

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040220\
 Data File : VU037549.D
 Acq On : 02 Apr 2020 12:33
 Operator : JC/MD
 Sample : L2065-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 01:00:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 03 00:57:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	97492	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	92430	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	46067	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33288	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.93	69	26390	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.59	63	45447	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.67	46	92488	41.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.46%
24) Chloroform-d	5.11	84	53741	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
26) 1,2-Dichloroethane-d4	5.74	65	31916	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
32) Benzene-d6	5.76	84	117208	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.72	67	38616	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.92	98	111144	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.20	79	17401	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.66	63	85050	41.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	31932	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	39995	4.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.20%

Target Compounds

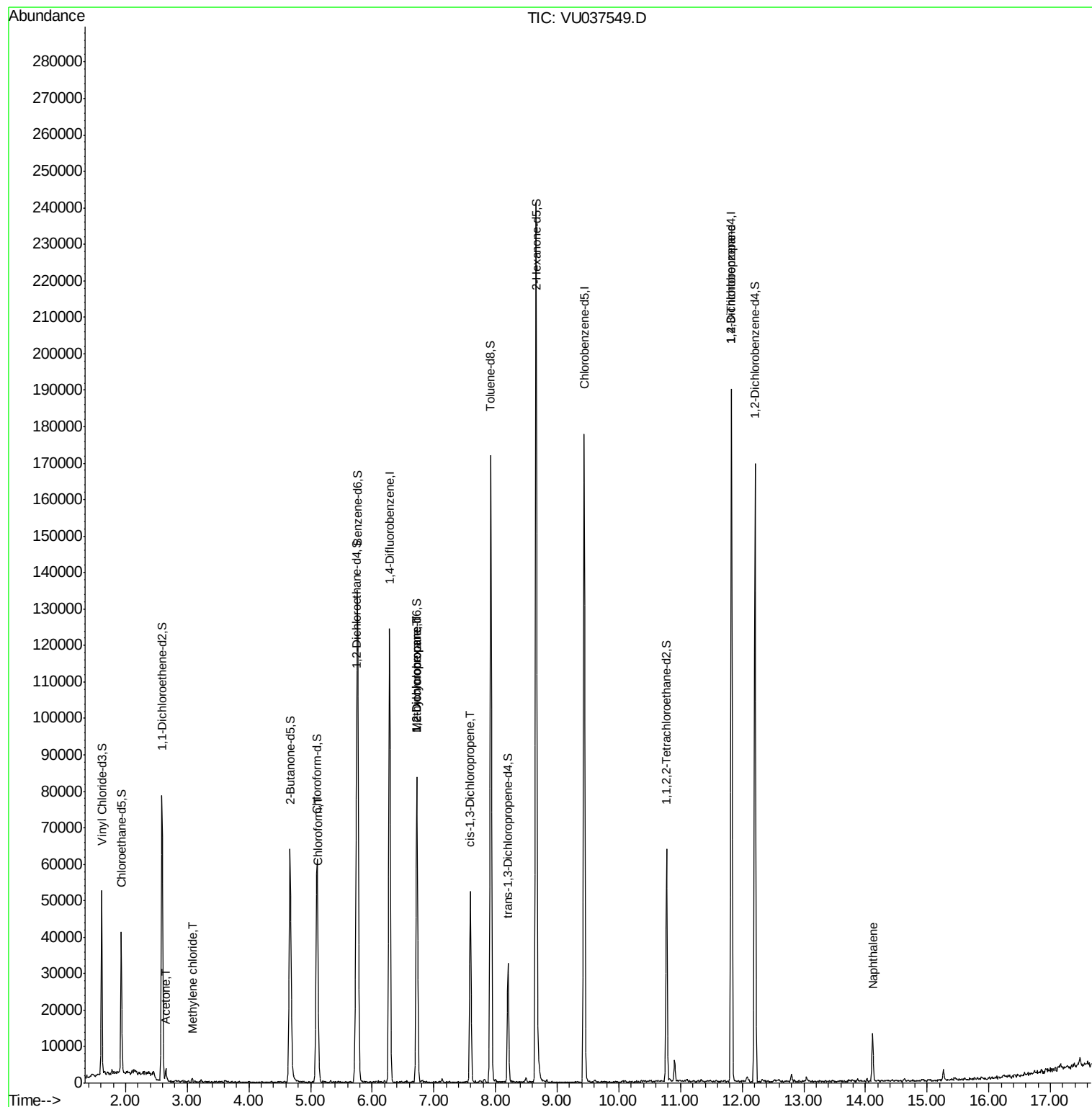
					Ovalue
13) Acetone	2.66	43	3715	2.974 ug/L	99
16) Methylene chloride	3.08	84	487	0.064 ug/L	88
25) Chloroform	5.12	83	4201	0.310 ug/L	96
35) Methylcyclohexane	6.73	83	8382	0.647 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	4121	0.520 ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	1455	0.120 ug/L #	75
59) 1,2,3-Trichloropropane	11.83	75	6467	1.246 ug/L	98
69) Naphthalene	14.11	128	10443	0.459 ug/L #	93

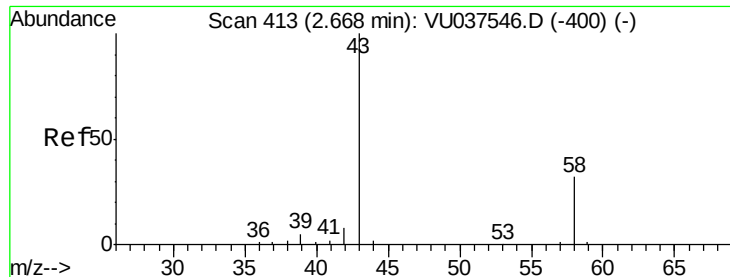
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040220\
Data File : VU037549.D
Acq On : 02 Apr 2020 12:33
Operator : JC/MD
Sample : L2065-17
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 03 01:00:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 03 00:57:17 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.974 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU037549.D

Acq: 02 Apr 2020 12:33

Instrument :

MSVOA_U

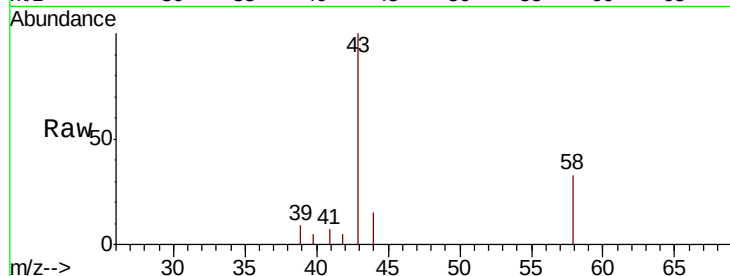
ClientSampled :

Tot Ion: 43 Resp: 3715

Ion Ratio Lower Upper

43 100

58 33.5 0.0 68.2



Abundance Ion 43.05 (42.75 to 43.75): VU037546.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU037546.D (-400) (-)

2.66

2000

1500

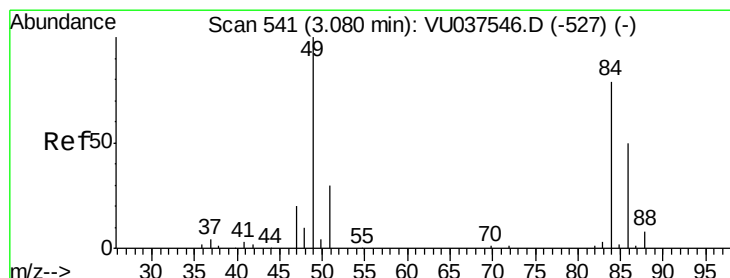
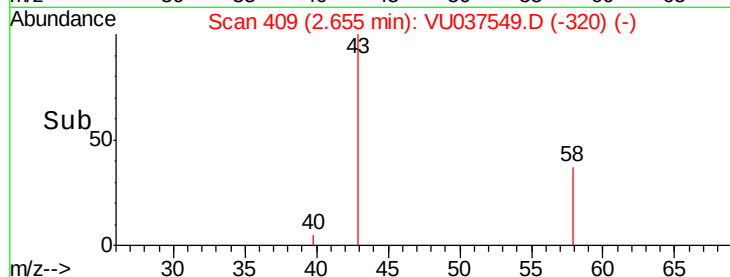
1000

500

0

Time-->

2.60 2.65 2.70



#16

Methylene chloride

Concen: 0.064 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU037549.D

Acq: 02 Apr 2020 12:33

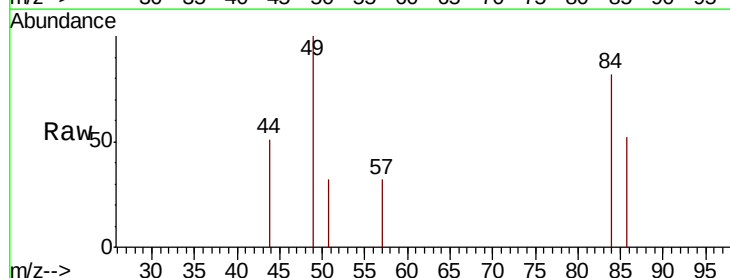
Tgt Ion: 84 Resp: 487

Ion Ratio Lower Upper

84 100

86 63.6 41.6 77.3

49 121.4 97.0 180.2



Abundance Ion 84.05 (83.75 to 84.75): VU037546.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU037546.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU037546.D (-527) (-)

500

400

300

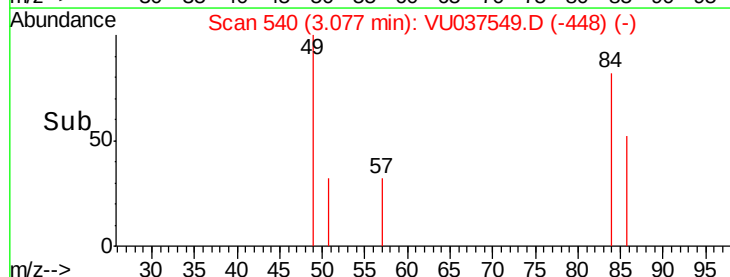
200

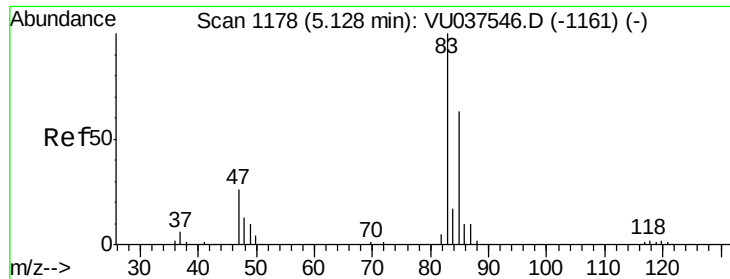
100

0

Time-->

3.04 3.06 3.08 3.10

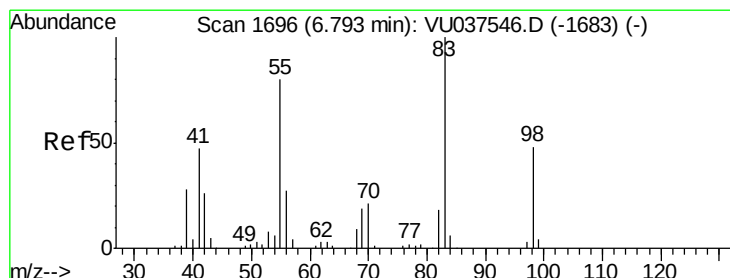
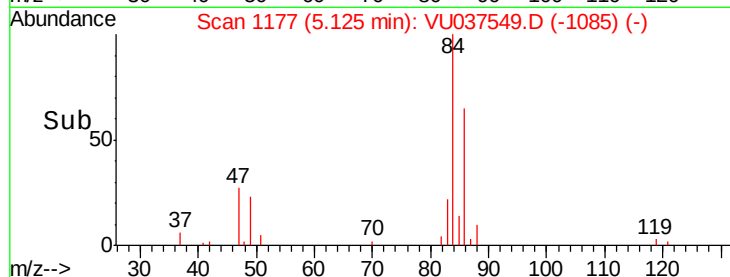
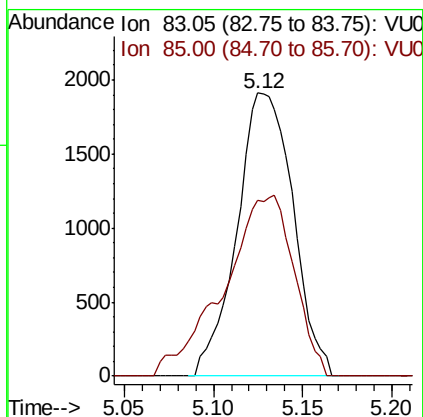
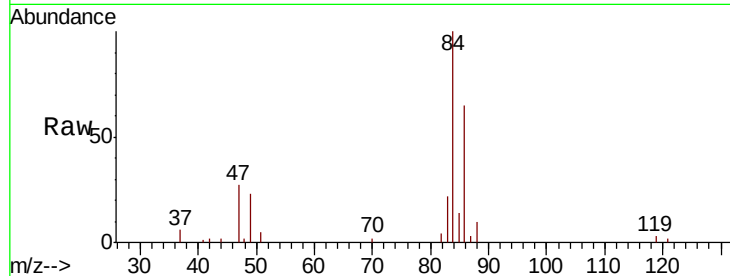




#25
Chloroform
Concen: 0.310 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037549.D
Acq: 02 Apr 2020 12:33

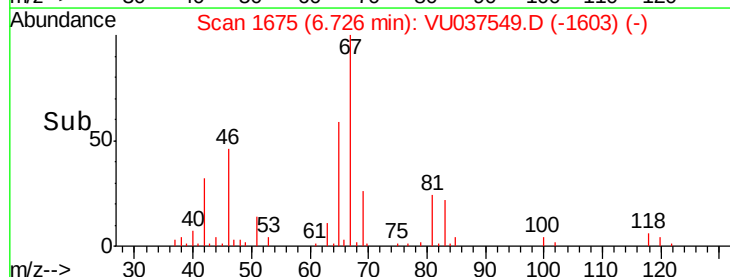
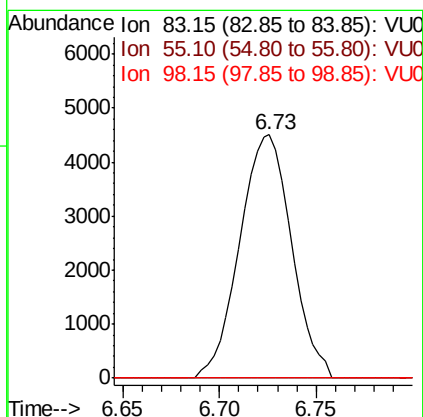
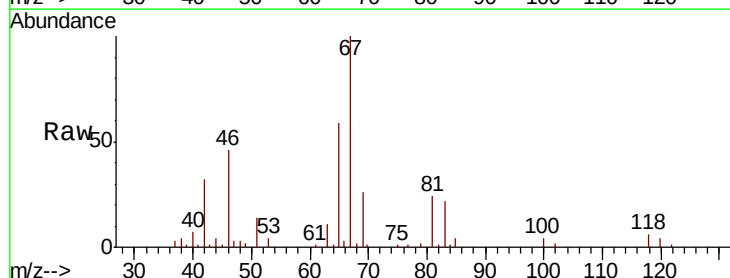
Instrument :
MSVOA_U
ClientSampleId :

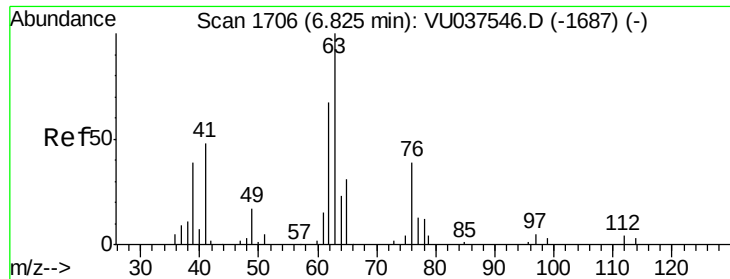
Tot Ion: 83 Resp: 4201
Ion Ratio Lower Upper
83 100
85 62.2 45.8 85.2



#35
Methylcyclohexane
Concen: 0.647 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037549.D
Acq: 02 Apr 2020 12:33

Tgt Ion: 83 Resp: 8382
Ion Ratio Lower Upper
83 100
55 0.5 63.0 94.6#
98 0.0 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.520 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037549.D

Acq: 02 Apr 2020 12:33

Instrument :

MSVOA_U

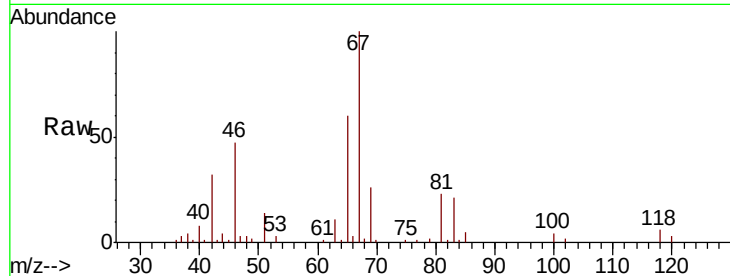
ClientSampled :

Tot Ion: 63 Resp: 4121

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VU037546.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU037546.D (-1687) (-)

6.72

2500

2000

1500

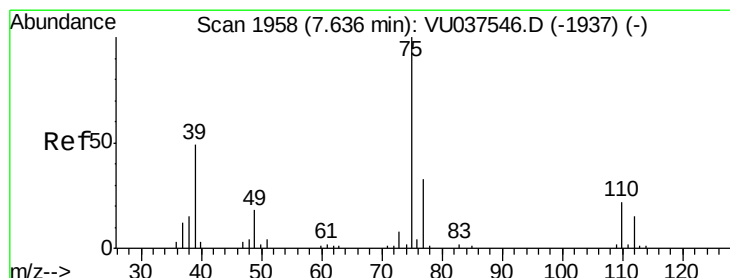
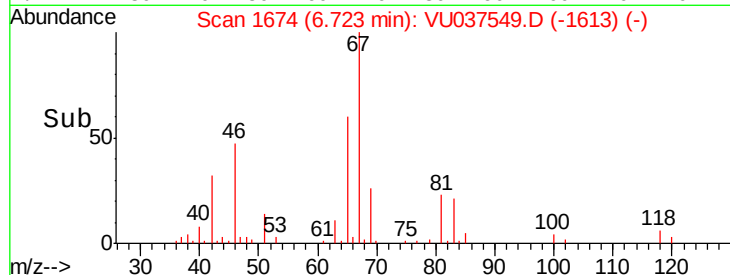
1000

500

0

6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037549.D

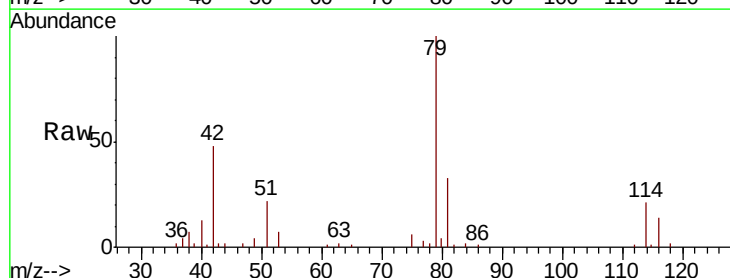
Acq: 02 Apr 2020 12:33

Tgt Ion: 75 Resp: 1455

Ion Ratio Lower Upper

75 100

77 45.8 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VU037546.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU037546.D (-1937) (-)

7.59

1000

800

600

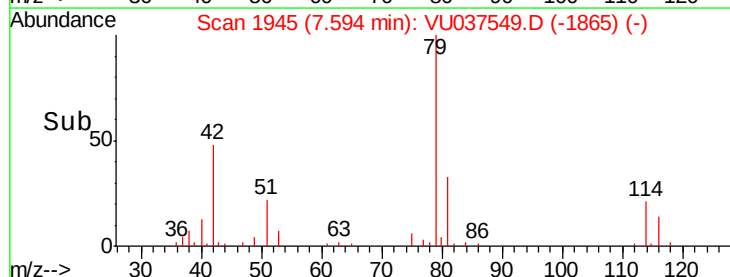
400

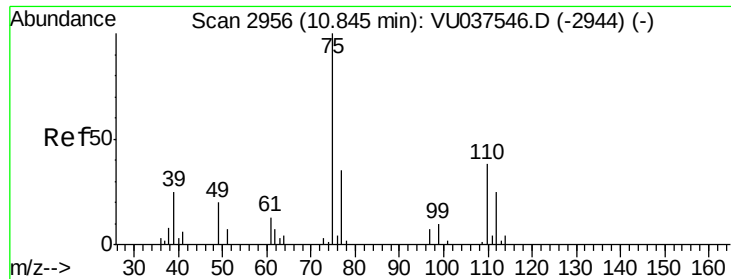
200

0

7.55 7.60

Time-->

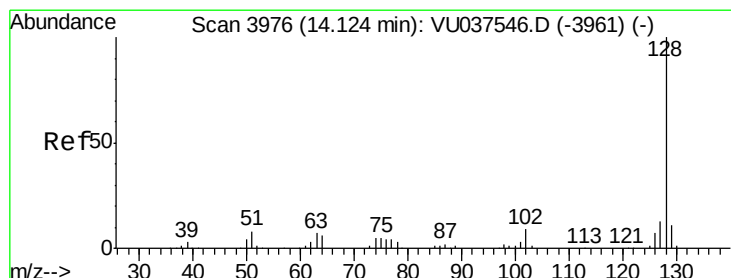
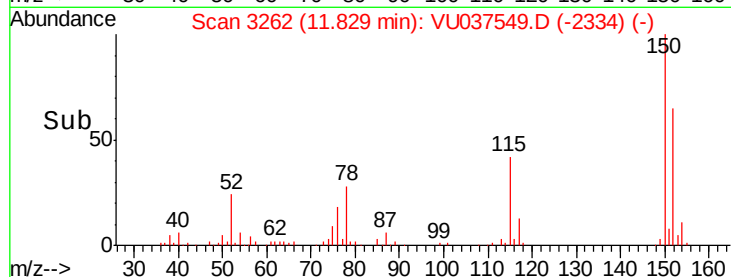
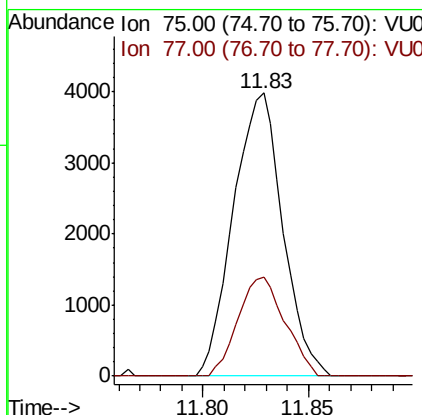
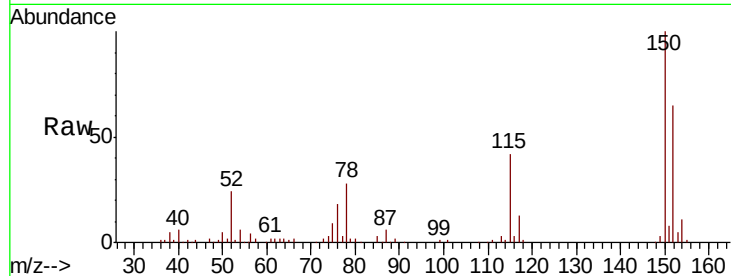




#59
 1,2,3-Trichloropropane
 Concen: 1.246 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037549.D
 Acq: 02 Apr 2020 12:33

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 6467
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.8 38.6



#69
 Naphthalene
 Concen: 0.459 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. -0.01 min
 Lab File: VU037549.D
 Acq: 02 Apr 2020 12:33

Tgt Ion:128 Resp: 10443
 Ion Ratio Lower Upper
 128 100
 129 4.8 8.4 12.6#
 127 13.1 10.4 15.6

