

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006673.D
 Acq On : 20 Dec 2018 14:01
 Operator : JC/MD
 Sample : J6484-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 968-MW-06(17)

Quant Time: Dec 21 04:09:21 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

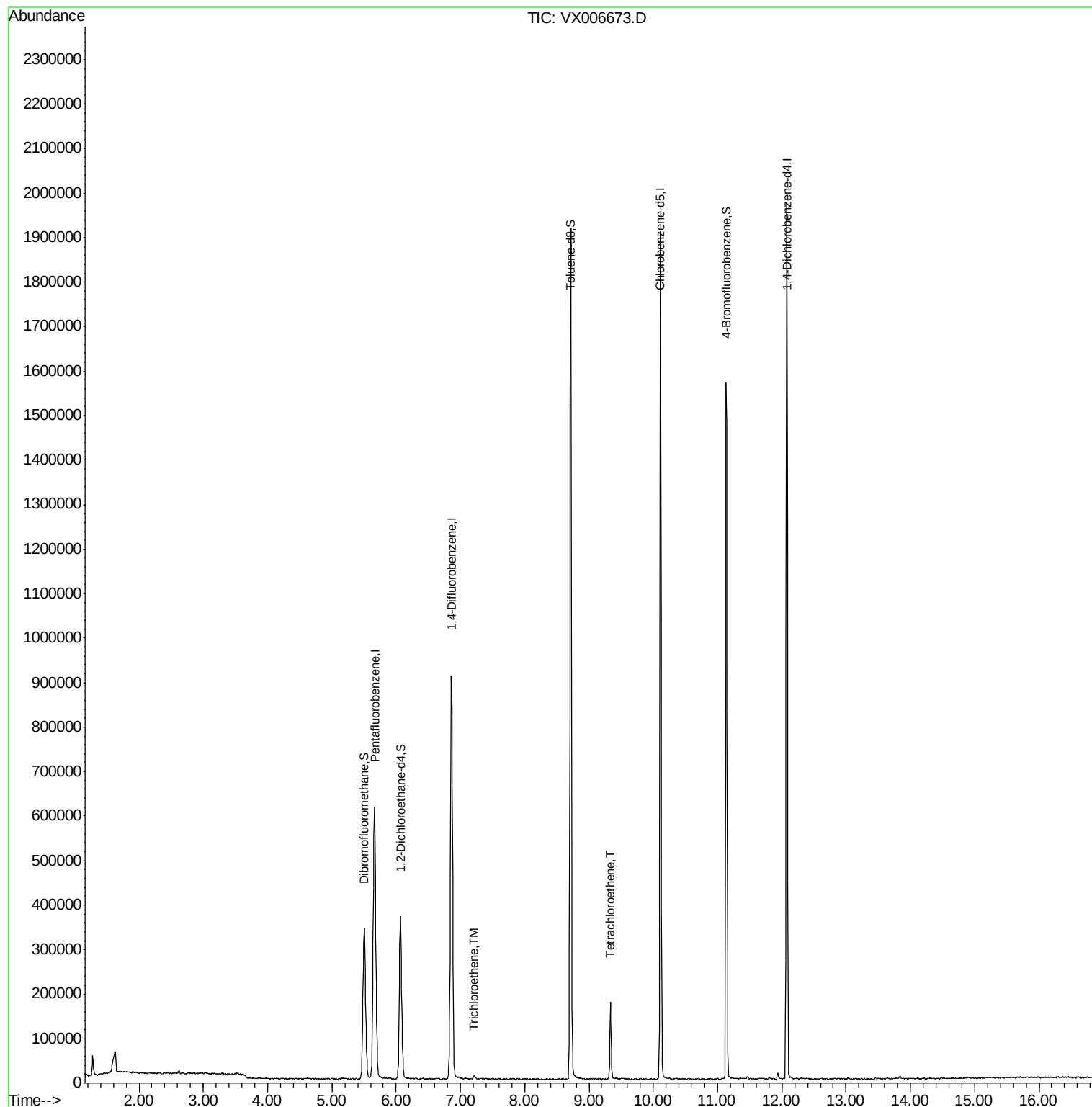
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	624286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	991940	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	908114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	434080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	342191	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
35) Dibromofluoromethane	5.50	113	292876	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
50) Toluene-d8	8.71	98	1168930	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	422314	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
Target Compounds						
44) Trichloroethene	7.21	130	2745	0.363	ug/l	79
64) Tetrachloroethene	9.34	164	34634	4.816	ug/l	90

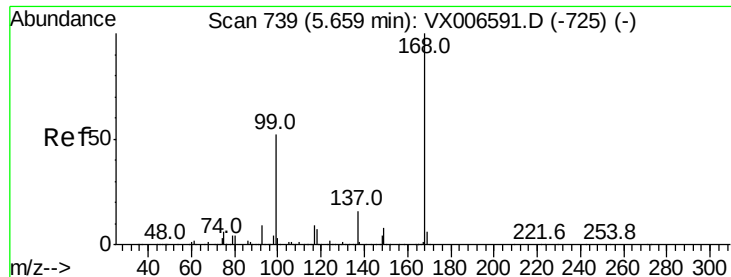
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006673.D

Acq: 20 Dec 2018 14:01

Instrument :

MSVOA_X

ClientSampleId :

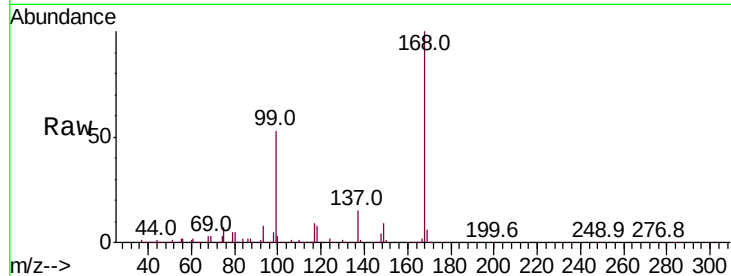
968-MW-06(17)

Tot Ion:168 Resp: 624286

Ion Ratio Lower Upper

168 100

99 52.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

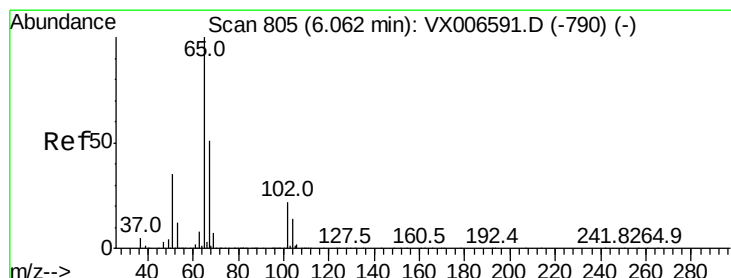
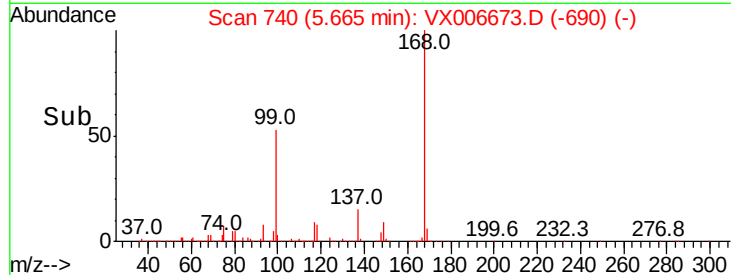
5.50

5.60

5.70

5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.859 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006673.D

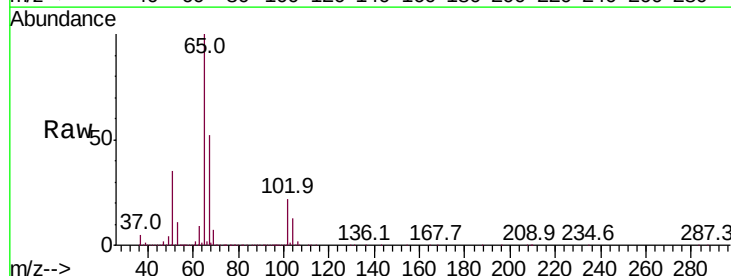
Acq: 20 Dec 2018 14:01

Tgt Ion: 65 Resp: 342191

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

100000

50000

0

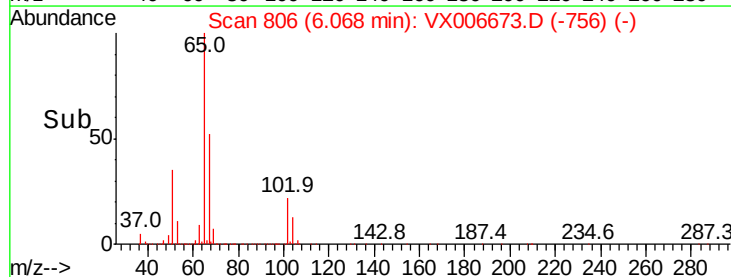
5.90

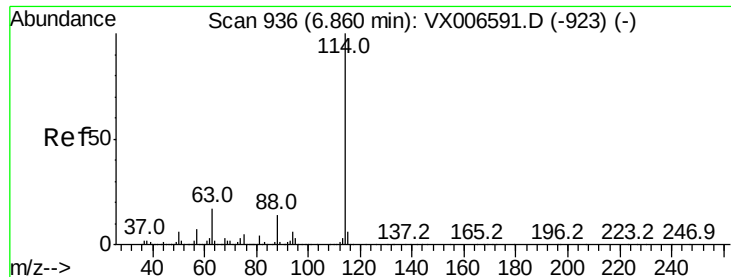
6.00

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: VX006673.D

Acq: 20 Dec 2018 14:01

Instrument :

MSVOA_X

ClientSampled :

968-MW-06(17)

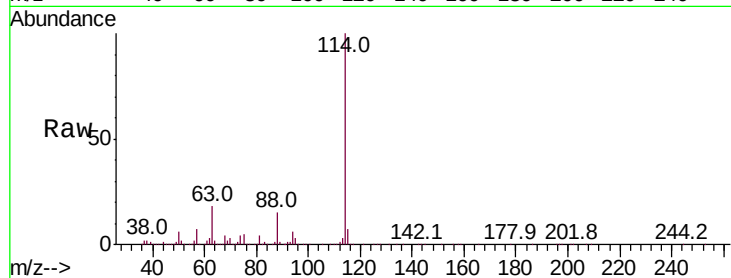
Tot Ion:114 Resp: 991940

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

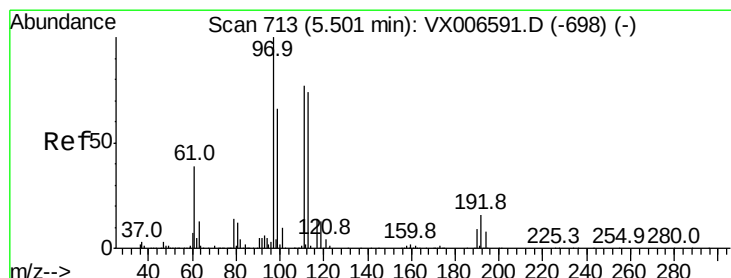
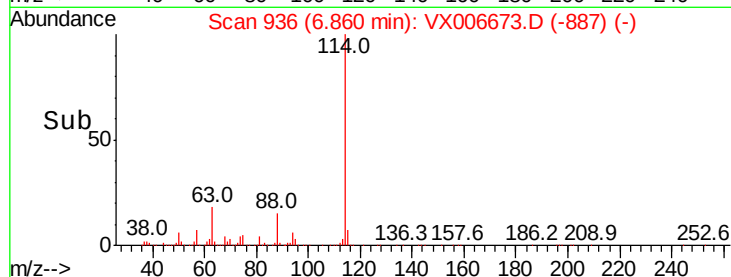
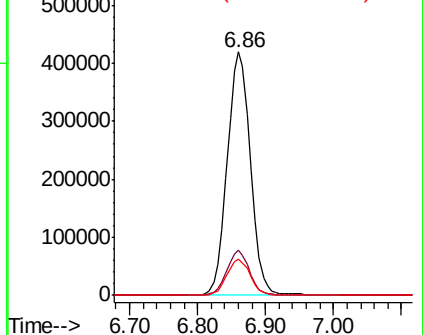
88 14.7 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 46.690 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006673.D

Acq: 20 Dec 2018 14:01

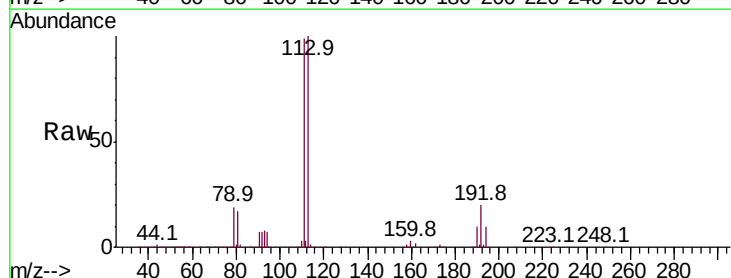
Tgt Ion:113 Resp: 292876

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

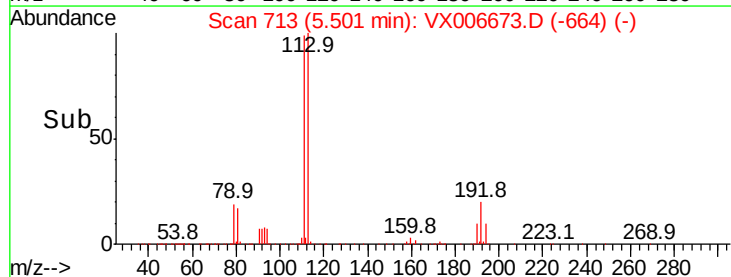
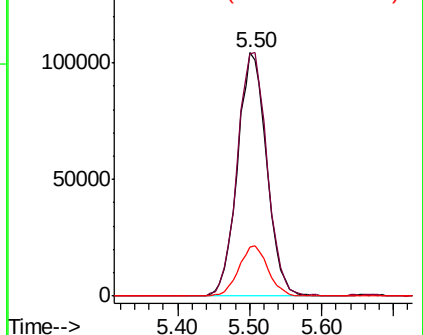
192 20.6 16.7 25.1

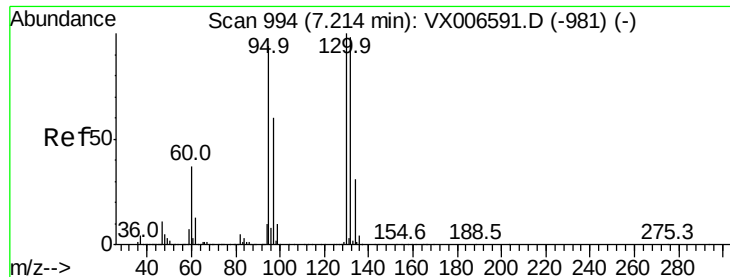


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.363 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006673.D

Acq: 20 Dec 2018 14:01

Instrument :

MSVOA_X

ClientSampleId :

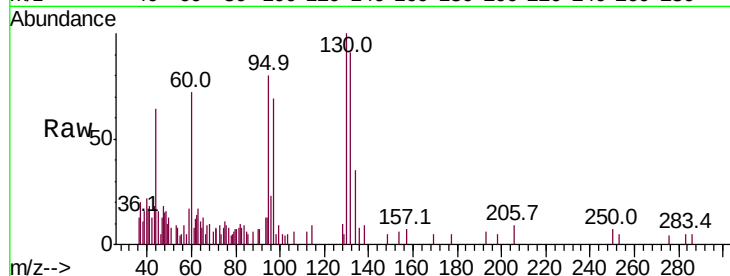
968-MW-06(17)

Tot Ion:130 Resp: 2745

Ion Ratio Lower Upper

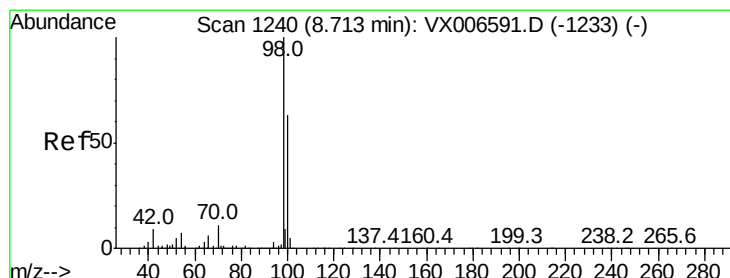
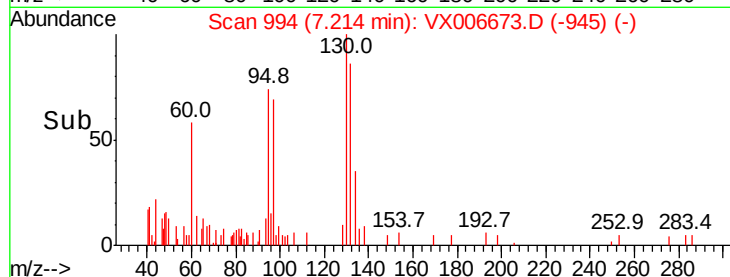
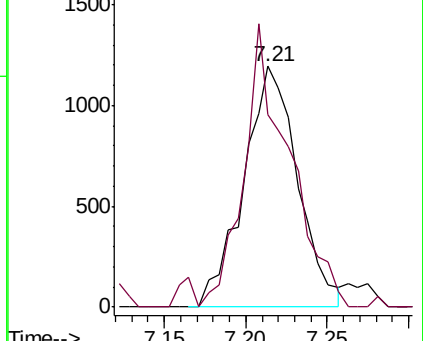
130 100

95 73.0 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.429 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006673.D

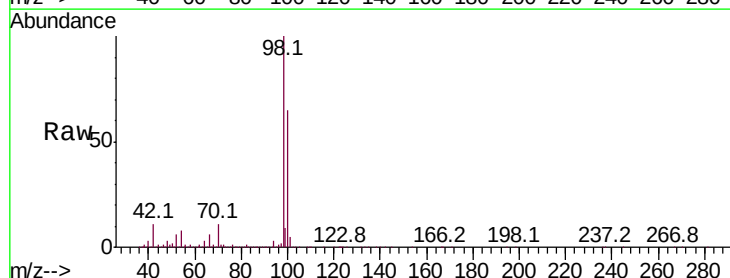
Acq: 20 Dec 2018 14:01

Tgt Ion: 98 Resp: 1168930

Ion Ratio Lower Upper

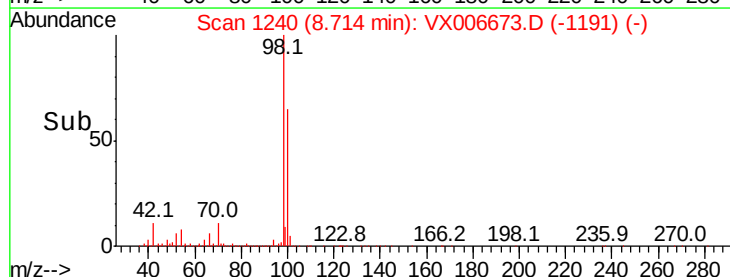
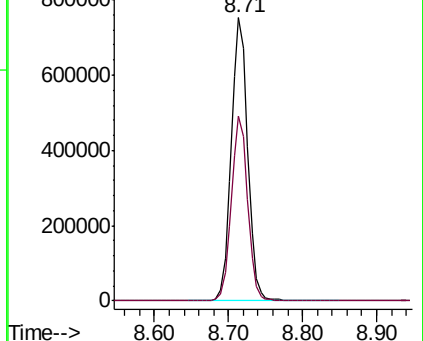
98 100

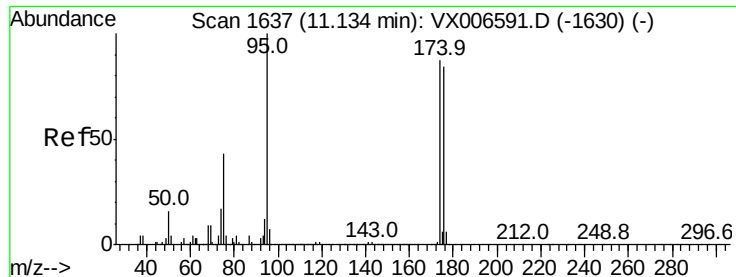
100 64.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.759 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006673.D

Acq: 20 Dec 2018 14:01

Instrument :

MSVOA_X

ClientSampleId :

968-MW-06(17)

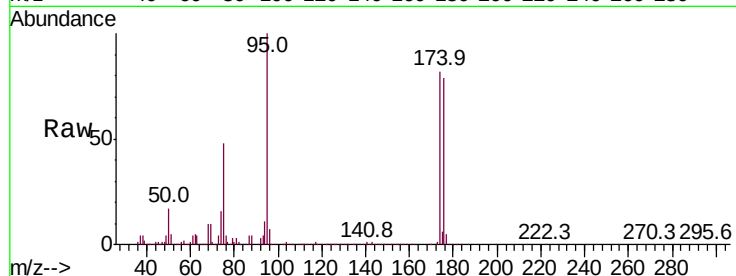
Tot Ion: 95 Resp: 422314

Ion Ratio Lower Upper

95 100

174 87.4 0.0 182.2

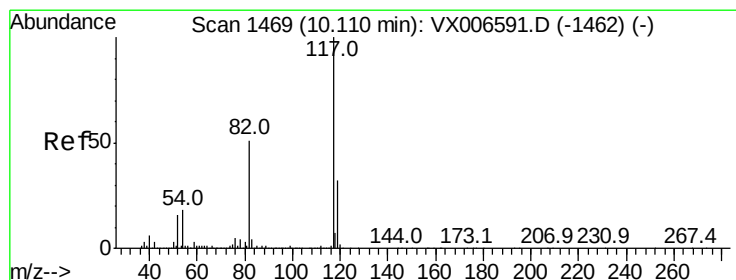
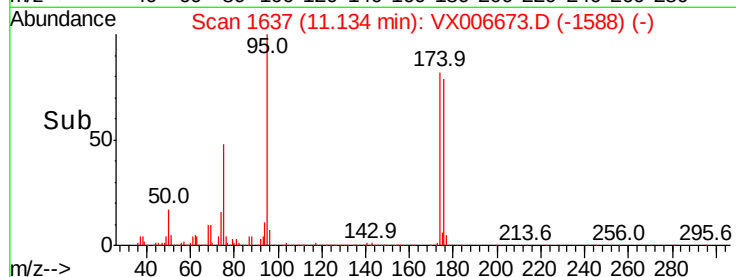
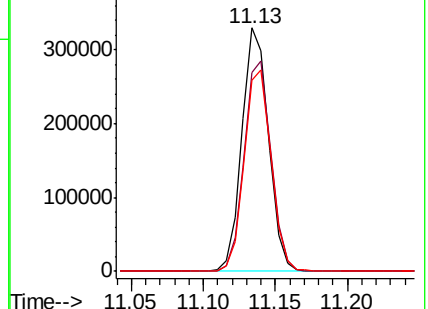
176 83.7 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006673.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006673.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006673.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX006673.D

Acq: 20 Dec 2018 14:01

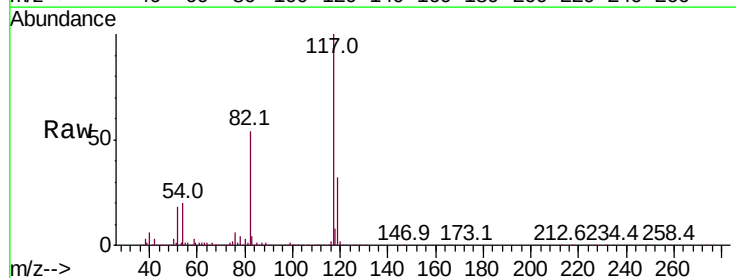
Tgt Ion: 117 Resp: 908114

Ion Ratio Lower Upper

117 100

82 54.0 41.0 61.6

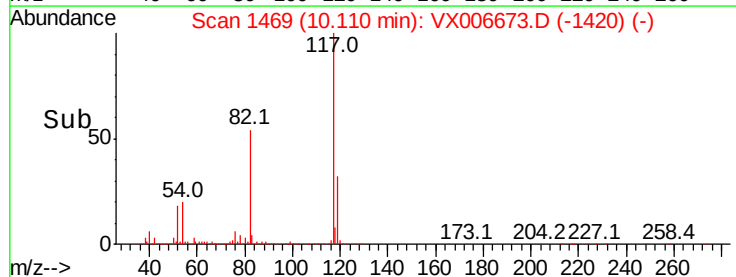
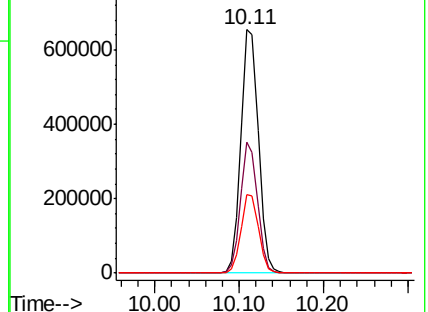
119 32.2 25.4 38.0

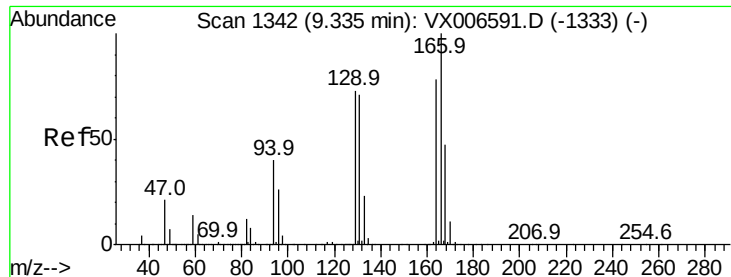


Abundance Ion 116.90 (116.60 to 117.60): VX006673.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX006673.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX006673.D (-1420) (-)





#64

Tetrachloroethene

Concen: 4.816 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006673.D

Acq: 20 Dec 2018 14:01

Instrument :

MSVOA_X

ClientSampleId :

968-MW-06(17)

Tot Ion:164 Resp: 34634

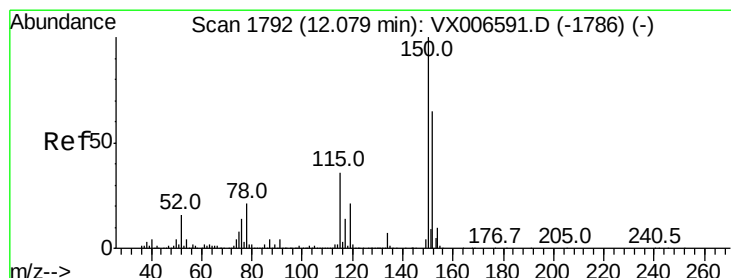
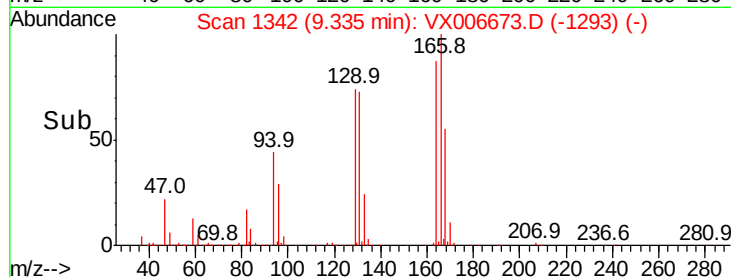
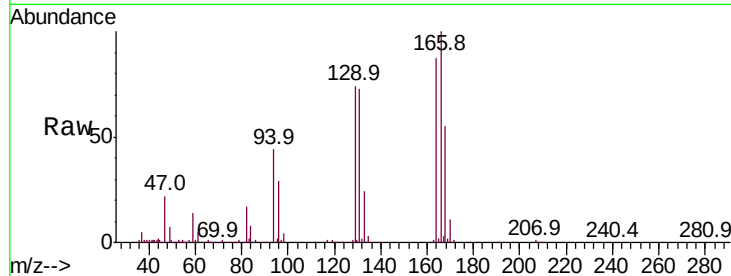
Ion Ratio Lower Upper

164 100

166 114.8 102.5 153.7

129 84.9 75.1 112.7

131 84.0 72.7 109.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006673.D

Acq: 20 Dec 2018 14:01

Tgt Ion:152 Resp: 434080

Ion Ratio Lower Upper

152 100

115 56.5 39.1 117.2

150 156.8 0.0 344.8

