

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041520\
 Data File : VU037730.D
 Acq On : 15 Apr 2020 13:50
 Operator : JC/MD
 Sample : L2275-22DL 5X
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 01:26:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 01:23:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	271543	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	258183	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	125446	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97706	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.93	69	81181	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.59	63	124443	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.66	46	279060	49.45	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.90%
24) Chloroform-d	5.10	84	153654	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.74	65	94414	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.76	84	335059	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.72	67	110768	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.92	98	304612	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.20	79	47600	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.65	63	250282	47.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	84619	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	109520	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

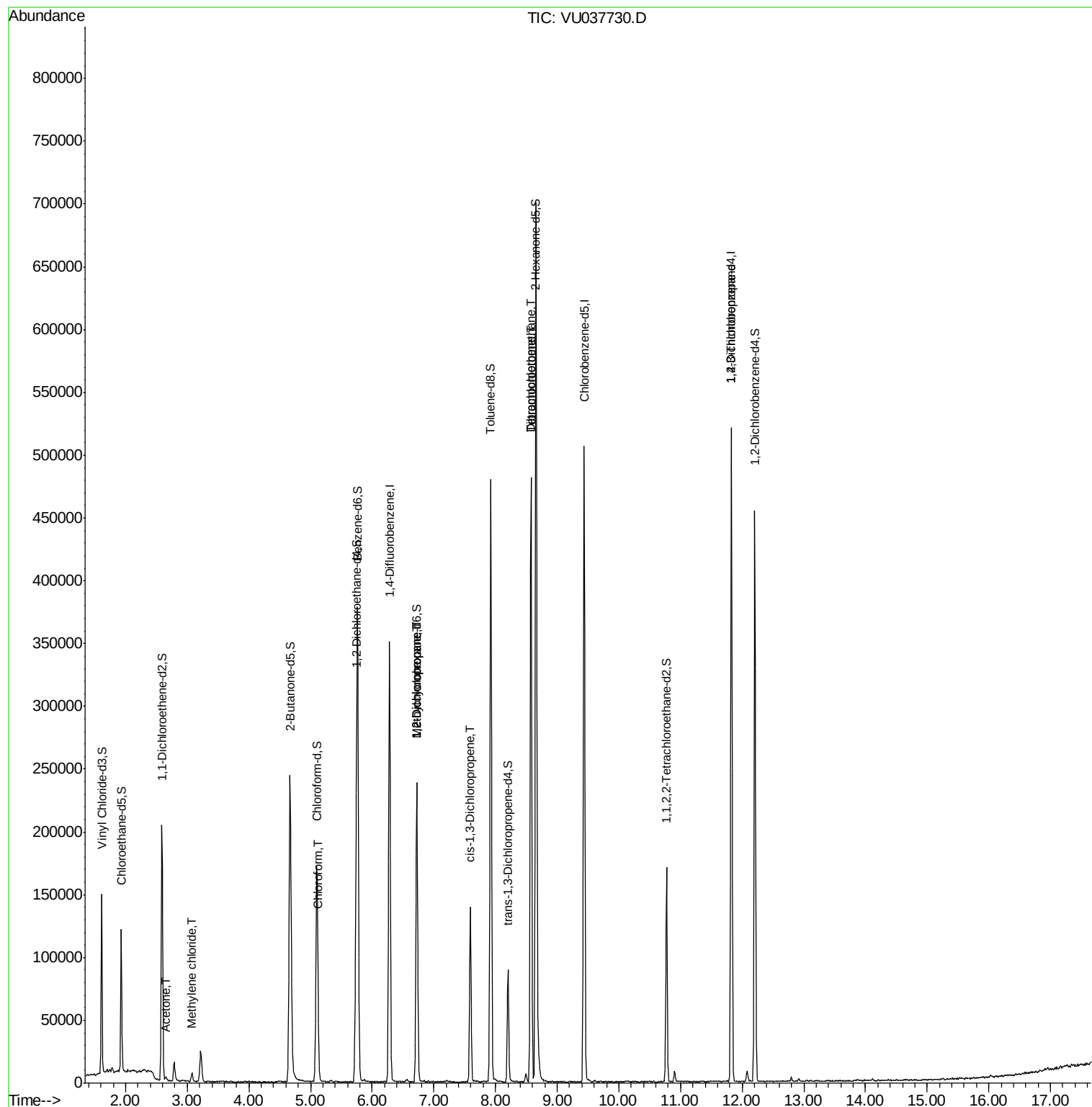
					Ovalue
13) Acetone	2.66	43	3587	0.964 ug/L	99
16) Methylene chloride	3.08	84	2950	0.140 ug/L	96
25) Chloroform	5.13	83	6935	0.186 ug/L	100
35) Methylcyclohexane	6.72	83	25037	0.681 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11809	0.522 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3256	0.092 ug/L #	60
47) Tetrachloroethene	8.57	164	99770	6.623 ug/L	99
49) Dibromochloromethane	8.57	129	97460	5.594 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	19002	1.283 ug/L	94

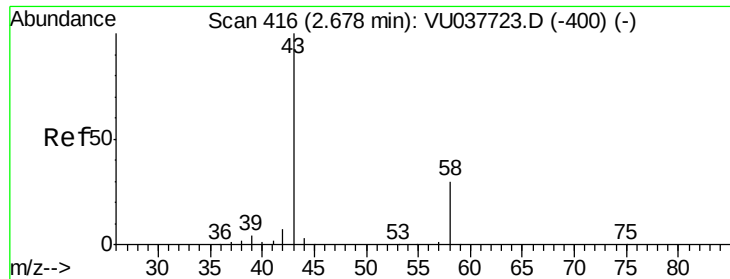
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 16 01:23:00 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.964 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU037730.D

Acq: 15 Apr 2020 13:50

Instrument :

MSVOA_U

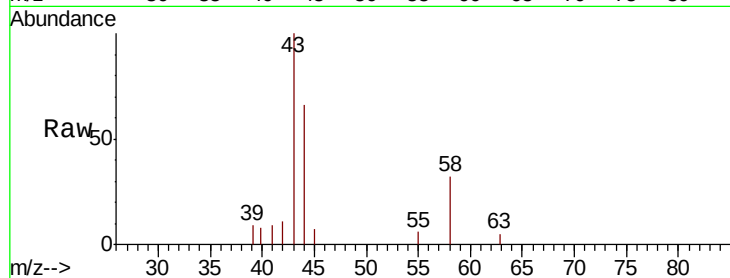
ClientSampleId :

Tot Ion: 43 Resp: 3587

Ion Ratio Lower Upper

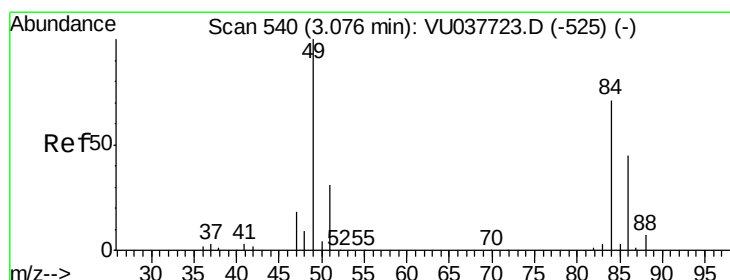
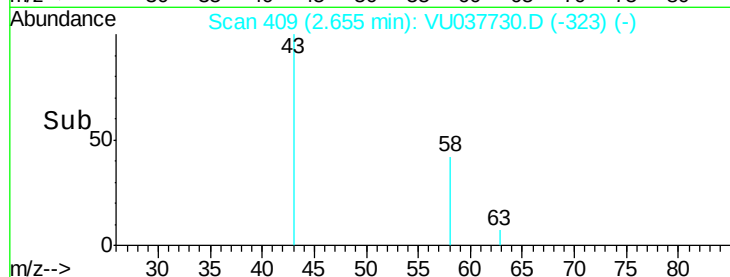
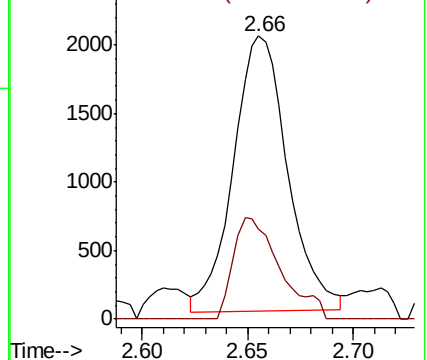
43 100

58 31.8 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037730.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU037730.D (-323) (-)



#16

Methylene chloride

Concen: 0.140 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU037730.D

Acq: 15 Apr 2020 13:50

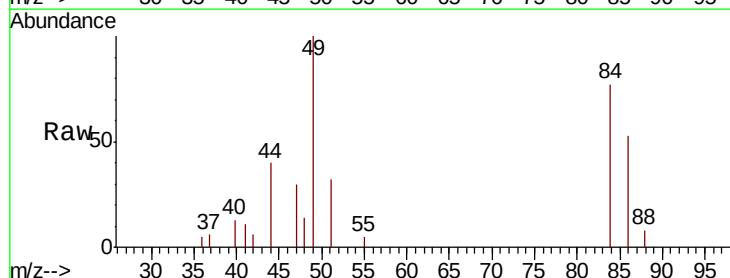
Tgt Ion: 84 Resp: 2950

Ion Ratio Lower Upper

84 100

86 68.3 44.2 82.0

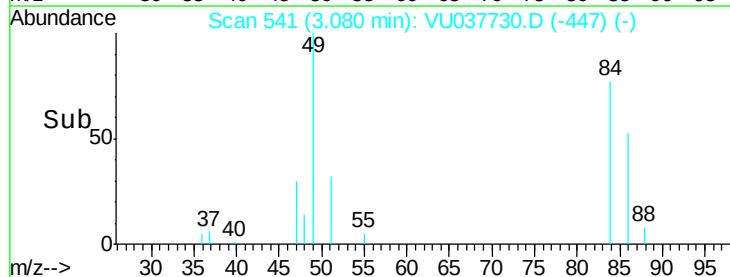
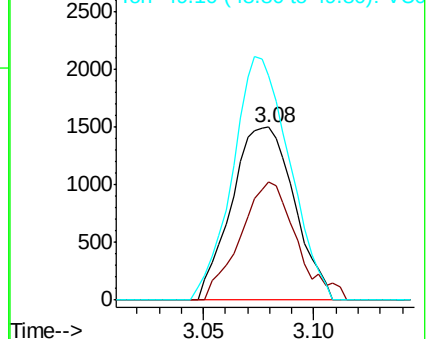
49 129.4 92.4 171.6

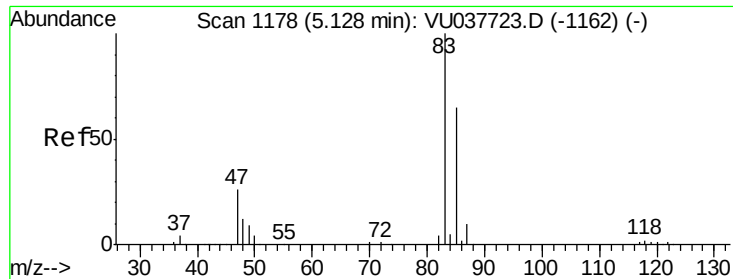


Abundance Ion 84.05 (83.75 to 84.75): VU037730.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU037730.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU037730.D (-447) (-)

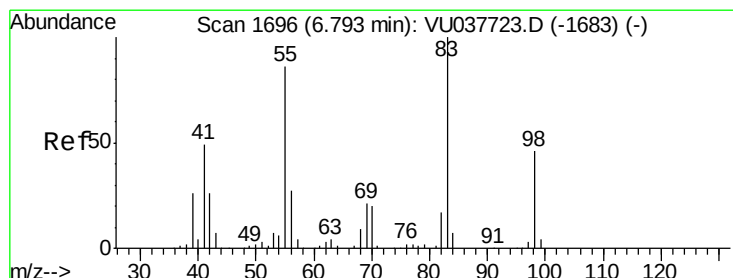
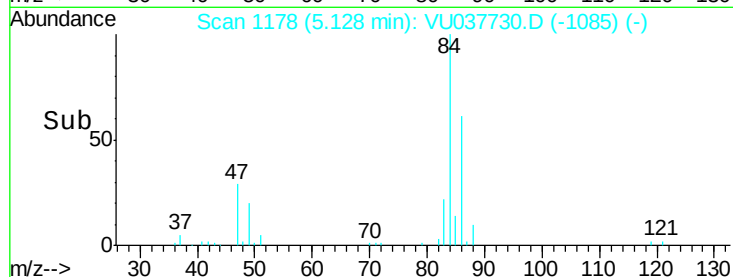
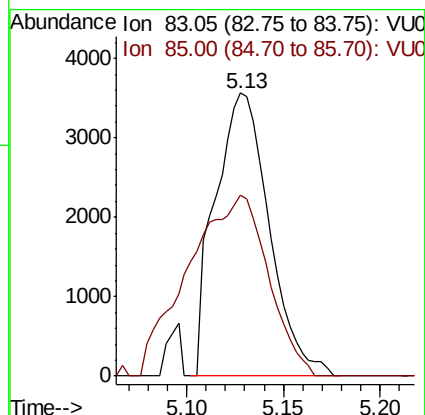
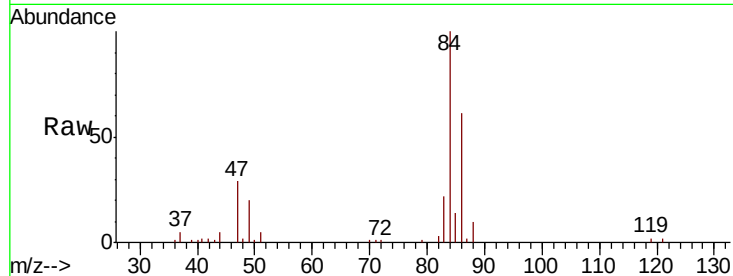




#25
Chloroform
Concen: 0.186 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037730.D
Acq: 15 Apr 2020 13:50

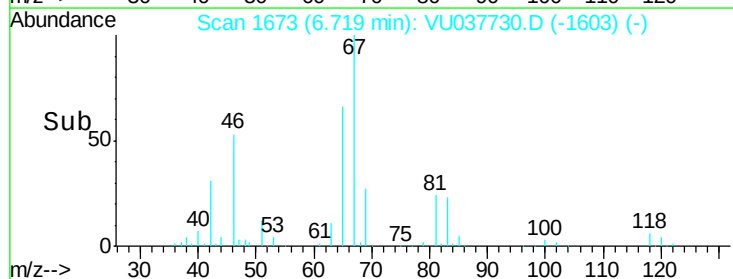
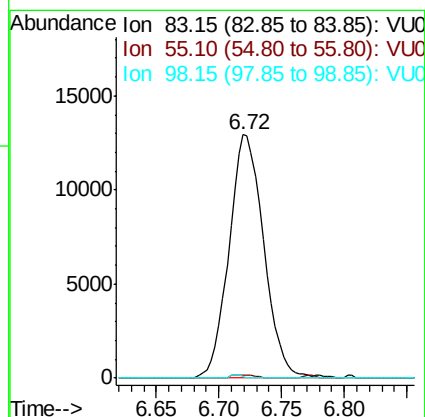
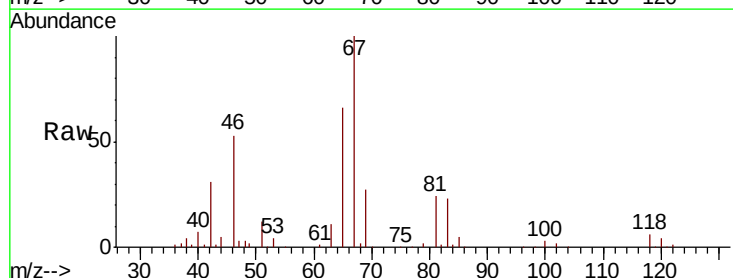
Instrument :
MSVOA_U
ClientSampleId :

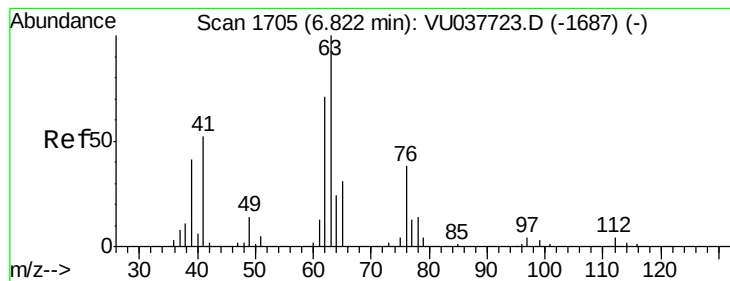
Tot Ion: 83 Resp: 6935
Ion Ratio Lower Upper
83 100
85 63.8 44.9 83.3



#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU037730.D
Acq: 15 Apr 2020 13:50

Tgt Ion: 83 Resp: 25037
Ion Ratio Lower Upper
83 100
55 0.9 65.5 98.3#
98 0.4 38.2 57.4#





#37

1,2-Dichloropropane

Concen: 0.522 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU037730.D

Acq: 15 Apr 2020 13:50

Instrument :

MSVOA_U

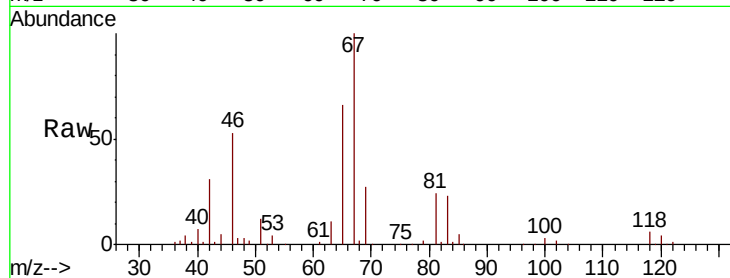
ClientSampleId :

Tot Ion: 63 Resp: 11809

Ion Ratio Lower Upper

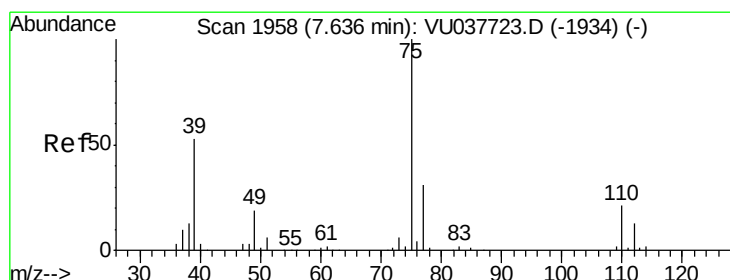
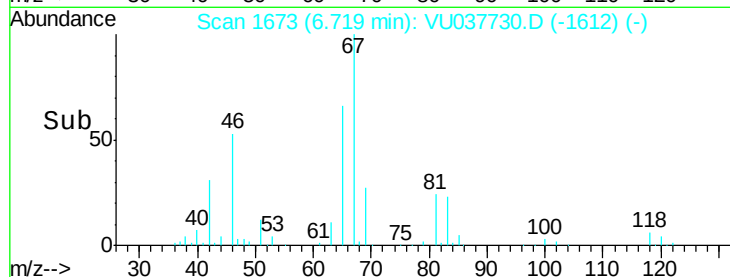
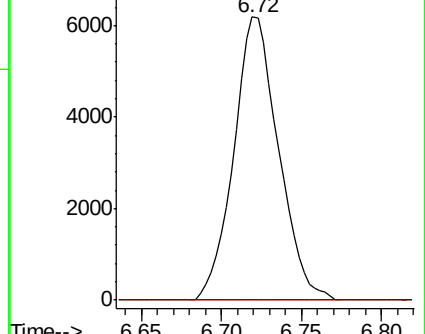
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VU037730.D (-1673) (-)

Ion 112.10 (111.80 to 112.80): VU037730.D (-1673) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037730.D

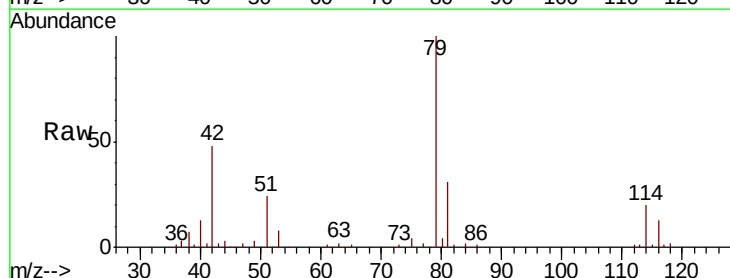
Acq: 15 Apr 2020 13:50

Tgt Ion: 75 Resp: 3256

Ion Ratio Lower Upper

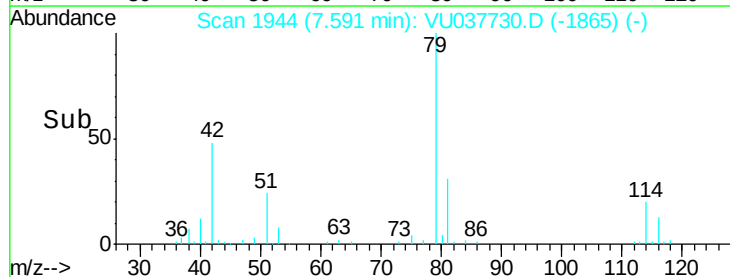
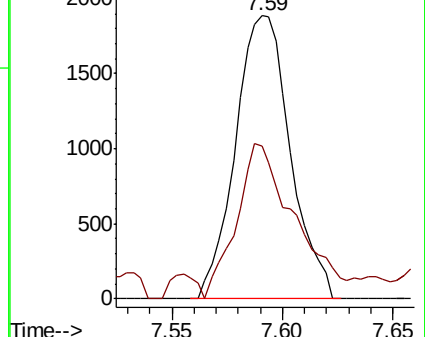
75 100

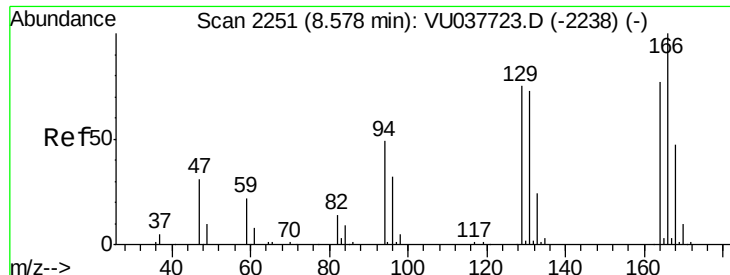
77 53.8 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VU037730.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU037730.D (-1865) (-)





#47

Tetrachloroethene

Concen: 6.623 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037730.D

Acq: 15 Apr 2020 13:50

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 99770

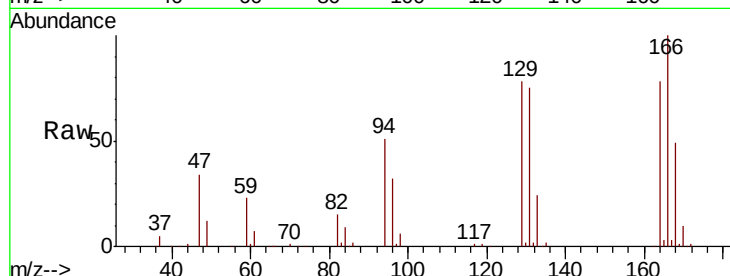
Ion Ratio Lower Upper

164 100

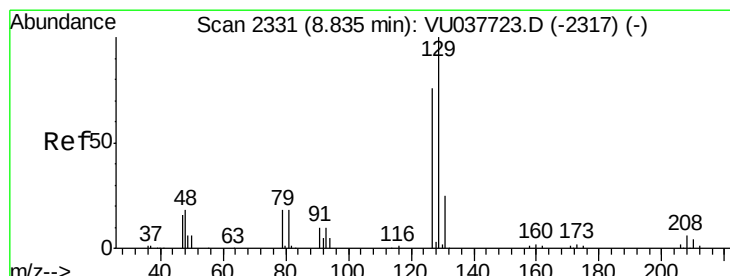
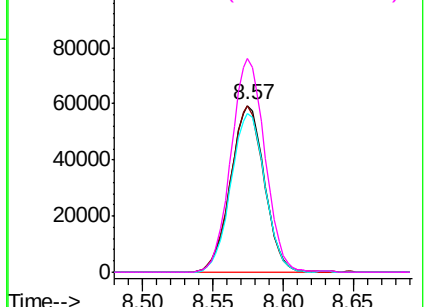
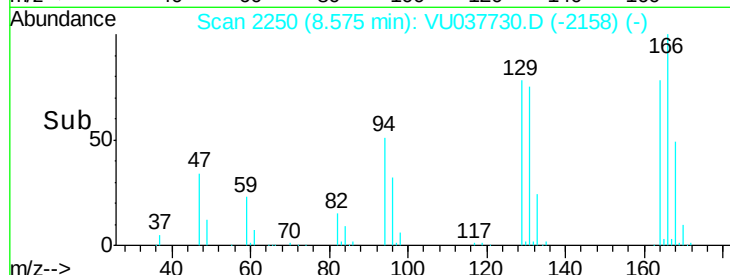
129 99.9 68.1 126.5

131 95.7 65.9 122.5

166 128.4 89.7 166.7



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 5.594 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037730.D

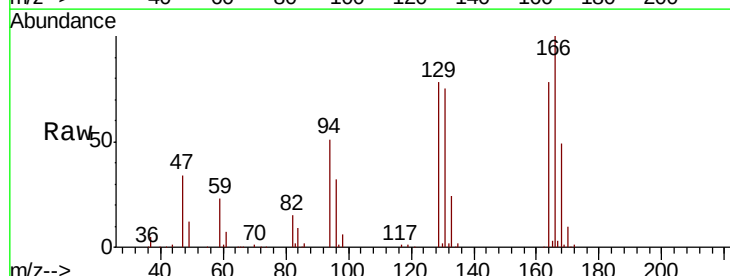
Acq: 15 Apr 2020 13:50

Tgt Ion:129 Resp: 97460

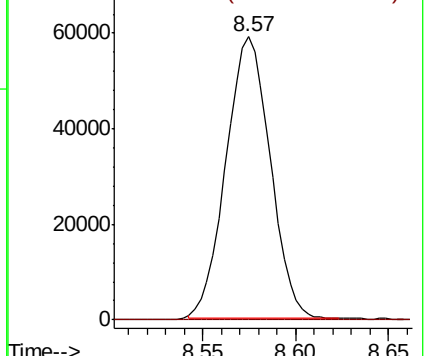
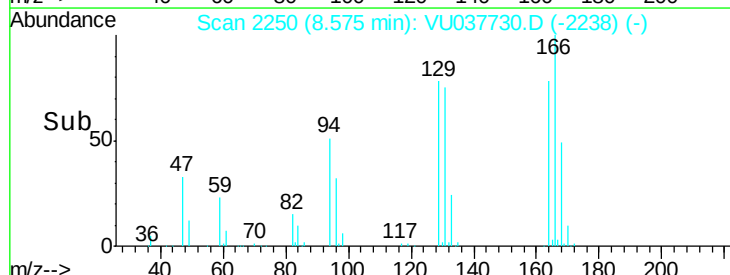
Ion Ratio Lower Upper

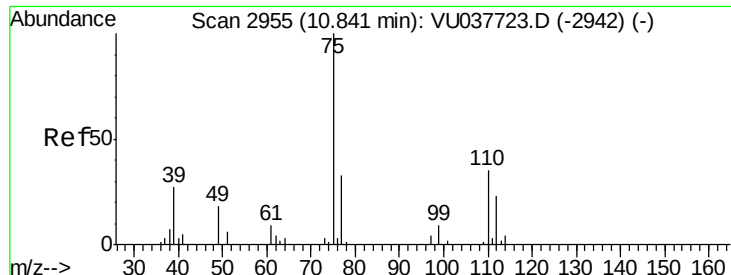
129 100

127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59
 1,2,3-Trichloropropane
 Concen: 1.283 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037730.D
 Acq: 15 Apr 2020 13:50

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 19002
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.4 38.2

