

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000441.D
 Acq On : 26 Mar 2018 15:25
 Operator : JC/MD
 Sample : J1758-08 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-02-032318-D

Quant Time: Mar 27 07:57:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

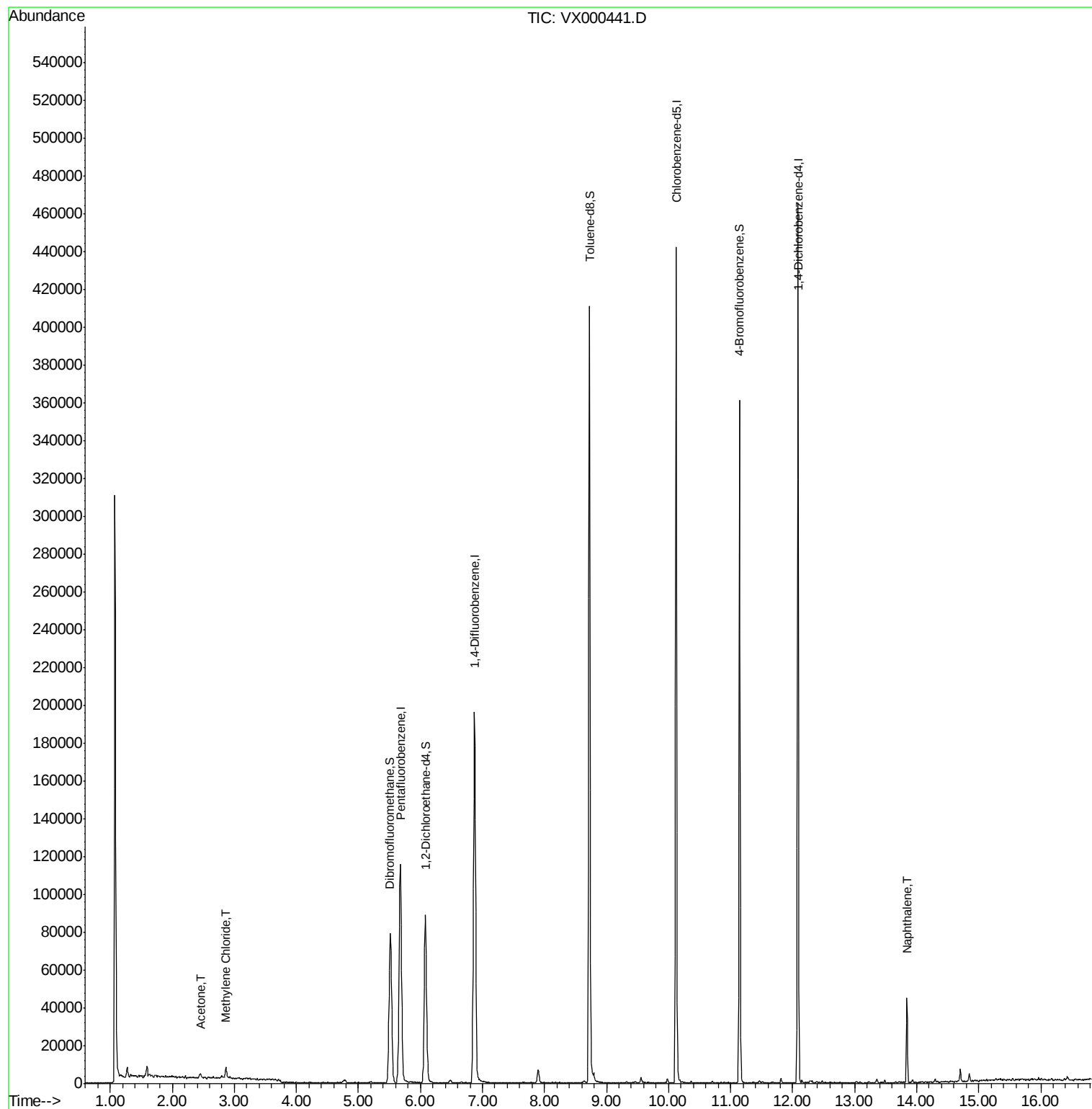
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	110239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	195950	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	185961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	87450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	81218	56.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.88%	
35) Dibromofluoromethane	5.52	113	63544	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
50) Toluene-d8	8.73	98	245416	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.15	95	81417	39.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.40%	
Target Compounds						
16) Acetone	2.45	43	2596	2.17	ug/l	92
20) Methylene Chloride	2.87	84	1933	1.40	ug/l #	69
95) Naphthalene	13.84	128	25631	3.59	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000441.D

Acq: 26 Mar 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

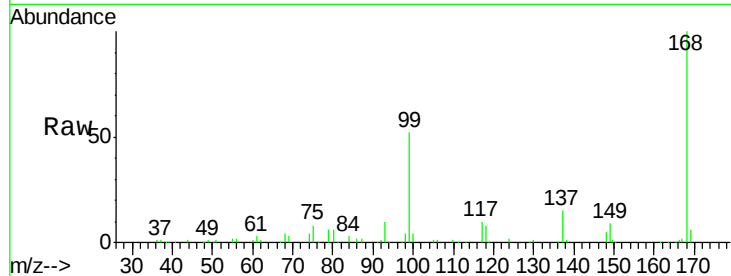
PL-02-032318-D

Tot Ion:168 Resp: 110239

Ion Ratio Lower Upper

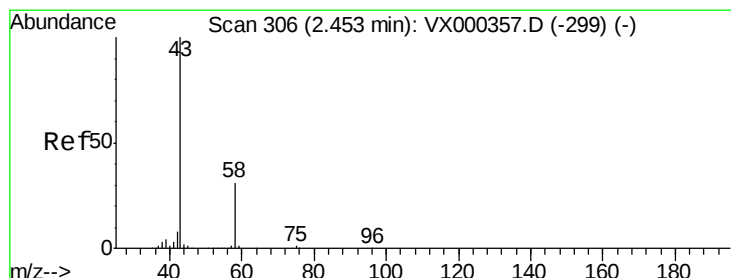
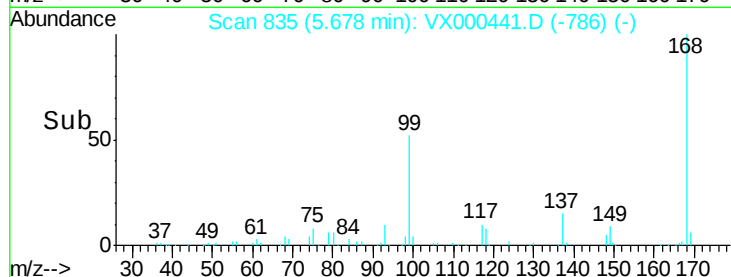
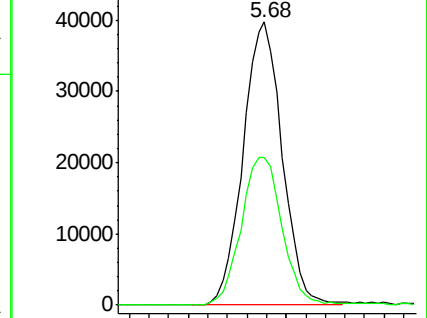
168 100

99 52.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.17 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000441.D

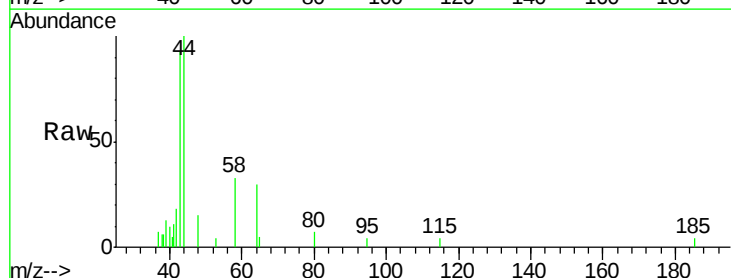
Acq: 26 Mar 2018 15:25

Tgt Ion: 43 Resp: 2596

Ion Ratio Lower Upper

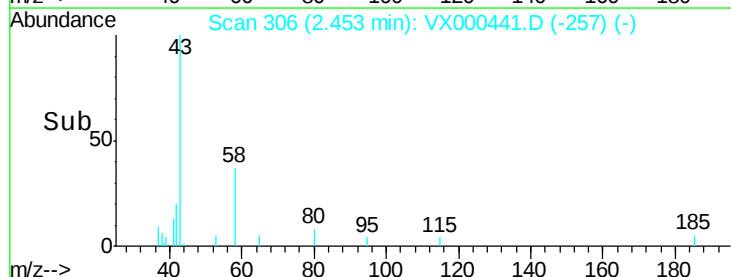
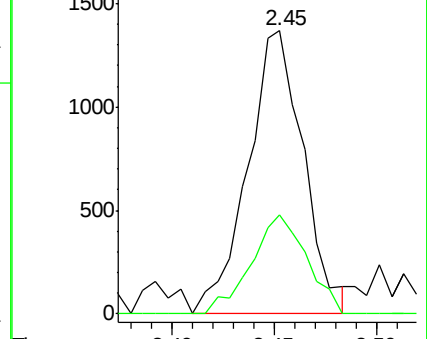
43 100

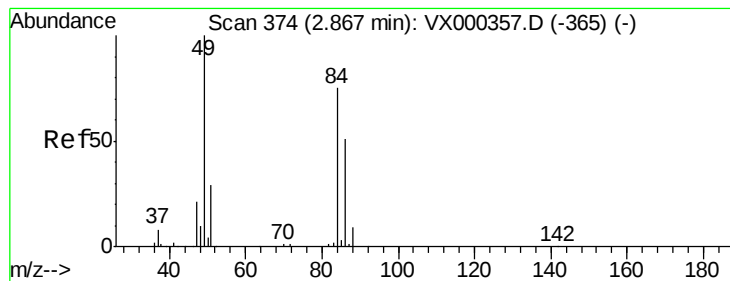
58 35.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 1.40 ug/l

RT: 2.87 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX000441.D

Acq: 26 Mar 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

PL-02-032318-D

Tot Ion: 84 Resp: 1933

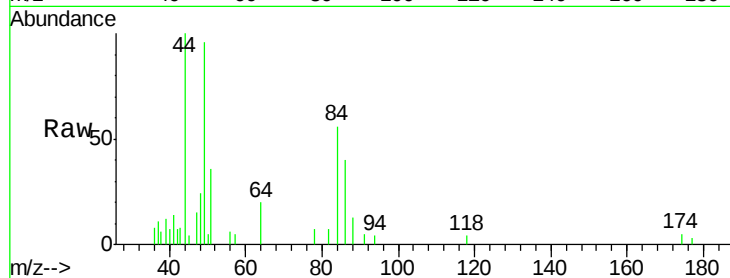
Ion Ratio Lower Upper

84 100

49 171.9 100.6 151.0#

51 64.4 31.6 47.4#

86 72.4 52.6 78.8

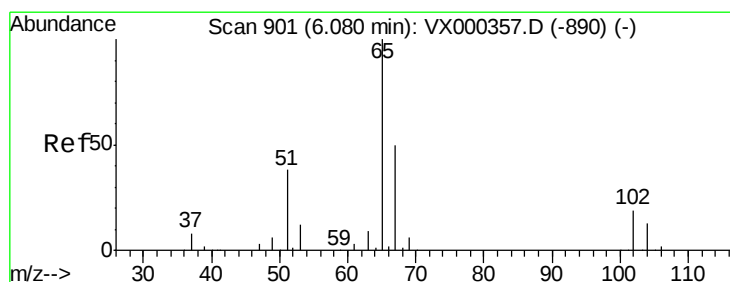
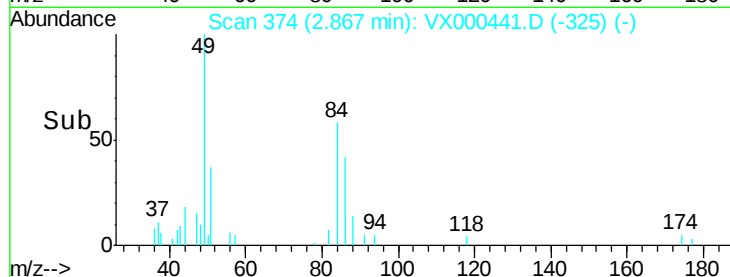
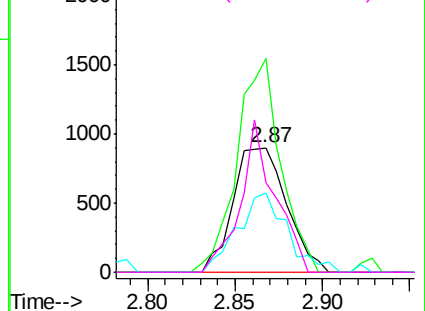


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 56.44 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000441.D

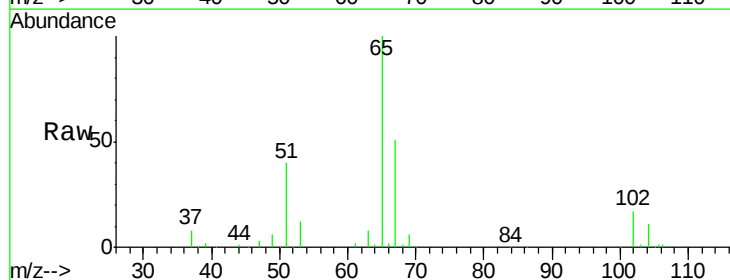
Acq: 26 Mar 2018 15:25

Tgt Ion: 65 Resp: 81218

Ion Ratio Lower Upper

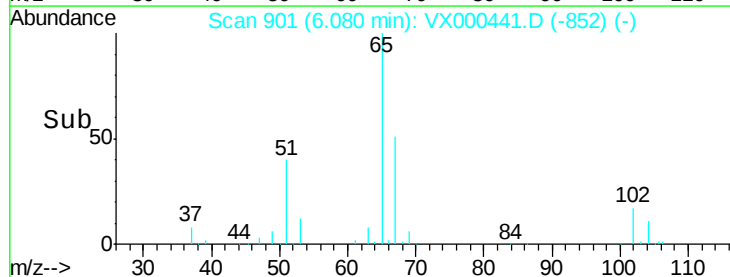
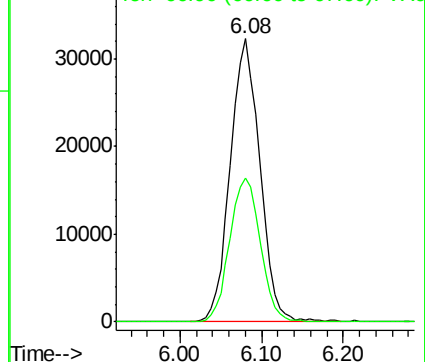
65 100

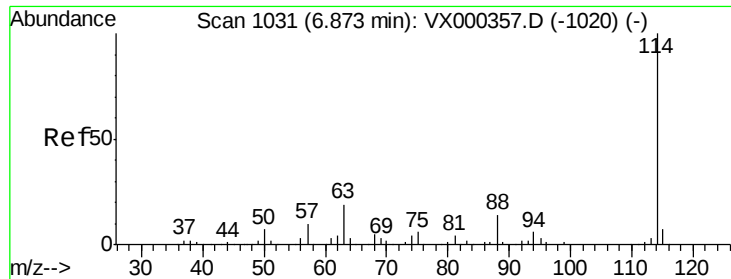
67 52.2 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

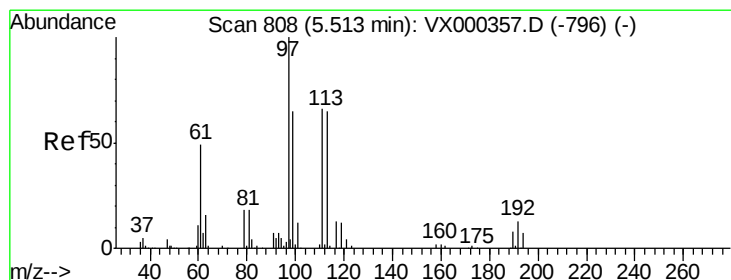
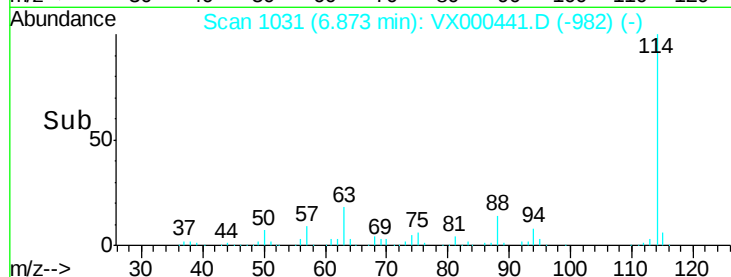
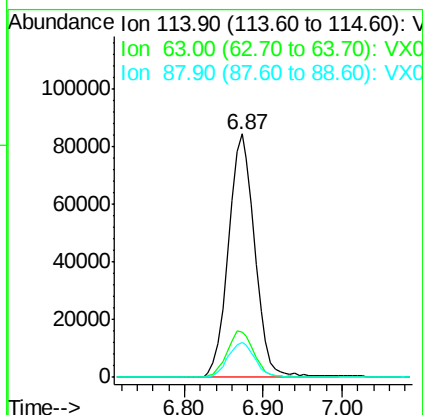
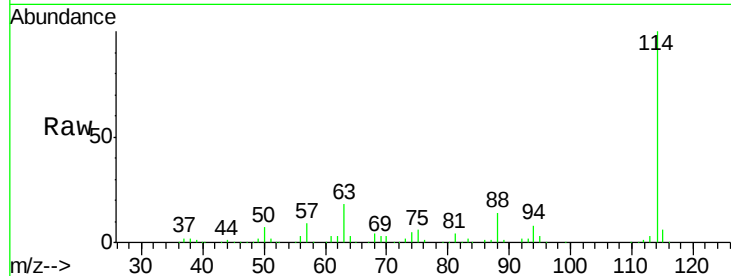




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000441.D
 Acq: 26 Mar 2018 15:25

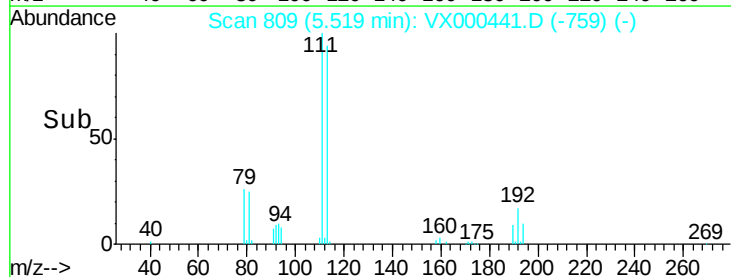
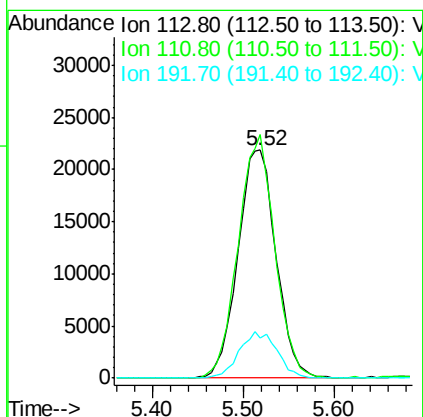
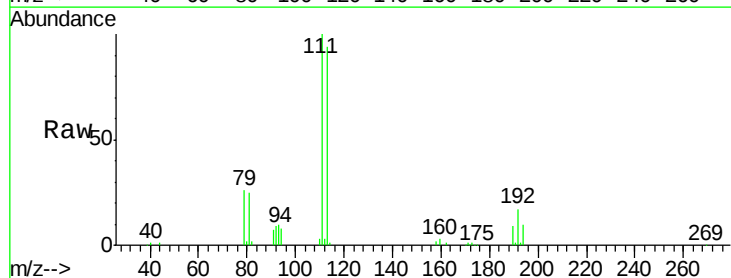
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-02-032318-D

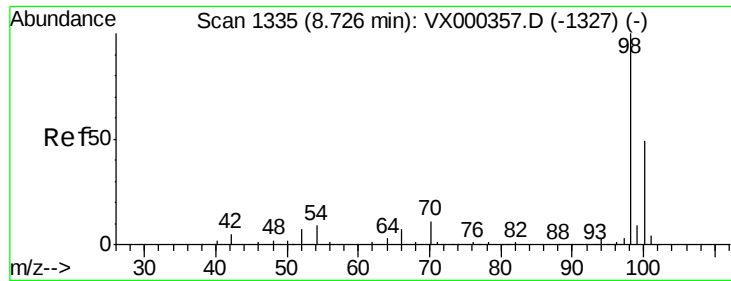
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	38.4
88	14.2	0.0	27.0



#35
 Dibromofluoromethane
 Concen: 51.47 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000441.D
 Acq: 26 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	20.1	15.8	23.6





#50

Toluene-d8

Concen: 47.99 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000441.D

Acq: 26 Mar 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

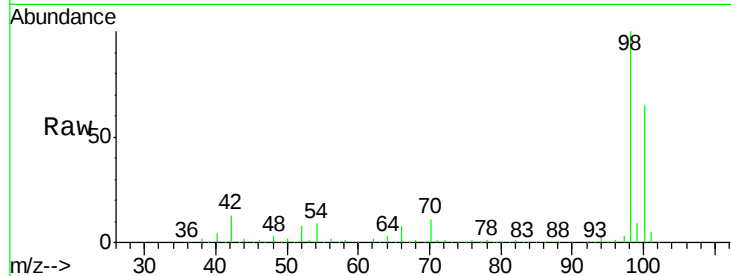
PL-02-032318-D

Tot Ion: 98 Resp: 245416

Ion Ratio Lower Upper

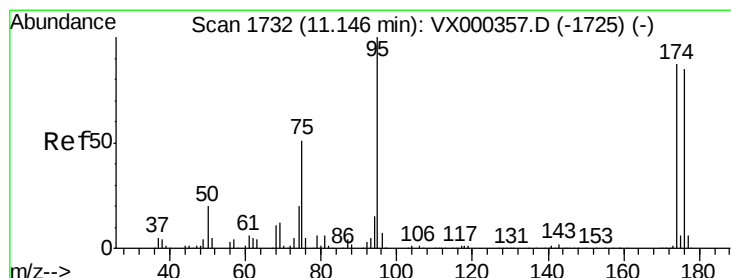
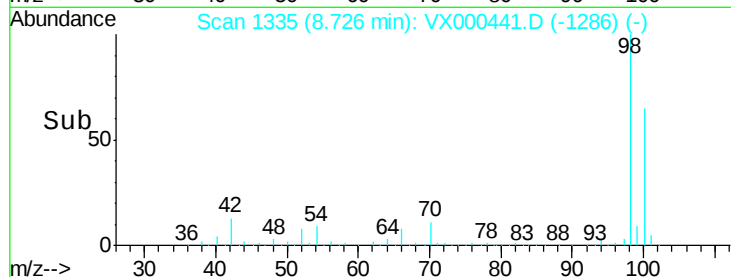
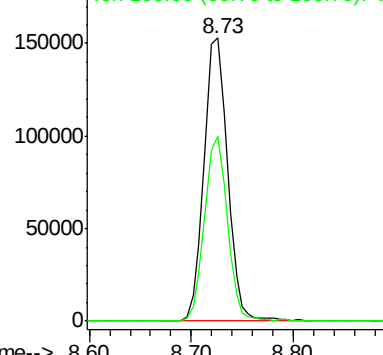
98 100

100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 39.20 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000441.D

Acq: 26 Mar 2018 15:25

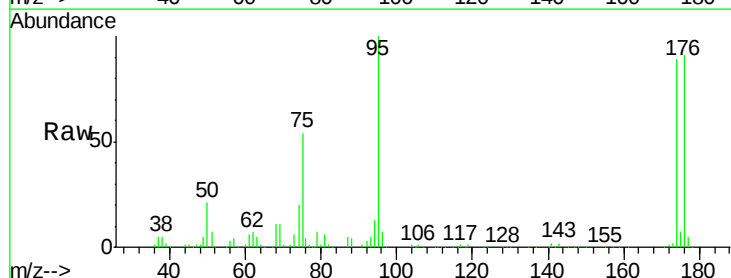
Tgt Ion: 95 Resp: 81417

Ion Ratio Lower Upper

95 100

174 89.2 0.0 173.6

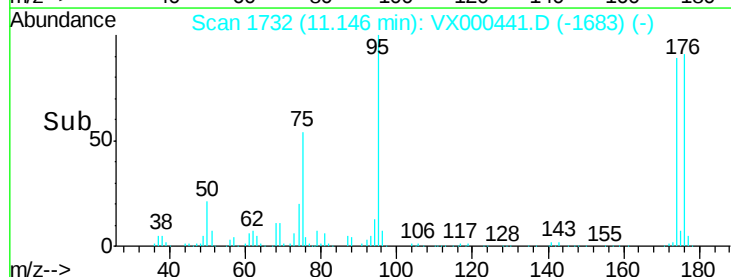
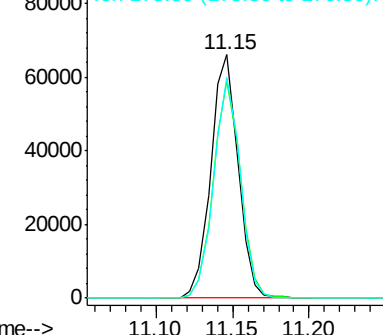
176 88.7 0.0 164.6

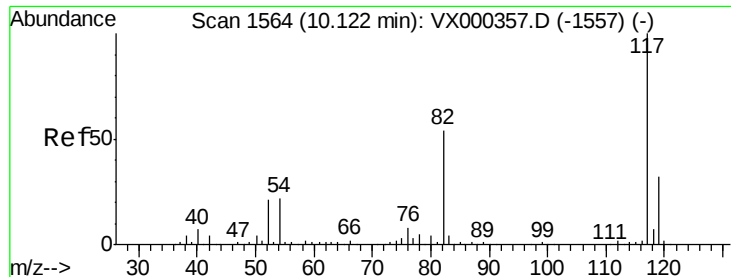


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

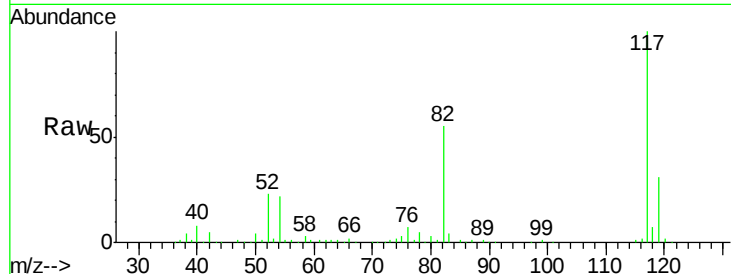




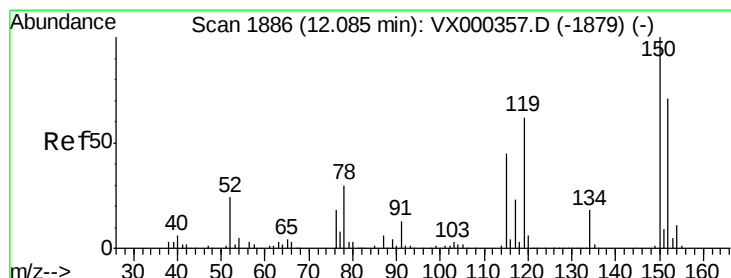
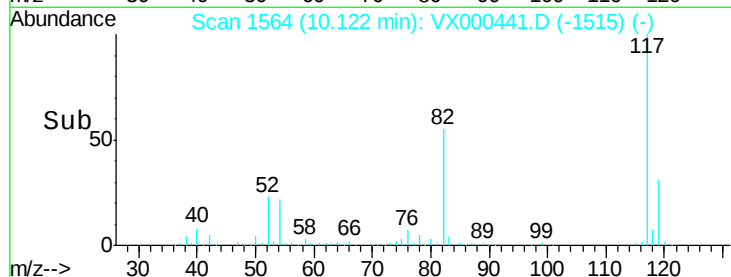
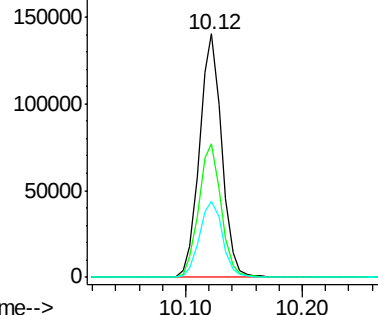
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000441.D
Acq: 26 Mar 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
PL-02-032318-D

Tot Ion:117 Resp: 185961
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 31.3 24.9 37.3

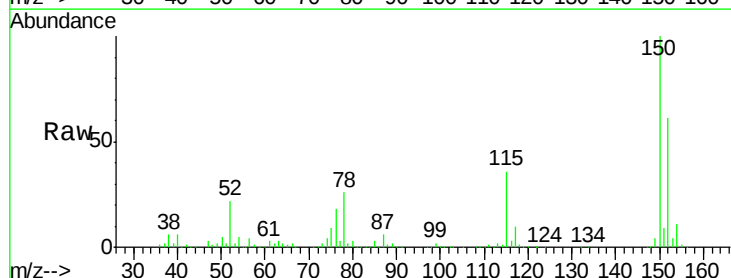


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

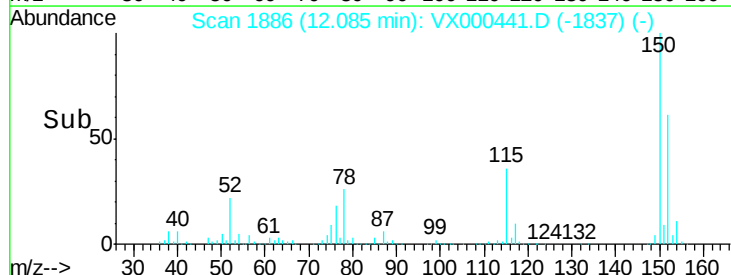
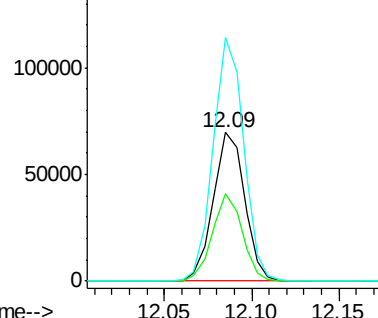


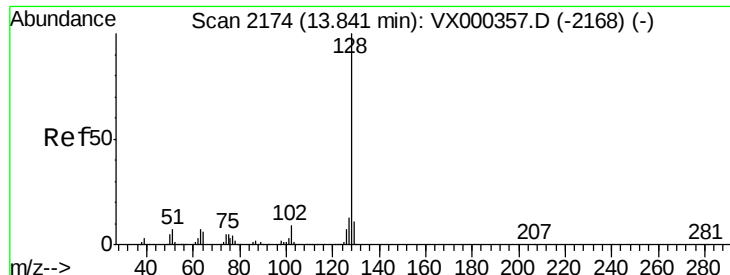
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000441.D
Acq: 26 Mar 2018 15:25

Tgt Ion:152 Resp: 87450
Ion Ratio Lower Upper
152 100
115 56.0 39.8 119.3
150 159.3 0.0 344.4



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





#95
Naphthalene
Concen: 3.59 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000441.D
Acq: 26 Mar 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
PL-02-032318-D

Tot Ion:128 Resp: 25631
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.5 8.9 13.3

