

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039334.D
 Acq On : 07 Jul 2020 23:01
 Operator : SY/MD
 Sample : L3193-15DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4282DL

Quant Time: Jul 08 02:58:19 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	6.27	114	112833	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	105572	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50721	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37242	5.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.00%
7) Chloroethane-d5	1.92	69	39204	5.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.20%
11) 1,1-Dichloroethene-d2	2.58	63	54850	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	4.65	46	168548	56.33	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.66%
24) Chloroform-d	5.09	84	81220	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
26) 1,2-Dichloroethane-d4	5.72	65	50714	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.75	84	155373	6.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.20%
36) 1,2-Dichloropropane-d6	6.71	67	53629	6.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.20%
41) Toluene-d8	7.91	98	133350	6.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.00%
43) trans-1,3-Dichloropropene-	8.19	79	22430	5.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.80%
46) 2-Hexanone-d5	8.64	63	126016	53.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.76%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	47886	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	54418	6.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.20%#

Target Compounds

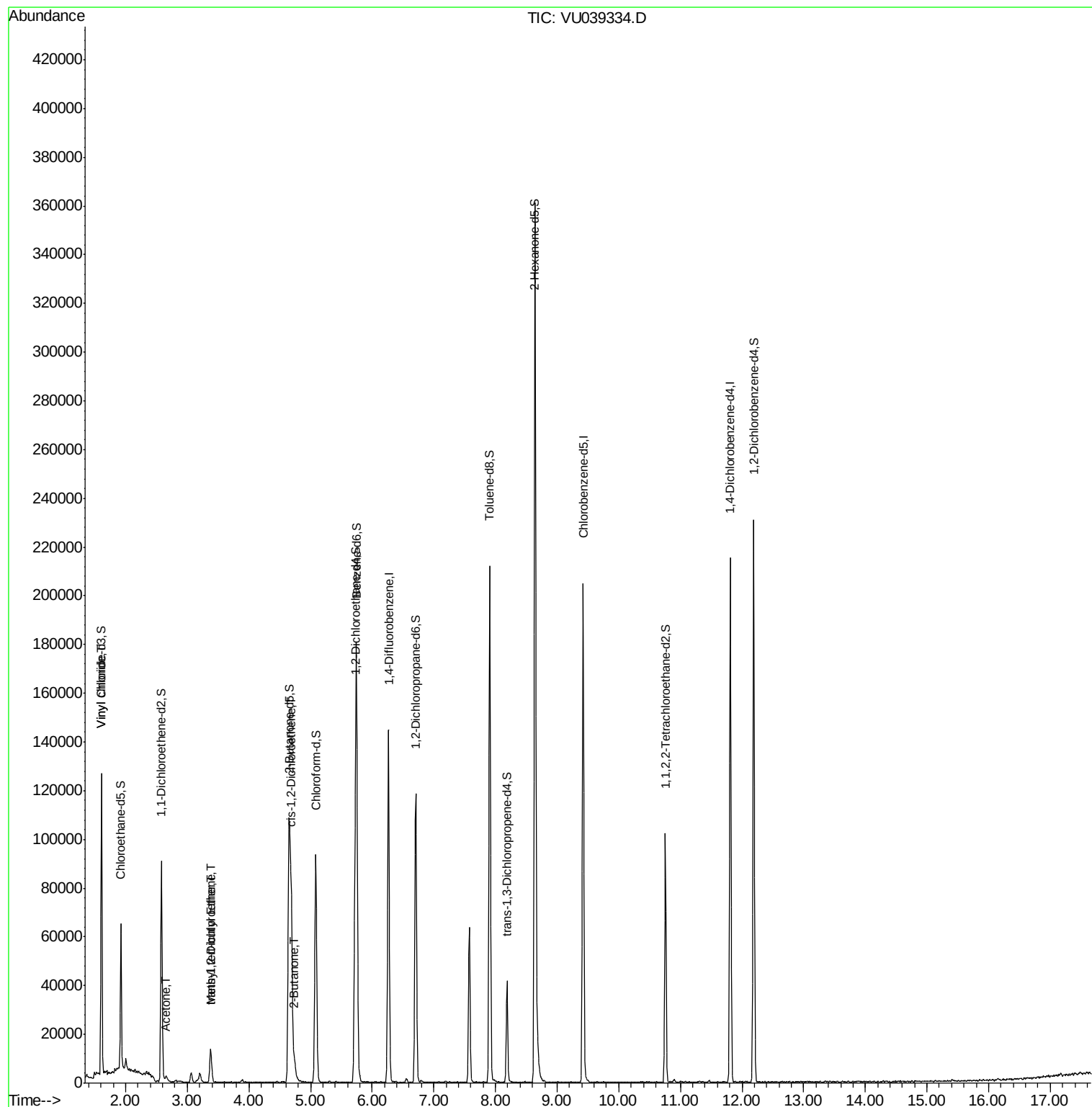
					Ovalue
5) Vinyl chloride	1.61	62	48694	5.293	ug/L 100
13) Acetone	2.66	43	3897	2.413	ug/L 87
17) Methyl tert-butyl Ether	3.39	73	10156	0.480	ug/L 97
18) trans-1,2-Dichloroethene	3.37	96	2151	0.290	ug/L 75
21) 2-Butanone	4.74	43	11695	4.057	ug/L 98
22) cis-1,2-Dichloroethene	4.69	96	23929	2.873	ug/L 99

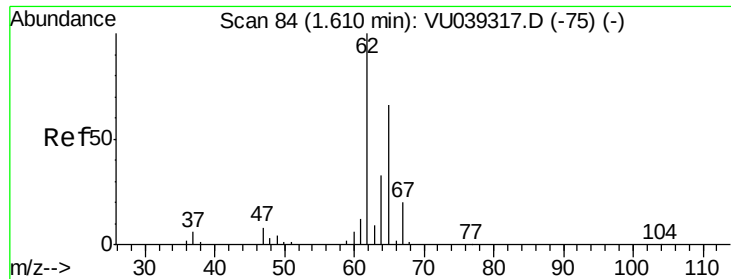
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.293 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039334.D

Acq: 07 Jul 2020 23:01

Instrument :

MSVOA_U

ClientSampleId :

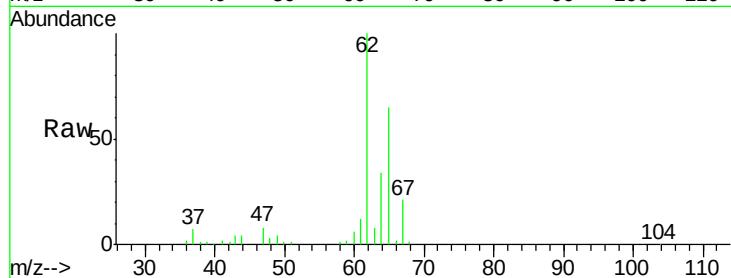
H4282DL

Tot Ion: 62 Resp: 48694

Ion Ratio Lower Upper

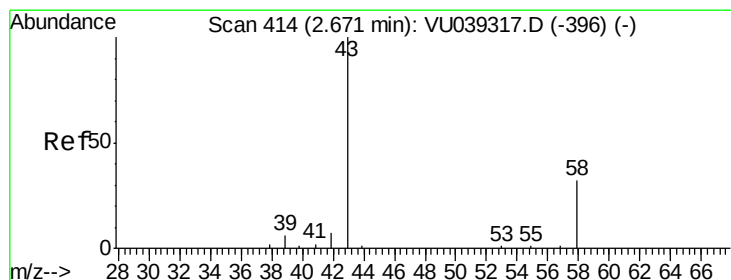
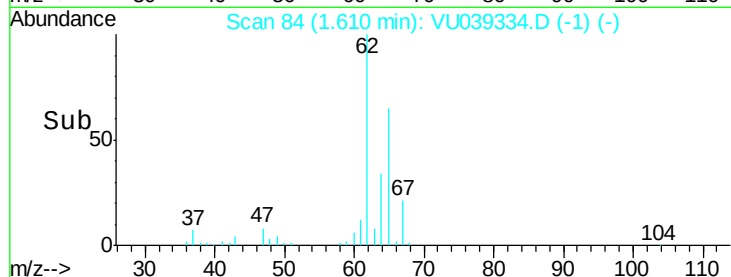
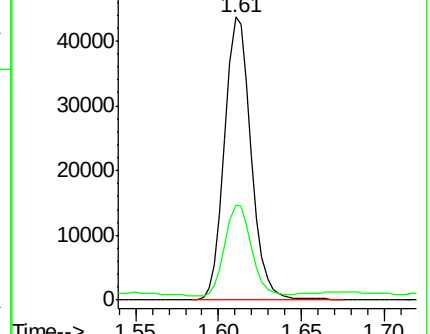
62 100

64 33.8 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: 2.413 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039334.D

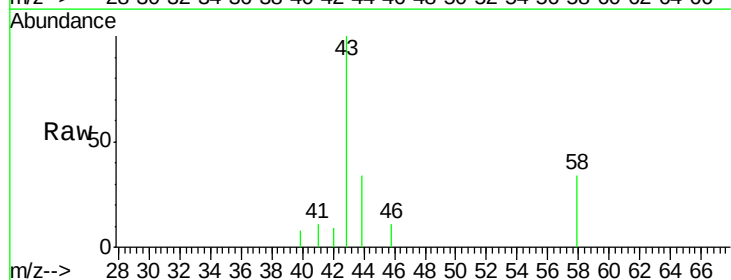
Acq: 07 Jul 2020 23:01

Tgt Ion: 43 Resp: 3897

Ion Ratio Lower Upper

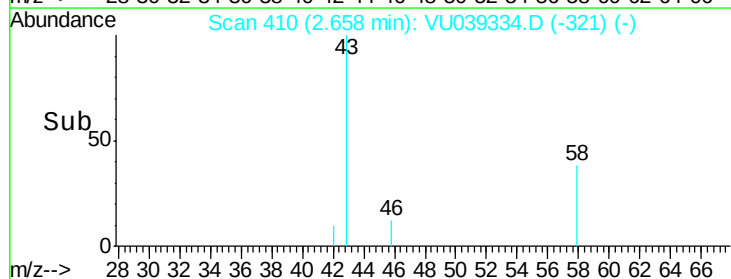
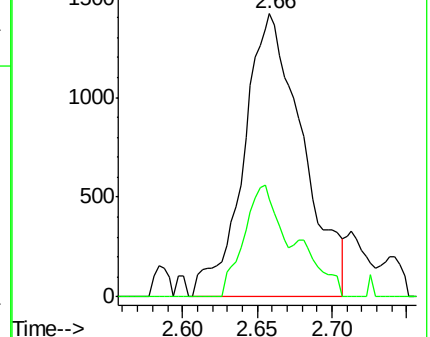
43 100

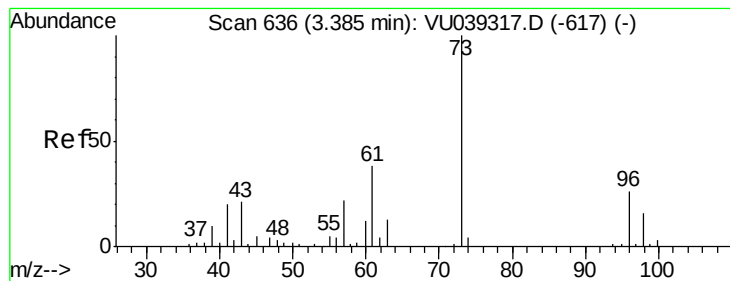
58 24.0 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



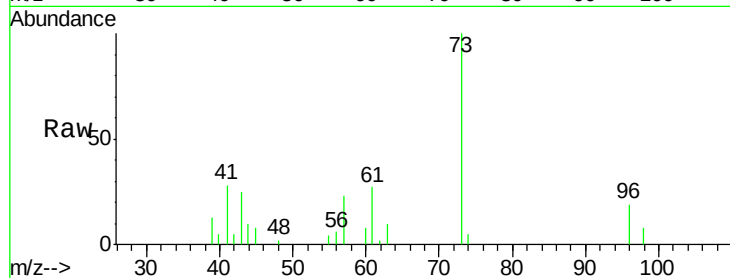


#17

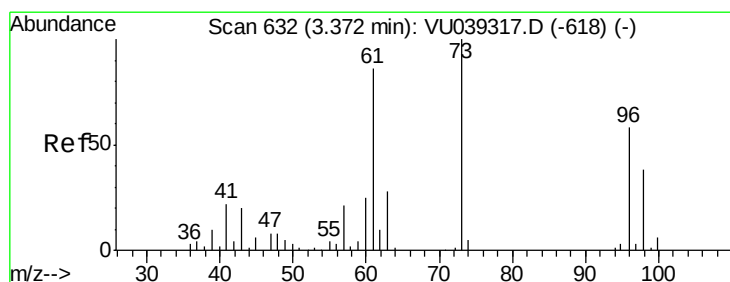
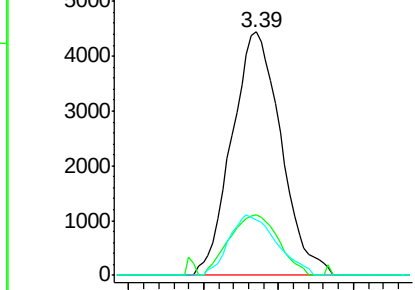
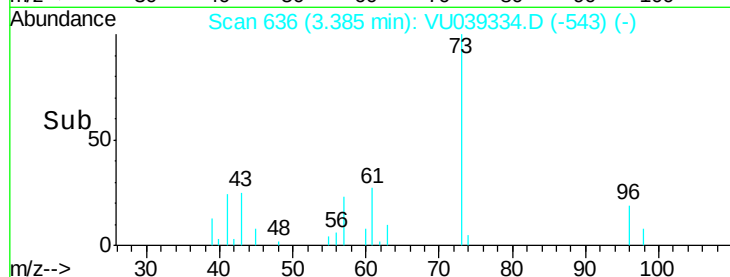
Methyl tert-butyl Ether
 Concen: 0.480 ug/L
 RT: 3.39 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VU039334.D
 Acq: 07 Jul 2020 23:01

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 MSVOA_U
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 H4282DL

Tot Ion: 73 Resp: 10156
 Ion Ratio Lower Upper
 73 100
 43 25.0 18.6 28.0
 57 23.9 17.9 26.9



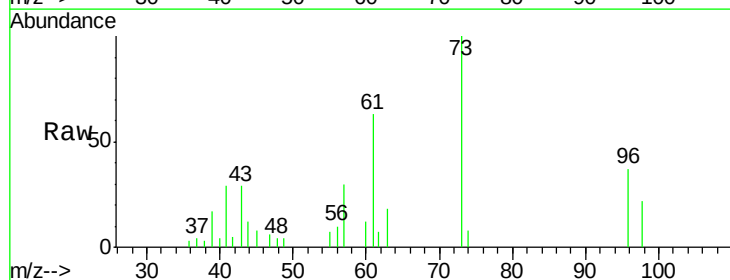
Abundance Ion 73.10 (72.80 to 73.80): VU0
 Ion 43.05 (42.75 to 43.75): VU0
 Ion 57.10 (56.80 to 57.80): VU0



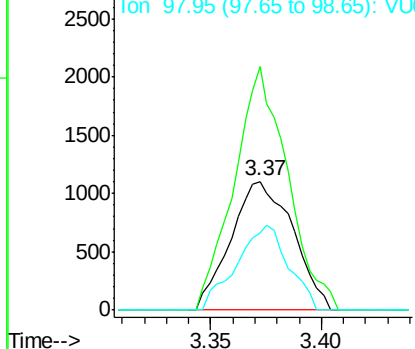
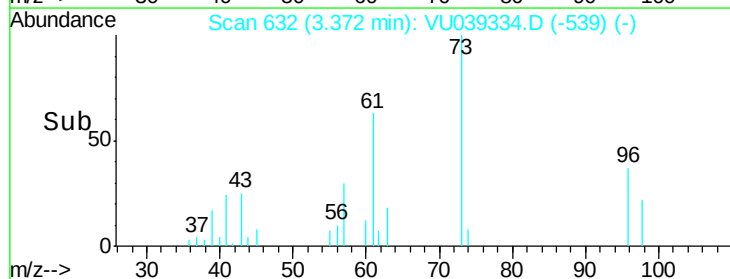
#18

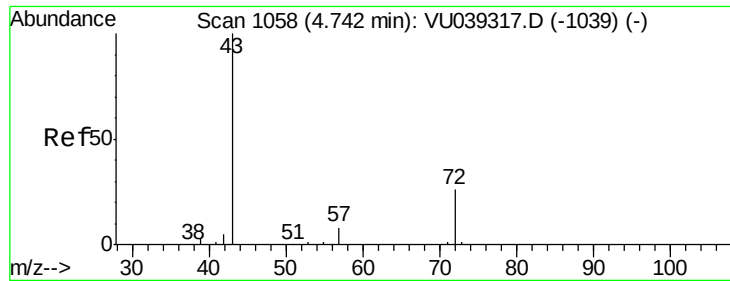
trans-1,2-Dichloroethene
 Concen: 0.290 ug/L
 RT: 3.37 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VU039334.D
 Acq: 07 Jul 2020 23:01

Tgt Ion: 96 Resp: 2151
 Ion Ratio Lower Upper
 96 100
 61 188.8 102.1 189.5
 98 60.1 42.5 78.9



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 97.95 (97.65 to 98.65): VU0





#21

2-Butanone

Concen: 4.057 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VU039334.D

Acq: 07 Jul 2020 23:01

Instrument :

MSVOA_U

ClientSampleId :

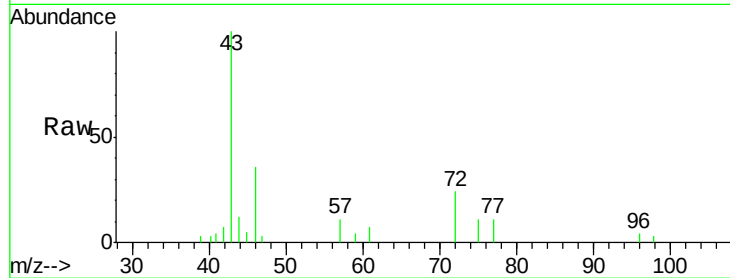
H4282DL

Tot Ion: 43 Resp: 11695

Ion Ratio Lower Upper

43 100

72 27.1 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039334.D (-965) (-)

Ion 72.10 (71.80 to 72.80): VU039334.D (-965) (-)

4.74

4000

3000

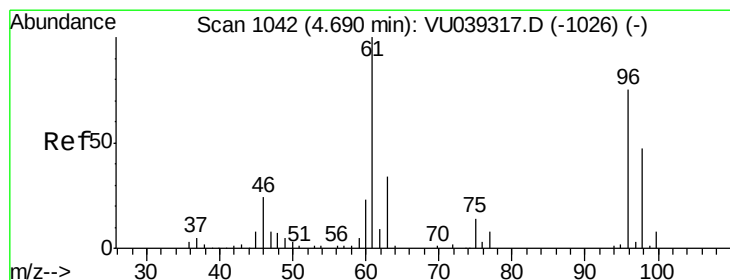
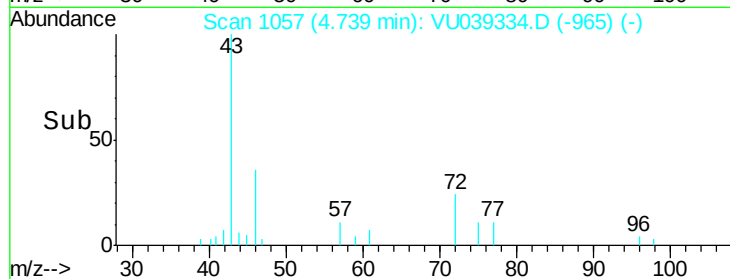
2000

1000

0

4.65 4.70 4.75 4.80 4.85

Time-->



#22

cis-1,2-Dichloroethene

Concen: 2.873 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VU039334.D

Acq: 07 Jul 2020 23:01

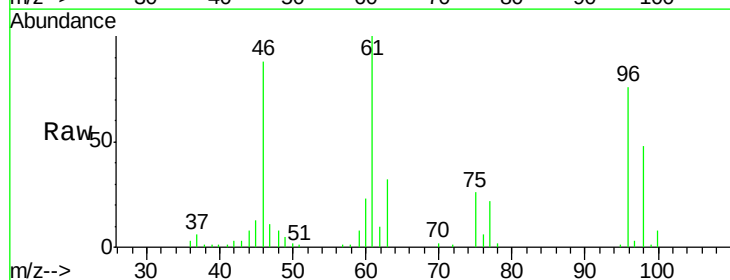
Tgt Ion: 96 Resp: 23929

Ion Ratio Lower Upper

96 100

61 131.4 92.8 172.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039334.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU039334.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU039334.D (-949) (-)

4.69

20000

15000

10000

5000

0

4.60 4.65 4.70 4.75 4.80

Time-->

