

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038520.D
 Acq On : 03 Jun 2020 17:49
 Operator : SY/MD
 Sample : L2873-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETTM8

Quant Time: Jun 04 03:22:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 04 01:48:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	287060	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	286180	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	135468	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63965	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.93	69	59346	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.59	63	100967	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.67	46	354055	62.73	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.46%
24) Chloroform-d	5.10	84	177343	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.74	65	108750	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.76	84	333446	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.72	67	106784	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.92	98	276983	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.20	79	44544	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.65	63	299382	64.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104401	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	124667	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

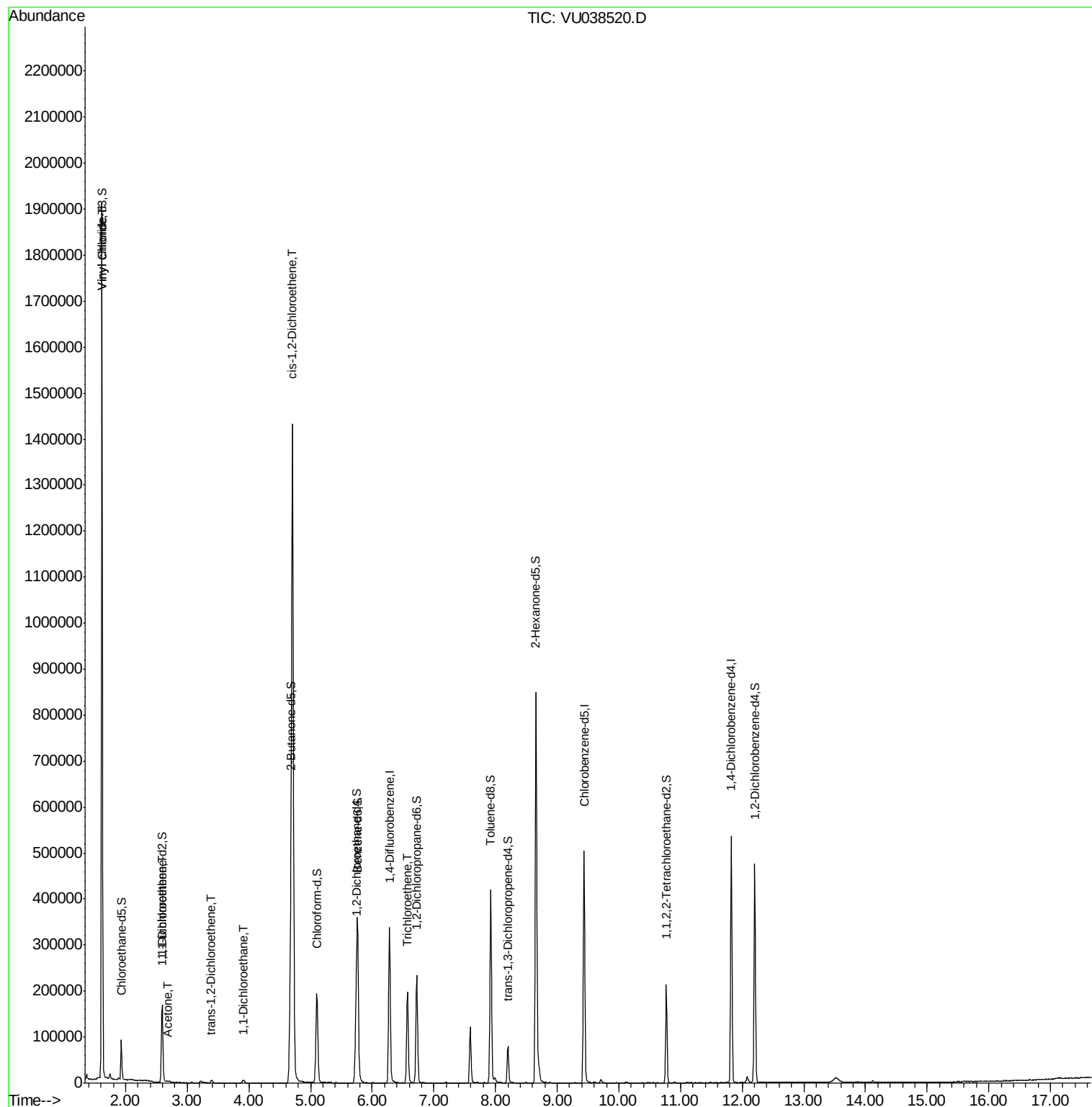
					Ovalue
5) Vinyl chloride	1.62	62	1199482	53.881 ug/L	96
12) 1,1-Dichloroethene	2.61	96	5018	0.284 ug/L #	1
13) Acetone	2.68	43	4611	1.248 ug/L	87
18) trans-1,2-Dichloroethene	3.38	96	1653	0.087 ug/L	91
19) 1,1-Dichloroethane	3.91	63	7522	0.221 ug/L #	92
22) cis-1,2-Dichloroethene	4.71	96	710761	34.646 ug/L	96
34) Trichloroethene	6.57	95	66437	3.208 ug/L	99

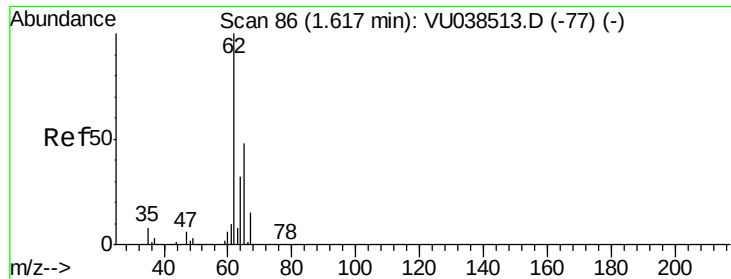
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 53.881 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038520.D

Acq: 03 Jun 2020 17:49

Instrument :

MSVOA_U

ClientSampleId :

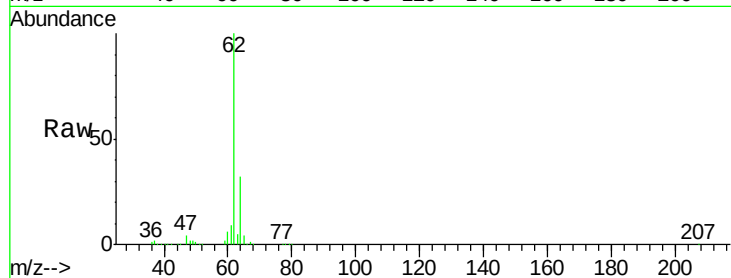
ETTM8

Tot Ion: 62 Resp: 1199482

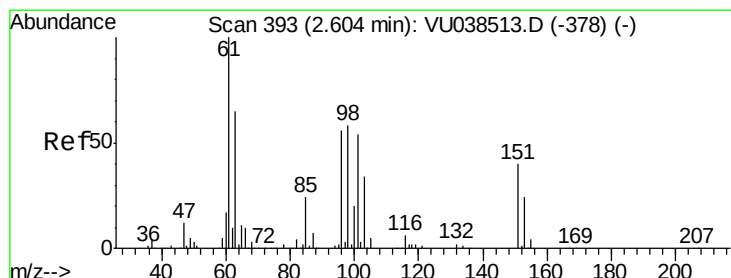
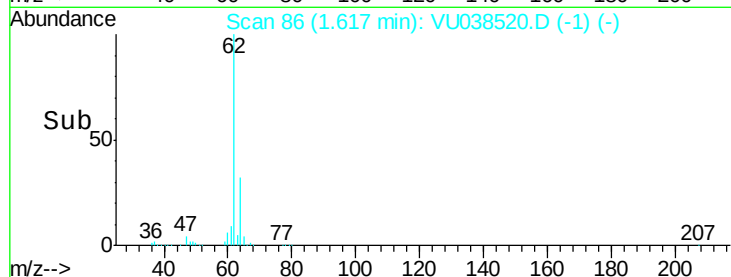
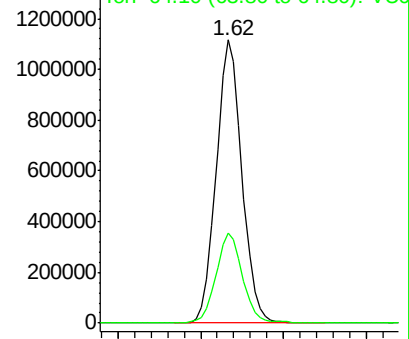
Ion Ratio Lower Upper

62 100

64 31.8 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU038520.D (-1) (-)



#12

1,1-Dichloroethene

Concen: 0.284 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038520.D

Acq: 03 Jun 2020 17:49

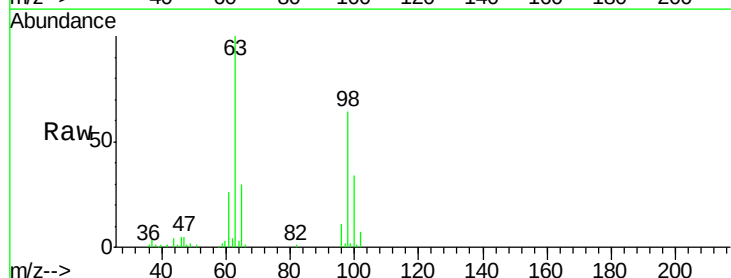
Tgt Ion: 96 Resp: 5018

Ion Ratio Lower Upper

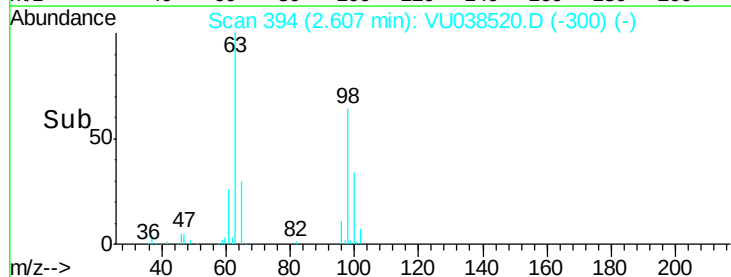
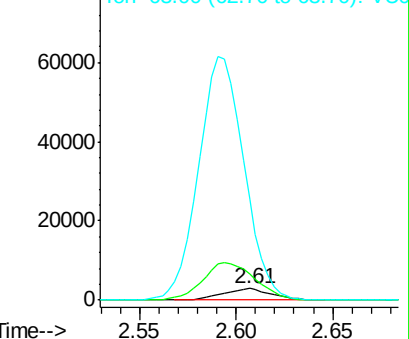
96 100

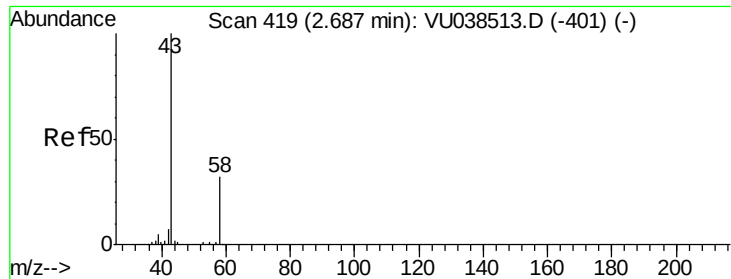
61 233.8 119.9 222.7#

63 883.4 89.9 167.0#



Abundance Ion 96.00 (95.70 to 96.70): VU038520.D (-300) (-)





#13

Acetone

Concen: 1.248 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.00 min

Lab File: VU038520.D

Acq: 03 Jun 2020 17:49

Instrument :

MSVOA_U

ClientSampled :

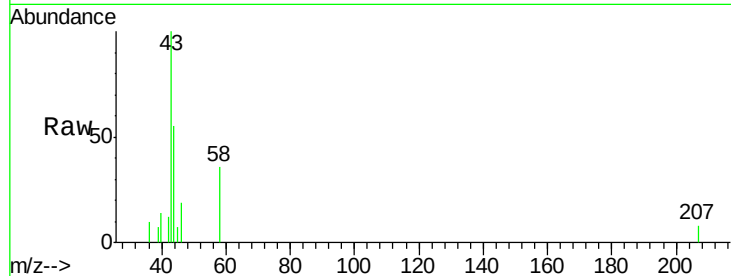
ETTM8

Tot Ion: 43 Resp: 4611

Ion Ratio Lower Upper

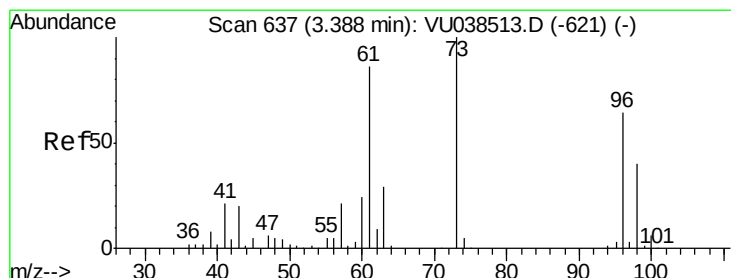
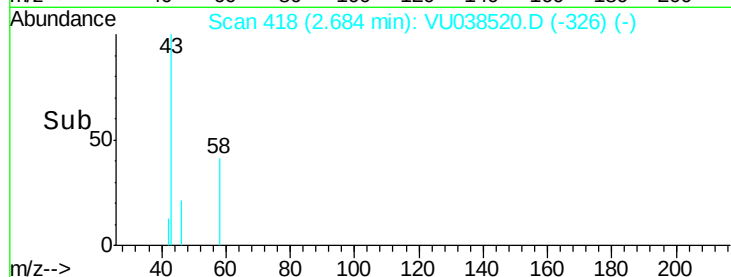
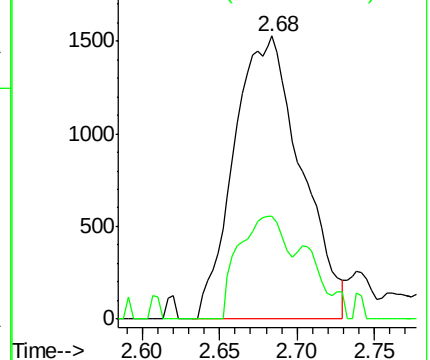
43 100

58 25.7 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.087 ug/L

RT: 3.38 min Scan# 635

Delta R.T. -0.01 min

Lab File: VU038520.D

Acq: 03 Jun 2020 17:49

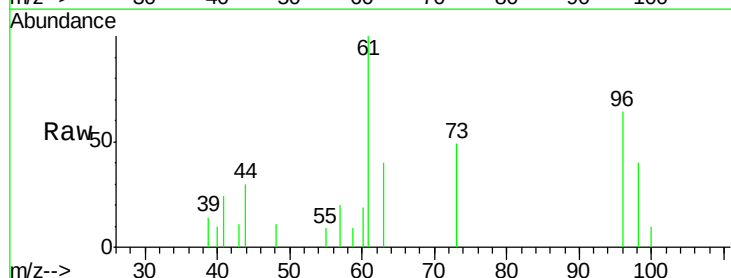
Tgt Ion: 96 Resp: 1653

Ion Ratio Lower Upper

96 100

61 157.1 100.2 186.0

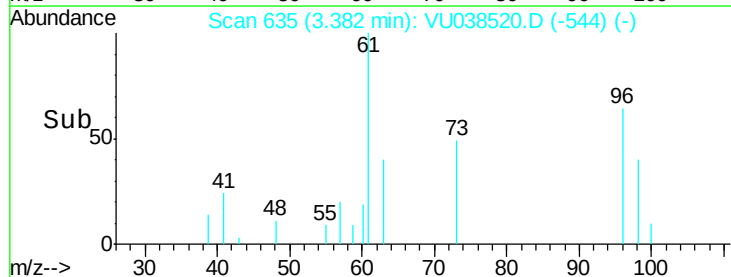
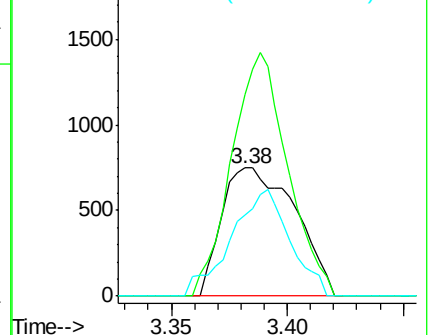
98 62.9 42.8 79.4

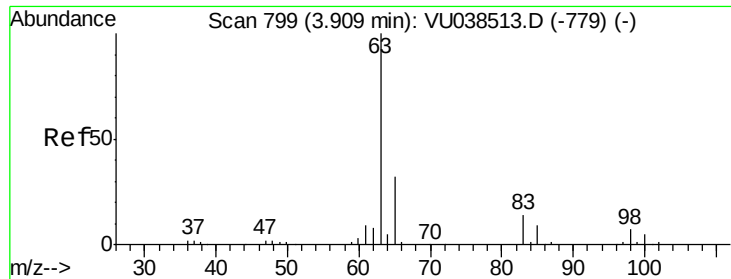


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0

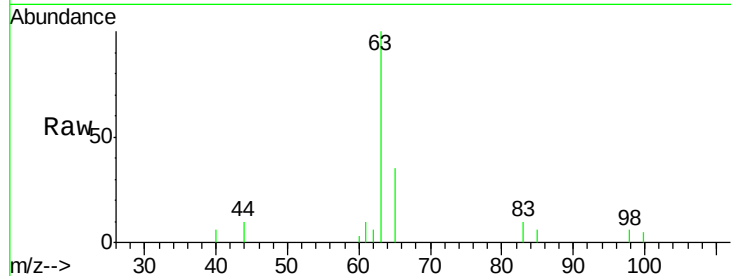




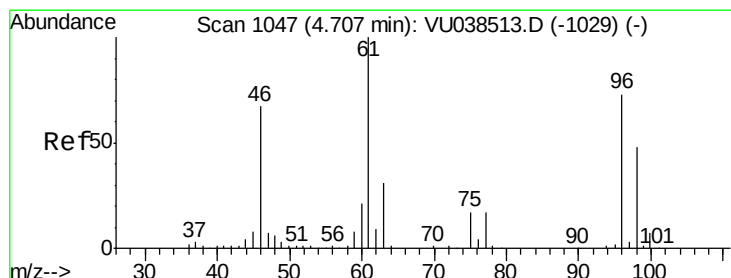
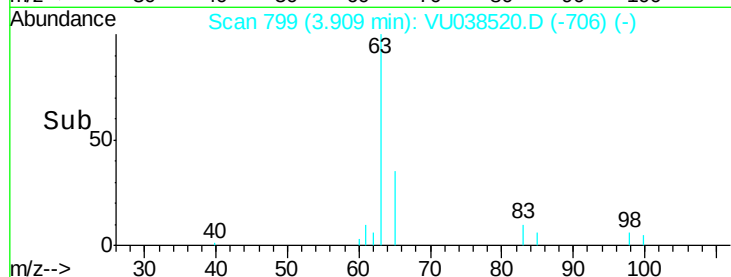
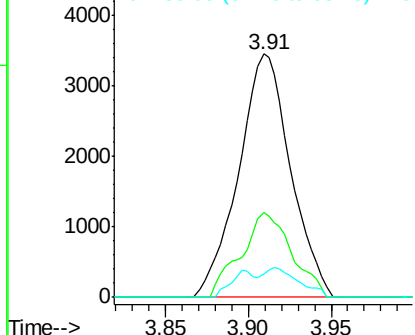
#19
 1,1-Dichloroethane
 Concen: 0.221 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU038520.D
 Acq: 03 Jun 2020 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 ETTM8

Tot Ion: 63 Resp: 7522
 Ion Ratio Lower Upper
 63 100
 65 34.9 22.3 41.5
 83 9.6 10.4 19.4#

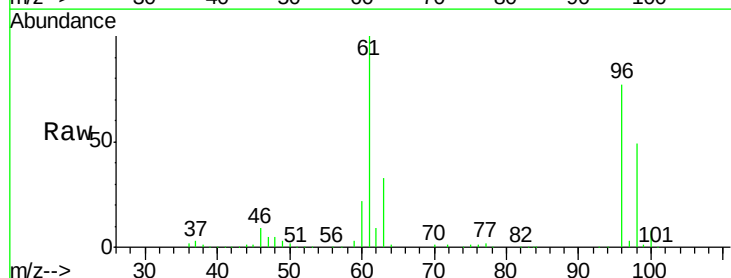


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

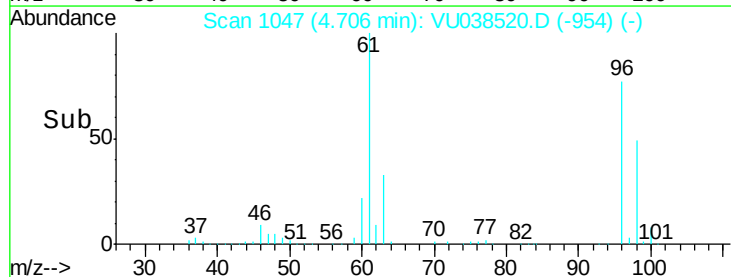
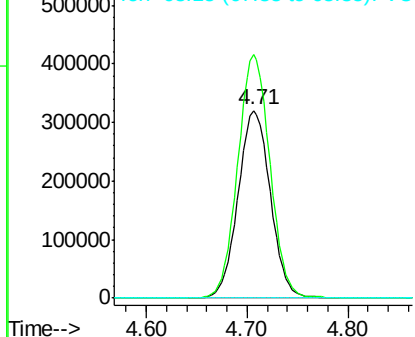


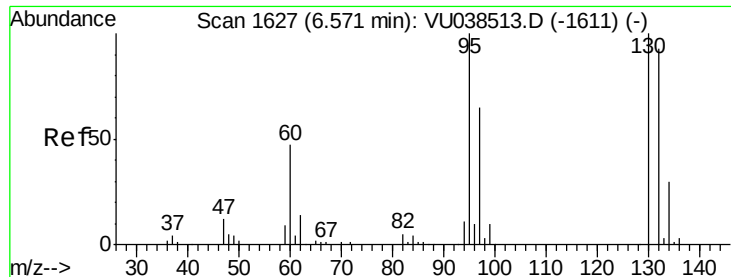
#22
 cis-1,2-Dichloroethene
 Concen: 34.646 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU038520.D
 Acq: 03 Jun 2020 17:49

Tgt Ion: 96 Resp: 710761
 Ion Ratio Lower Upper
 96 100
 61 129.9 94.0 174.6
 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





#34

Trichloroethene

Concen: 3.208 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038520.D

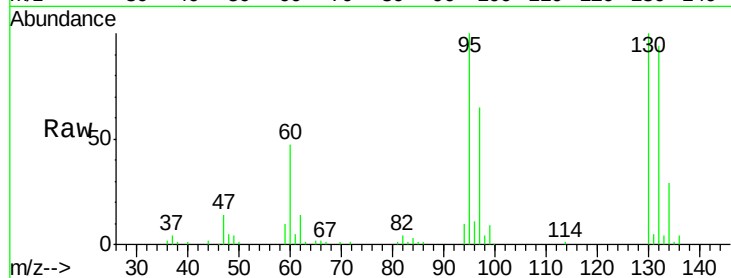
Acq: 03 Jun 2020 17:49

Instrument :

MSVOA_U

ClientSampleId :

ETTM8



Tot Ion: 95 Resp: 66437

Ion Ratio Lower Upper

95 100

97 64.6 46.8 87.0

132 94.3 66.1 122.7

130 99.5 70.0 130.0

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

