

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052720\
 Data File : VU038323.D
 Acq On : 27 May 2020 16:09
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 28 04:19:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	293562	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	285312	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142918	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	108670	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.93	69	98150	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.59	63	163352	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.66	46	351187	53.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.02%
24) Chloroform-d	5.10	84	213495	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.74	65	129153	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.76	84	464915	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.72	67	142712	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.92	98	405563	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	8.20	79	55059	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.65	63	290271	55.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115547	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	156470	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

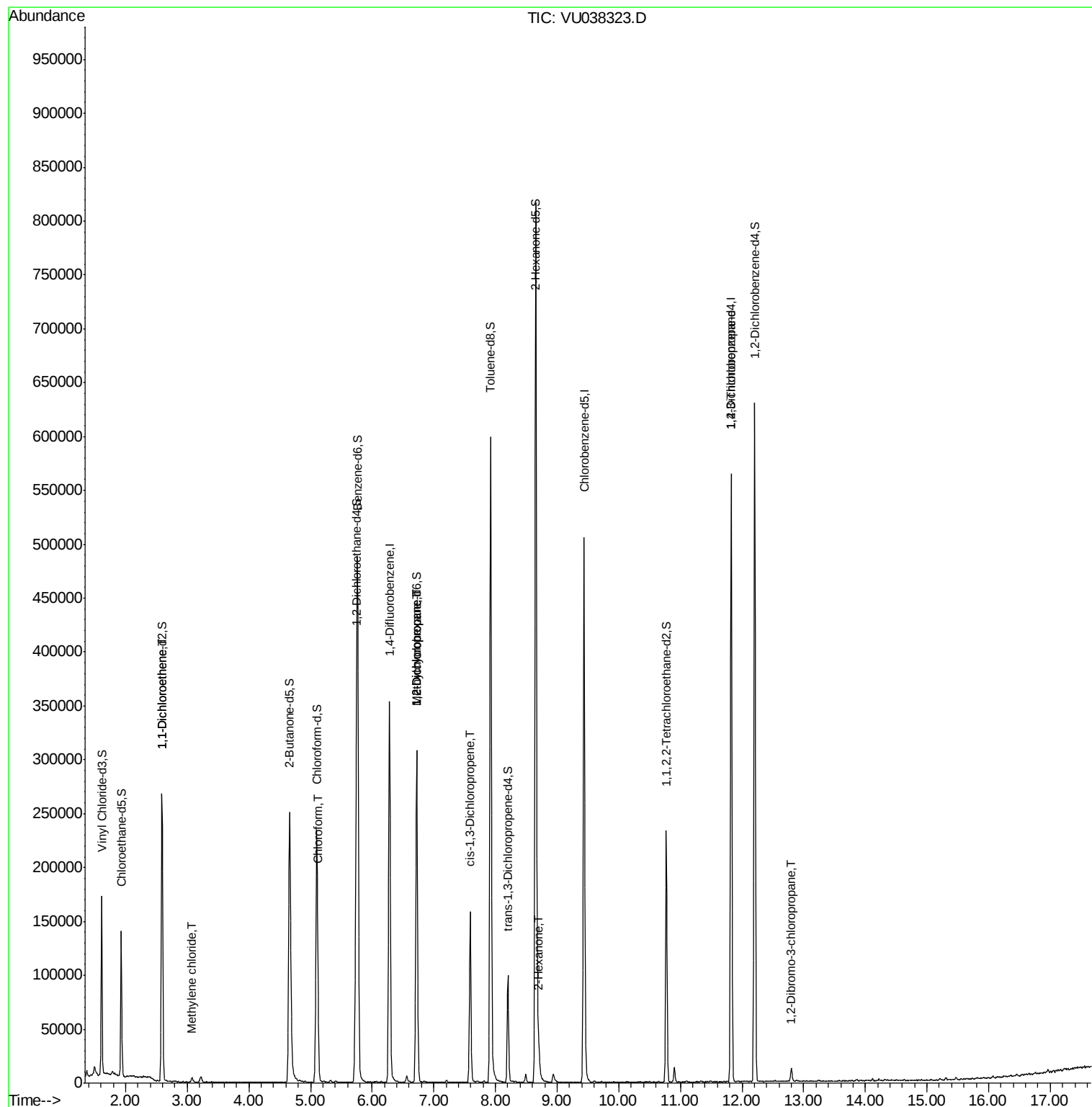
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1265	0.062	ug/L #	1
16) Methylene chloride	3.08	84	1801	0.076	ug/L	96
25) Chloroform	5.12	83	6483	0.160	ug/L	99
35) Methylcyclohexane	6.72	83	34554	0.933	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15694	0.632	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4274	0.120	ug/L #	65
48) 2-Hexanone	8.71	43	15587	1.237	ug/L #	90
59) 1,2,3-Trichloropropane	11.83	75	18214	1.094	ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.80	75	577	0.158	ug/L #	8

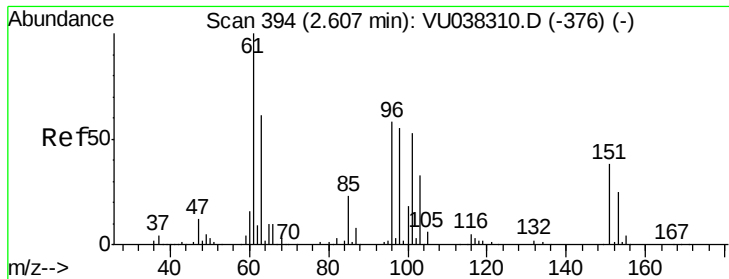
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052720\
Data File : VU038323.D
Acq On : 27 May 2020 16:09
Operator : JC/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 28 04:19:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 04:16:01 2020
Response via : Initial Calibration

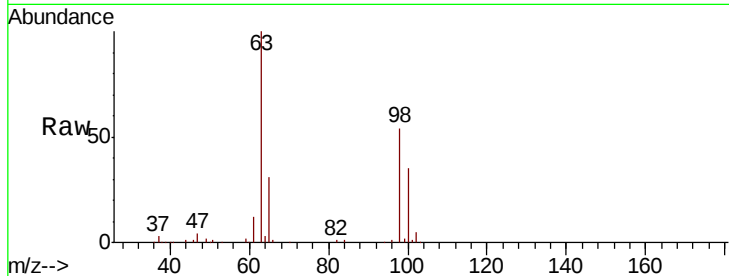




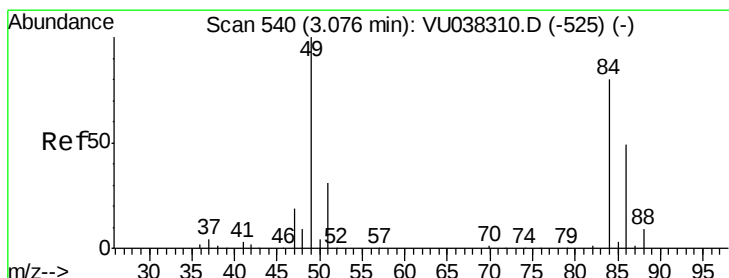
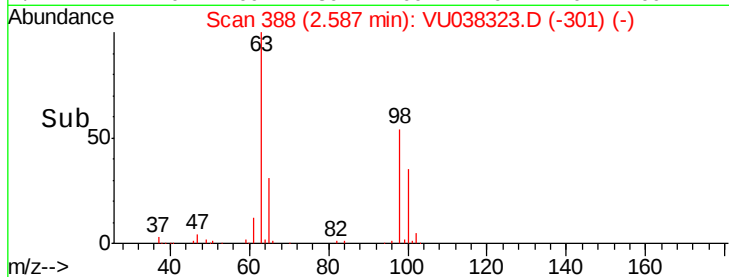
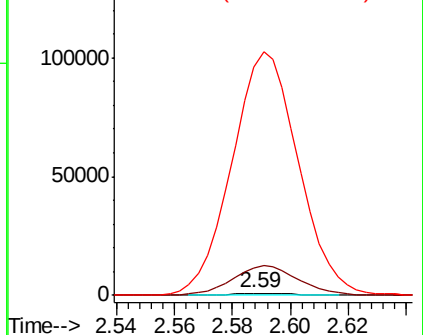
#12
 1,1-Dichloroethene
 Concen: 0.062 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: VU038323.D
 Acq: 27 May 2020 16:09

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 96 Resp: 1265
 Ion Ratio Lower Upper
 96 100
 61 1473.4 126.2 234.4#
 63 12215.2 96.9 179.9#

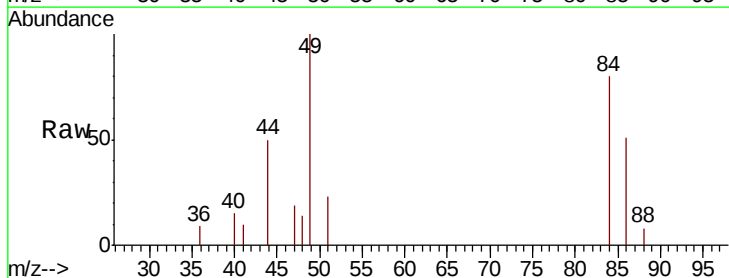


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

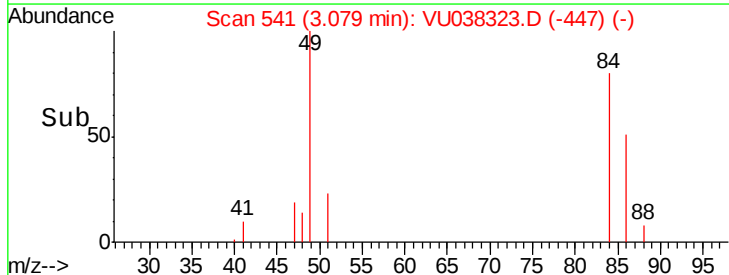
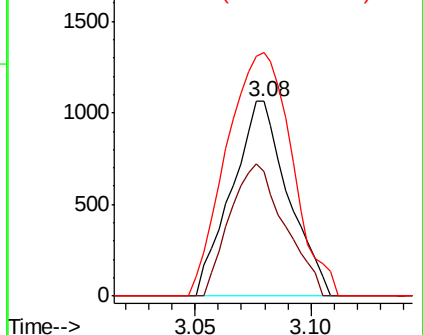


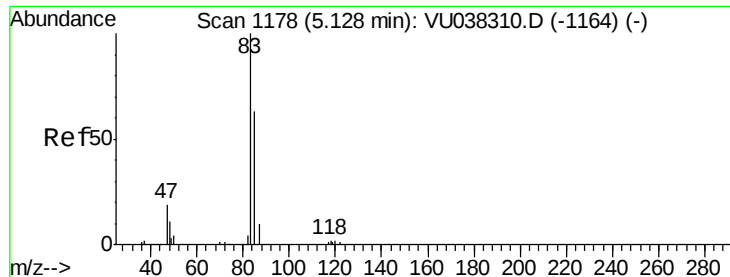
#16
 Methylene chloride
 Concen: 0.076 ug/L
 RT: 3.08 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: VU038323.D
 Acq: 27 May 2020 16:09

Tgt Ion: 84 Resp: 1801
 Ion Ratio Lower Upper
 84 100
 86 63.7 44.9 83.3
 49 125.0 92.0 170.9



Abundance Ion 84.05 (83.75 to 84.75): VU0
 Ion 86.00 (85.70 to 86.70): VU0
 Ion 49.10 (48.80 to 49.80): VU0





#25

Chloroform

Concen: 0.160 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038323.D

Acq: 27 May 2020 16:09

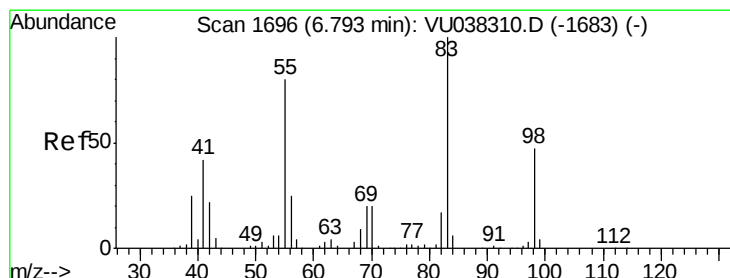
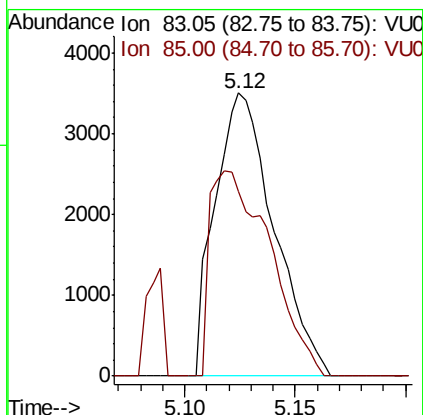
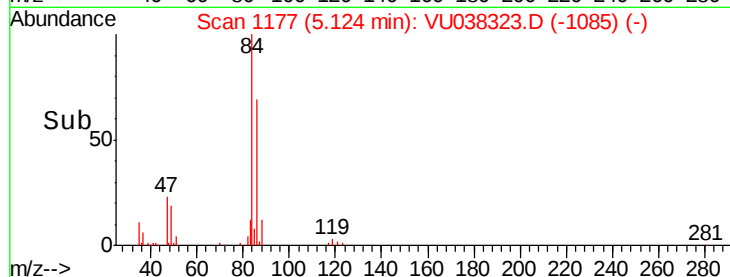
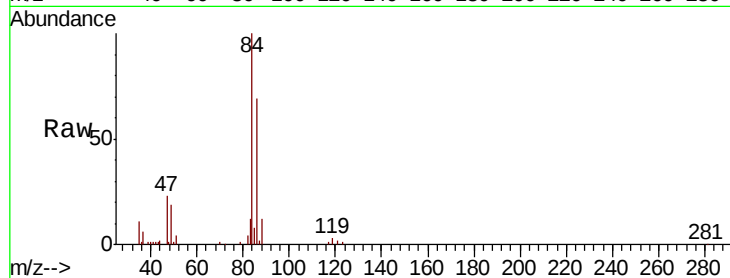
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 6483

Ion Ratio Lower Upper

83 100

85 65.3 46.2 85.8



#35

Methylcyclohexane

Concen: 0.933 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038323.D

Acq: 27 May 2020 16:09

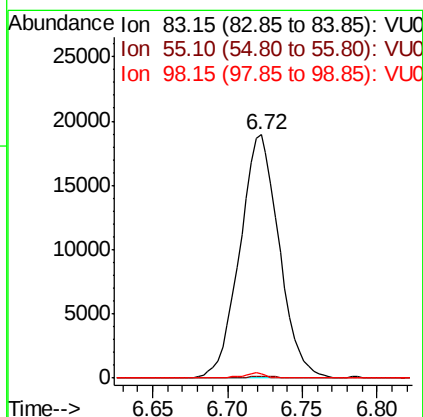
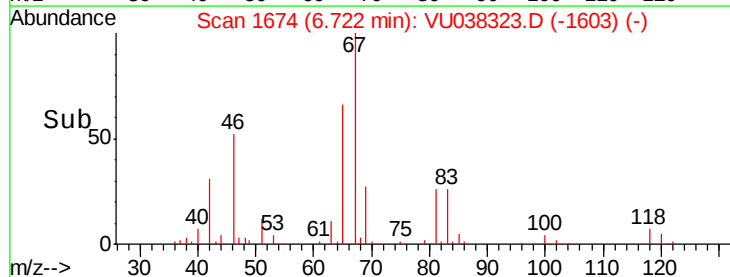
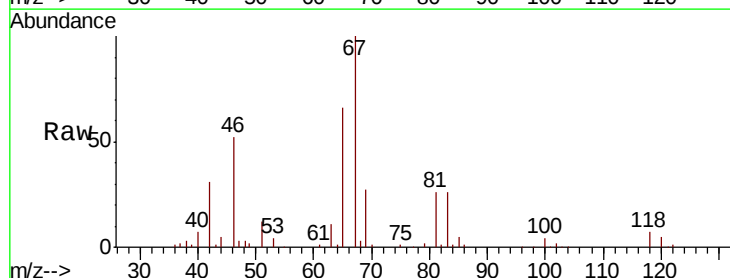
Tgt Ion: 83 Resp: 34554

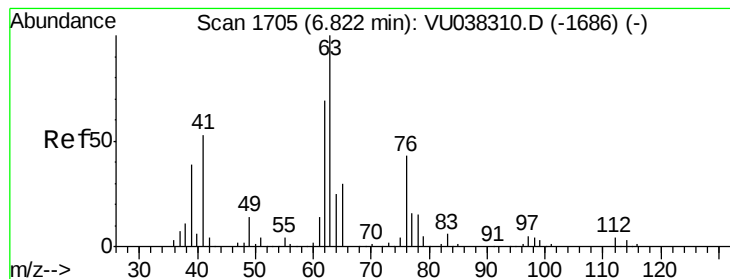
Ion Ratio Lower Upper

83 100

55 0.5 66.7 100.1#

98 1.1 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.632 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038323.D

Acq: 27 May 2020 16:09

Instrument :

MSVOA_U

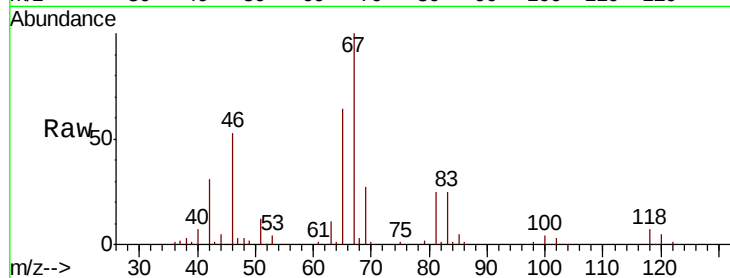
ClientSampleId :

Tot Ion: 63 Resp: 15694

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038310.D (-1686) (-)

Ion 112.10 (111.80 to 112.80): VU038310.D (-1686) (-)

6.72

8000

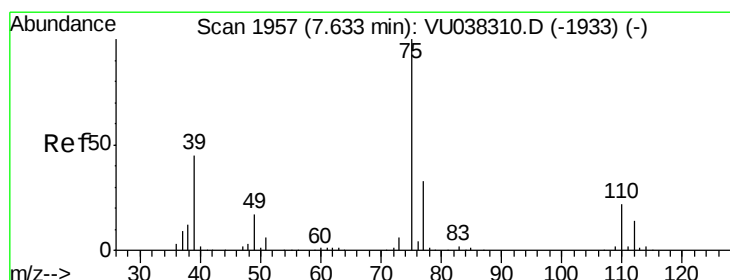
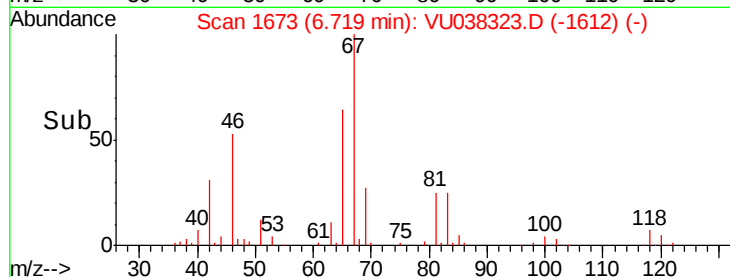
6000

4000

2000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU038323.D

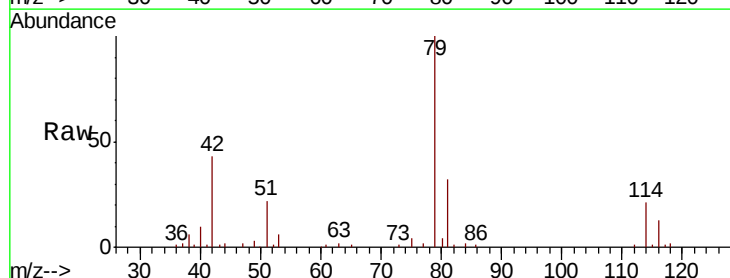
Acq: 27 May 2020 16:09

Tgt Ion: 75 Resp: 4274

Ion Ratio Lower Upper

75 100

77 51.5 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038310.D (-1933) (-)

Ion 77.05 (76.75 to 77.75): VU038310.D (-1933) (-)

7.59

2500

2000

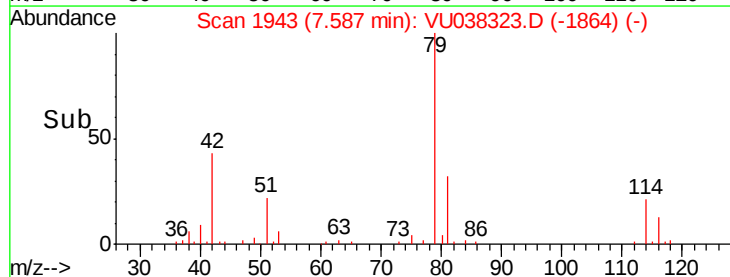
1500

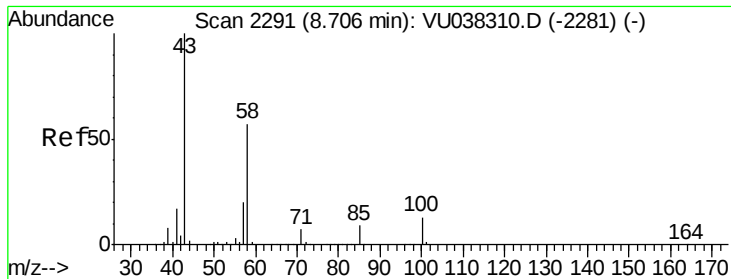
1000

500

0

Time-->

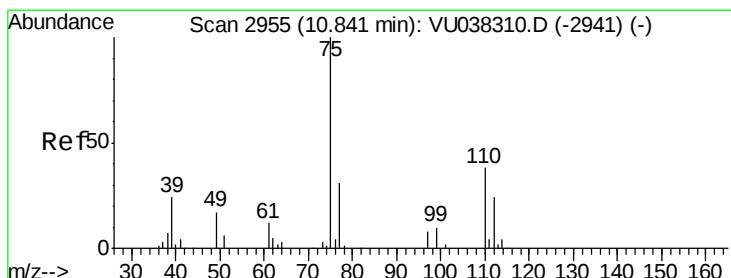
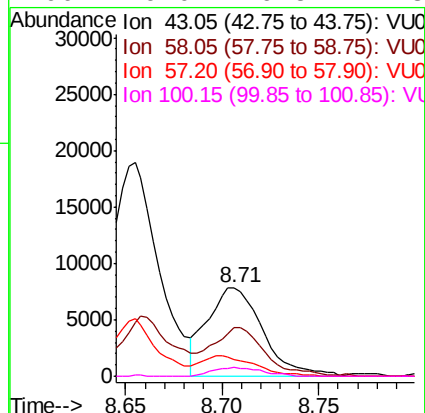
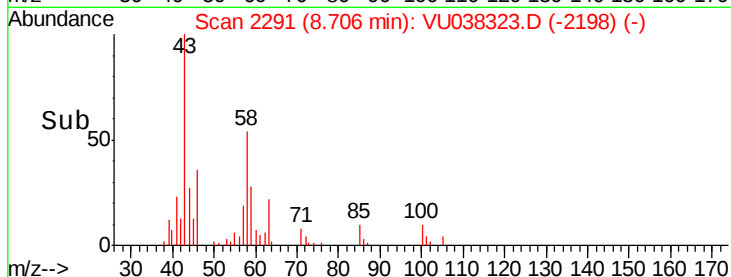
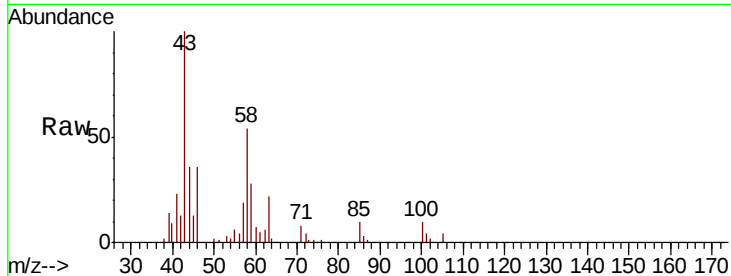




#48
 2-Hexanone
 Concen: 1.237 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038323.D
 Acq: 27 May 2020 16:09

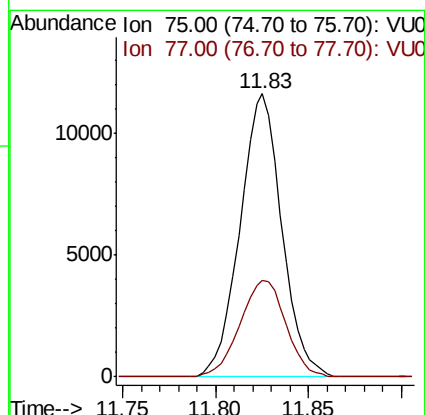
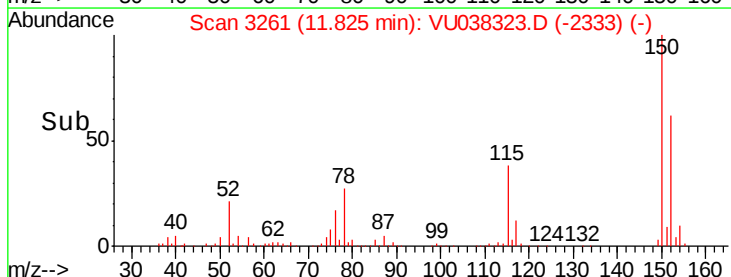
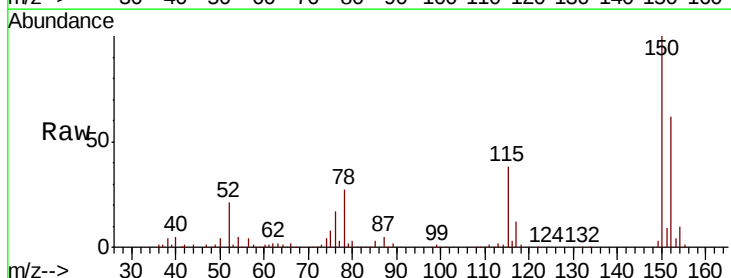
Instrument :
 MSVOA_U
 ClientSampled :

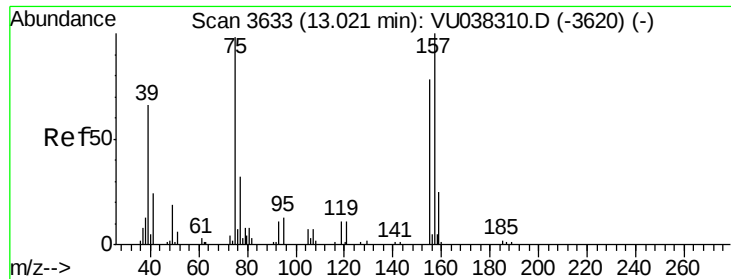
Tot Ion: 43 Resp: 15587
 Ion Ratio Lower Upper
 43 100
 58 48.5 45.2 67.8
 57 23.5 15.5 23.3#
 100 9.0 9.5 14.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.094 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038323.D
 Acq: 27 May 2020 16:09

Tgt Ion: 75 Resp: 18214
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.4 38.0





#66

1,2-Dibromo-3-chloropropane

Concen: 0.158 ug/L

RT: 12.80 min Scan# 3564

Delta R.T. -0.22 min

Lab File: VU038323.D

Acq: 27 May 2020 16:09

Instrument :

MSVOA_U

ClientSampleId :

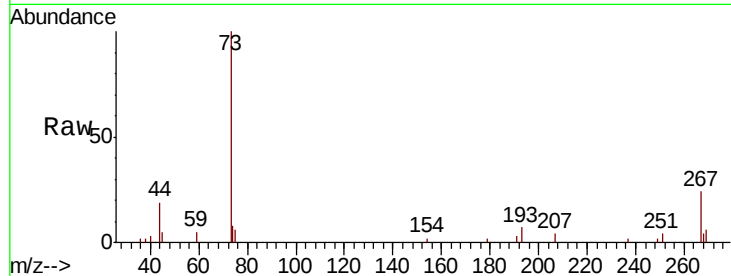
Tot Ion: 75 Resp: 577

Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.2#

157 0.0 72.9 109.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

