

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
 Data File : VU038118.D
 Acq On : 12 May 2020 12:46
 Operator : JC/MD
 Sample : L2528-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 01:15:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 01:13:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	358811	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	346149	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	169211	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	157236	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.93	69	140756	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.59	63	203256	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.69	46	501135	61.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.78%
24) Chloroform-d	5.10	84	245416	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.74	65	151288	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.76	84	547506	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.72	67	178690	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.92	98	481481	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	8.20	79	65969	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.66	63	406448	64.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	144439	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	174925	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

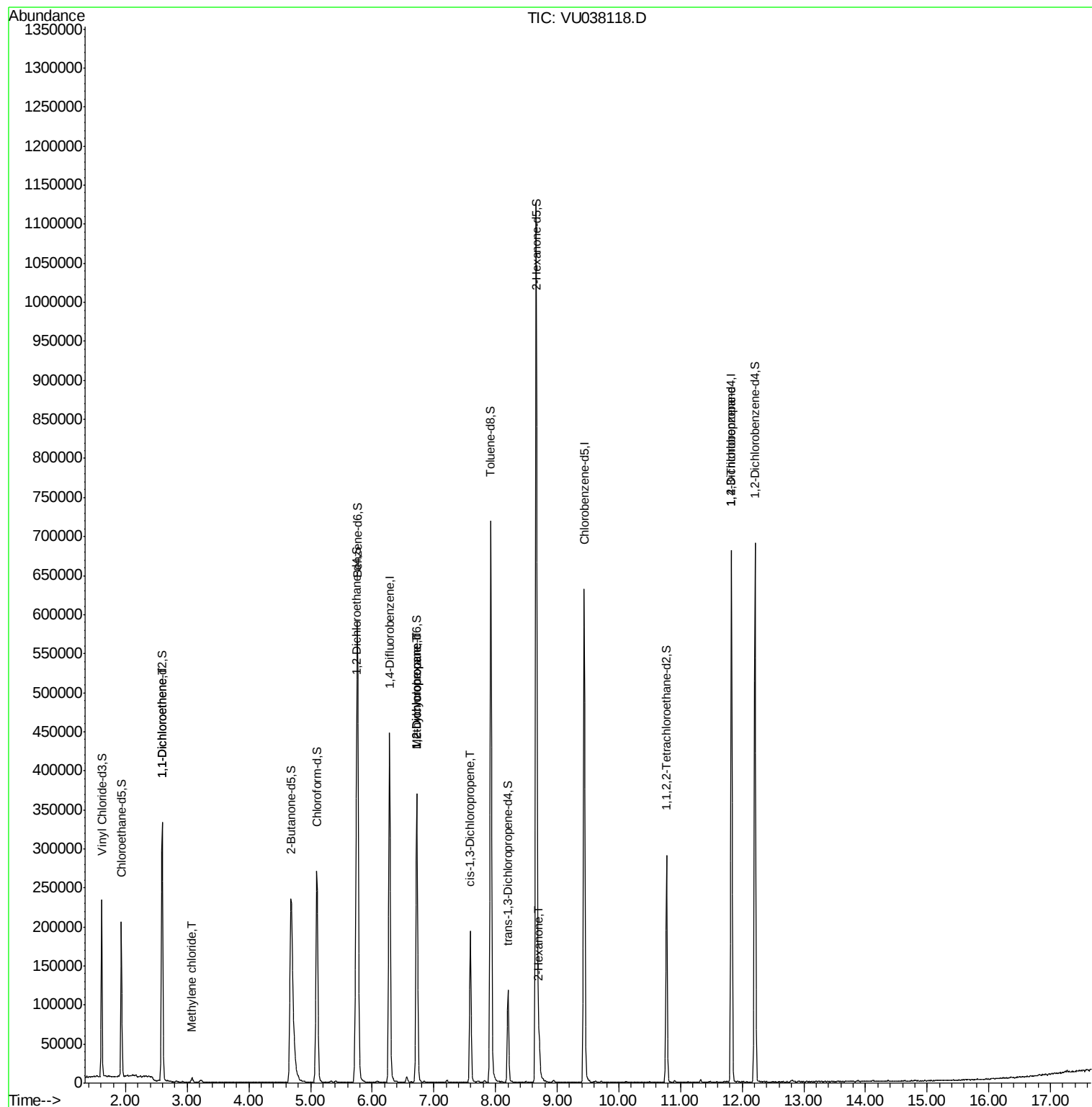
				Ovalue	
12) 1,1-Dichloroethene	2.59	96	1526	0.061 ug/L #	1
16) Methylene chloride	3.08	84	2573	0.089 ug/L	91
35) Methylcyclohexane	6.72	83	39452	0.878 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	18649	0.619 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4377	0.102 ug/L #	72
48) 2-Hexanone	8.71	43	26862	1.758 ug/L #	94
59) 1,2,3-Trichloropropane	11.83	75	23094	1.143 ug/L	93

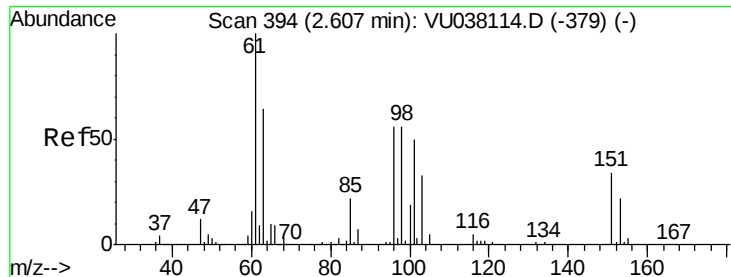
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038118.D

Acq: 12 May 2020 12:46

Instrument :

MSVOA_U

ClientSampleId :

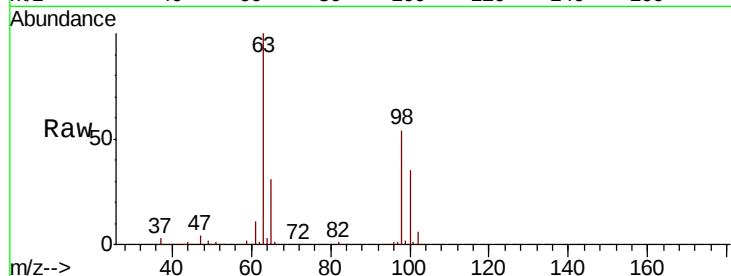
Tot Ion: 96 Resp: 1526

Ion Ratio Lower Upper

96 100

61 1490.9 126.2 234.4#

63 13481.9 96.9 179.9#



Abundance Ion 96.00 (95.70 to 96.70): VU038118.D (-389) (-)

Ion 61.05 (60.75 to 61.75): VU038118.D (-389) (-)

Ion 63.00 (62.70 to 63.70): VU038118.D (-389) (-)

150000

100000

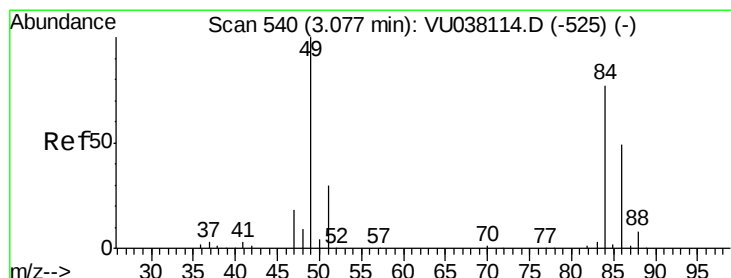
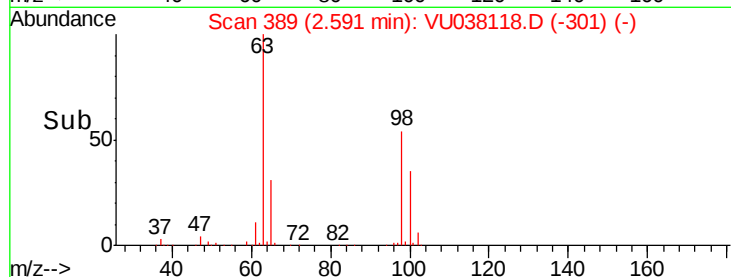
50000

0

2.55

2.60

Time-->



#16

Methylene chloride

Concen: 0.089 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038118.D

Acq: 12 May 2020 12:46

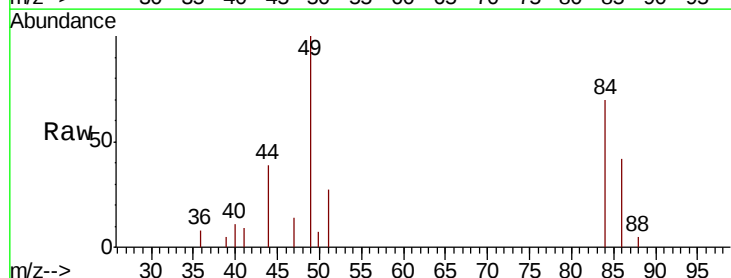
Tgt Ion: 84 Resp: 2573

Ion Ratio Lower Upper

84 100

86 60.4 44.9 83.3

49 143.8 92.0 170.9



Abundance Ion 84.05 (83.75 to 84.75): VU038118.D (-540) (-)

Ion 86.00 (85.70 to 86.70): VU038118.D (-540) (-)

Ion 49.10 (48.80 to 49.80): VU038118.D (-540) (-)

3000

2500

2000

1500

1000

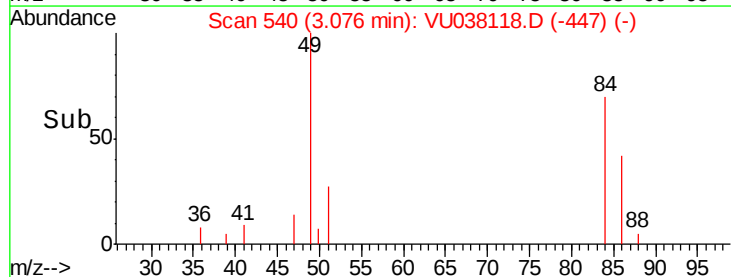
500

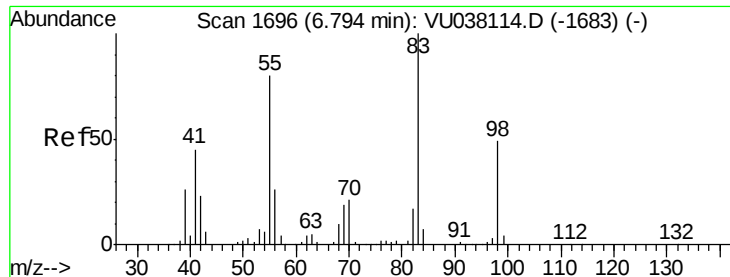
0

3.05

3.10

Time-->

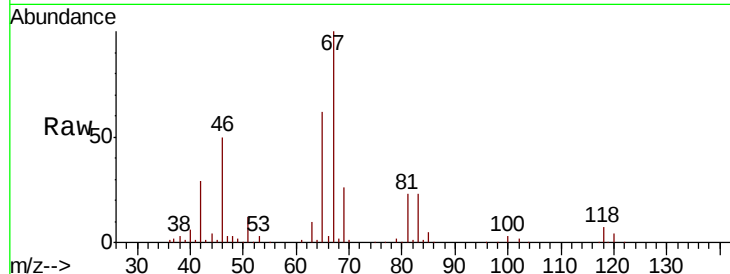




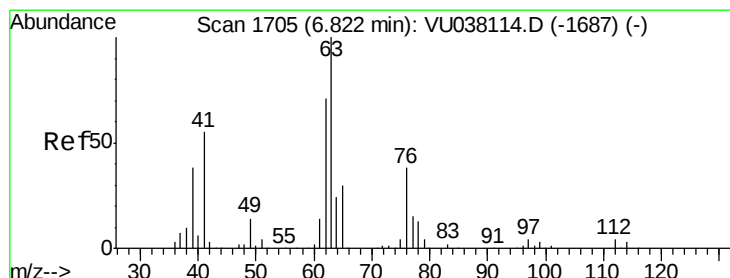
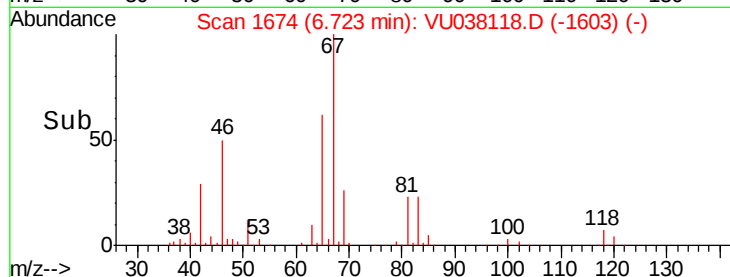
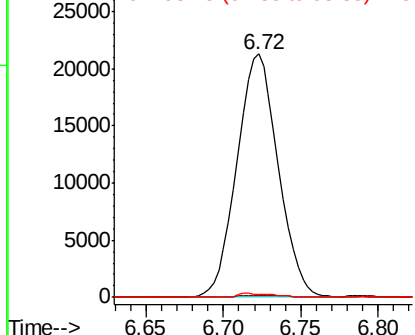
#35
Methvlcvclohexane
Concen: 0.878 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038118.D
Acq: 12 May 2020 12:46

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 39452
Ion Ratio Lower Upper
83 100
55 0.5 66.7 100.1#
98 1.2 39.4 59.2#

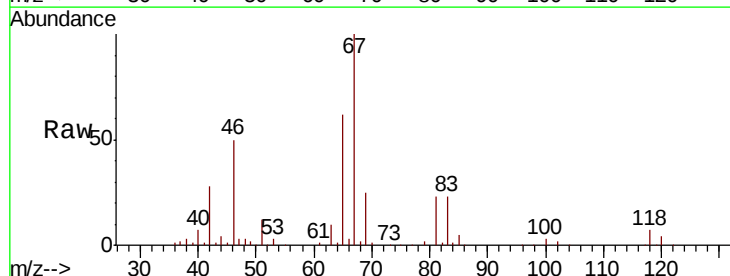


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

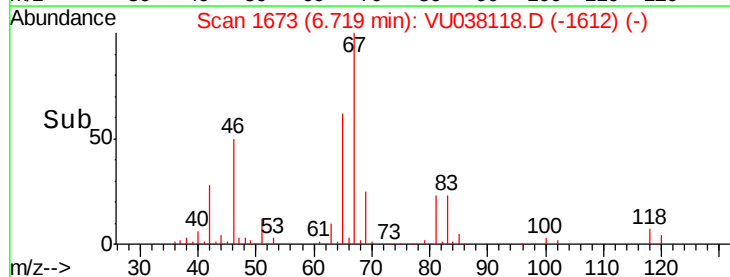
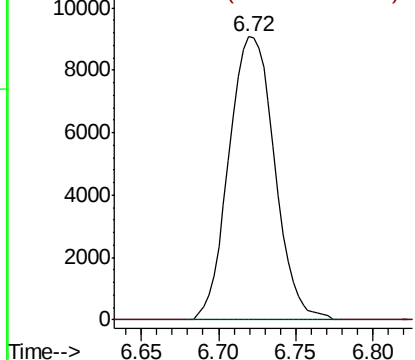


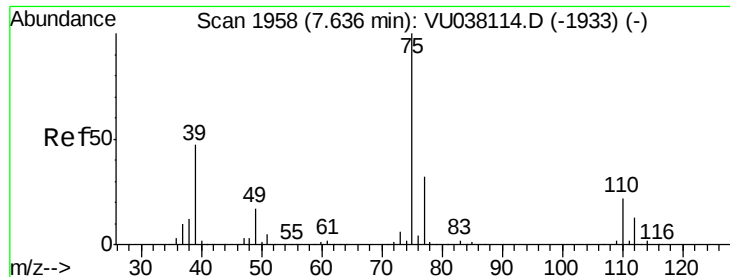
#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038118.D
Acq: 12 May 2020 12:46

Tgt Ion: 63 Resp: 18649
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

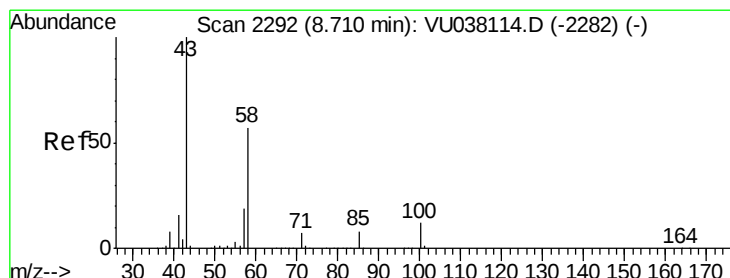
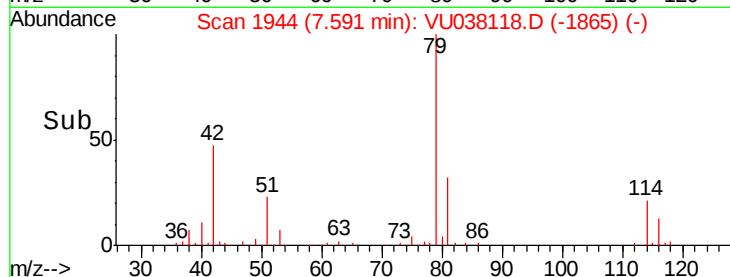
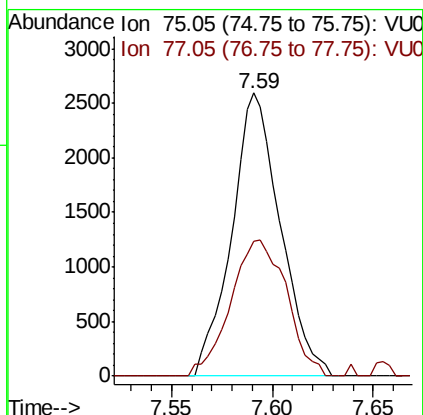
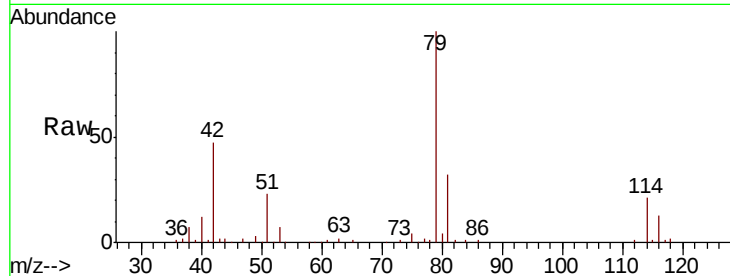




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU038118.D
 Acq: 12 May 2020 12:46

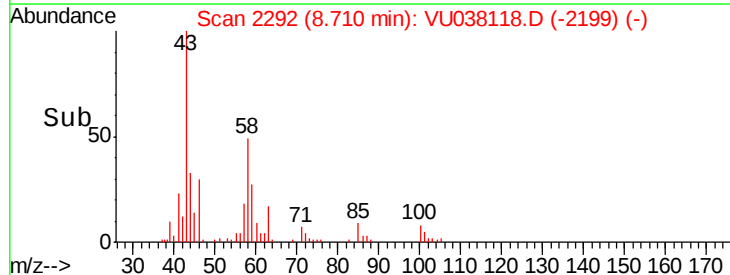
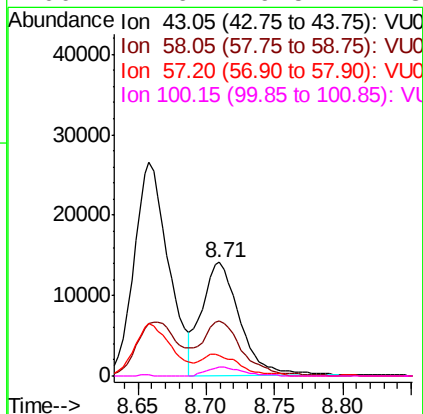
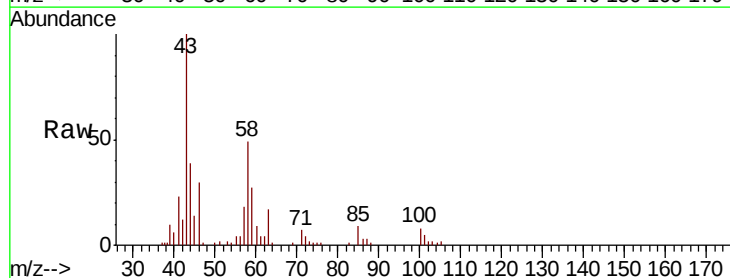
Instrument :
 MSVOA_U
 ClientSampleId :

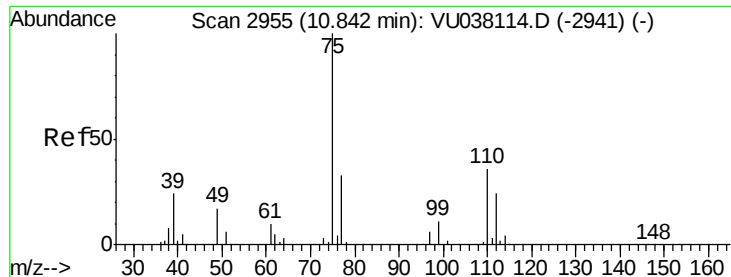
Tot Ion: 75 Resp: 4377
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.758 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: VU038118.D
 Acq: 12 May 2020 12:46

Tgt Ion: 43 Resp: 26862
 Ion Ratio Lower Upper
 43 100
 58 51.3 45.2 67.8
 57 20.0 15.5 23.3
 100 7.6 9.5 14.3#





#59

1,2,3-Trichloropropane

Concen: 1.143 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038118.D

Acq: 12 May 2020 12:46

Instrument :

MSVOA_U

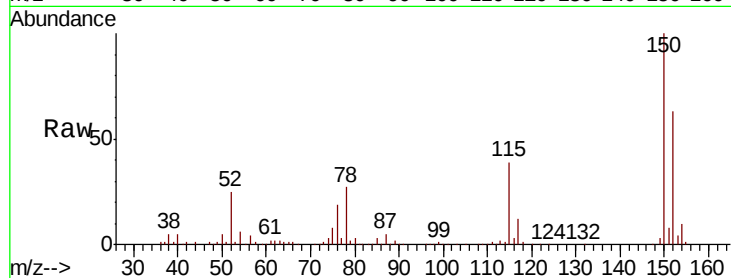
ClientSampleId :

Tot Ion: 75 Resp: 23094

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

