

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001667.D
 Acq On : 12 May 2018 15:23
 Operator : JC/MD
 Sample : J2741-01DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW309-180501DL

Quant Time: May 14 07:11:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

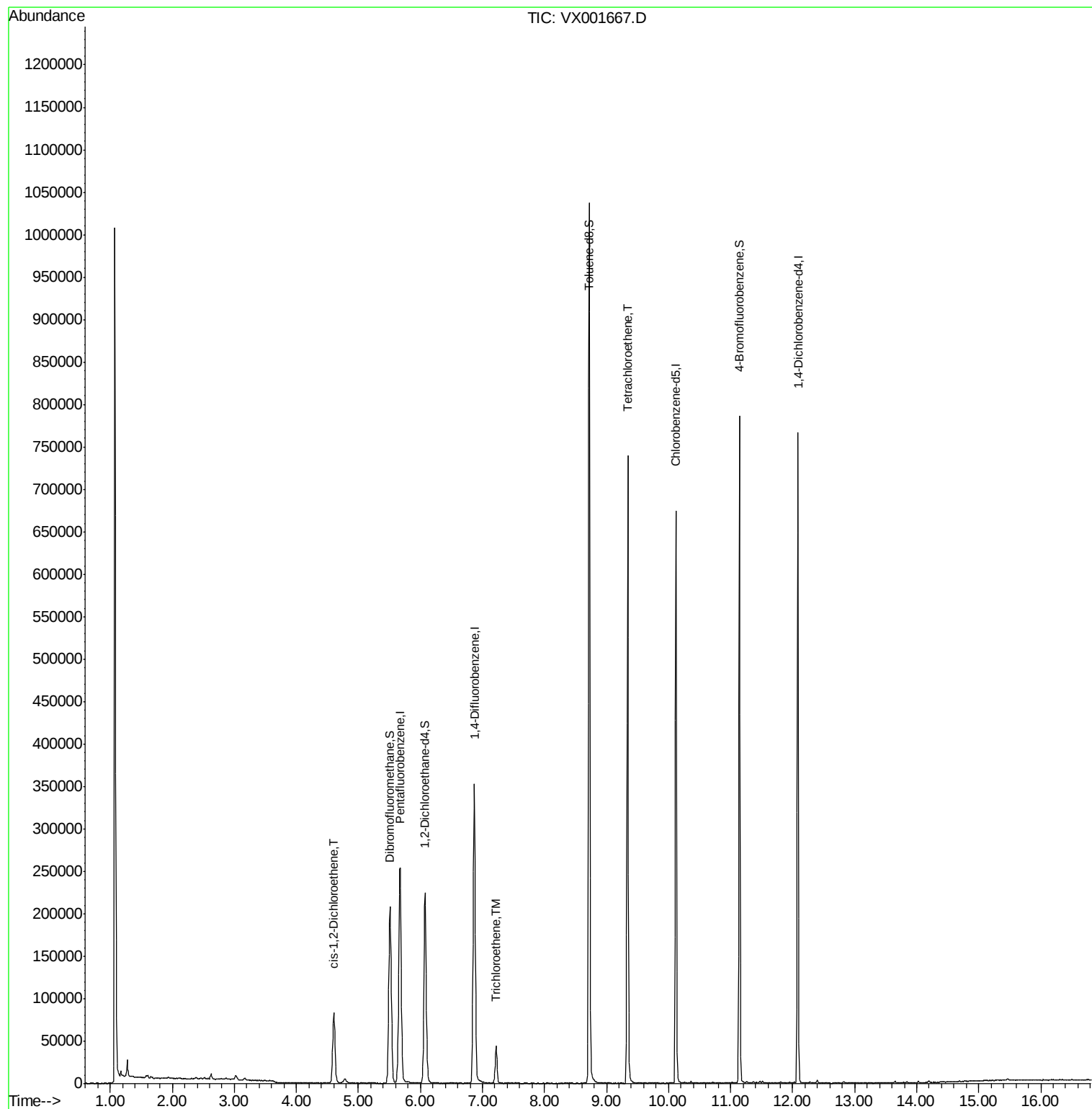
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	169178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	212849	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
35) Dibromofluoromethane	5.51	113	171645	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
50) Toluene-d8	8.72	98	607364	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.14	95	195965	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	52557	14.86	ug/l	87
44) Trichloroethene	7.22	130	17972	4.35	ug/l	100
64) Tetrachloroethene	9.34	164	159429	36.27	ug/l	99

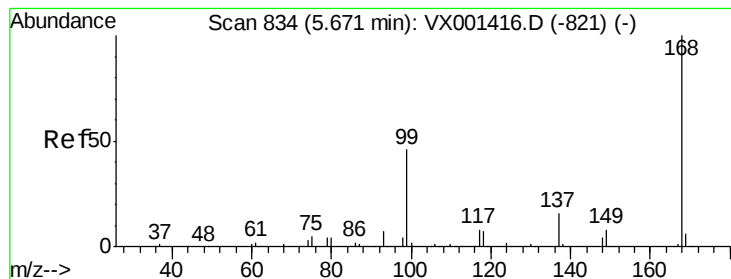
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001667.D

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ClientSampleId :

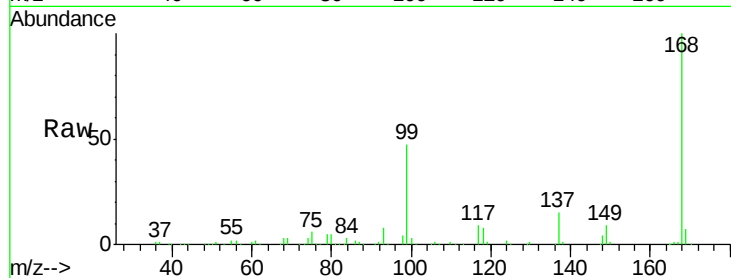
SS037MW309-180501DL

Tot Ion:168 Resp: 268914

Ion Ratio Lower Upper

168 100

99 46.7 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

40000

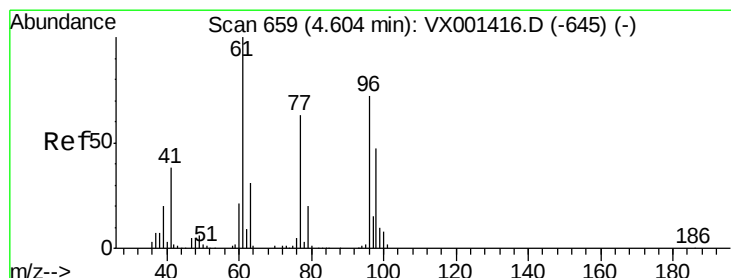
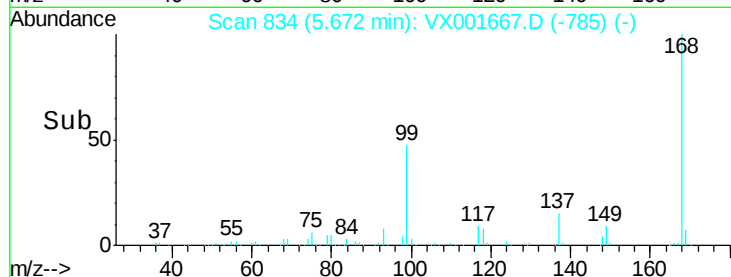
20000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#27

cis-1,2-Dichloroethene

Concen: 14.86 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001667.D

Acq: 12 May 2018 15:23

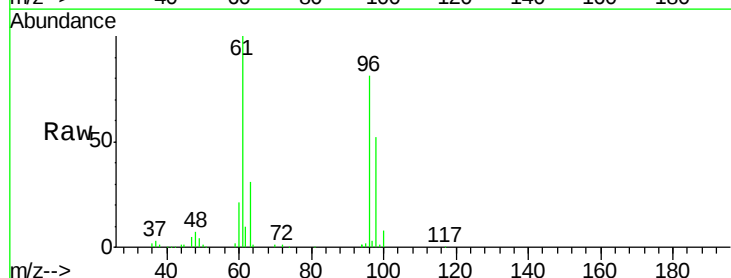
Tgt Ion: 96 Resp: 52557

Ion Ratio Lower Upper

96 100

61 128.2 0.0 301.6

98 64.2 0.0 131.6



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

30000

25000

20000

15000

10000

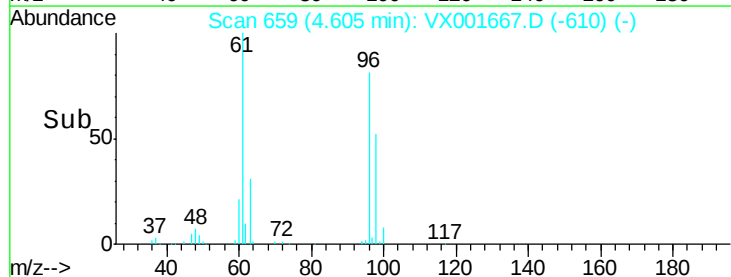
5000

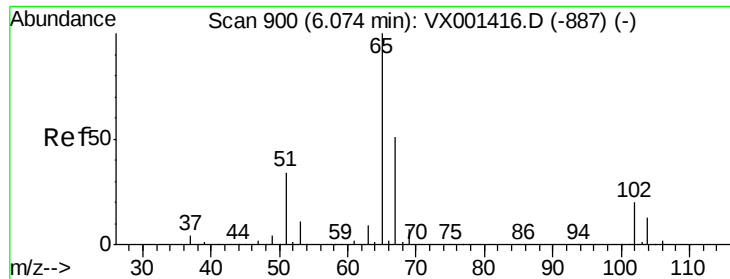
0

4.60

4.50 4.60 4.70

Time-->

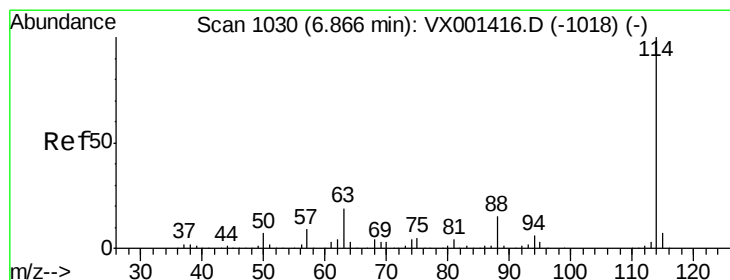
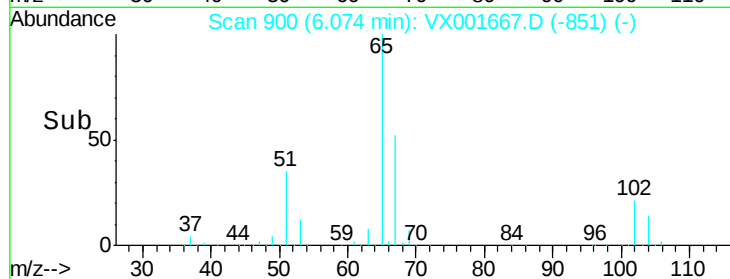
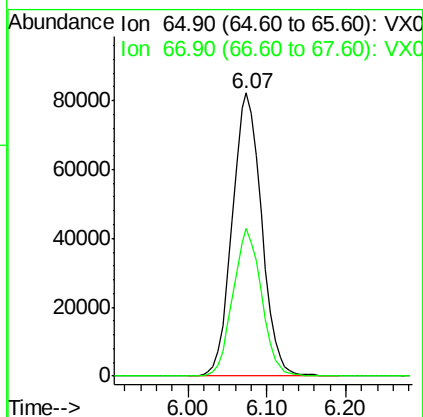
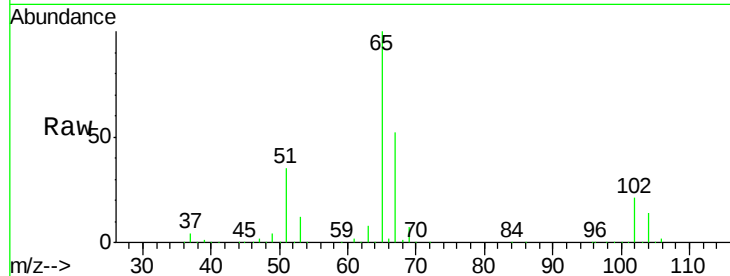




#33
 1,2-Dichloroethane-d4
 Concen: 55.07 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001667.D
 Acq: 12 May 2018 15:23

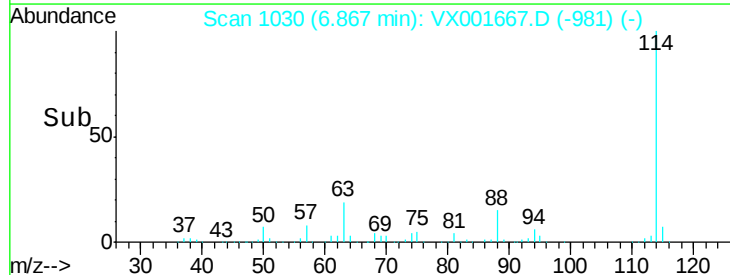
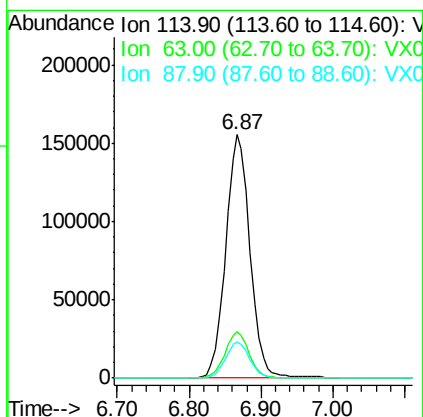
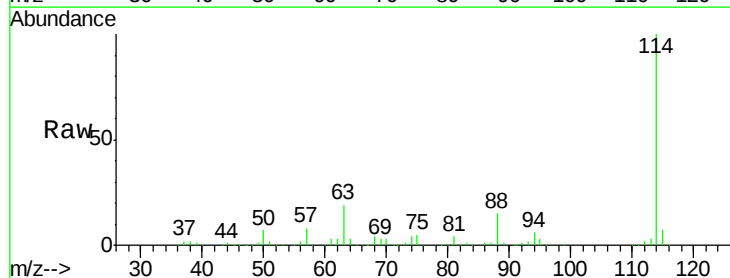
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW309-180501DL

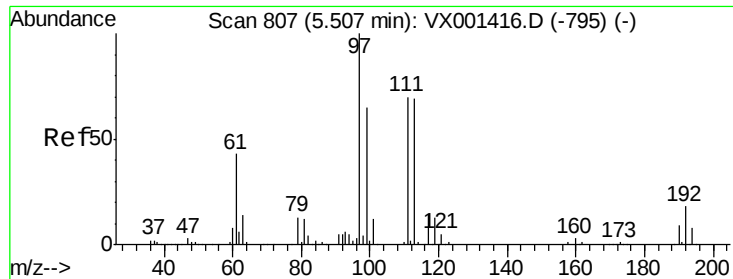
Tot Ion: 65 Resp: 212849
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001667.D
 Acq: 12 May 2018 15:23

Tgt Ion: 114 Resp: 363434
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 14.7 0.0 30.8

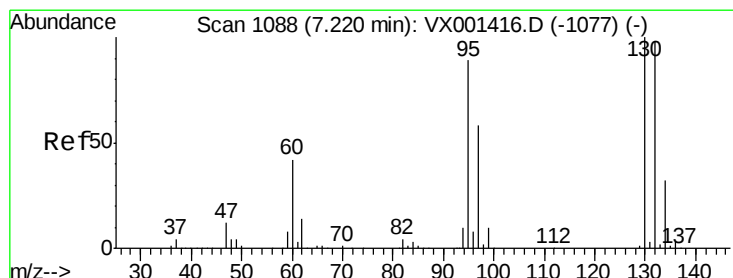
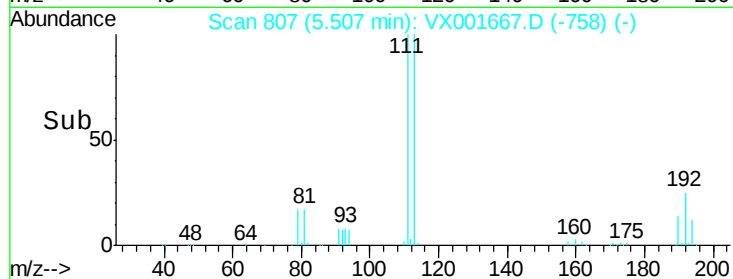
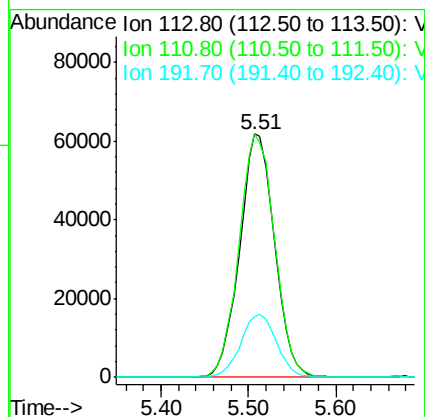
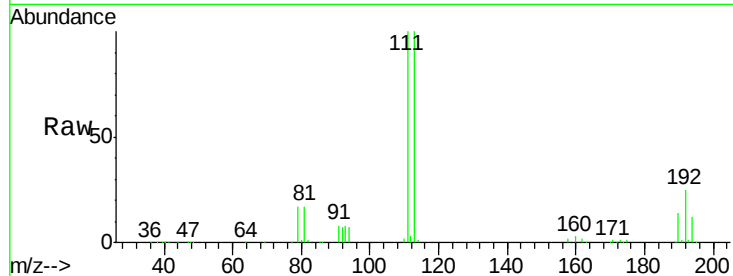




#35
 Dibromofluoromethane
 Concen: 53.10 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001667.D
 Acq: 12 May 2018 15:23

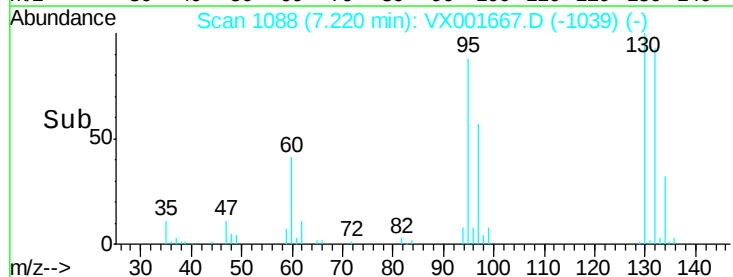
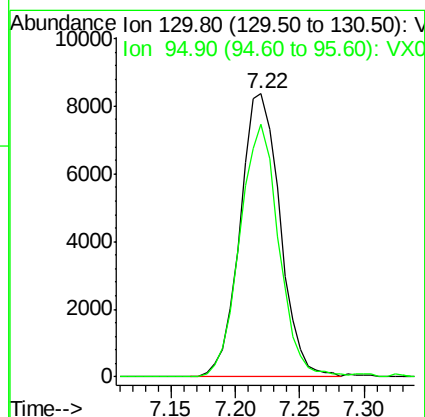
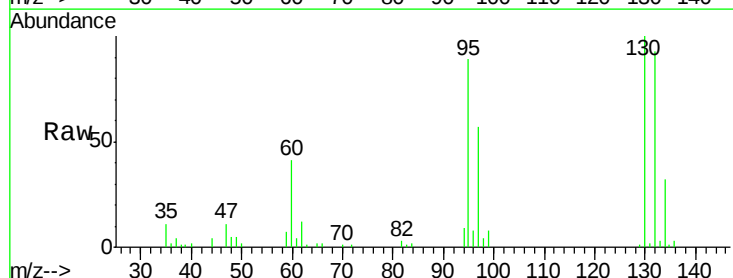
Instrument :
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 ClientSampleId :
 SS037MW309-180501DL

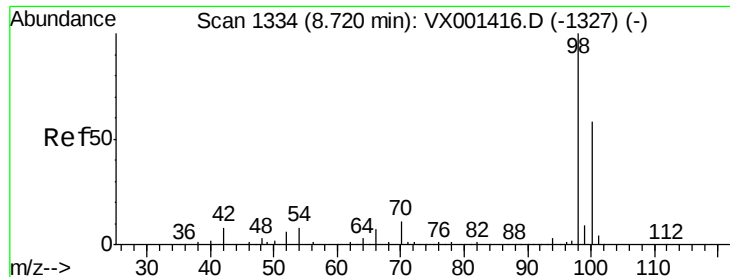
Tot Ion:113 Resp: 171645
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 26.5 21.4 32.0



#44
 Trichloroethene
 Concen: 4.35 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001667.D
 Acq: 12 May 2018 15:23

Tgt Ion:130 Resp: 17972
 Ion Ratio Lower Upper
 130 100
 95 89.4 0.0 178.4





#50

Toluene-d8

Concen: 51.47 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001667.D

Acq: 12 May 2018 15:23

Instrument :

MSVOA_X

ClientSampleId :

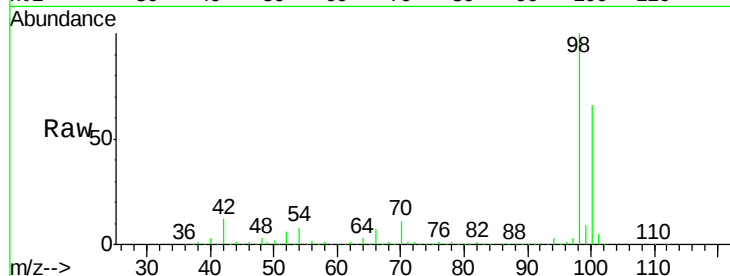
SS037MW309-180501DL

Tot Ion: 98 Resp: 607364

Ion Ratio Lower Upper

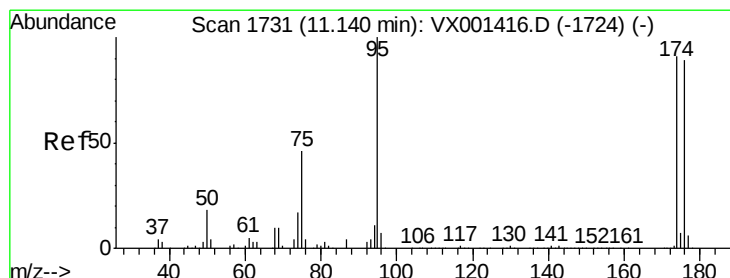
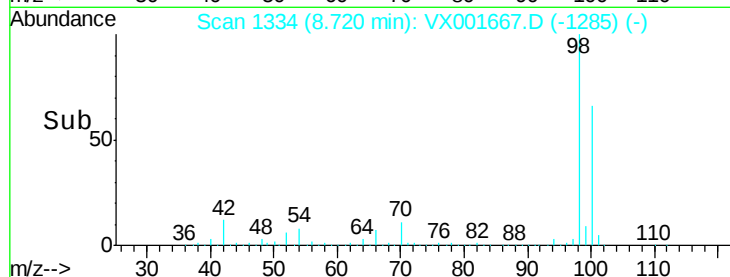
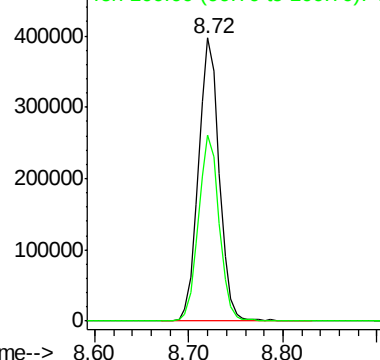
98 100

100 65.8 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001667.D

Acq: 12 May 2018 15:23

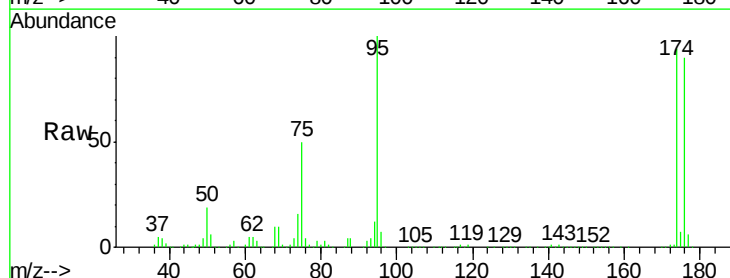
Tgt Ion: 95 Resp: 195965

Ion Ratio Lower Upper

95 100

174 101.3 0.0 202.0

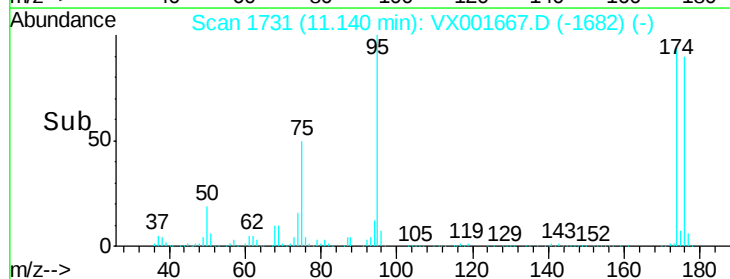
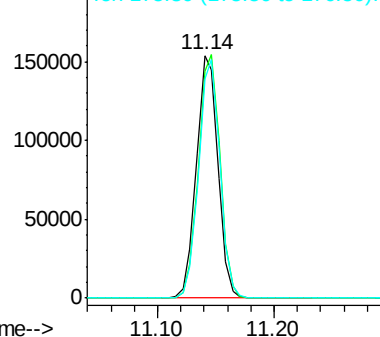
176 97.8 0.0 197.4

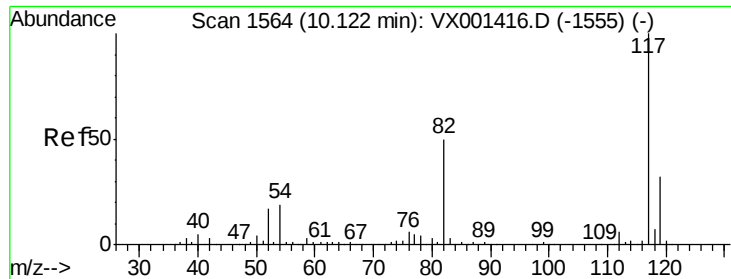


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

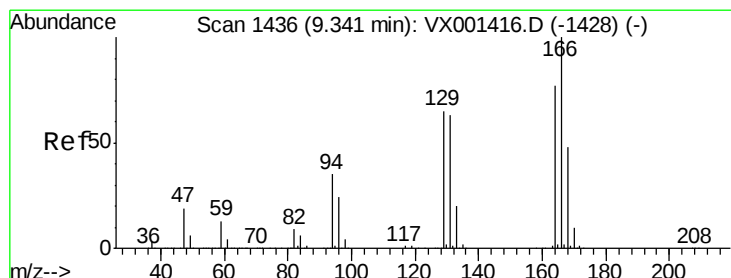
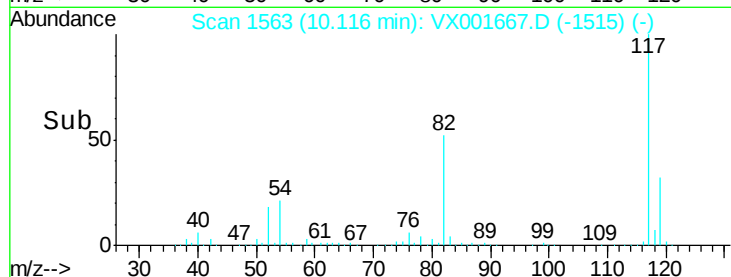
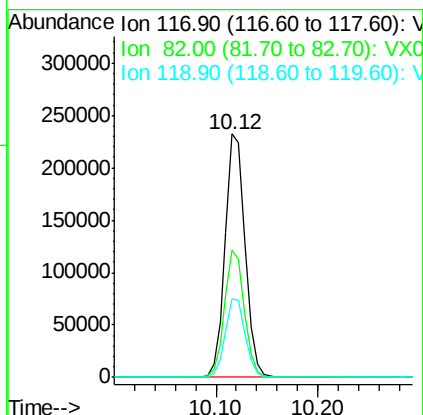
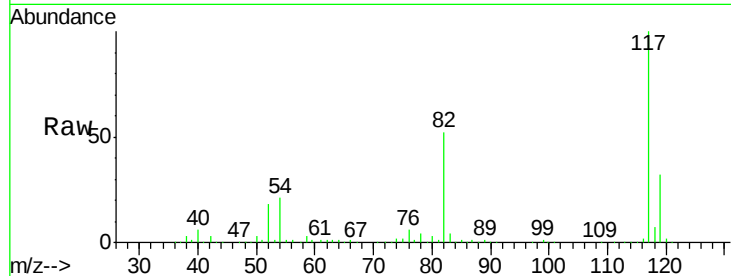




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001667.D
Acq: 12 May 2018 15:23

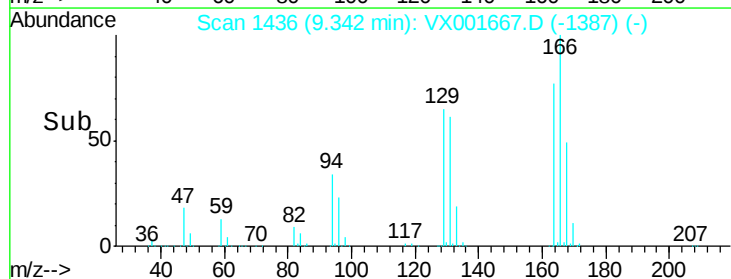
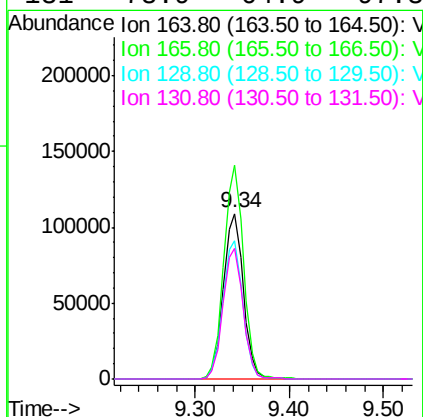
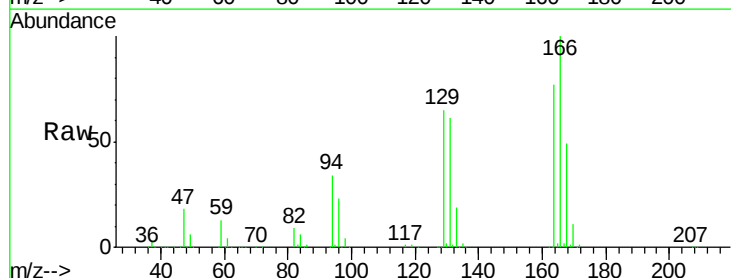
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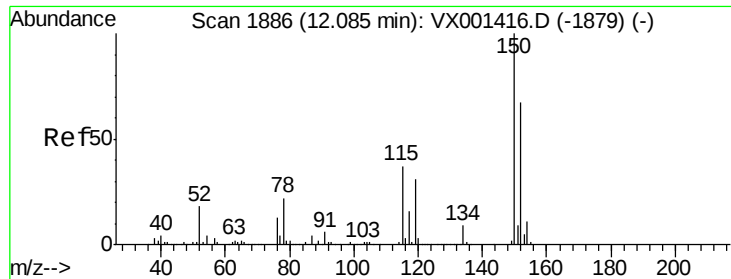
Tot Ion:117 Resp: 315396
Ion Ratio Lower Upper
117 100
82 52.0 40.0 60.0
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 36.27 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001667.D
Acq: 12 May 2018 15:23

Tgt Ion:164 Resp: 159429
Ion Ratio Lower Upper
164 100
166 129.1 103.5 155.3
129 83.3 66.7 100.1
131 78.9 64.9 97.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001667.D

Acq: 12 May 2018 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS037MW309-180501DL

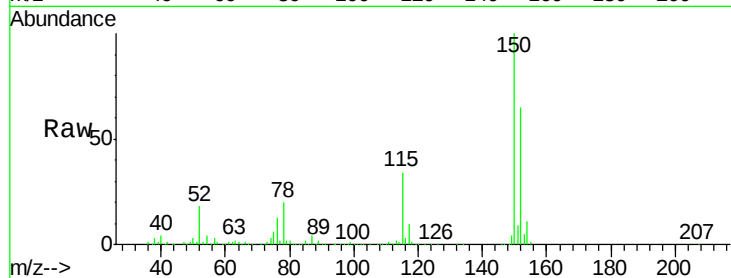
Tot Ion:152 Resp: 169178

Ion Ratio Lower Upper

152 100

115 51.7 37.7 113.1

150 154.0 0.0 349.4



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

