

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003422.D
 Acq On : 17 Jul 2018 12:46
 Operator : JC/MD
 Sample : J4017-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jul 17 13:56:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	420266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	378198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	222608	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	184436	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
35) Dibromofluoromethane	5.51	113	158035	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	8.72	98	679822	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
62) 4-Bromofluorobenzene	11.14	95	222296	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	

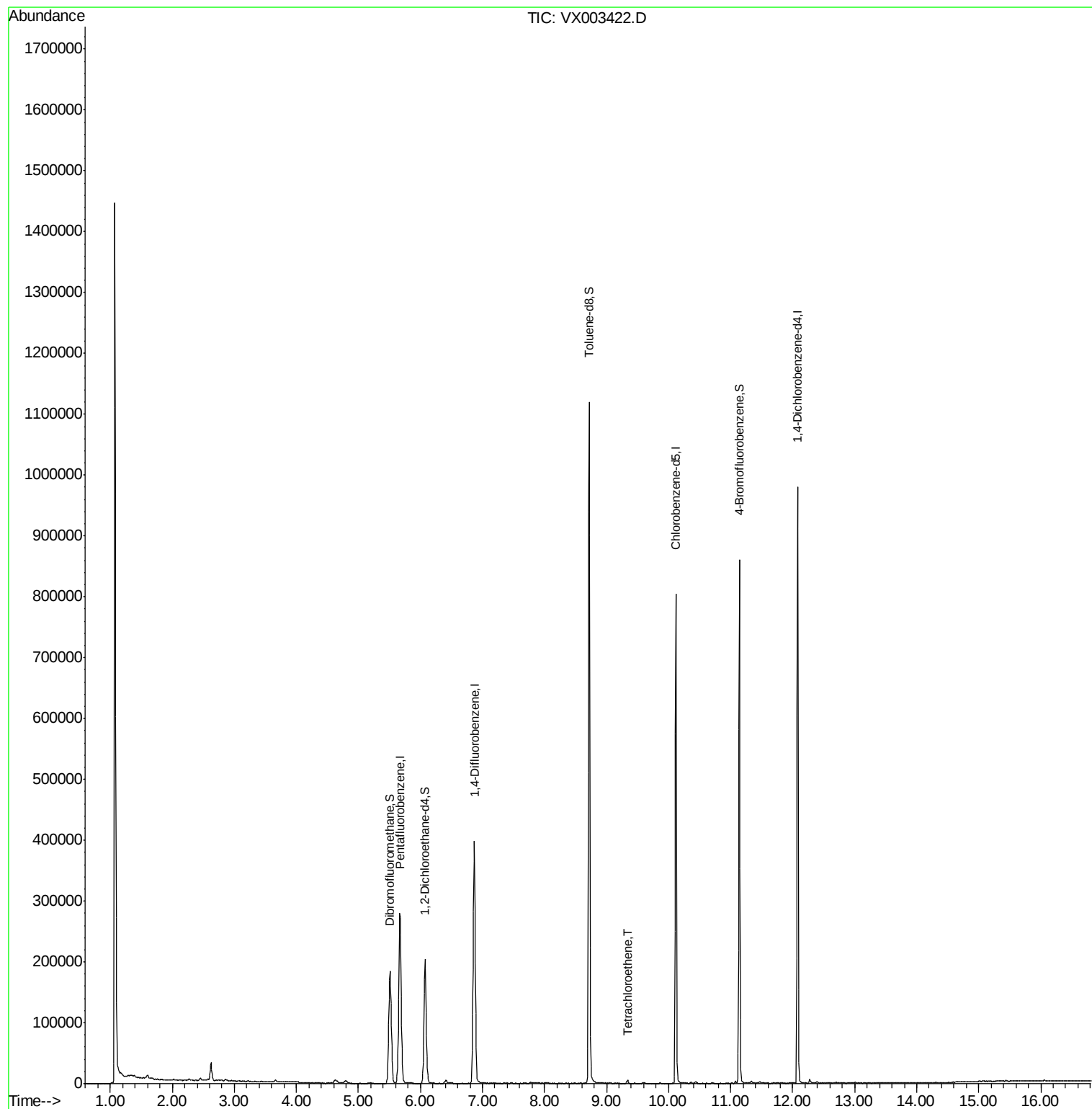
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
64) Tetrachloroethene	9.34	164	1258	0.32	ug/l	# 72

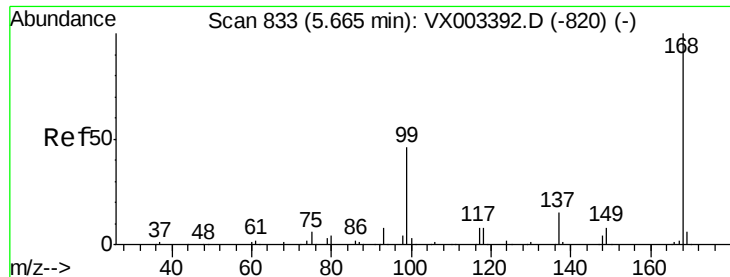
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003422.D

Acq: 17 Jul 2018 12:46

Instrument :

MSVOA_X

ClientSampled :

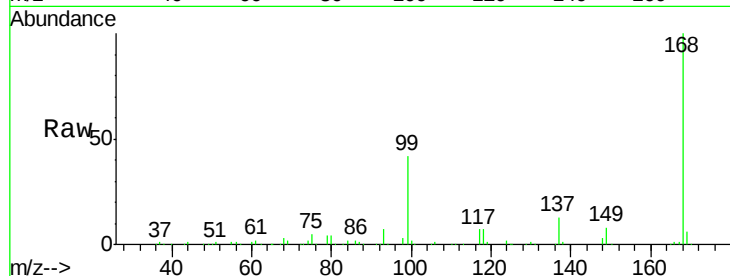
MW-3

Tot Ion:168 Resp: 296899

Ion Ratio Lower Upper

168 100

99 41.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

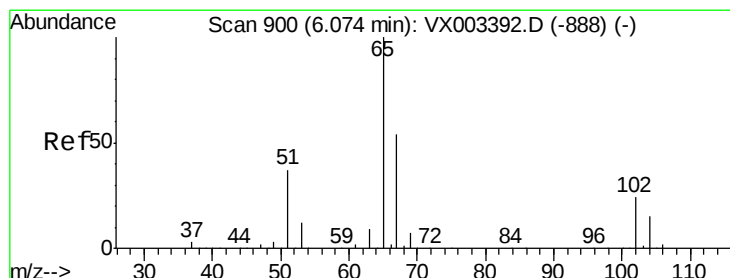
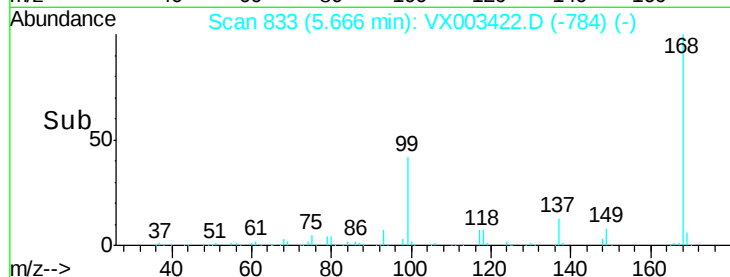
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.44 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003422.D

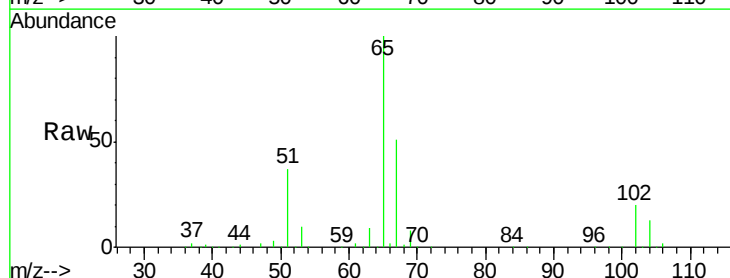
Acq: 17 Jul 2018 12:46

Tgt Ion: 65 Resp: 184436

Ion Ratio Lower Upper

65 100

67 54.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

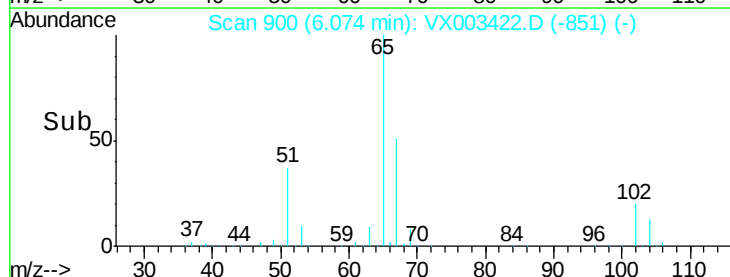
60000

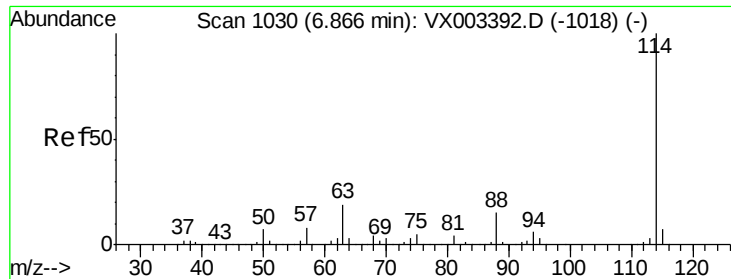
40000

20000

0

Time--> 6.00 6.10 6.20

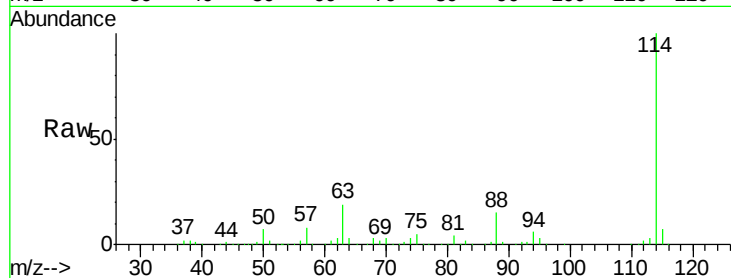




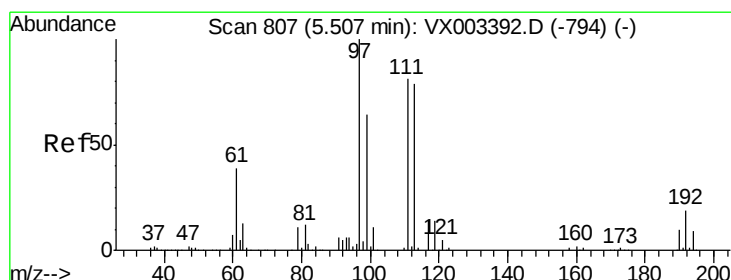
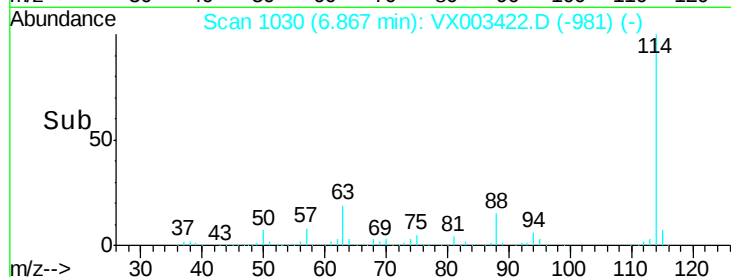
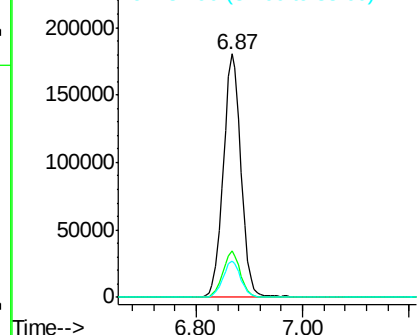
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003422.D
Acq: 17 Jul 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion:114 Resp: 420266
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.4
88 14.9 0.0 30.0

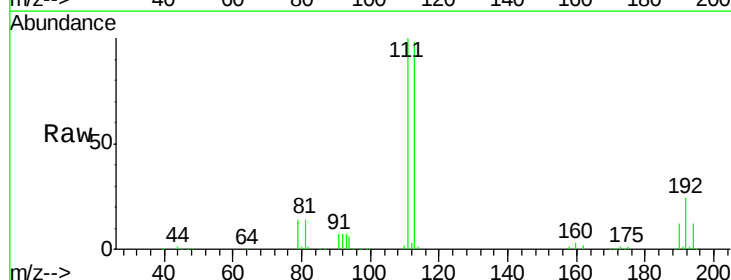


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX
Ion 87.90 (87.60 to 88.60): VX

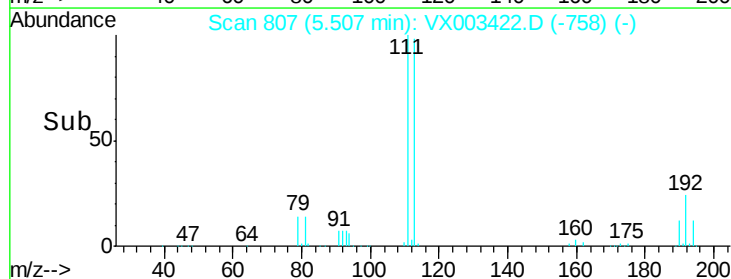
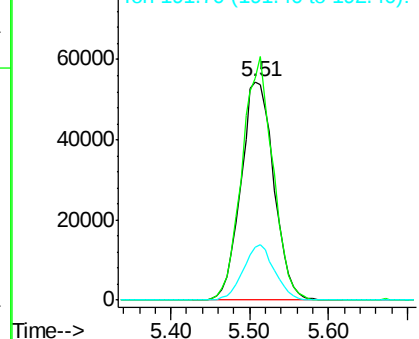


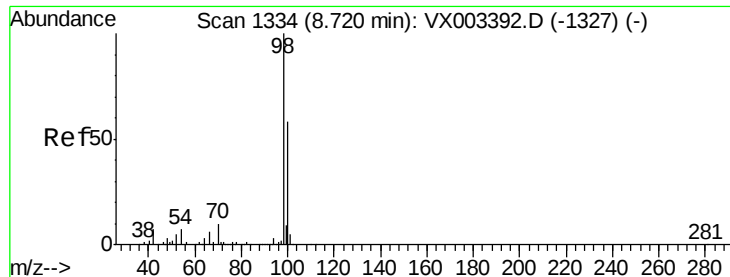
#35
Dibromofluoromethane
Concen: 46.48 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003422.D
Acq: 17 Jul 2018 12:46

Tgt Ion:113 Resp: 158035
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 24.0 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.17 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003422.D

Acq: 17 Jul 2018 12:46

Instrument :

MSVOA_X

ClientSampled :

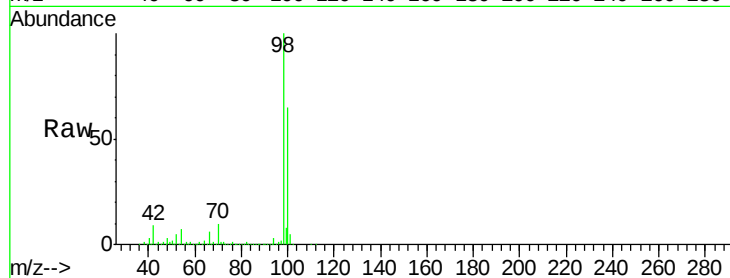
MW-3

Tot Ion: 98 Resp: 679822

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

500000

400000

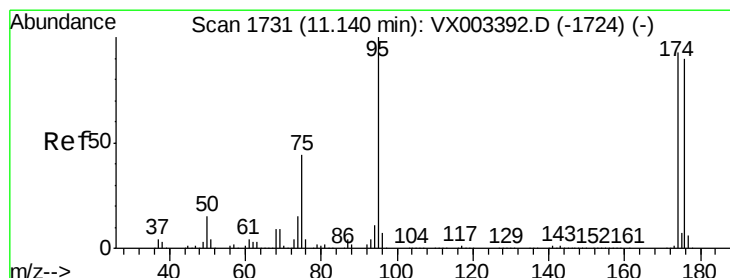
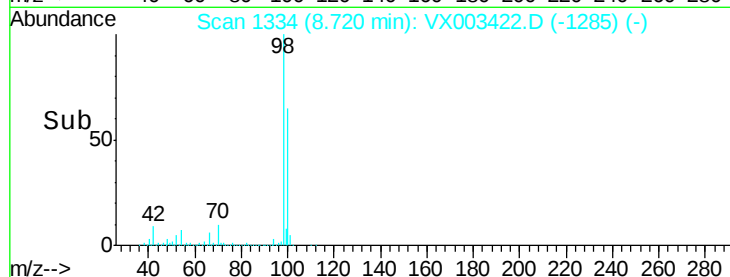
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003422.D

Acq: 17 Jul 2018 12:46

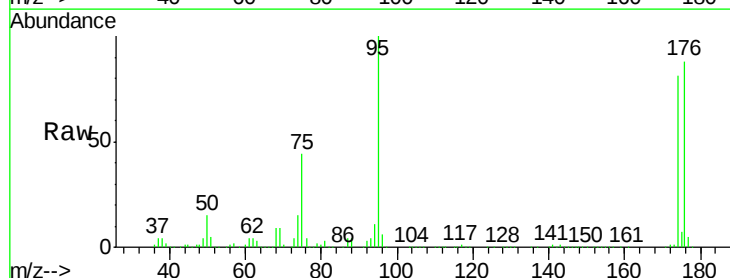
Tgt Ion: 95 Resp: 222296

Ion Ratio Lower Upper

95 100

174 86.9 0.0 187.4

176 91.7 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

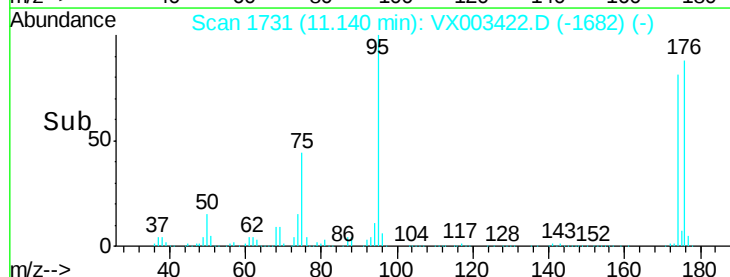
150000

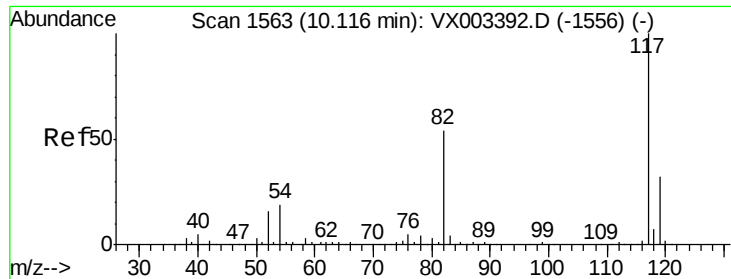
100000

50000

0

Time-->

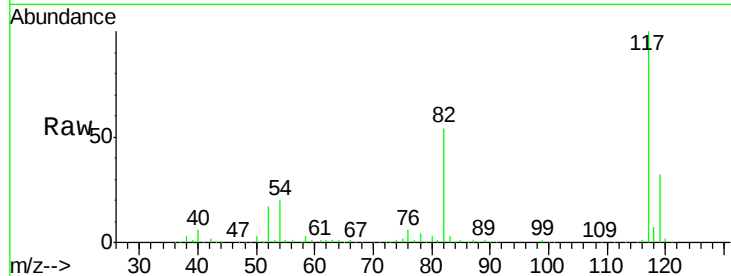




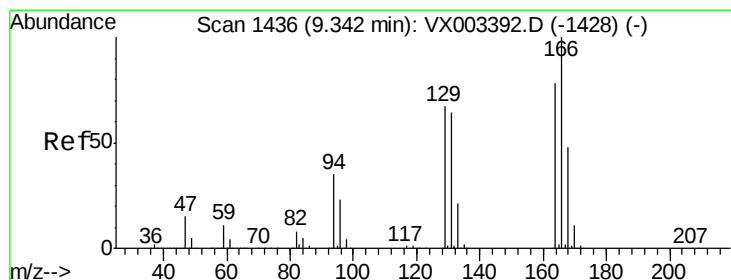
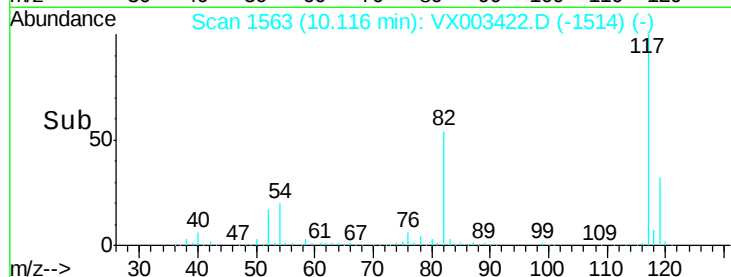
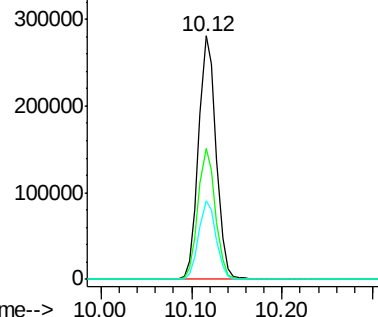
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003422.D
Acq: 17 Jul 2018 12:46

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion:117 Resp: 378198
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.2 25.8 38.6

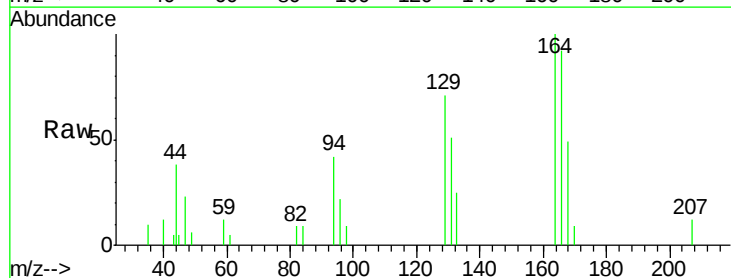


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

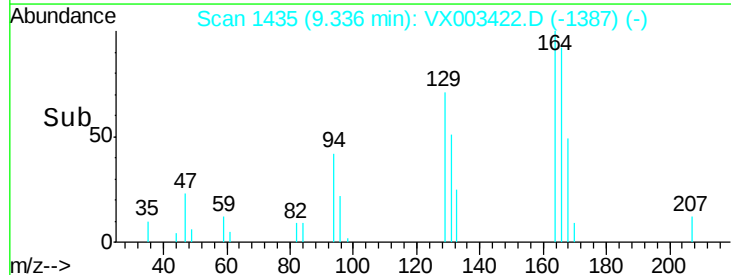
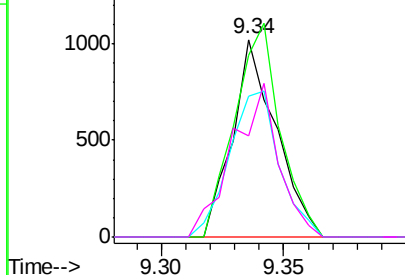


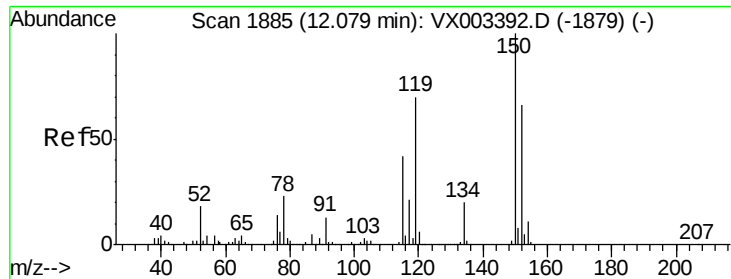
#64
Tetrachloroethene
Concen: 0.32 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003422.D
Acq: 17 Jul 2018 12:46

Tgt Ion:164 Resp: 1258
Ion Ratio Lower Upper
164 100
166 92.4 102.9 154.3#
129 71.2 68.6 102.8
131 51.1 66.8 100.2#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003422.D

Acq: 17 Jul 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

MW-3

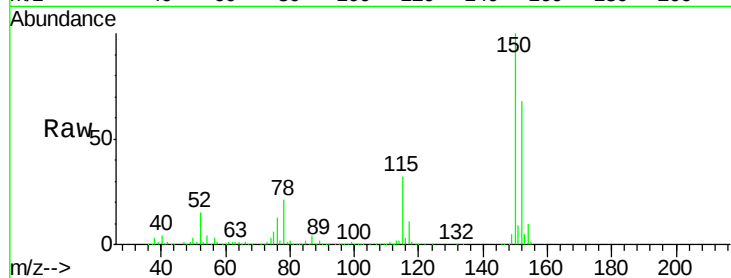
Tot Ion:152 Resp: 222608

Ion Ratio Lower Upper

152 100

115 53.6 40.1 120.2

150 152.9 0.0 347.2



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

