

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037507.D
 Acq On : 31 Mar 2020 19:58
 Operator : JC/MD
 Sample : L2002-01DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 01 01:28:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 01:25:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	91827	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	87481	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40672	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	25211	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.93	69	22767	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.59	63	36582	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.68	46	100059	48.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.86%
24) Chloroform-d	5.11	84	53377	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.74	65	30246	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.76	84	102388	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.72	67	36238	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.92	98	89847	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	8.20	79	15157	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.66	63	84047	48.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	31914	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	33495	4.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.00%

Target Compounds

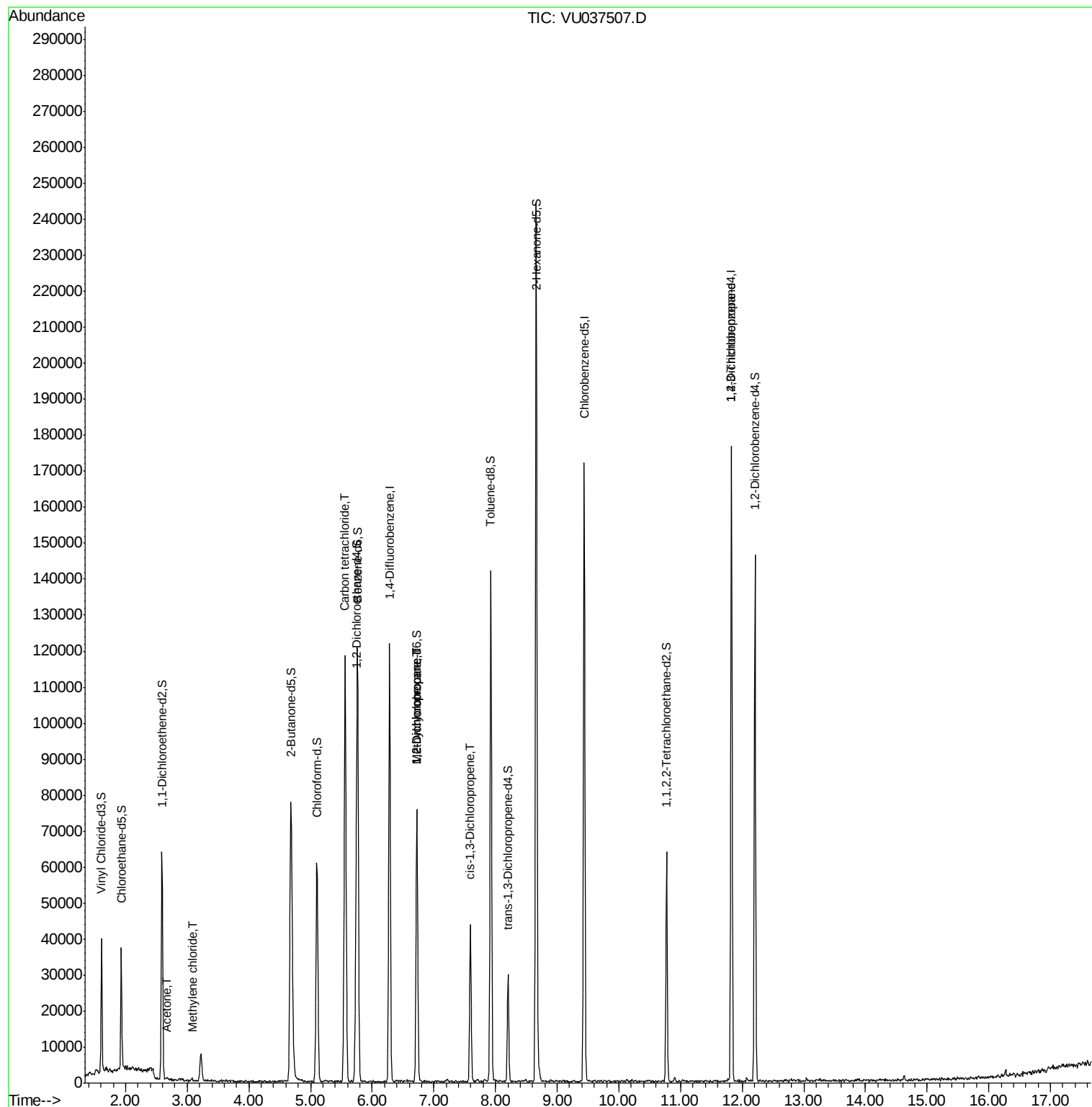
					Ovalue
13) Acetone	2.67	43	1623	1.388	ug/L 50
16) Methylene chloride	3.08	84	480	0.070	ug/L 77
31) Carbon tetrachloride	5.56	117	77443	8.467	ug/L 98
35) Methylcyclohexane	6.72	83	7809	0.657	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	4160	0.576	ug/L # 89
39) cis-1,3-Dichloropropene	7.59	75	1245	0.111	ug/L # 78
59) 1,2,3-Trichloropropane	11.83	75	6582	1.325	ug/L 97

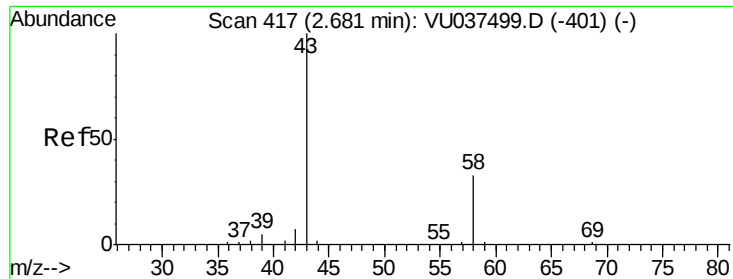
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 01 01:25:39 2020
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#13

Acetone

Concen: 1.388 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU037507.D

Acq: 31 Mar 2020 19:58

Instrument :

MSVOA_U

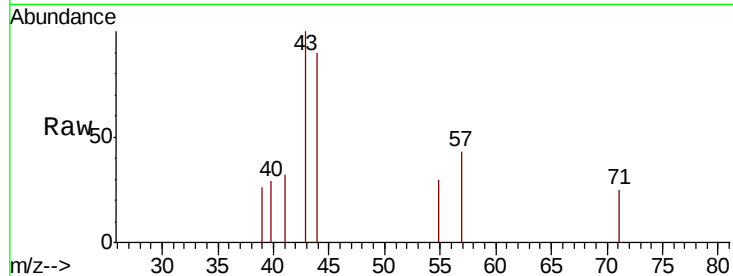
ClientSampleId :

Tot Ion: 43 Resp: 1623

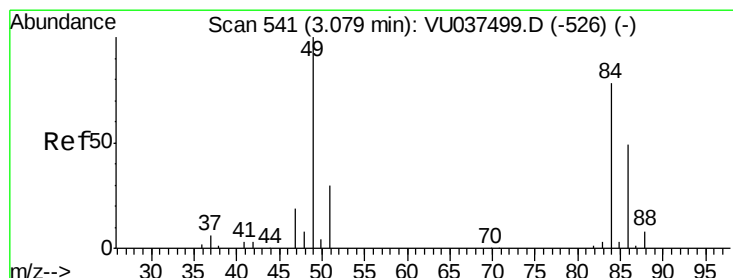
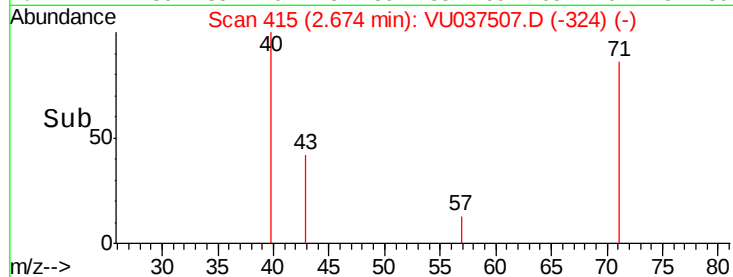
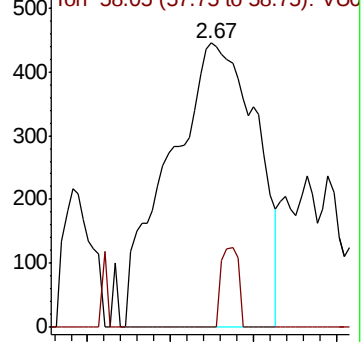
Ion Ratio Lower Upper

43 100

58 5.4 0.0 68.2



Abundance Ion 43.05 (42.75 to 43.75): VU037507.D (-324) (-)



#16

Methylene chloride

Concen: 0.070 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU037507.D

Acq: 31 Mar 2020 19:58

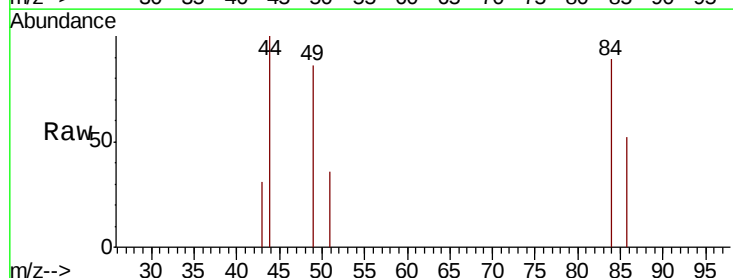
Tgt Ion: 84 Resp: 480

Ion Ratio Lower Upper

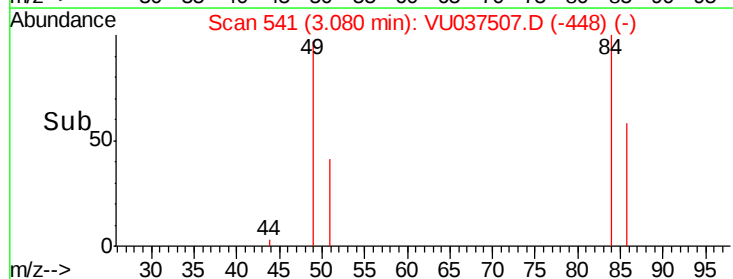
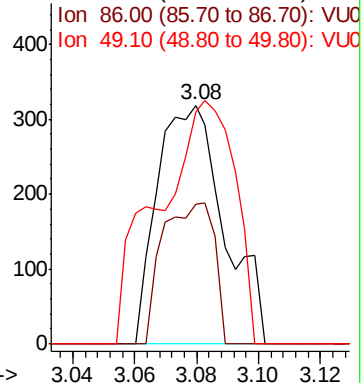
84 100

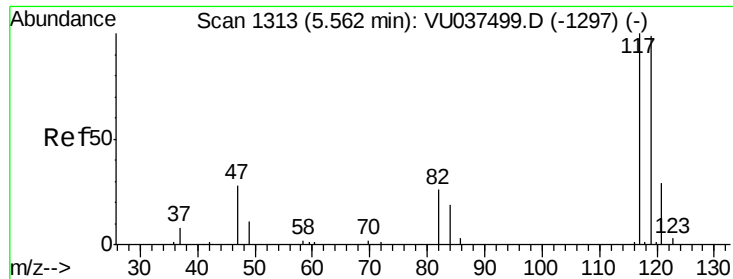
86 58.3 44.7 82.9

49 97.2 92.7 172.3



Abundance Ion 84.05 (83.75 to 84.75): VU037507.D (-448) (-)





#31

Carbon tetrachloride

Concen: 8.467 ug/L

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU037507.D

Acq: 31 Mar 2020 19:58

Instrument :

MSVOA_U

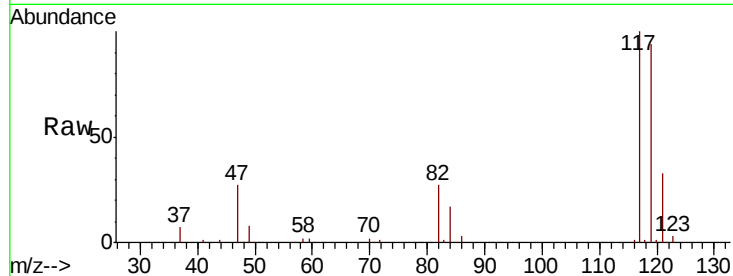
ClientSampleId :

Tot Ion:117 Resp: 77443

Ion Ratio Lower Upper

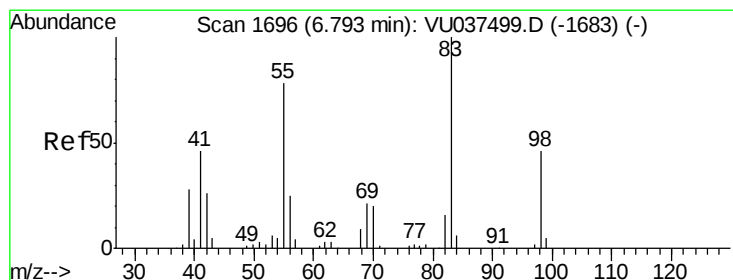
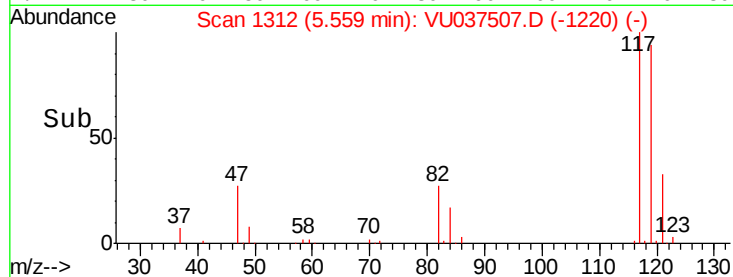
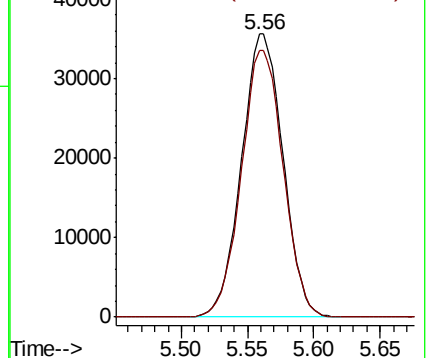
117 100

119 95.1 77.6 116.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.657 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU037507.D

Acq: 31 Mar 2020 19:58

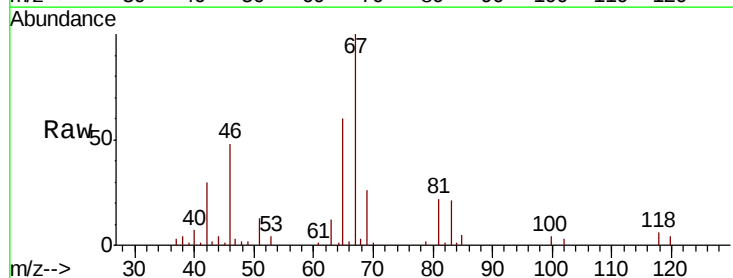
Tgt Ion: 83 Resp: 7809

Ion Ratio Lower Upper

83 100

55 0.5 64.4 96.6#

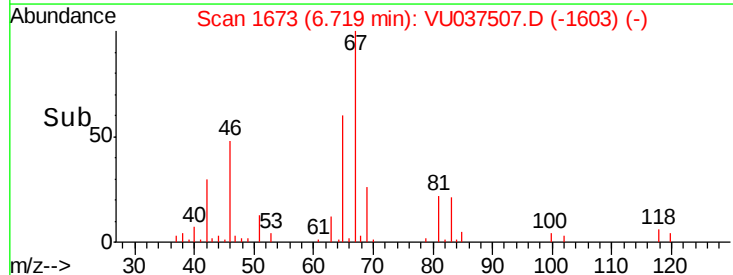
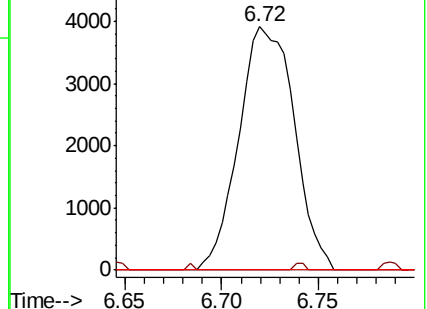
98 0.0 38.2 57.2#

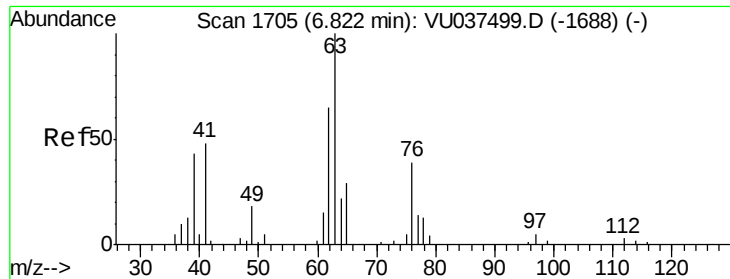


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

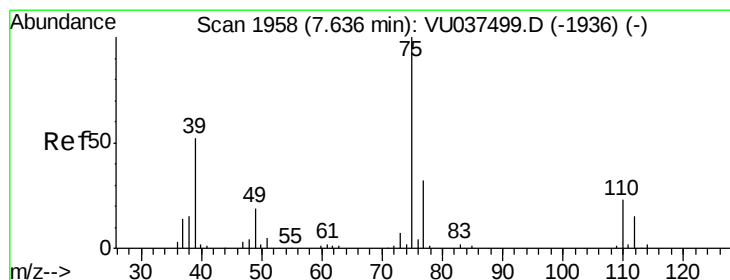
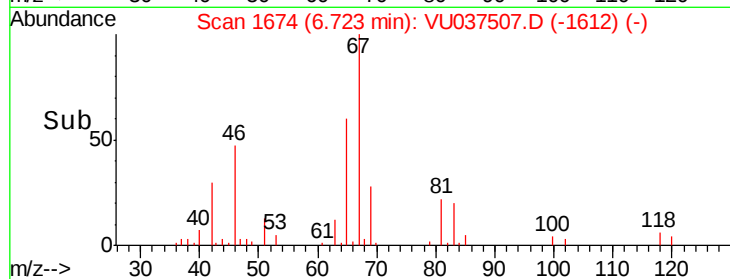
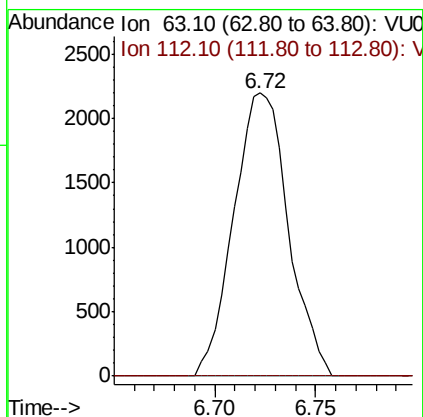
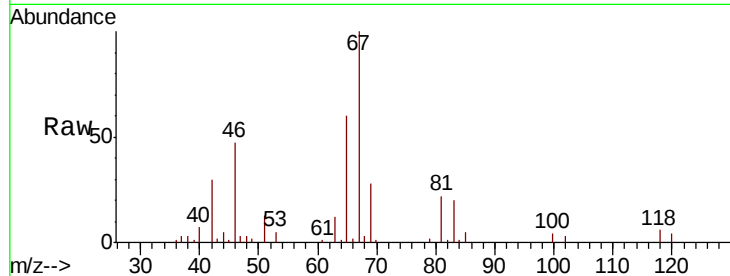




#37
 1,2-Dichloropropane
 Concen: 0.576 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037507.D
 Acq: 31 Mar 2020 19:58

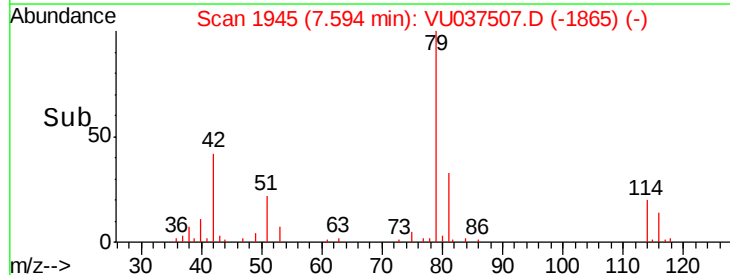
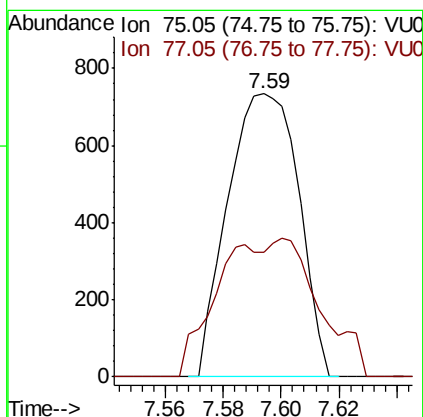
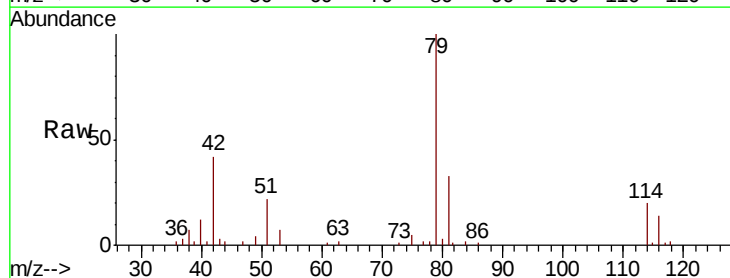
Instrument :
 MSVOA_U
 ClientSampleId :

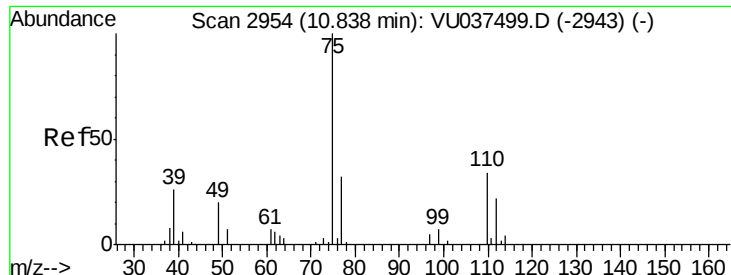
Tot Ion: 63 Resp: 4160
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037507.D
 Acq: 31 Mar 2020 19:58

Tgt Ion: 75 Resp: 1245
 Ion Ratio Lower Upper
 75 100
 77 44.3 22.4 41.6#





#59

1,2,3-Trichloropropane

Concen: 1.325 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037507.D

Acq: 31 Mar 2020 19:58

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6582

Ion Ratio Lower Upper

75 100

77 34.4 26.2 39.2

