

Data File : VU036741.D
Acq On : 12 Feb 2020 10:47
Operator : JC/MD
Sample : VV0212WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK13

Quant Time: Feb 13 01:01:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	118580	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	111332	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45851	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	51059	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.93	69	44758	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.59	63	66585	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.69	46	116260	54.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.72%
24) Chloroform-d	5.11	84	77854	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.75	65	44454	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.77	84	174357	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.73	67	55599	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.93	98	156970	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	8.21	79	20779	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.67	63	94972	49.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.60%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40805	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	47831	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

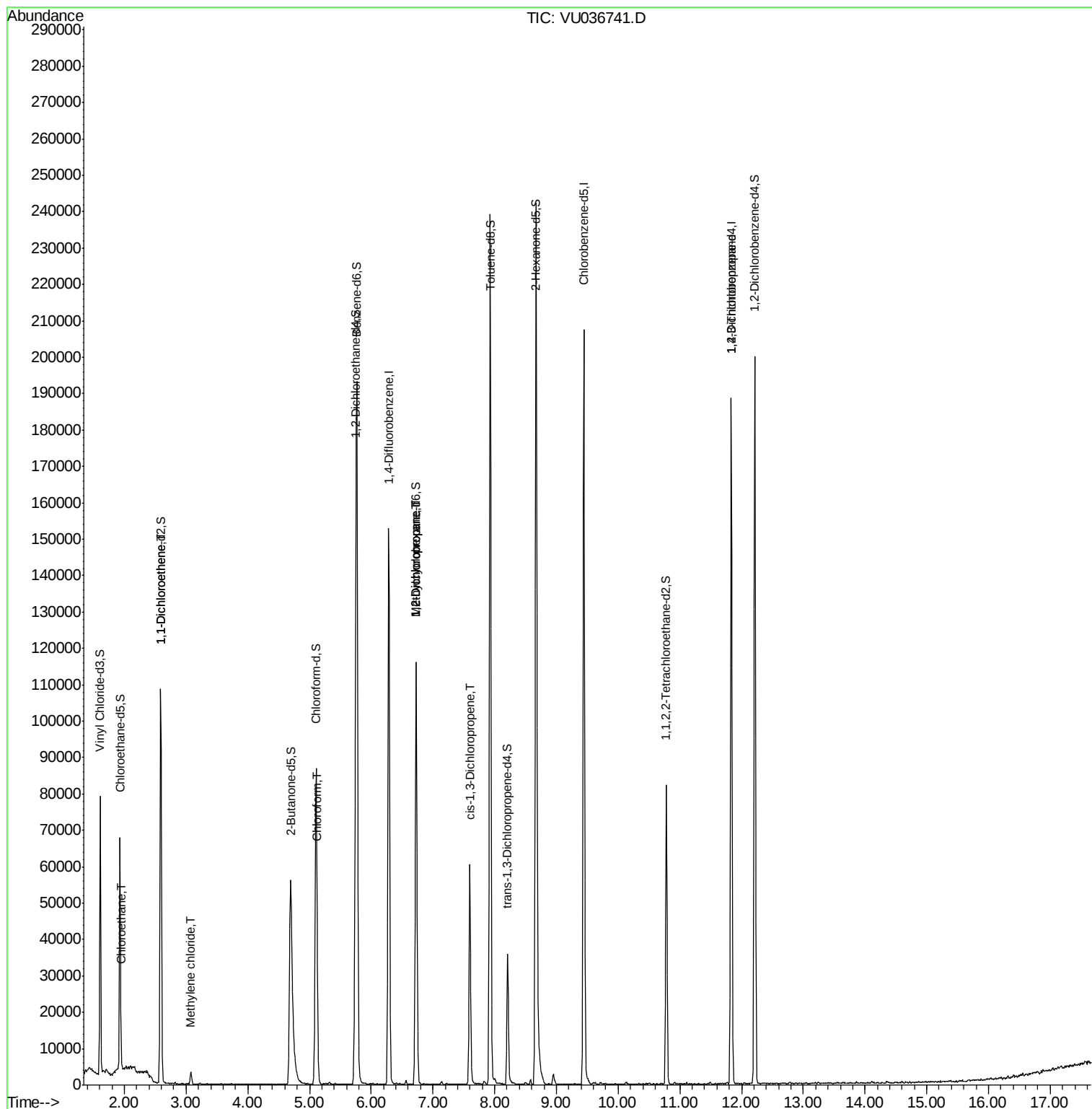
					Qvalue
8) Chloroethane	1.95	64	918	0.138 ug/L #	43
12) 1,1-Dichloroethene	2.60	96	480	0.067 ug/L #	1
16) Methylene chloride	3.07	84	1511	0.124 ug/L	93
25) Chloroform	5.13	83	4214	0.253 ug/L	97
35) Methylcyclohexane	6.73	83	12301	0.886 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	6045	0.645 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1377	0.101 ug/L #	35
59) 1,2,3-Trichloropropane	11.83	75	7162	1.157 ug/L	97

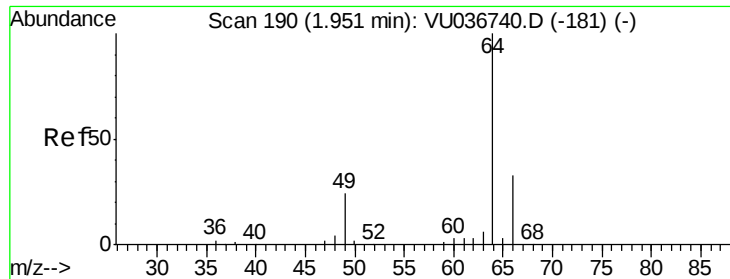
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
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#8

Chloroethane

Concen: 0.138 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU036741.D

Acq: 12 Feb 2020 10:47

Instrument :

MSVOA_U

ClientSampleId :

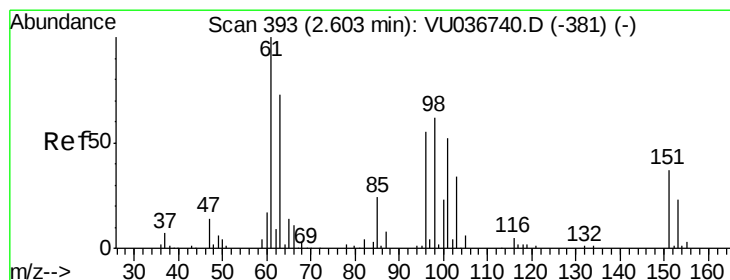
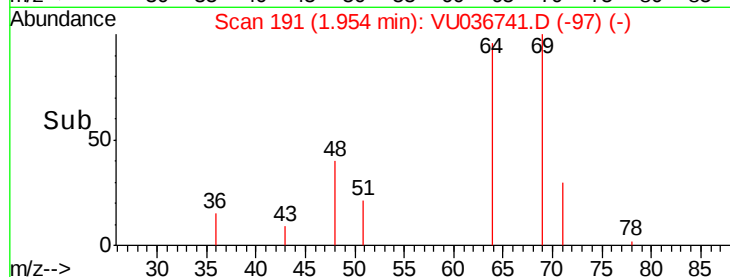
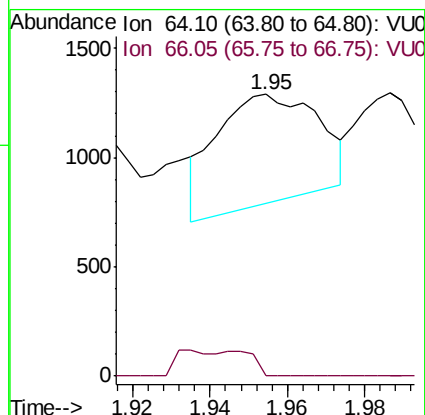
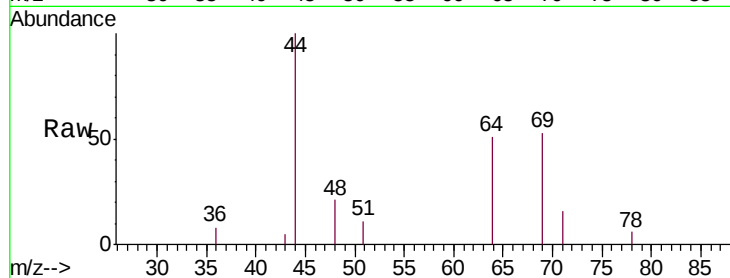
VBLK13

Tgt Ion: 64 Resp: 918

Ion Ratio Lower Upper

64 100

66 0.0 21.8 40.6#



#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036741.D

Acq: 12 Feb 2020 10:47

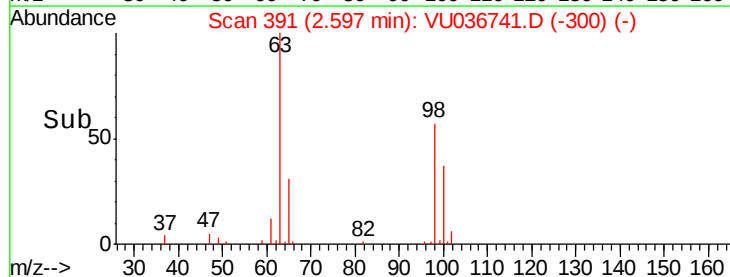
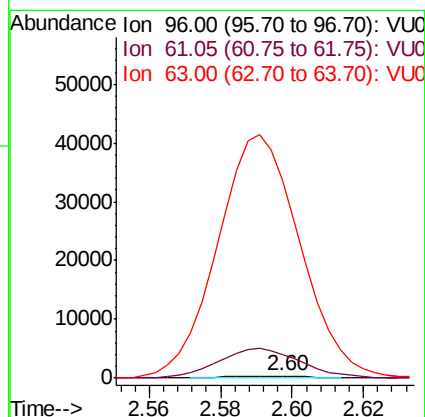
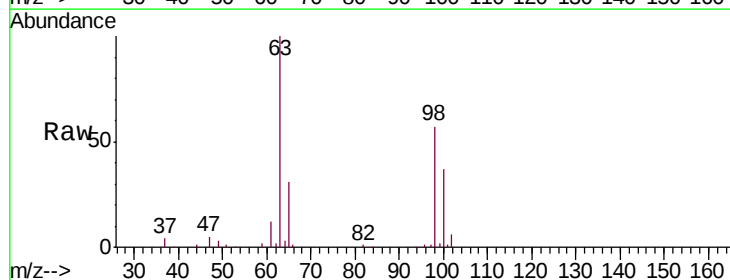
Tgt Ion: 96 Resp: 480

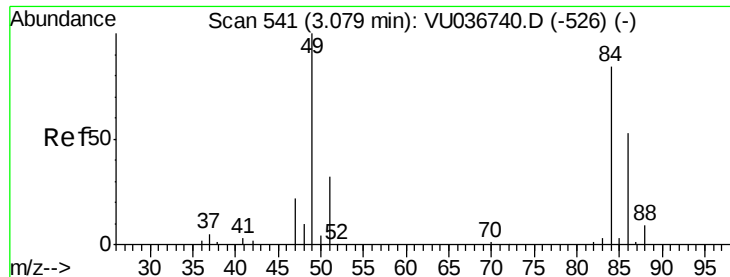
Ion Ratio Lower Upper

96 100

61 1303.8 126.4 234.8#

63 10700.6 89.5 166.3#

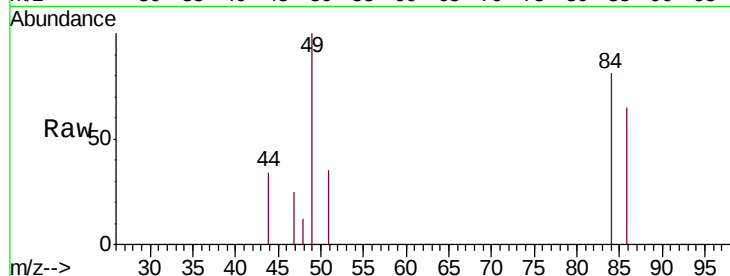




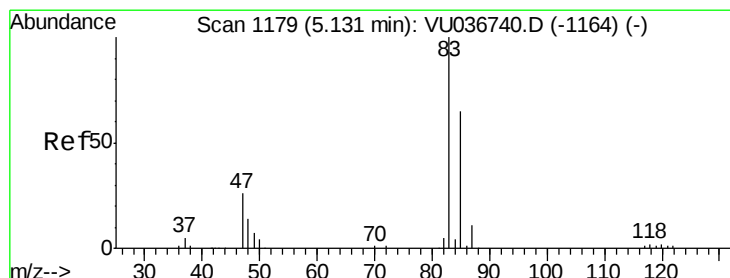
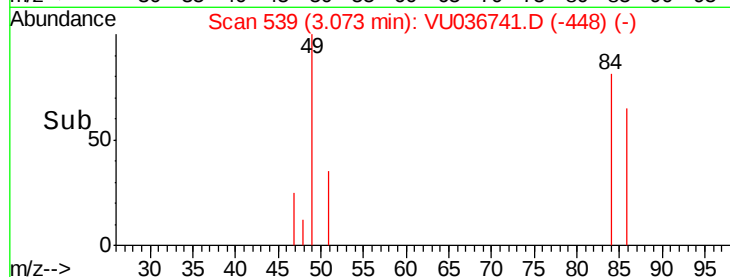
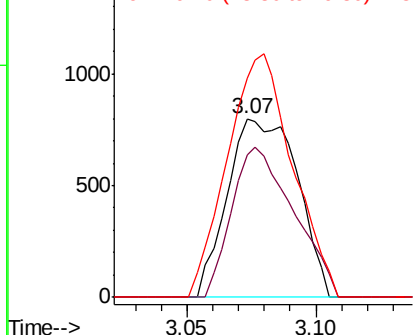
#16
Methylene chloride
Concen: 0.124 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.01 min
Lab File: VU036741.D
Acq: 12 Feb 2020 10:47

Instrument :
MSVOA_U
ClientSampled :
VBLK13

Tgt Ion: 84 Resp: 1511
Ion Ratio Lower Upper
84 100
86 79.5 44.7 82.9
49 122.7 86.7 160.9

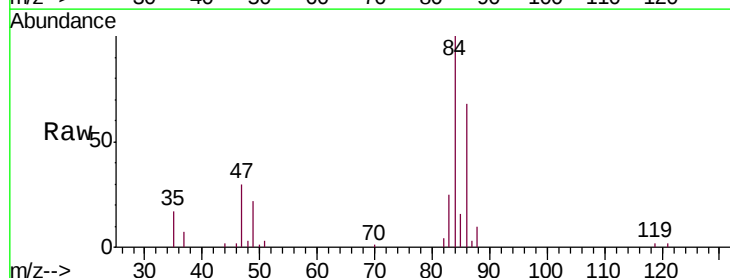


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

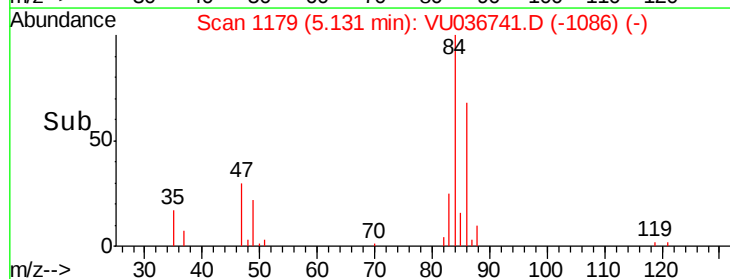
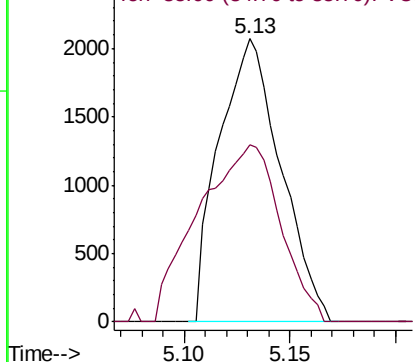


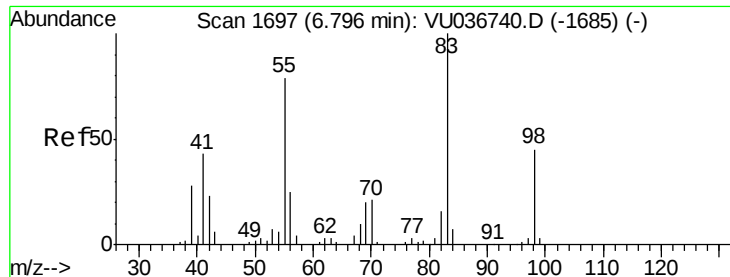
#25
Chloroform
Concen: 0.253 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036741.D
Acq: 12 Feb 2020 10:47

Tgt Ion: 83 Resp: 4214
Ion Ratio Lower Upper
83 100
85 62.7 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#35

Methylcyclohexane

Concen: 0.886 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036741.D

Acq: 12 Feb 2020 10:47

Instrument :

MSVOA_U

ClientSampled :

VBLK13

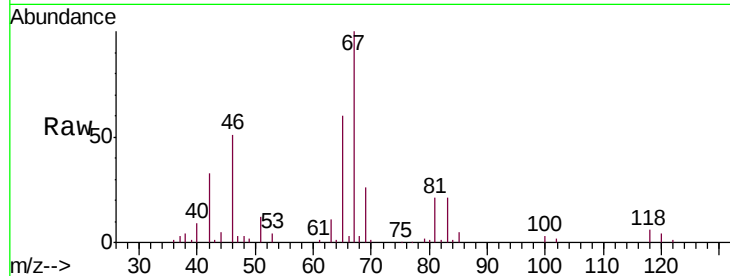
Tgt Ion: 83 Resp: 12301

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

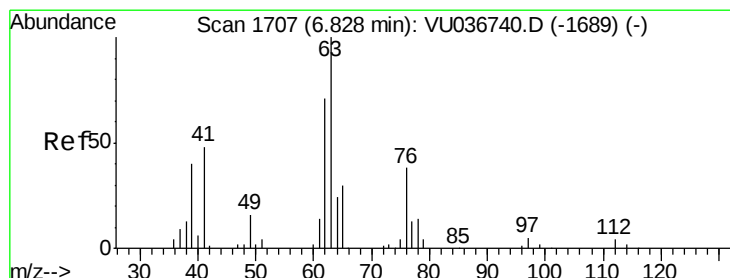
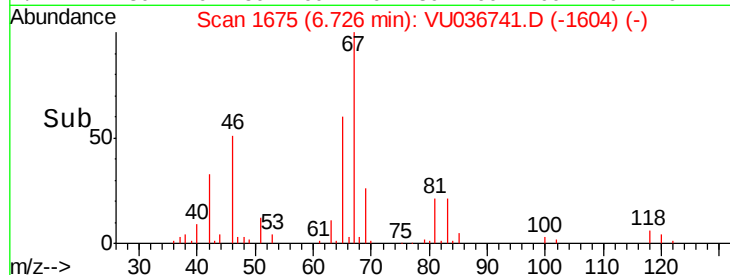
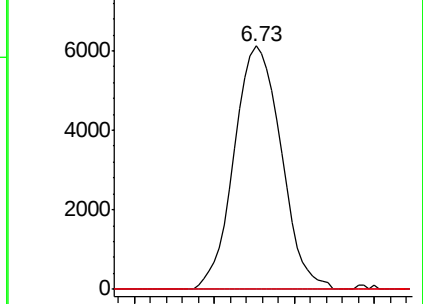
98 1.3 34.2 51.4#



Abundance Ion 83.15 (82.85 to 83.85): VU036741.D (-1685) (-)

Ion 55.10 (54.80 to 55.80): VU036741.D (-1685) (-)

Ion 98.15 (97.85 to 98.85): VU036741.D (-1685) (-)



#37

1,2-Dichloropropane

Concen: 0.645 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036741.D

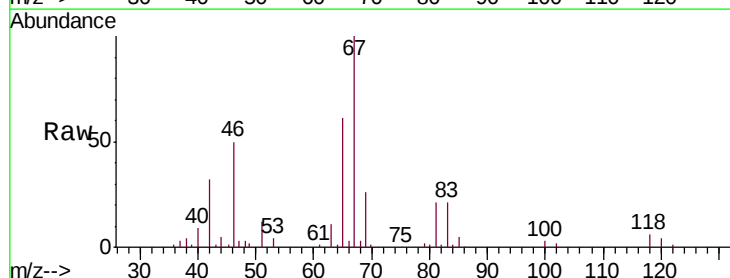
Acq: 12 Feb 2020 10:47

Tgt Ion: 63 Resp: 6045

Ion Ratio Lower Upper

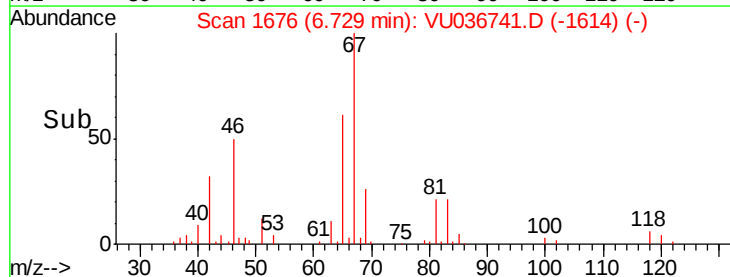
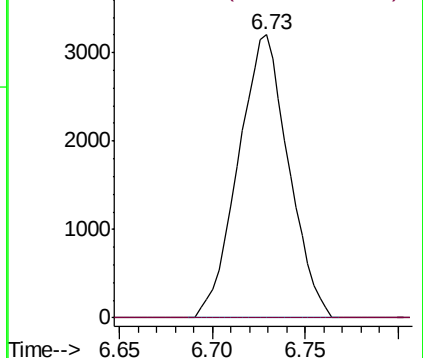
63 100

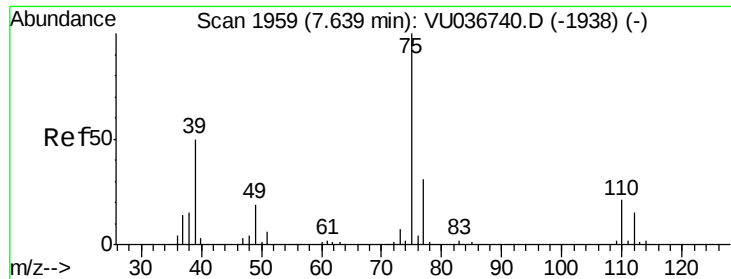
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU036741.D (-1689) (-)

Ion 112.10 (111.80 to 112.80): VU036741.D (-1689) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036741.D

Acq: 12 Feb 2020 10:47

Instrument :

MSVOA_U

ClientSampleId :

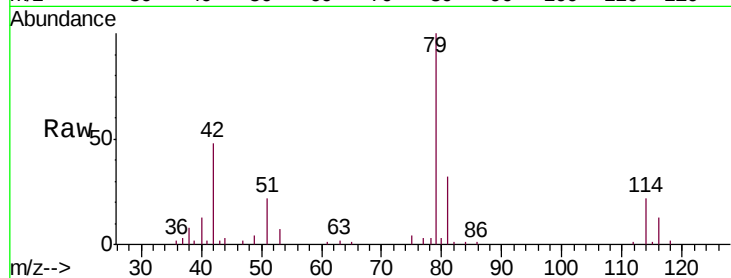
VBLK13

Tgt Ion: 75 Resp: 1377

Ion Ratio Lower Upper

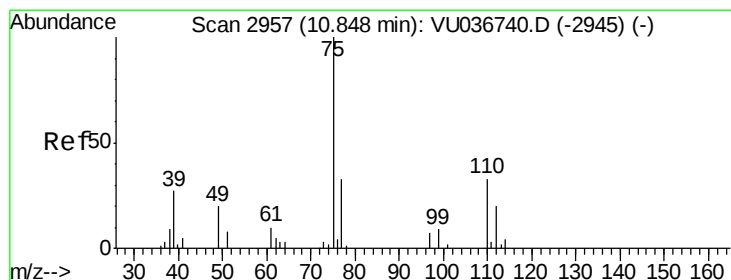
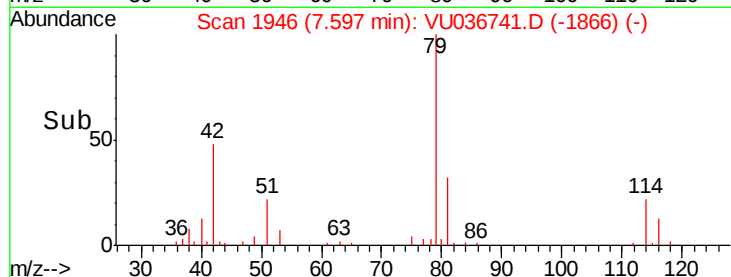
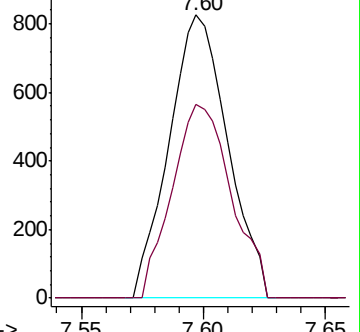
75 100

77 68.3 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 1.157 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036741.D

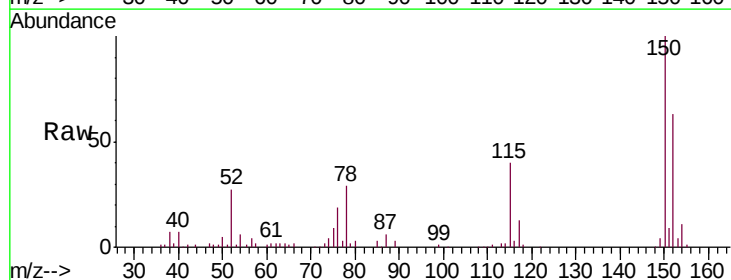
Acq: 12 Feb 2020 10:47

Tgt Ion: 75 Resp: 7162

Ion Ratio Lower Upper

75 100

77 33.6 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

