

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
 Data File : VX001788.D
 Acq On : 17 May 2018 14:13
 Operator : JC/MD
 Sample : J2853-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY063MW003-180508

Quant Time: May 18 04:33:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

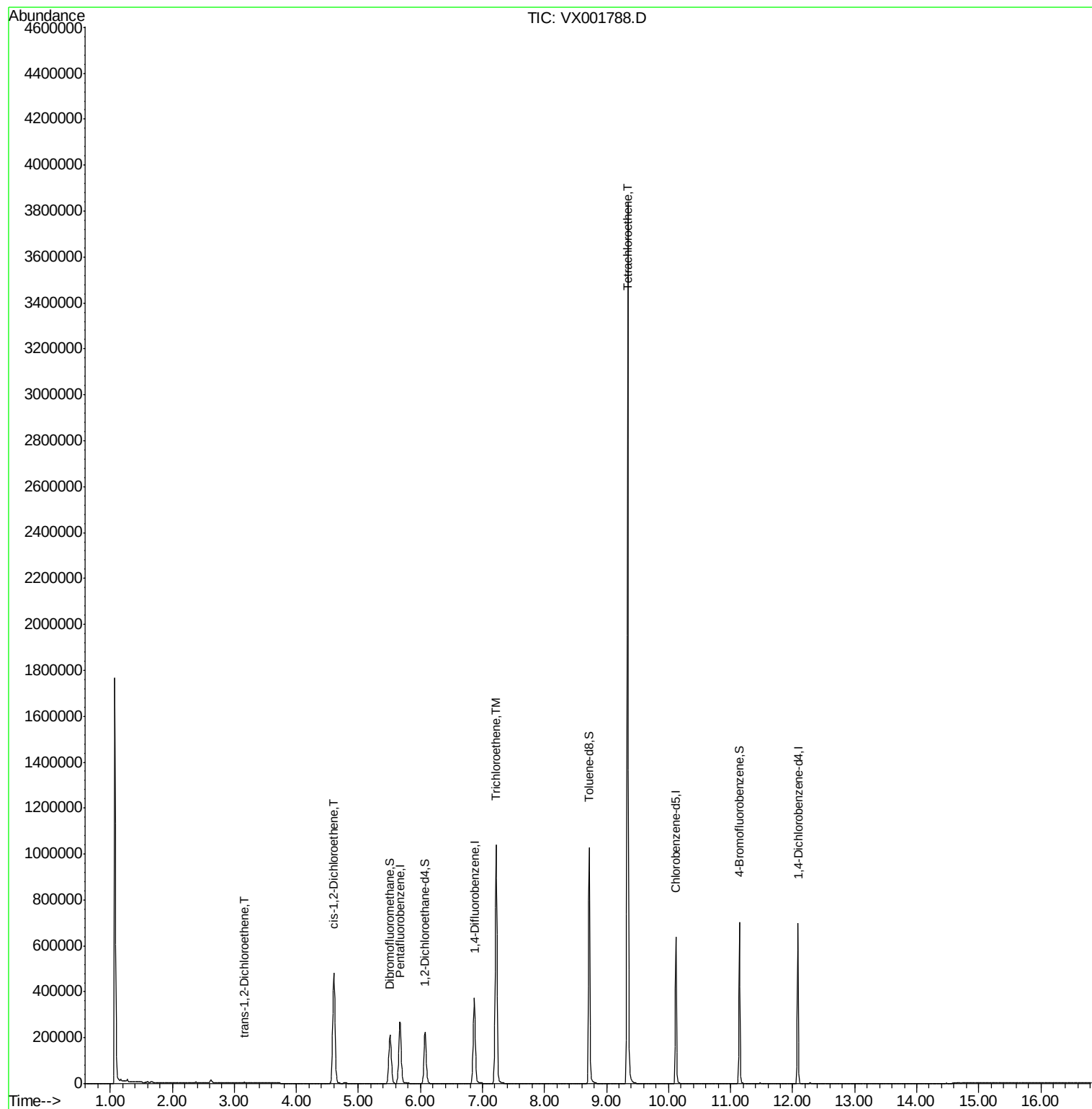
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	396757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	211089	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
35) Dibromofluoromethane	5.51	113	179386	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
50) Toluene-d8	8.72	98	623287	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	11.14	95	175825	40.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.44%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.15	96	1082	0.34	ug/l	# 79
27) cis-1,2-Dichloroethene	4.60	96	320821	88.70	ug/l	90
44) Trichloroethene	7.22	130	434232	103.96	ug/l	97
64) Tetrachloroethene	9.34	164	832893	202.79	ug/l	98

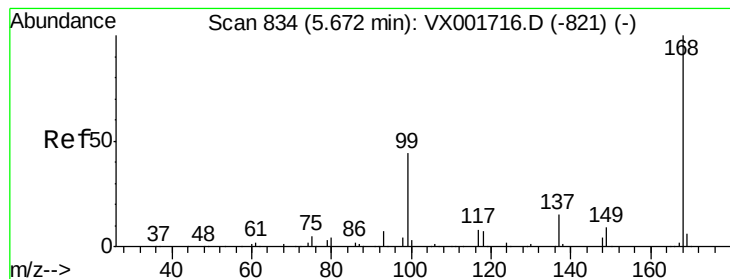
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001788.D

Acq: 17 May 2018 14:13

Instrument :

MSVOA_X

ClientSampleId :

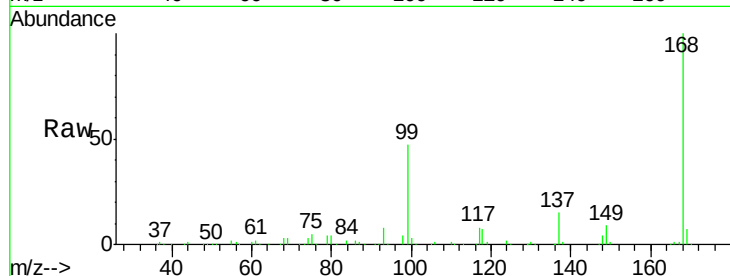
KY063MW003-180508

Tot Ion:168 Resp: 291911

Ion Ratio Lower Upper

168 100

99 47.0 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

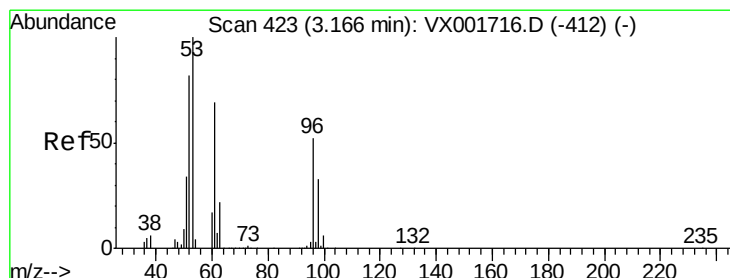
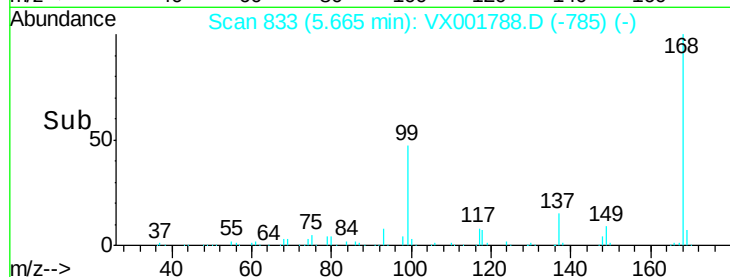
60000

40000

20000

0

Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.34 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001788.D

Acq: 17 May 2018 14:13

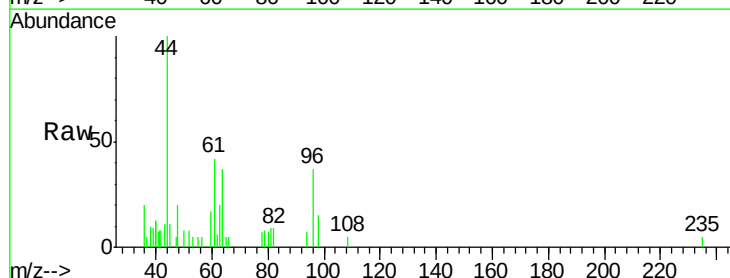
Tgt Ion: 96 Resp: 1082

Ion Ratio Lower Upper

96 100

61 112.9 105.8 158.8

98 40.0 50.2 75.4#



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

1000

800

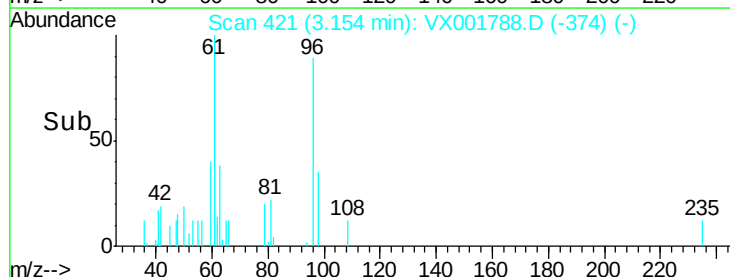
600

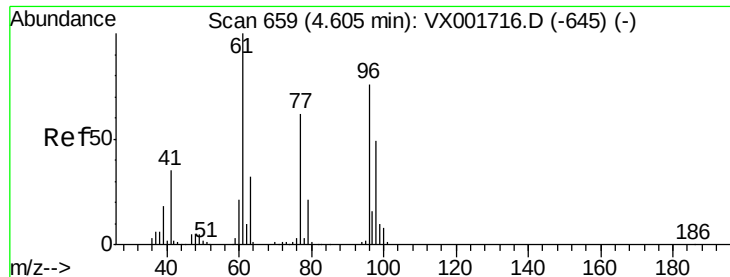
400

200

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 88.70 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001788.D

Acq: 17 May 2018 14:13

Instrument :

MSVOA_X

ClientSampleId :

KY063MW003-180508

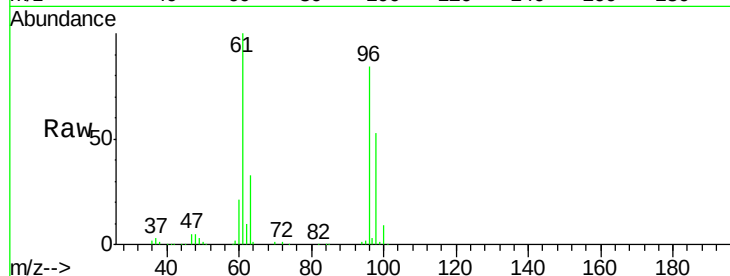
Tot Ion: 96 Resp: 320821

Ion Ratio Lower Upper

96 100

61 122.1 0.0 280.4

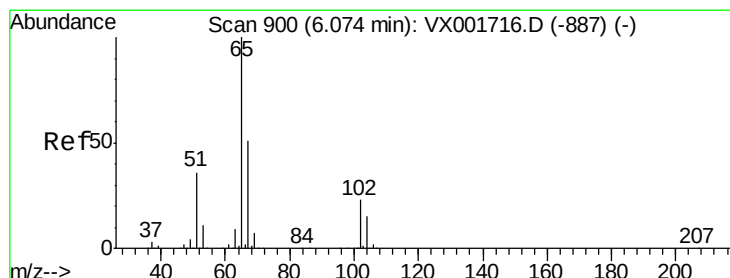
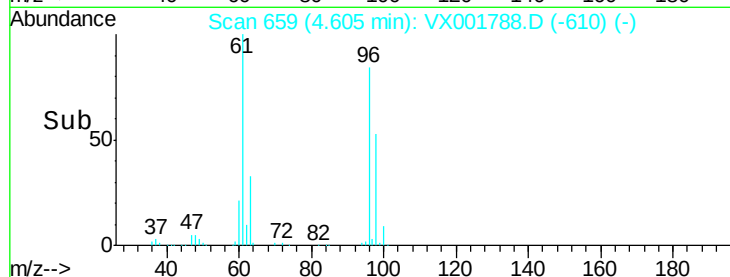
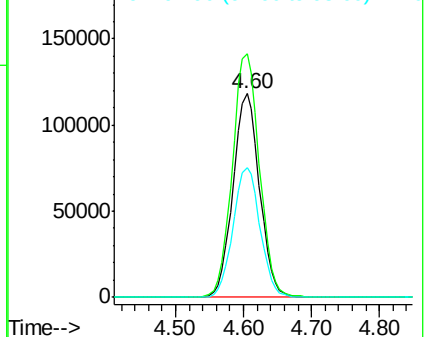
98 64.7 0.0 128.4



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: 53.95 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001788.D

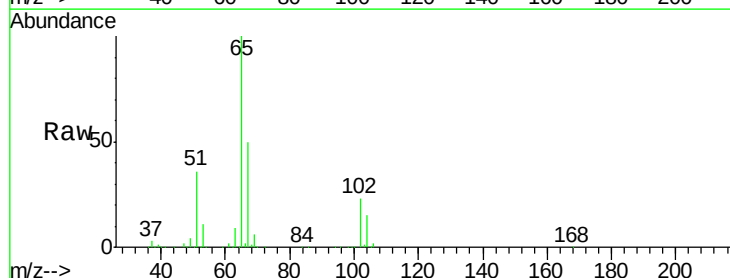
Acq: 17 May 2018 14:13

Tgt Ion: 65 Resp: 211089

Ion Ratio Lower Upper

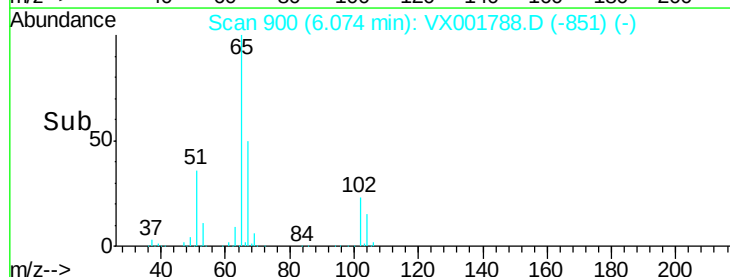
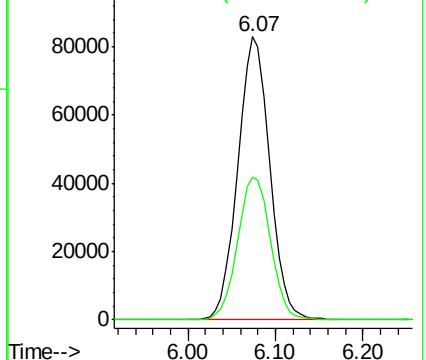
65 100

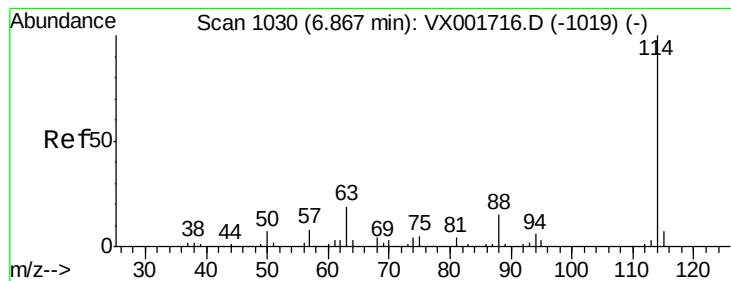
67 52.0 0.0 102.8



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: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001788.D

Acq: 17 May 2018 14:13

Instrument :

MSVOA_X

ClientSampleId :

KY063MW003-180508

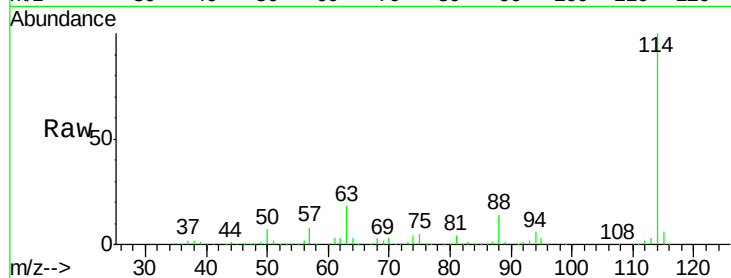
Tot Ion:114 Resp: 396757

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.0

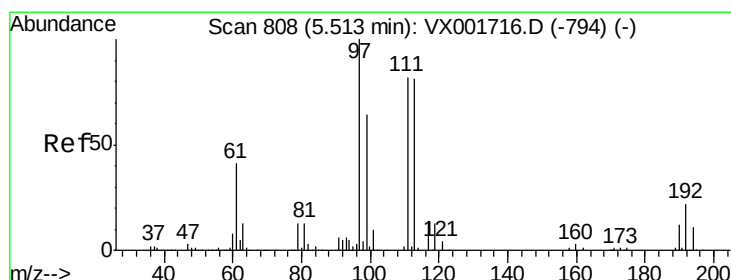
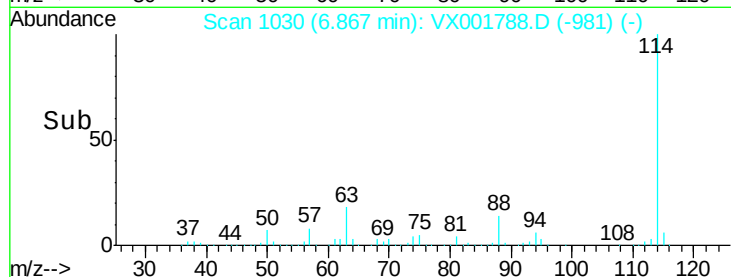
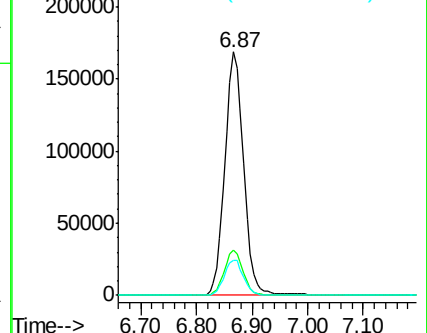
88 14.3 0.0 29.8



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: 53.58 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001788.D

Acq: 17 May 2018 14:13

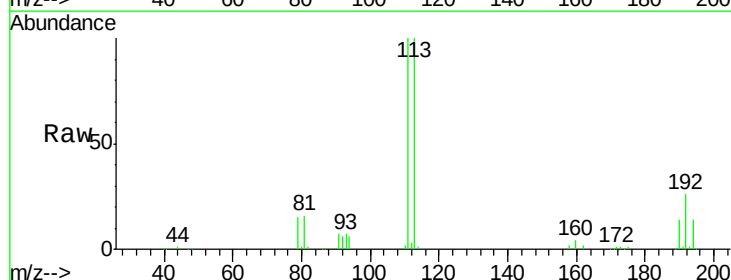
Tgt Ion:113 Resp: 179386

Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

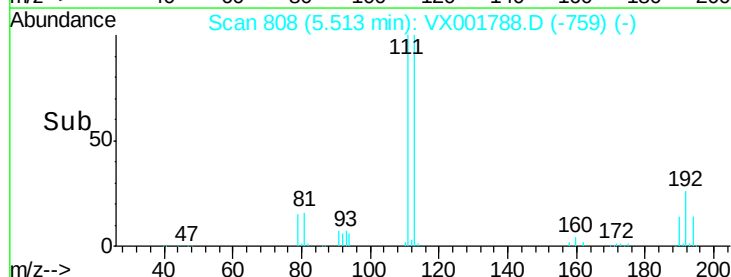
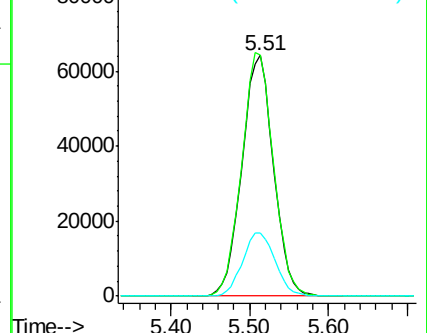
192 27.1 21.6 32.4

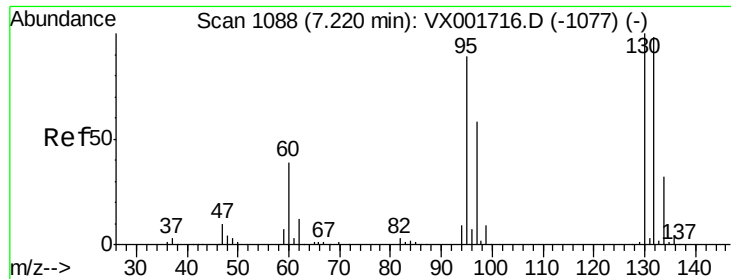


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 103.96 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001788.D

Acq: 17 May 2018 14:13

Instrument :

MSVOA_X

ClientSampleId :

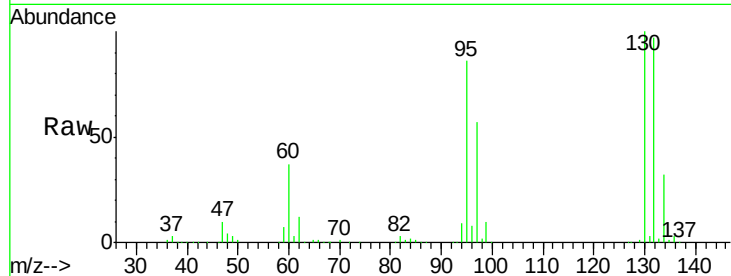
KY063MW003-180508

Tot Ion:130 Resp: 434232

Ion Ratio Lower Upper

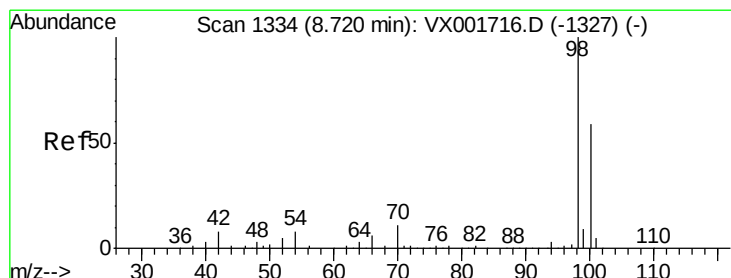
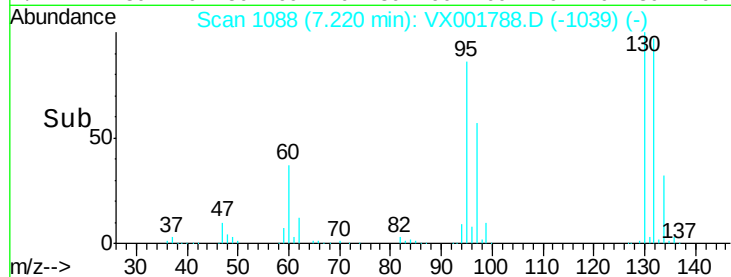
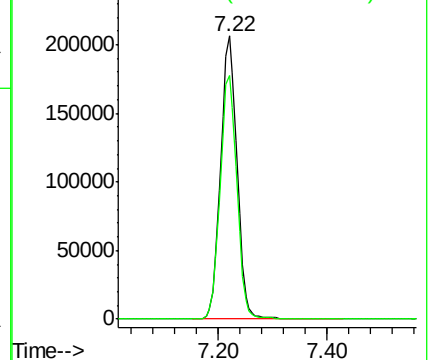
130 100

95 86.3 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.98 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001788.D

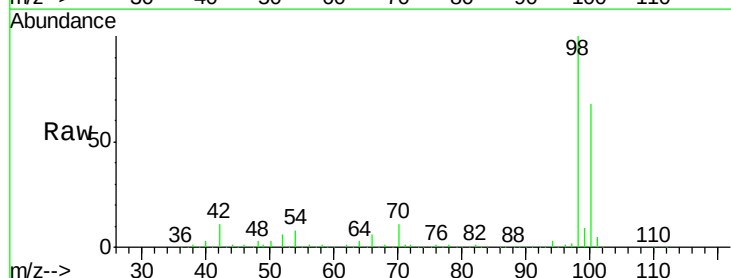
Acq: 17 May 2018 14:13

Tgt Ion: 98 Resp: 623287

Ion Ratio Lower Upper

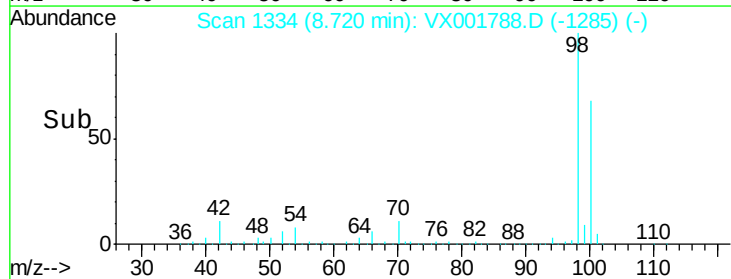
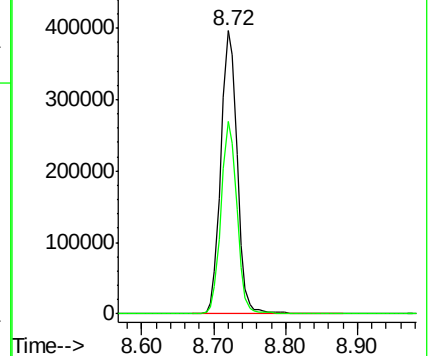
98 100

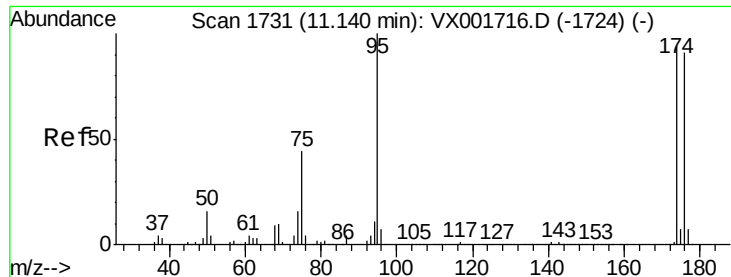
100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

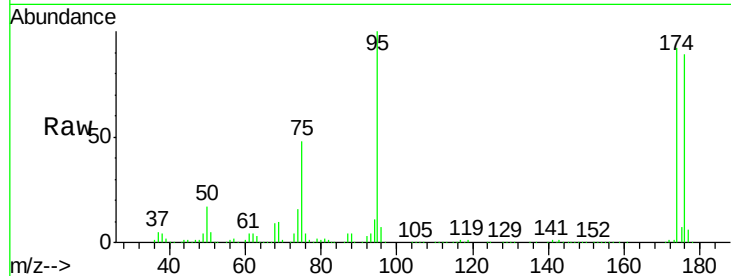




#62
4-Bromofluorobenzene
Concen: 40.72 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001788.D
Acq: 17 May 2018 14:13

Instrument :
MSVOA_X
ClientSampleId :
KY063MW003-180508

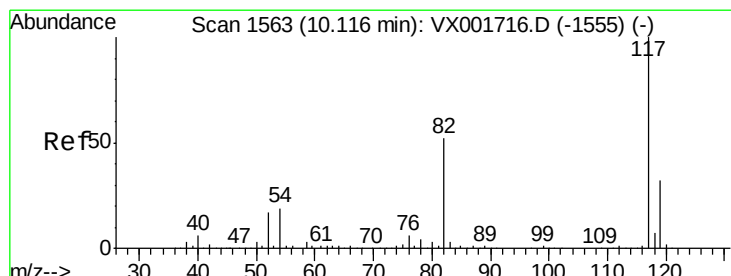
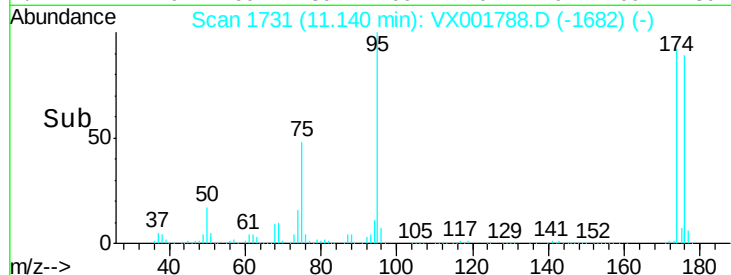
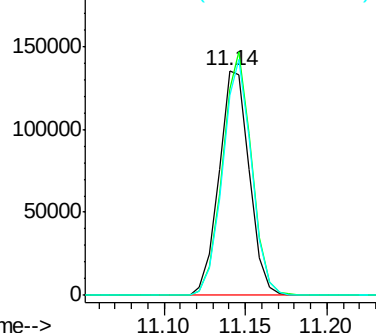
Tot Ion	Ratio	Lower	Upper
95	100		
174	103.4	0.0	201.8
176	100.2	0.0	196.8



Abundance Ion 94.90 (94.60 to 95.60): VX001716.D (-1724) (-)

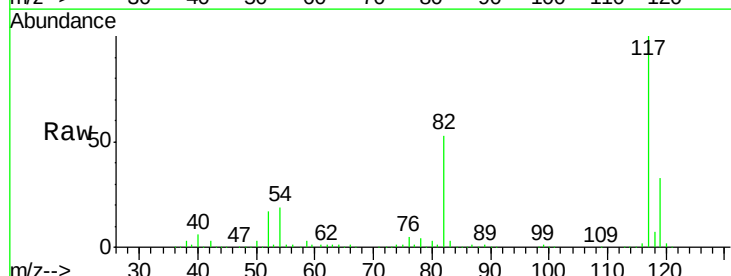
Ion 173.80 (173.50 to 174.50): VX001716.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001716.D (-1724) (-)



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001788.D
Acq: 17 May 2018 14:13

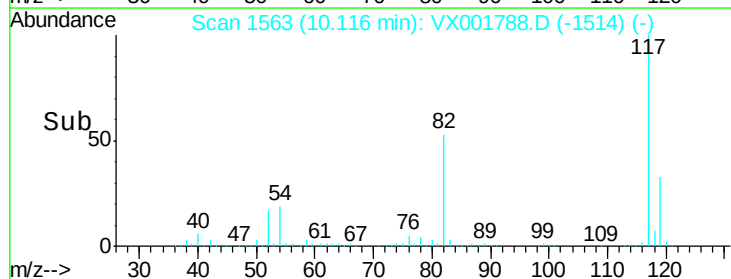
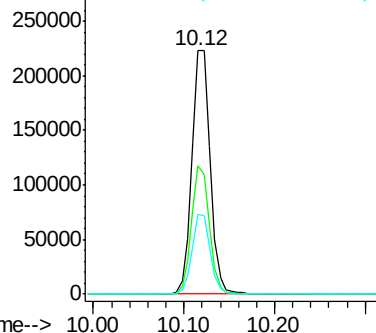
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.4	62.2
119	32.6	25.6	38.4

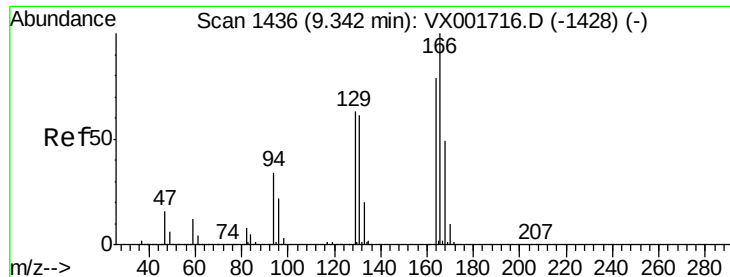


Abundance Ion 116.90 (116.60 to 117.60): VX001716.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX001716.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX001716.D (-1555) (-)





#64

Tetrachloroethene

Concen: 202.79 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001788.D

Acq: 17 May 2018 14:13

Instrument :

MSVOA_X

ClientSampleId :

KY063MW003-180508

Tot Ion:164 Resp: 832893

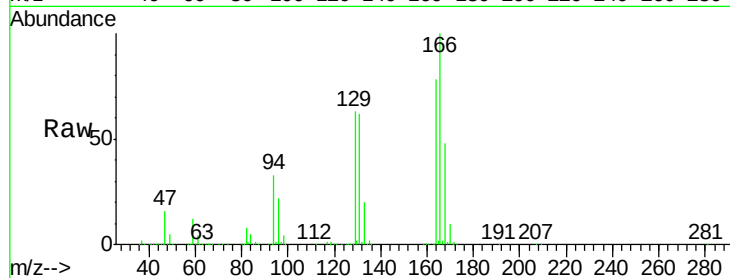
Ion Ratio Lower Upper

164 100

166 128.9 101.8 152.8

129 81.1 63.8 95.6

131 80.2 62.2 93.2

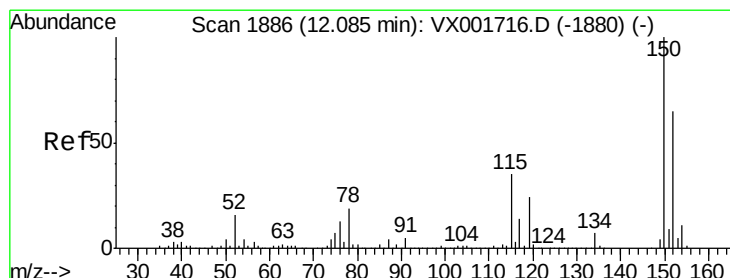
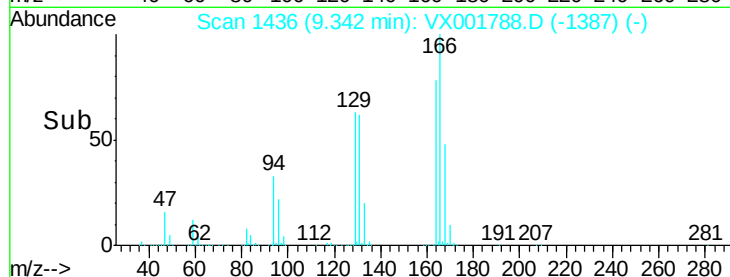
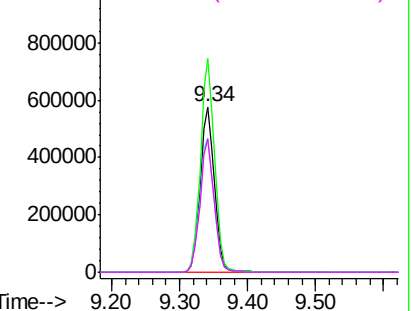


Abundance Ion 163.80 (163.50 to 164.50): V

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. -0.00 min

Lab File: VX001788.D

Acq: 17 May 2018 14:13

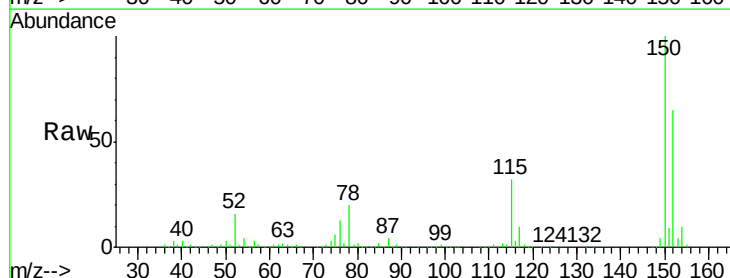
Tgt Ion:152 Resp: 155194

Ion Ratio Lower Upper

152 100

115 51.6 37.4 112.2

150 156.0 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

