

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001095.D
 Acq On : 25 Apr 2018 00:01
 Operator : JC/MD
 Sample : J2463-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014NW091-180416

Quant Time: Apr 25 08:02:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

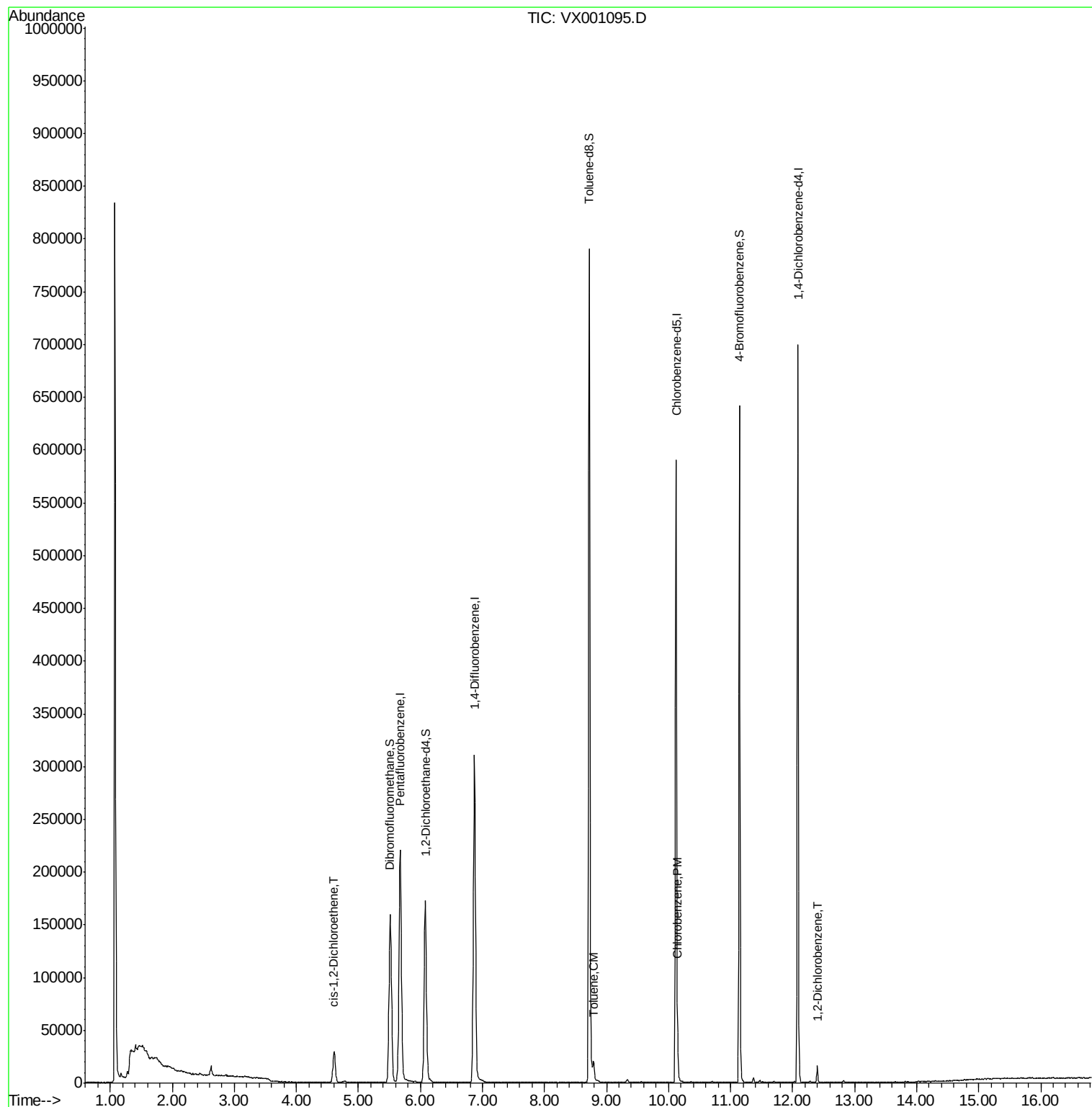
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322418	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	148341	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	167180	57.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.40%	
35) Dibromofluoromethane	5.51	113	127345	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
50) Toluene-d8	8.72	98	485403	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
62) 4-Bromofluorobenzene	11.14	95	159995	41.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.88%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.61	96	18466	6.63	ug/l	88
52) Toluene	8.79	92	4959	0.72	ug/l	96
65) Chlorobenzene	10.15	112	13741	1.83	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	4915	0.96	ug/l	97

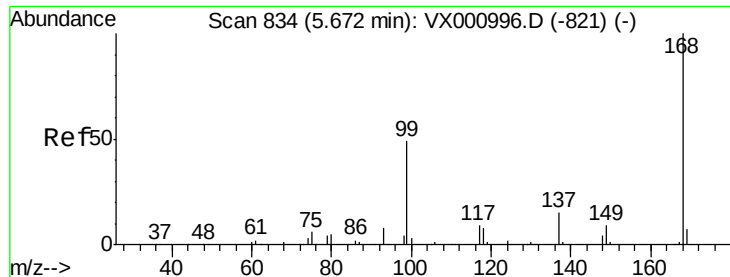
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001095.D

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MSVOA_X

ClientSampleId :

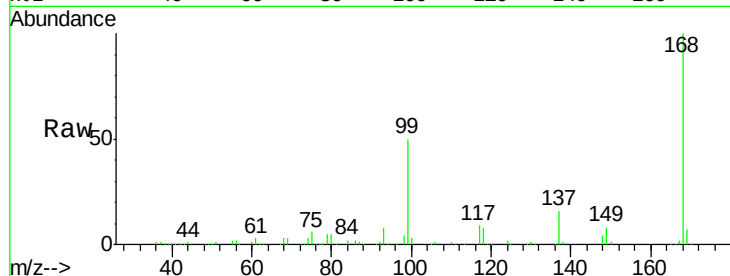
LF014NW091-180416

Tot Ion:168 Resp: 230547

Ion Ratio Lower Upper

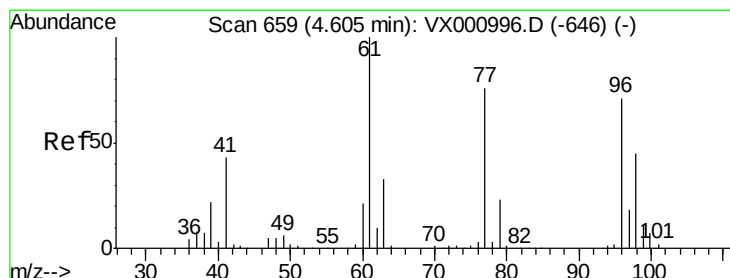
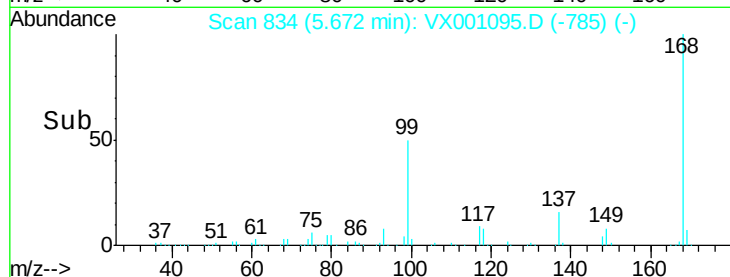
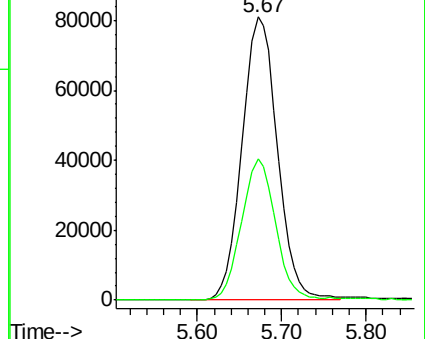
168 100

99 50.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 6.63 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001095.D

Acq: 25 Apr 2018 00:01

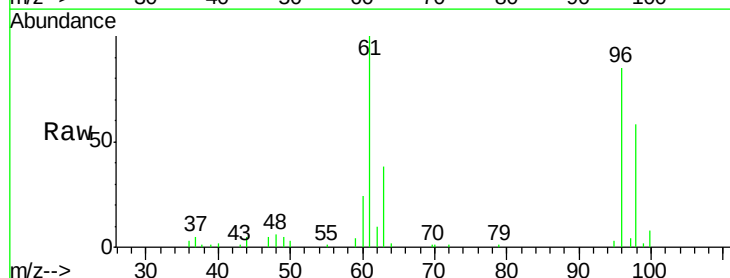
Tgt Ion: 96 Resp: 18466

Ion Ratio Lower Upper

96 100

61 126.6 0.0 297.0

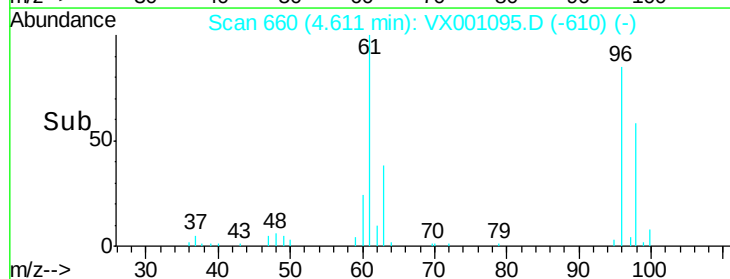
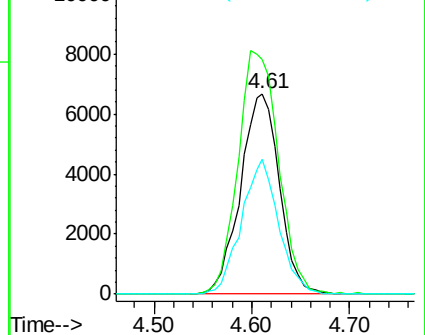
98 64.3 0.0 130.0

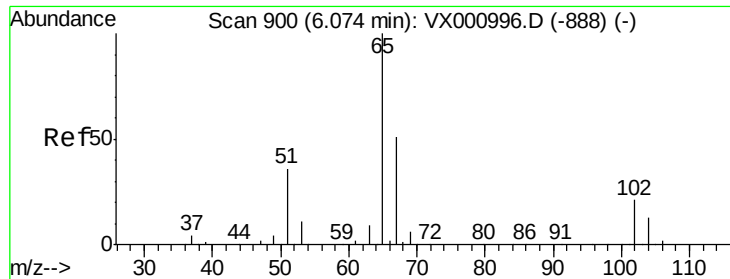


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

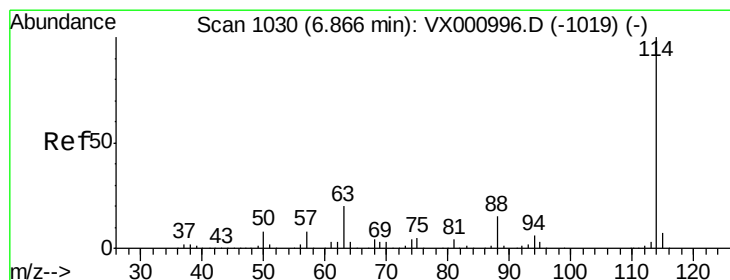
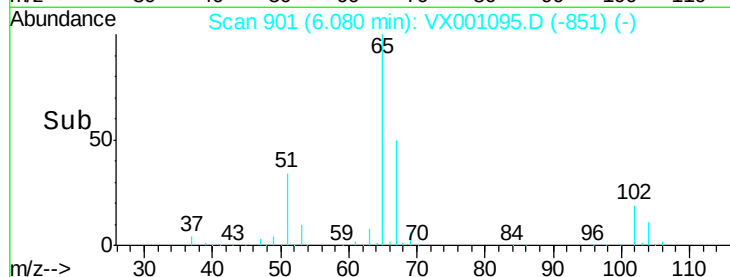
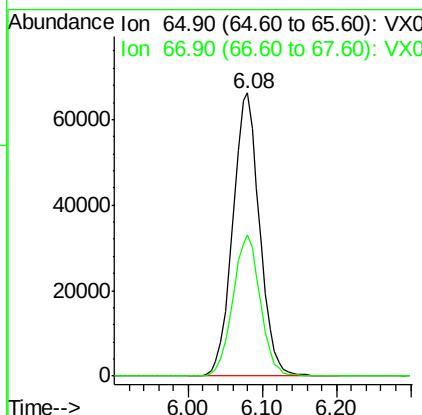
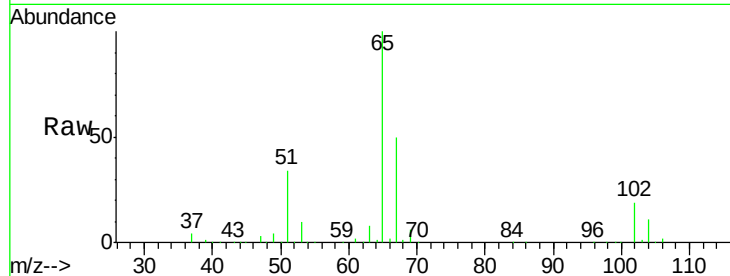




#33
 1,2-Dichloroethane-d4
 Concen: 57.20 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001095.D
 Acq: 25 Apr 2018 00:01

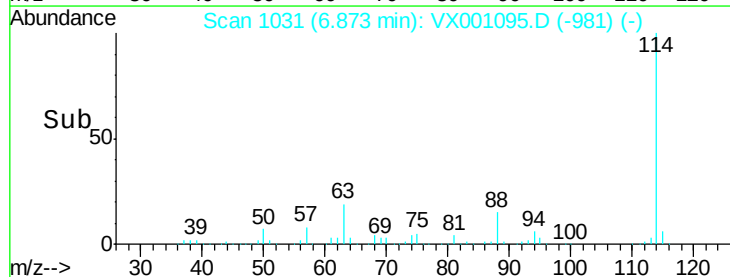
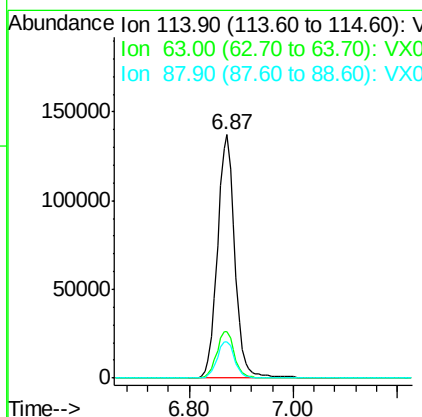
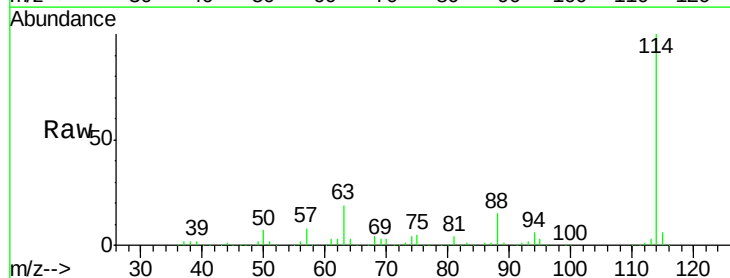
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014NW091-180416

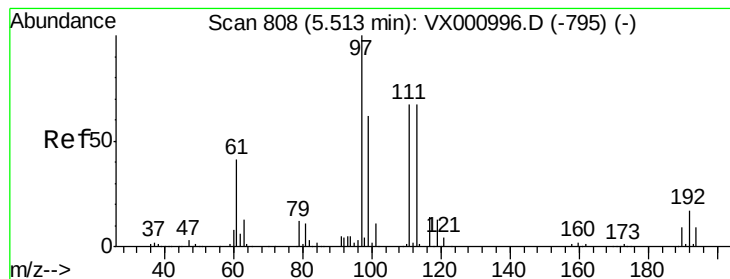
Tot Ion: 65 Resp: 167180
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001095.D
 Acq: 25 Apr 2018 00:01

Tgt Ion: 114 Resp: 322418
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.4
 88 15.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 51.80 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001095.D

Acq: 25 Apr 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

LF014NW091-180416

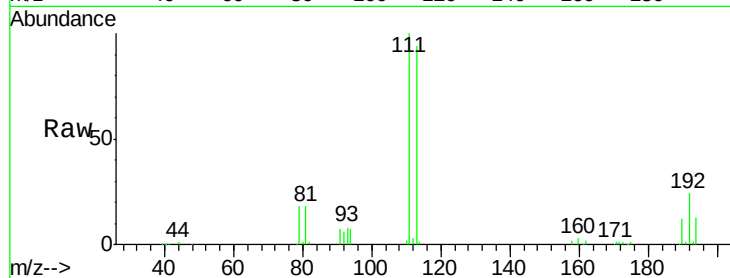
Tot Ion:113 Resp: 127345

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.2

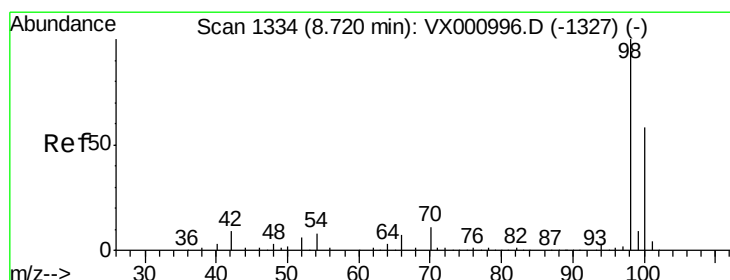
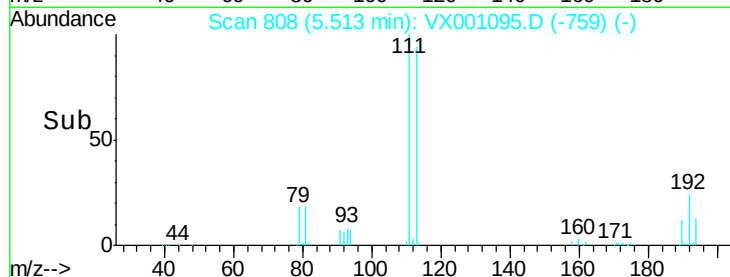
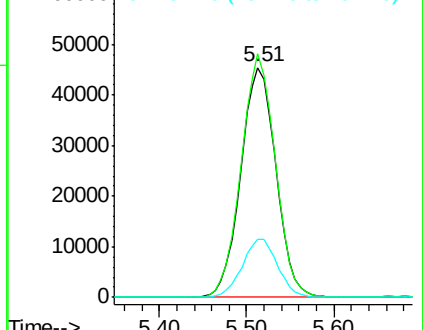
192 25.6 20.4 30.6



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: 53.39 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001095.D

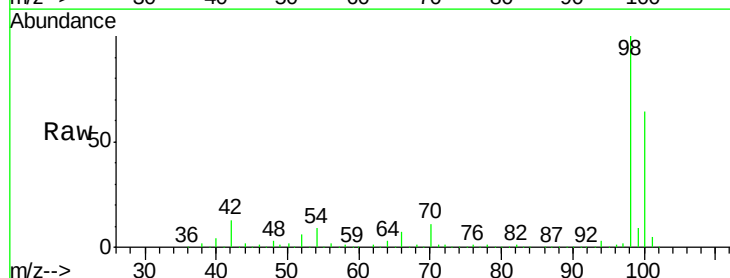
Acq: 25 Apr 2018 00:01

Tgt Ion: 98 Resp: 485403

Ion Ratio Lower Upper

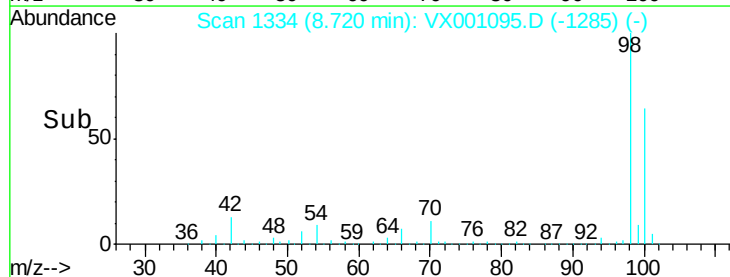
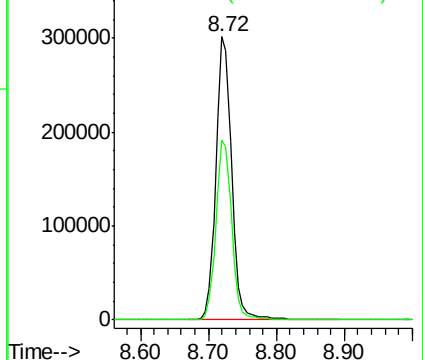
98 100

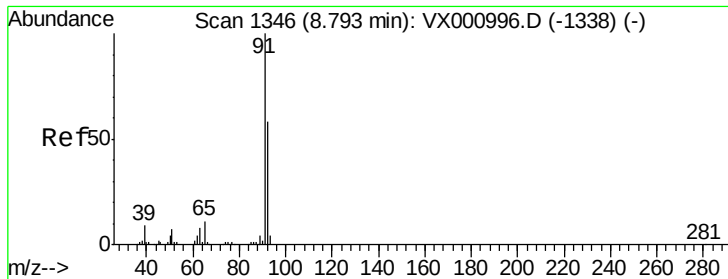
100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.72 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001095.D

Acq: 25 Apr 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

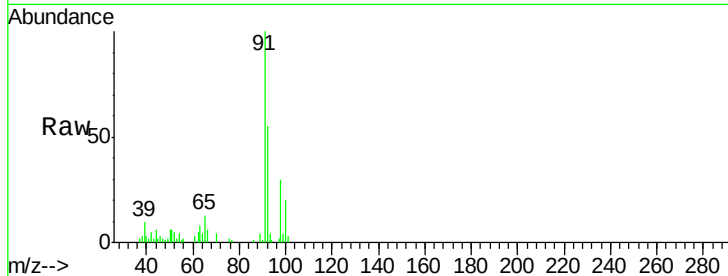
LF014NW091-180416

Tot Ion: 92 Resp: 4959

Ion Ratio Lower Upper

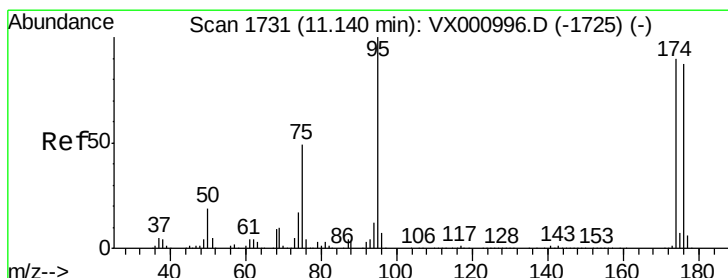
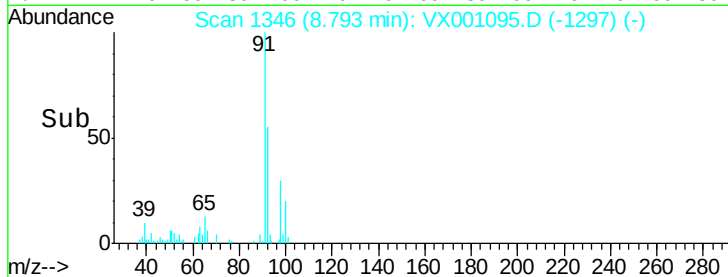
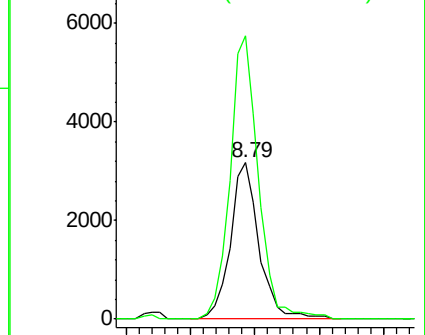
92 100

91 178.3 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 41.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001095.D

Acq: 25 Apr 2018 00:01

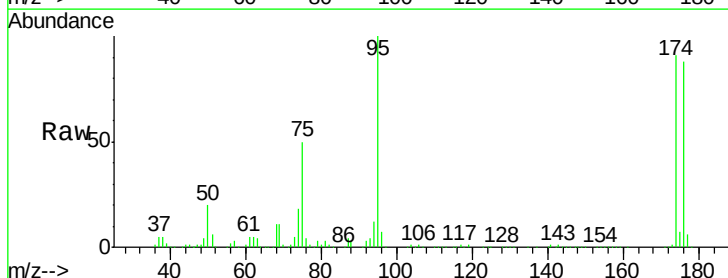
Tgt Ion: 95 Resp: 159995

Ion Ratio Lower Upper

95 100

174 100.0 0.0 198.4

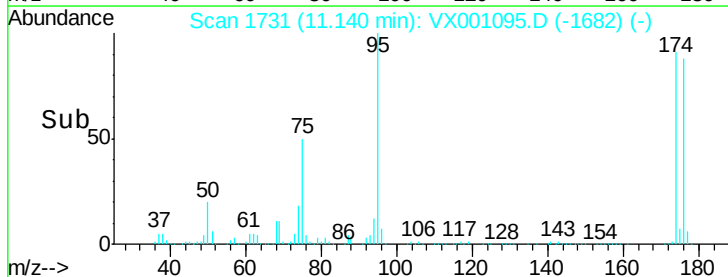
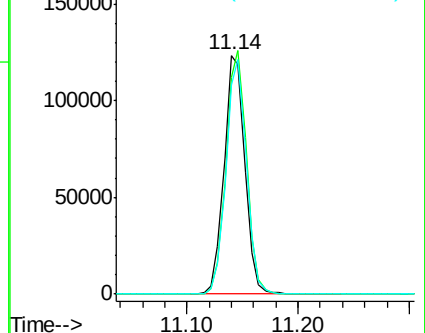
176 96.1 0.0 192.0

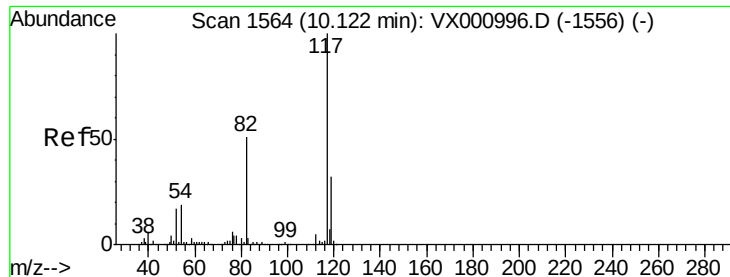


Abundance Ion 94.90 (94.60 to 95.60): VX0

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# 1564

Delta R.T. 0.00 min

Lab File: VX001095.D

Acq: 25 Apr 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

LF014NW091-180416

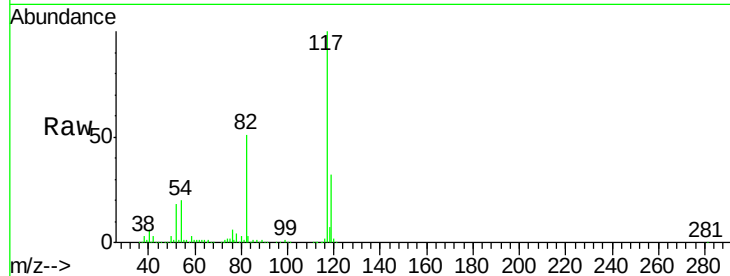
Tot Ion:117 Resp: 282277

Ion Ratio Lower Upper

117 100

82 51.4 40.6 60.8

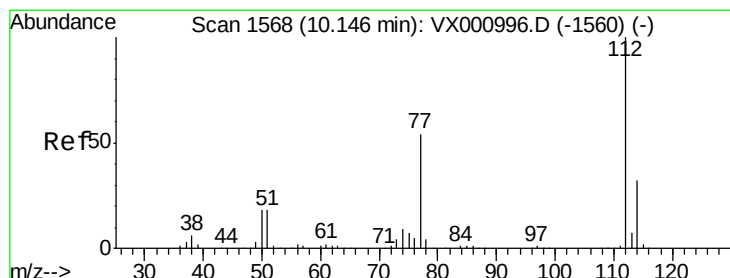
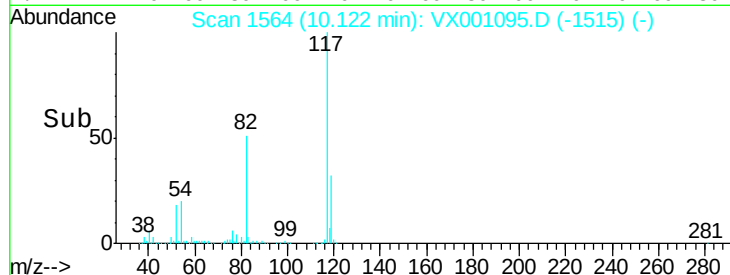
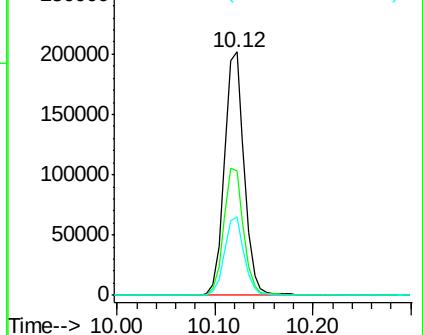
119 32.1 26.0 39.0



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: 1.83 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001095.D

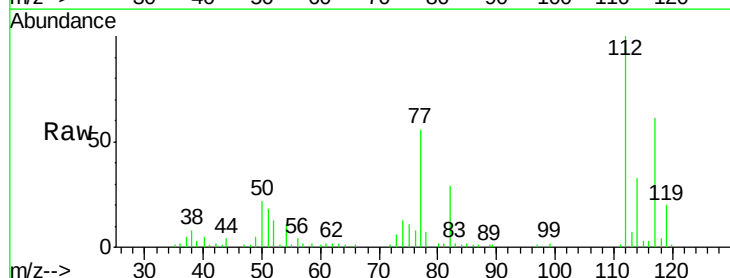
Acq: 25 Apr 2018 00:01

Tgt Ion:112 Resp: 13741

Ion Ratio Lower Upper

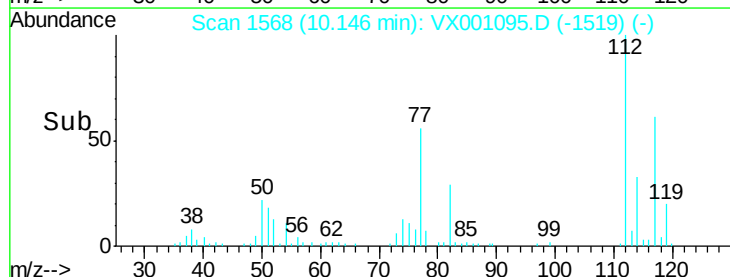
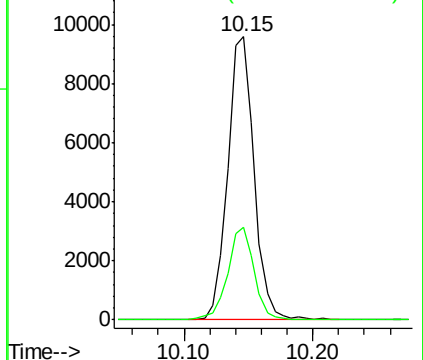
112 100

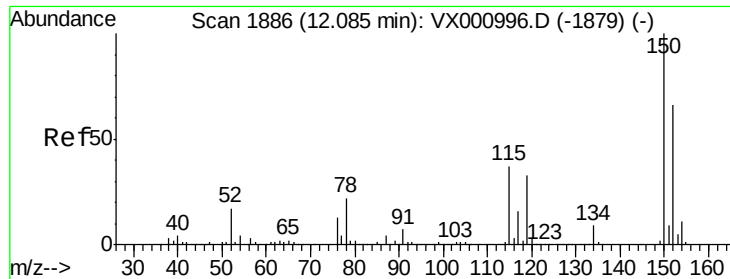
114 32.8 25.5 38.3



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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001095.D

Acq: 25 Apr 2018 00:01

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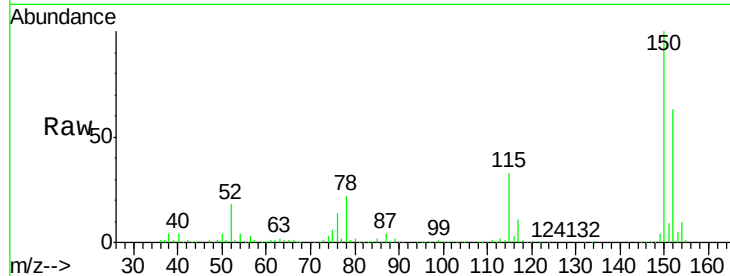
Tot Ion:152 Resp: 148341

Ion Ratio Lower Upper

152 100

115 53.4 38.2 114.6

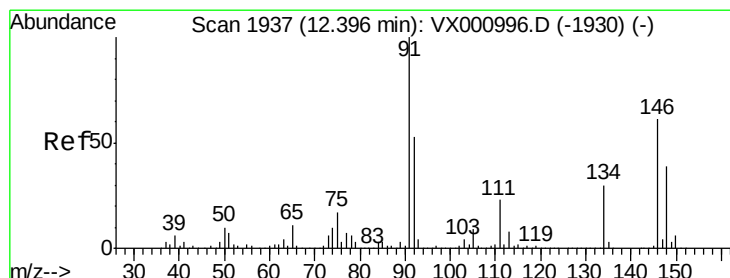
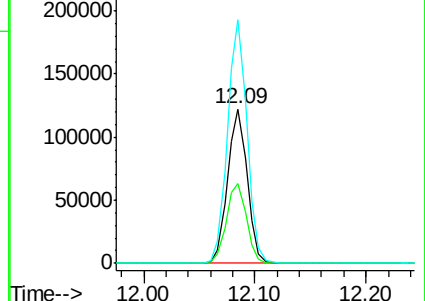
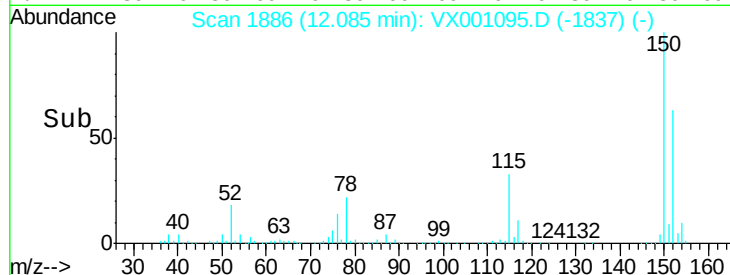
150 156.7 0.0 350.4



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: 0.96 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001095.D

Acq: 25 Apr 2018 00:01

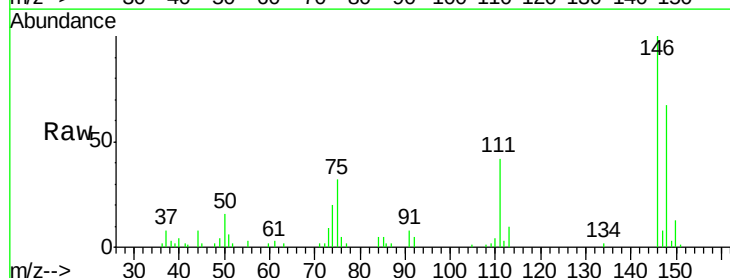
Tgt Ion:146 Resp: 4915

Ion Ratio Lower Upper

146 100

111 37.0 18.6 56.0

148 60.7 32.3 96.8



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

