

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005913.D
 Acq On : 12 Nov 2018 20:54
 Operator : JC/MD
 Sample : J5912-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003EW296-181109

Quant Time: Nov 13 06:22:25 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

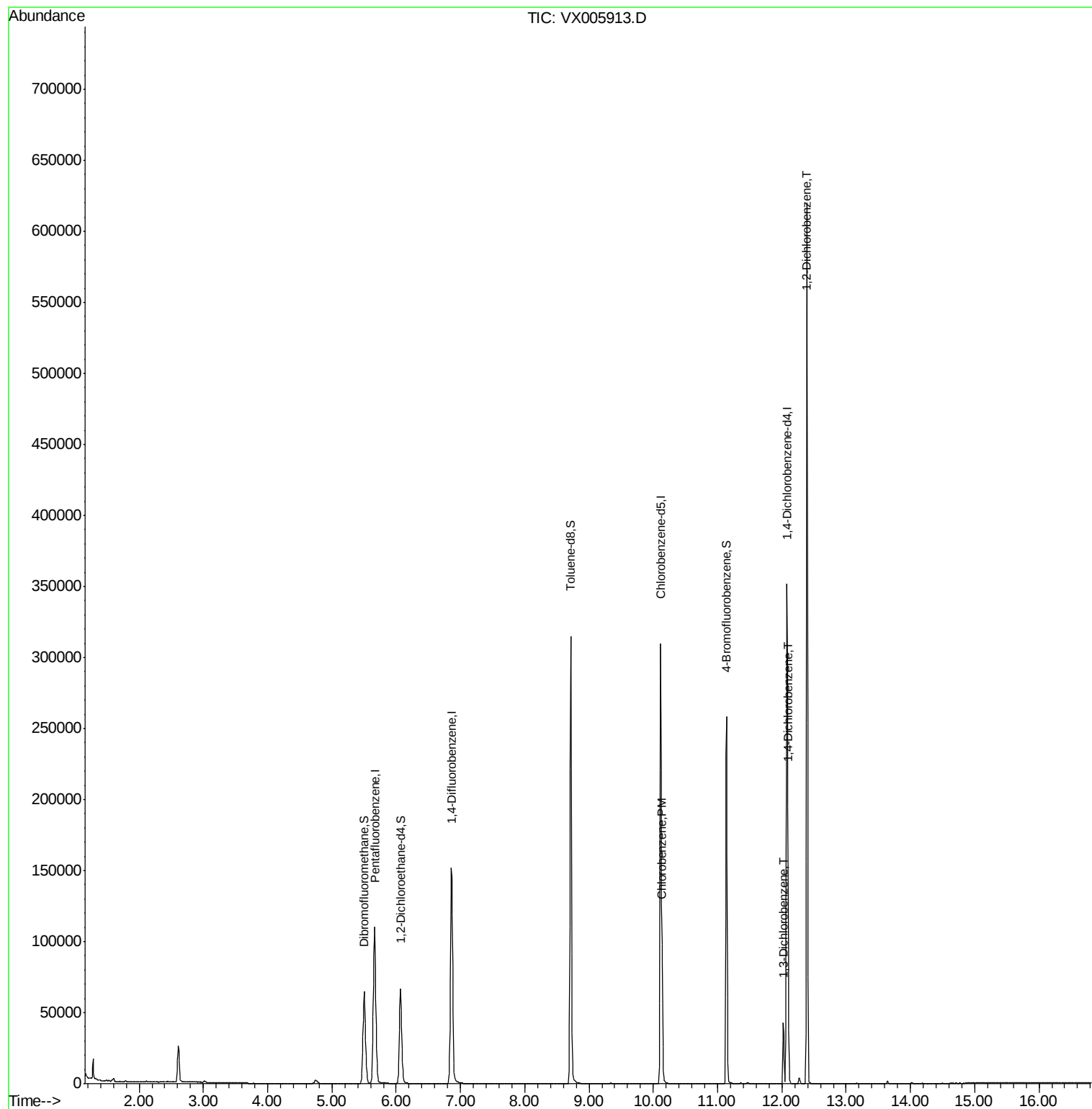
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	108110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	157747	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	142483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	70830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	65692	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
35) Dibromofluoromethane	5.50	113	53239	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
50) Toluene-d8	8.71	98	190403	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
62) 4-Bromofluorobenzene	11.14	95	64727	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
Target Compounds						
65) Chlorobenzene	10.14	112	35278	12.359	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	14434	6.515	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	39294	17.324	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	201185	90.640	ug/l	100

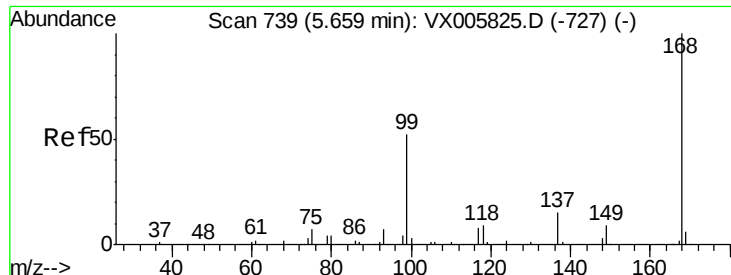
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005913.D

Acq: 12 Nov 2018 20:54

Instrument :

MSVOA_X

ClientSampleId :

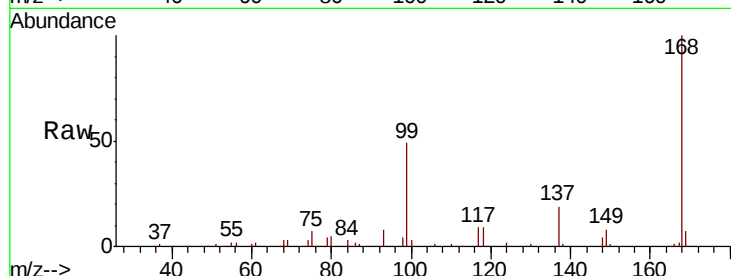
SS003EW296-181109

Tot Ion:168 Resp: 108110

Ion Ratio Lower Upper

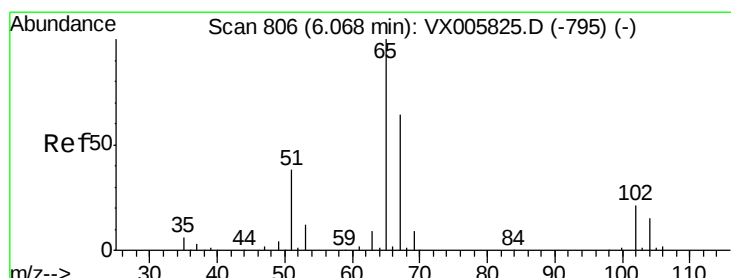
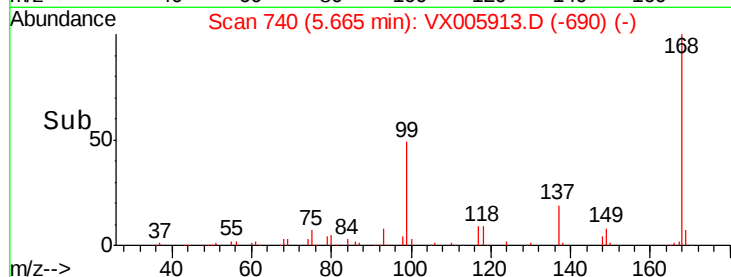
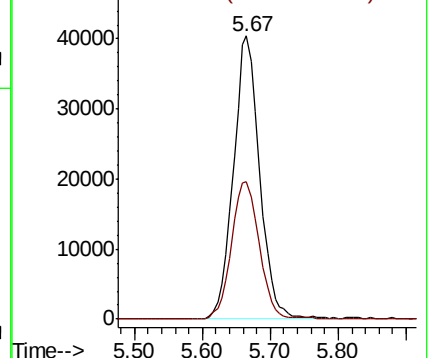
168 100

99 48.8 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: 52.855 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005913.D

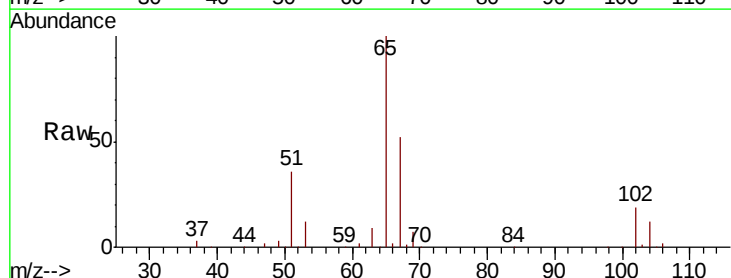
Acq: 12 Nov 2018 20:54

Tgt Ion: 65 Resp: 65692

Ion Ratio Lower Upper

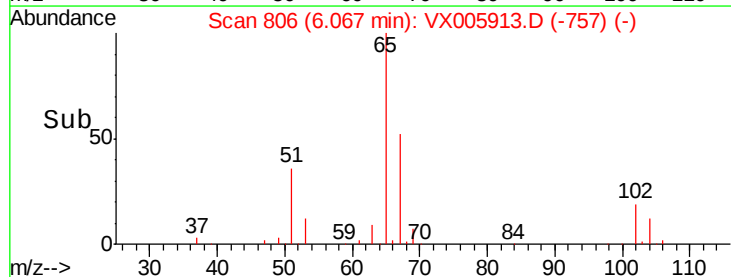
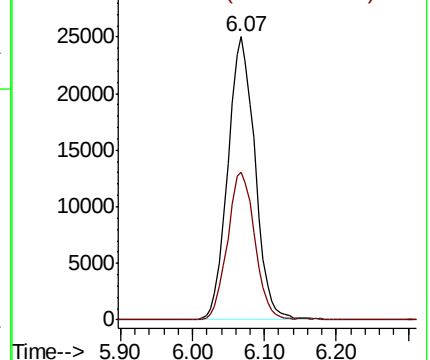
65 100

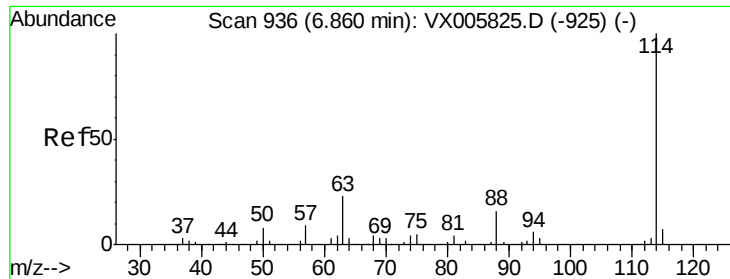
67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

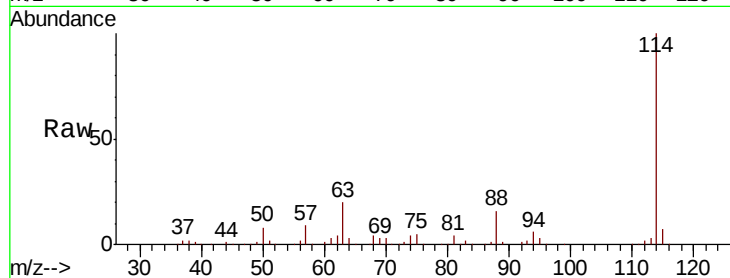




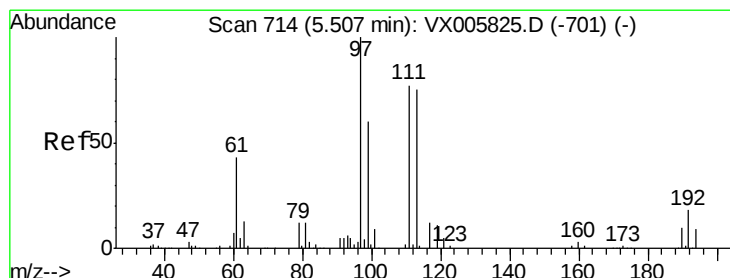
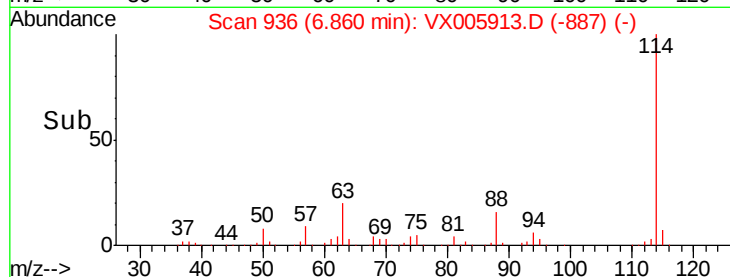
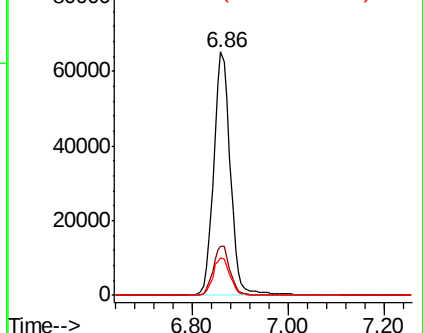
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005913.D
 Acq: 12 Nov 2018 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003EW296-181109

Tot Ion:114 Resp: 157747
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.8
 88 15.5 0.0 31.2

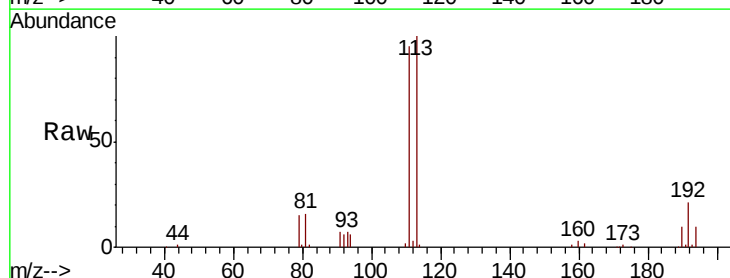


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

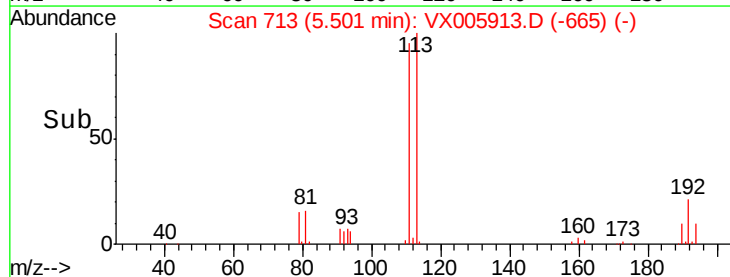
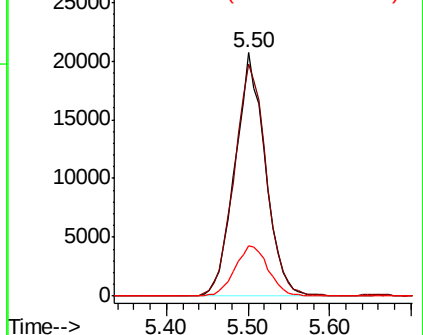


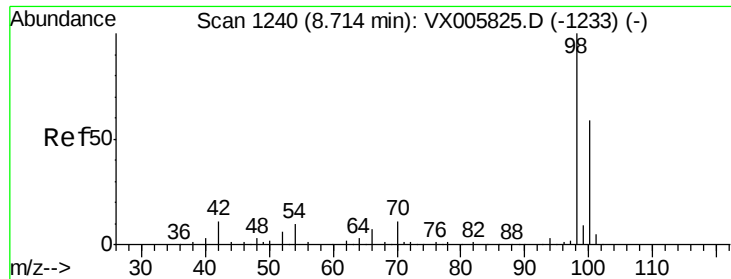
#35
 Dibromofluoromethane
 Concen: 49.621 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005913.D
 Acq: 12 Nov 2018 20:54

Tgt Ion:113 Resp: 53239
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.3 123.5
 192 22.6 17.9 26.9



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

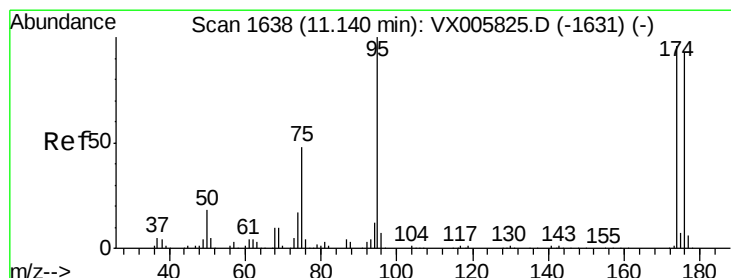
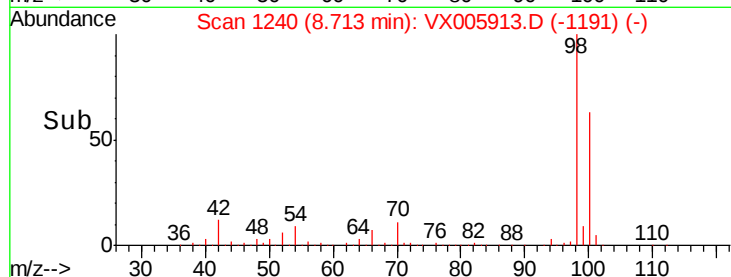
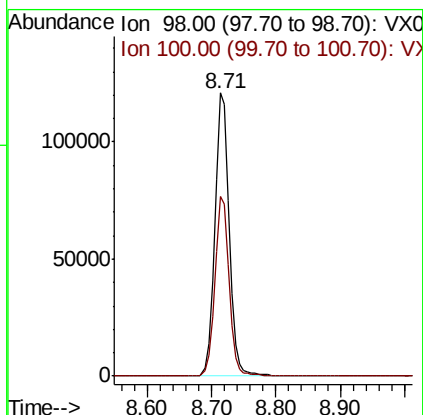
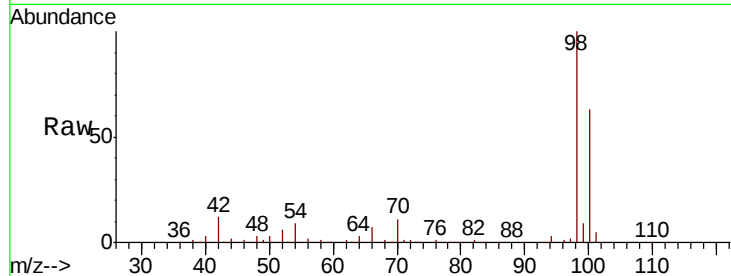




#50
Toluene-d8
Concen: 53.379 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005913.D
Acq: 12 Nov 2018 20:54

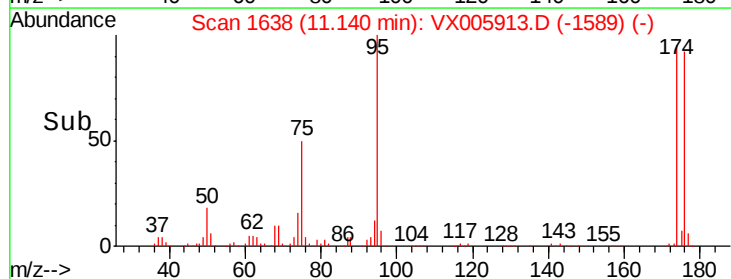
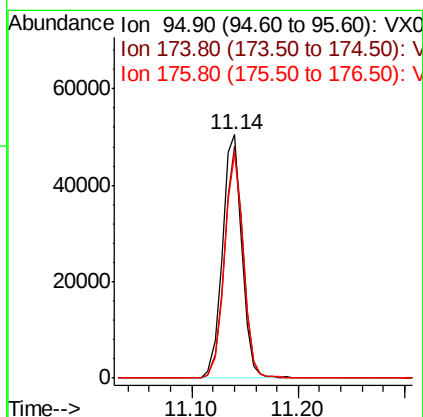
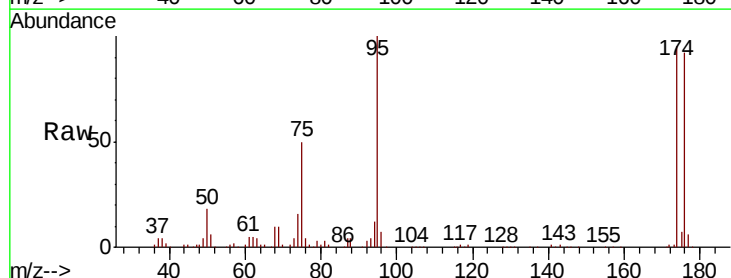
Instrument :
MSVOA_X
ClientSampleId :
SS003EW296-181109

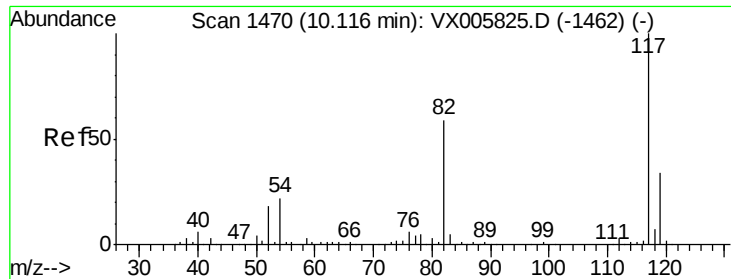
Tot Ion: 98 Resp: 190403
Ion Ratio Lower Upper
98 100
100 62.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 50.471 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005913.D
Acq: 12 Nov 2018 20:54

Tgt Ion: 95 Resp: 64727
Ion Ratio Lower Upper
95 100
174 92.1 0.0 184.4
176 89.6 0.0 177.4

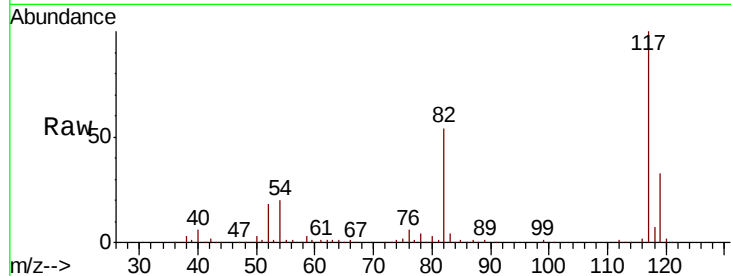




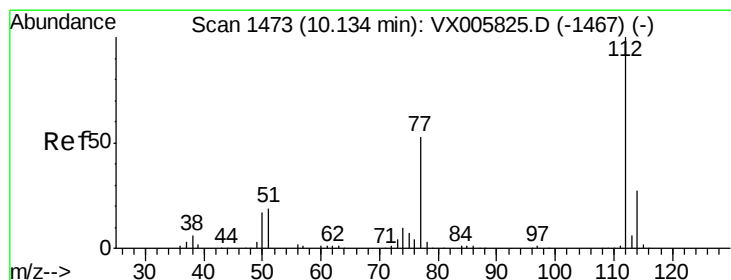
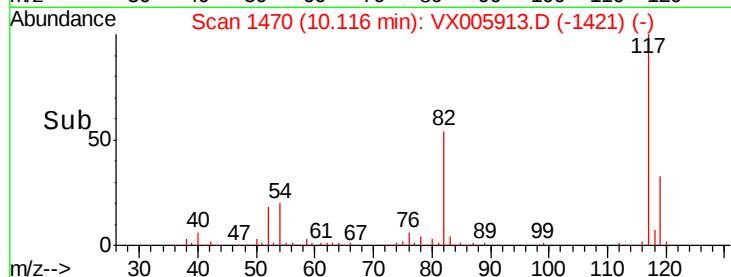
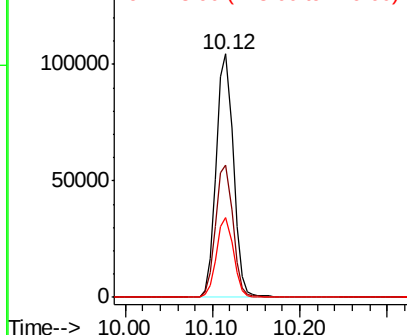
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005913.D
Acq: 12 Nov 2018 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS003EW296-181109

Tot Ion:117 Resp: 142483
Ion Ratio Lower Upper
117 100
82 54.4 44.1 66.1
119 32.9 26.2 39.2

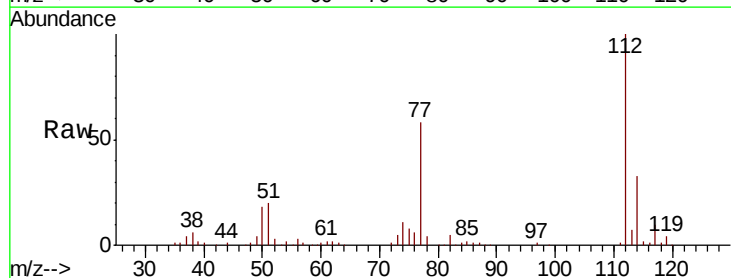


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

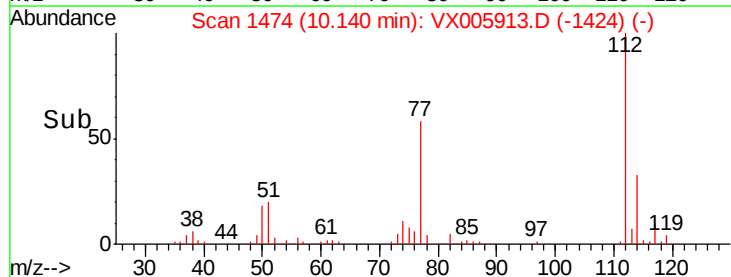
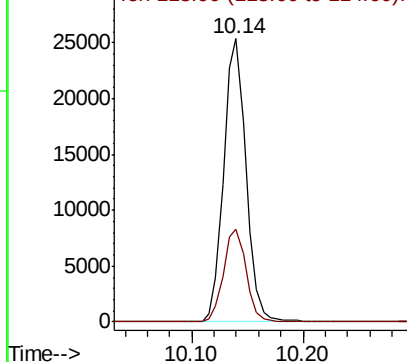


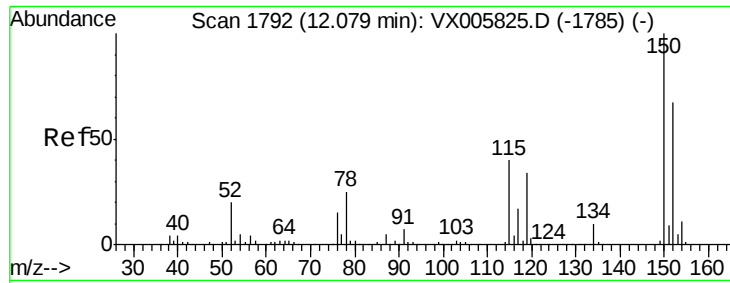
#65
Chlorobenzene
Concen: 12.359 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005913.D
Acq: 12 Nov 2018 20:54

Tgt Ion:112 Resp: 35278
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VX005913.D

Acq: 12 Nov 2018 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS003EW296-181109

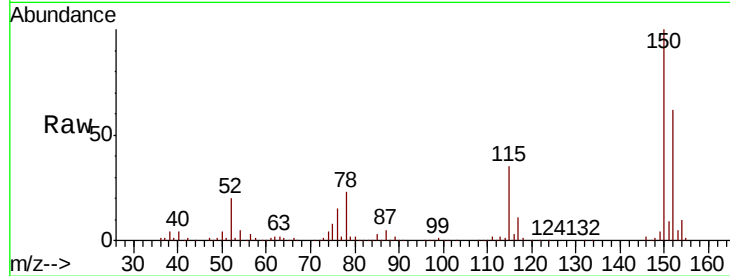
Tot Ion:152 Resp: 70830

Ion Ratio Lower Upper

152 100

115 56.3 39.4 118.1

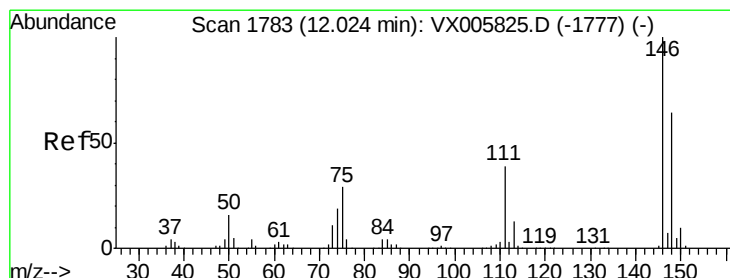
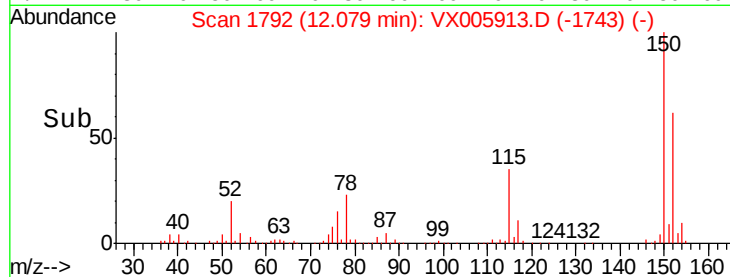
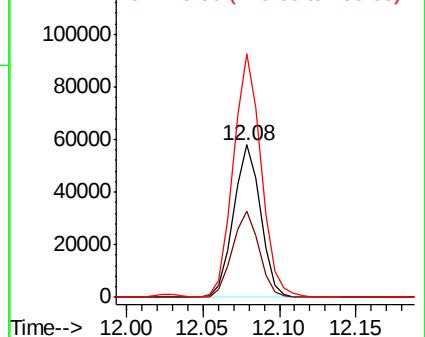
150 164.4 0.0 346.4



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



#87

1,3-Dichlorobenzene

Concen: 6.515 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005913.D

Acq: 12 Nov 2018 20:54

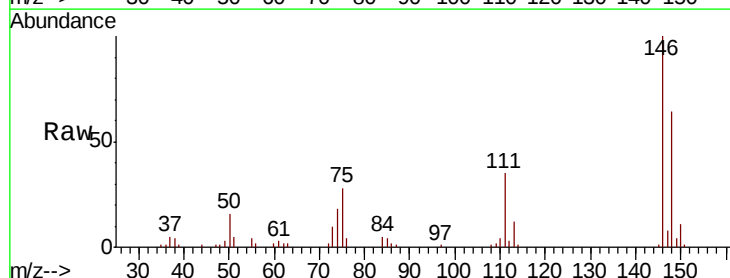
Tgt Ion:146 Resp: 14434

Ion Ratio Lower Upper

146 100

111 37.1 19.0 57.0

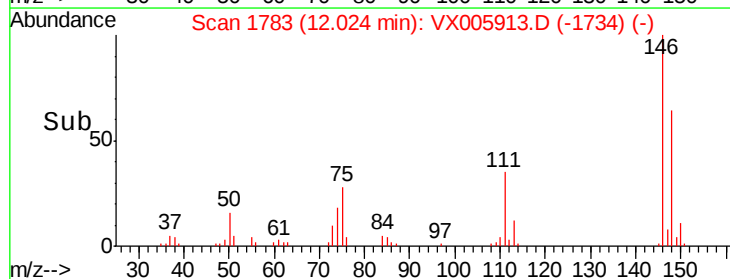
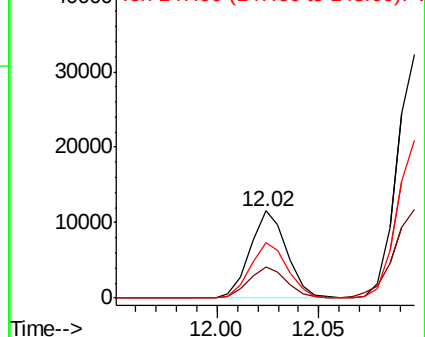
148 63.8 31.9 95.9

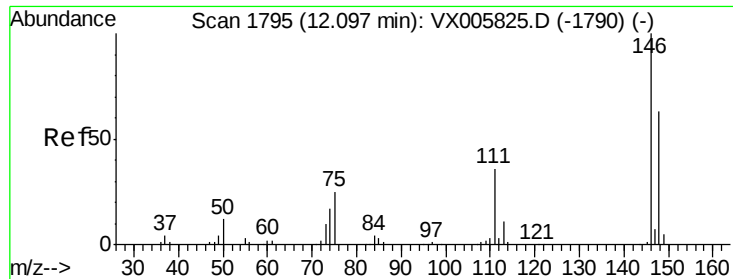


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

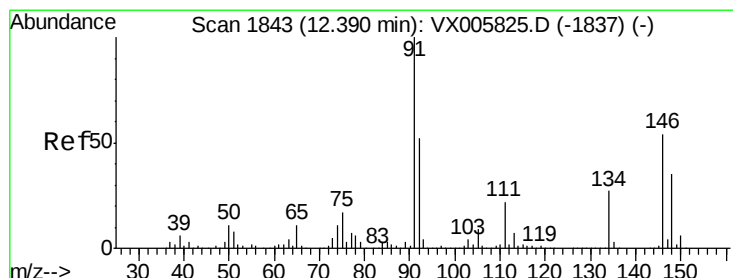
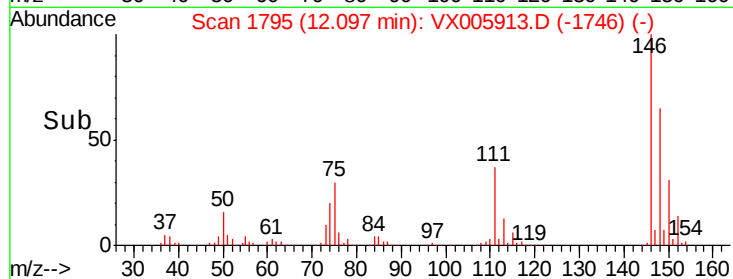
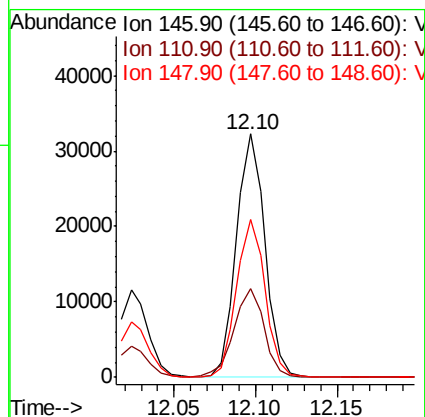
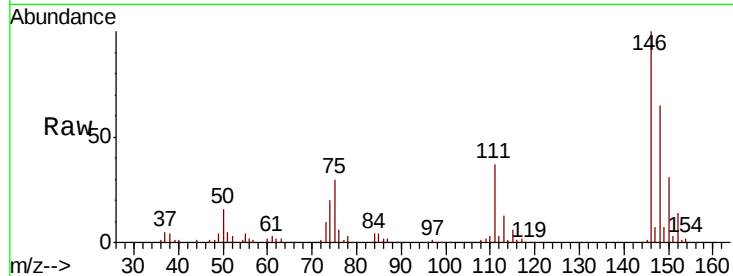




#88
 1,4-Dichlorobenzene
 Concen: 17.324 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005913.D
 Acq: 12 Nov 2018 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003EW296-181109

Tot Ion:146 Resp: 39294
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.6 55.8
 148 65.1 32.1 96.3



#91
 1,2-Dichlorobenzene
 Concen: 90.640 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005913.D
 Acq: 12 Nov 2018 20:54

Tgt Ion:146 Resp: 201185
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 59.9
 148 64.3 32.2 96.6

