

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001744.D
 Acq On : 15 May 2018 14:41
 Operator : JC/MD
 Sample : J2737-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW143-180503

Quant Time: May 16 04:58:59 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

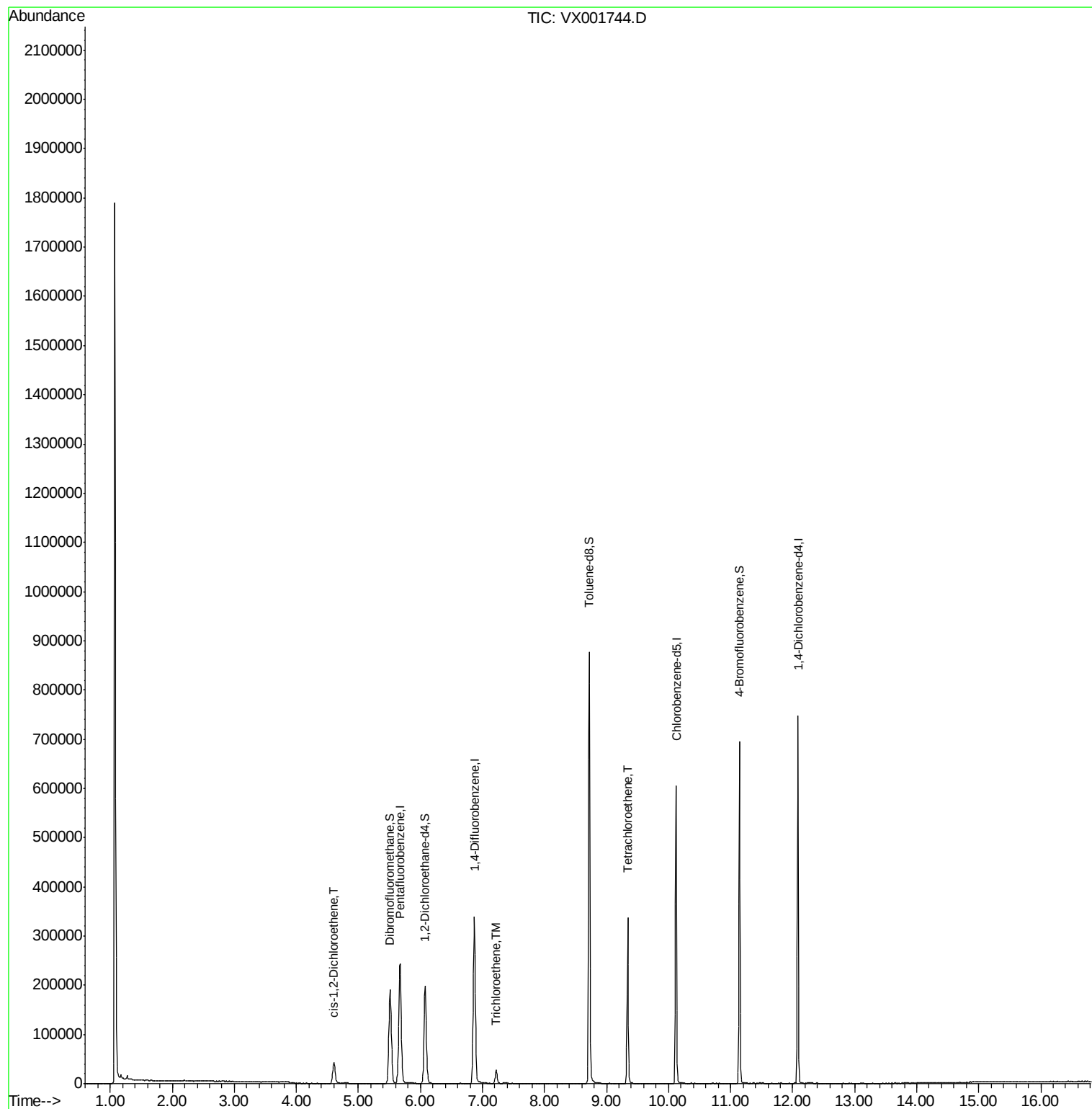
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	161127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187309	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
35) Dibromofluoromethane	5.51	113	155378	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
50) Toluene-d8	8.72	98	531493	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.14	95	174134	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	27648	8.53	ug/l	96
44) Trichloroethene	7.22	130	10820	2.94	ug/l	97
64) Tetrachloroethene	9.34	164	72577	18.53	ug/l	98

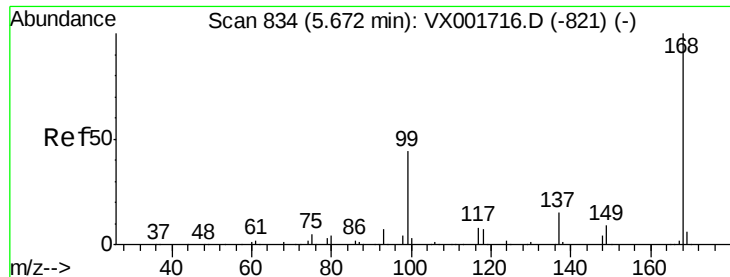
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

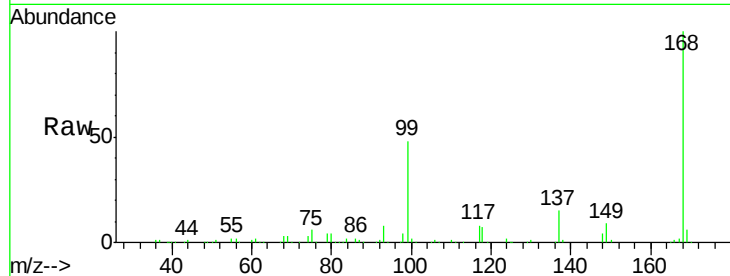
KY062MW143-180503

Tot Ion:168 Resp: 261595

Ion Ratio Lower Upper

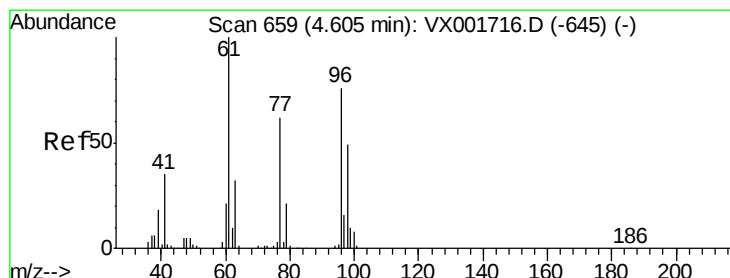
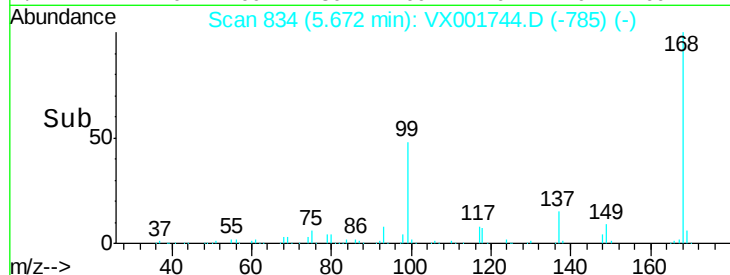
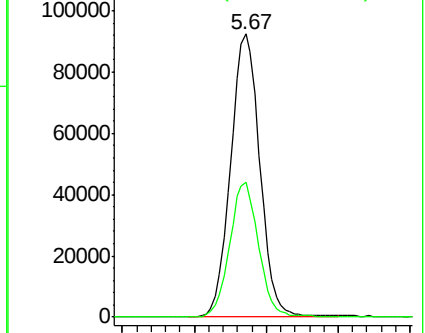
168 100

99 47.8 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 8.53 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

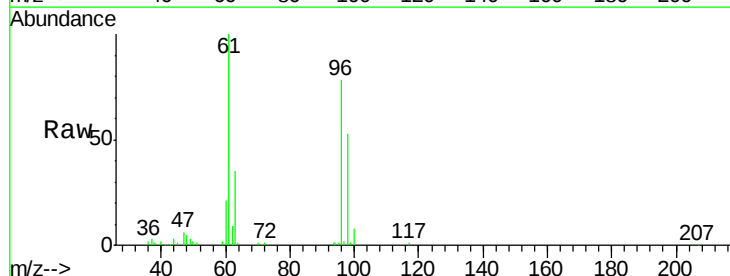
Tgt Ion: 96 Resp: 27648

Ion Ratio Lower Upper

96 100

61 134.2 0.0 280.4

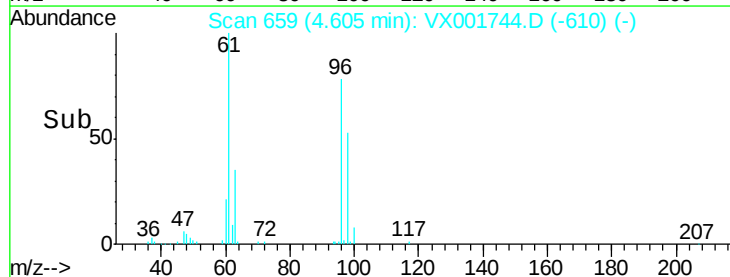
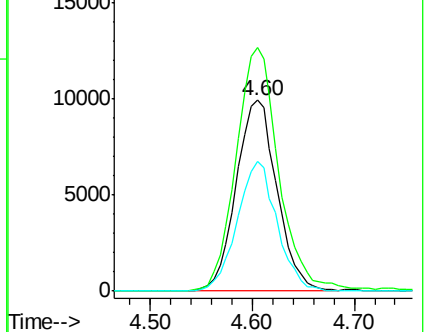
98 66.0 0.0 128.4

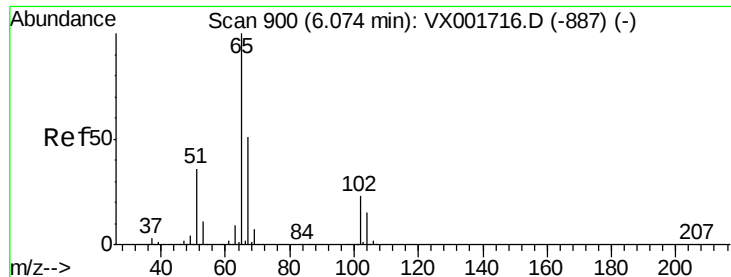


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.42 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

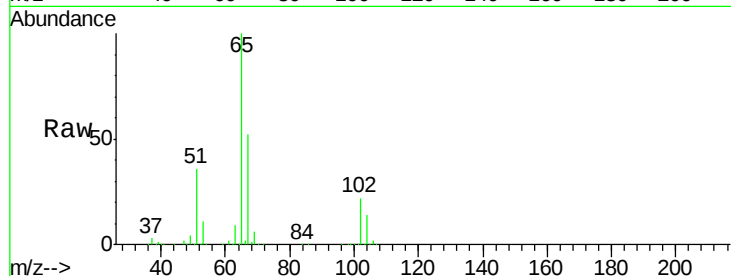
KY062MW143-180503

Tot Ion: 65 Resp: 187309

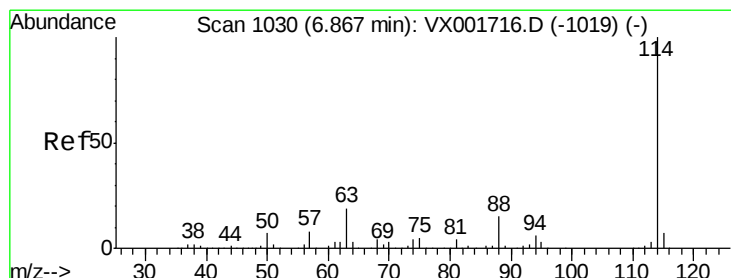
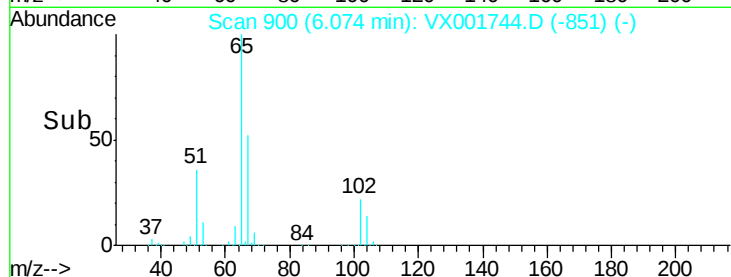
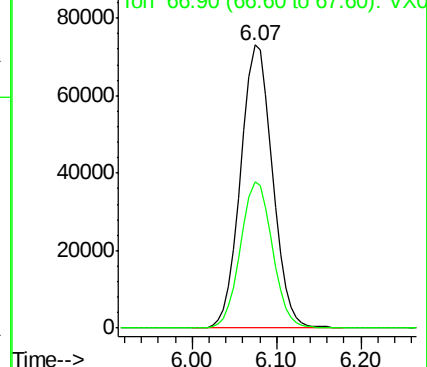
Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX001716.D (-887) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

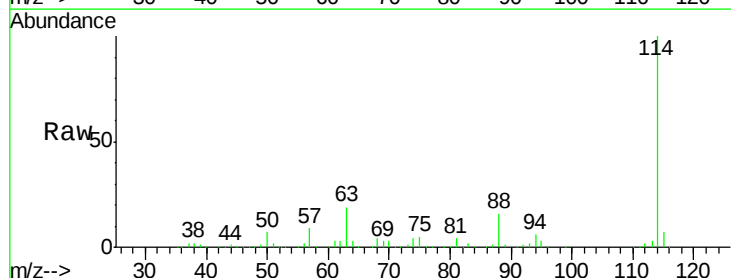
Tgt Ion: 114 Resp: 349112

Ion Ratio Lower Upper

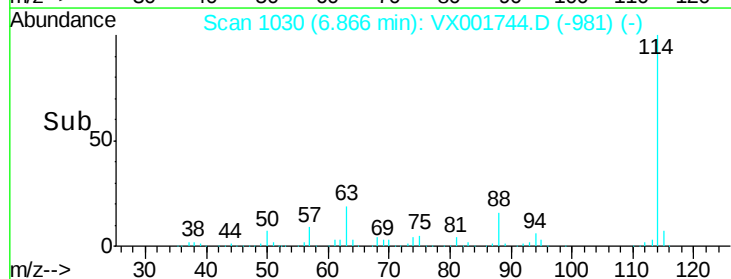
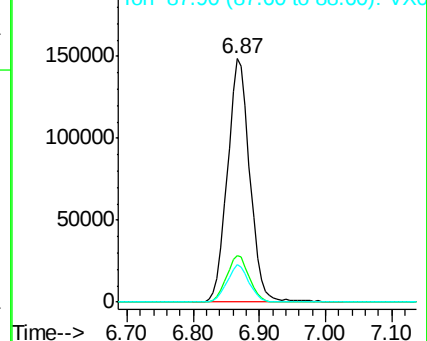
114 100

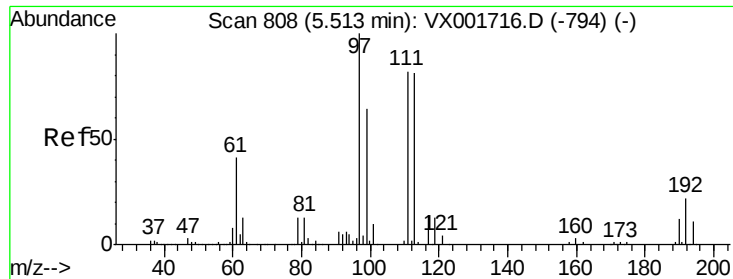
63 19.1 0.0 37.0

88 15.6 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): VX001716.D (-1019) (-)

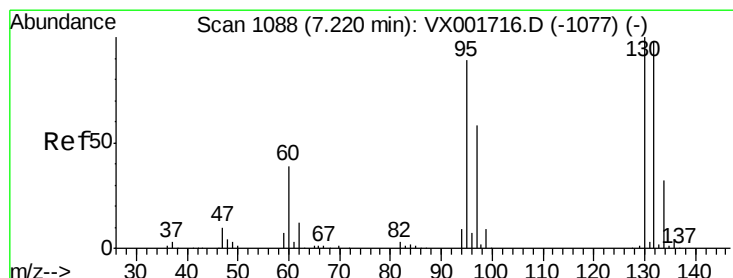
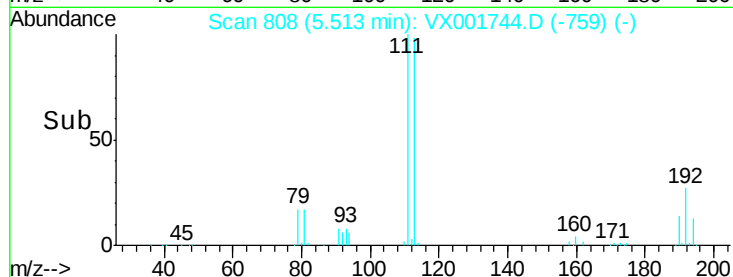
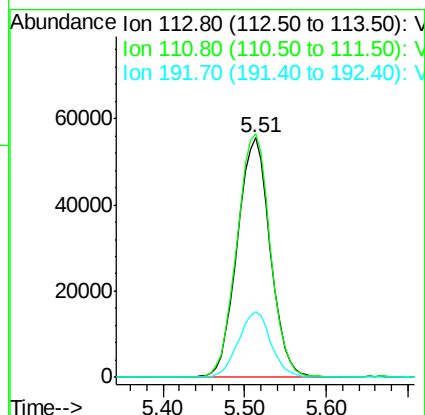
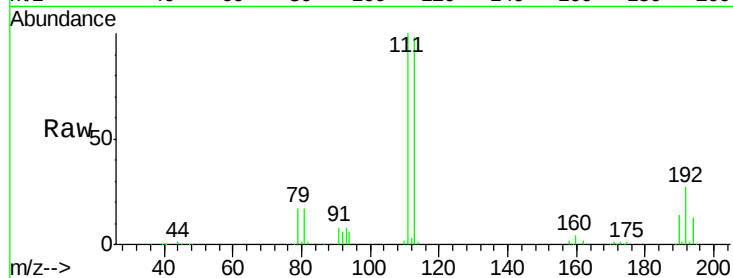




#35
 Dibromofluoromethane
 Concen: 52.74 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001744.D
 Acq: 15 May 2018 14:41

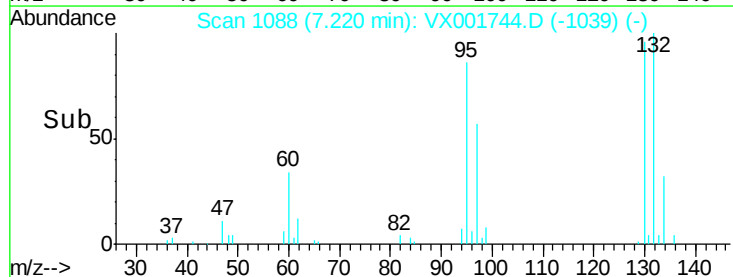
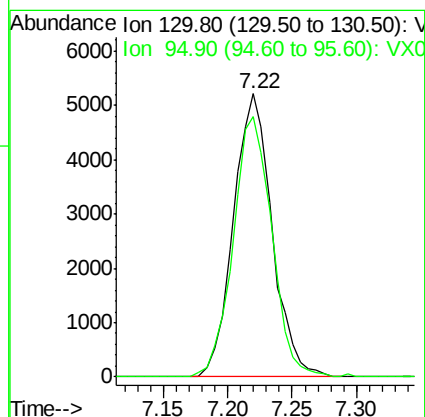
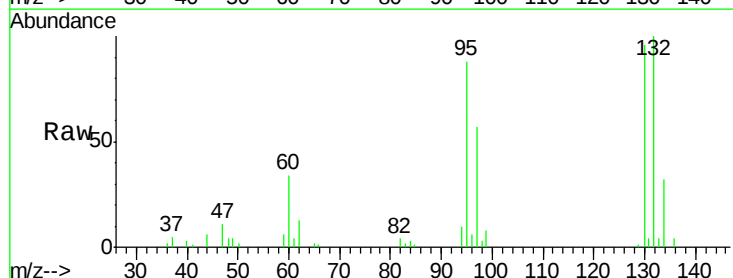
Instrument :
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 KY062MW143-180503

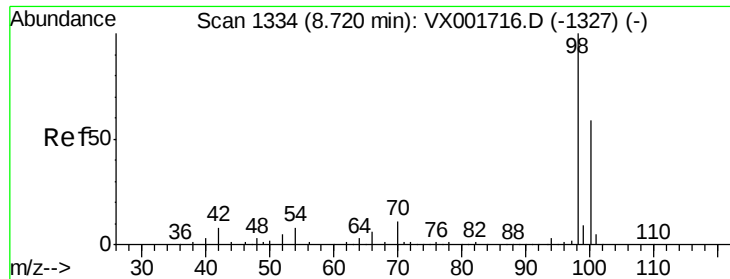
Tot Ion:113 Resp: 155378
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.0 123.0
 192 27.2 21.6 32.4



#44
 Trichloroethene
 Concen: 2.94 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001744.D
 Acq: 15 May 2018 14:41

Tgt Ion:130 Resp: 10820
 Ion Ratio Lower Upper
 130 100
 95 91.8 0.0 177.2





#50

Toluene-d8

Concen: 50.37 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

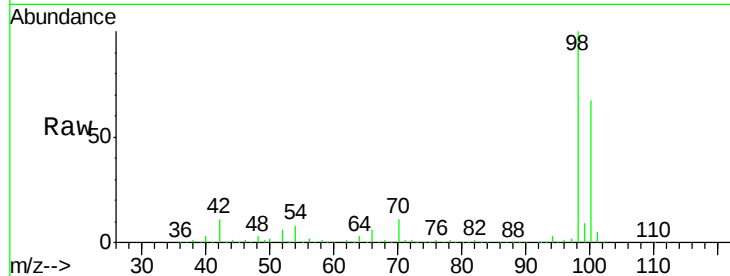
KY062MW143-180503

Tot Ion: 98 Resp: 531493

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): V

8.72

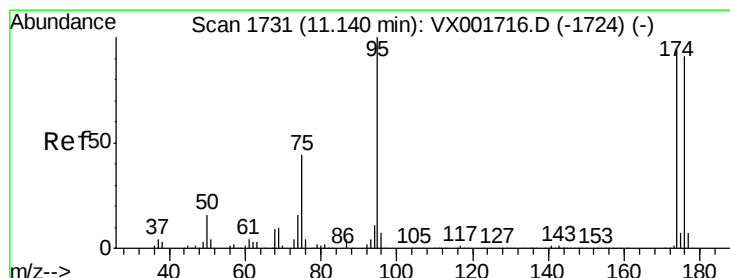
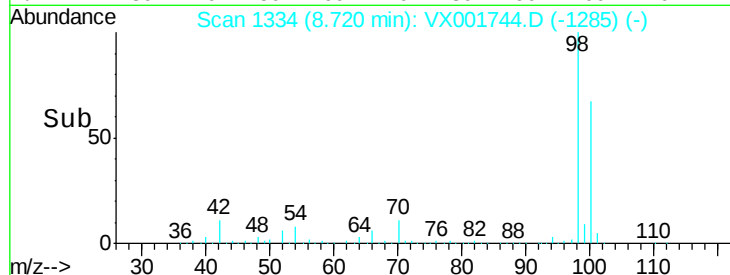
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001744.D

Acq: 15 May 2018 14:41

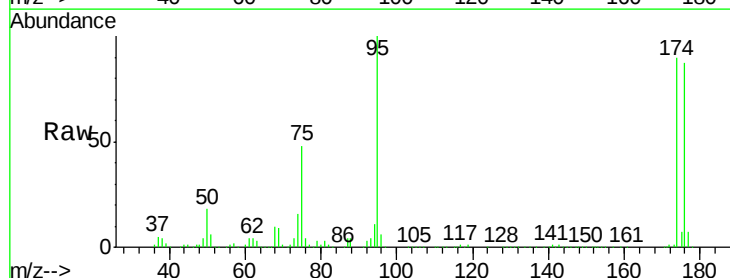
Tgt Ion: 95 Resp: 174134

Ion Ratio Lower Upper

95 100

174 101.5 0.0 201.8

176 97.5 0.0 196.8



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

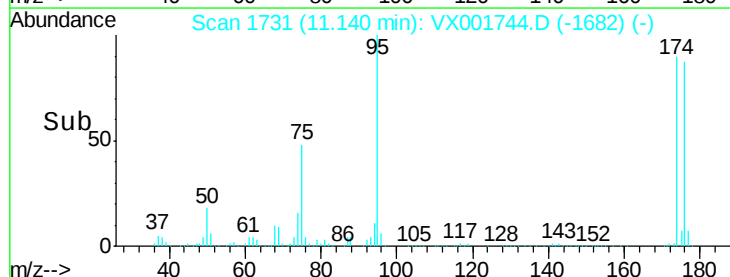
150000

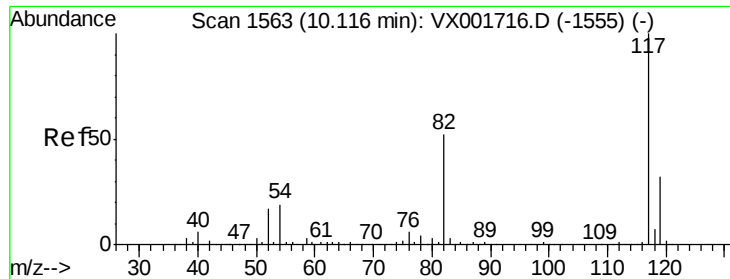
100000

50000

0

Time-->

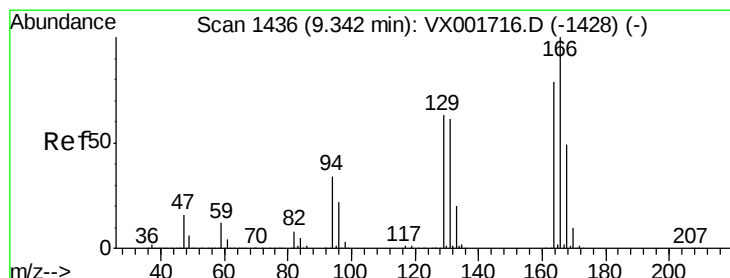
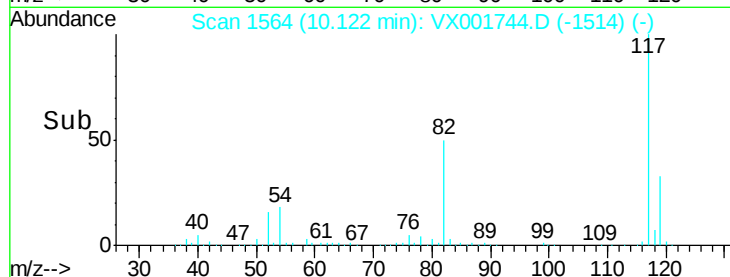
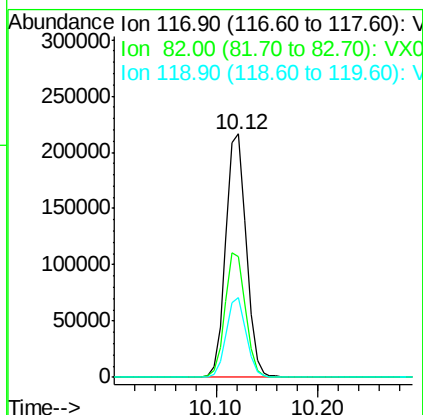
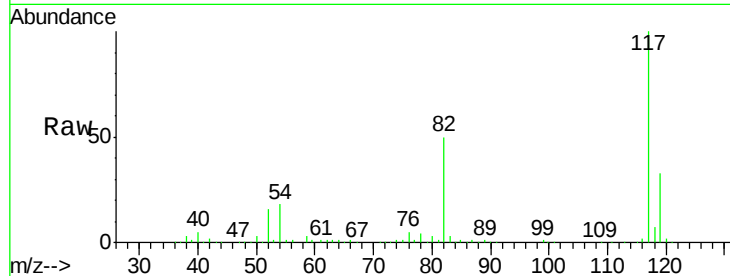




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001744.D
Acq: 15 May 2018 14:41

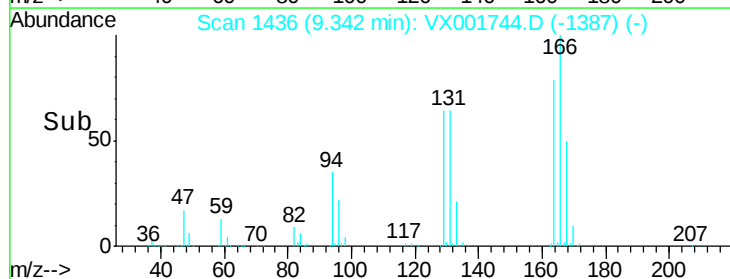
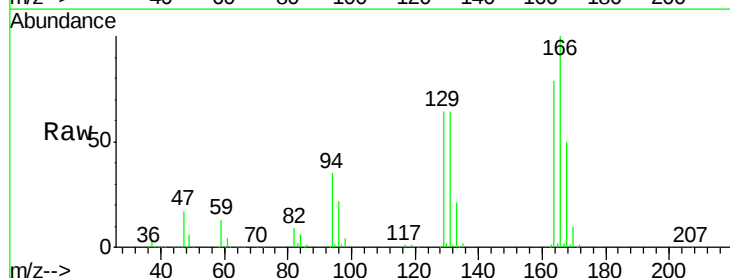
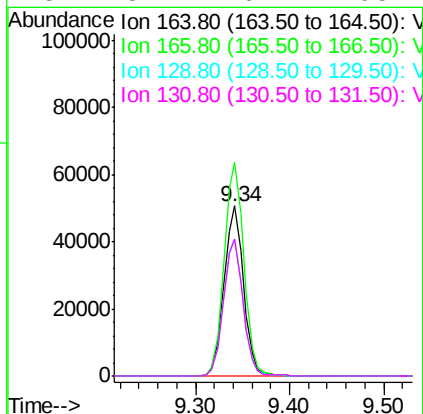
Instrument :
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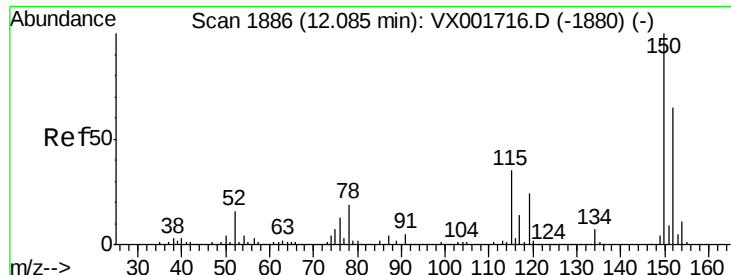
Tot Ion:117 Resp: 300822
Ion Ratio Lower Upper
117 100
82 49.8 41.4 62.2
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 18.53 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001744.D
Acq: 15 May 2018 14:41

Tgt Ion:164 Resp: 72577
Ion Ratio Lower Upper
164 100
166 125.9 101.8 152.8
129 80.8 63.8 95.6
131 81.1 62.2 93.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001744.D

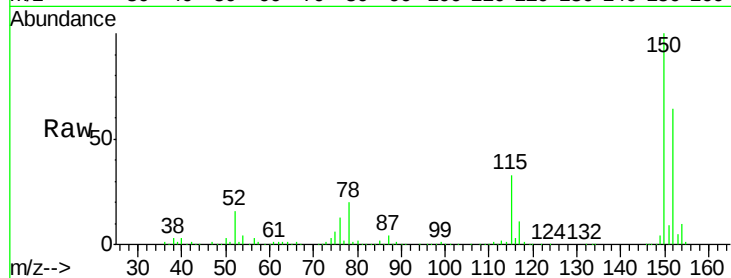
Acq: 15 May 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

KY062MW143-180503



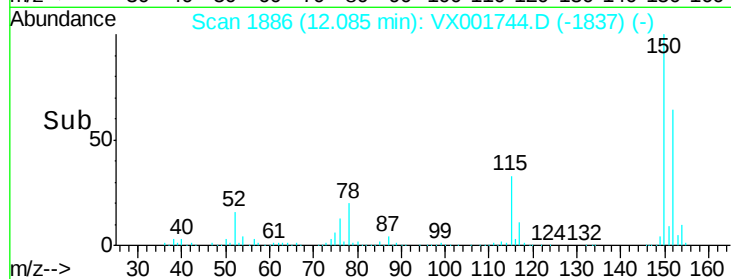
Tot Ion:152 Resp: 161127

Ion Ratio Lower Upper

152 100

115 51.4 37.4 112.2

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

