

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005910.D
 Acq On : 12 Nov 2018 19:34
 Operator : JC/MD
 Sample : J5912-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW331-181108

Quant Time: Nov 13 06:15:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

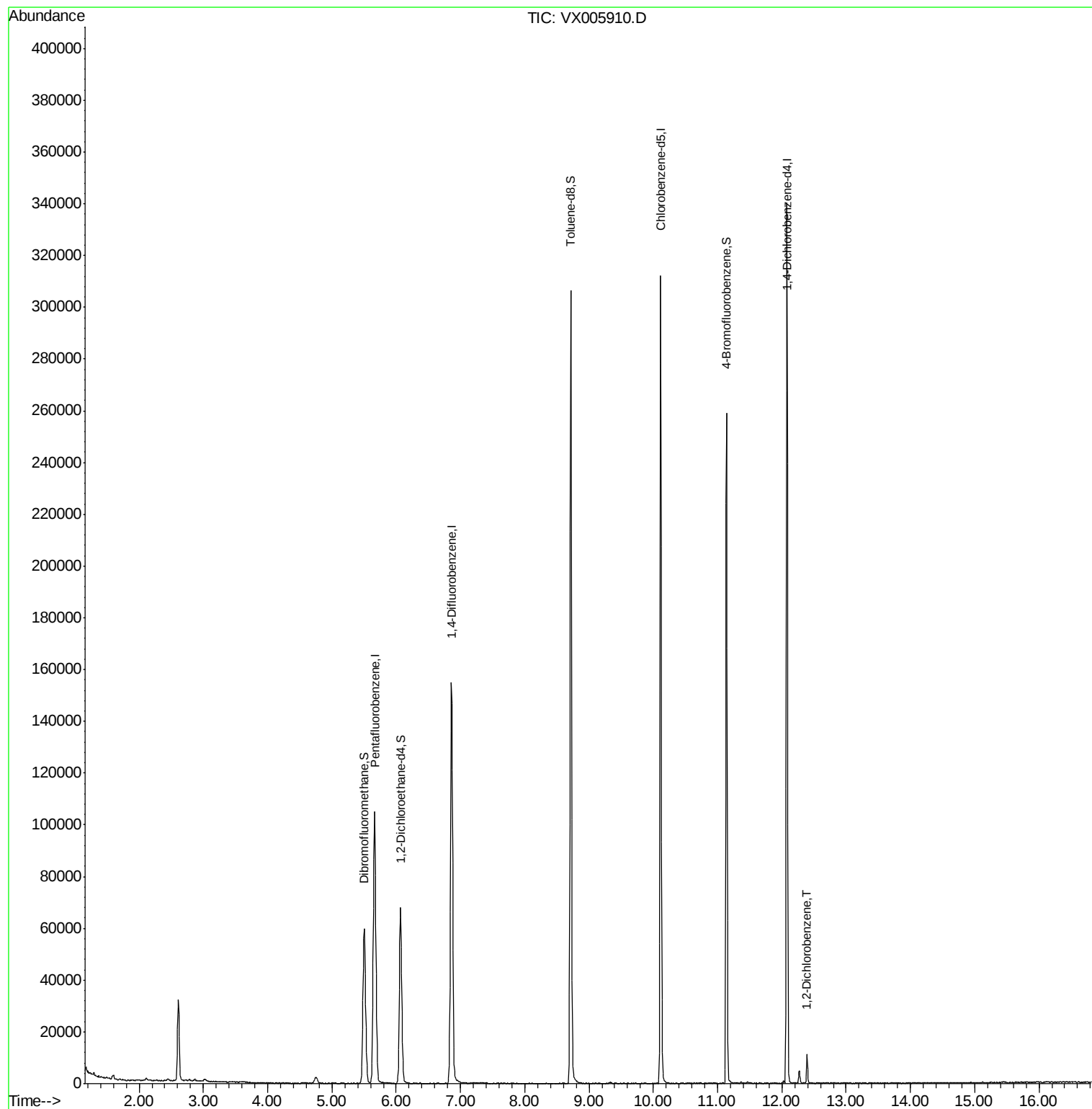
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	107160	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	158714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	143042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	69911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	66016	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
35) Dibromofluoromethane	5.50	113	51295	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	8.71	98	189704	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	11.14	95	64749	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
Target Compounds						
91) 1,2-Dichlorobenzene	12.39	146	3829	1.748	ug/l	Qvalue 98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005910.D

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MSVOA_X

ClientSampleId :

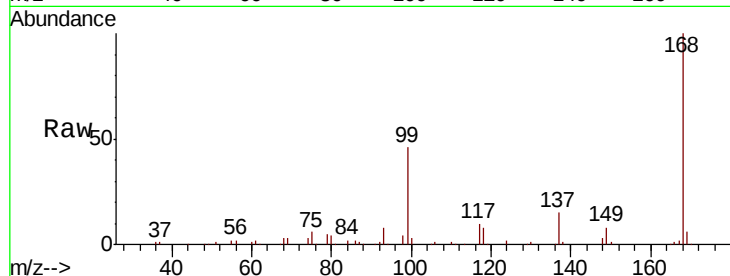
SS003MW331-181108

Tot Ion:168 Resp: 107160

Ion Ratio Lower Upper

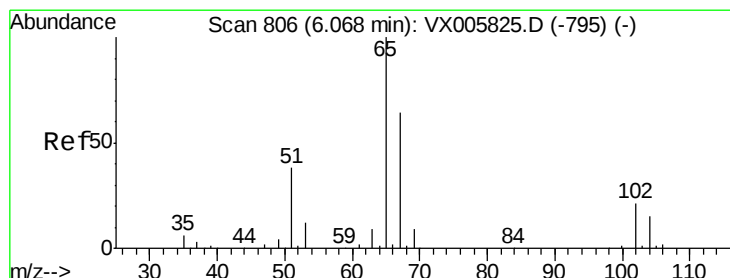
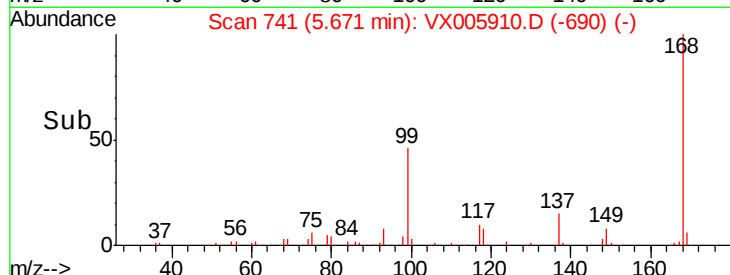
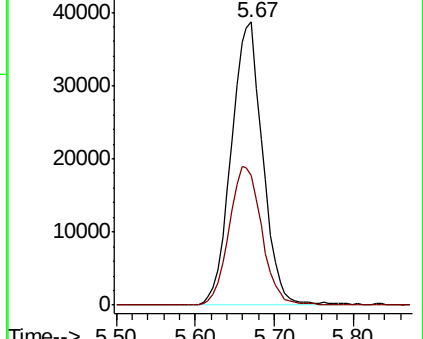
168 100

99 46.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.587 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005910.D

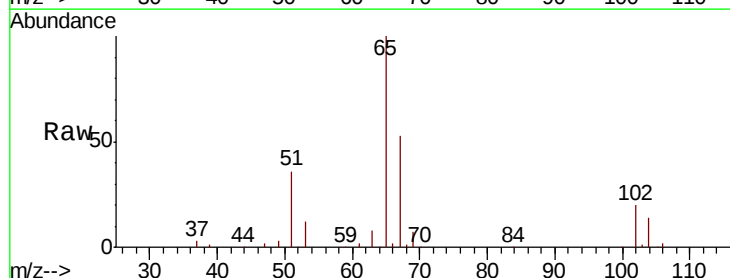
Acq: 12 Nov 2018 19:34

Tgt Ion: 65 Resp: 66016

Ion Ratio Lower Upper

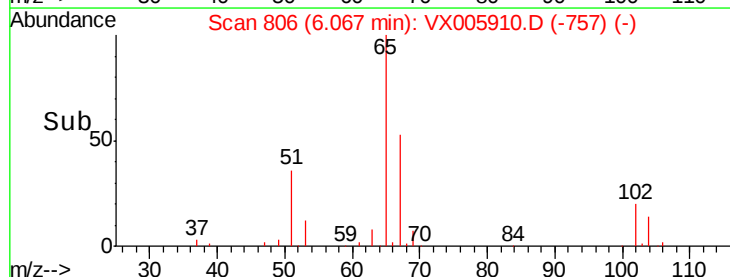
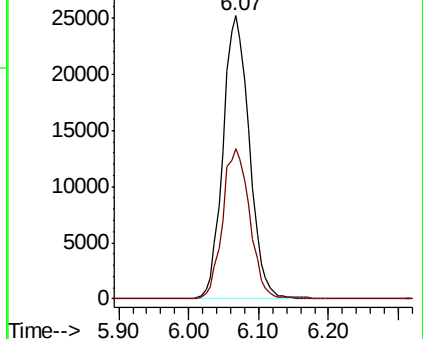
65 100

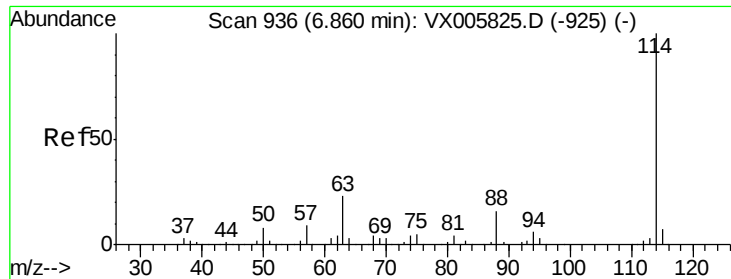
67 54.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

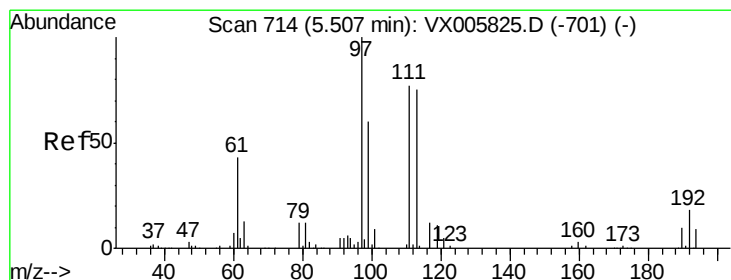
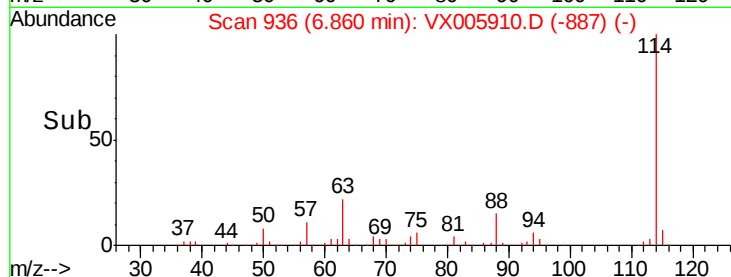
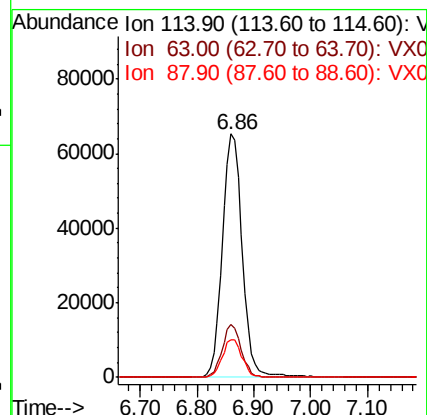
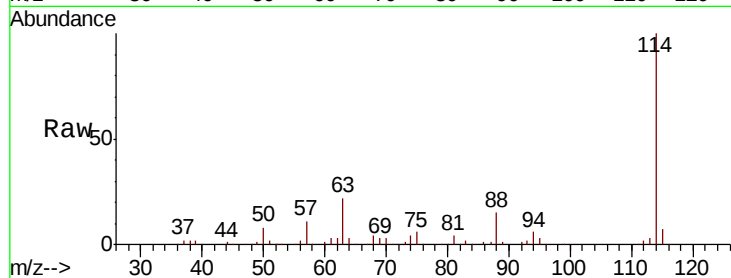




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005910.D
 Acq: 12 Nov 2018 19:34

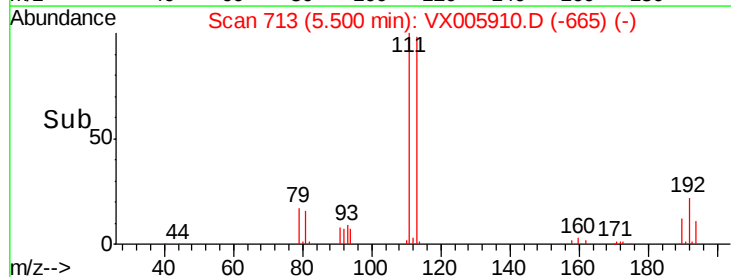
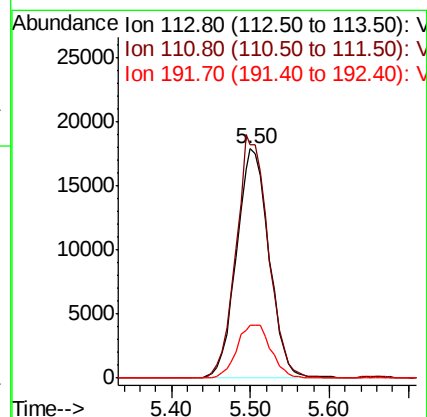
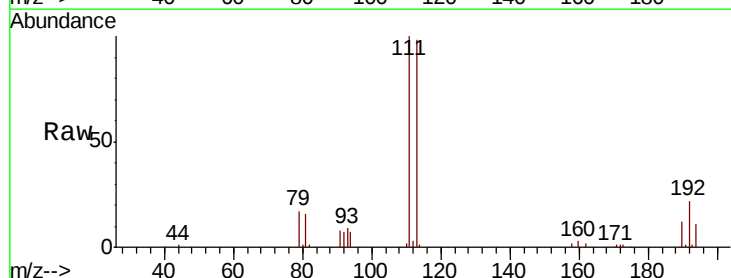
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW331-181108

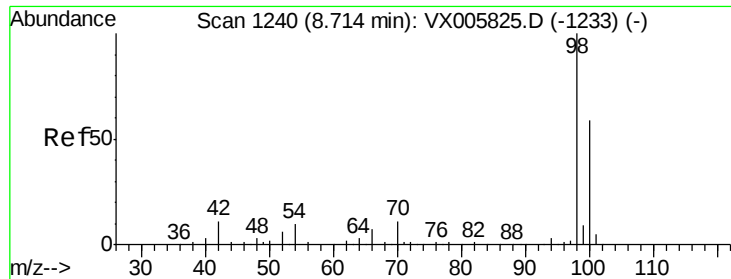
Tot Ion:114 Resp: 158714
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.8
 88 15.4 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 47.518 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005910.D
 Acq: 12 Nov 2018 19:34

Tgt Ion:113 Resp: 51295
 Ion Ratio Lower Upper
 113 100
 111 104.9 82.3 123.5
 192 24.0 17.9 26.9





#50

Toluene-d8

Concen: 52.859 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005910.D

Acq: 12 Nov 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

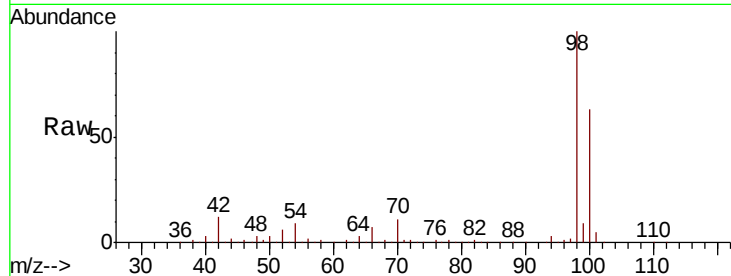
SS003MW331-181108

Tot Ion: 98 Resp: 189704

Ion Ratio Lower Upper

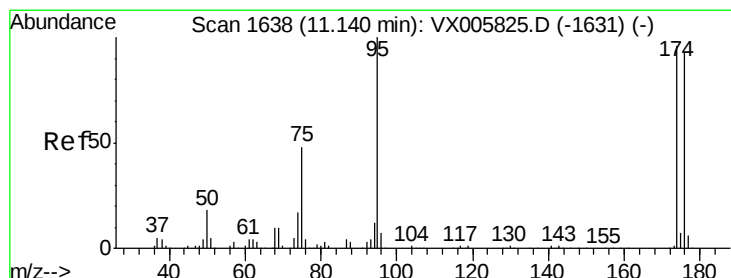
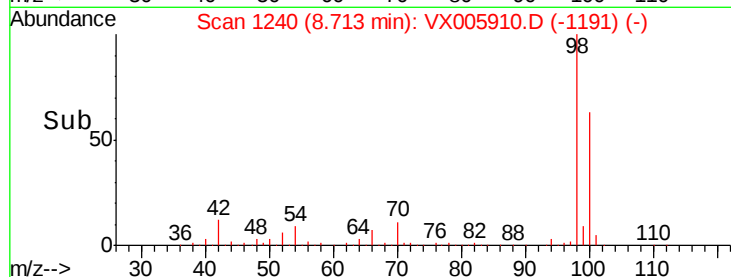
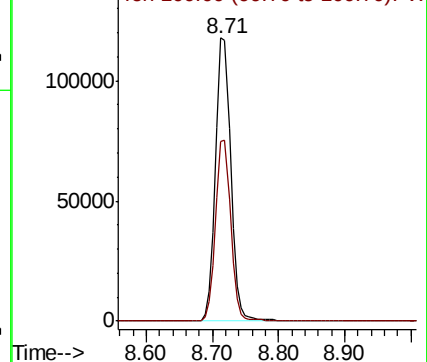
98 100

100 63.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 50.180 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005910.D

Acq: 12 Nov 2018 19:34

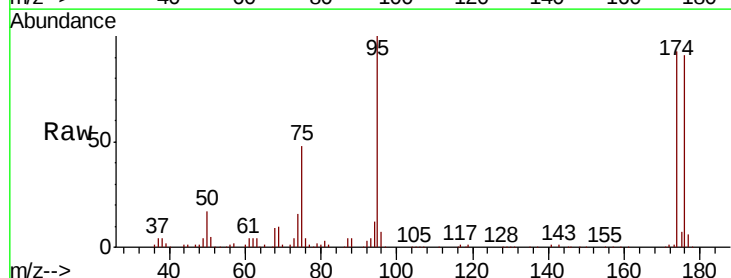
Tgt Ion: 95 Resp: 64749

Ion Ratio Lower Upper

95 100

174 92.0 0.0 184.4

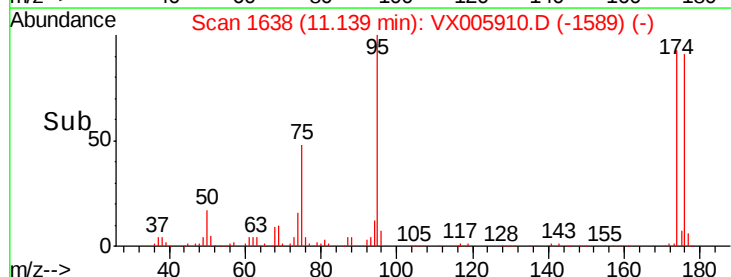
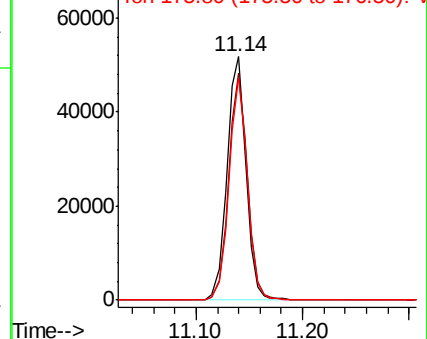
176 88.8 0.0 177.4

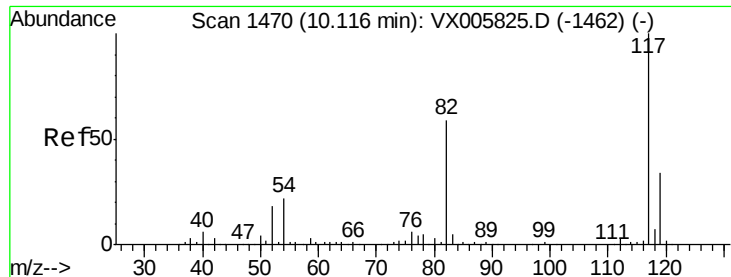


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

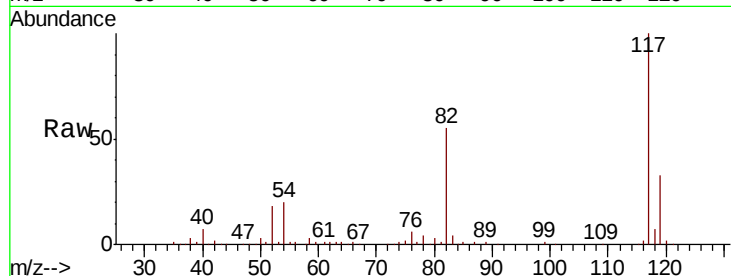




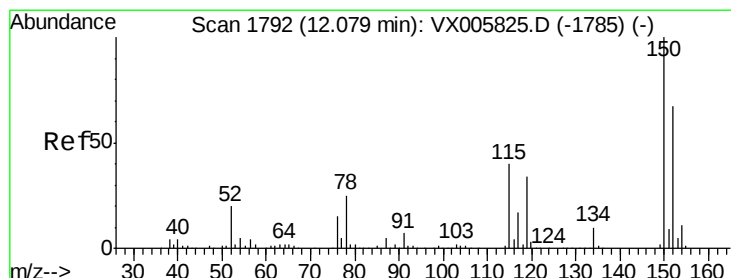
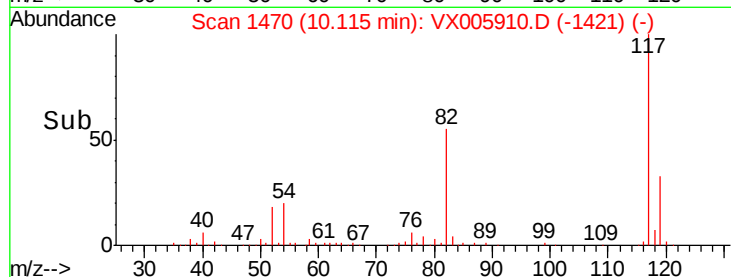
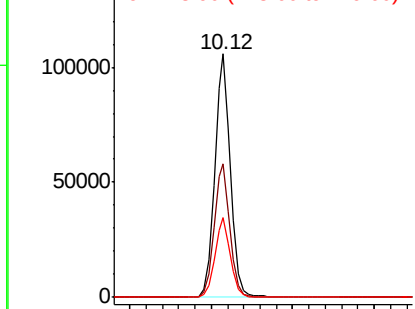
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005910.D
Acq: 12 Nov 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
SS003MW331-181108

Tot Ion:117 Resp: 143042
Ion Ratio Lower Upper
117 100
82 54.8 44.1 66.1
119 32.9 26.2 39.2

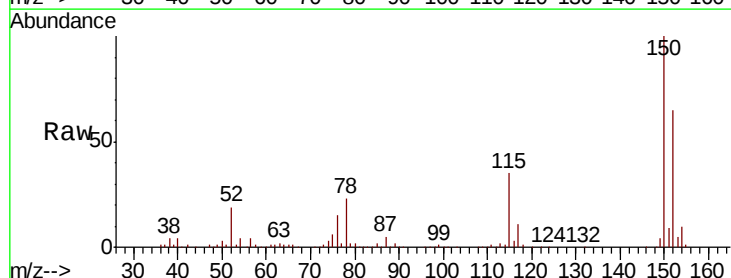


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

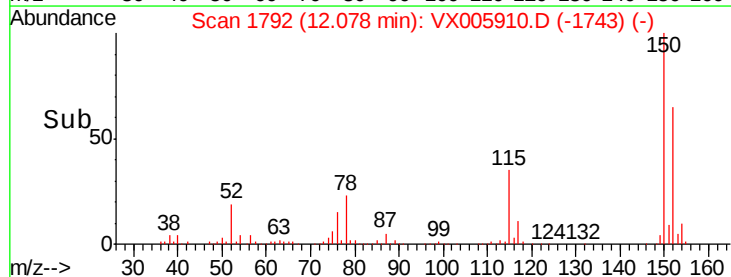
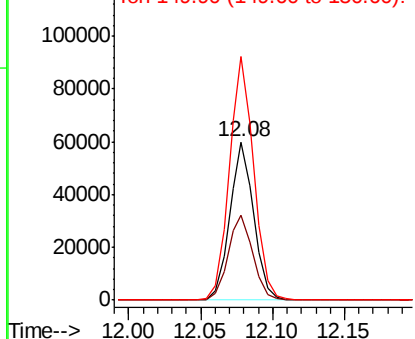


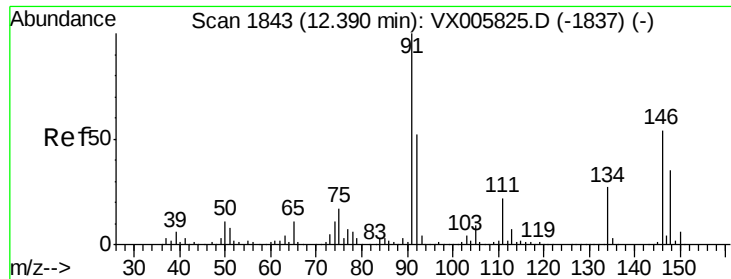
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005910.D
Acq: 12 Nov 2018 19:34

Tgt Ion:152 Resp: 69911
Ion Ratio Lower Upper
152 100
115 55.8 39.4 118.1
150 156.5 0.0 346.4



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

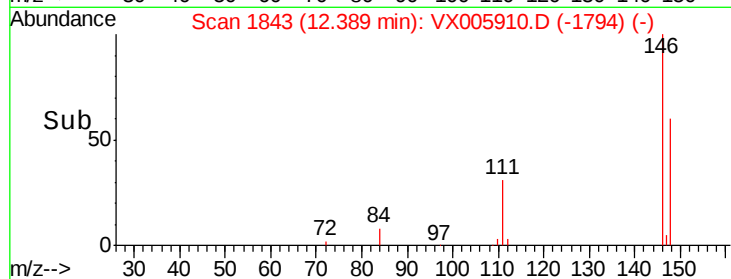
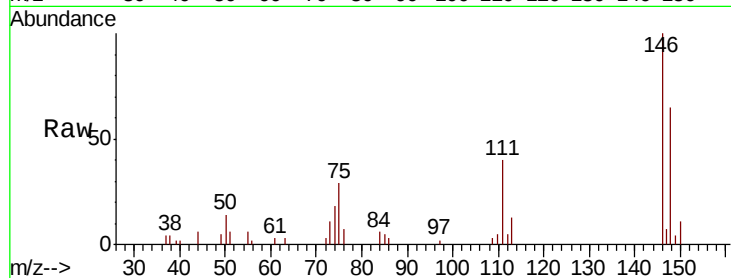




#91
 1,2-Dichlorobenzene
 Concen: 1.748 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005910.D
 Acq: 12 Nov 2018 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW331-181108

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	67.4	32.2	96.6



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

