

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012842.D
 Acq On : 07 Oct 2019 16:47
 Operator : JC/SP
 Sample : K5154-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-105S

Quant Time: Oct 08 12:13:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

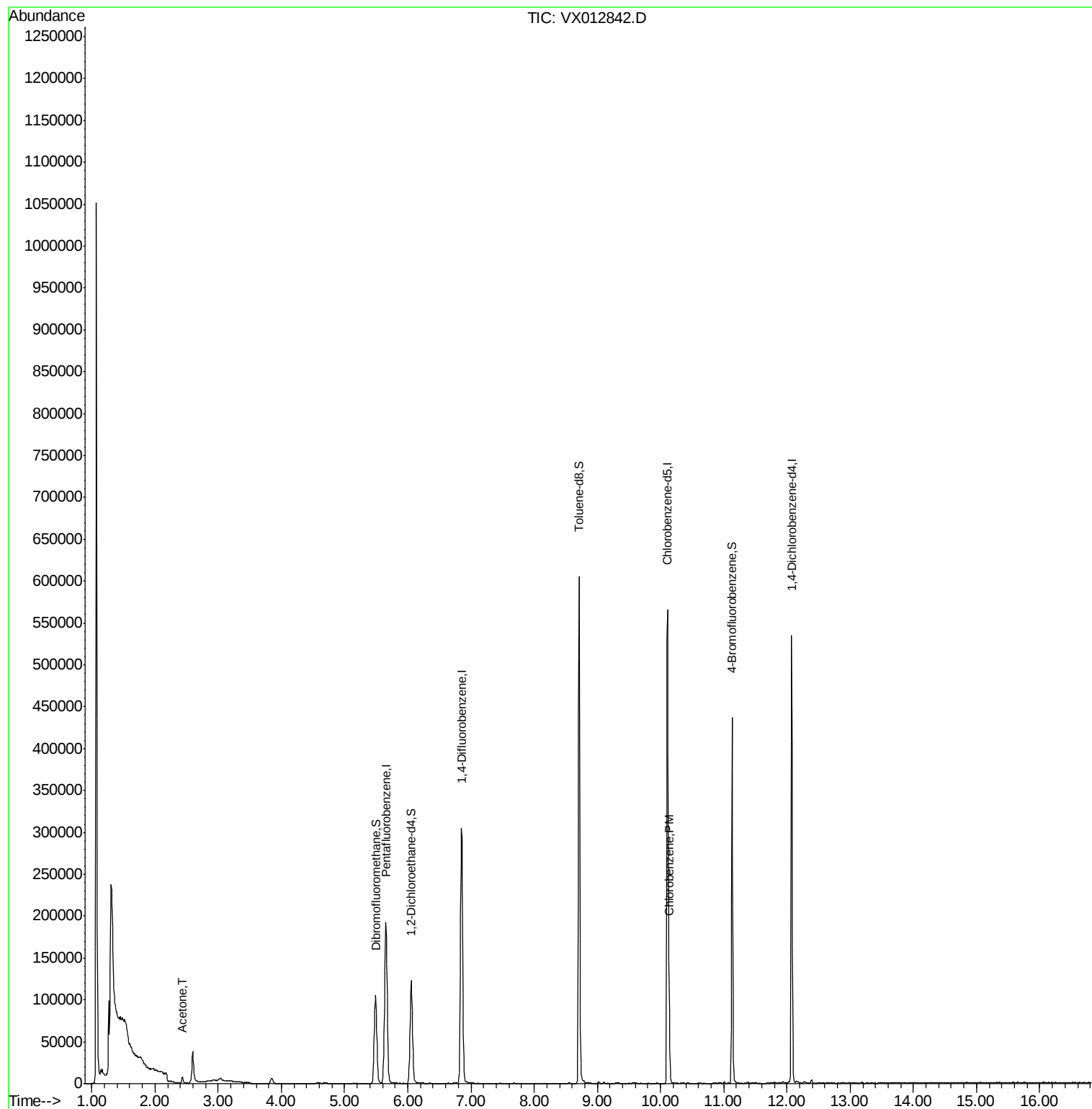
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	303011	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102339	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118548	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
35) Dibromofluoromethane	5.49	113	92996	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
50) Toluene-d8	8.71	98	358627	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.13	95	125507	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
Target Compounds						
16) Acetone	2.44	43	7572	5.486	ug/l #	89
65) Chlorobenzene	10.14	112	47890	8.720	ug/l	97

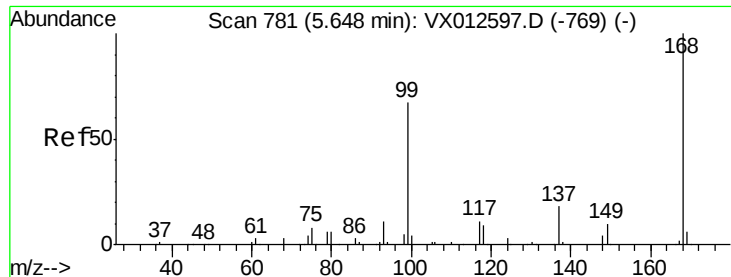
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012842.D

Acq: 07 Oct 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

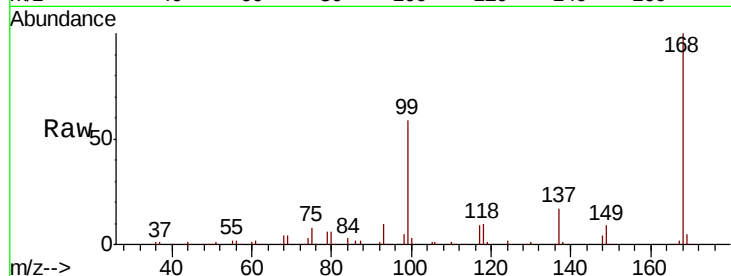
MW-105S

Tot Ion:168 Resp: 178950

Ion Ratio Lower Upper

168 100

99 58.7 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

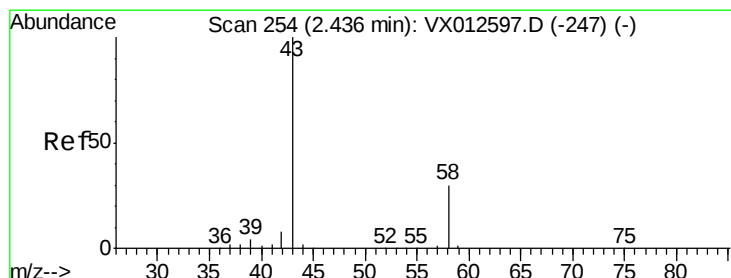
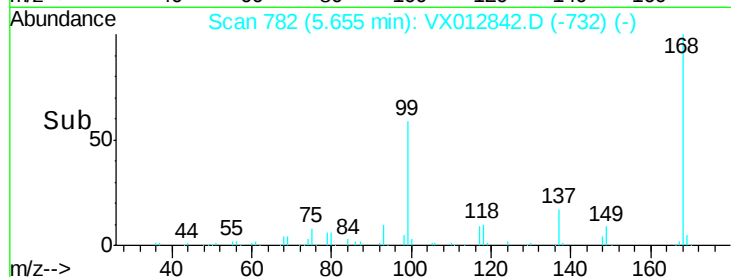
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.486 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012842.D

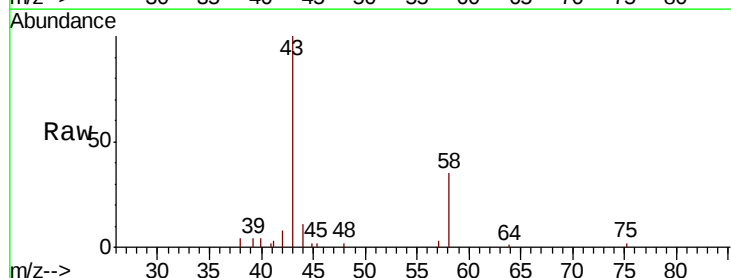
Acq: 07 Oct 2019 16:47

Tgt Ion: 43 Resp: 7572

Ion Ratio Lower Upper

43 100

58 35.0 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

5000

4000

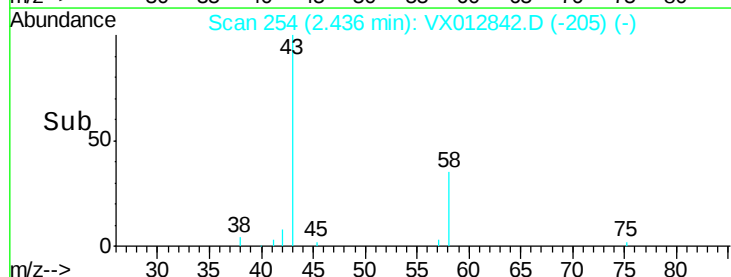
3000

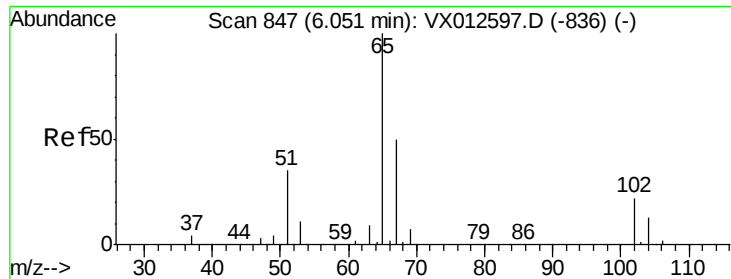
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

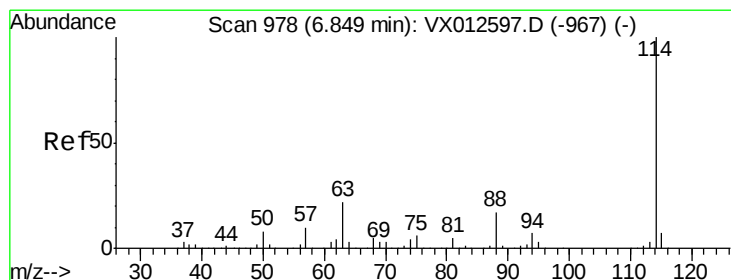
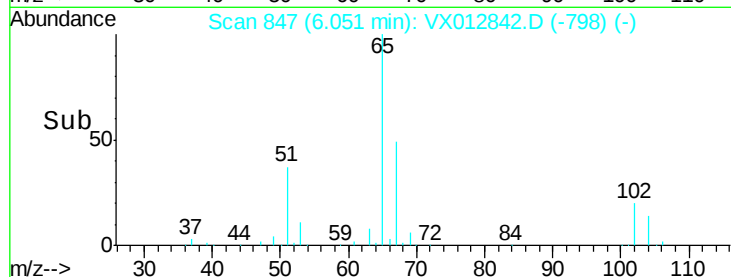
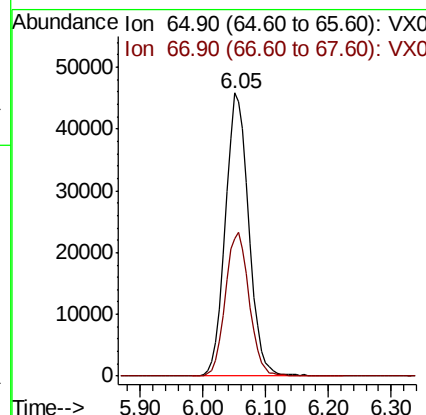
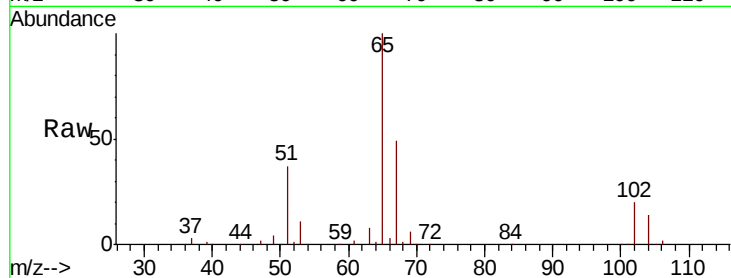




#33
 1,2-Dichloroethane-d4
 Concen: 45.493 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012842.D
 Acq: 07 Oct 2019 16:47

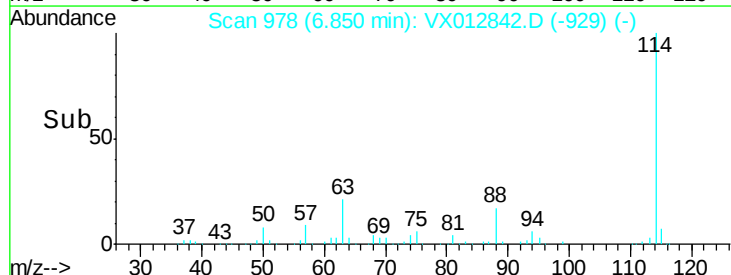
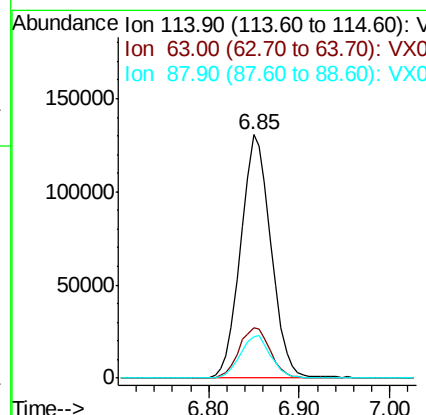
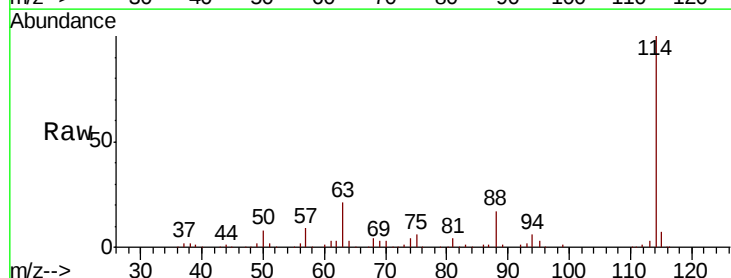
Instrument :
 MSVOA_X
 ClientSampled :
 MW-105S

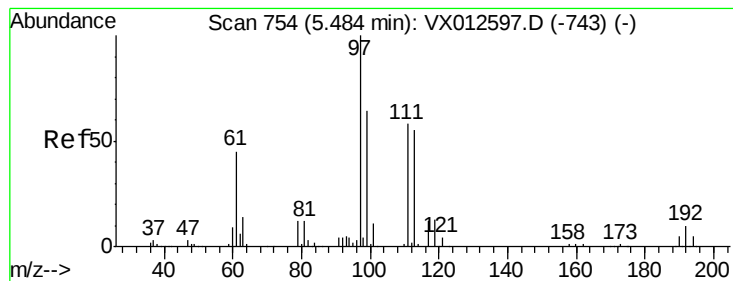
Tot Ion: 65 Resp: 118548
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012842.D
 Acq: 07 Oct 2019 16:47

Tgt Ion: 114 Resp: 303011
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.534 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012842.D

Acq: 07 Oct 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

MW-105S

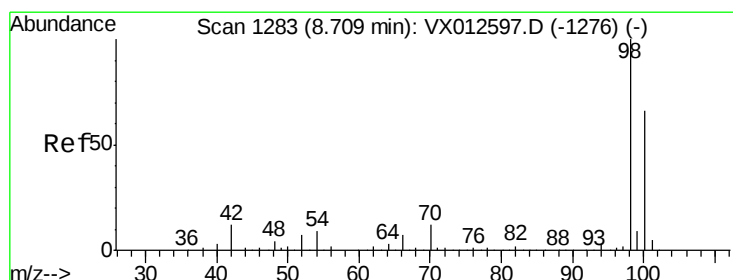
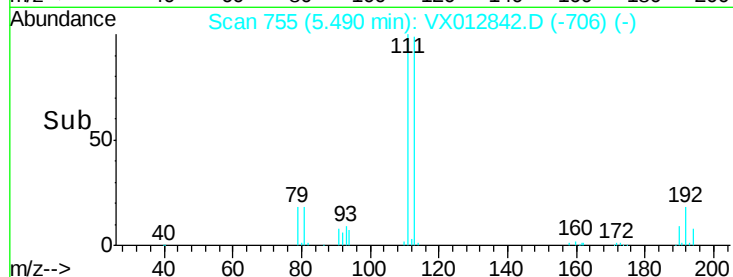
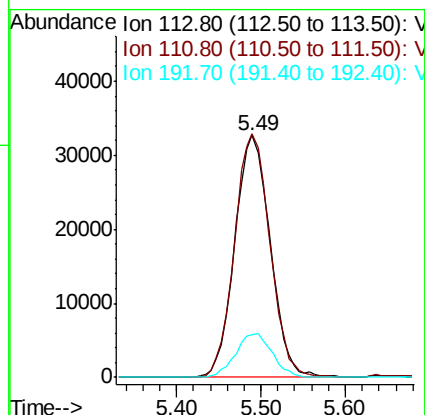
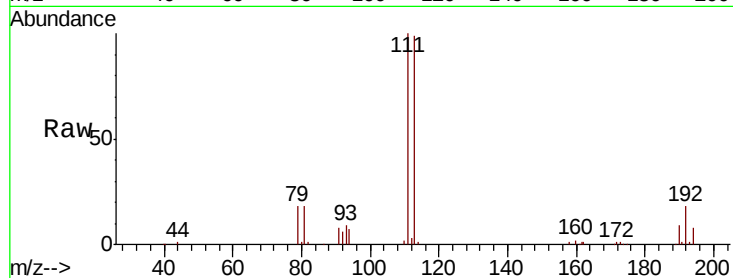
Tot Ion:113 Resp: 92996

Ion Ratio Lower Upper

113 100

111 100.8 83.4 125.2

192 18.8 14.4 21.6



#50

Toluene-d8

Concen: 51.605 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012842.D

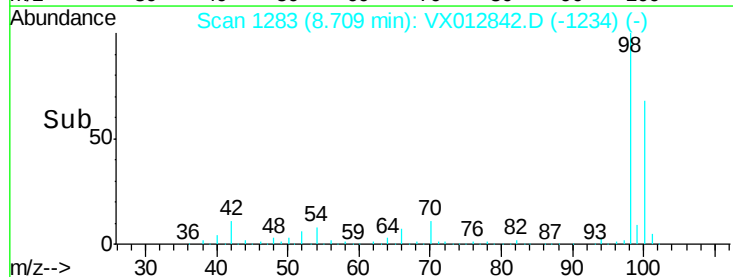
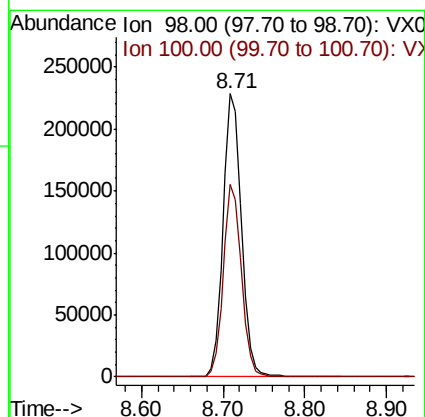
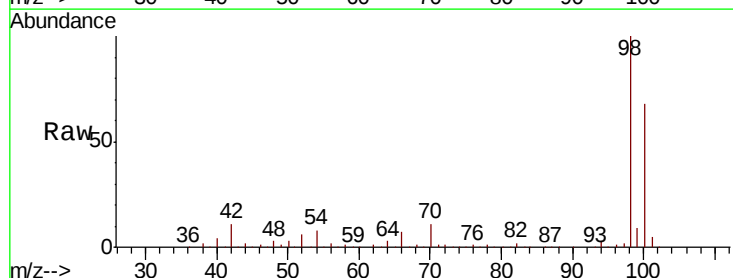
Acq: 07 Oct 2019 16:47

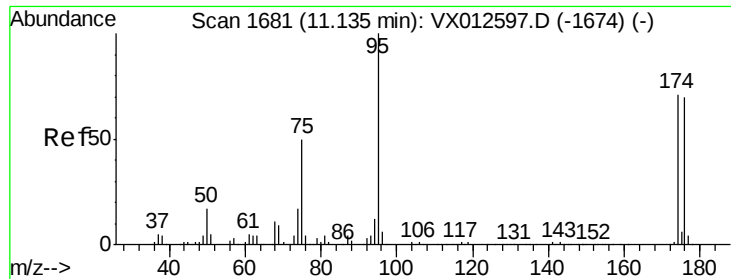
Tgt Ion: 98 Resp: 358627

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 45.930 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012842.D

Acq: 07 Oct 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

MW-105S

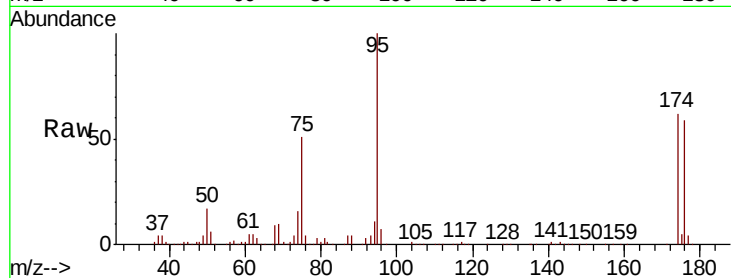
Tot Ion: 95 Resp: 125507

Ion Ratio Lower Upper

95 100

174 70.5 0.0 140.0

176 68.5 0.0 135.4

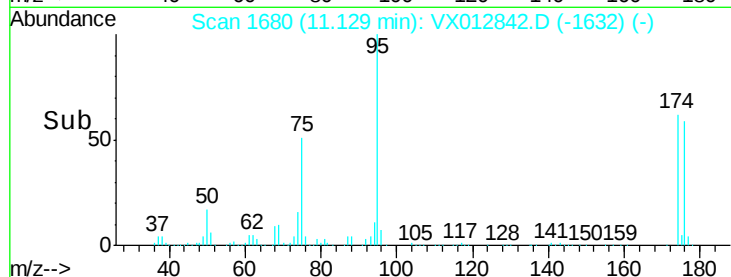


Abundance Ion 94.90 (94.60 to 95.60): VX012597.D (-1674) (-)

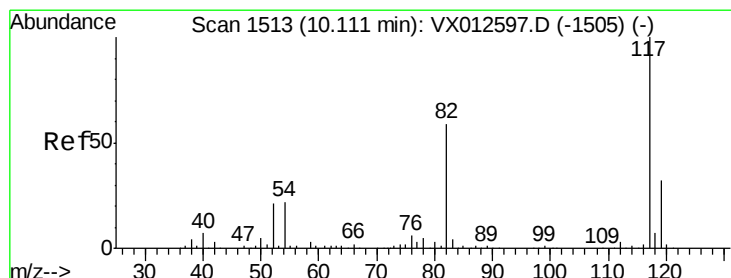
Ion 173.80 (173.50 to 174.50): VX012597.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012597.D (-1674) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012842.D

Acq: 07 Oct 2019 16:47

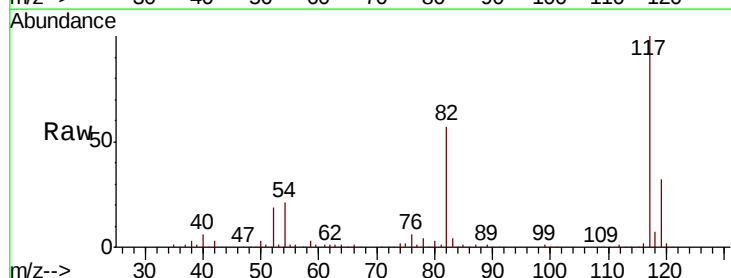
Tgt Ion: 117 Resp: 260802

Ion Ratio Lower Upper

117 100

82 56.6 45.9 68.9

119 32.3 25.3 37.9

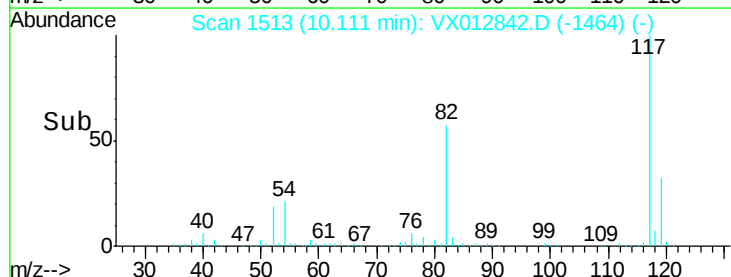


Abundance Ion 116.90 (116.60 to 117.60): VX012597.D (-1505) (-)

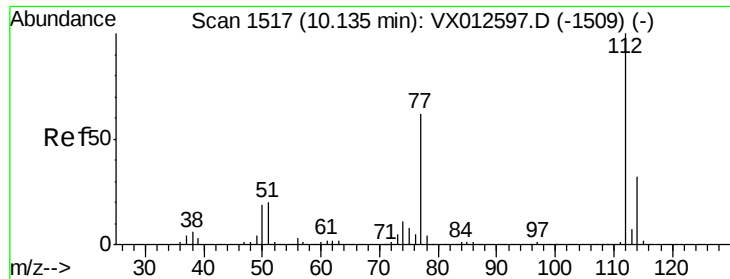
Ion 82.00 (81.70 to 82.70): VX012597.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012597.D (-1505) (-)

Time-->



Time-->



#65

Chlorobenzene

Concen: 8.720 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012842.D

Acq: 07 Oct 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

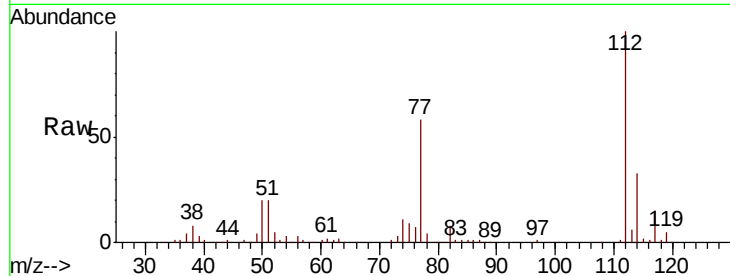
MW-105S

Tot Ion:112 Resp: 47890

Ion Ratio Lower Upper

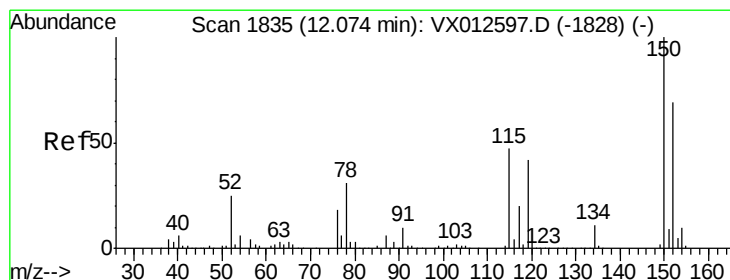
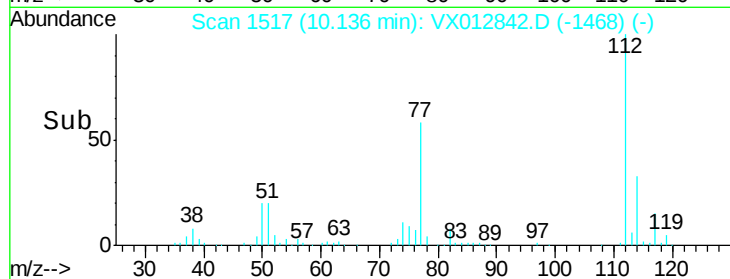
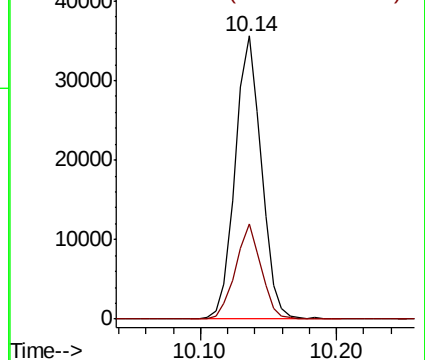
112 100

114 33.4 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012842.D

Acq: 07 Oct 2019 16:47

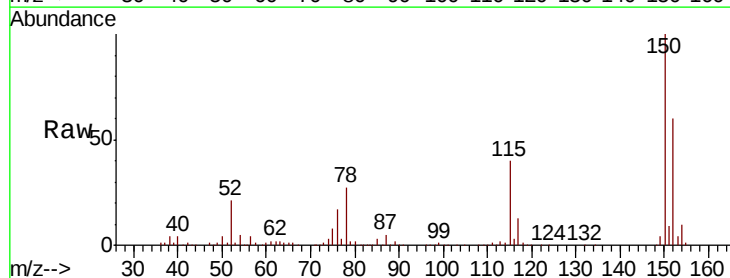
Tgt Ion:152 Resp: 102339

Ion Ratio Lower Upper

152 100

115 65.1 44.1 132.3

150 158.6 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

