

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004051.D
 Acq On : 15 Aug 2018 02:08
 Operator : JC/MD
 Sample : J4438-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-297-SRI3

Quant Time: Aug 15 15:50:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

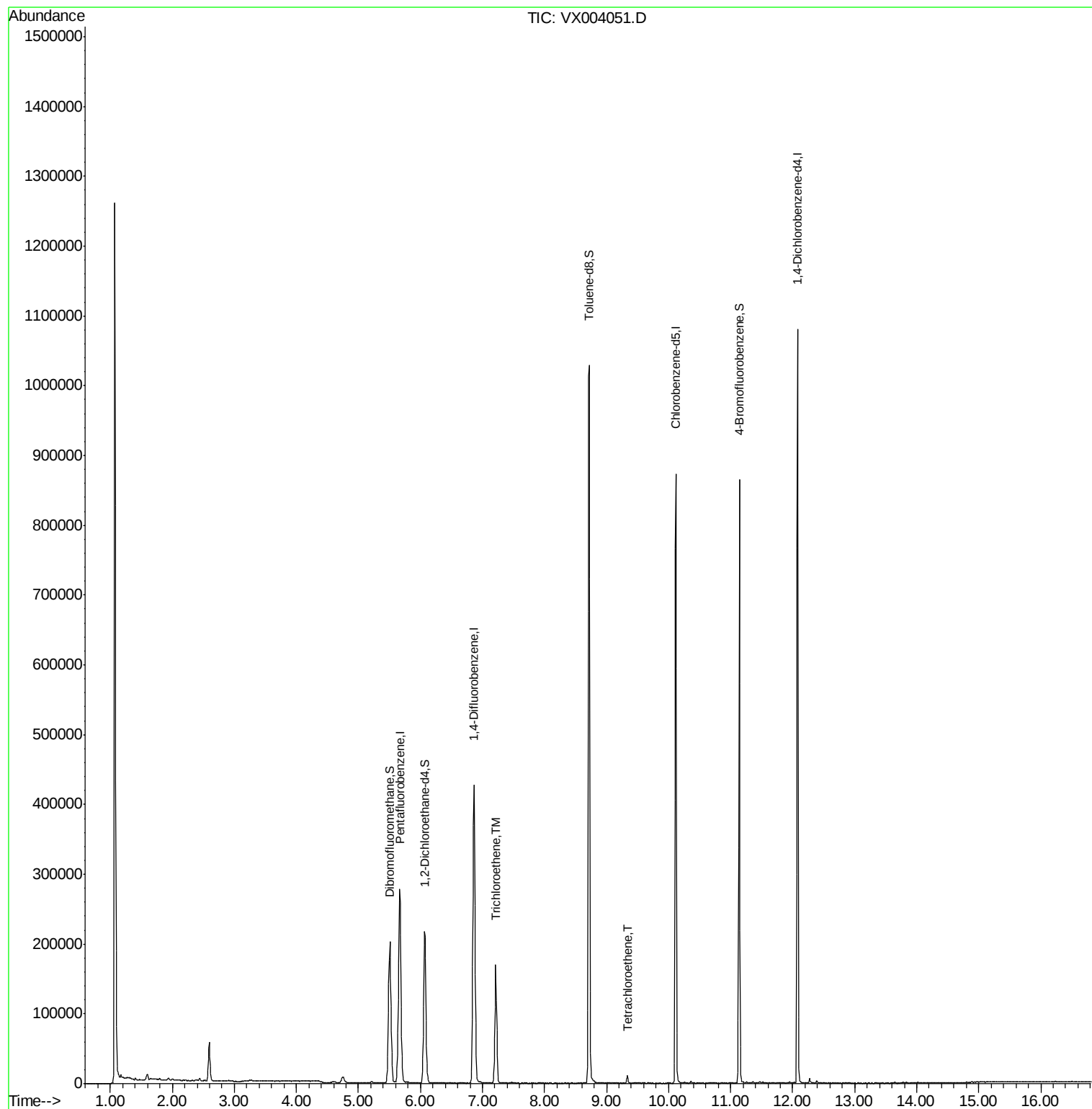
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	439475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	397617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	202273	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
35) Dibromofluoromethane	5.51	113	171591	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
50) Toluene-d8	8.72	98	620766	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
62) 4-Bromofluorobenzene	11.14	95	211001	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
Target Compounds						
44) Trichloroethene	7.21	130	66454	16.30	ug/l	96
64) Tetrachloroethene	9.34	164	2020	0.54	ug/l #	73

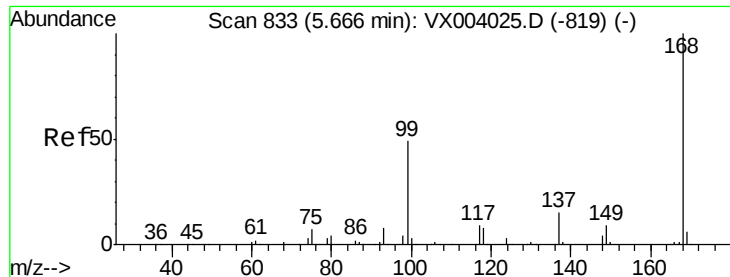
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004051.D

Acq: 15 Aug 2018 02:08

Instrument :

MSVOA_X

ClientSampleId :

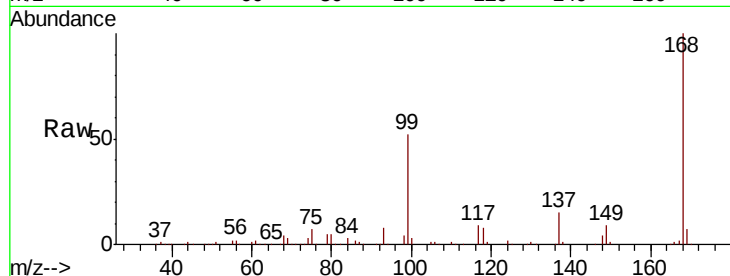
MW-297-SRI3

Tot Ion:168 Resp: 277328

Ion Ratio Lower Upper

168 100

99 51.6 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

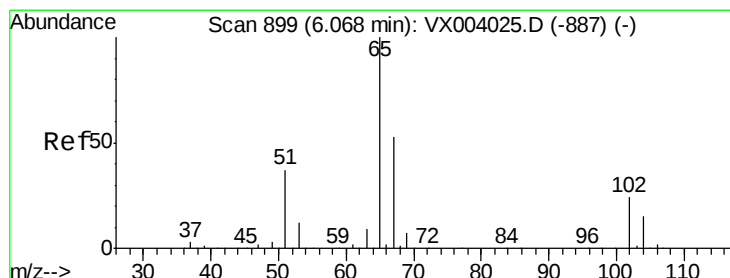
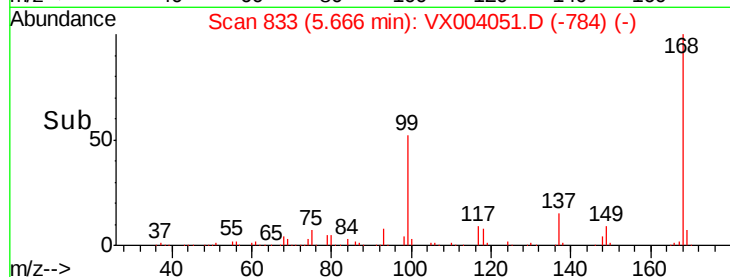
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.77 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004051.D

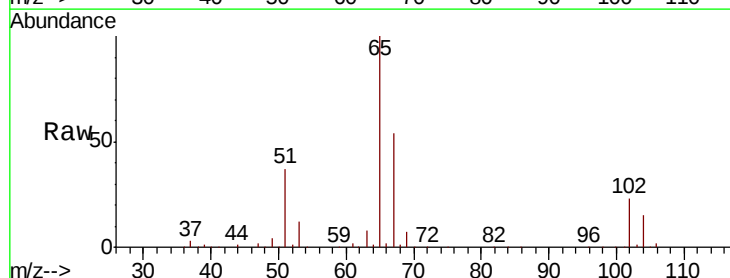
Acq: 15 Aug 2018 02:08

Tgt Ion: 65 Resp: 202273

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

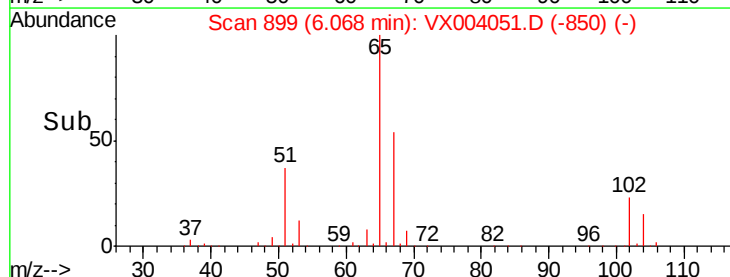
60000

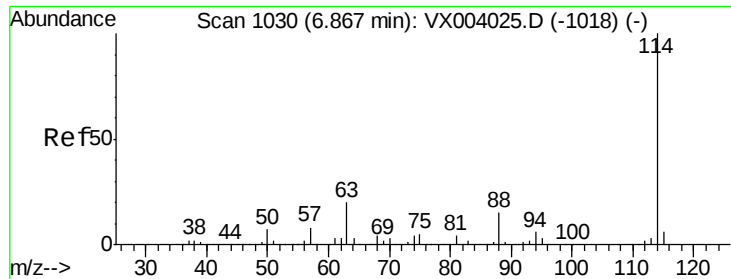
40000

20000

0

Time--> 6.00 6.10 6.20

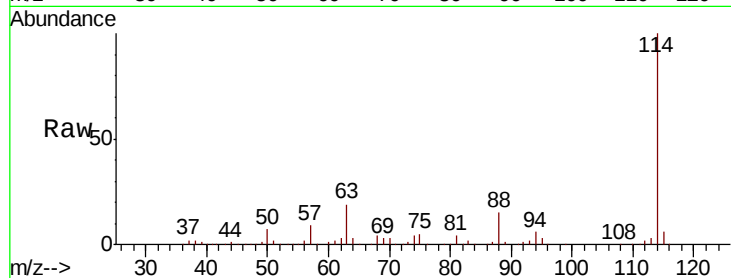




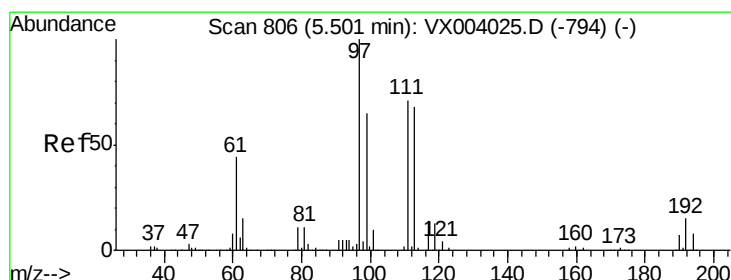
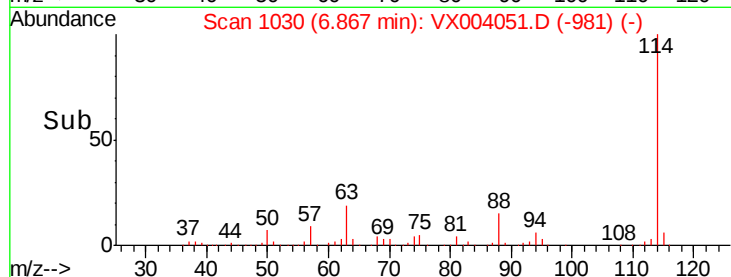
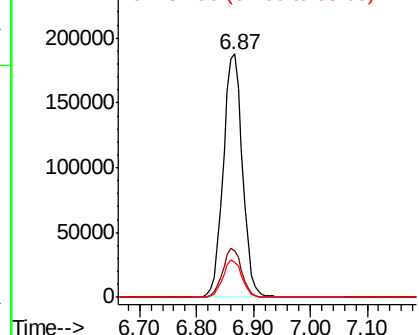
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004051.D
 Acq: 15 Aug 2018 02:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-297-SRI3

Tot Ion:114 Resp: 439475
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 14.6 0.0 32.0

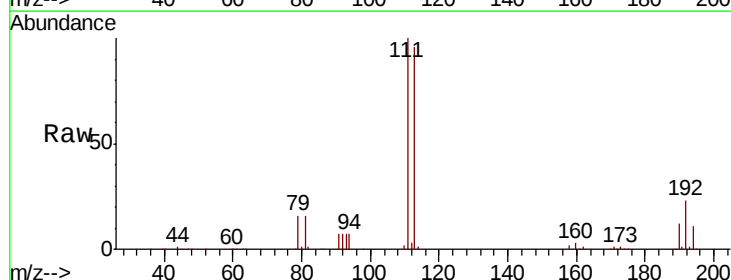


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

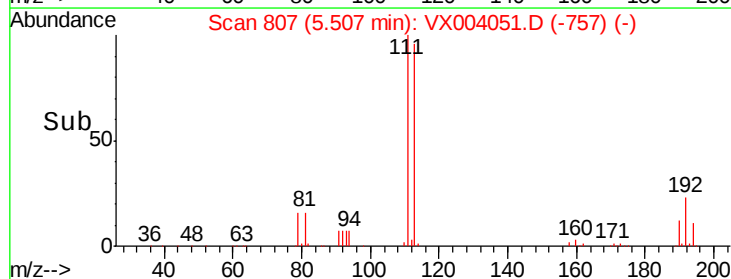
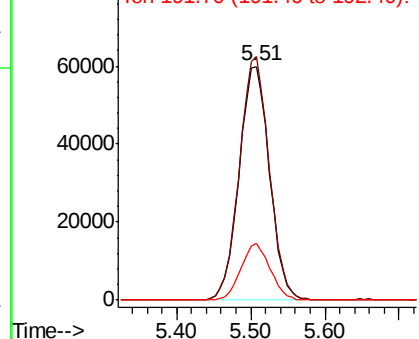


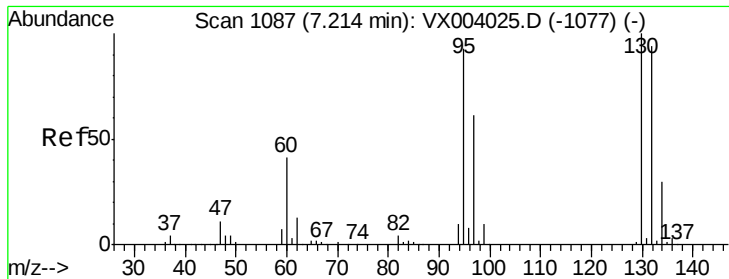
#35
 Dibromofluoromethane
 Concen: 52.17 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004051.D
 Acq: 15 Aug 2018 02:08

Tgt Ion:113 Resp: 171591
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.0 123.0
 192 23.5 19.0 28.4



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: 16.30 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004051.D

Acq: 15 Aug 2018 02:08

Instrument :

MSVOA_X

ClientSampleId :

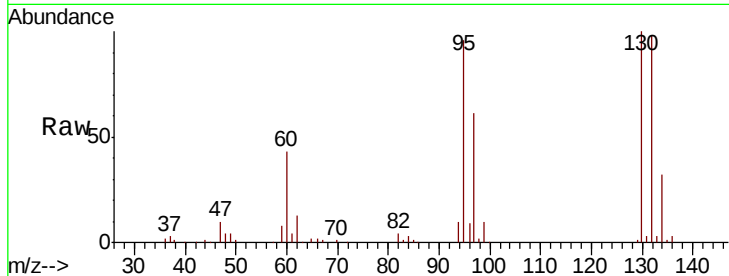
MW-297-SRI3

Tot Ion:130 Resp: 66454

Ion Ratio Lower Upper

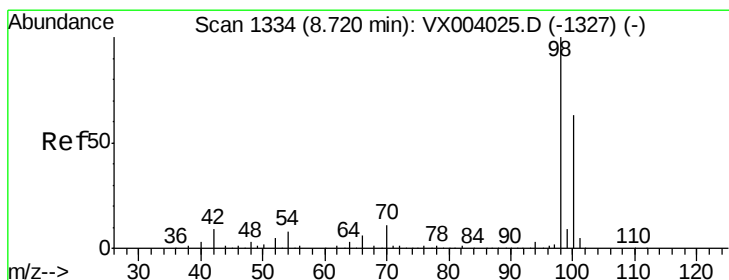
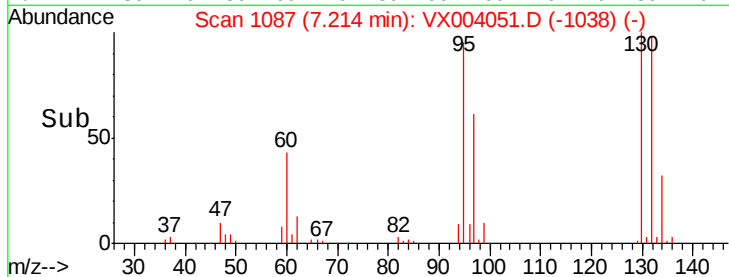
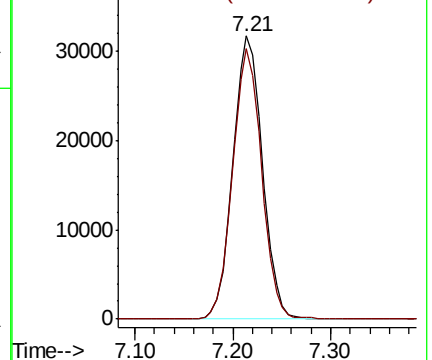
130 100

95 95.6 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 46.55 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004051.D

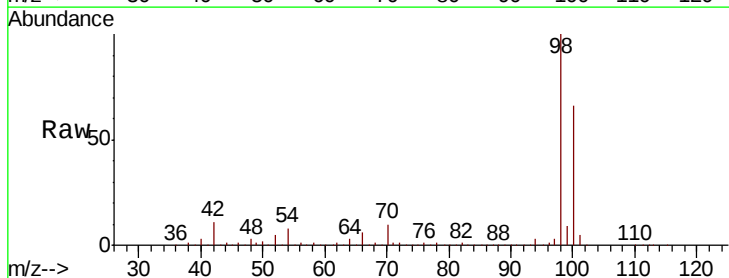
Acq: 15 Aug 2018 02:08

Tgt Ion: 98 Resp: 620766

Ion Ratio Lower Upper

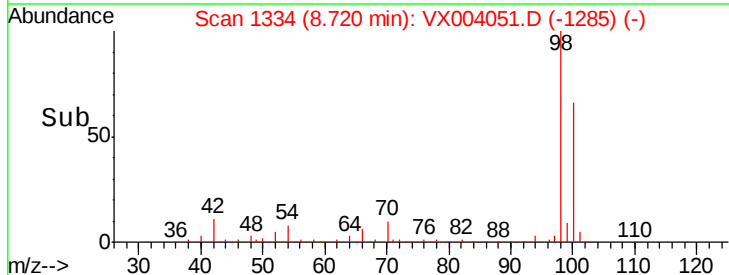
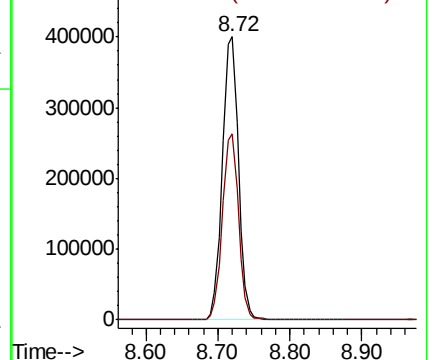
98 100

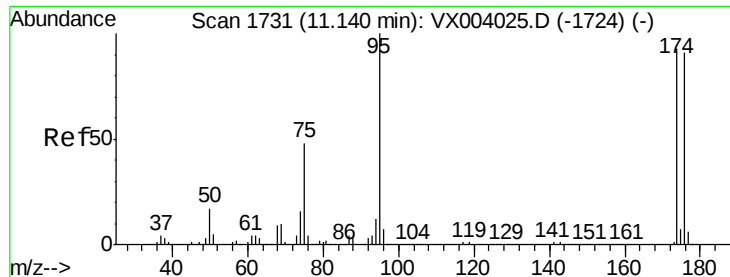
100 65.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

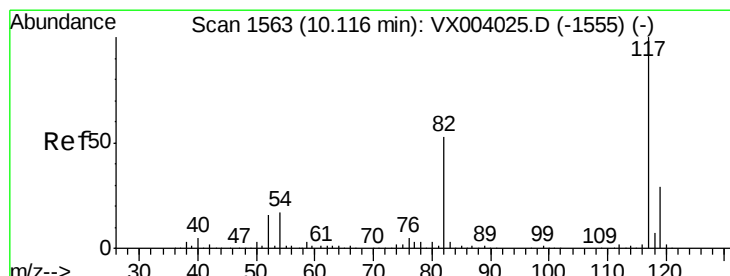
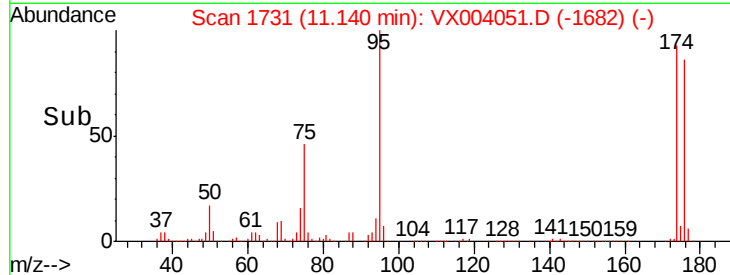
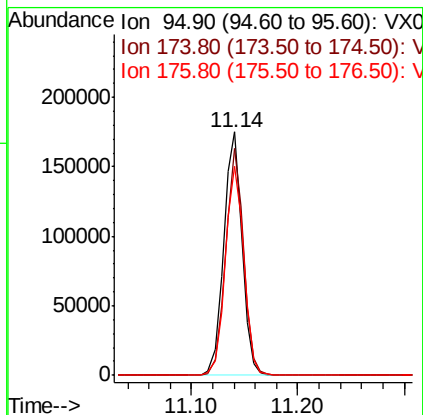
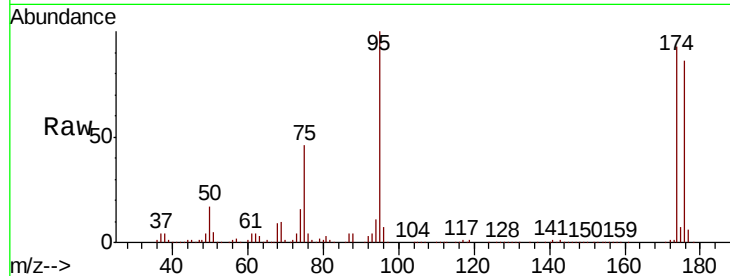




#62
4-Bromofluorobenzene
Concen: 43.62 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004051.D
Acq: 15 Aug 2018 02:08

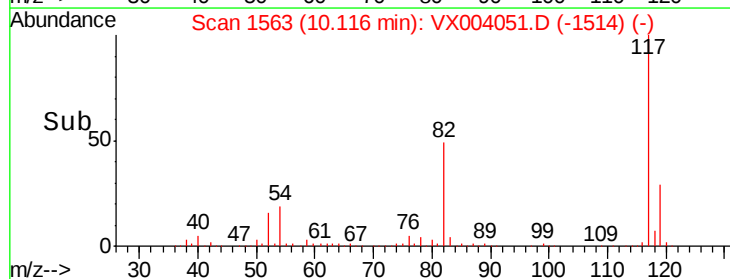
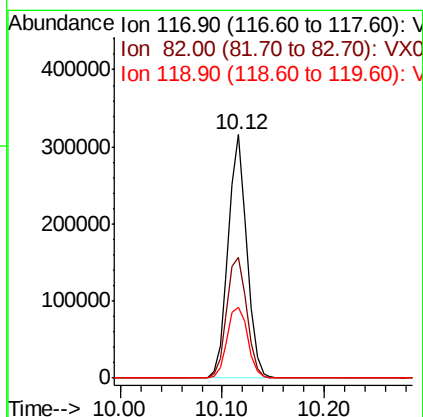
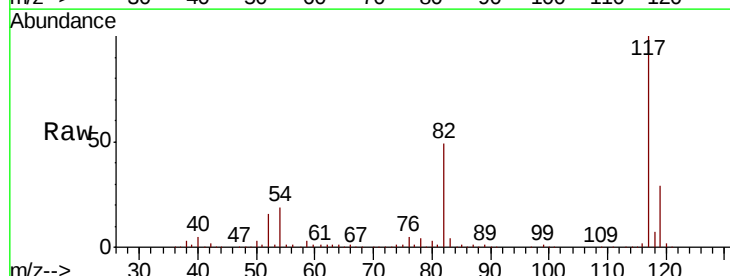
Instrument :
MSVOA_X
ClientSampleId :
MW-297-SRI3

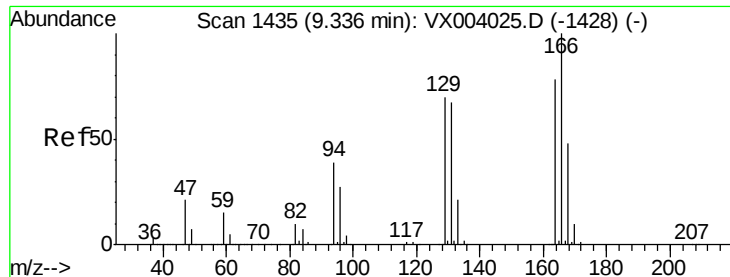
Tot Ion: 95 Resp: 211001
Ion Ratio Lower Upper
95 100
174 91.8 0.0 182.8
176 87.4 0.0 179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004051.D
Acq: 15 Aug 2018 02:08

Tgt Ion: 117 Resp: 397617
Ion Ratio Lower Upper
117 100
82 49.4 45.4 68.0
119 29.3 26.6 40.0





#64

Tetrachloroethene

Concen: 0.54 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX004051.D

Acq: 15 Aug 2018 02:08

Instrument :

MSVOA_X

ClientSampleId :

MW-297-SRI3

Tot Ion:164 Resp: 2020

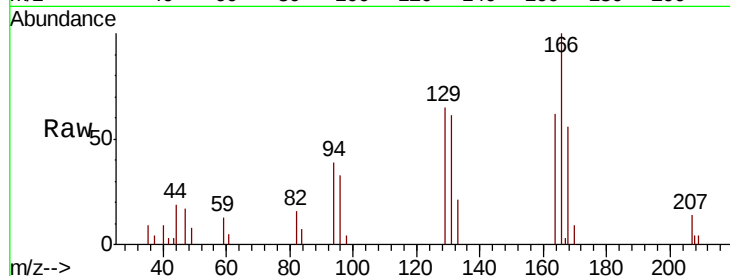
Ion Ratio Lower Upper

164 100

166 161.4 98.0 147.0#

129 105.0 64.3 96.5#

131 97.8 66.8 100.2

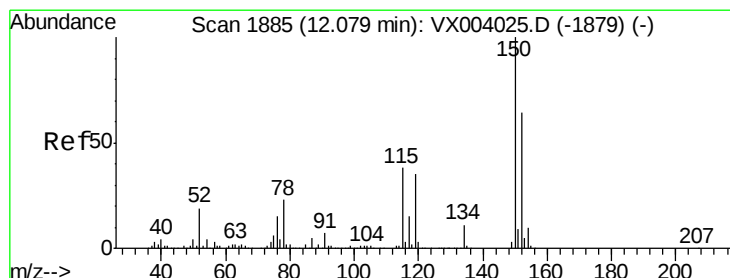
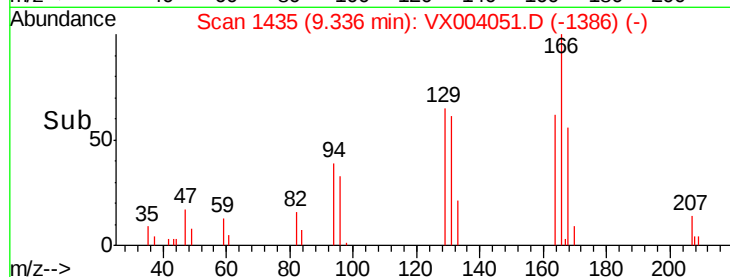
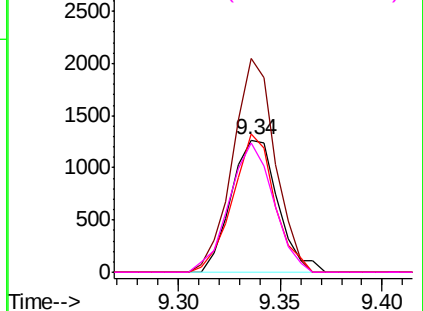


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004051.D

Acq: 15 Aug 2018 02:08

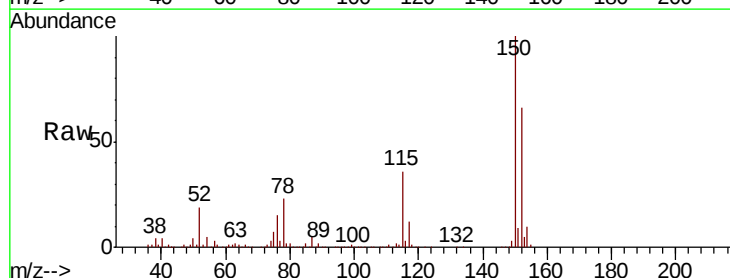
Tgt Ion:152 Resp: 223066

Ion Ratio Lower Upper

152 100

115 54.6 39.1 117.3

150 154.9 0.0 349.2



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

