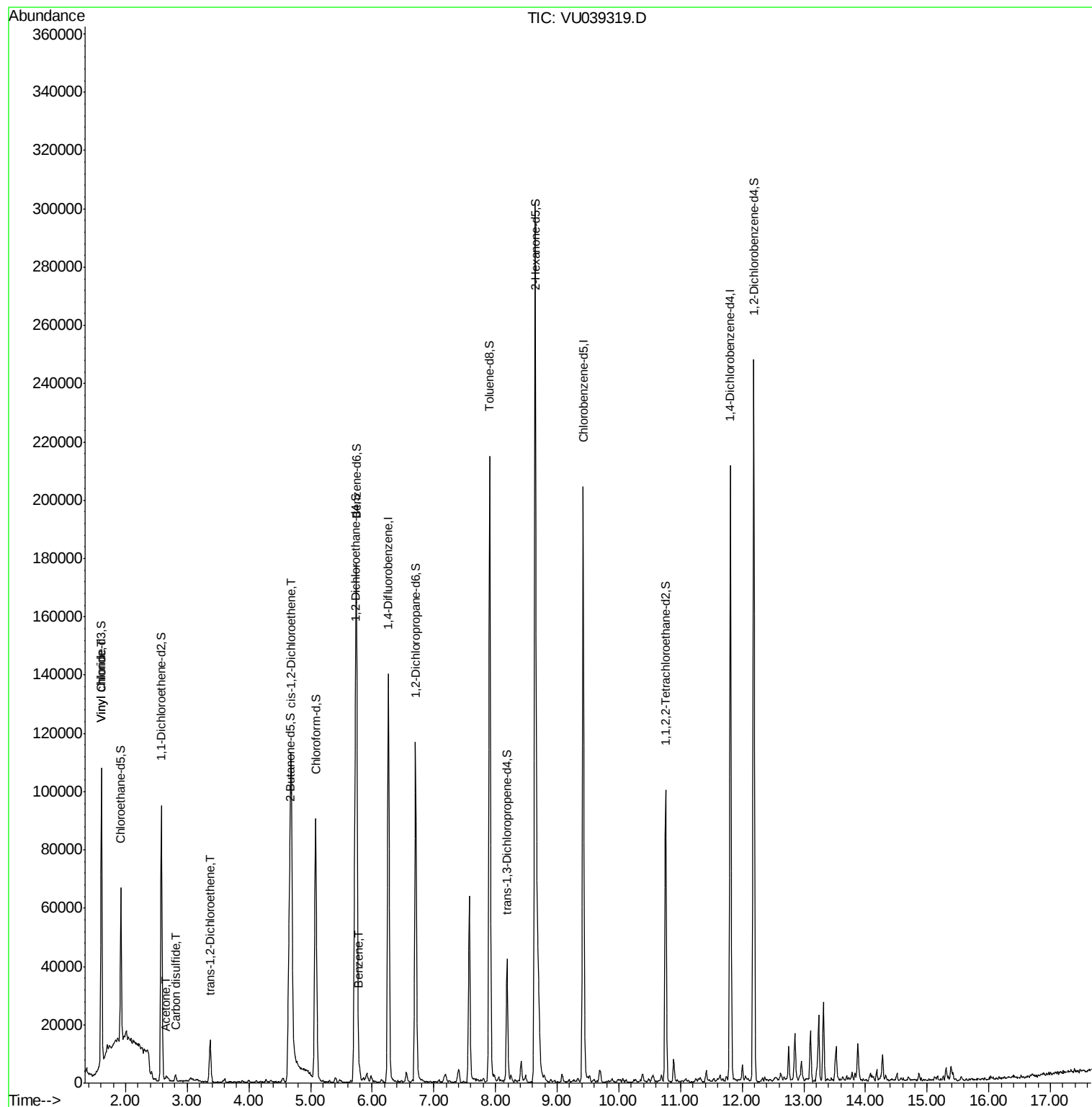
					Ovalue
5) Vinyl chloride	1.61	62	34448	3.838 ug/L	94
13) Acetone	2.66	43	3085	1.958 ug/L	71
14) Carbon disulfide	2.81	76	3002	0.130 ug/L #	89
18) trans-1,2-Dichloroethene	3.37	96	4773	0.659 ug/L	87
22) cis-1,2-Dichloroethene	4.69	96	41671	5.128 ug/L	98
33) Benzene	5.78	78	3312	0.105 ug/L	100

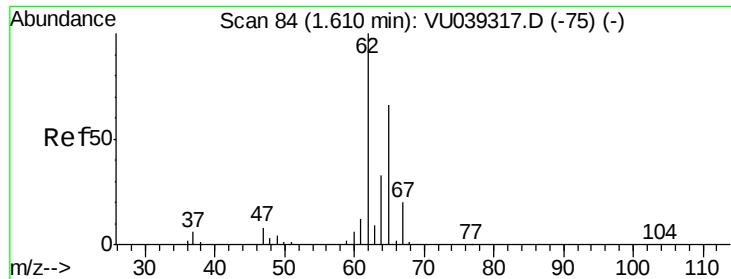
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.838 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Acq: 07 Jul 2020 17:15

Instrument :

MSVOA_U

ClientSampleId :

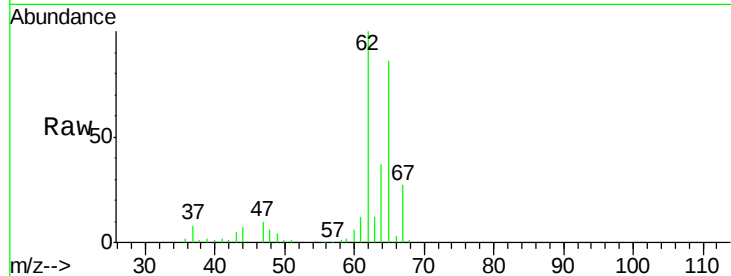
H4276

Tot Ion: 62 Resp: 34448

Ion Ratio Lower Upper

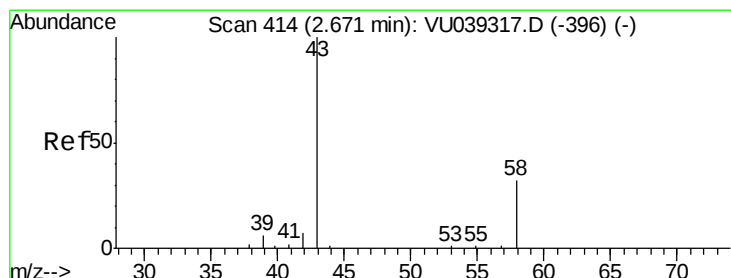
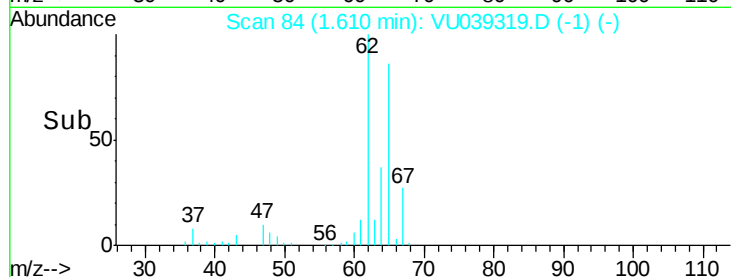
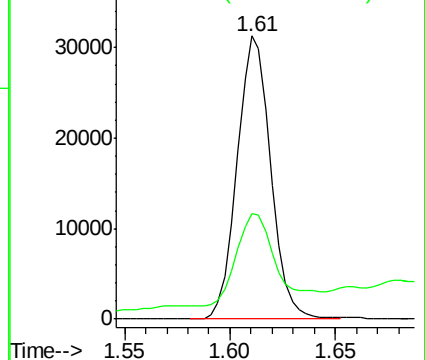
62 100

64 37.3 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 1.958 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039319.D

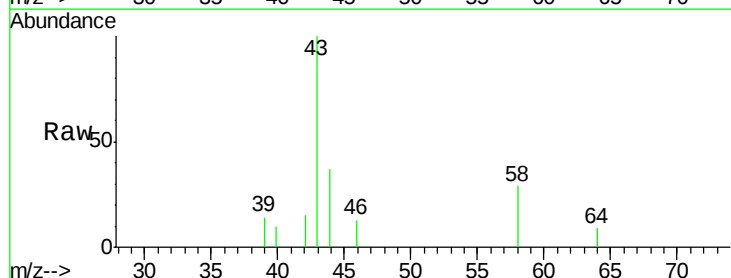
Acq: 07 Jul 2020 17:15

Tgt Ion: 43 Resp: 3085

Ion Ratio Lower Upper

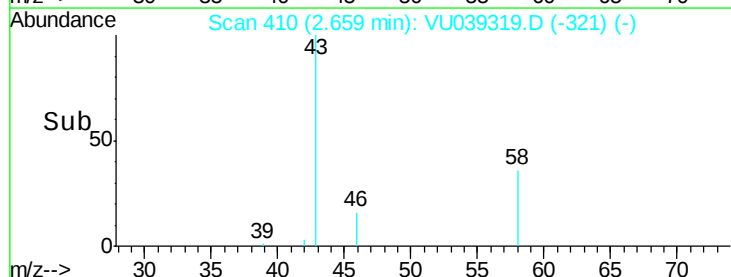
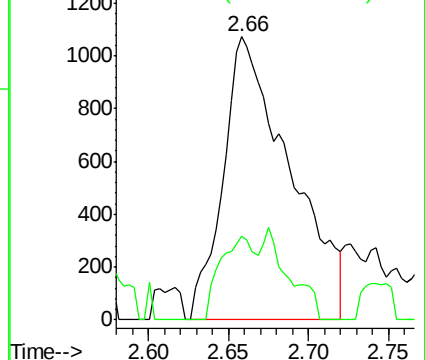
43 100

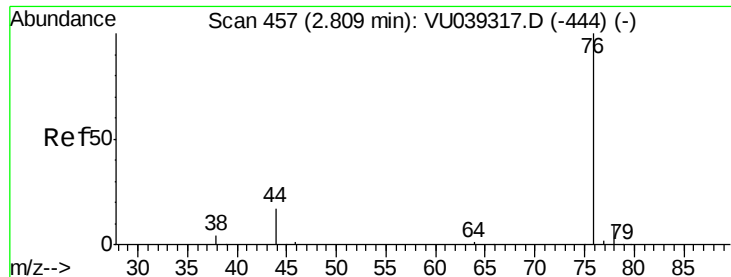
58 15.4 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.130 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039319.D

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ClientSampleId :

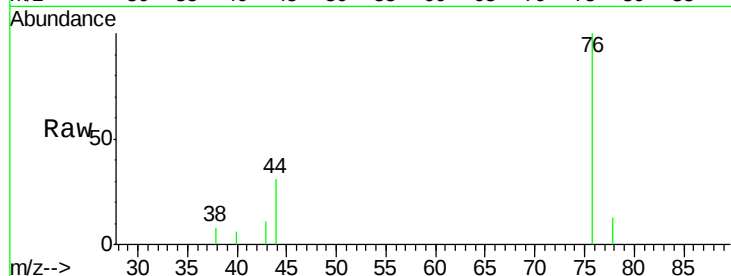
H4276

Tot Ion: 76 Resp: 3002

Ion Ratio Lower Upper

76 100

78 12.7 7.0 10.4#



Abundance Ion 76.05 (75.75 to 76.75): VU039319.D (-364) (-)

Ion 78.00 (77.70 to 78.70): VU039319.D (-364) (-)

2.81

1500

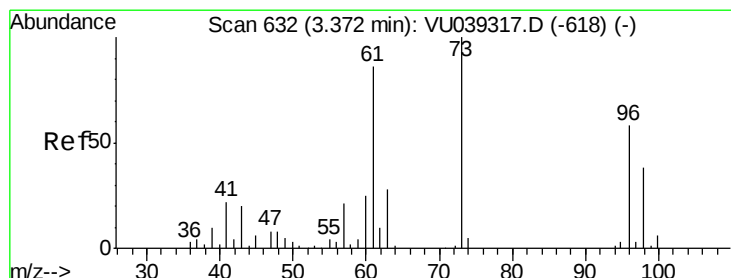
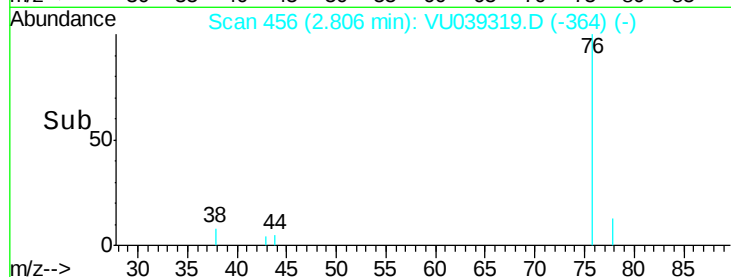
1000

500

0

2.75 2.80 2.85

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.659 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU039319.D

Acq: 07 Jul 2020 17:15

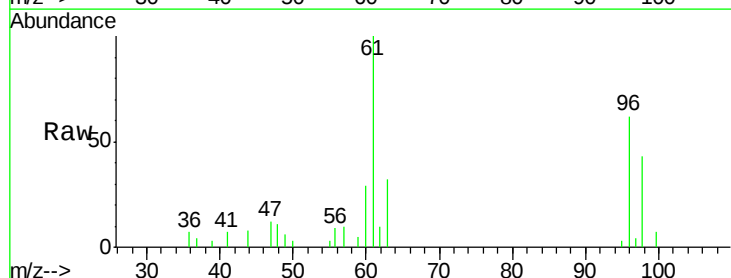
Tgt Ion: 96 Resp: 4773

Ion Ratio Lower Upper

96 100

61 161.8 102.1 189.5

98 69.9 42.5 78.9



Abundance Ion 96.00 (95.70 to 96.70): VU039319.D (-539) (-)

Ion 61.05 (60.75 to 61.75): VU039319.D (-539) (-)

Ion 97.95 (97.65 to 98.65): VU039319.D (-539) (-)

5000

4000

3000

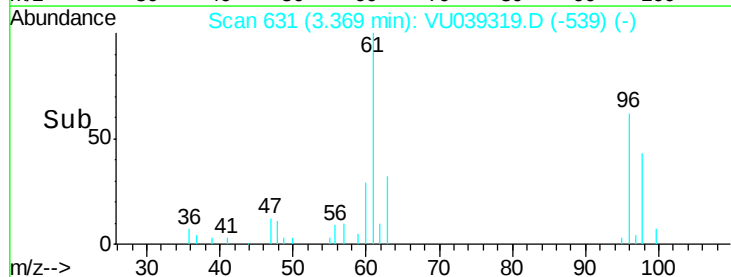
2000

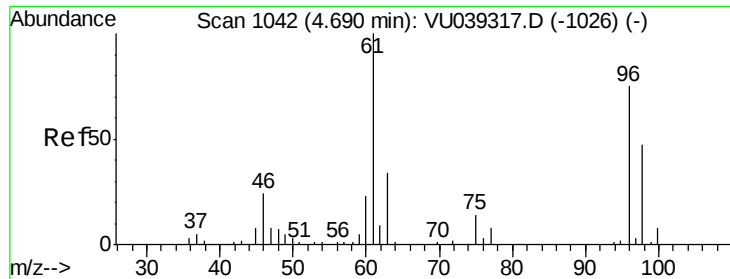
1000

0

3.30 3.35 3.40

Time-->

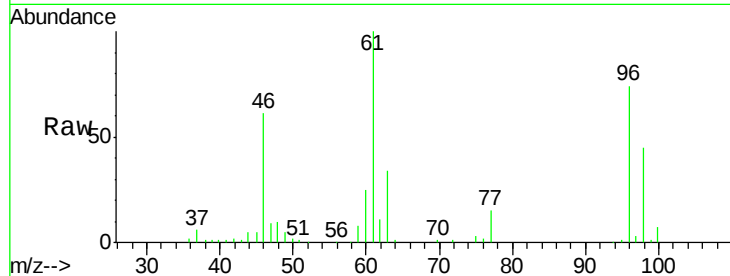




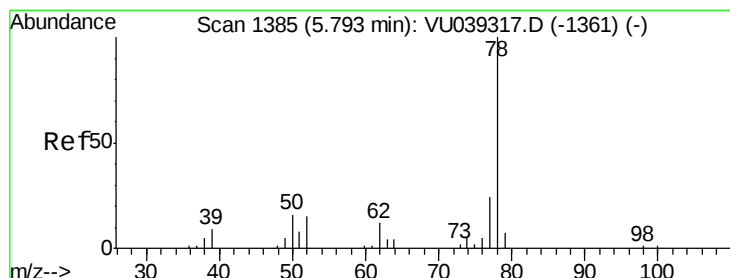
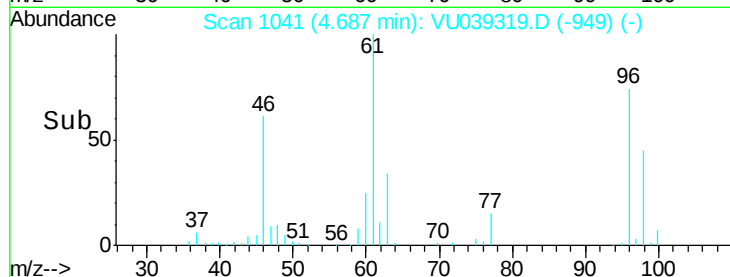
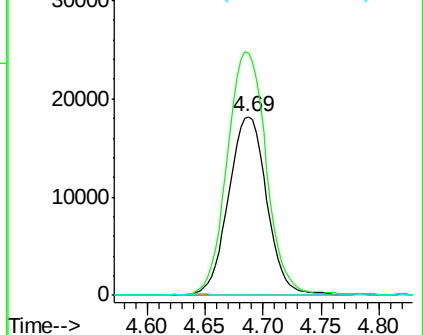
#22
 cis-1,2-Dichloroethene
 Concen: 5.128 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: VU039319.D
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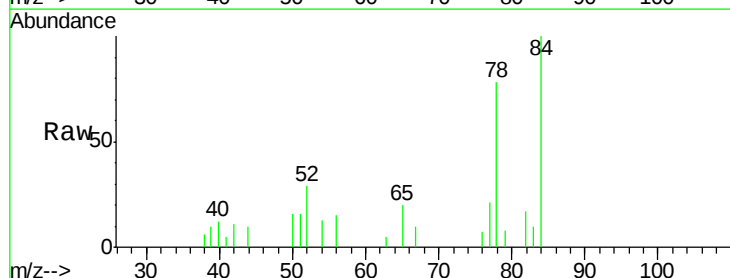
Tot Ion: 96 Resp: 41671
 Ion Ratio Lower Upper
 96 100
 61 135.5 92.8 172.4
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



#33
 Benzene
 Concen: 0.105 ug/L
 RT: 5.78 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: VU039319.D
 Acq: 07 Jul 2020 17:15
 Tgt Ion: 78 Resp: 3312



Abundance Ion 78.10 (77.80 to 78.80): VU0

