

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006676.D
 Acq On : 20 Dec 2018 15:21
 Operator : JC/MD
 Sample : J6484-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 970-MW-11(15)

Quant Time: Dec 21 04:14:05 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

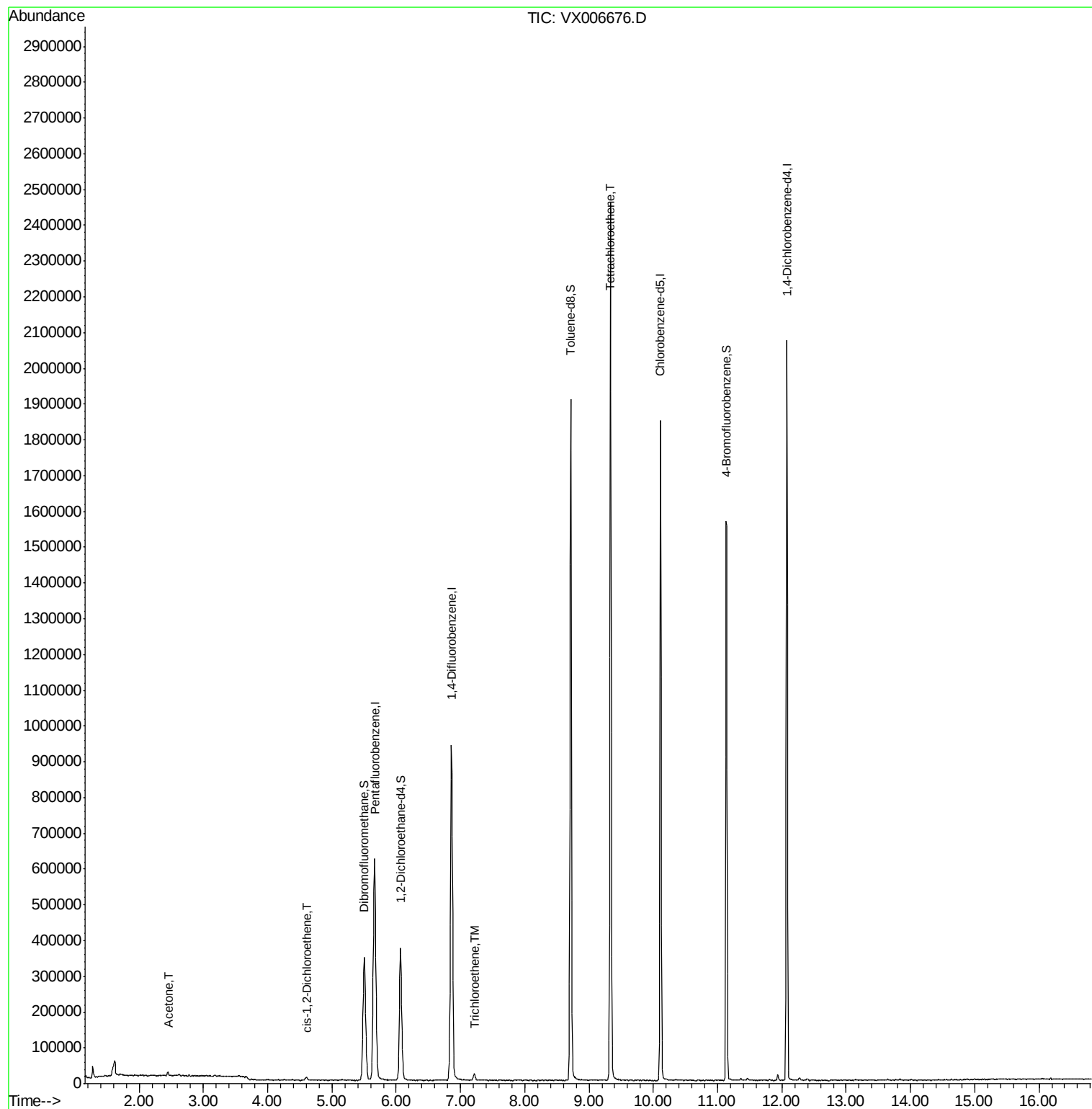
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	628490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	996831	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	919226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	441570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	344074	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
35) Dibromofluoromethane	5.50	113	294452	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
50) Toluene-d8	8.71	98	1180823	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	429868	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
Target Compounds						
16) Acetone	2.45	43	11850	3.808	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	5142	0.749	ug/l	88
44) Trichloroethene	7.21	130	7619	1.003	ug/l	90
64) Tetrachloroethene	9.34	164	477593	65.614	ug/l	98

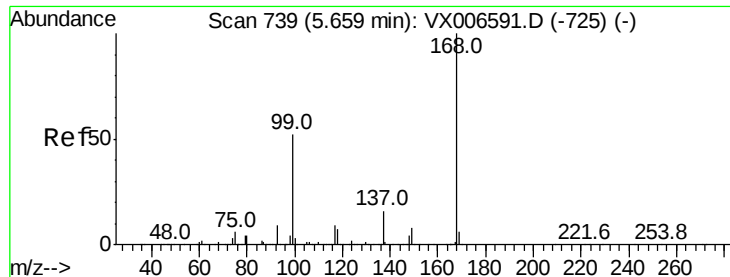
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006676.D

Acq: 20 Dec 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

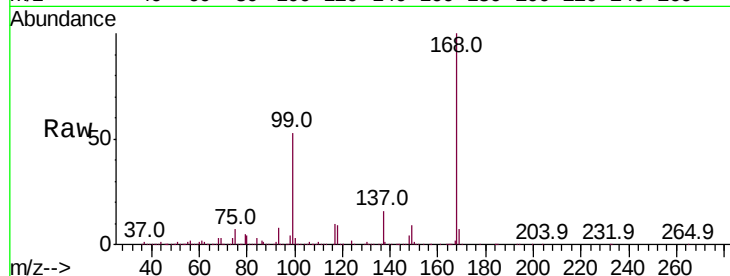
970-MW-11(15)

Tot Ion:168 Resp: 628490

Ion Ratio Lower Upper

168 100

99 53.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

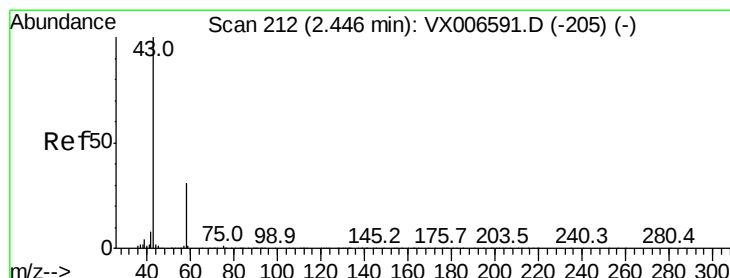
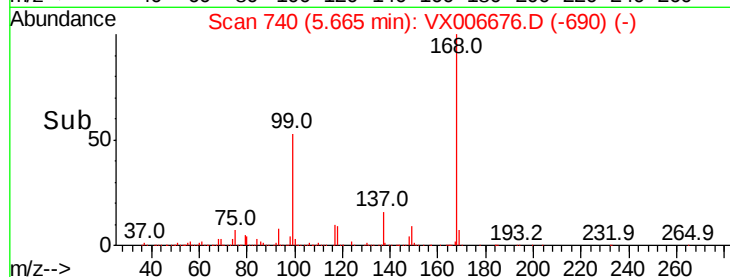
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.808 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006676.D

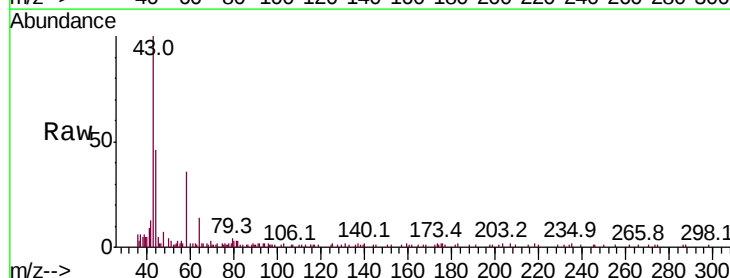
Acq: 20 Dec 2018 15:21

Tgt Ion: 43 Resp: 11850

Ion Ratio Lower Upper

43 100

58 34.6 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

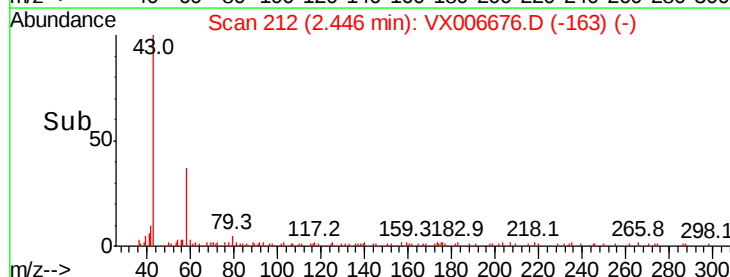
6000

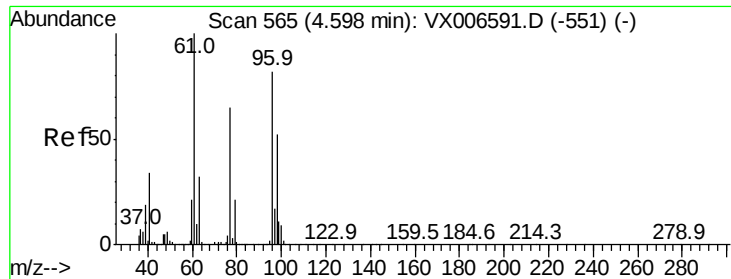
4000

2000

0

Time-->



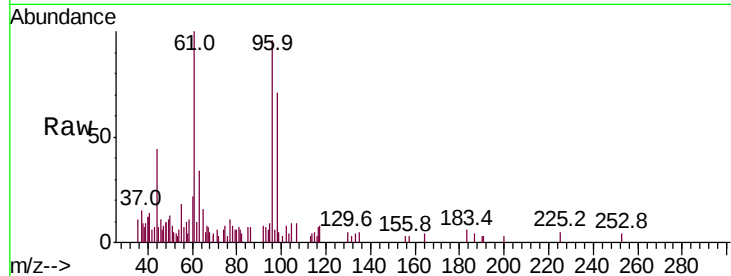


#27

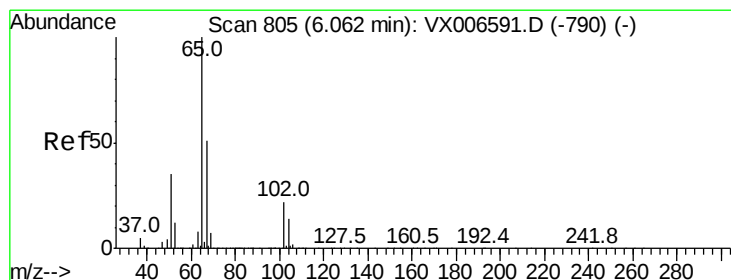
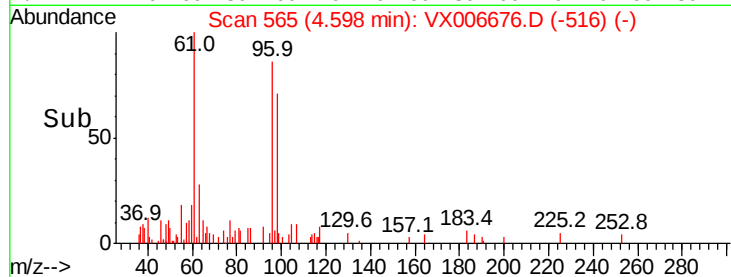
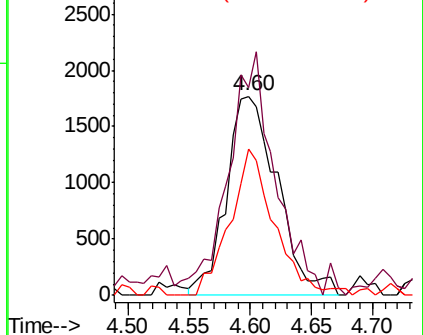
cis-1,2-Dichloroethene
 Concen: 0.749 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006676.D
 Acq: 20 Dec 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 970-MW-11(15)

Tot Ion	Ratio	Lower	Upper
96	100		
61	110.6	0.0	258.6
98	63.9	0.0	132.0



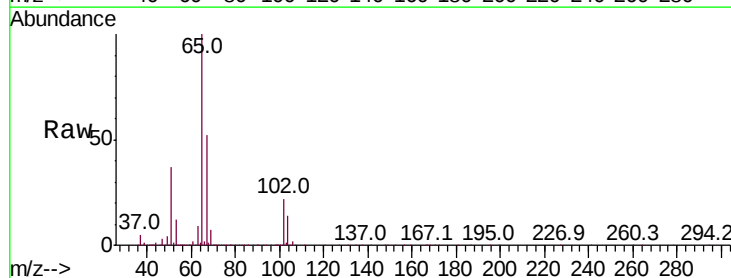
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



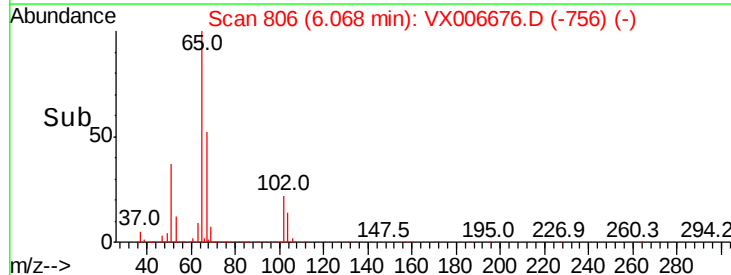
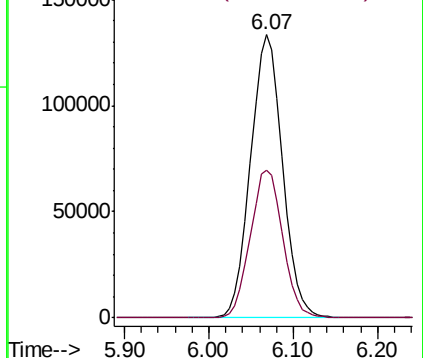
#33

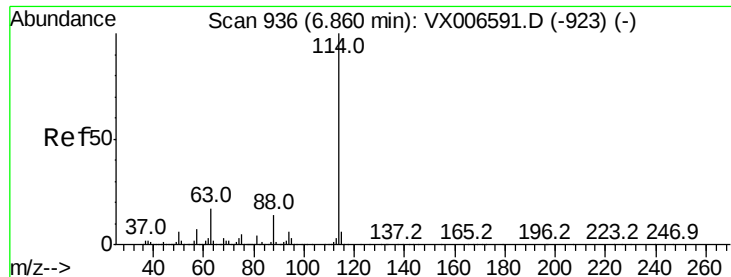
1,2-Dichloroethane-d4
 Concen: 50.796 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006676.D
 Acq: 20 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006676.D

Acq: 20 Dec 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

970-MW-11(15)

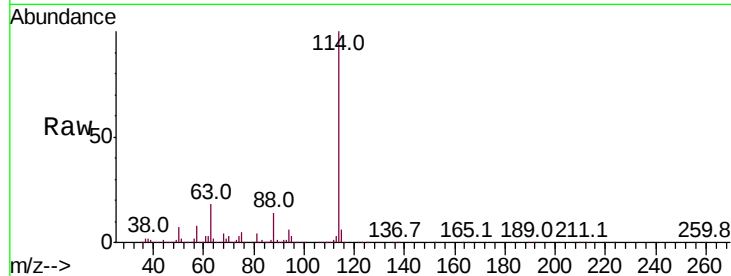
Tot Ion:114 Resp: 996831

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

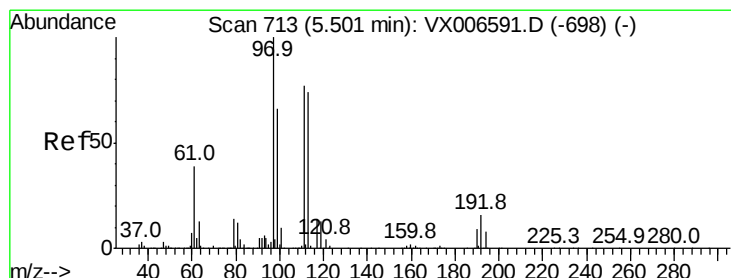
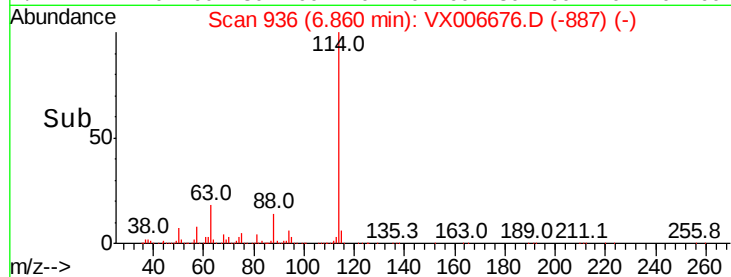
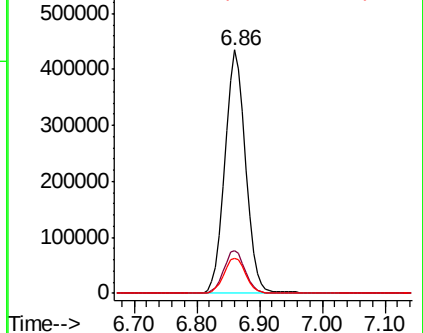
88 14.4 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 46.710 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006676.D

Acq: 20 Dec 2018 15:21

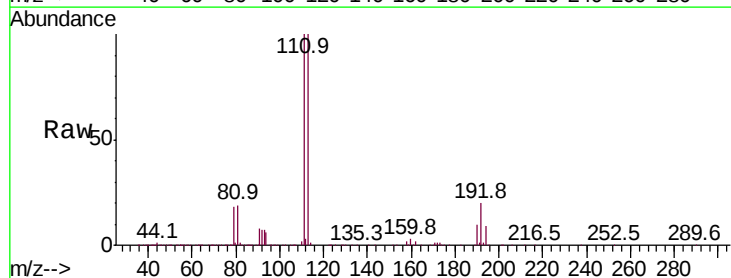
Tgt Ion:113 Resp: 294452

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

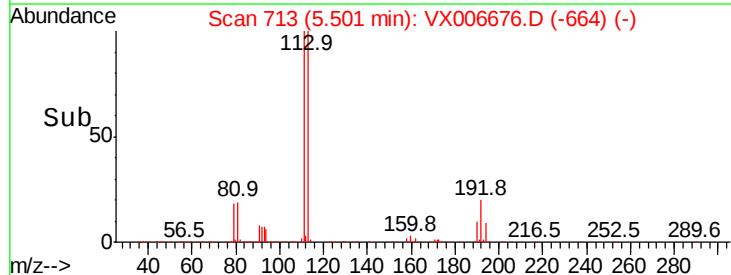
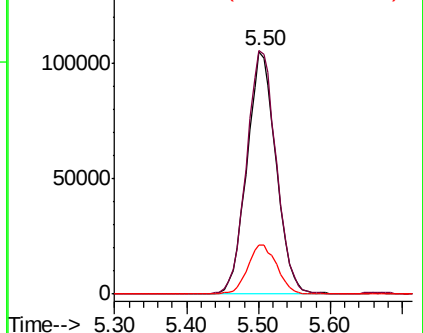
192 20.4 16.7 25.1

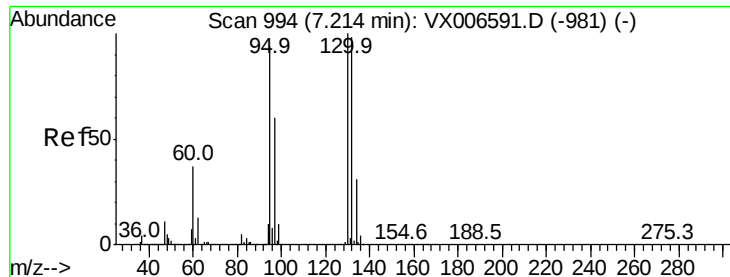


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.003 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006676.D

Acq: 20 Dec 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

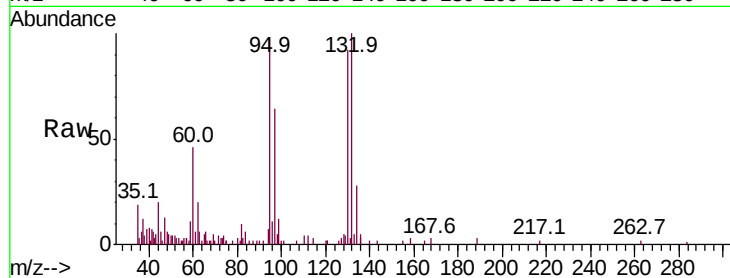
970-MW-11(15)

Tot Ion:130 Resp: 7619

Ion Ratio Lower Upper

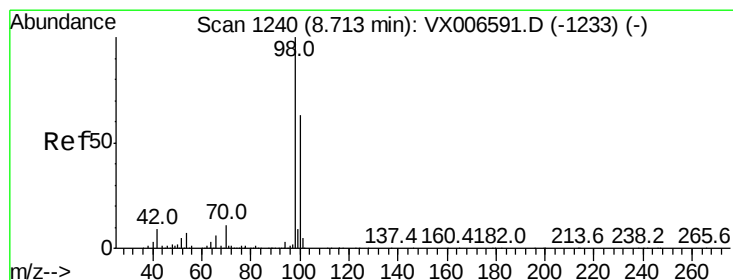
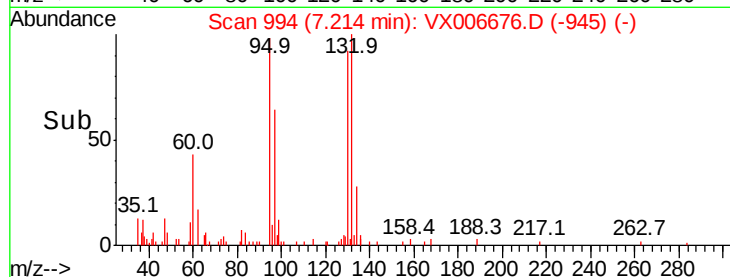
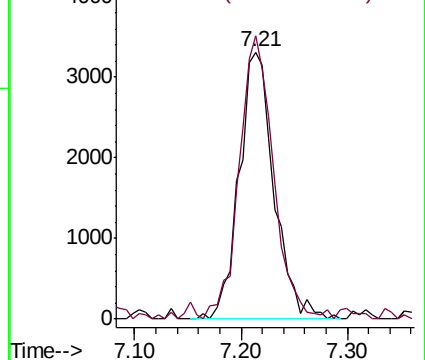
130 100

95 102.8 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: 49.687 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006676.D

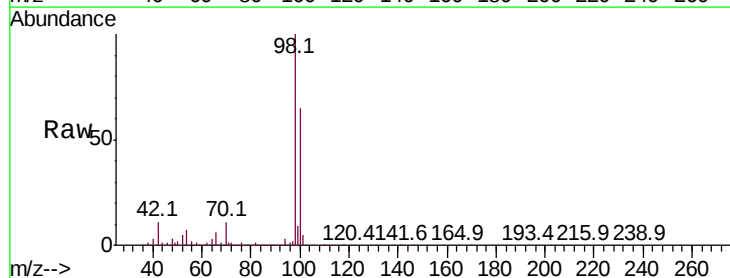
Acq: 20 Dec 2018 15:21

Tgt Ion: 98 Resp: 1180823

Ion Ratio Lower Upper

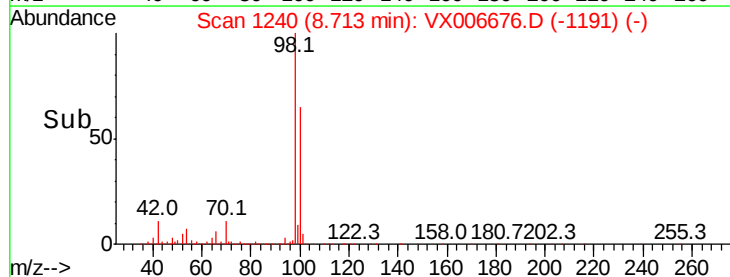
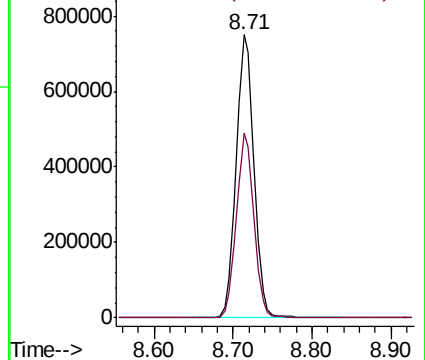
98 100

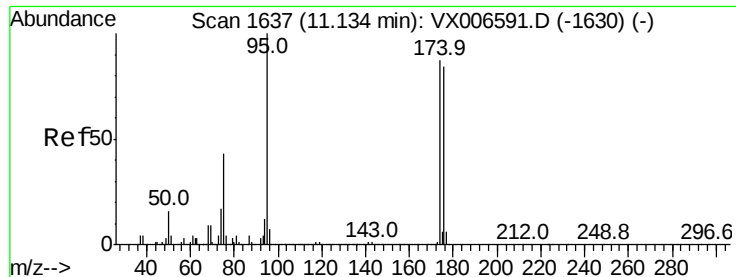
100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.388 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006676.D

Acq: 20 Dec 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

970-MW-11(15)

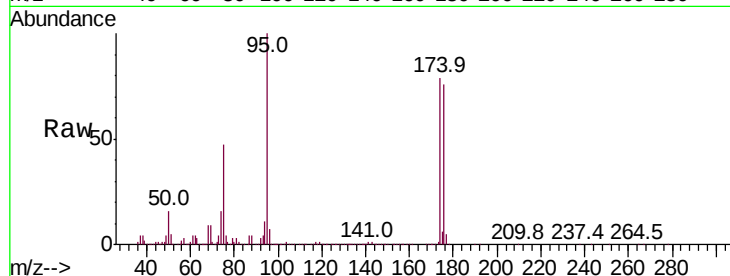
Tot Ion: 95 Resp: 429868

Ion Ratio Lower Upper

95 100

174 86.4 0.0 182.2

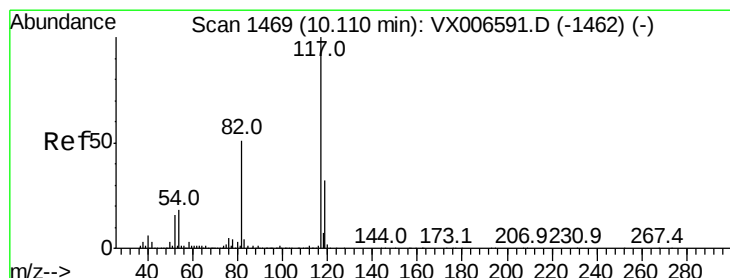
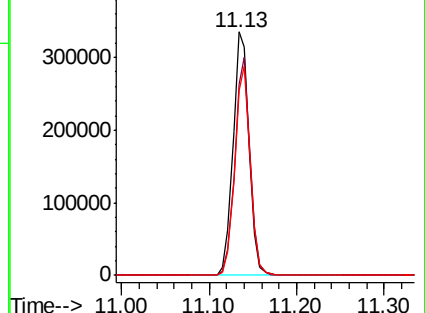
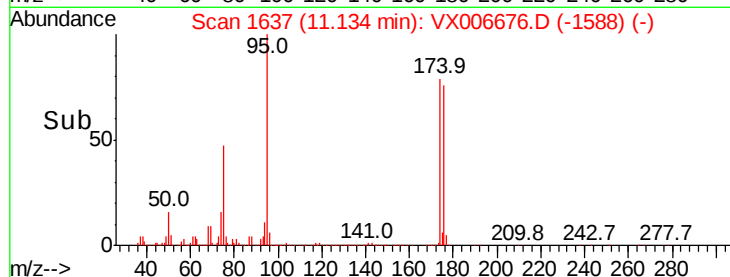
176 83.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006676.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006676.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006676.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006676.D

Acq: 20 Dec 2018 15:21

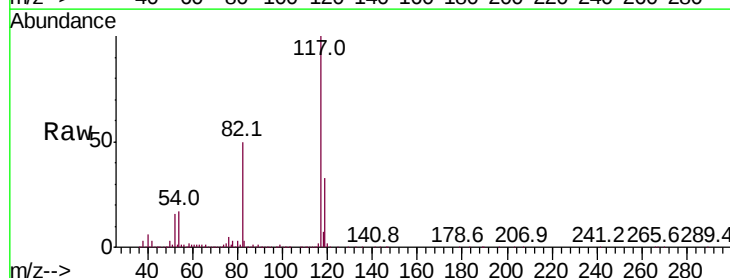
Tgt Ion: 117 Resp: 919226

Ion Ratio Lower Upper

117 100

82 49.8 41.0 61.6

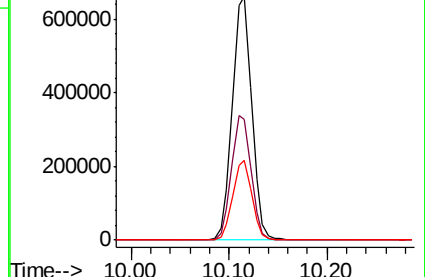
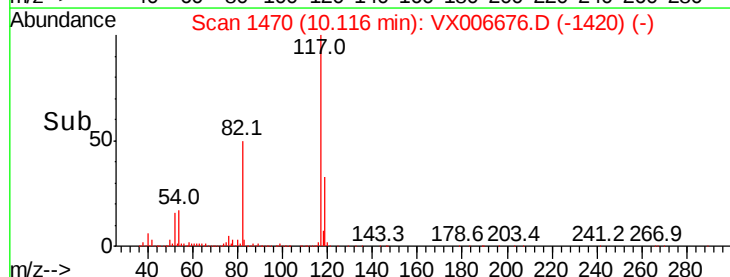
119 32.6 25.4 38.0

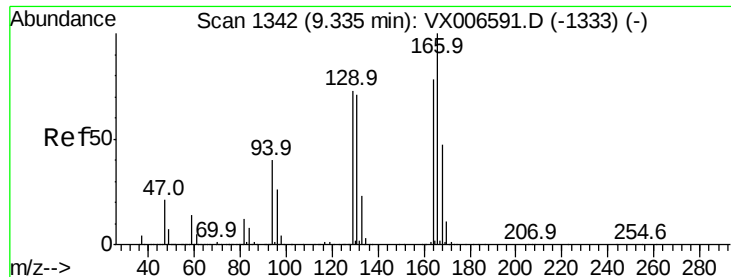


Abundance Ion 116.90 (116.60 to 117.60): VX006676.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX006676.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX006676.D (-1420) (-)





#64

Tetrachloroethene

Concen: 65.614 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006676.D

Acq: 20 Dec 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

970-MW-11(15)

Tot Ion:164 Resp: 477593

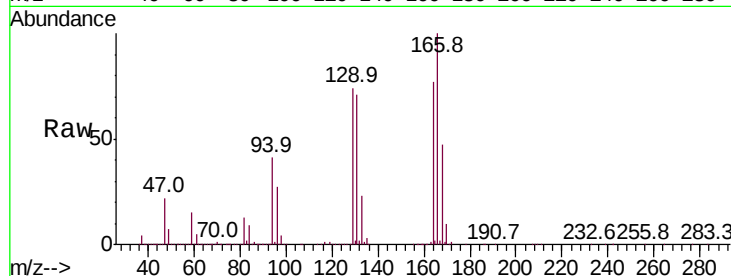
Ion Ratio Lower Upper

164 100

166 129.7 102.5 153.7

129 96.0 75.1 112.7

131 92.0 72.7 109.1

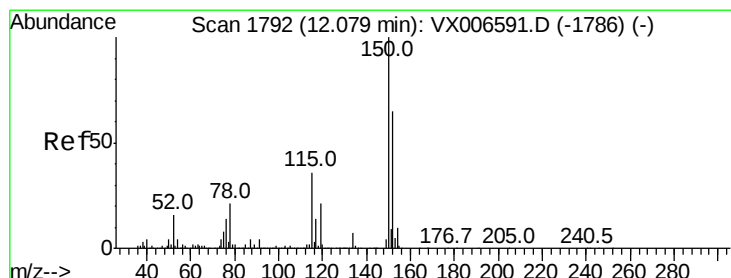
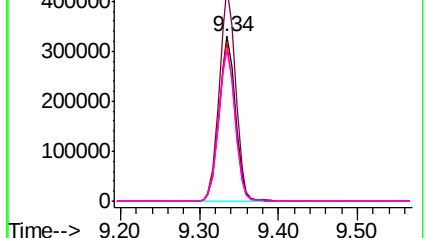
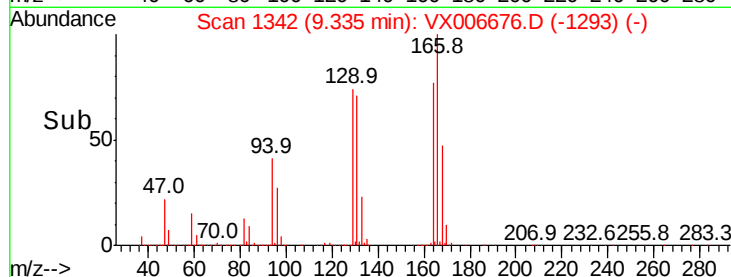


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006676.D

Acq: 20 Dec 2018 15:21

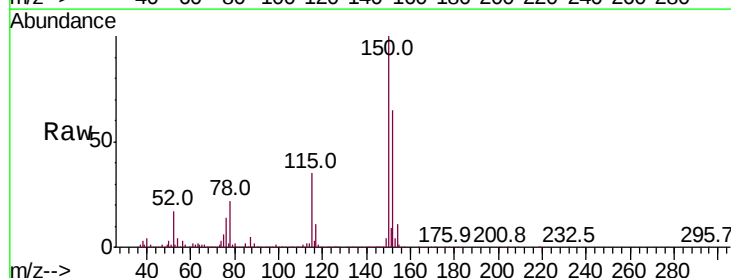
Tgt Ion:152 Resp: 441570

Ion Ratio Lower Upper

152 100

115 55.6 39.1 117.2

150 155.2 0.0 344.8



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

