

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005151.D
 Acq On : 09 Oct 2018 02:43
 Operator : JC/MD
 Sample : J5259-05DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-QBC1DL

Quant Time: Oct 09 09:36:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

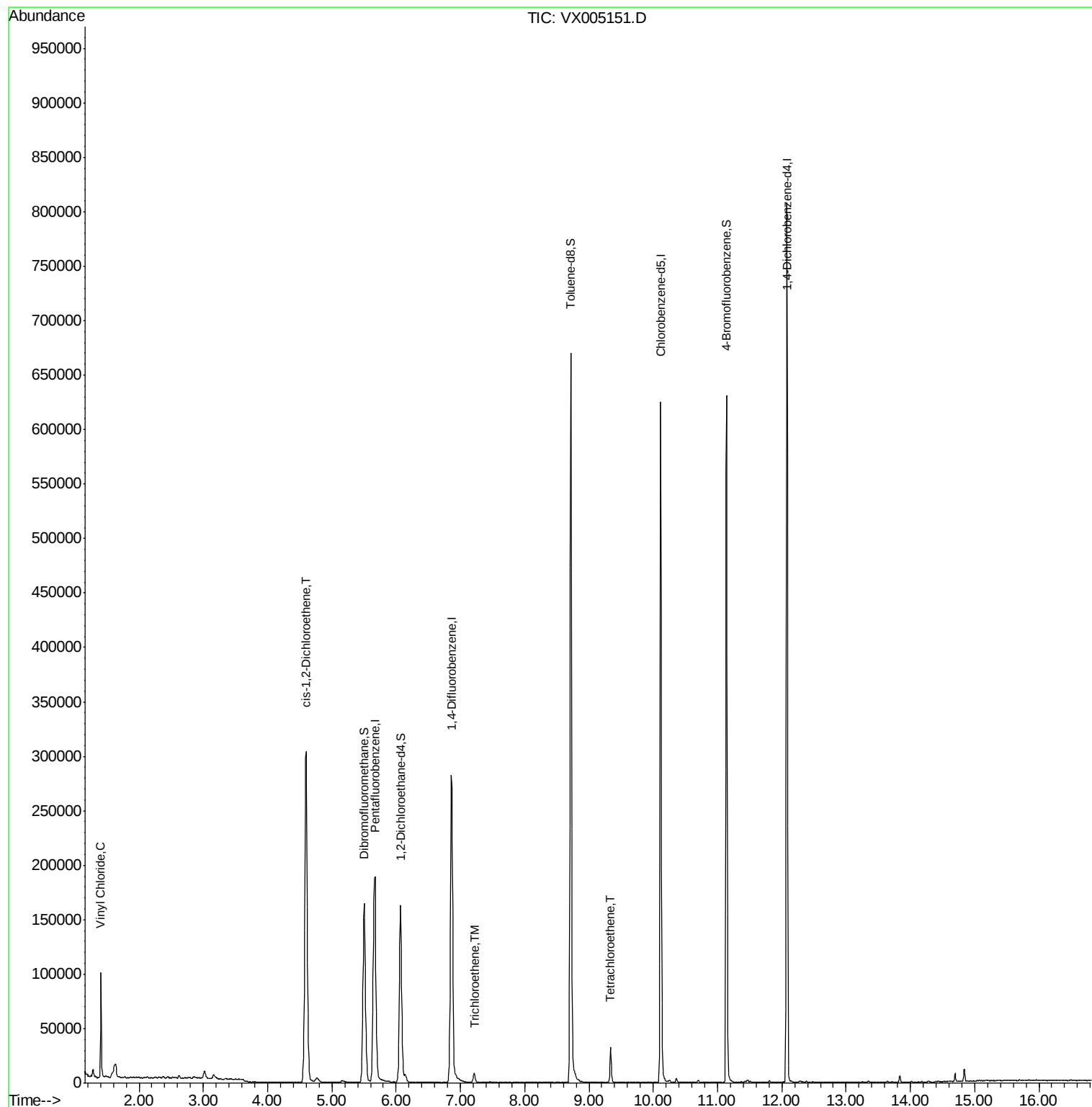
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	198577	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	294425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155641	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
35) Dibromofluoromethane	5.50	113	132941	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
50) Toluene-d8	8.72	98	430853	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	11.14	95	154833	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
Target Compounds						
4) Vinyl Chloride	1.40	62	61642	20.01	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	186659	70.94	ug/l	97
44) Trichloroethene	7.21	130	3380	1.29	ug/l	93
64) Tetrachloroethene	9.34	164	7023	2.39	ug/l	94

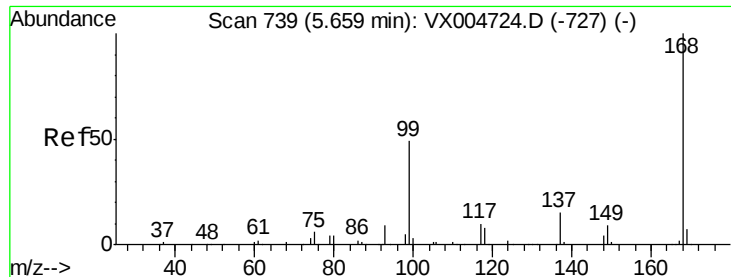
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005151.D

Acq: 09 Oct 2018 02:43

Instrument :

MSVOA_X

ClientSampleId :

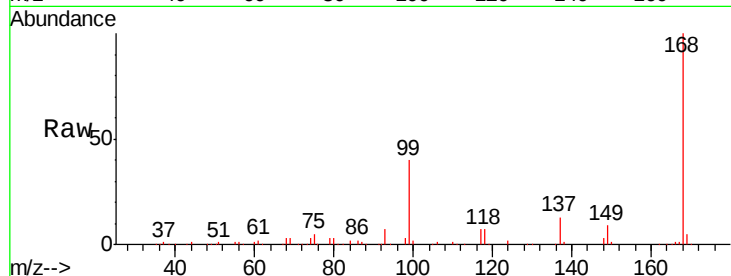
FA18-QBC1DL

Tgt Ion:168 Resp: 198577

Ion Ratio Lower Upper

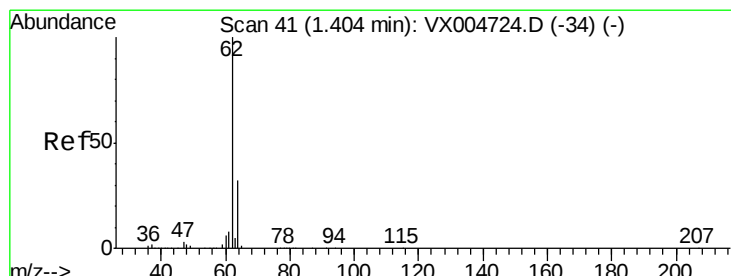
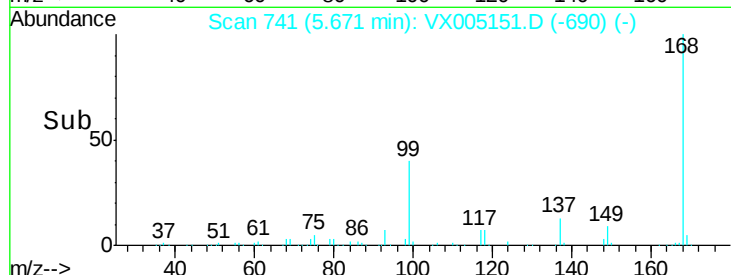
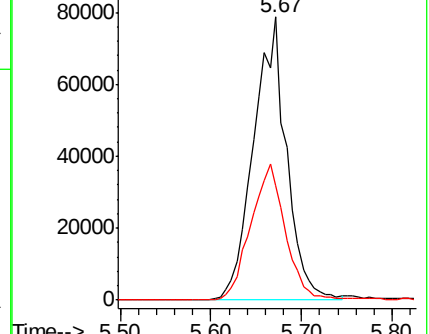
168 100

99 40.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 20.01 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005151.D

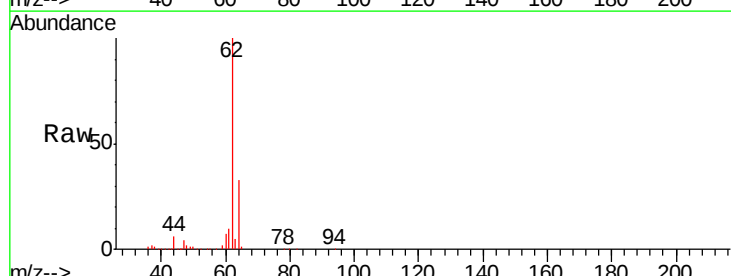
Acq: 09 Oct 2018 02:43

Tgt Ion: 62 Resp: 61642

Ion Ratio Lower Upper

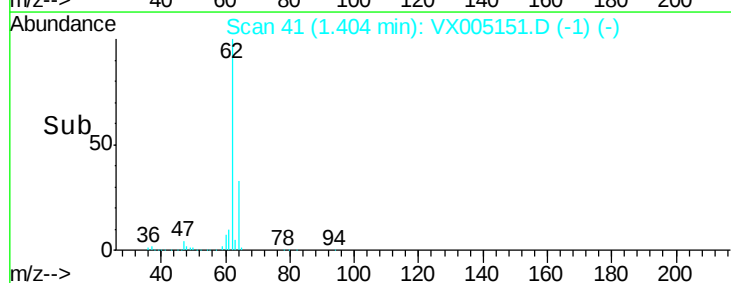
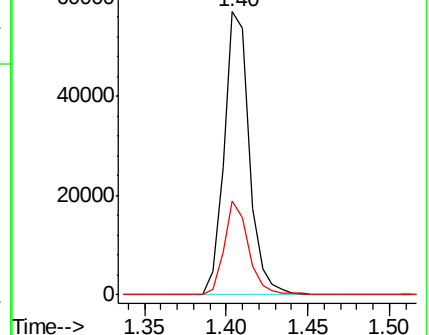
62 100

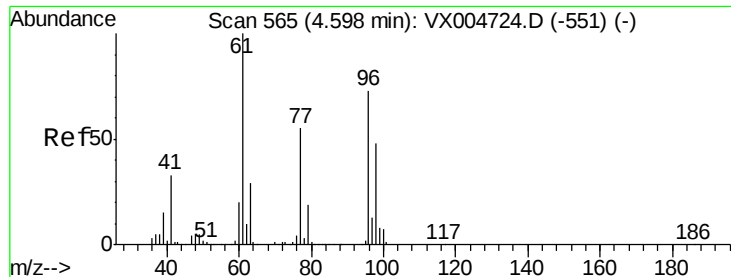
64 33.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 70.94 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005151.D

Acq: 09 Oct 2018 02:43

Instrument :

MSVOA_X

ClientSampled :

FA18-QBC1DL

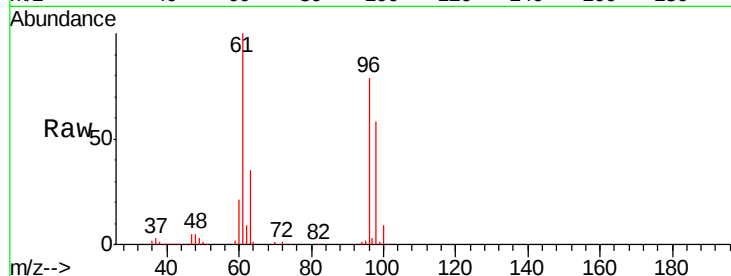
Tgt Ion: 96 Resp: 186659

Ion Ratio Lower Upper

96 100

61 138.4 0.0 285.8

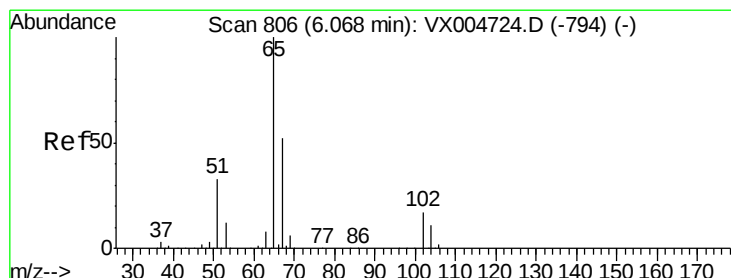
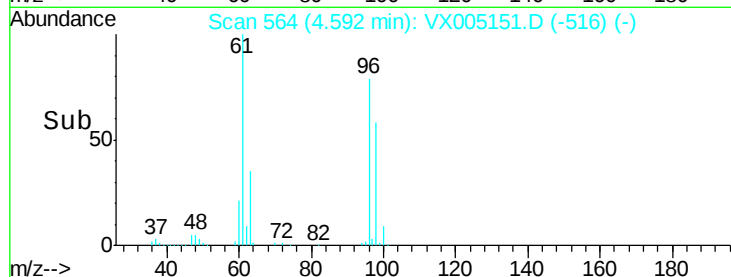
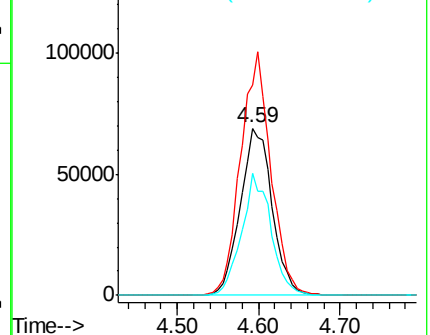
98 67.4 0.0 136.2



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: 54.87 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005151.D

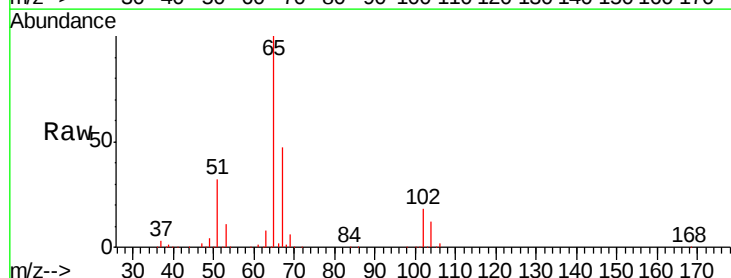
Acq: 09 Oct 2018 02:43

Tgt Ion: 65 Resp: 155641

Ion Ratio Lower Upper

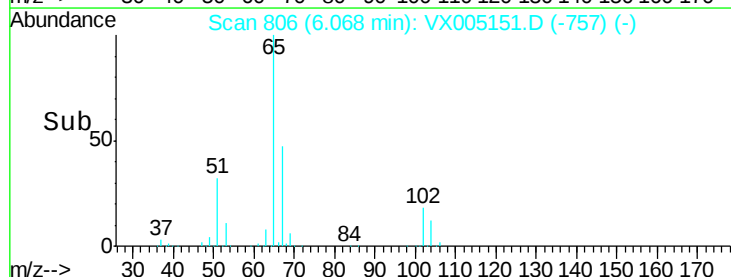
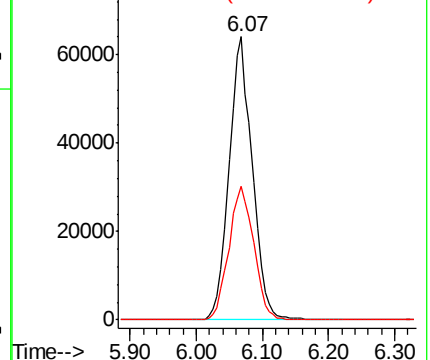
65 100

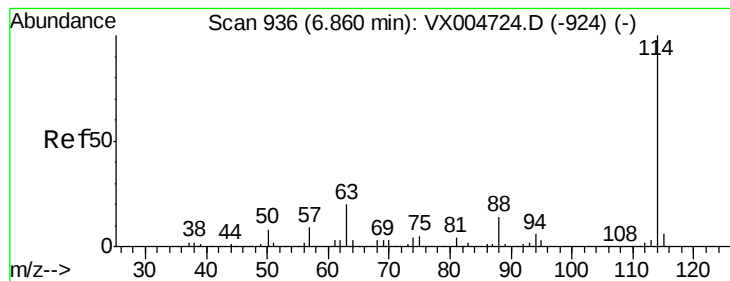
67 50.8 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005151.D

Acq: 09 Oct 2018 02:43

Instrument :

MSVOA_X

ClientSampleId :

FA18-QBC1DL

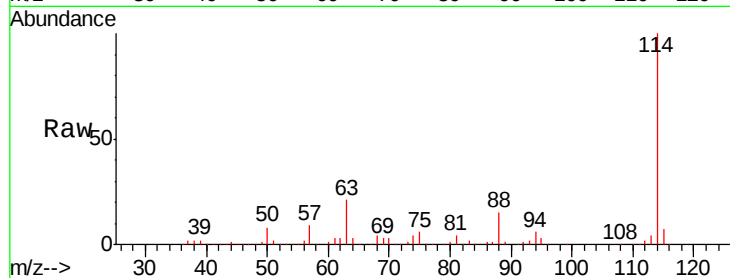
Tgt Ion:114 Resp: 294425

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.8

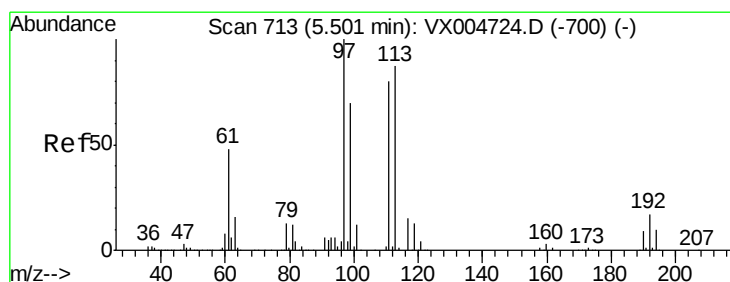
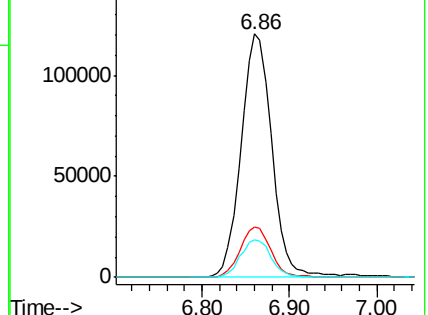
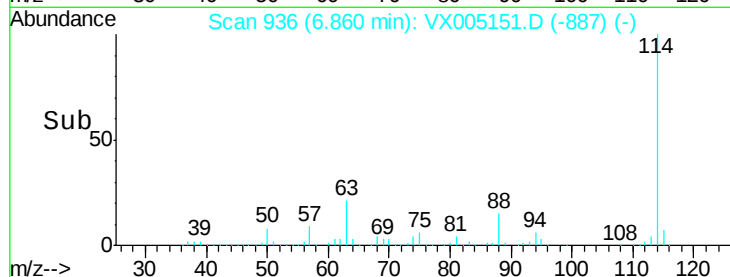
88 15.2 0.0 27.0



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: 53.28 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005151.D

Acq: 09 Oct 2018 02:43

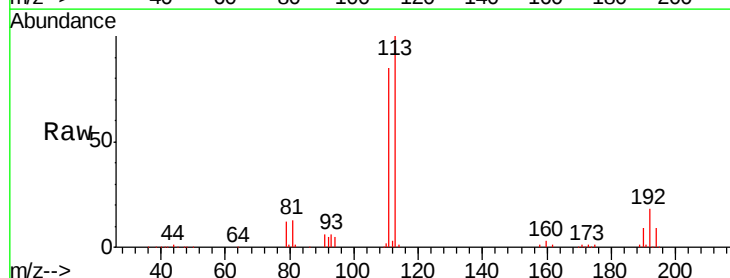
Tgt Ion:113 Resp: 132941

Ion Ratio Lower Upper

113 100

111 101.2 77.0 115.4

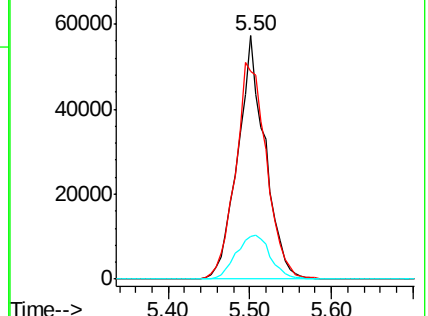
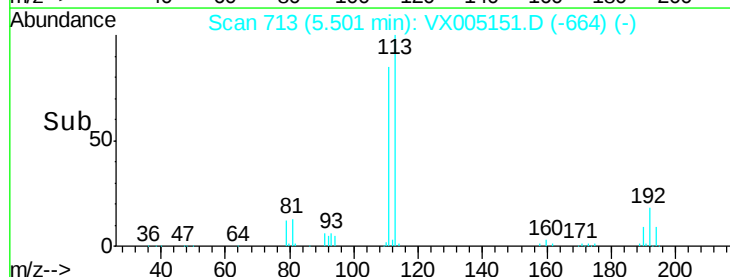
192 22.6 17.0 25.6

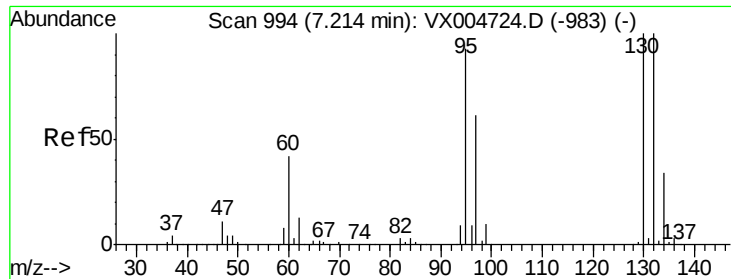


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.29 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005151.D

Acq: 09 Oct 2018 02:43

Instrument :

MSVOA_X

ClientSampleId :

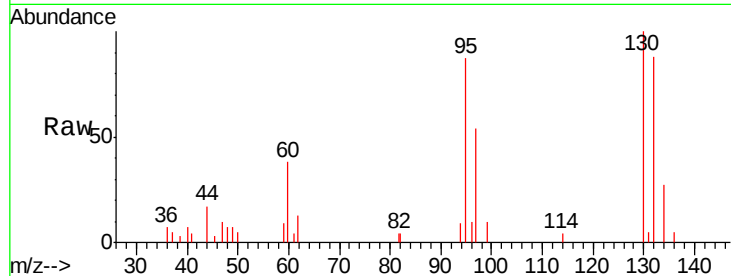
FA18-QBC1DL

Tgt Ion:130 Resp: 3380

Ion Ratio Lower Upper

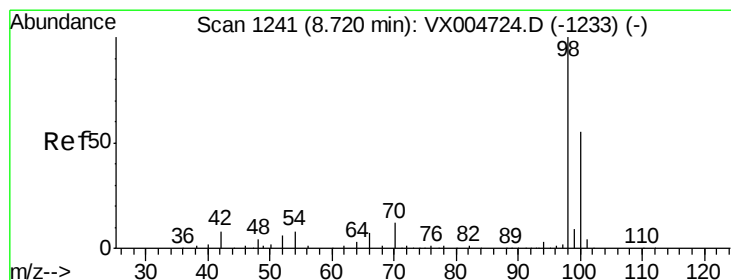
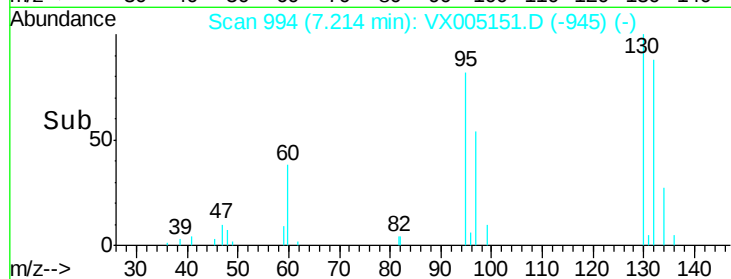
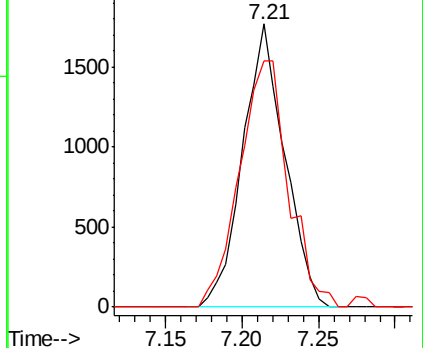
130 100

95 87.1 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.94 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005151.D

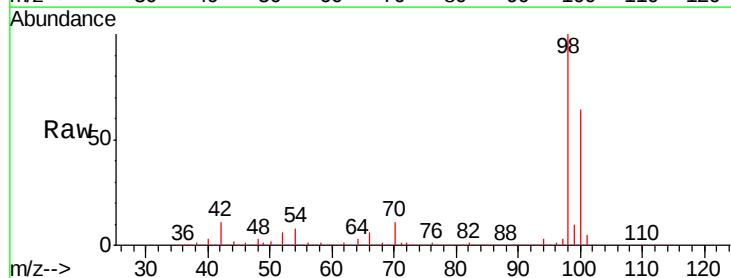
Acq: 09 Oct 2018 02:43

Tgt Ion: 98 Resp: 430853

Ion Ratio Lower Upper

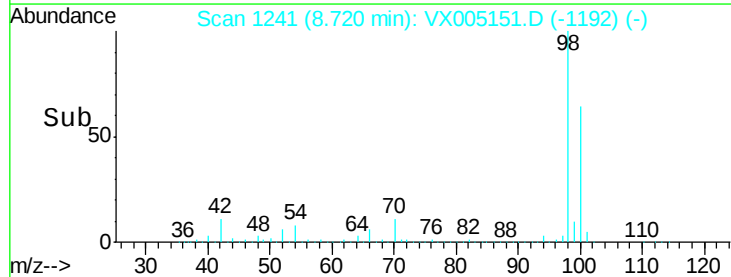
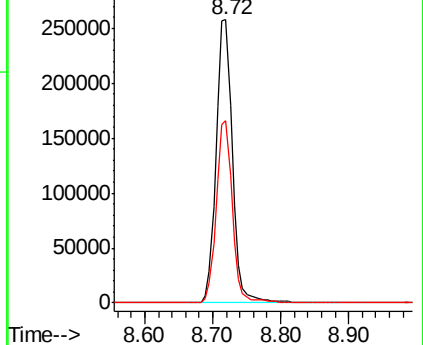
98 100

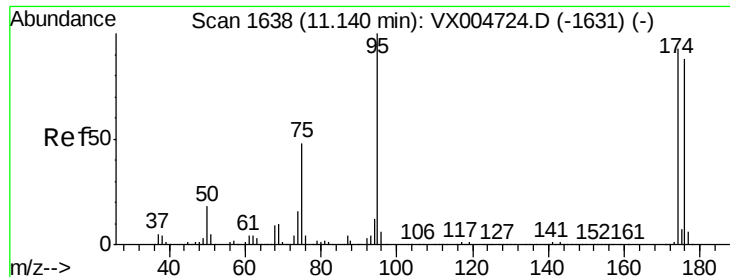
100 63.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.81 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005151.D

Acq: 09 Oct 2018 02:43

Instrument :

MSVOA_X

ClientSampleId :

FA18-QBC1DL

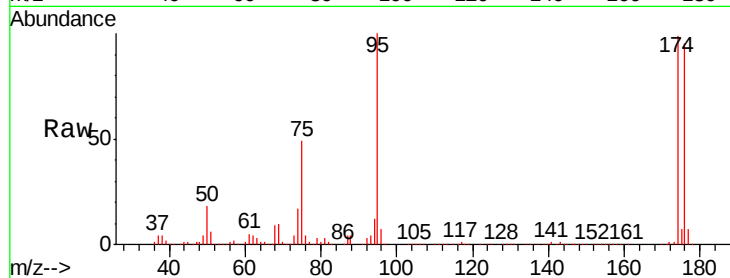
Tgt Ion: 95 Resp: 154833

Ion Ratio Lower Upper

95 100

174 96.2 0.0 185.0

176 91.8 0.0 180.2



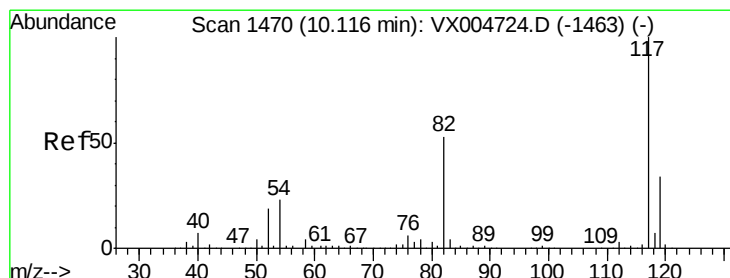
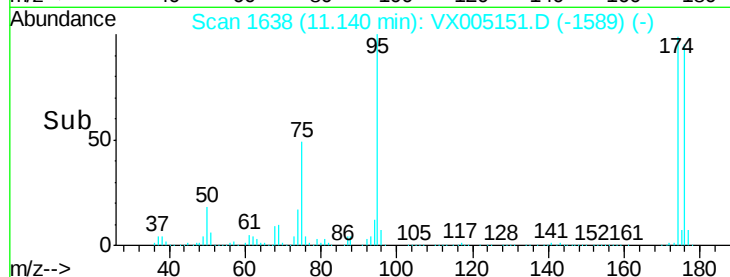
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005151.D

Acq: 09 Oct 2018 02:43

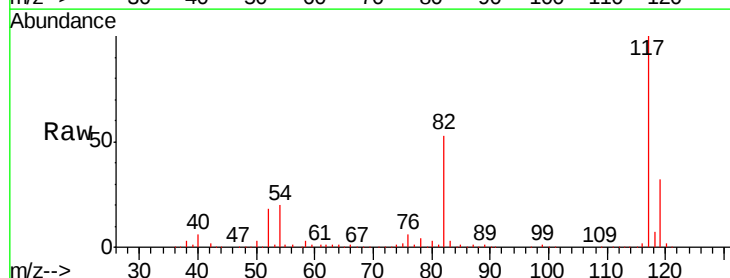
Tgt Ion: 117 Resp: 298395

Ion Ratio Lower Upper

117 100

82 53.3 42.2 63.4

119 32.0 27.4 41.0



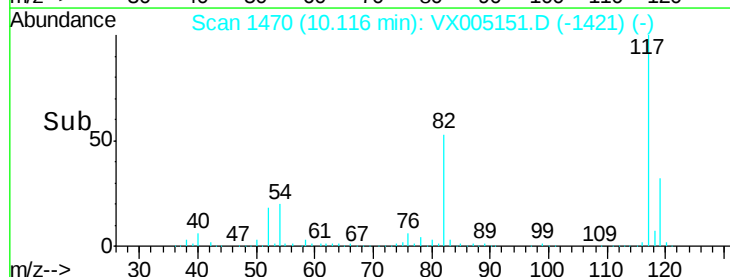
Abundance Ion 116.90 (116.60 to 117.60): V

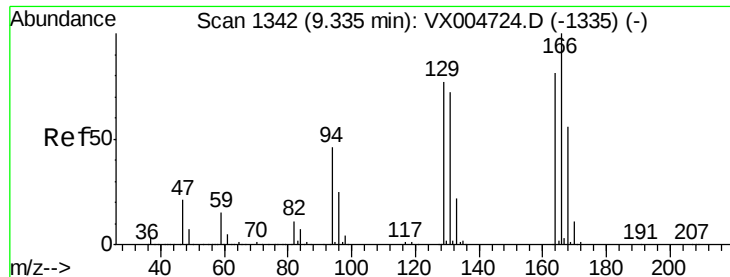
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.12

Time-->





#64

Tetrachloroethene

Concen: 2.39 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX005151.D

Acq: 09 Oct 2018 02:43

Instrument :

MSVOA_X

ClientSampleId :

FA18-QBC1DL

Tgt Ion:164 Resp: 7023

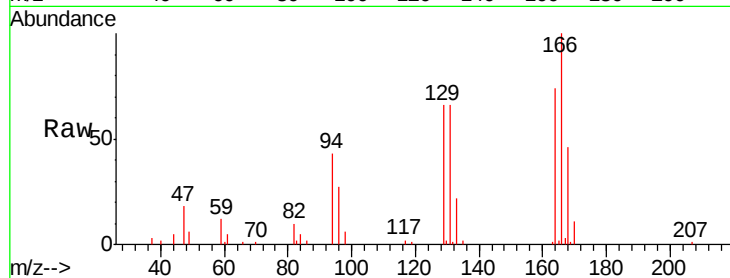
Ion Ratio Lower Upper

164 100

166 135.2 98.4 147.6

129 89.3 76.1 114.1

131 89.2 71.0 106.4

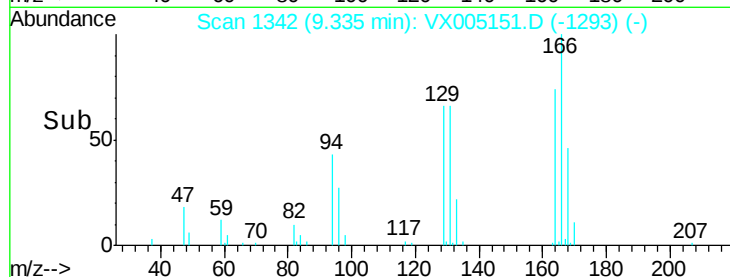


Abundance Ion 163.80 (163.50 to 164.50): V

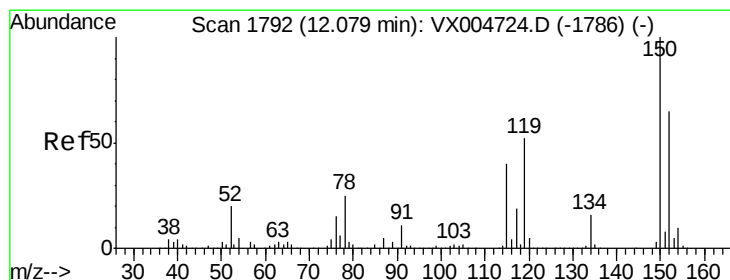
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time--> 9.25 9.30 9.35 9.40



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005151.D

Acq: 09 Oct 2018 02:43

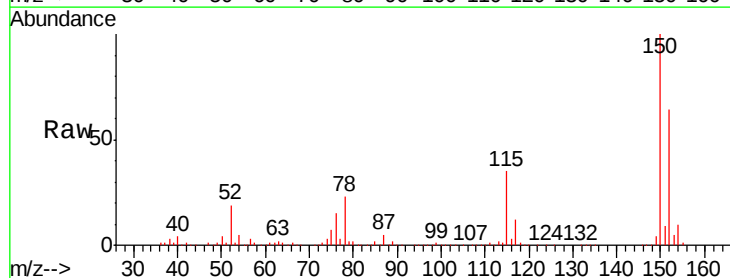
Tgt Ion:152 Resp: 166717

Ion Ratio Lower Upper

152 100

115 55.4 40.2 120.6

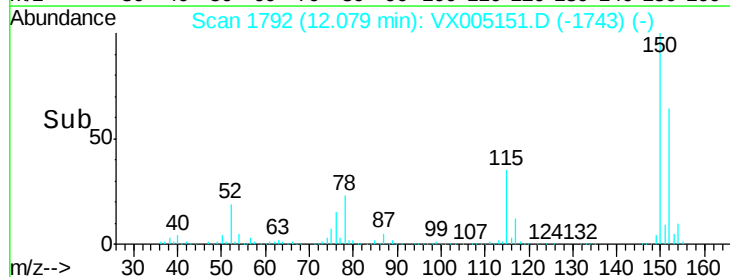
150 157.3 0.0 351.0



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



Time--> 12.00 12.10 12.20