

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072018\
 Data File : VX003512.D
 Acq On : 20 Jul 2018 16:32
 Operator : JC/SP
 Sample : J4010-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180713DL

Quant Time: Jul 20 17:10:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	421273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	402552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222259	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	178663	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.10%	
35) Dibromofluoromethane	5.51	113	158400	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	8.72	98	602673	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.14	95	209066	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	

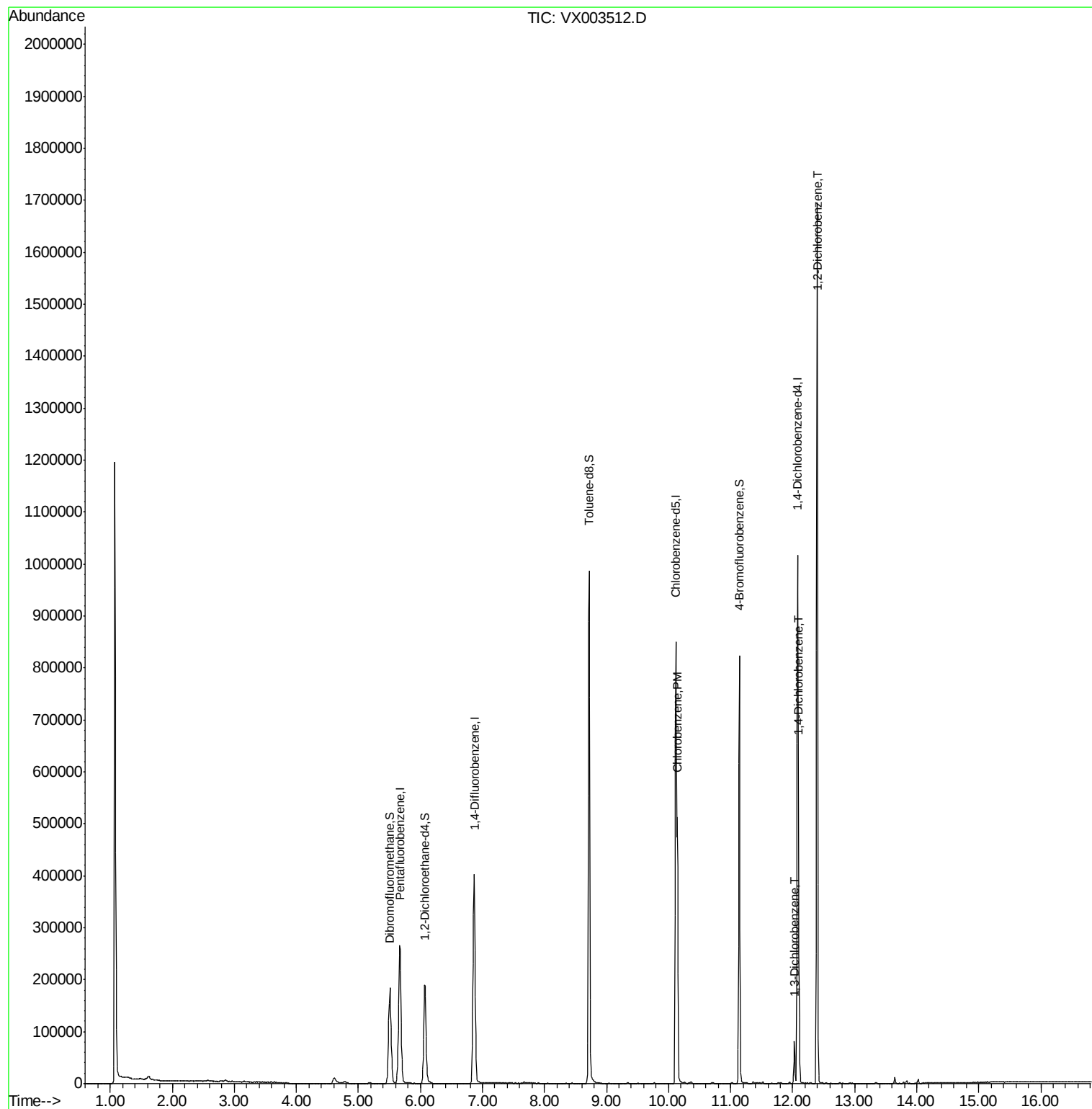
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
65) Chlorobenzene	10.14	112	220118	21.22	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	28594	3.52	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	86562	10.34	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	593477	74.10	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003512.D

Acq: 20 Jul 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

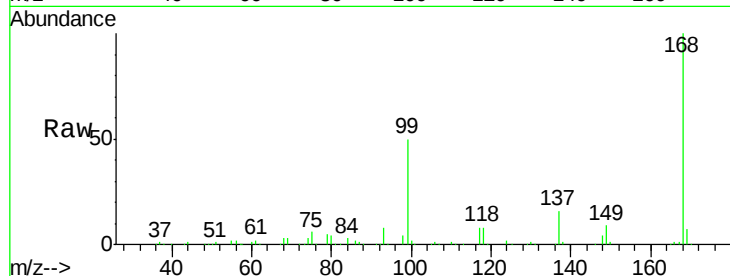
SS003RW114R-180713DL

Tot Ion:168 Resp: 276664

Ion Ratio Lower Upper

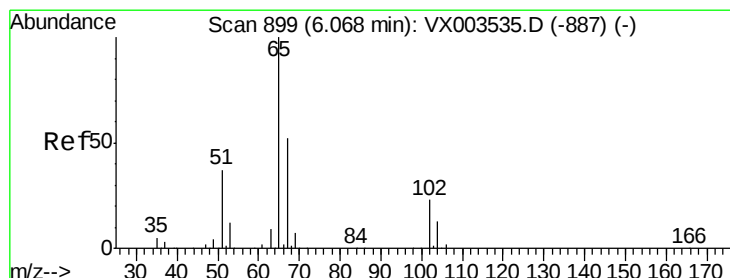
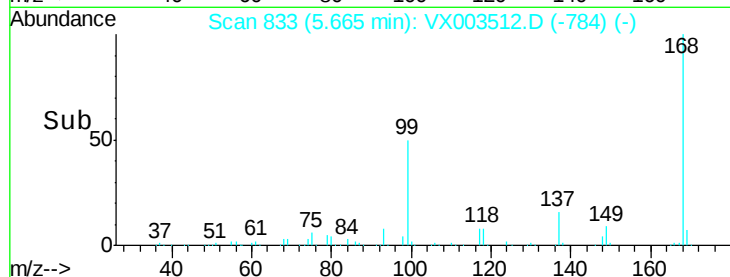
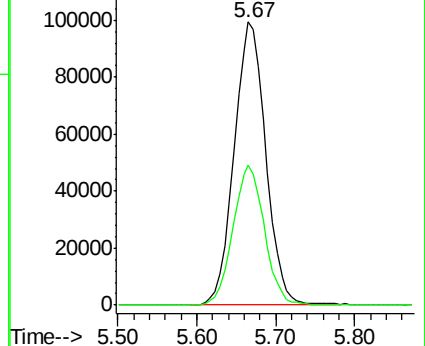
168 100

99 49.6 39.3 58.9



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: 54.55 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003512.D

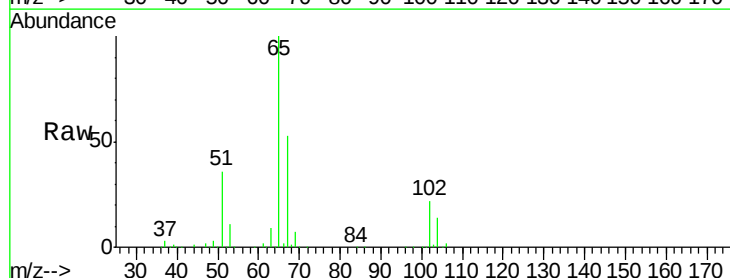
Acq: 20 Jul 2018 16:32

Tgt Ion: 65 Resp: 178663

Ion Ratio Lower Upper

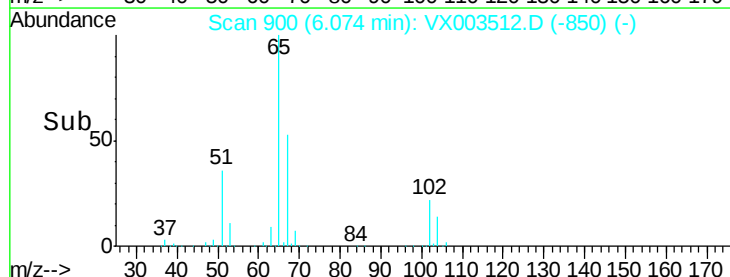
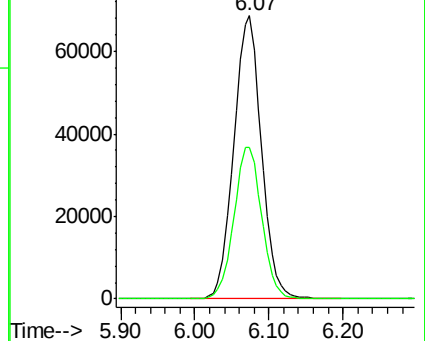
65 100

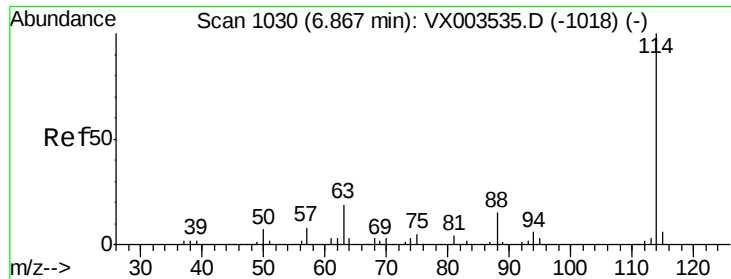
67 54.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

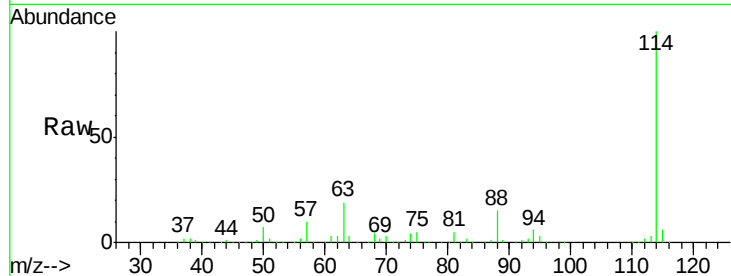




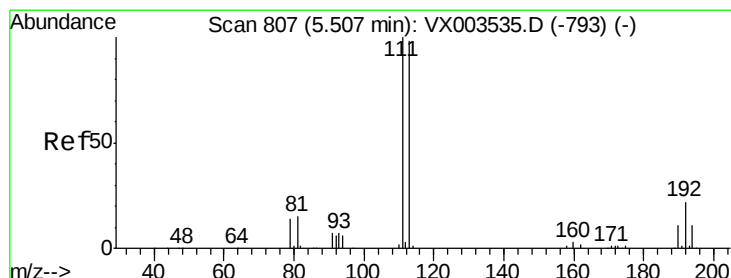
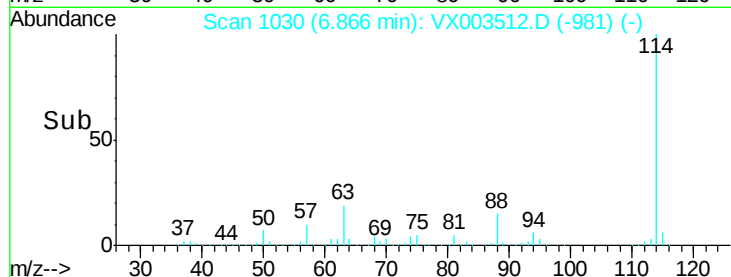
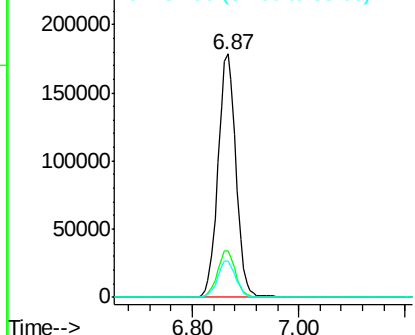
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003512.D
 Acq: 20 Jul 2018 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180713DL

Tot Ion:114 Resp: 421273
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.4
 88 15.0 0.0 30.0

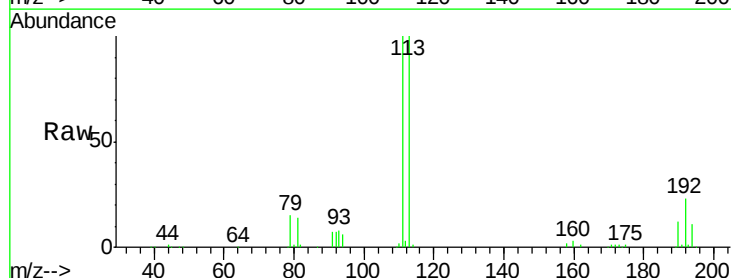


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

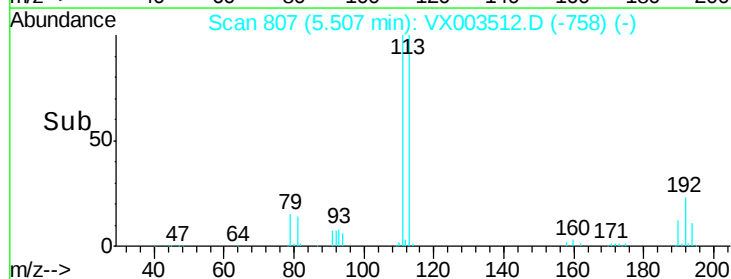
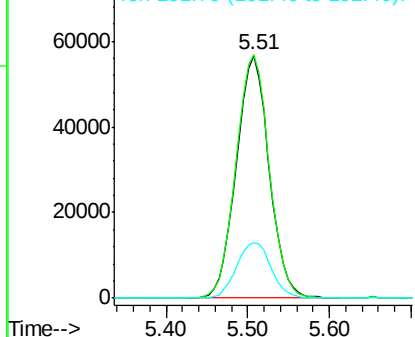


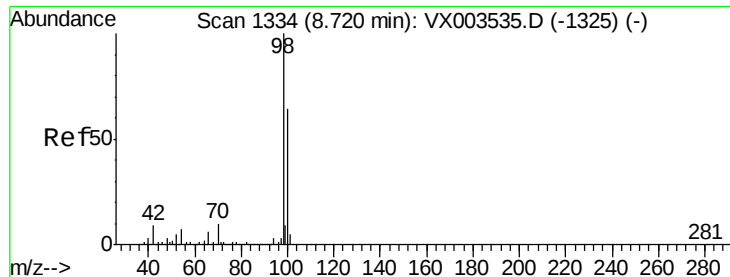
#35
 Dibromofluoromethane
 Concen: 49.37 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003512.D
 Acq: 20 Jul 2018 16:32

Tgt Ion:113 Resp: 158400
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.0
 192 24.0 19.1 28.7



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: 49.97 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003512.D

Acq: 20 Jul 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

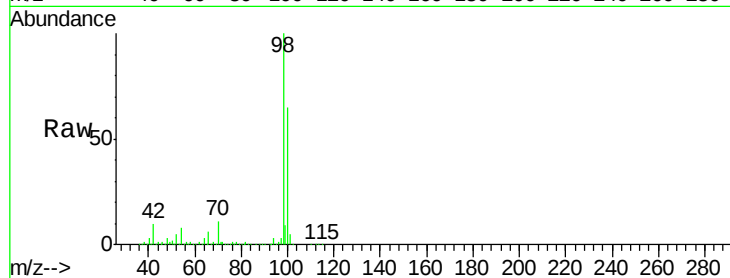
SS003RW114R-180713DL

Tot Ion: 98 Resp: 602673

Ion Ratio Lower Upper

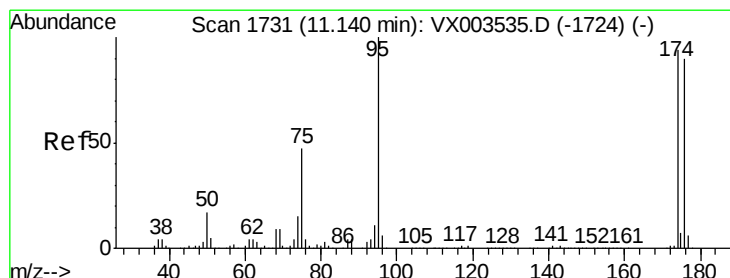
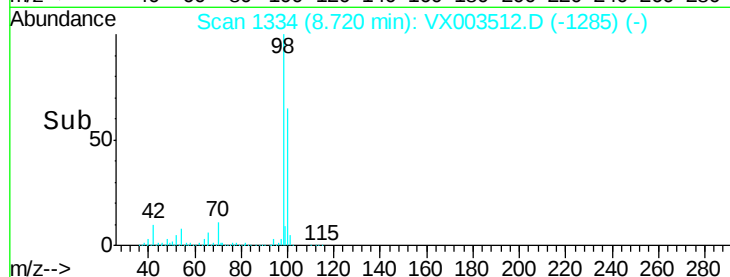
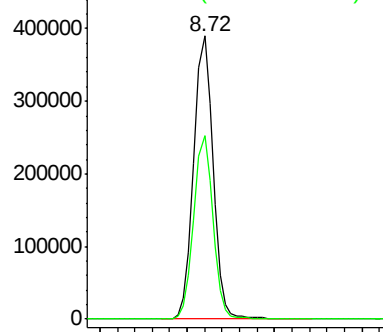
98 100

100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 47.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003512.D

Acq: 20 Jul 2018 16:32

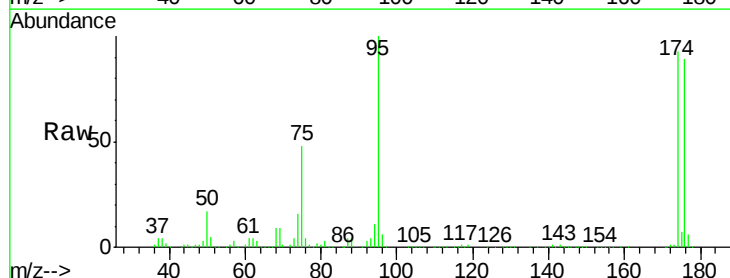
Tgt Ion: 95 Resp: 209066

Ion Ratio Lower Upper

95 100

174 94.2 0.0 187.4

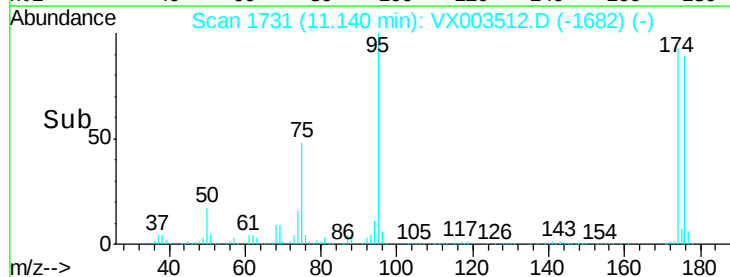
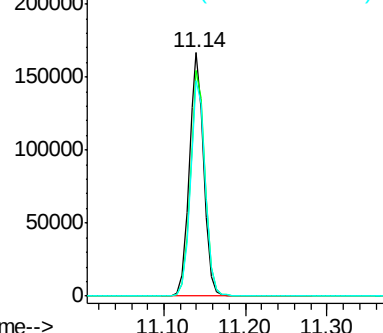
176 90.7 0.0 181.0

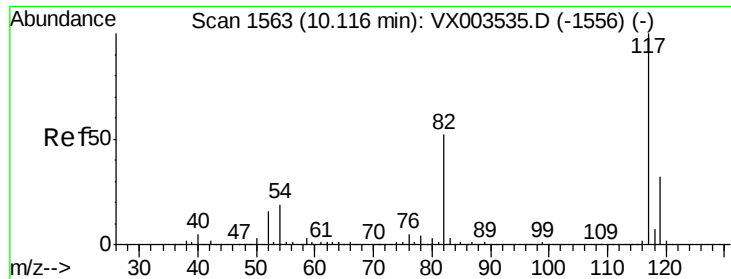


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

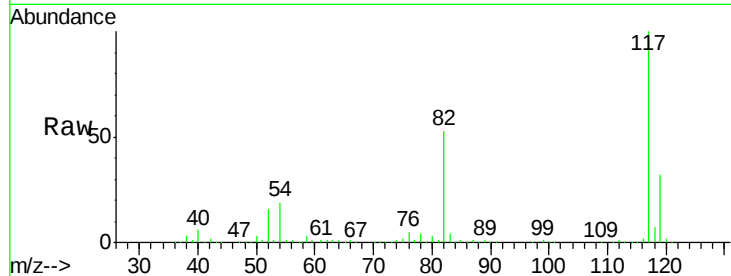




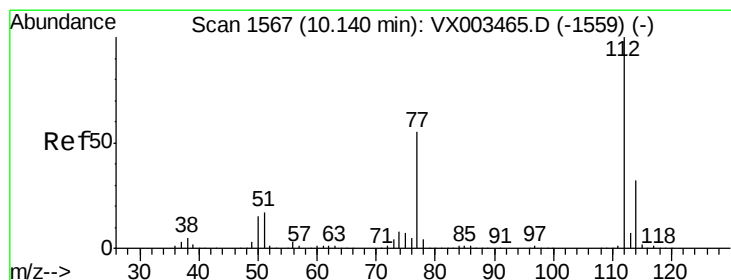
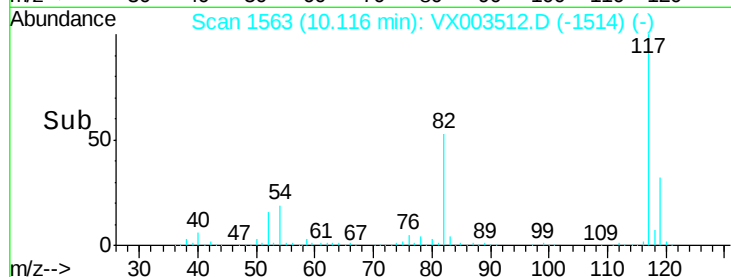
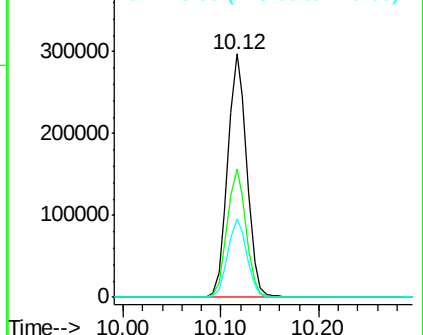
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003512.D
Acq: 20 Jul 2018 16:32

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180713DL

Tot Ion:117 Resp: 402552
Ion Ratio Lower Upper
117 100
82 52.9 45.0 67.4
119 32.2 25.8 38.6

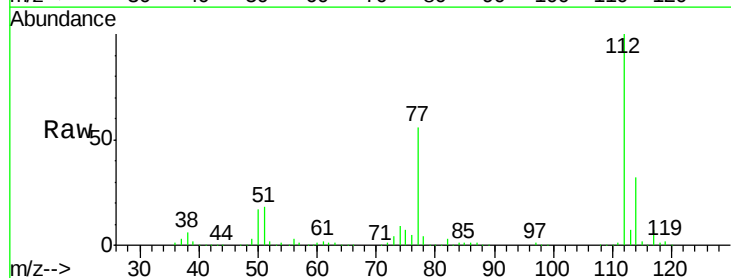


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

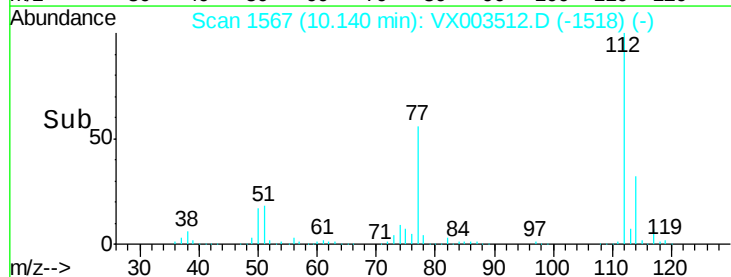
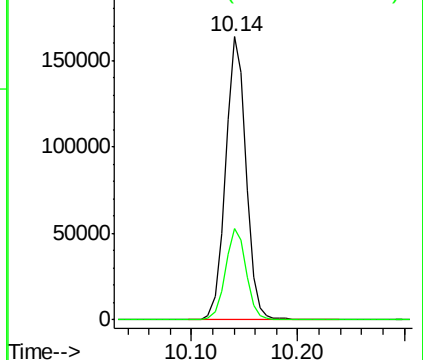


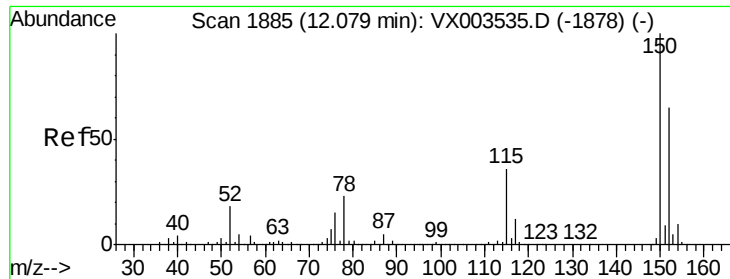
#65
Chlorobenzene
Concen: 21.22 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003512.D
Acq: 20 Jul 2018 16:32

Tgt Ion:112 Resp: 220118
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003512.D

Acq: 20 Jul 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180713DL

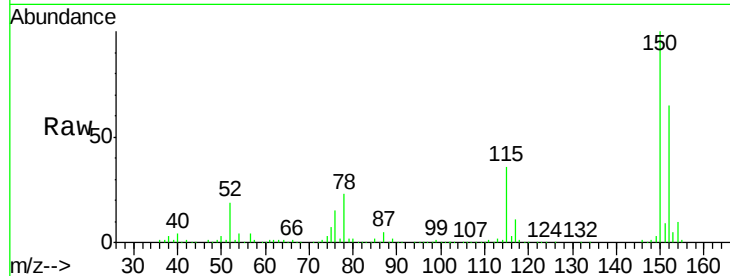
Tot Ion:152 Resp: 222259

Ion Ratio Lower Upper

152 100

115 53.7 40.1 120.2

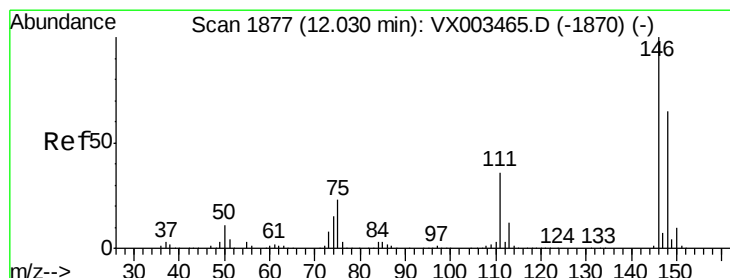
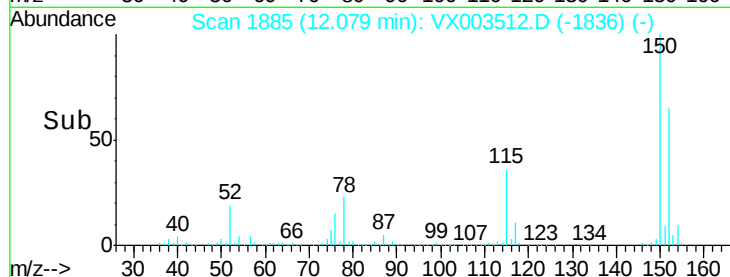
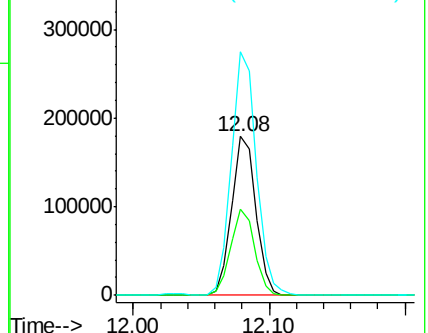
150 158.4 0.0 347.2



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



#87

1,3-Dichlorobenzene

Concen: 3.52 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003512.D

Acq: 20 Jul 2018 16:32

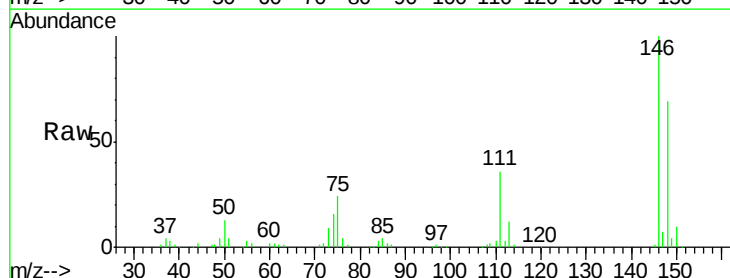
Tgt Ion:146 Resp: 28594

Ion Ratio Lower Upper

146 100

111 36.8 18.9 56.7

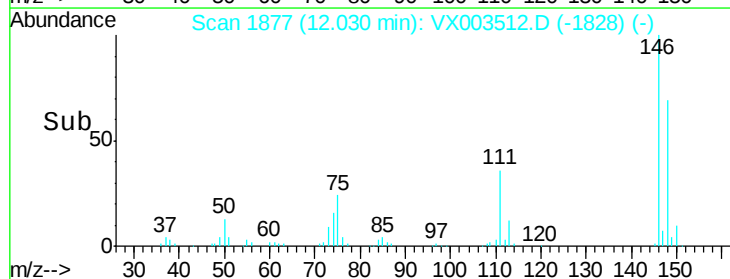
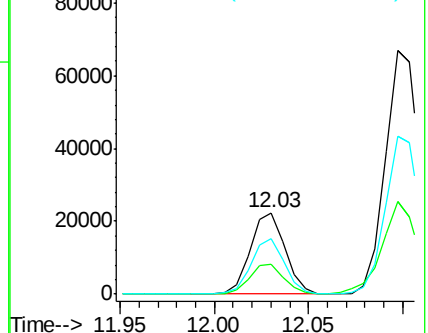
148 66.0 32.1 96.3

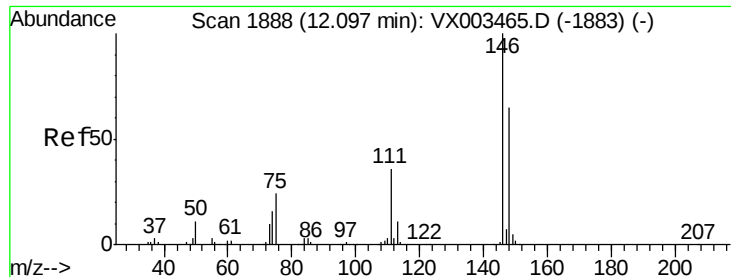


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 10.34 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX003512.D

Acq: 20 Jul 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180713DL

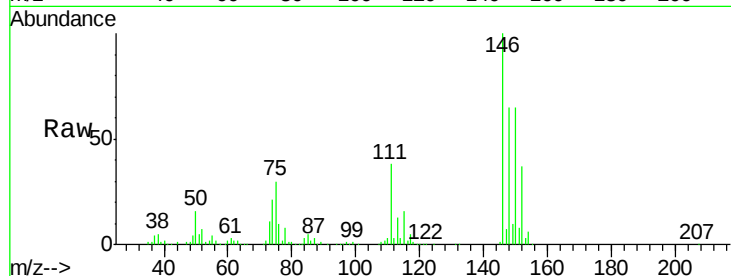
Tot Ion:146 Resp: 86562

Ion Ratio Lower Upper

146 100

111 38.8 18.7 56.1

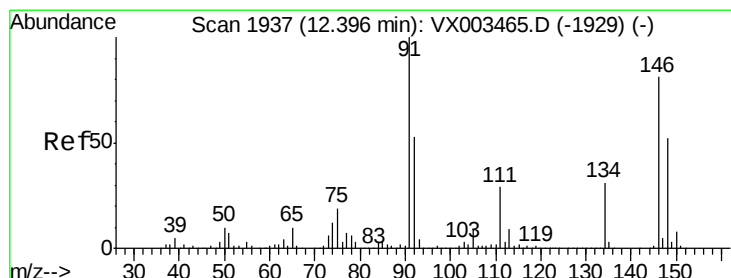
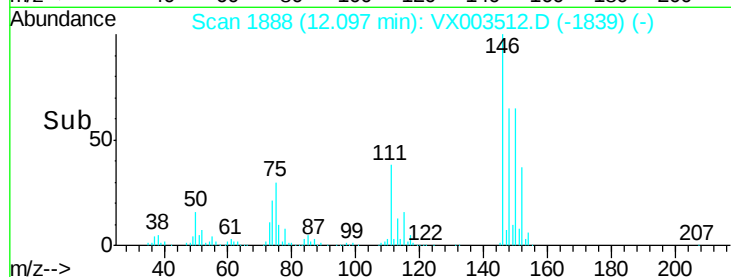
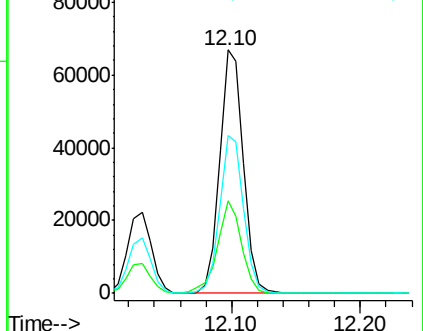
148 65.4 32.4 97.0



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



#91

1,2-Dichlorobenzene

Concen: 74.10 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003512.D

Acq: 20 Jul 2018 16:32

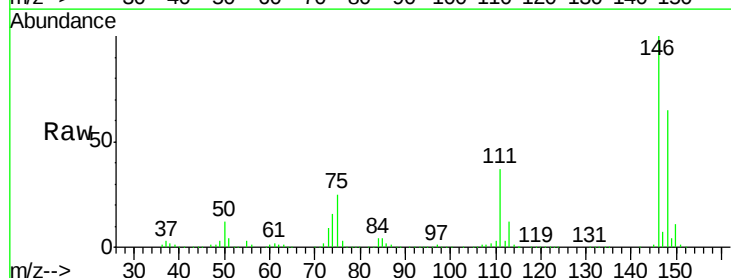
Tgt Ion:146 Resp: 593477

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.1

148 64.3 31.7 95.1



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

