

Data File : VU037338.D
Acq On : 19 Mar 2020 13:43
Operator : JC/MD
Sample : L1983-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA6

Quant Time: Mar 20 02:00:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 20 01:58:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	136978	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	136494	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	56532	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32838	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.93	69	31133	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.59	63	50326	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.67	46	110746	51.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.72%
24) Chloroform-d	5.11	84	82277	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.74	65	48674	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.76	84	142634	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.72	67	47815	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.92	98	129201	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.20	79	19885	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.66	63	91968	48.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	41194	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	49668	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

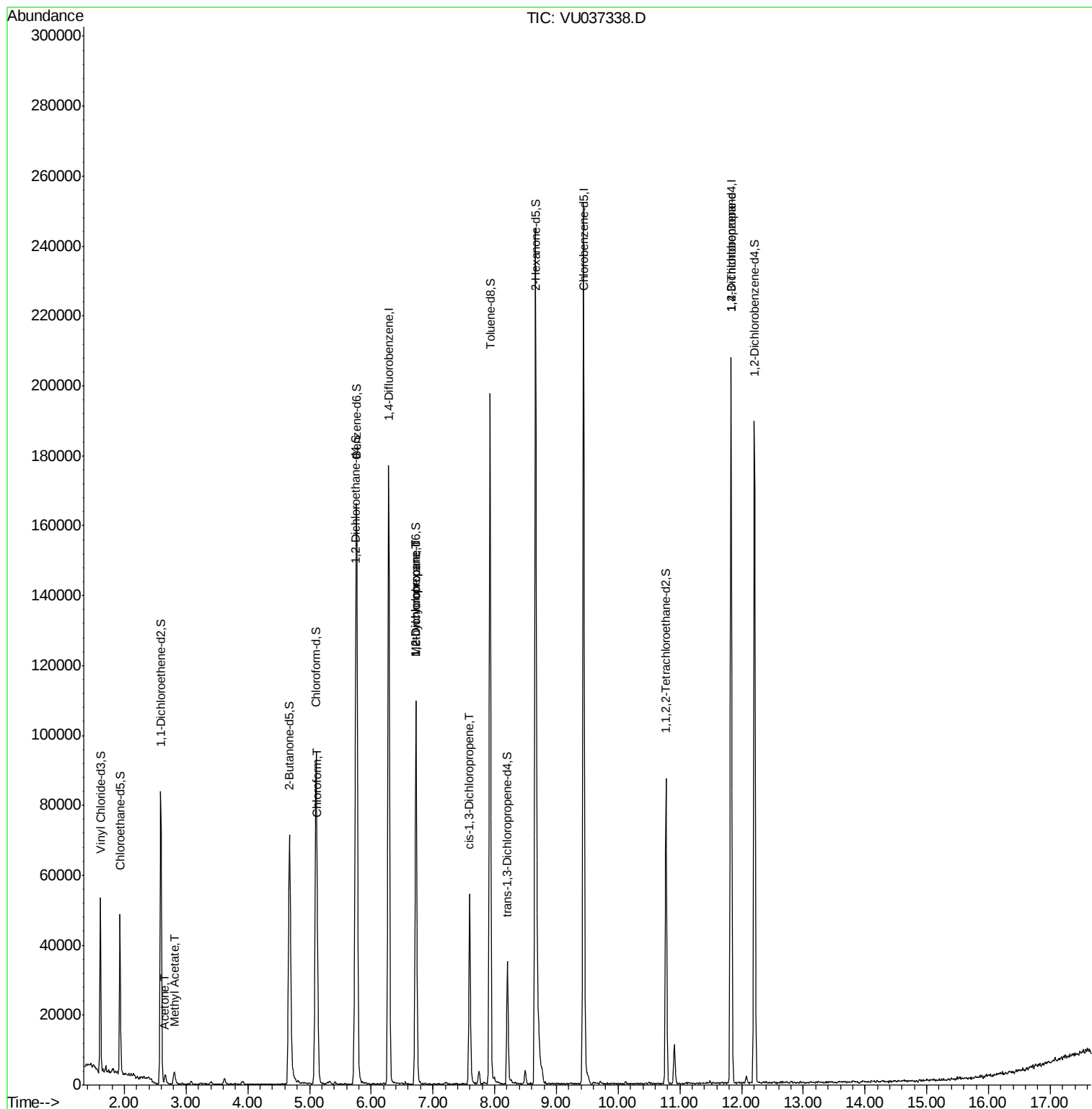
					Qvalue
13) Acetone	2.66	43	3427	1.879 ug/L	95
15) Methyl Acetate	2.80	43	954	0.228 ug/L #	55
25) Chloroform	5.13	83	18772	0.905 ug/L	96
35) Methylcyclohexane	6.72	83	11580	0.684 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	5857	0.540 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1530	0.094 ug/L #	70
59) 1,2,3-Trichloropropane	11.83	75	7187	0.933 ug/L #	82

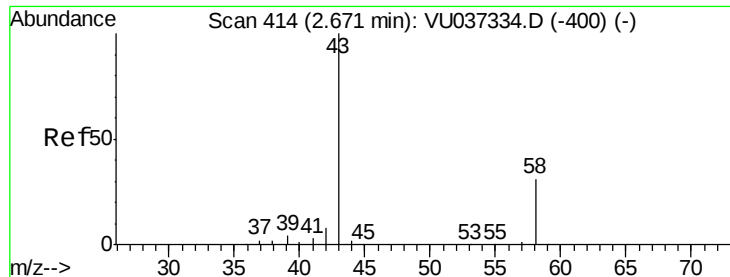
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.879 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU037338.D

Acq: 19 Mar 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

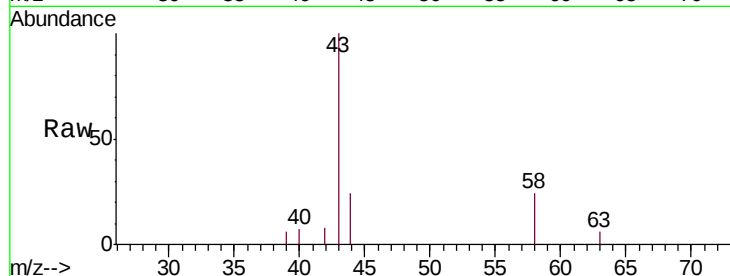
C0AA6

Tgt Ion: 43 Resp: 3427

Ion Ratio Lower Upper

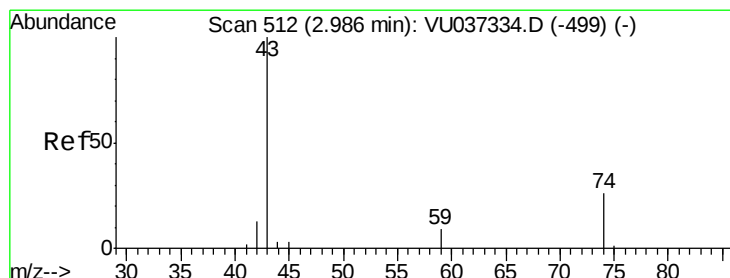
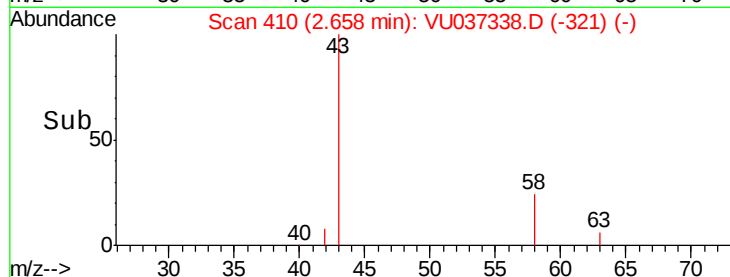
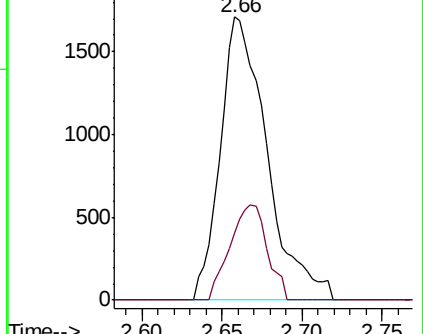
43 100

58 26.5 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VU037338.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU037338.D (-400) (-)



#15

Methyl Acetate

Concen: 0.228 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.18 min

Lab File: VU037338.D

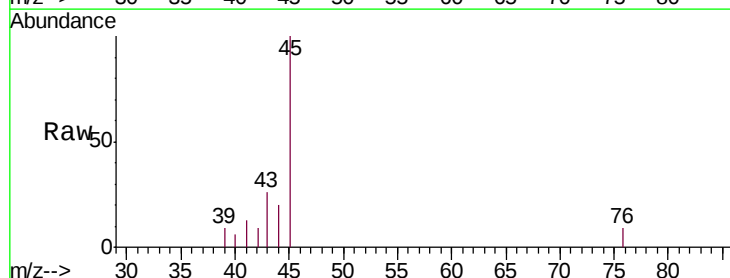
Acq: 19 Mar 2020 13:43

Tgt Ion: 43 Resp: 954

Ion Ratio Lower Upper

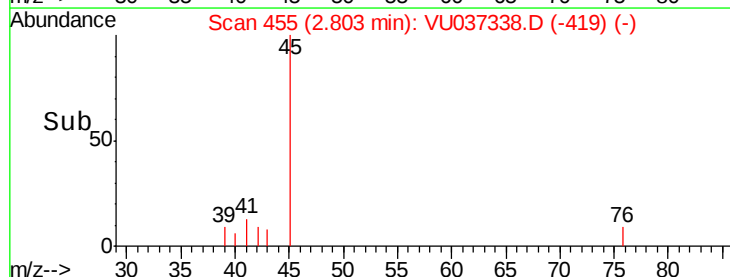
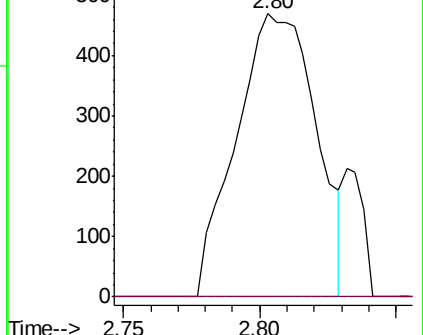
43 100

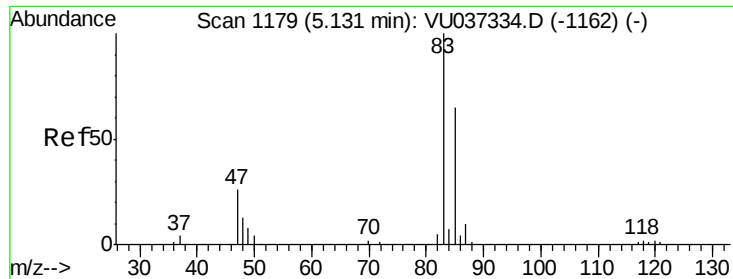
74 0.0 17.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU037338.D (-499) (-)

Ion 74.05 (73.75 to 74.75): VU037338.D (-499) (-)

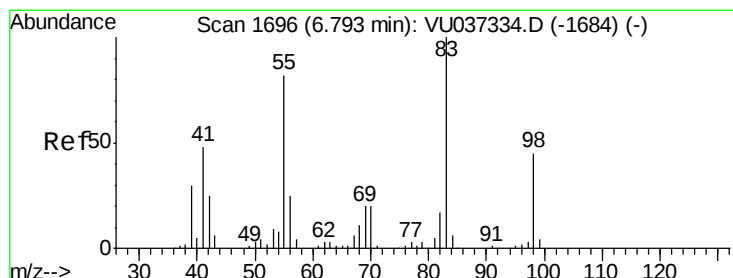
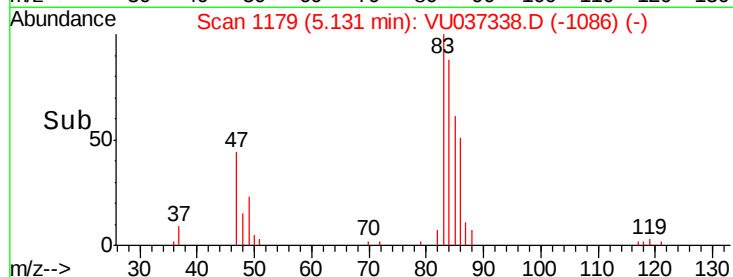
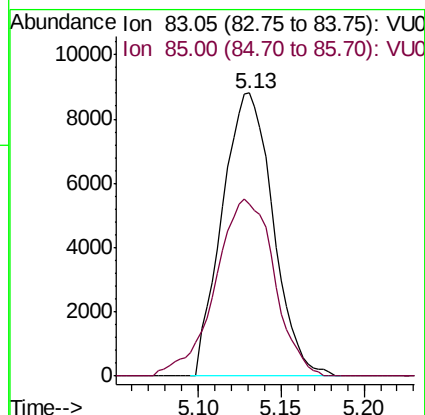
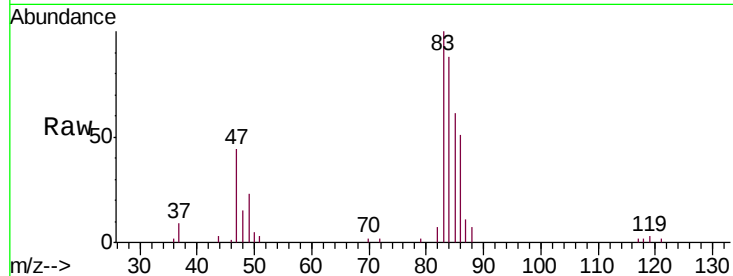




#25
Chloroform
Concen: 0.905 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU037338.D
Acq: 19 Mar 2020 13:43

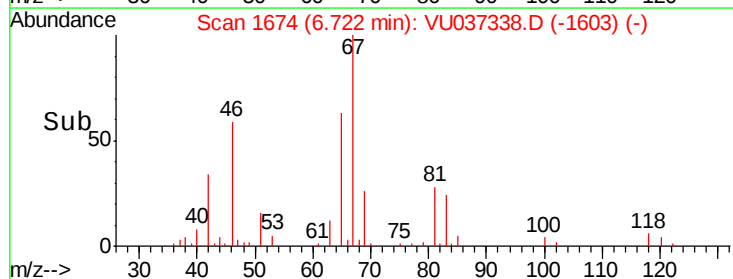
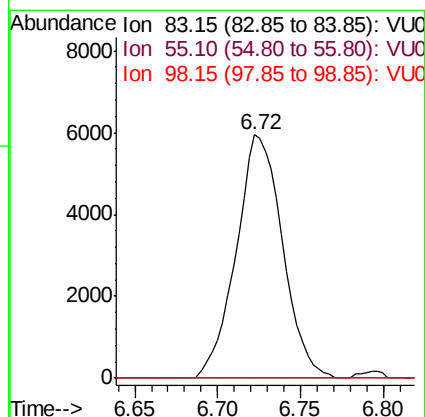
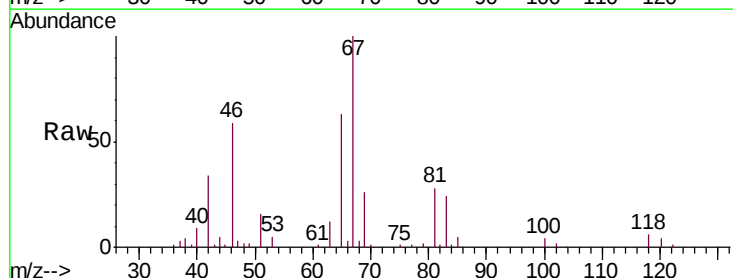
Instrument :
MSVOA_U
ClientSampleId :
C0AA6

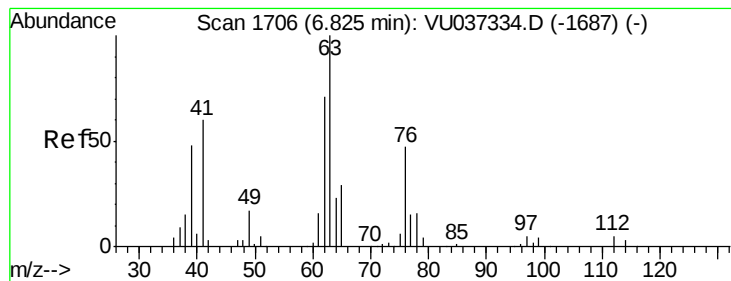
Tgt Ion: 83 Resp: 18772
Ion Ratio Lower Upper
83 100
85 60.9 44.7 82.9



#35
Methylcyclohexane
Concen: 0.684 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037338.D
Acq: 19 Mar 2020 13:43

Tgt Ion: 83 Resp: 11580
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.6#
98 0.2 37.4 56.0#





#37

1,2-Dichloropropane

Concen: 0.540 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037338.D

Acq: 19 Mar 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

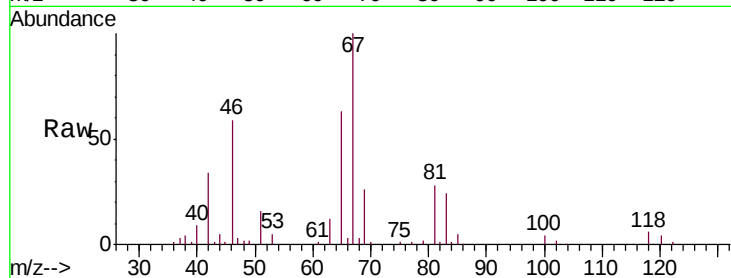
C0AA6

Tgt Ion: 63 Resp: 5857

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU037338.D (-1674) (-)

Ion 112.10 (111.80 to 112.80): VU037338.D (-1674) (-)

6.72

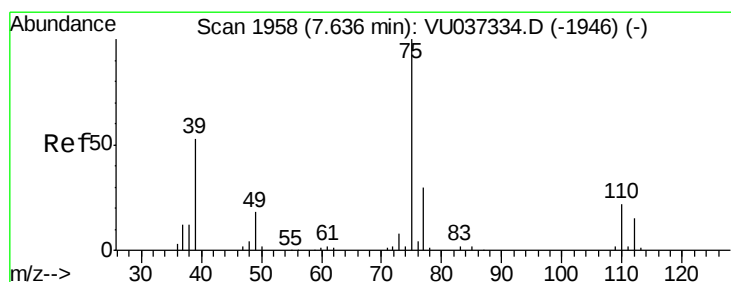
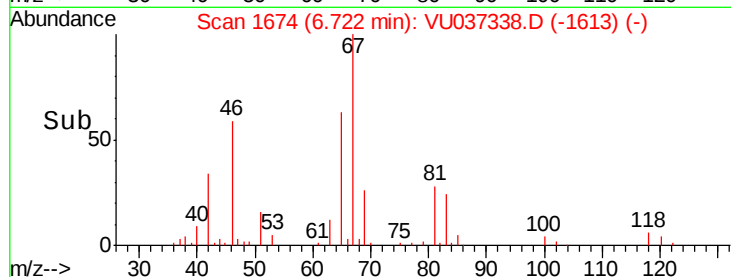
3000

2000

1000

0

Time--> 6.65 6.70 6.75 6.80



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU037338.D

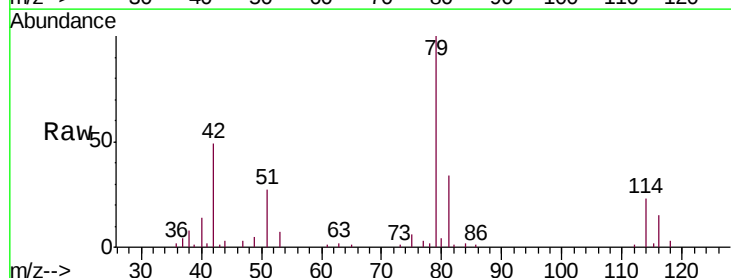
Acq: 19 Mar 2020 13:43

Tgt Ion: 75 Resp: 1530

Ion Ratio Lower Upper

75 100

77 49.7 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VU037338.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU037338.D (-1865) (-)

7.60

1000

800

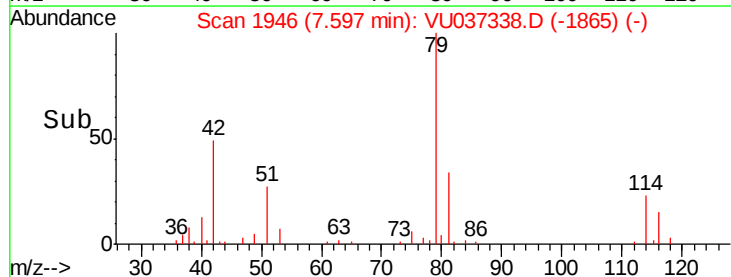
600

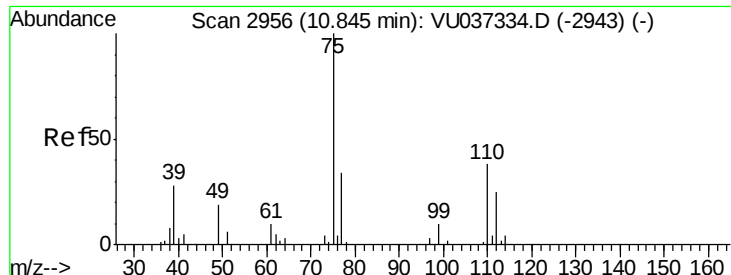
400

200

0

Time--> 7.55 7.60 7.65





#59

1,2,3-Trichloropropane

Concen: 0.933 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037338.D

Acq: 19 Mar 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

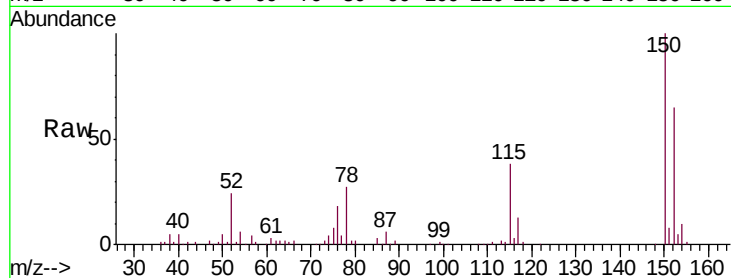
C0AA6

Tgt Ion: 75 Resp: 7187

Ion Ratio Lower Upper

75 100

77 43.4 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

