

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002147.D
 Acq On : 30 May 2018 19:58
 Operator : JC/MD
 Sample : J3165-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23

Quant Time: May 31 04:20:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

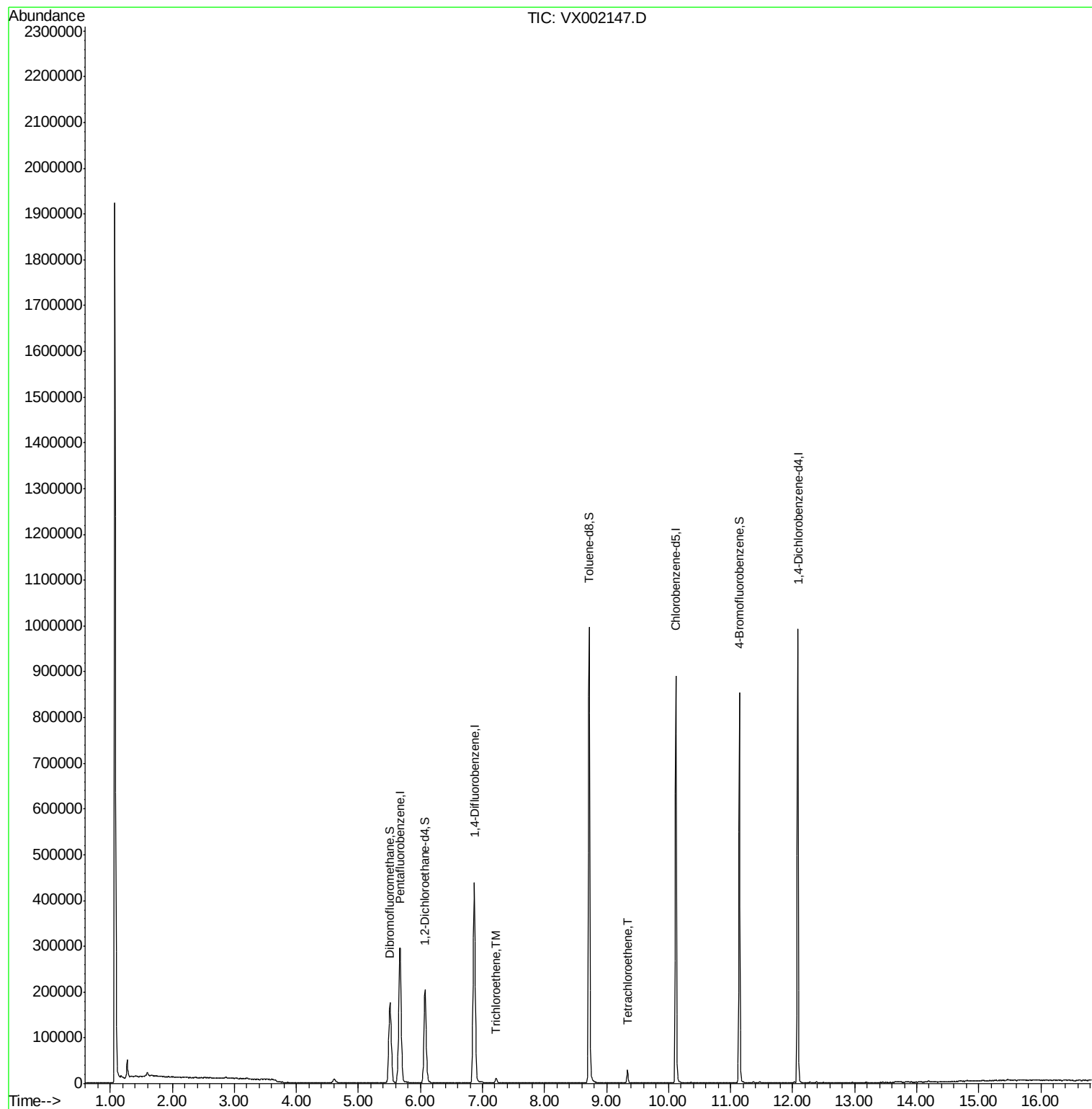
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	431058	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	383651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	204593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192231	35.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.26%	
35) Dibromofluoromethane	5.51	113	145606	33.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.56%	
50) Toluene-d8	8.72	98	578625	37.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.16%	
62) 4-Bromofluorobenzene	11.14	95	203963	33.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.80%	
Target Compounds						
44) Trichloroethene	7.23	130	3856	0.75	ug/l	79
64) Tetrachloroethene	9.34	164	5399	0.98	ug/l	98

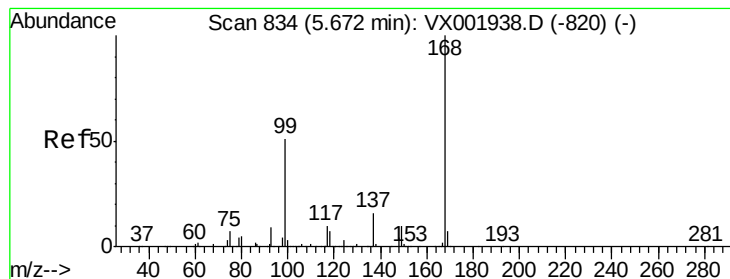
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002147.D

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Instrument :

MSVOA_X

ClientSampleId :

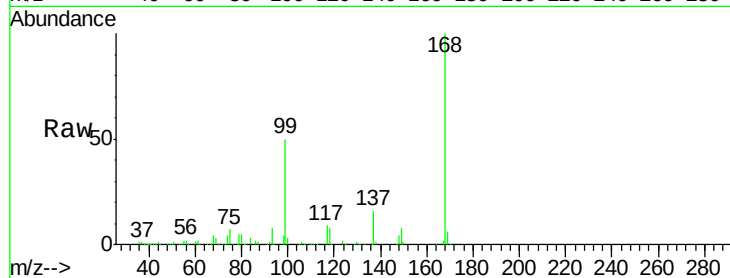
MW-23

Tot Ion:168 Resp: 301849

Ion Ratio Lower Upper

168 100

99 49.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

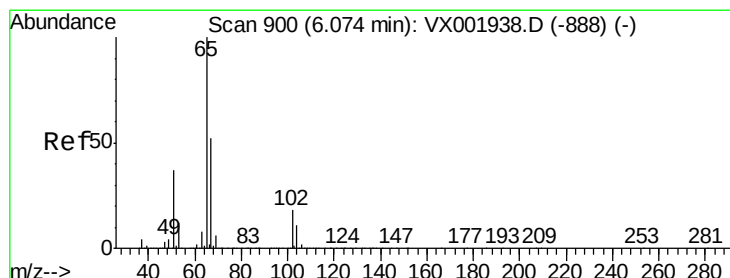
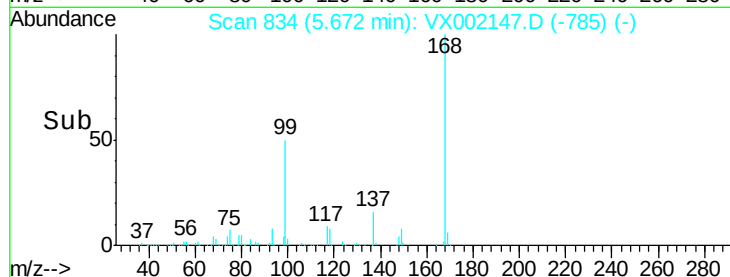
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 35.63 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002147.D

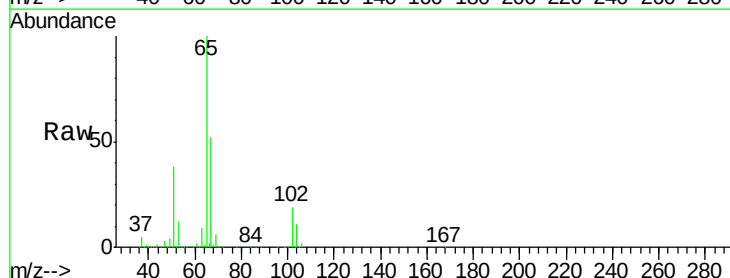
Acq: 30 May 2018 19:58

Tgt Ion: 65 Resp: 192231

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

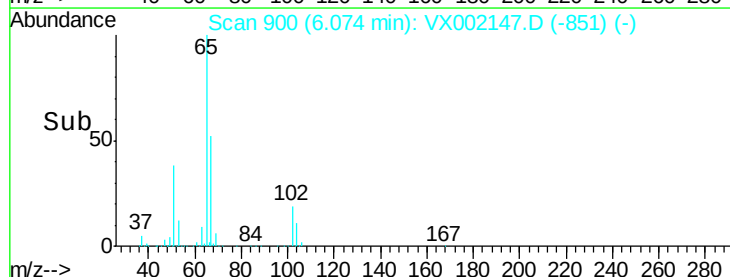
60000

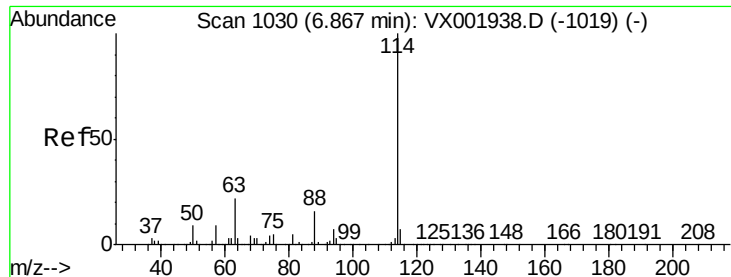
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002147.D

Acq: 30 May 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

MW-23

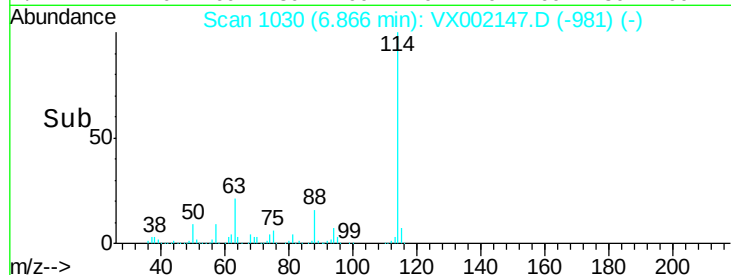
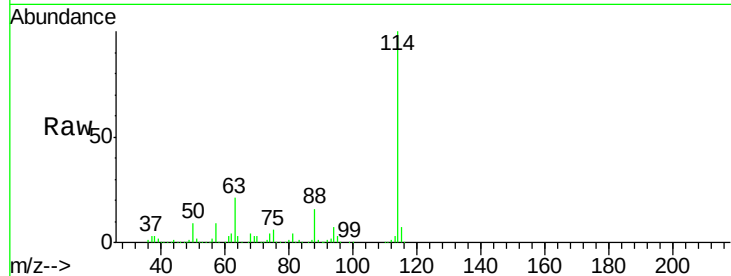
Tot Ion:114 Resp: 431058

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

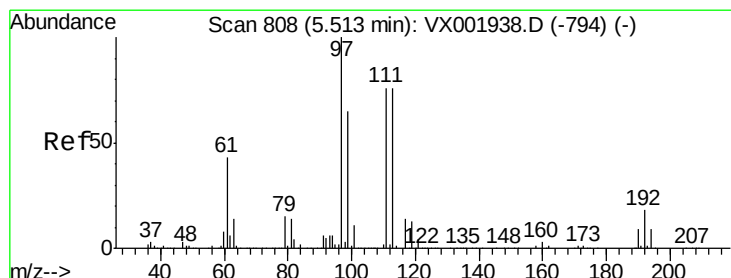
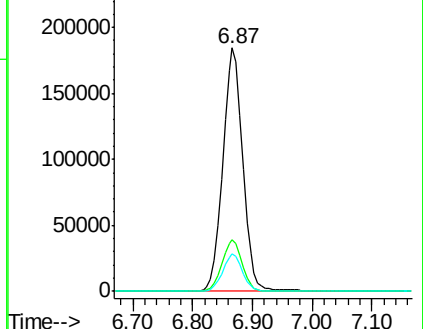
88 15.6 0.0 31.6



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: 33.78 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002147.D

Acq: 30 May 2018 19:58

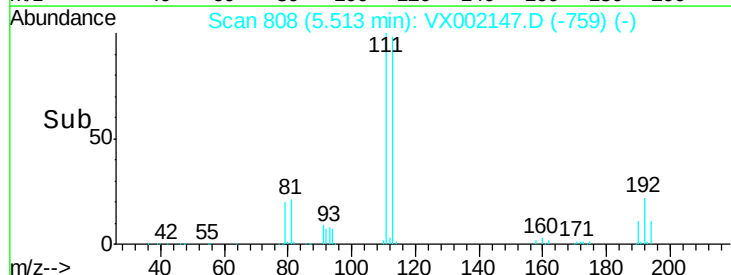
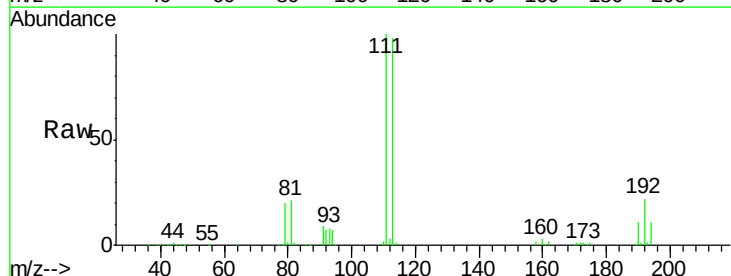
Tgt Ion:113 Resp: 145606

Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

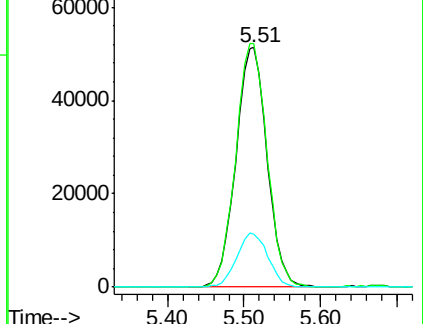
192 22.7 18.9 28.3

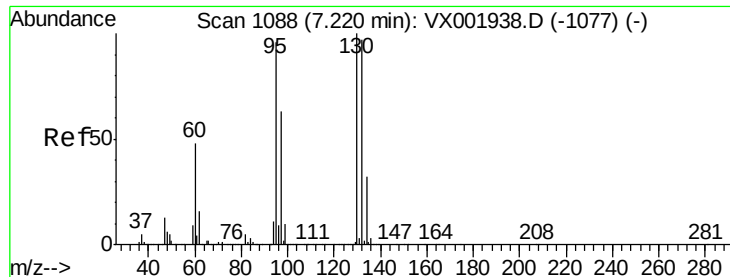


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.75 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX002147.D

Acq: 30 May 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

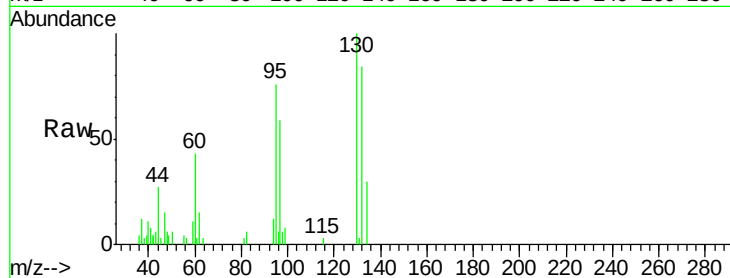
MW-23

Tot Ion:130 Resp: 3856

Ion Ratio Lower Upper

130 100

95 76.0 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.23

2000

1500

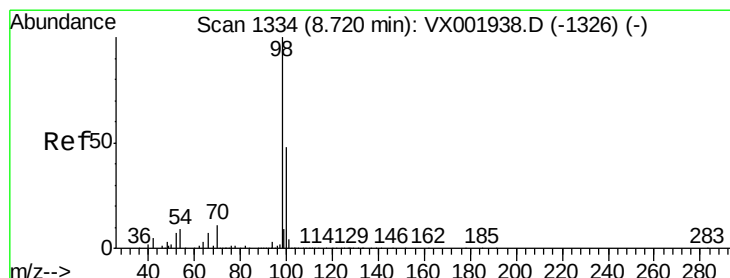
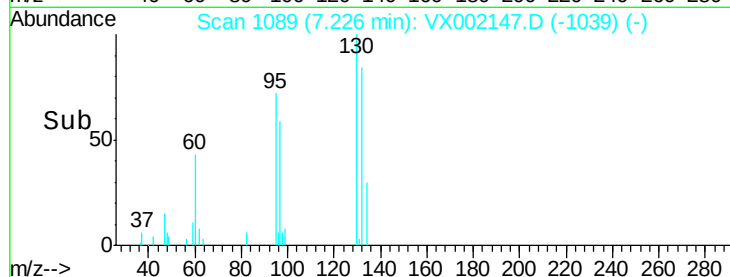
1000

500

0

7.15 7.20 7.25

Time-->



#50

Toluene-d8

Concen: 37.08 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002147.D

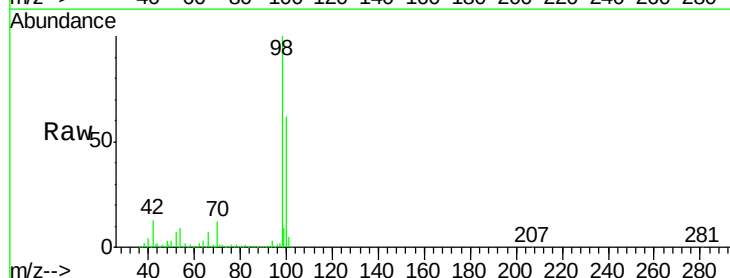
Acq: 30 May 2018 19:58

Tgt Ion: 98 Resp: 578625

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

400000

300000

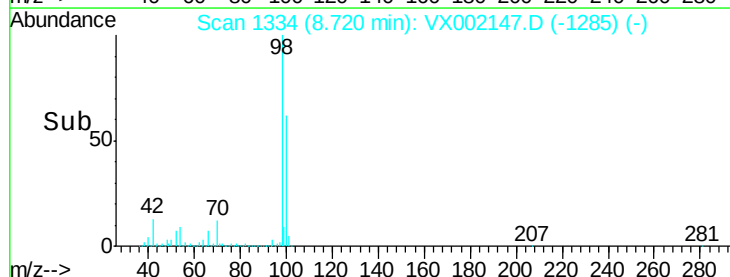
200000

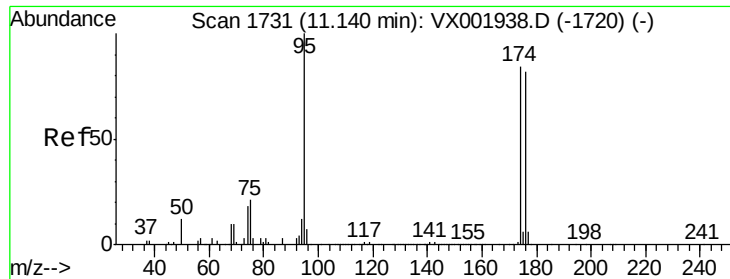
100000

0

8.60 8.70 8.80 8.90

Time-->

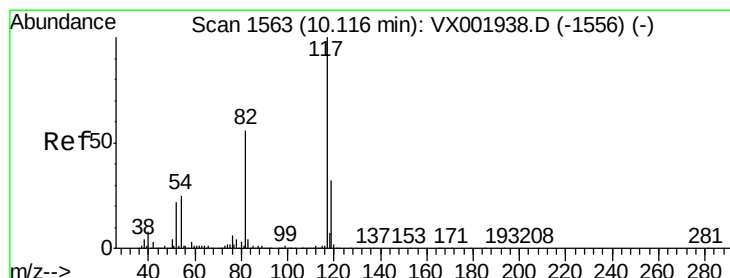
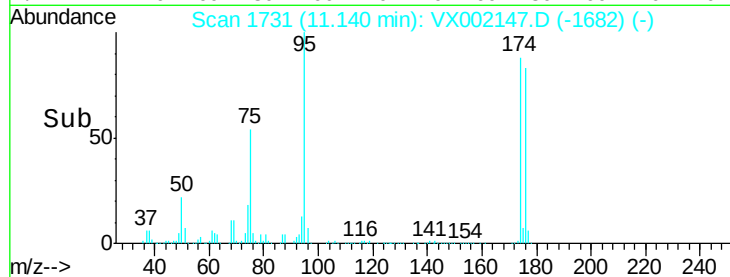
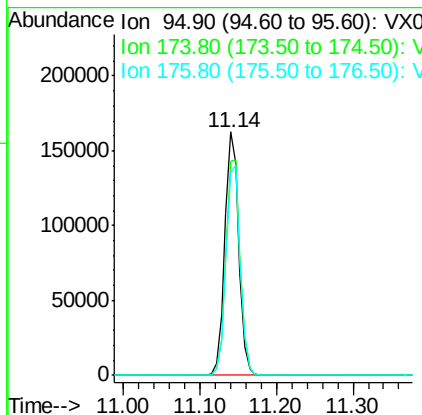
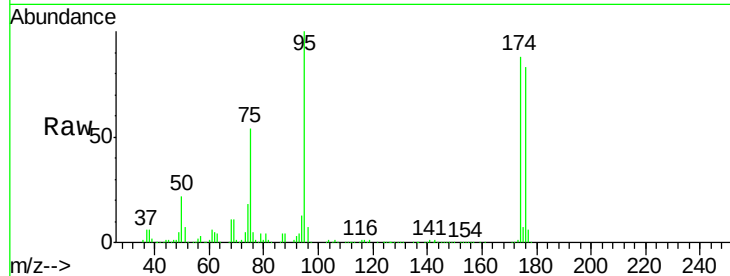




#62
4-Bromofluorobenzene
Concen: 33.40 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002147.D
Acq: 30 May 2018 19:58

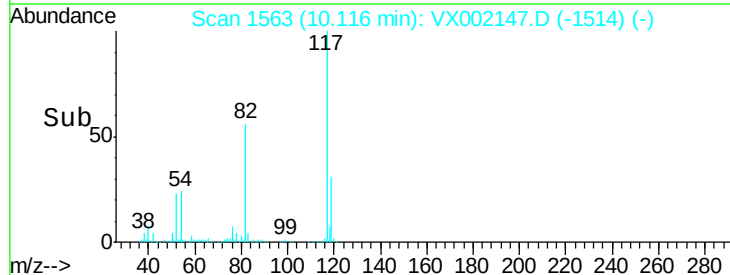
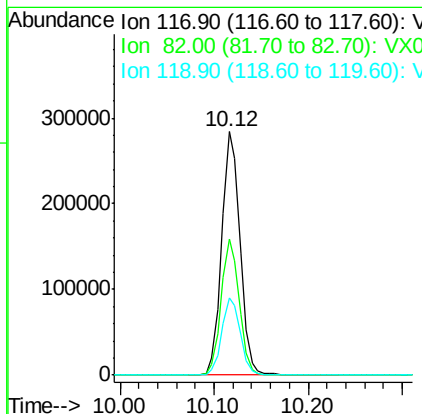
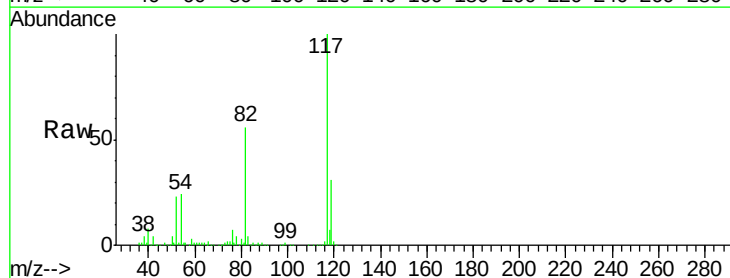
Instrument :
MSVOA_X
ClientSampleId :
MW-23

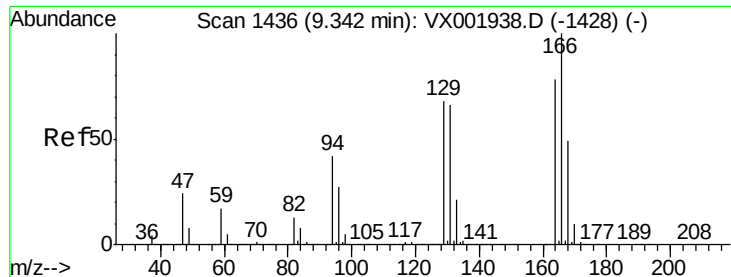
Tot Ion: 95 Resp: 203963
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.8
176 88.4 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002147.D
Acq: 30 May 2018 19:58

Tgt Ion: 117 Resp: 383651
Ion Ratio Lower Upper
117 100
82 56.1 44.8 67.2
119 31.5 25.5 38.3

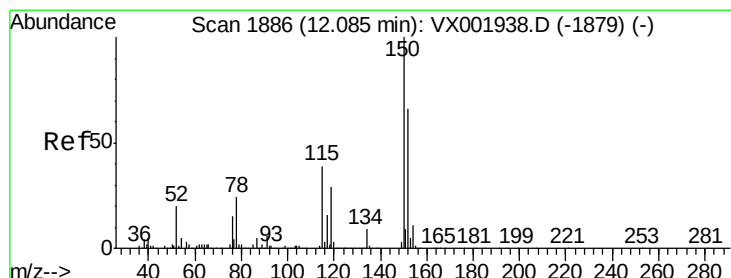
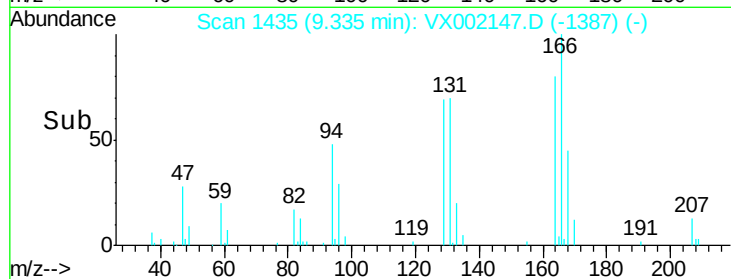
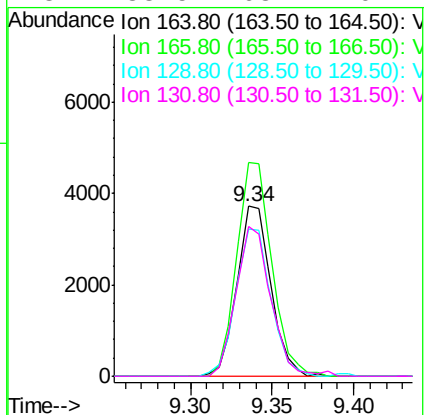
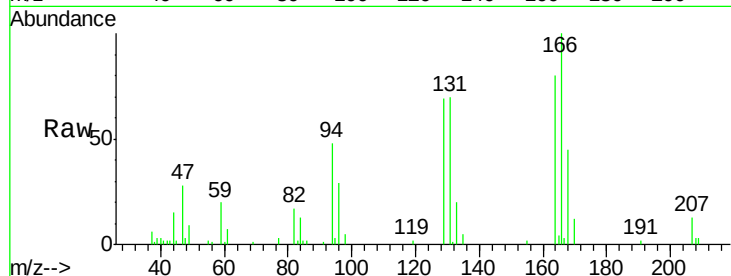




#64
Tetrachloroethene
Concen: 0.98 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002147.D
Acq: 30 May 2018 19:58

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Tot Ion:	164	Resp:	5399
Ion	Ratio	Lower	Upper
164	100		
166	125.7	102.7	154.1
129	86.8	70.3	105.5
131	88.5	68.2	102.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002147.D
Acq: 30 May 2018 19:58

Tgt Ion:	152	Resp:	204593
Ion	Ratio	Lower	Upper
152	100		
115	56.4	42.3	126.8
150	156.8	0.0	351.0

