

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031320\
 Data File : VU037247.D
 Acq On : 13 Mar 2020 17:21
 Operator : JC/MD
 Sample : L1900-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 14 00:27:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 14 00:24:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	122172	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	122109	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53054	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36929	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.93	69	31755	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.59	63	53519	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.67	46	99918	48.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.38%
24) Chloroform-d	5.11	84	71301	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.74	65	45771	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.76	84	139138	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.73	67	45197	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.93	98	126768	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.20	79	17618	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.66	63	79223	48.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	35129	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	46603	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

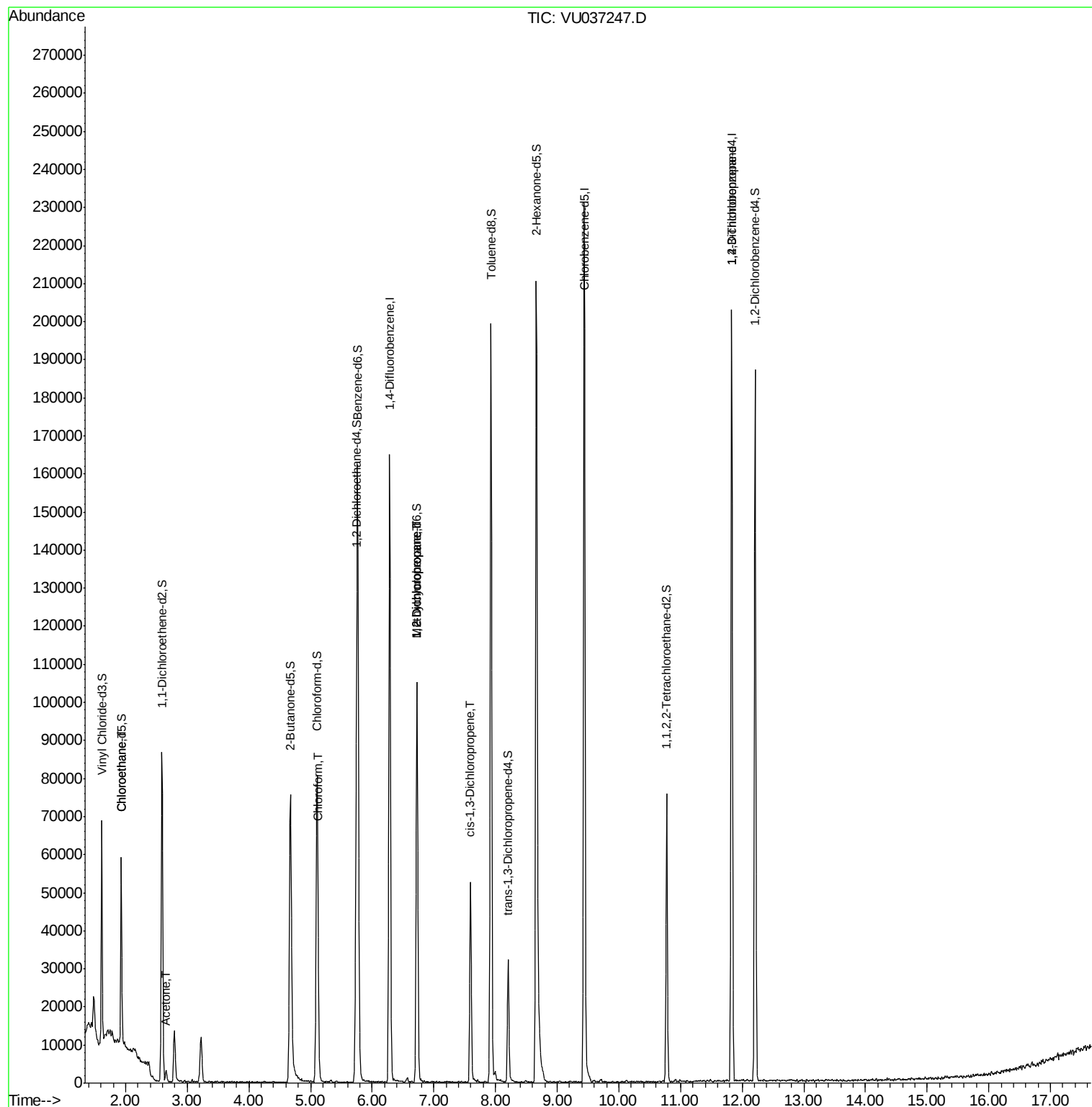
					Ovalue
8) Chloroethane	1.94	64	2514	0.408 ug/L #	57
13) Acetone	2.66	43	3305	1.965 ug/L	89
25) Chloroform	5.13	83	4361	0.234 ug/L	94
35) Methylcyclohexane	6.72	83	10782	0.715 ug/L #	15
37) 1,2-Dichloropropane	6.73	63	5611	0.591 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1697	0.124 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	6830	1.005 ug/L	95

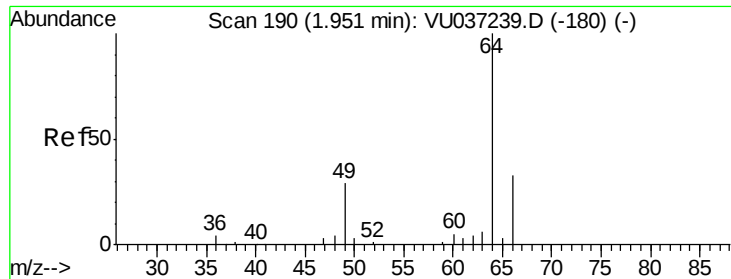
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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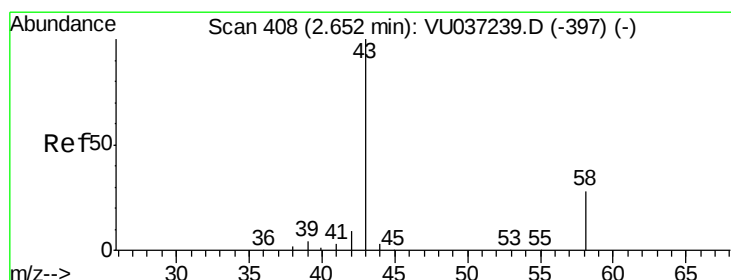
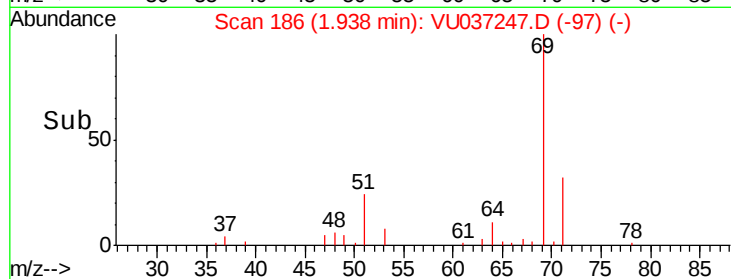
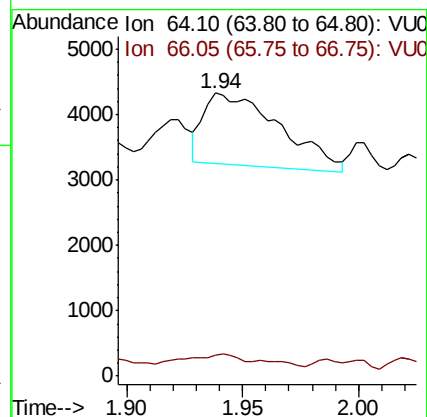
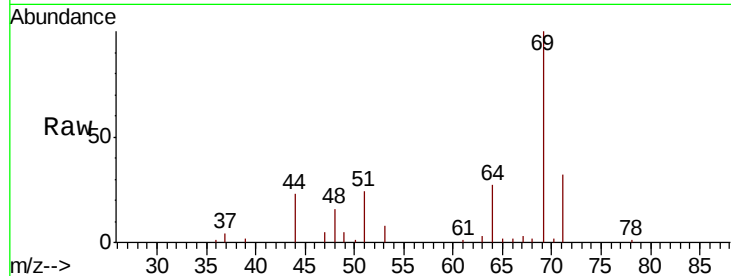




#8
Chloroethane
Concen: 0.408 ug/L
RT: 1.94 min Scan# 186
Delta R.T. -0.01 min
Lab File: VU037247.D
Acq: 13 Mar 2020 17:21

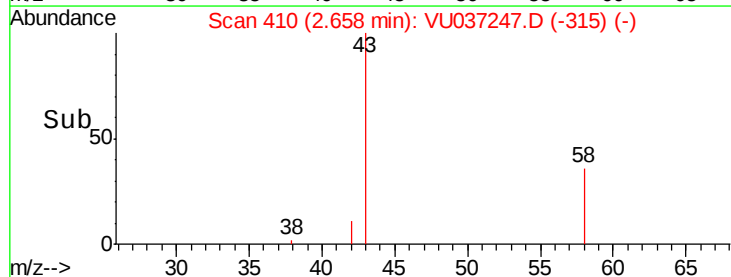
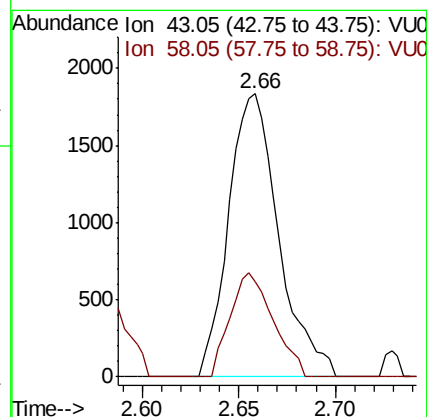
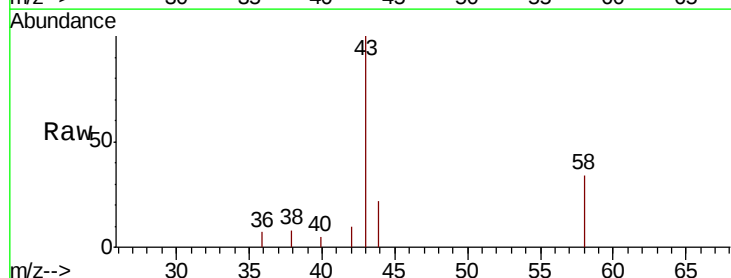
Instrument :
MSVOA_U
ClientSampleId :

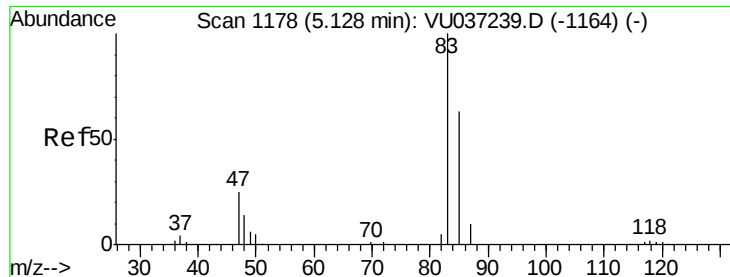
Tot Ion: 64 Resp: 2514
Ion Ratio Lower Upper
64 100
66 7.5 22.0 40.8#



#13
Acetone
Concen: 1.965 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.01 min
Lab File: VU037247.D
Acq: 13 Mar 2020 17:21

Tgt Ion: 43 Resp: 3305
Ion Ratio Lower Upper
43 100
58 31.5 0.0 52.2

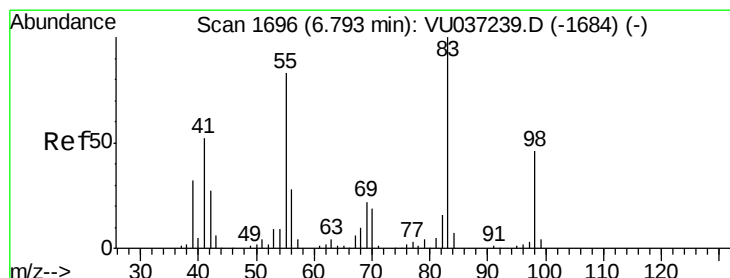
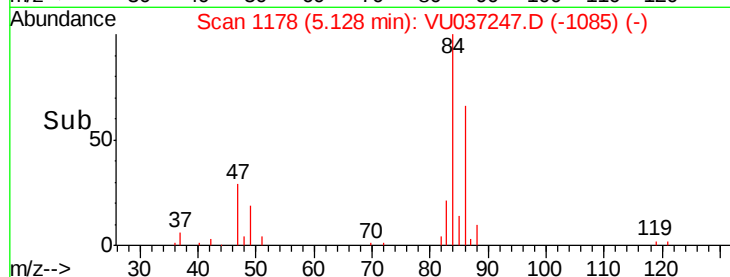
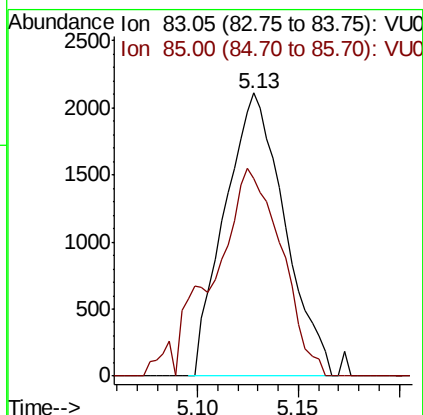
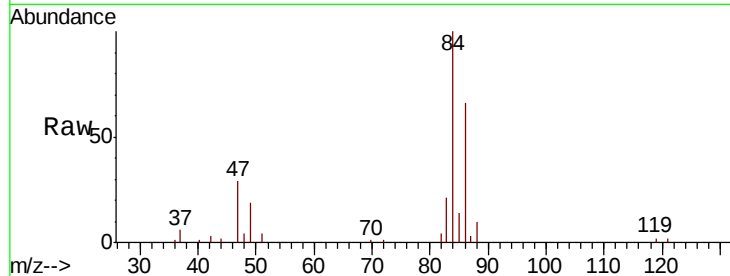




#25
Chloroform
Concen: 0.234 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037247.D
Acq: 13 Mar 2020 17:21

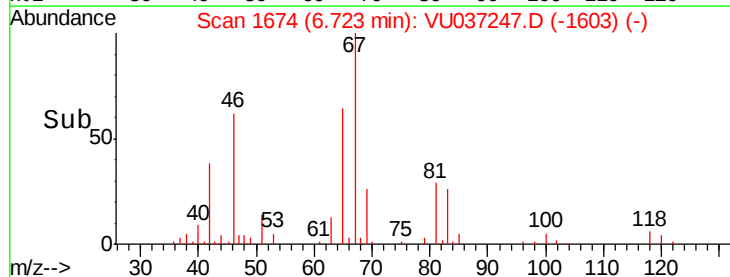
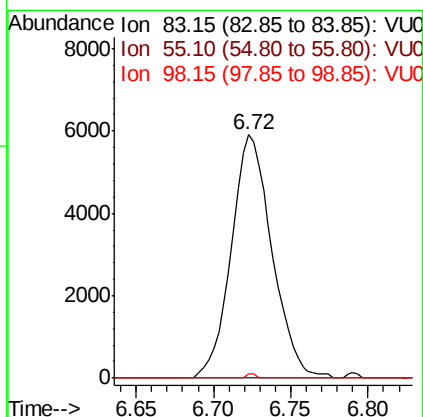
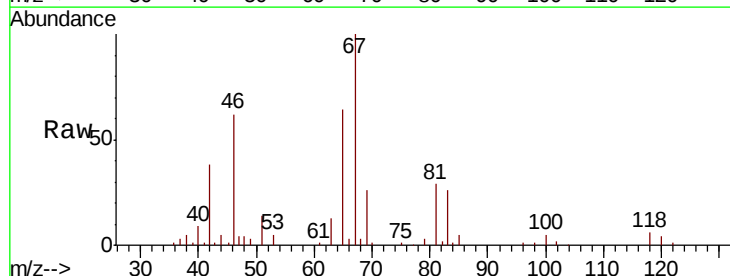
Instrument :
MSVOA_U
ClientSampled :

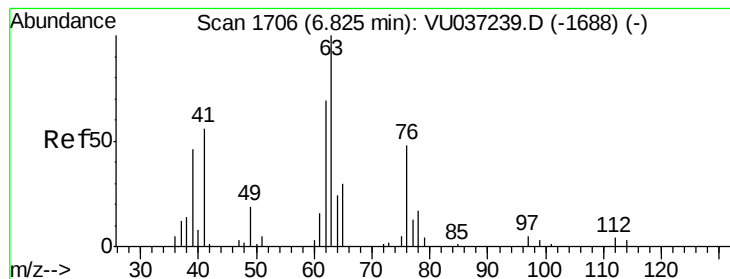
Tot Ion: 83 Resp: 4361
Ion Ratio Lower Upper
83 100
85 69.8 45.3 84.1



#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037247.D
Acq: 13 Mar 2020 17:21

Tgt Ion: 83 Resp: 10782
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 0.4 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037247.D

Acq: 13 Mar 2020 17:21

Instrument :

MSVOA_U

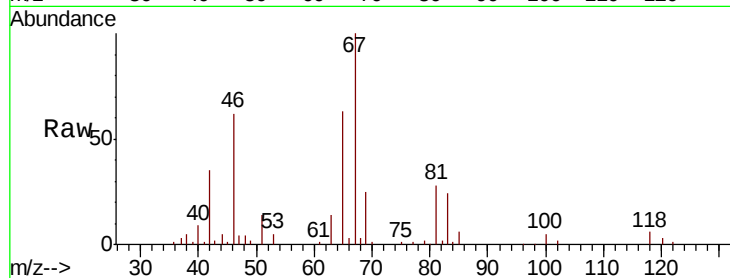
ClientSampleId :

Tot Ion: 63 Resp: 5611

Ion Ratio Lower Upper

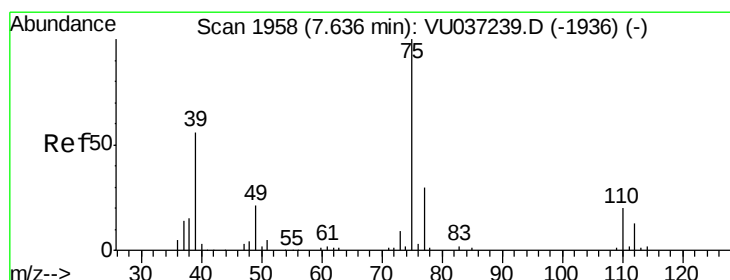
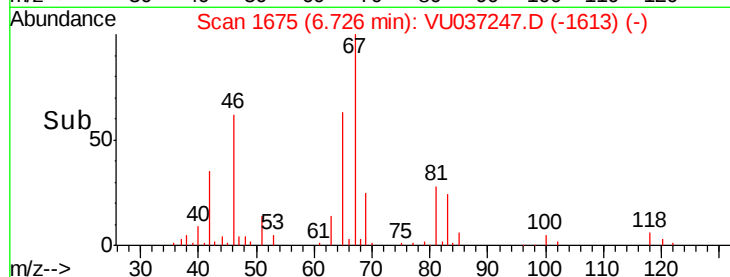
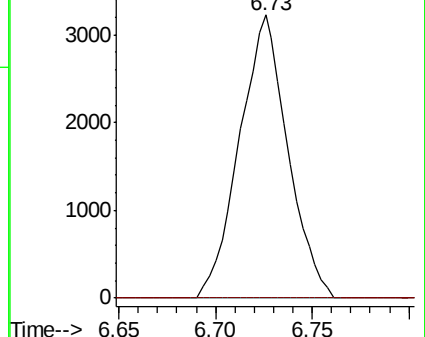
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU037239.D (-1688) (-)

Ion 112.10 (111.80 to 112.80): VU037239.D (-1688) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.124 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU037247.D

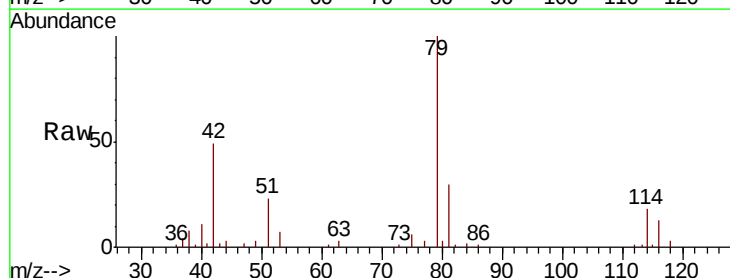
Acq: 13 Mar 2020 17:21

Tgt Ion: 75 Resp: 1697

Ion Ratio Lower Upper

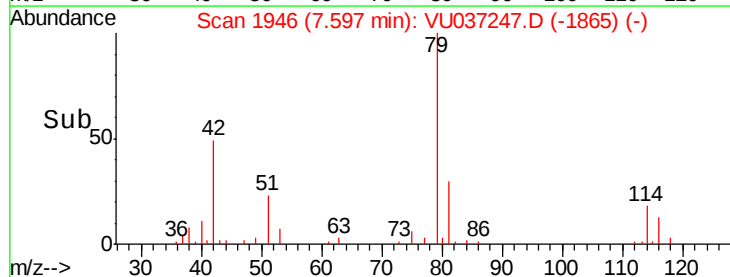
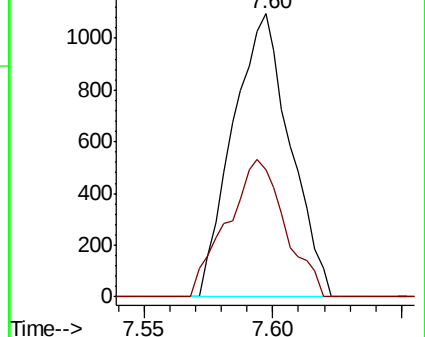
75 100

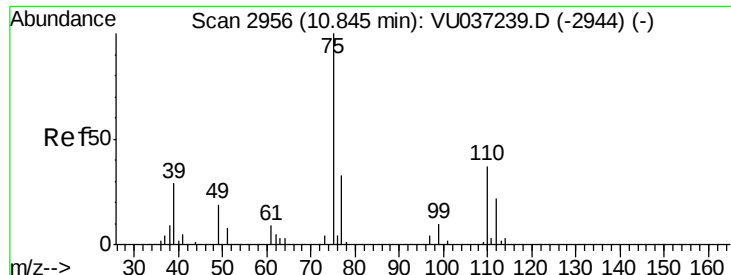
77 45.1 21.1 39.1#



Abundance Ion 75.05 (74.75 to 75.75): VU037239.D (-1936) (-)

Ion 77.05 (76.75 to 77.75): VU037239.D (-1936) (-)





#59

1,2,3-Trichloropropane

Concen: 1.005 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037247.D

Acq: 13 Mar 2020 17:21

Instrument :

MSVOA_U

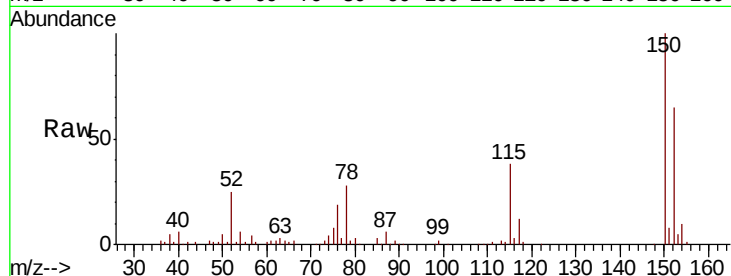
ClientSampleId :

Tot Ion: 75 Resp: 6830

Ion Ratio Lower Upper

75 100

77 37.0 27.4 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

