

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001065.D
 Acq On : 23 Apr 2018 18:01
 Operator : JC/MD
 Sample : J2464-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW005-180417

Quant Time: Apr 24 08:05:06 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

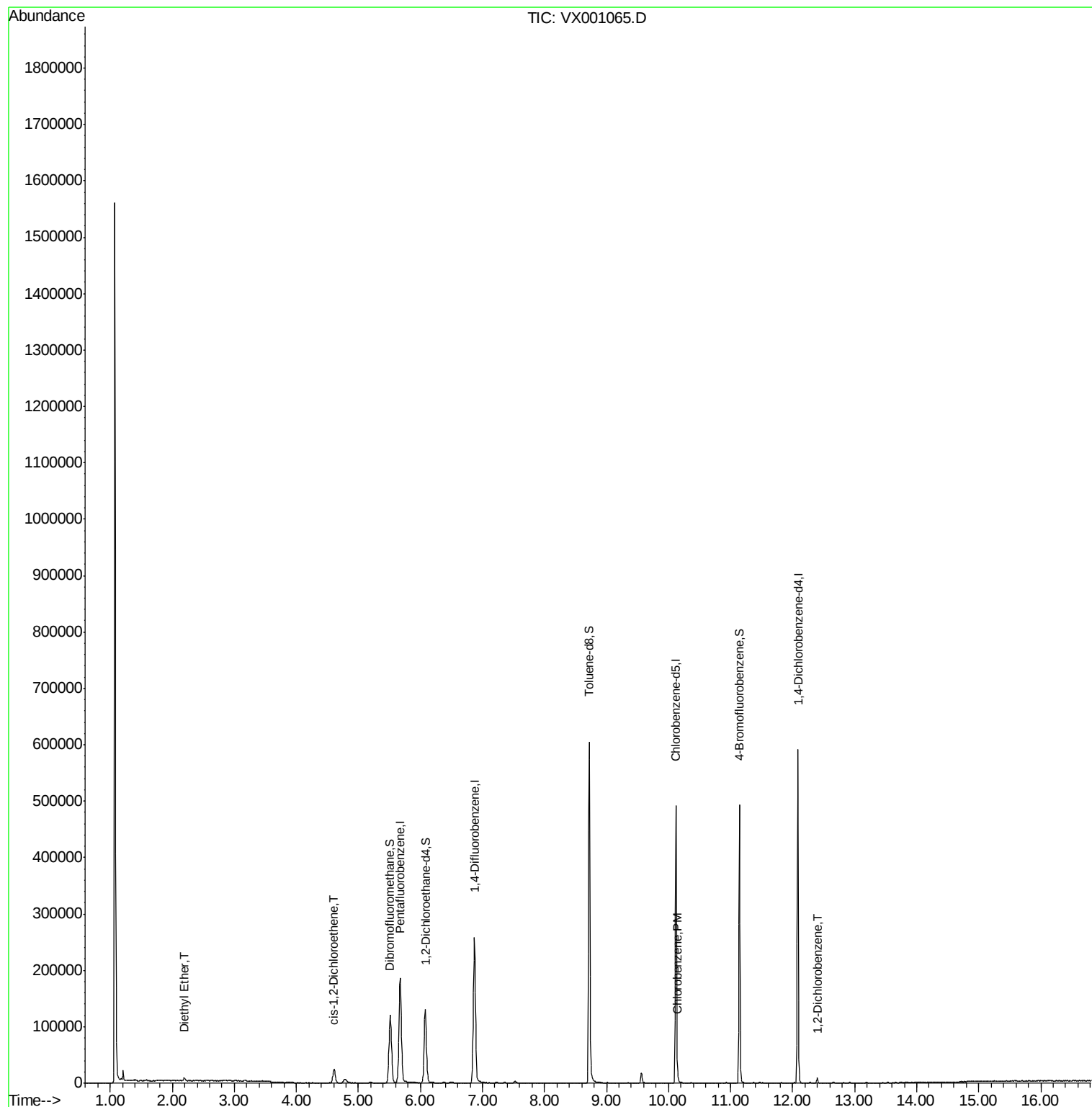
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	198503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	273038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	234533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	123024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	127811	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
35) Dibromofluoromethane	5.51	113	98782	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	8.72	98	375208	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.14	95	125019	38.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.38%	
Target Compounds						
8) Diethyl Ether	2.20	74	2376	1.80	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	15492	6.46	ug/l	87
65) Chlorobenzene	10.15	112	2349	0.38	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	2821	0.67	ug/l	92

(#) = 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: VX001065.D

Acq: 23 Apr 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

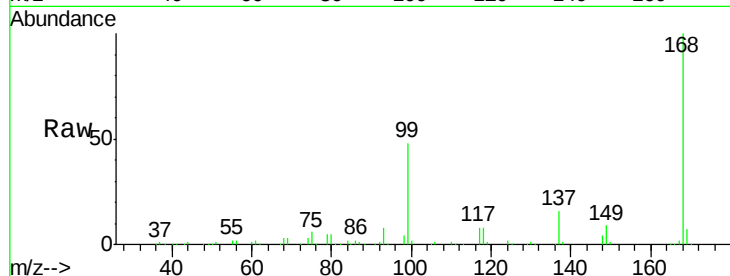
LF017MW005-180417

Tot Ion:168 Resp: 198503

Ion Ratio Lower Upper

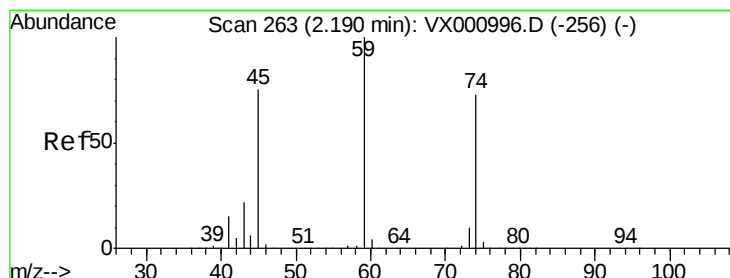
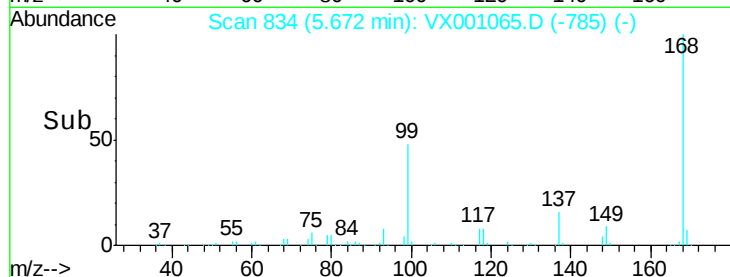
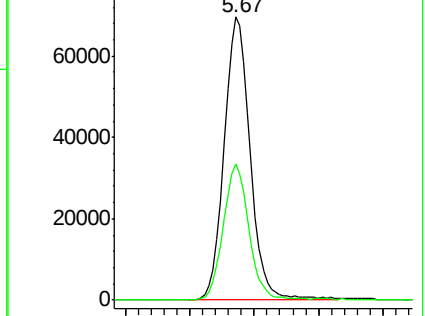
168 100

99 48.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 1.80 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX001065.D

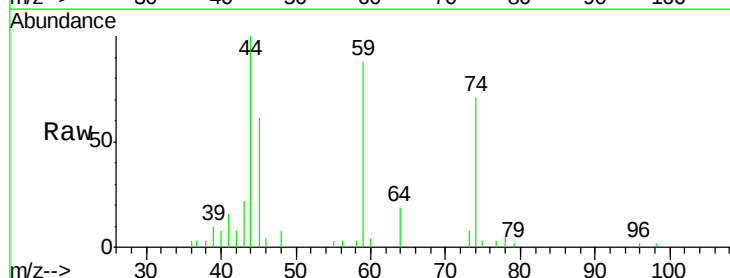
Acq: 23 Apr 2018 18:01

Tgt Ion: 74 Resp: 2376

Ion Ratio Lower Upper

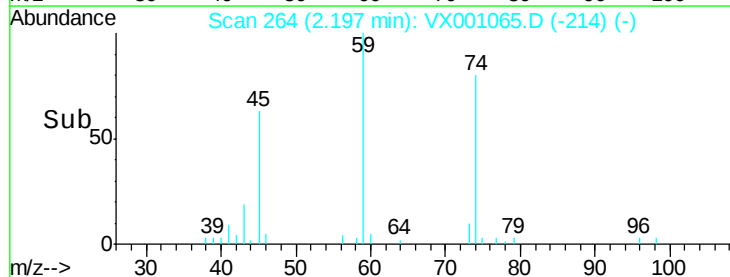
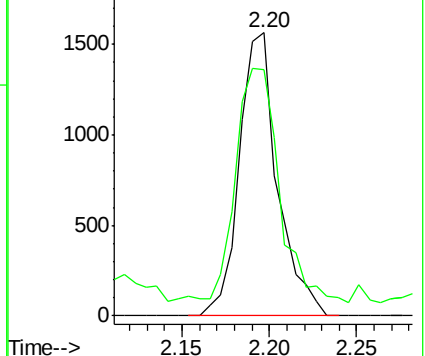
74 100

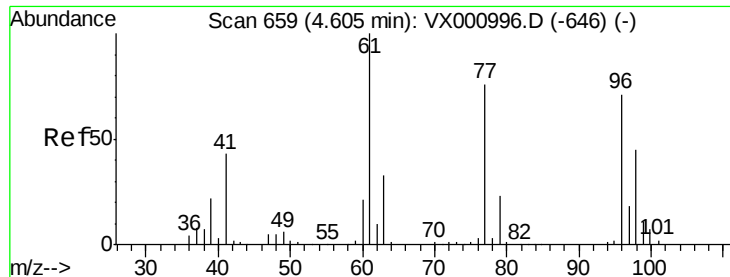
45 94.5 49.0 147.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 6.46 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001065.D

Acq: 23 Apr 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

LF017MW005-180417

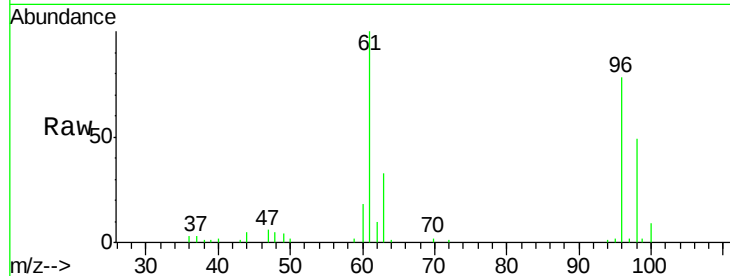
Tot Ion: 96 Resp: 15492

Ion Ratio Lower Upper

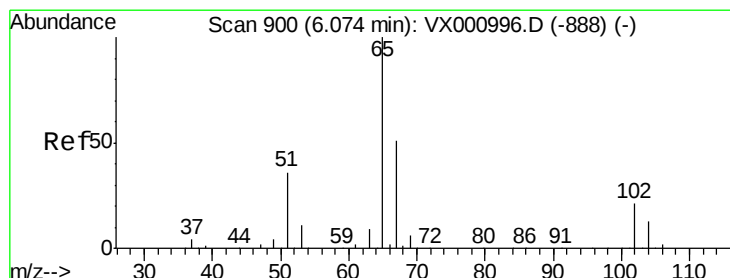
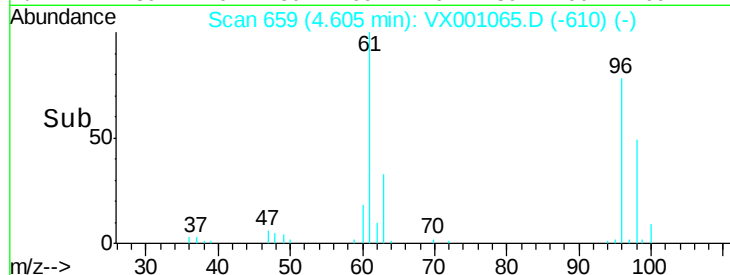
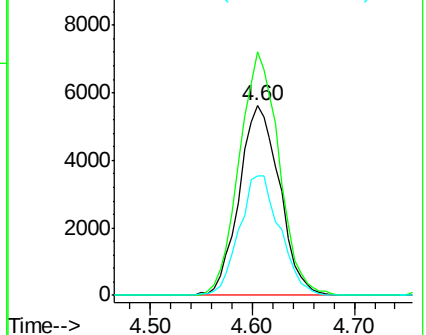
96 100

61 126.1 0.0 297.0

98 63.6 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: 50.79 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001065.D

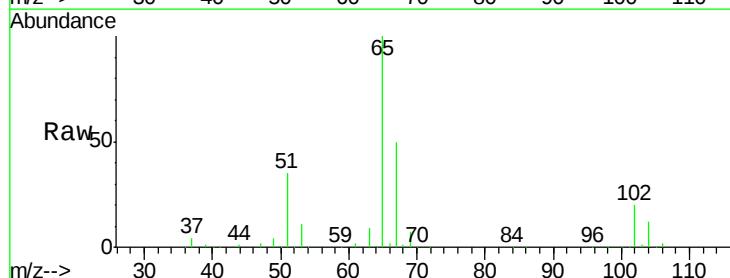
Acq: 23 Apr 2018 18:01

Tgt Ion: 65 Resp: 127811

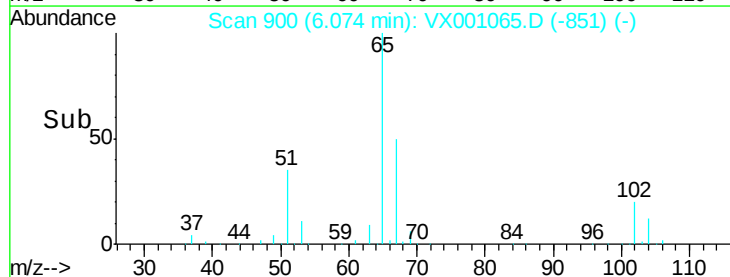
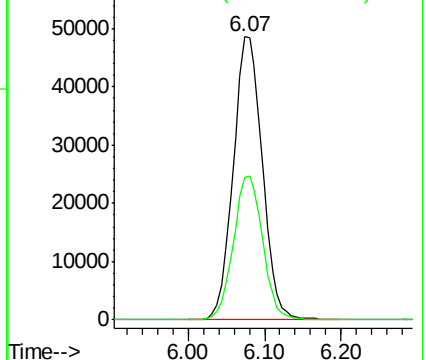
Ion Ratio Lower Upper

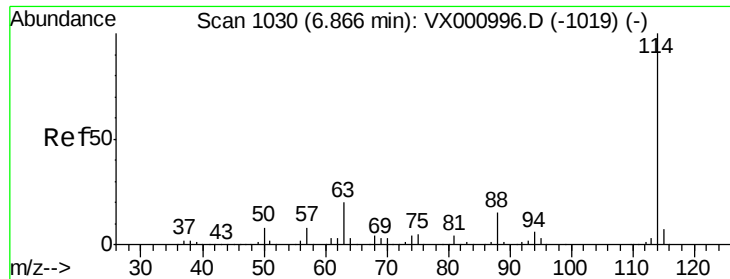
65 100

67 51.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

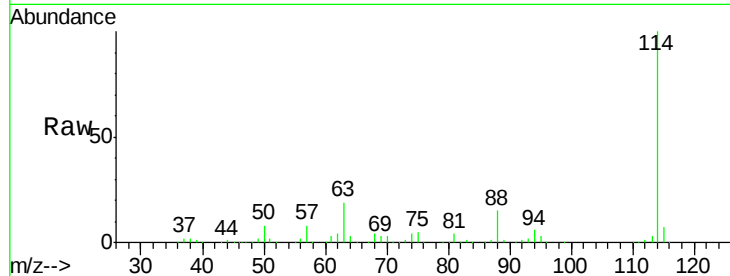




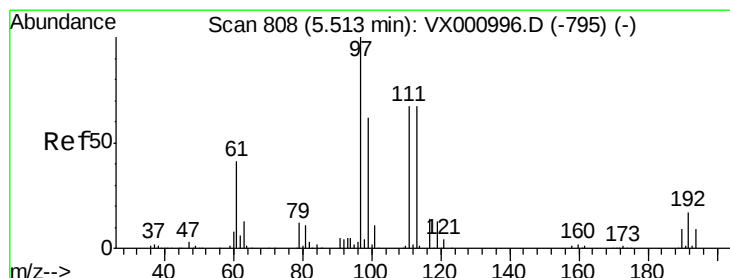
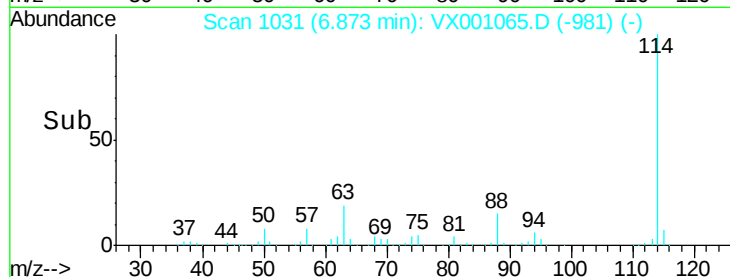
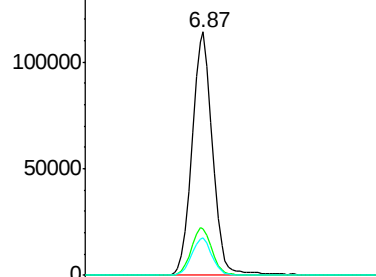
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX001065.D
Acq: 23 Apr 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :
LF017MW005-180417

Tot Ion:114 Resp: 273038
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.4
88 15.3 0.0 29.8

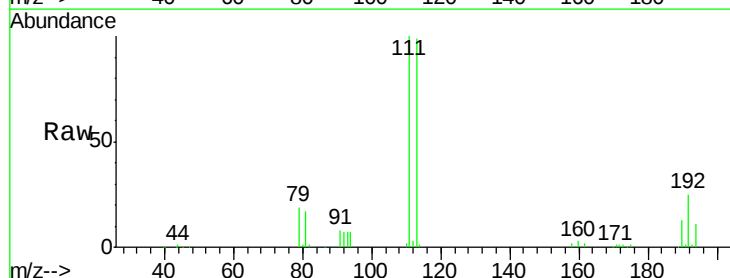


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX
Ion 87.90 (87.60 to 88.60): VX

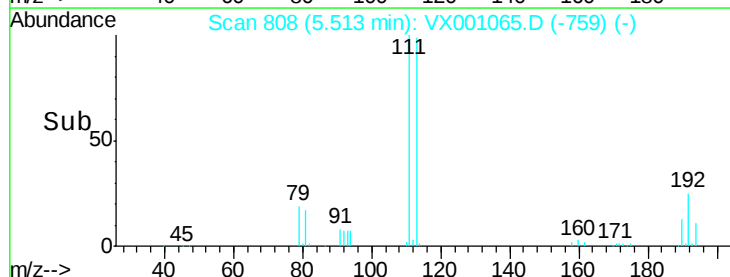
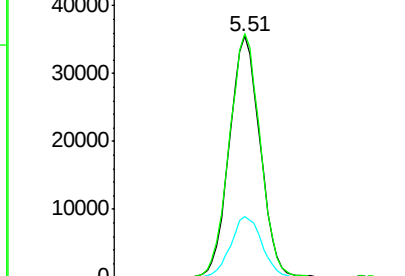


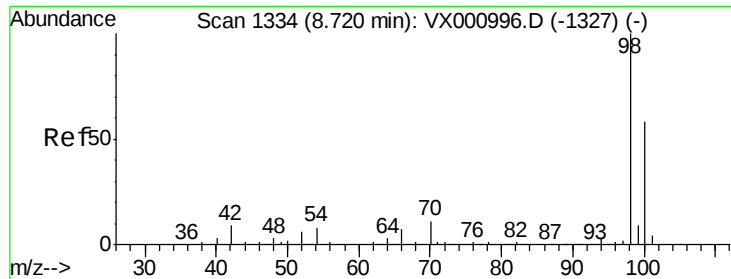
#35
Dibromofluoromethane
Concen: 47.45 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001065.D
Acq: 23 Apr 2018 18:01

Tgt Ion:113 Resp: 98782
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.2
192 25.3 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: 48.74 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001065.D

Acq: 23 Apr 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

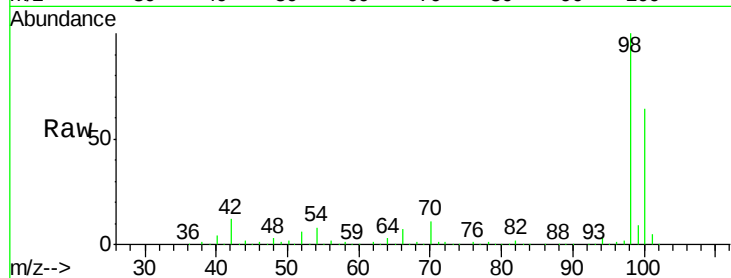
LF017MW005-180417

Tot Ion: 98 Resp: 375208

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

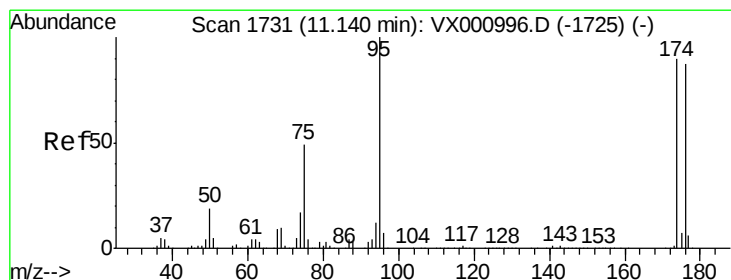
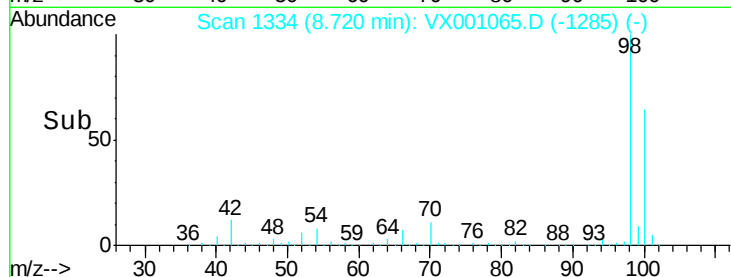
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 38.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001065.D

Acq: 23 Apr 2018 18:01

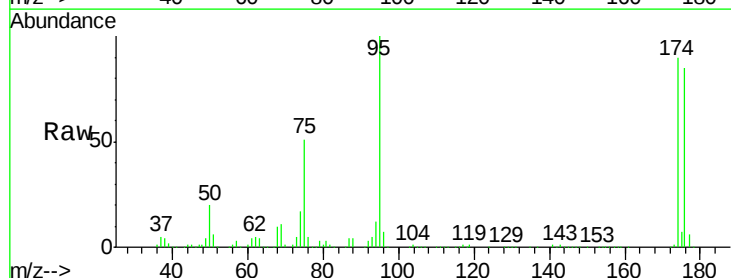
Tgt Ion: 95 Resp: 125019

Ion Ratio Lower Upper

95 100

174 97.3 0.0 198.4

176 94.1 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

120000

100000

80000

60000

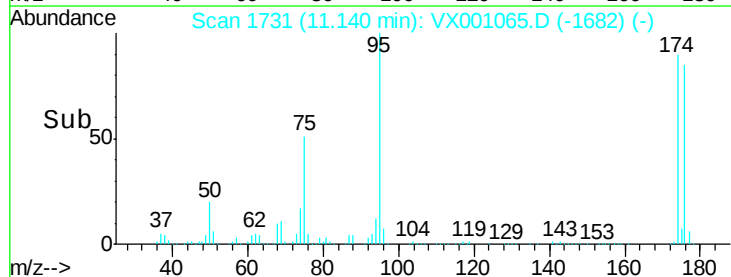
40000

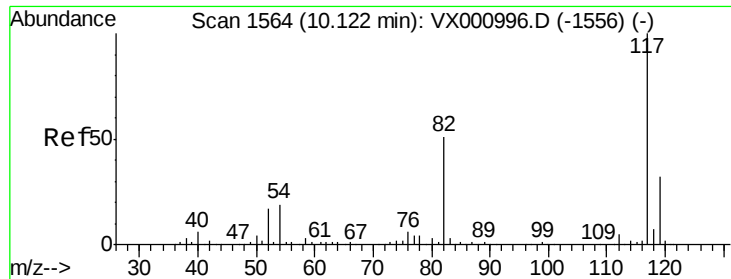
20000

0

11.10 11.20

Time-->

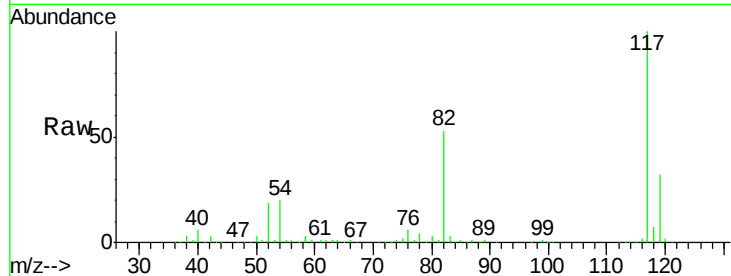




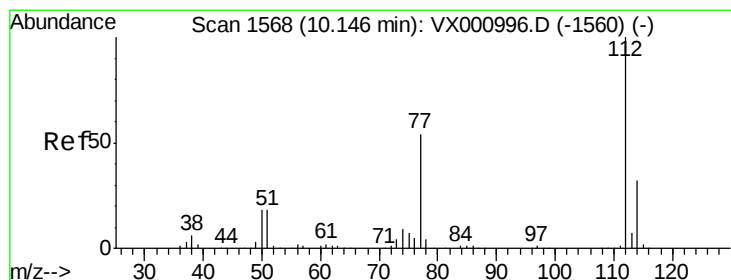
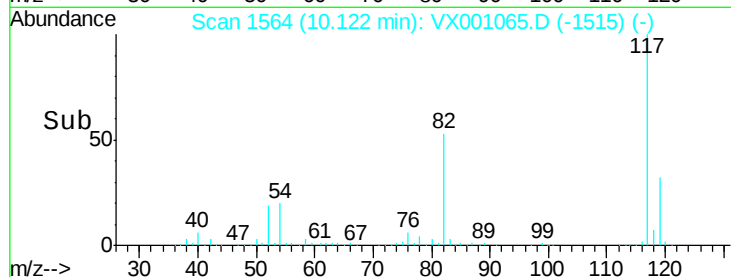
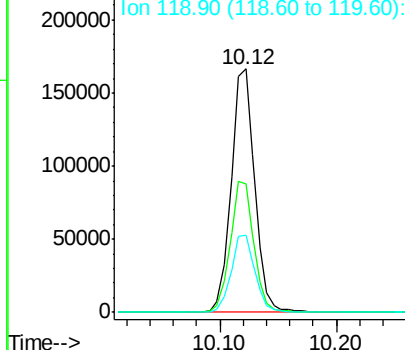
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001065.D
Acq: 23 Apr 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :
LF017MW005-180417

Tot Ion:117 Resp: 234533
Ion Ratio Lower Upper
117 100
82 52.6 40.6 60.8
119 31.9 26.0 39.0

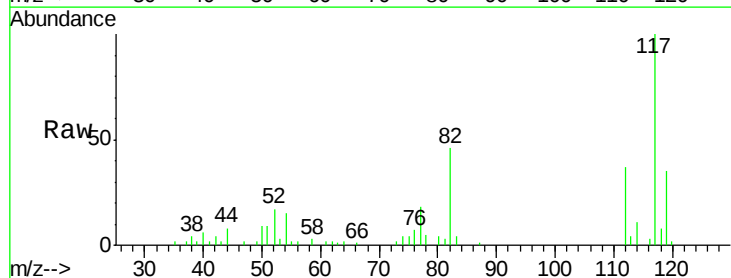


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

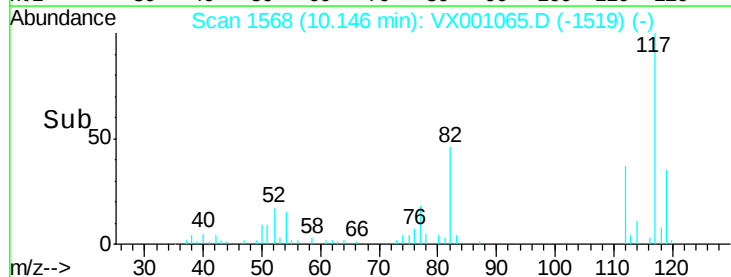
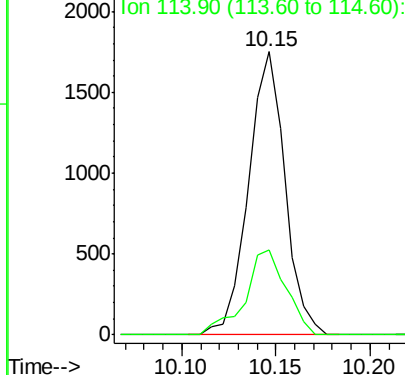


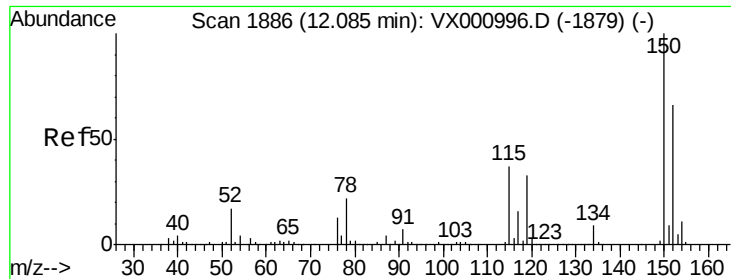
#65
Chlorobenzene
Concen: 0.38 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001065.D
Acq: 23 Apr 2018 18:01

Tgt Ion:112 Resp: 2349
Ion Ratio Lower Upper
112 100
114 29.9 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: VX001065.D

Acq: 23 Apr 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

LF017MW005-180417

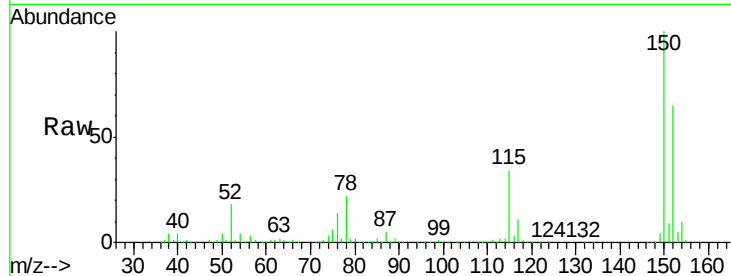
Tot Ion:152 Resp: 123024

Ion Ratio Lower Upper

152 100

115 53.7 38.2 114.6

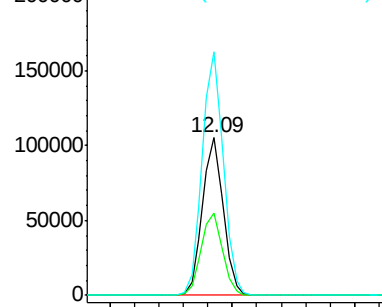
150 156.9 0.0 350.4



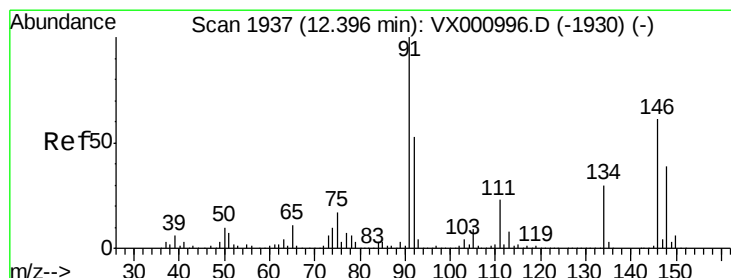
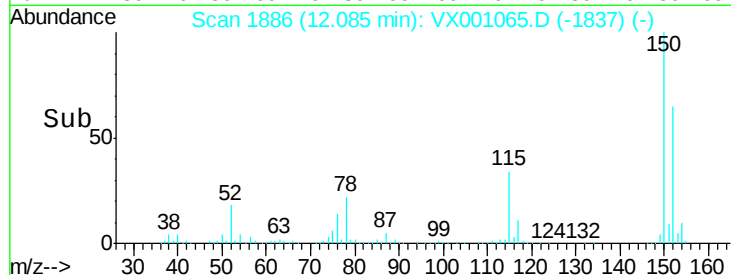
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->



#91

1,2-Dichlorobenzene

Concen: 0.67 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001065.D

Acq: 23 Apr 2018 18:01

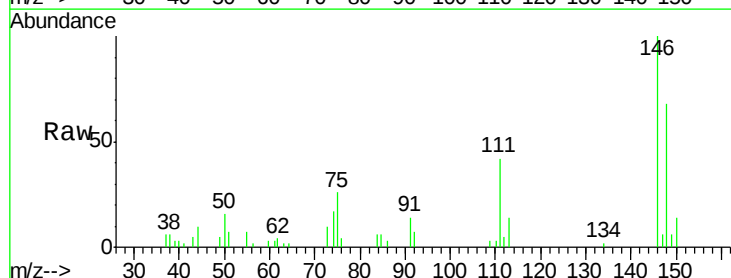
Tgt Ion:146 Resp: 2821

Ion Ratio Lower Upper

146 100

111 42.9 18.6 56.0

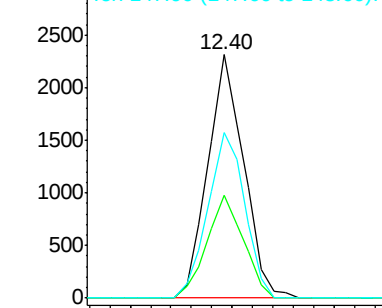
148 69.6 32.3 96.8



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



Time-->

