

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001663.D
 Acq On : 12 May 2018 13:36
 Operator : JC/MD
 Sample : J2741-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW167-180502

Quant Time: May 14 06:44:02 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

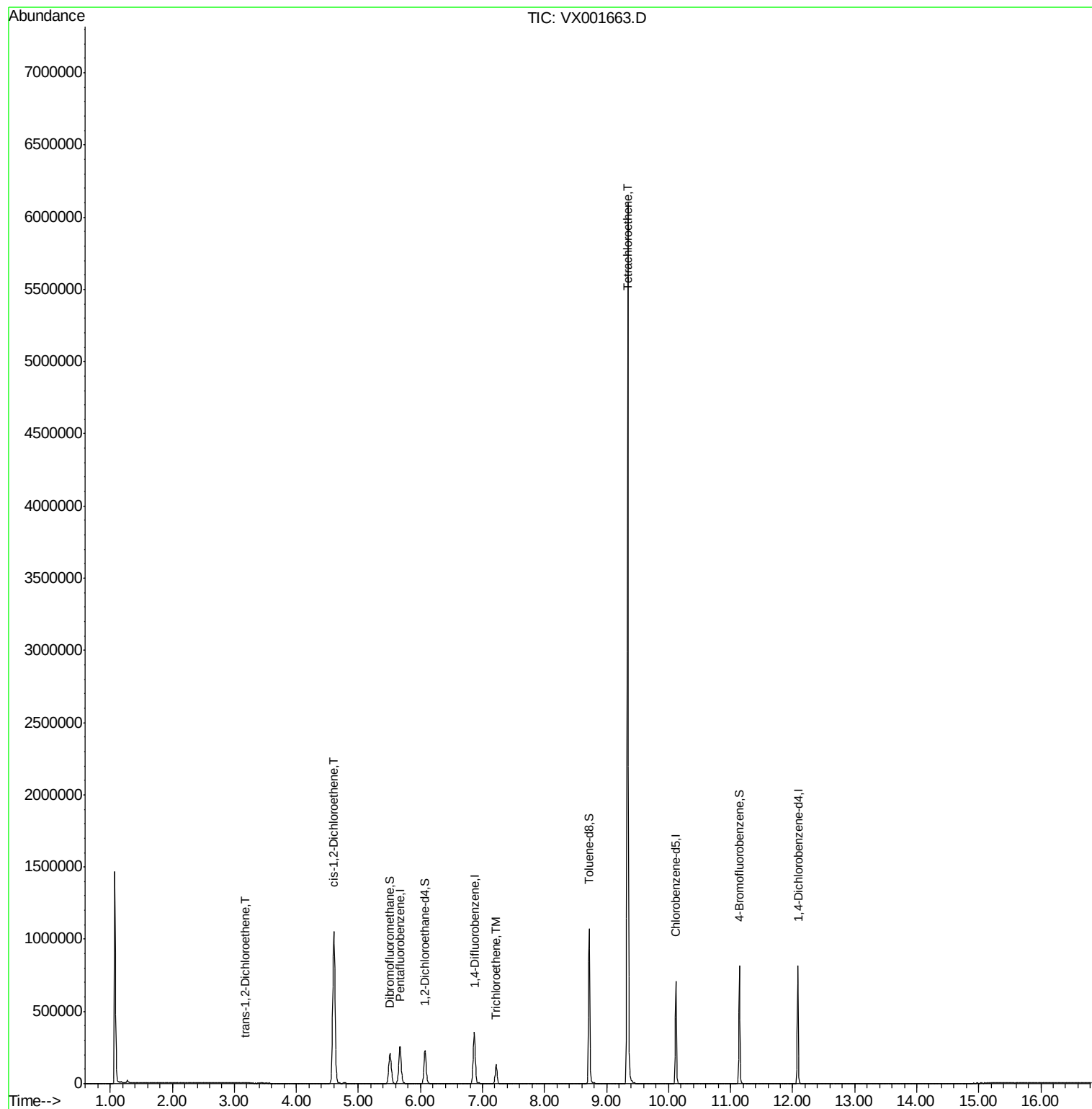
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	370770	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	176838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	220273	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.00%	
35) Dibromofluoromethane	5.51	113	175963	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
50) Toluene-d8	8.72	98	626301	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.14	95	206316	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	2221	0.65	ug/l	88
27) cis-1,2-Dichloroethene	4.60	96	685991	188.89	ug/l	85
44) Trichloroethene	7.22	130	54596	12.97	ug/l	99
64) Tetrachloroethene	9.34	164	1277031	279.60	ug/l	99

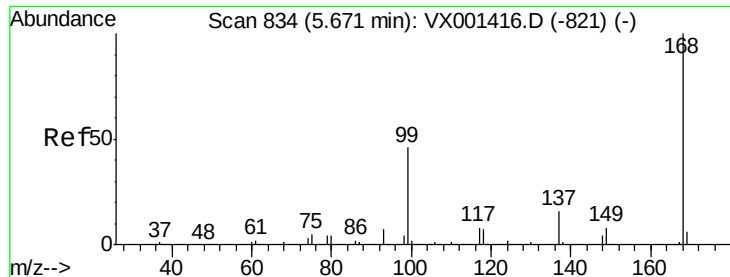
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001663.D

Acq: 12 May 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

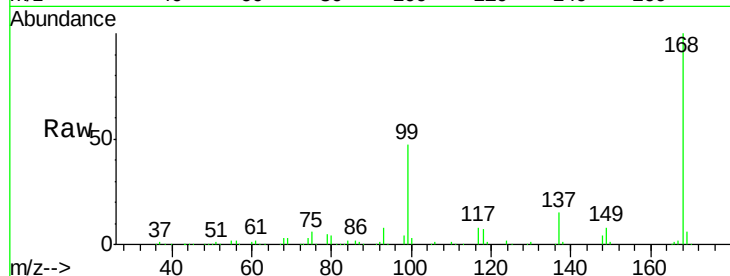
ST008MW167-180502

Tot Ion:168 Resp: 276135

Ion Ratio Lower Upper

168 100

99 47.4 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

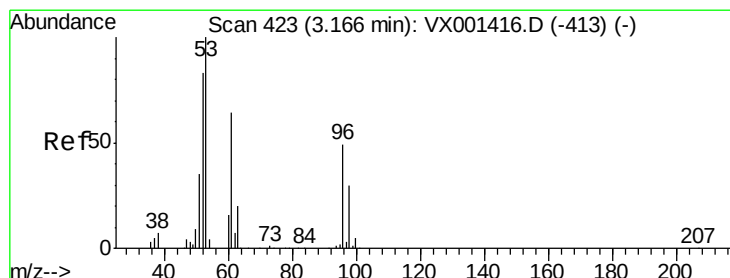
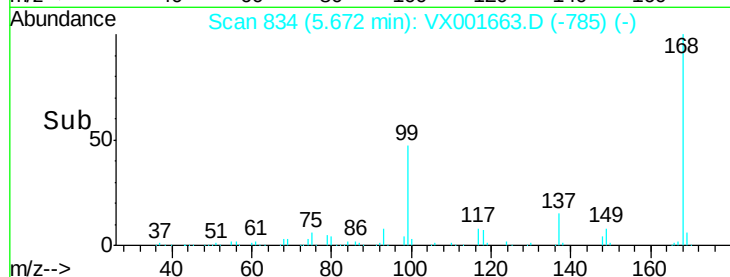
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#21

trans-1,2-Dichloroethene

Concen: 0.65 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001663.D

Acq: 12 May 2018 13:36

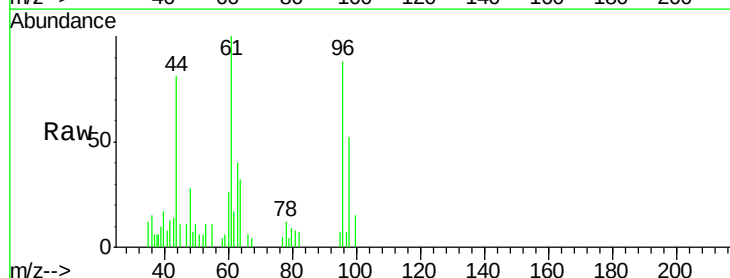
Tgt Ion: 96 Resp: 2221

Ion Ratio Lower Upper

96 100

61 113.2 105.0 157.4

98 59.3 49.9 74.9



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

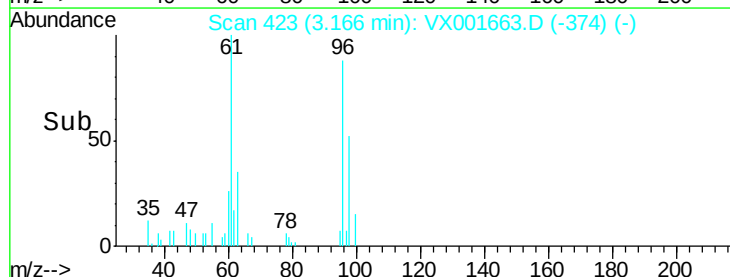
1500

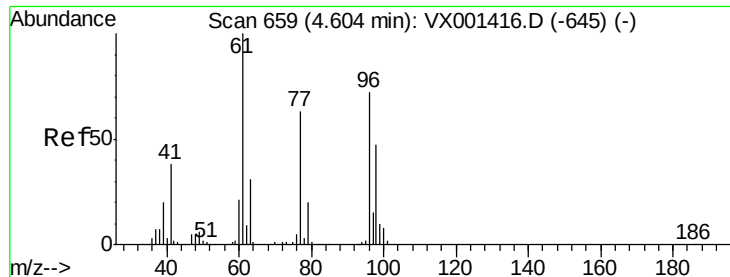
1000

500

0

Time--> 3.10 3.15 3.20 3.25





#27

cis-1,2-Dichloroethene

Concen: 188.89 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001663.D

Acq: 12 May 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

ST008MW167-180502

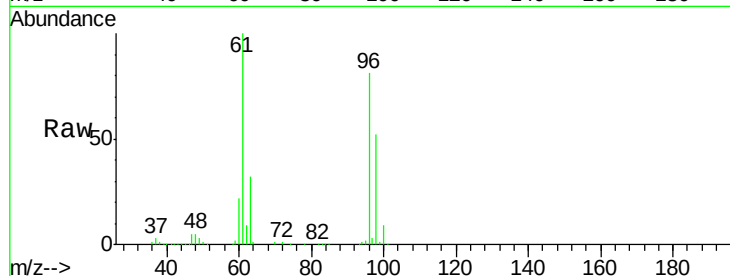
Tot Ion: 96 Resp: 685991

Ion Ratio Lower Upper

96 100

61 125.1 0.0 301.6

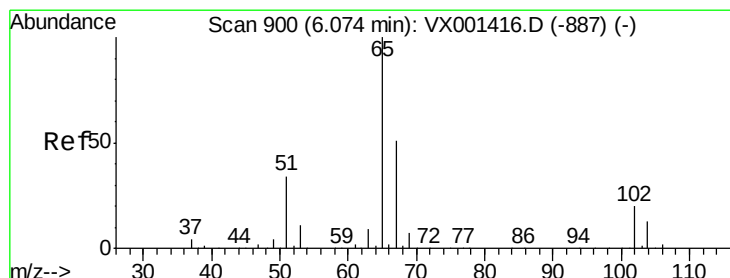
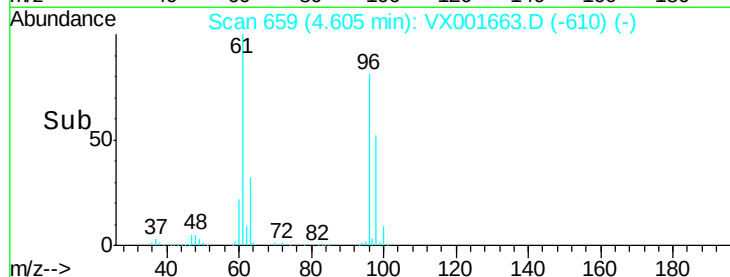
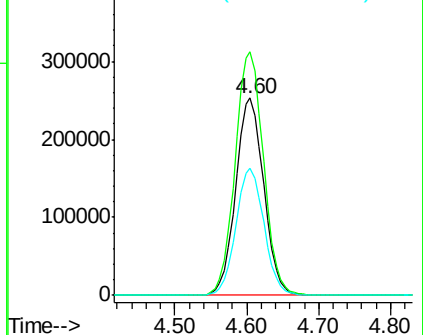
98 64.4 0.0 131.6



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



#33

1,2-Dichloroethane-d4

Concen: 55.50 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001663.D

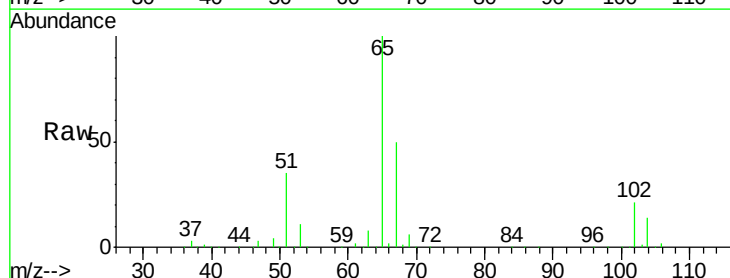
Acq: 12 May 2018 13:36

Tgt Ion: 65 Resp: 220273

Ion Ratio Lower Upper

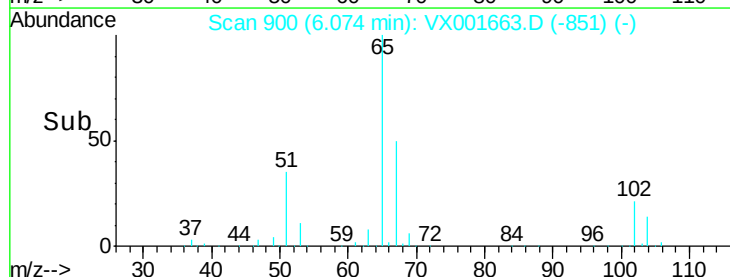
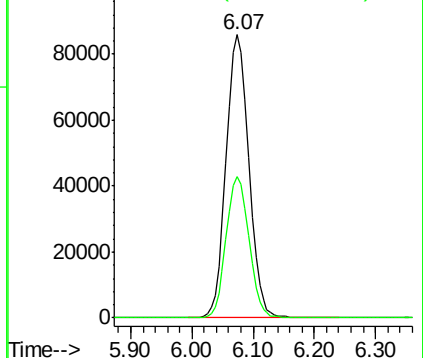
65 100

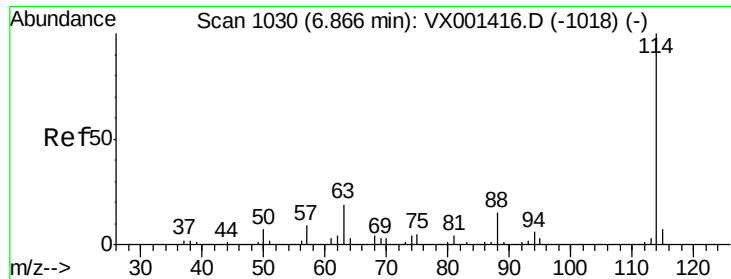
67 50.3 0.0 101.8



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: VX001663.D

Acq: 12 May 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

ST008MW167-180502

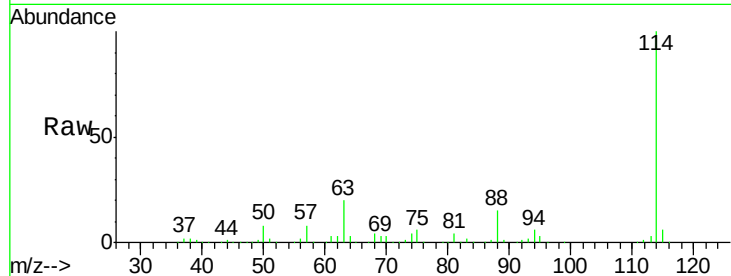
Tot Ion:114 Resp: 370770

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

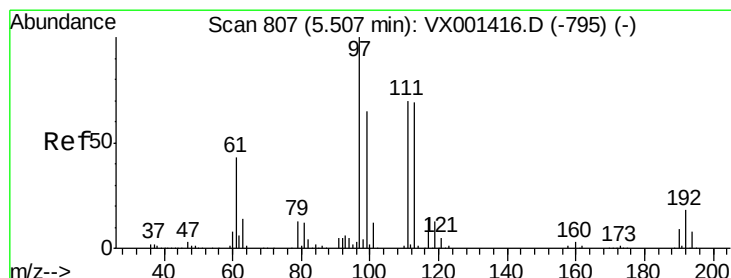
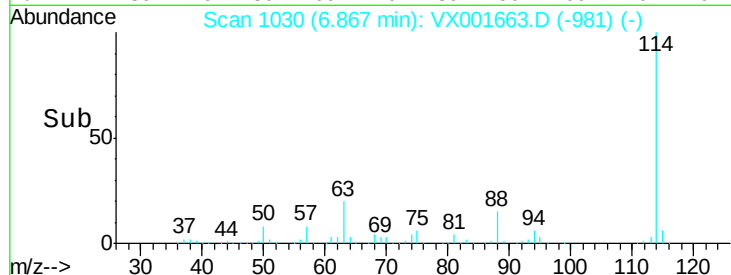
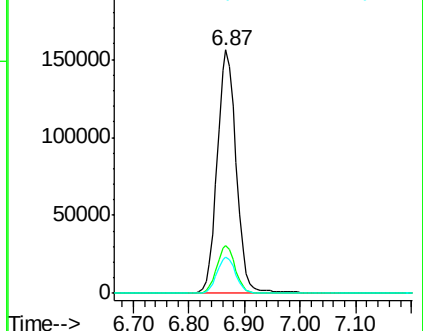
88 14.9 0.0 30.8



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: 53.36 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001663.D

Acq: 12 May 2018 13:36

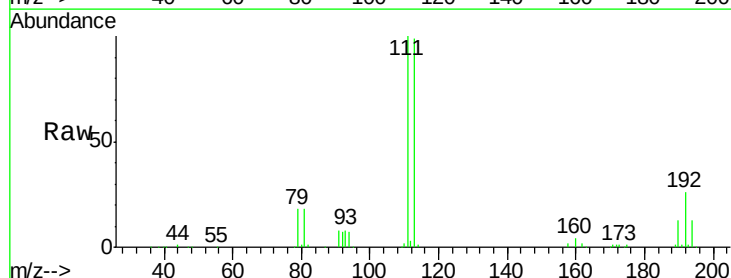
Tgt Ion:113 Resp: 175963

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

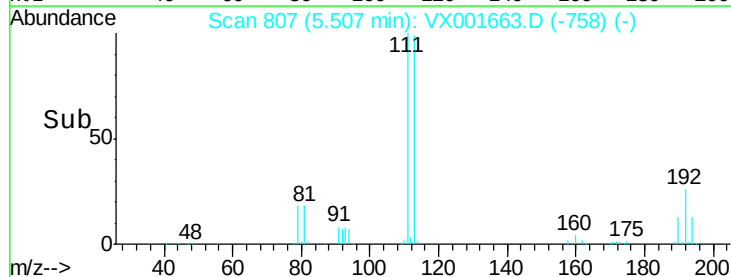
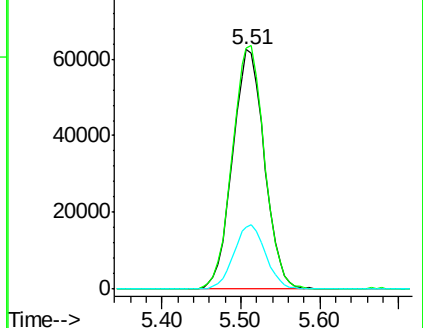
192 26.8 21.4 32.0

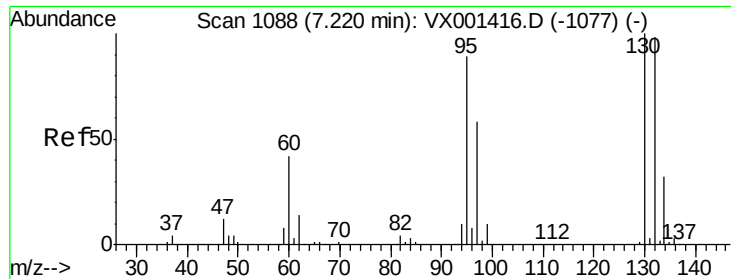


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

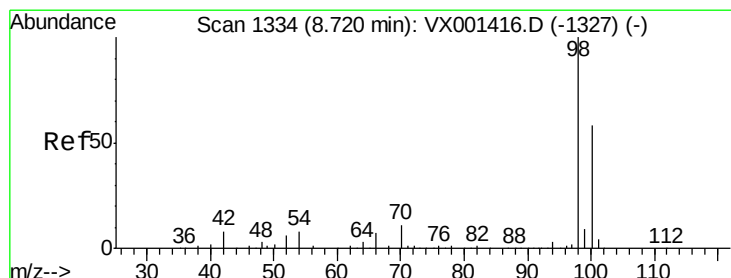
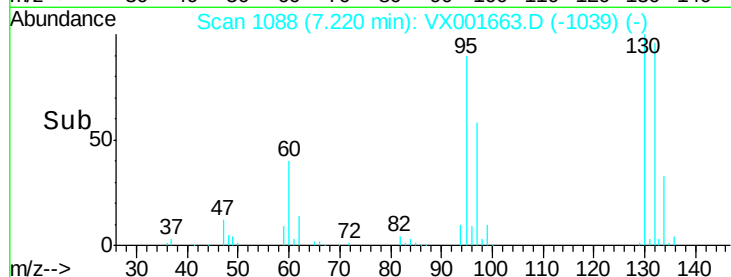
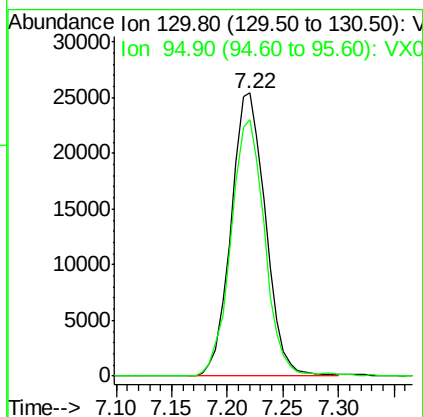
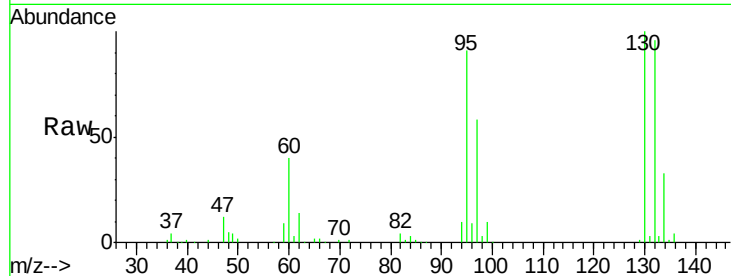




#44
 Trichloroethene
 Concen: 12.97 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001663.D
 Acq: 12 May 2018 13:36

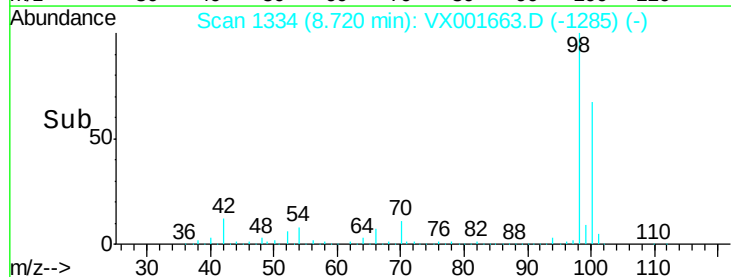
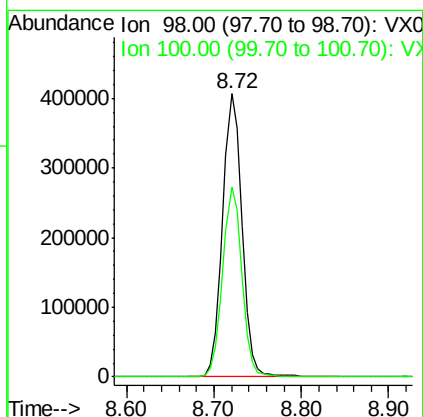
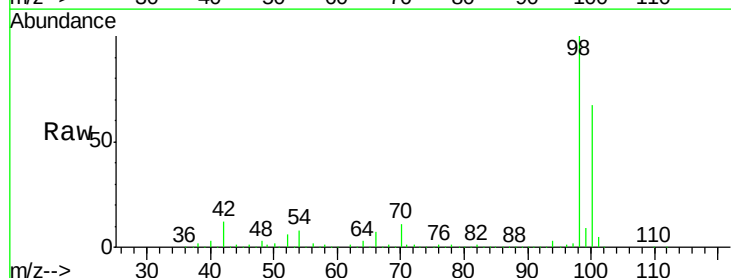
Instrument :
 MSVOA_X
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 ST008MW167-180502

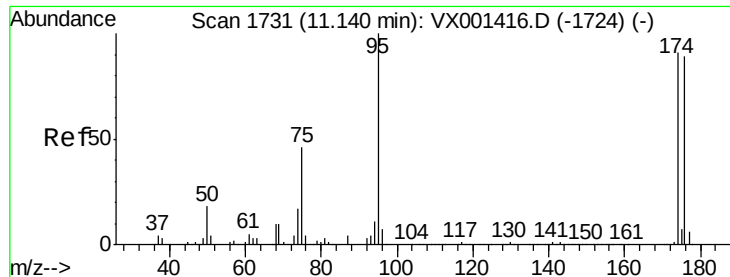
Tot Ion:130 Resp: 54596
 Ion Ratio Lower Upper
 130 100
 95 90.5 0.0 178.4



#50
 Toluene-d8
 Concen: 52.03 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001663.D
 Acq: 12 May 2018 13:36

Tgt Ion: 98 Resp: 626301
 Ion Ratio Lower Upper
 98 100
 100 66.4 54.0 81.0

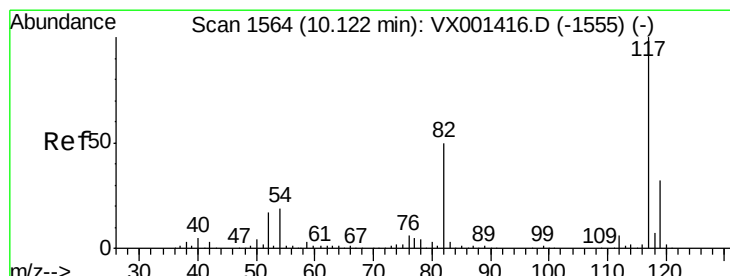
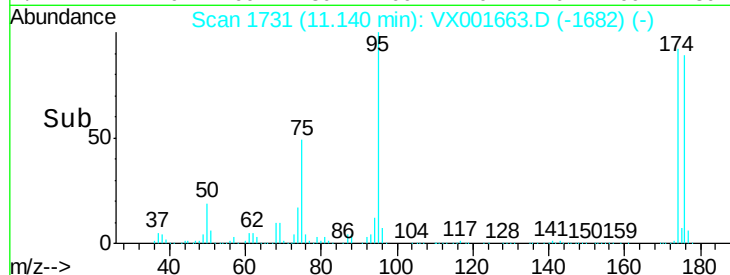
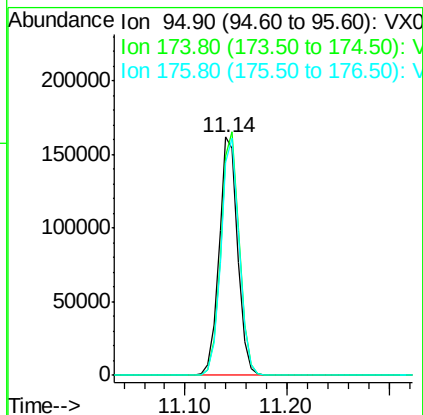
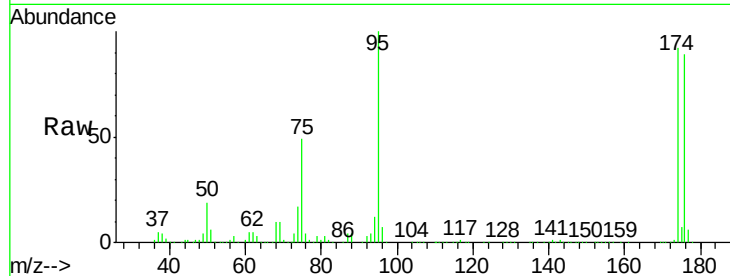




#62
4-Bromofluorobenzene
Concen: 44.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001663.D
Acq: 12 May 2018 13:36

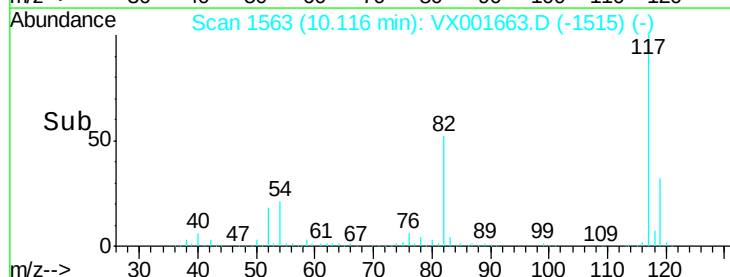
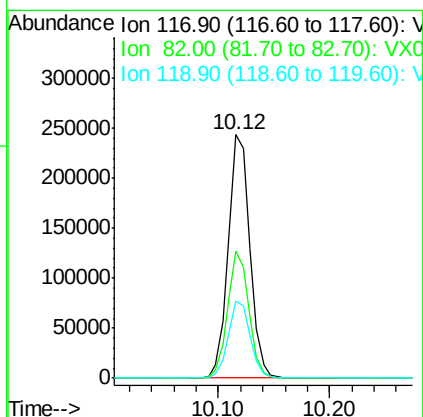
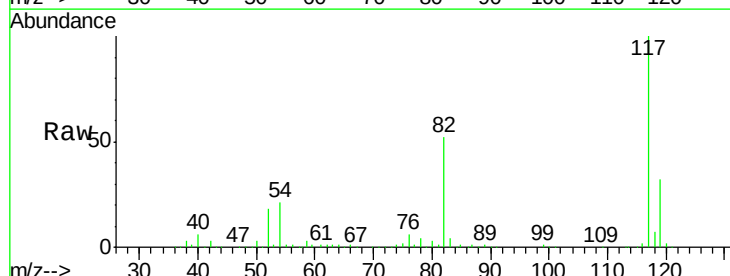
Instrument :
MSVOA_X
ClientSampleId :
ST008MW167-180502

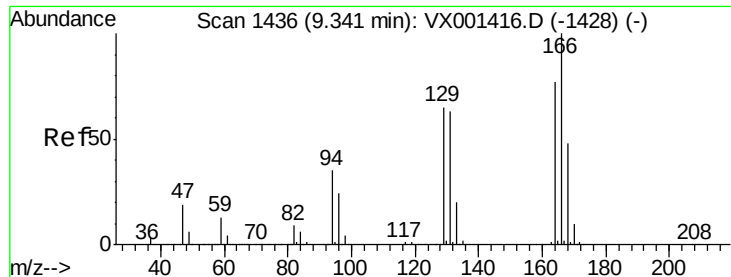
Tot Ion: 95 Resp: 206316
Ion Ratio Lower Upper
95 100
174 101.0 0.0 202.0
176 97.8 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001663.D
Acq: 12 May 2018 13:36

Tgt Ion: 117 Resp: 327682
Ion Ratio Lower Upper
117 100
82 52.1 40.0 60.0
119 31.9 25.8 38.8

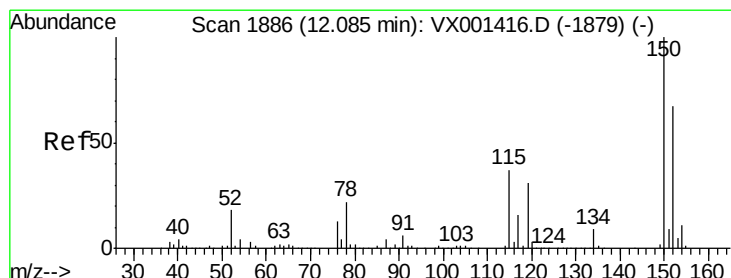
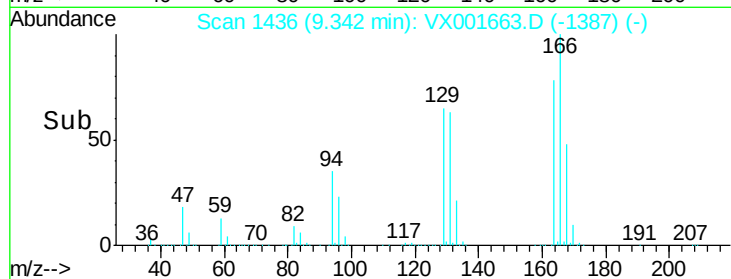
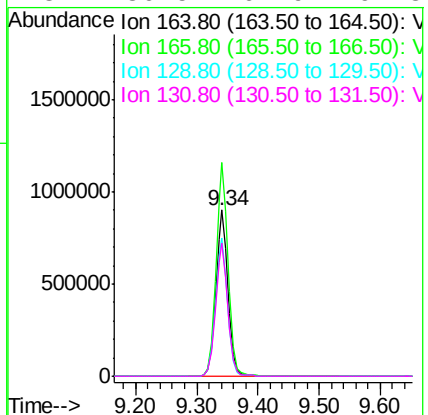
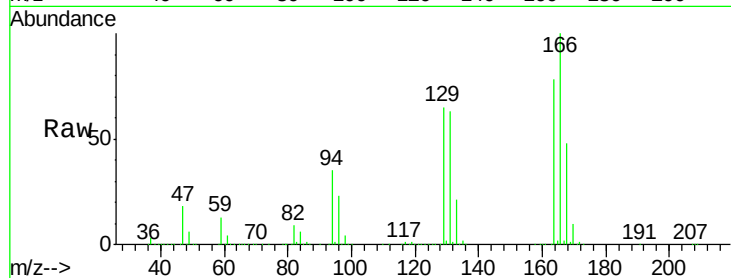




#64
Tetrachloroethene
Concen: 279.60 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001663.D
Acq: 12 May 2018 13:36

Instrument :
MSVOA_X
ClientSampleId :
ST008MW167-180502

Tot Ion:164 Resp: 1277031
Ion Ratio Lower Upper
164 100
166 128.6 103.5 155.3
129 83.0 66.7 100.1
131 80.5 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: VX001663.D
Acq: 12 May 2018 13:36

Tgt Ion:152 Resp: 176838
Ion Ratio Lower Upper
152 100
115 52.4 37.7 113.1
150 156.4 0.0 349.4

