

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006667.D
 Acq On : 20 Dec 2018 11:21
 Operator : JC/MD
 Sample : J6492-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-EQUIP.BLANK

Quant Time: Dec 21 03:55:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

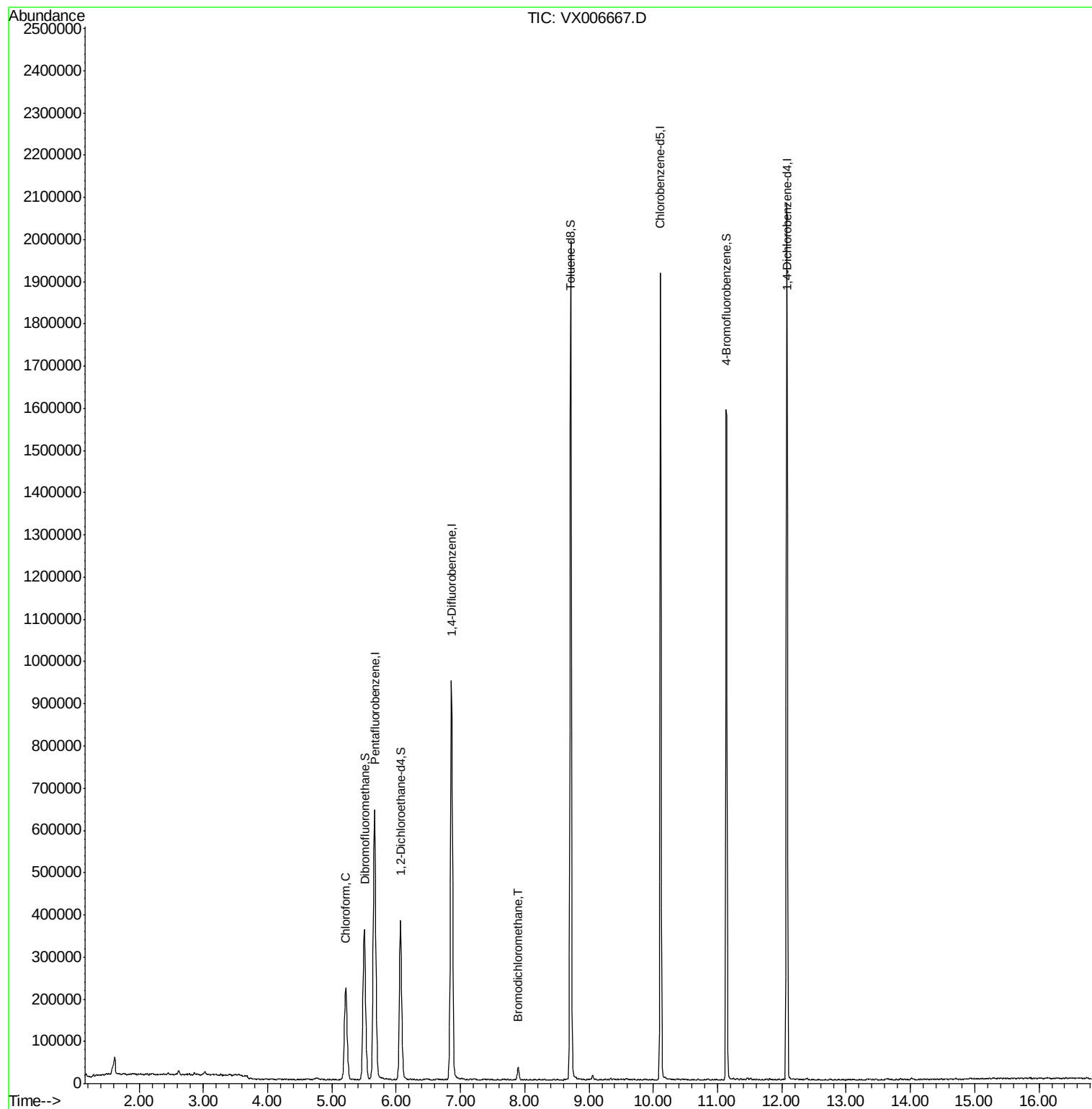
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	651061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1023181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	943087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	447227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	354557	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
35) Dibromofluoromethane	5.50	113	311545	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
50) Toluene-d8	8.71	98	1213381	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	437794	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
Target Compounds						
30) Chloroform	5.21	83	264730	23.907	ug/l	97
47) Bromodichloromethane	7.90	83	19216	2.510	ug/l	92

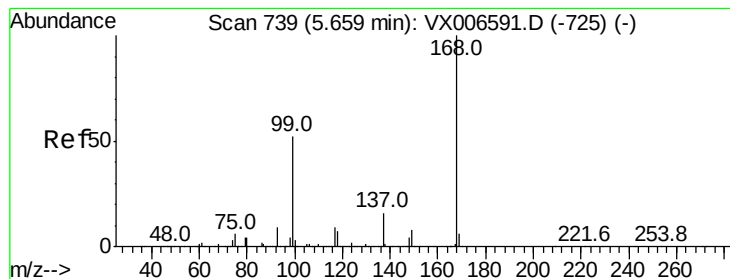
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006667.D

Acq: 20 Dec 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

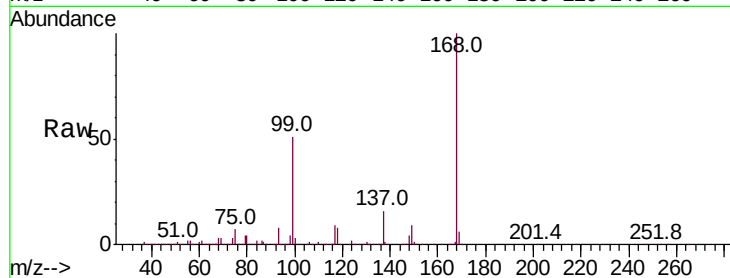
QNWP8-EQUIP.BLANK

Tot Ion:168 Resp: 651061

Ion Ratio Lower Upper

168 100

99 51.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006667.D (-690) (-)

Ion 98.90 (98.60 to 99.60): VX006667.D (-690) (-)

5.67

250000

200000

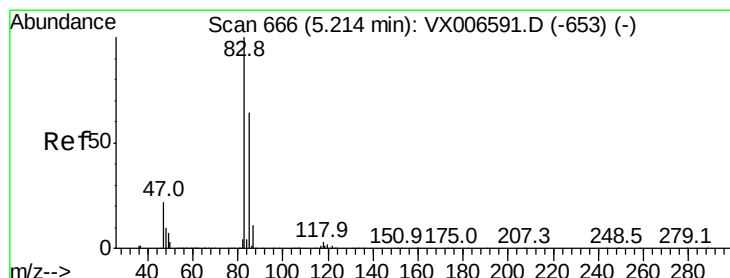
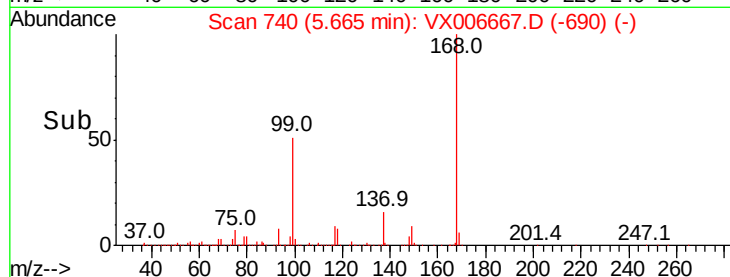
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 23.907 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006667.D

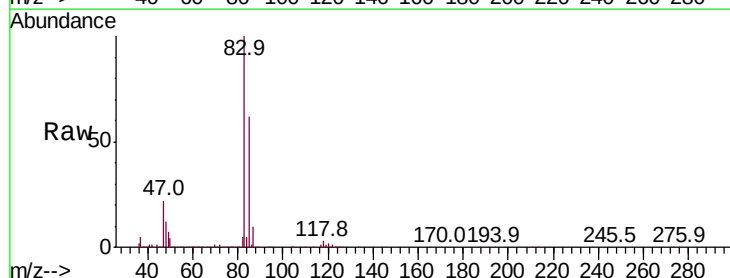
Acq: 20 Dec 2018 11:21

Tgt Ion: 83 Resp: 264730

Ion Ratio Lower Upper

83 100

85 61.7 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX006667.D (-617) (-)

Ion 84.90 (84.60 to 85.60): VX006667.D (-617) (-)

5.21

100000

80000

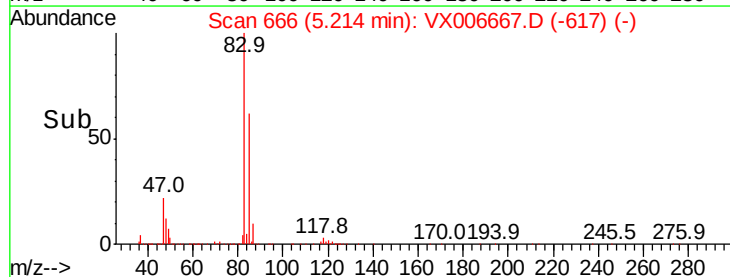
60000

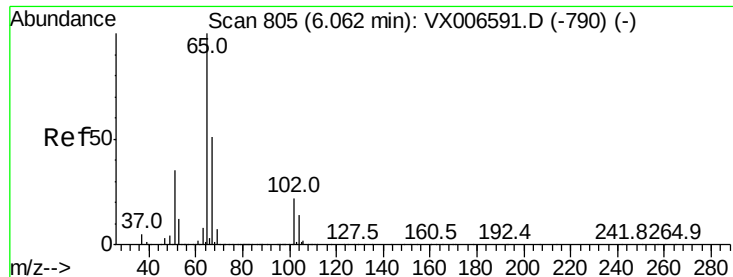
40000

20000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.529 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006667.D

Acq: 20 Dec 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

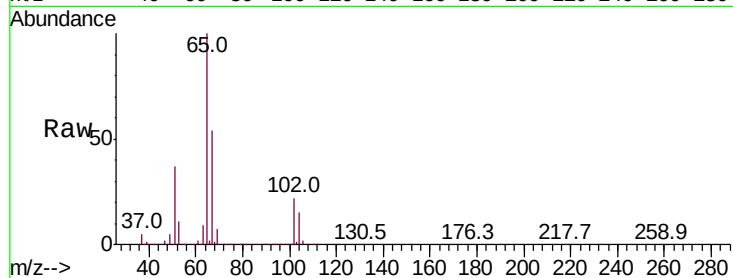
QNWP8-EQUIP.BLANK

Tot Ion: 65 Resp: 354557

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

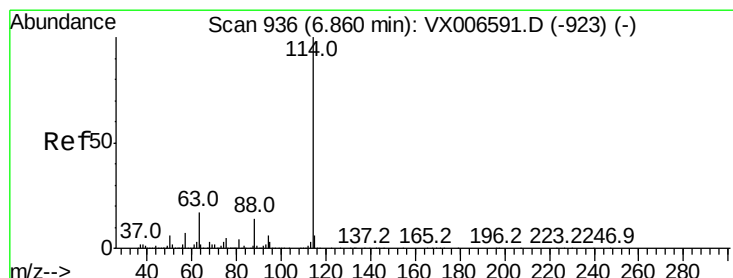
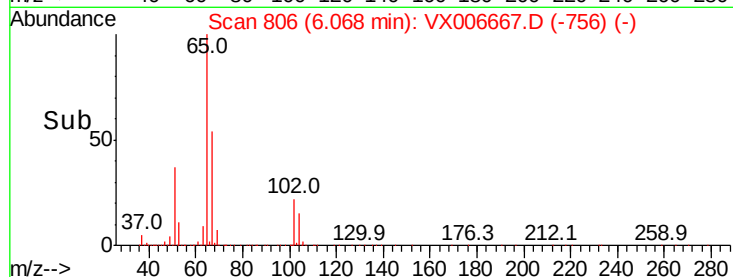
100000

50000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006667.D

Acq: 20 Dec 2018 11:21

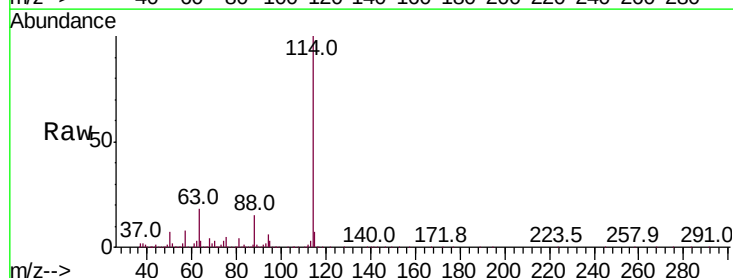
Tgt Ion: 114 Resp: 1023181

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

88 15.4 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

600000

500000

400000

300000

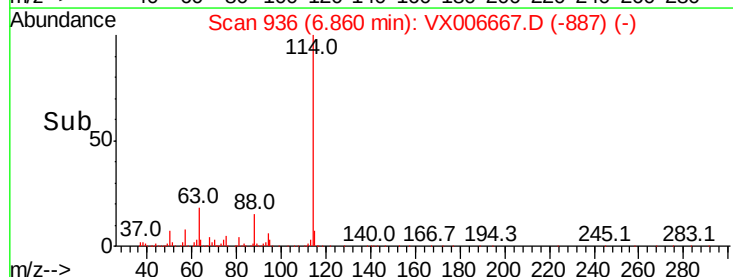
200000

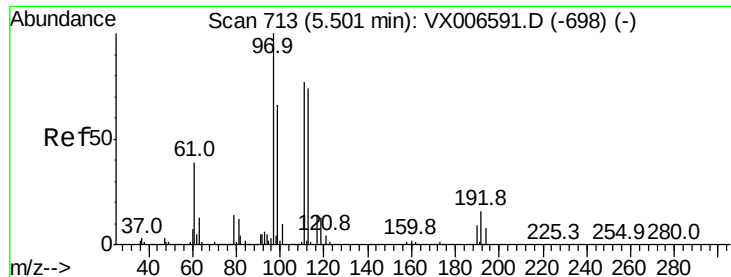
100000

0

6.70 6.80 6.90 7.00 7.10

Time-->





#35

Dibromofluoromethane

Concen: 48.149 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006667.D

Acq: 20 Dec 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-EQUIP.BLANK

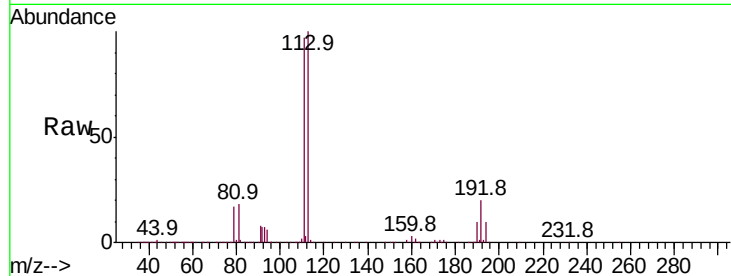
Tot Ion:113 Resp: 311545

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

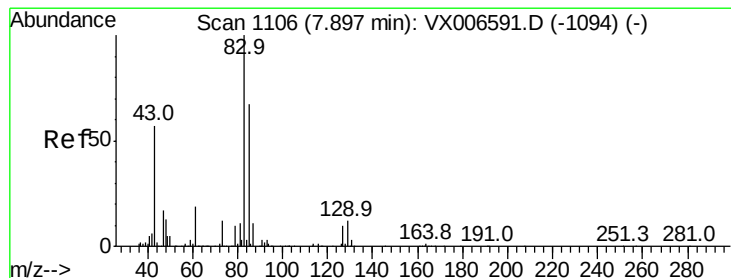
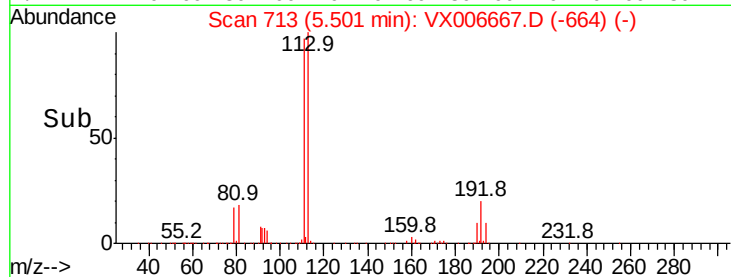
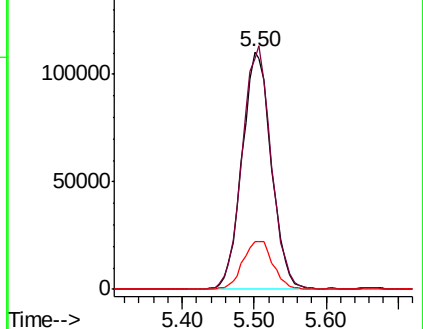
192 20.8 16.7 25.1



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



#47

Bromodichloromethane

Concen: 2.510 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006667.D

Acq: 20 Dec 2018 11:21

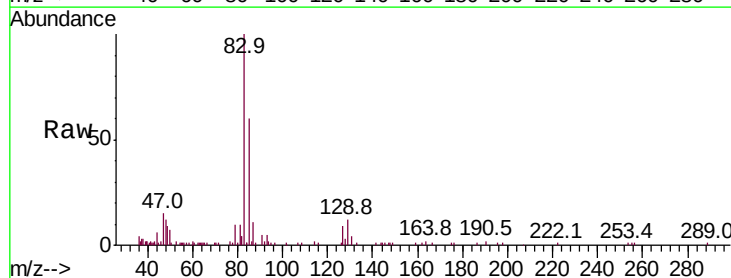
Tgt Ion: 83 Resp: 19216

Ion Ratio Lower Upper

83 100

85 60.1 53.2 79.8

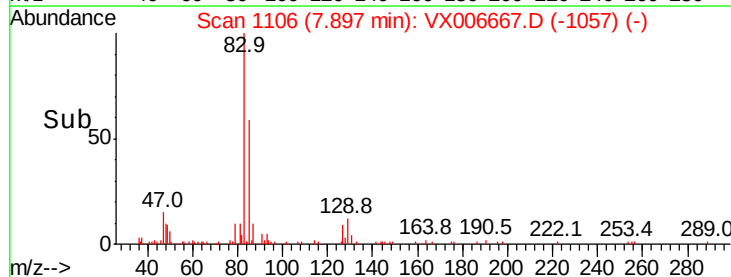
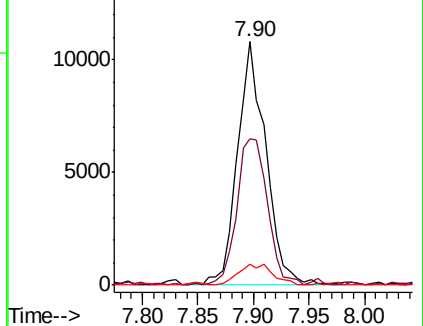
127 8.1 7.8 11.6

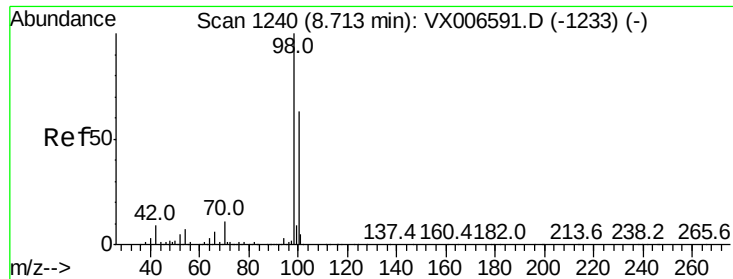


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

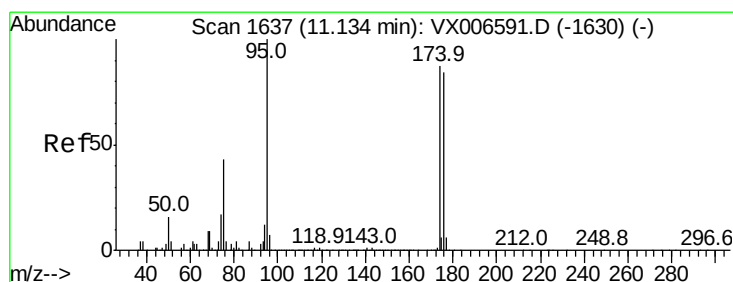
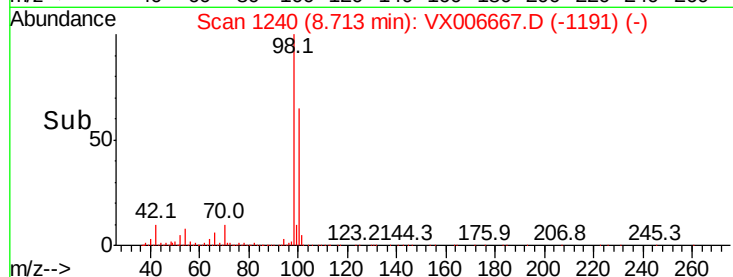
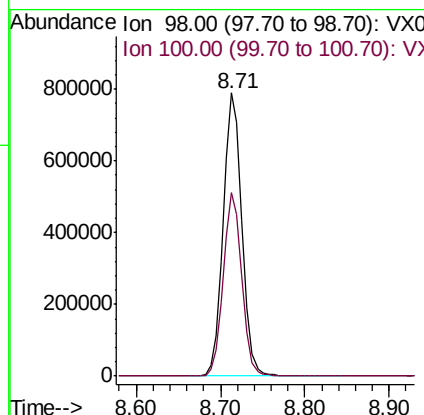
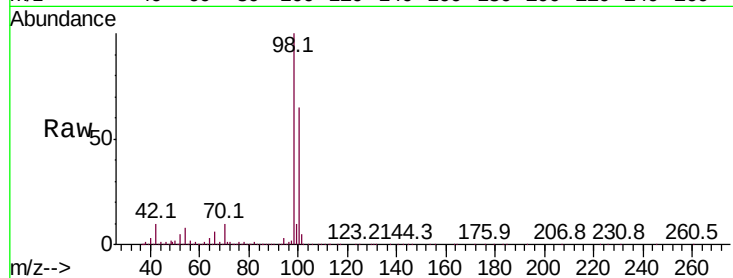




#50
Toluene-d8
Concen: 49.742 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006667.D
Acq: 20 Dec 2018 11:21

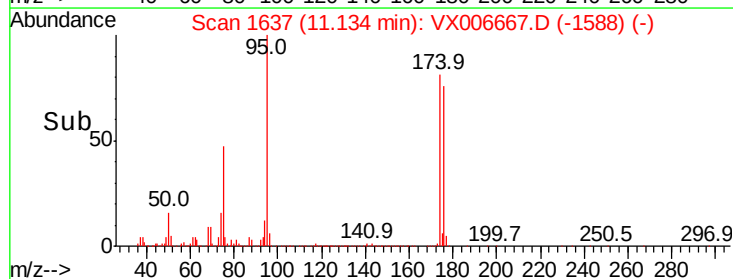
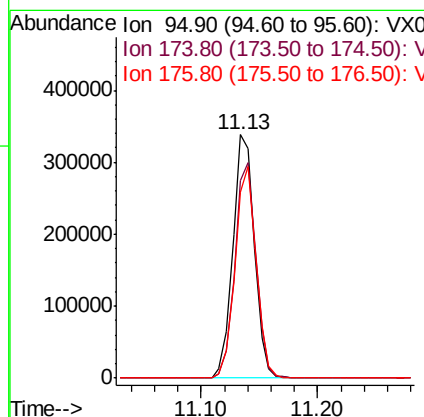
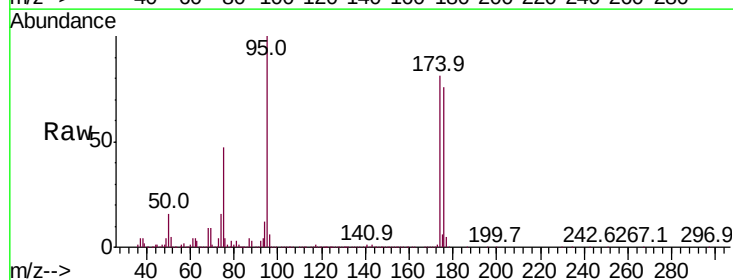
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-EQUIP.BLANK

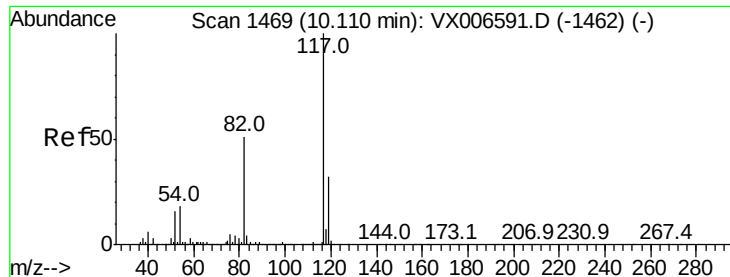
Tot Ion: 98 Resp: 1213381
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.003 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006667.D
Acq: 20 Dec 2018 11:21

Tgt Ion: 95 Resp: 437794
Ion Ratio Lower Upper
95 100
174 87.3 0.0 182.2
176 85.0 0.0 178.8

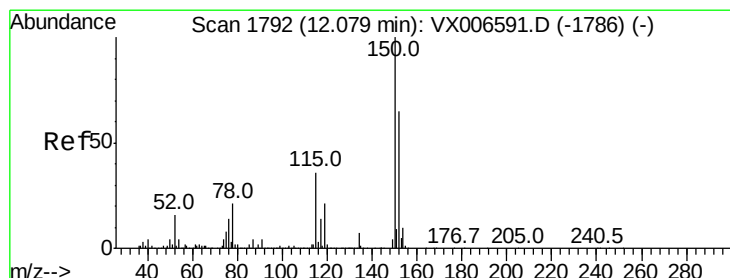
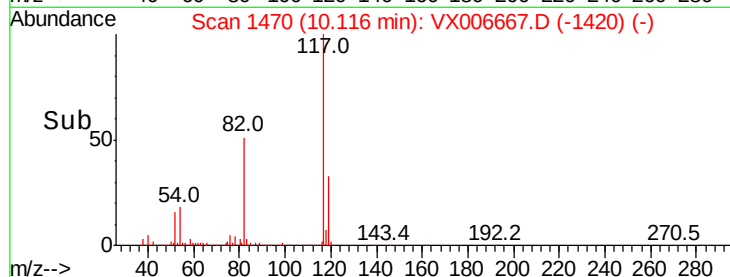
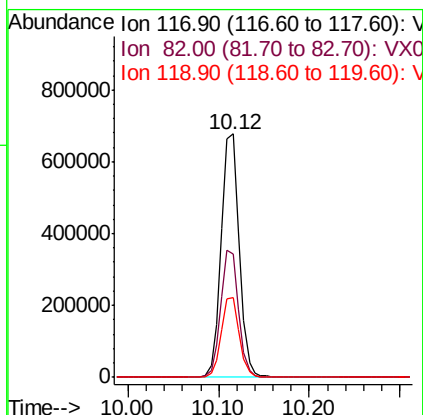
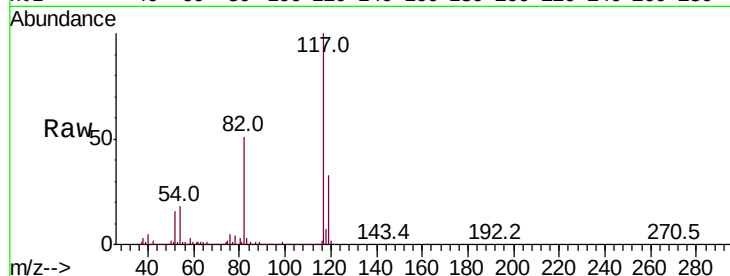




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006667.D
Acq: 20 Dec 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-EQUIP.BLANK

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.0	61.6
119	32.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006667.D
Acq: 20 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	39.1	117.2
150	158.3	0.0	344.8

