

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037788.D
 Acq On : 17 Apr 2020 22:12
 Operator : JC/MD
 Sample : L2292-14
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 18 05:22:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 05:19:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	248116	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	241124	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	118160	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100586	5.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.20%
7) Chloroethane-d5	1.93	69	84845	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.59	63	130741	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.67	46	311314	60.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.76%
24) Chloroform-d	5.10	84	163113	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.74	65	100759	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.76	84	363262	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.72	67	120390	5.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.60%
41) Toluene-d8	7.92	98	329125	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
43) trans-1,3-Dichloropropene-	8.20	79	51120	5.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.40%
46) 2-Hexanone-d5	8.66	63	277620	56.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	93740	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	118927	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

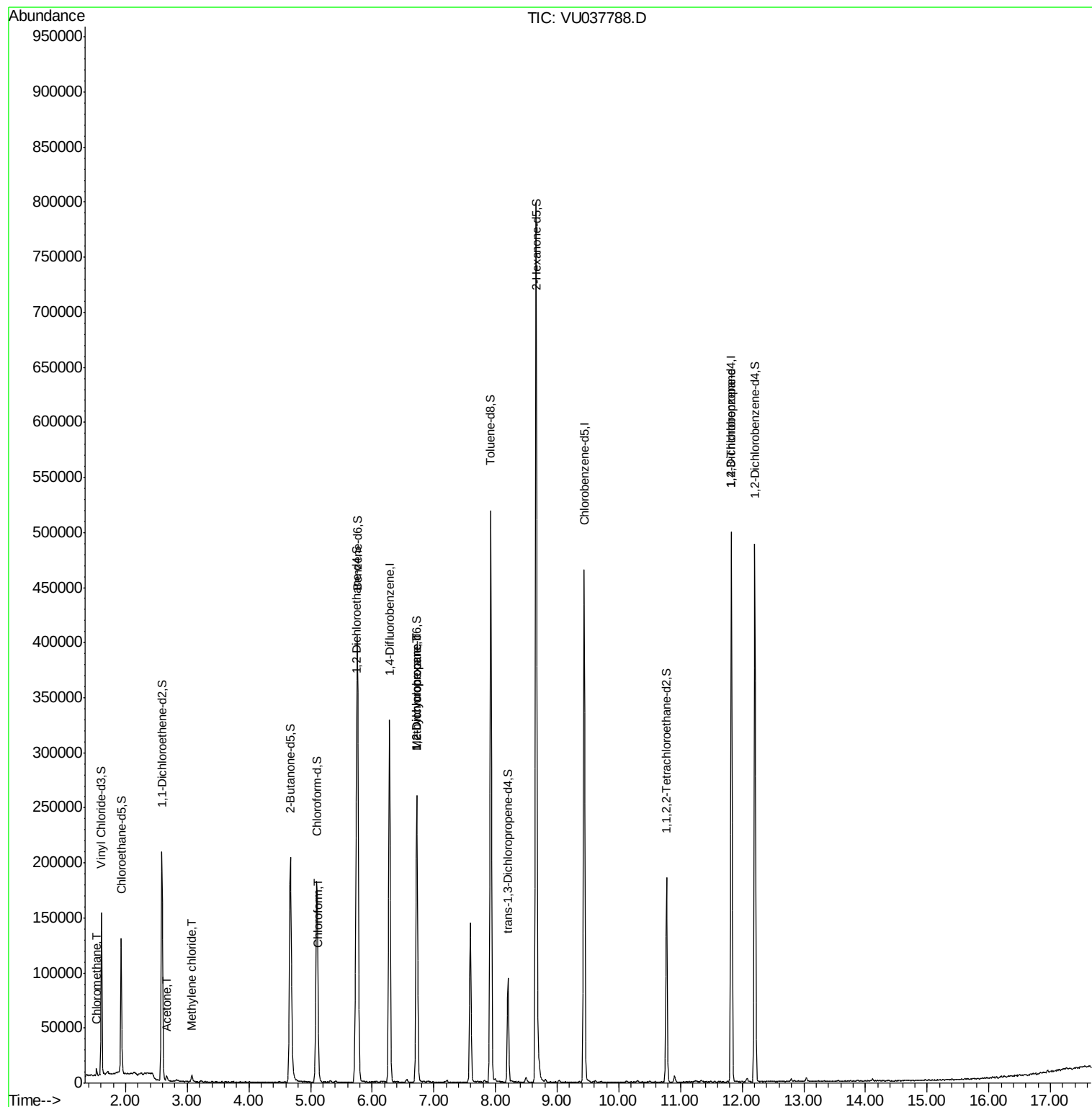
					Ovalue
3) Chloromethane	1.53	50	4154	0.156 ug/L	98
13) Acetone	2.67	43	5686	1.673 ug/L	93
16) Methylene chloride	3.08	84	2285	0.118 ug/L	80
25) Chloroform	5.13	83	5579	0.164 ug/L	92
35) Methylcyclohexane	6.72	83	26313	0.767 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13165	0.623 ug/L #	87
59) 1,2,3-Trichloropropane	11.83	75	16668	1.205 ug/L	89

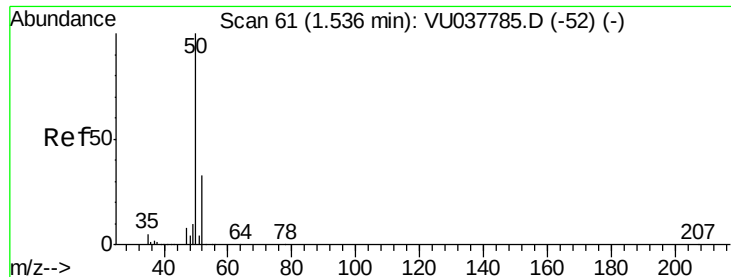
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.156 ug/L

RT: 1.53 min Scan# 59

Delta R.T. -0.01 min

Lab File: VU037788.D

Acq: 17 Apr 2020 22:12

Instrument :

MSVOA_U

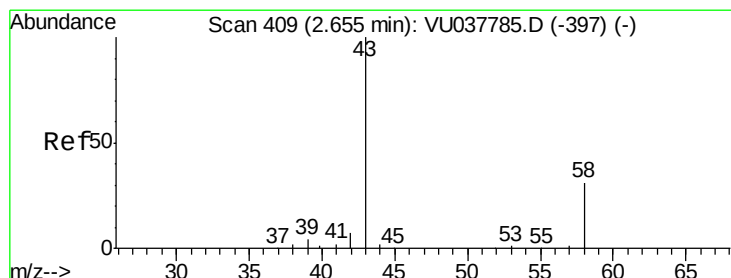
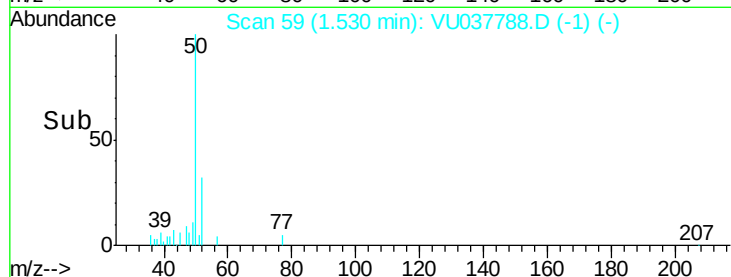
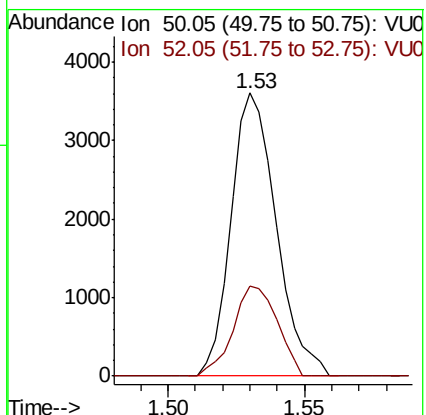
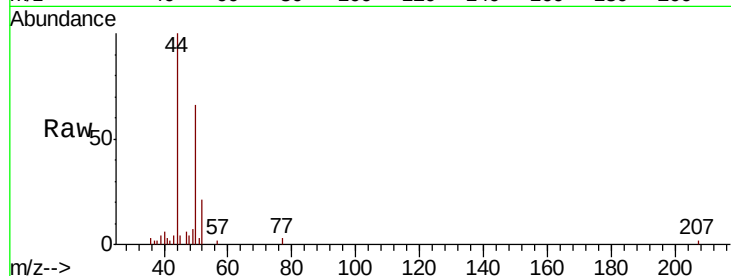
ClientSampleId :

Tot Ion: 50 Resp: 4154

Ion Ratio Lower Upper

50 100

52 31.9 23.0 42.6



#13

Acetone

Concen: 1.673 ug/L

RT: 2.67 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU037788.D

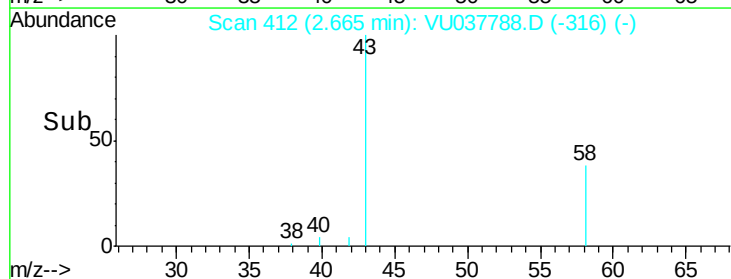
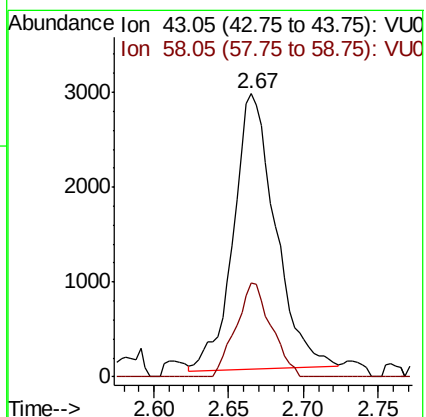
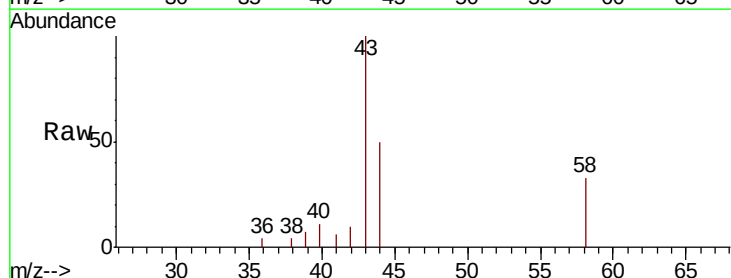
Acq: 17 Apr 2020 22:12

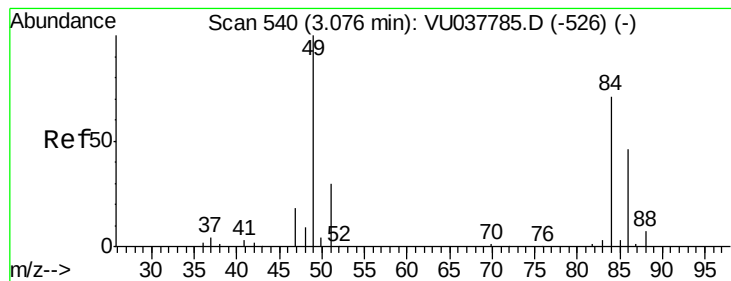
Tgt Ion: 43 Resp: 5686

Ion Ratio Lower Upper

43 100

58 28.5 0.0 64.8





#16

Methvlene chloride

Concen: 0.118 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU037788.D

Acq: 17 Apr 2020 22:12

Instrument :

MSVOA_U

ClientSampled :

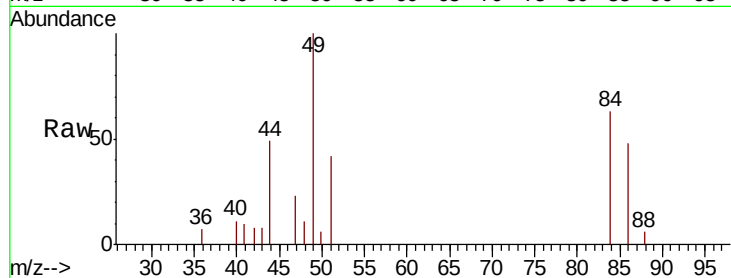
Tot Ion: 84 Resp: 2285

Ion Ratio Lower Upper

84 100

86 75.2 44.2 82.0

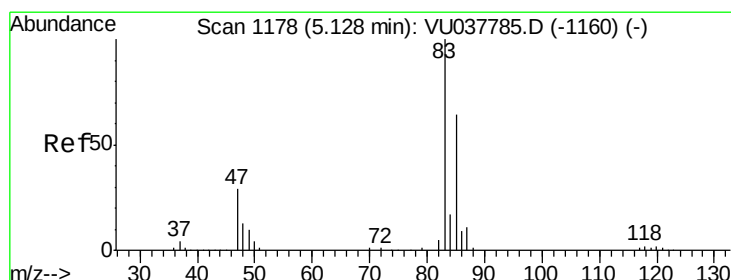
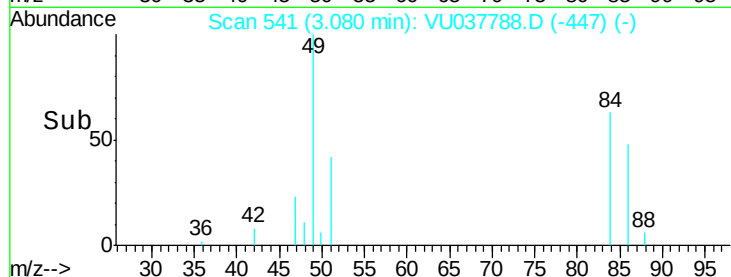
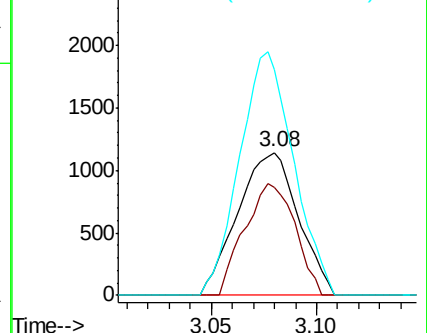
49 157.6 92.4 171.6



Abundance Ion 84.05 (83.75 to 84.75): VU037788.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU037788.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU037788.D (-526) (-)



#25

Chloroform

Concen: 0.164 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU037788.D

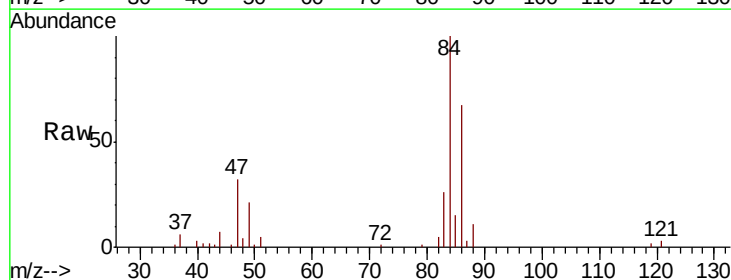
Acq: 17 Apr 2020 22:12

Tgt Ion: 83 Resp: 5579

Ion Ratio Lower Upper

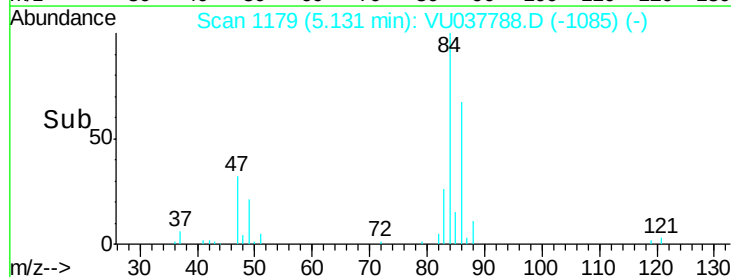
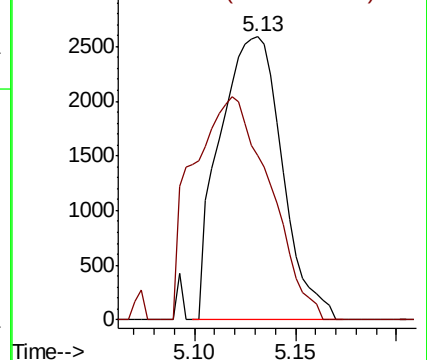
83 100

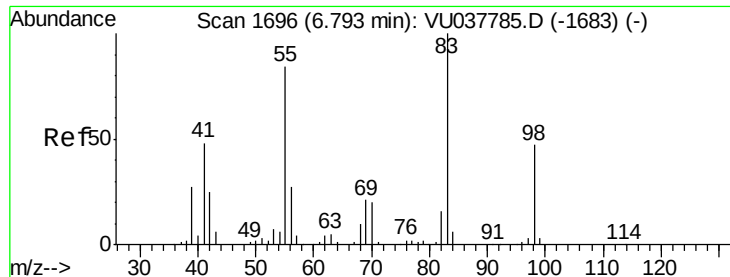
85 58.2 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU037788.D (-1160) (-)

Ion 85.00 (84.70 to 85.70): VU037788.D (-1160) (-)





#35

Methylvlcyclohexane

Concen: 0.767 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU037788.D

Acq: 17 Apr 2020 22:12

Instrument :

MSVOA_U

ClientSampleId :

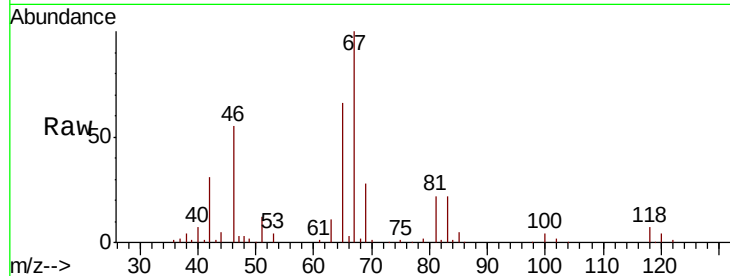
Tot Ion: 83 Resp: 26313

Ion Ratio Lower Upper

83 100

55 0.5 65.5 98.3#

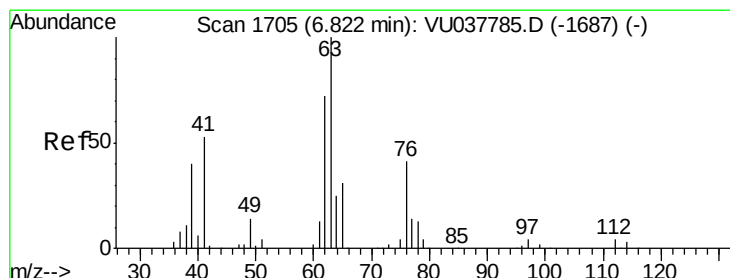
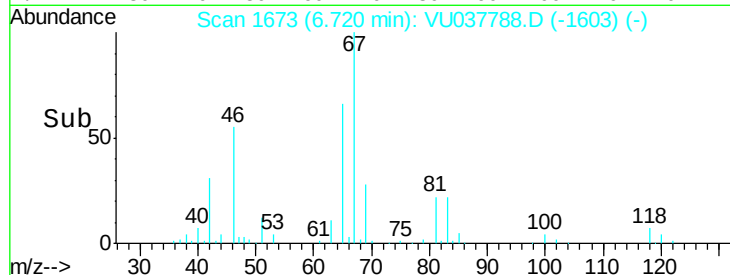
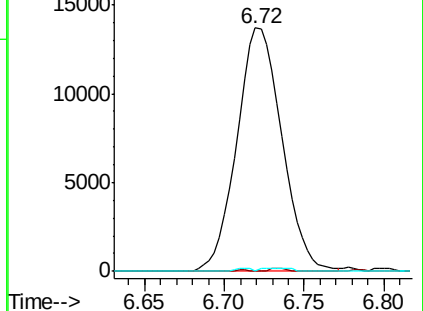
98 0.6 38.2 57.4#



Abundance Ion 83.15 (82.85 to 83.85): VU037788.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU037788.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU037788.D (-1603) (-)



#37

1,2-Dichloropropane

Concen: 0.623 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037788.D

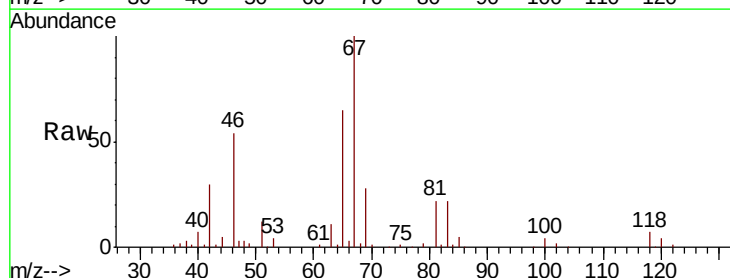
Acq: 17 Apr 2020 22:12

Tgt Ion: 63 Resp: 13165

Ion Ratio Lower Upper

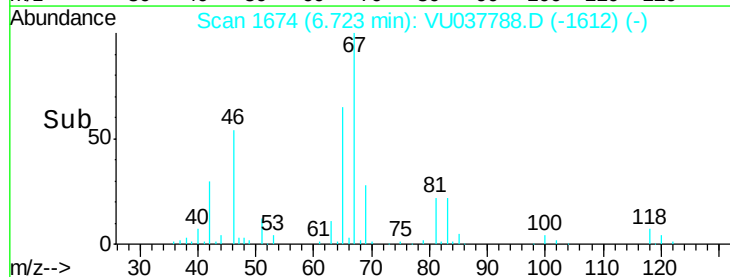
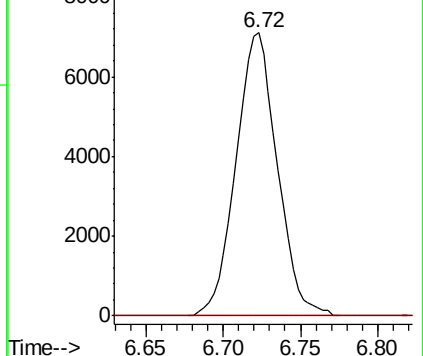
63 100

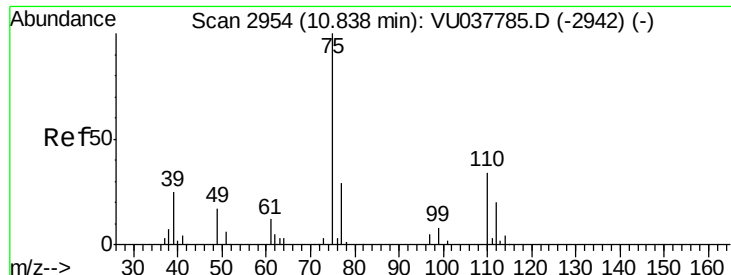
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VU037788.D (-1612) (-)

Ion 112.10 (111.80 to 112.80): VU037788.D (-1612) (-)





#59

1,2,3-Trichloropropane

Concen: 1.205 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037788.D

Acq: 17 Apr 2020 22:12

Instrument :

MSVOA_U

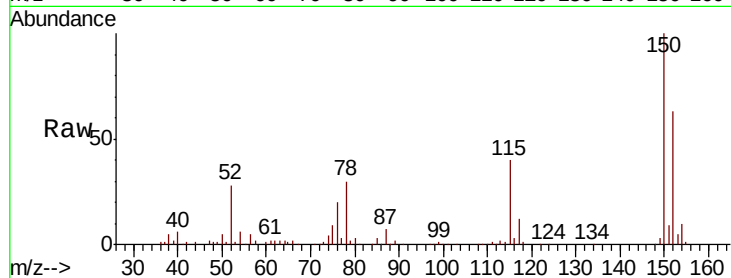
ClientSampleId :

Tot Ion: 75 Resp: 16668

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

