

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000307.D
 Acq On : 13 Mar 2018 18:20
 Operator : JC/MD
 Sample : J1885-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 153-20

Quant Time: Mar 14 01:23:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

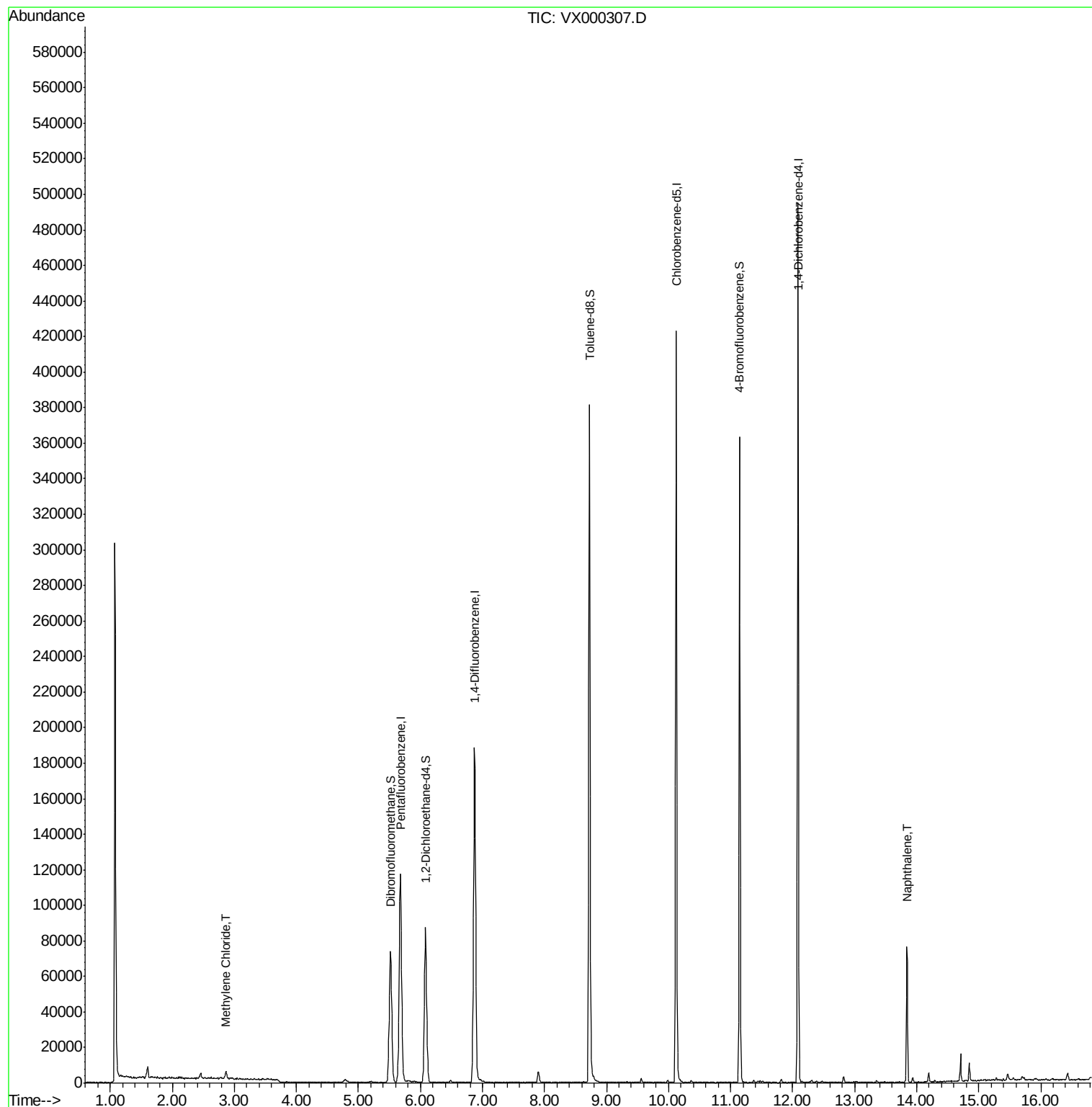
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	111452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	189181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	95287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	78295	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
35) Dibromofluoromethane	5.52	113	57336	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	8.73	98	229453	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
62) 4-Bromofluorobenzene	11.15	95	82095	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	
Target Compounds						
20) Methylene Chloride	2.86	84	1740	1.31	ug/l	89
95) Naphthalene	13.84	128	44341	6.02	ug/l	99

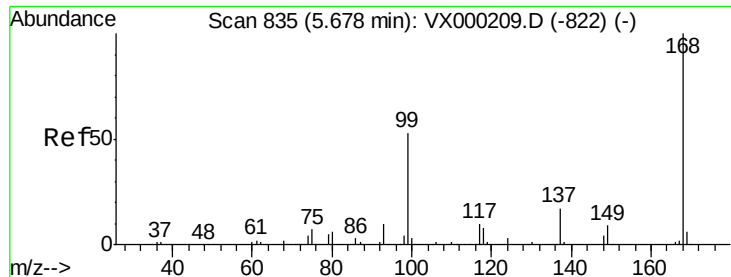
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000307.D

Acq: 13 Mar 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

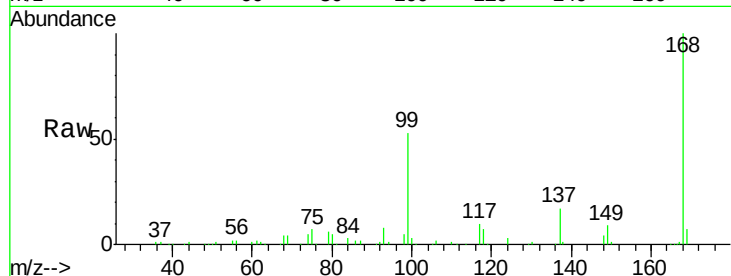
153-20

Tot Ion:168 Resp: 111452

Ion Ratio Lower Upper

168 100

99 52.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

20000

10000

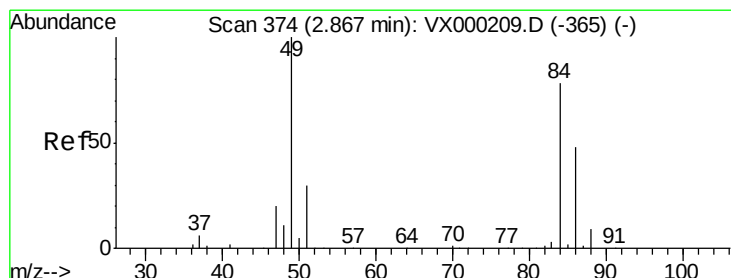
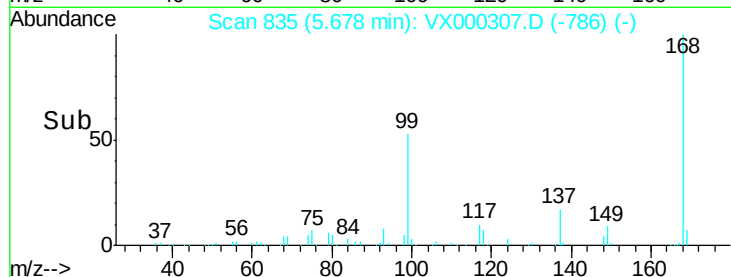
0

Time-->

5.60

5.70

5.80



#20

Methylene Chloride

Concen: 1.31 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000307.D

Acq: 13 Mar 2018 18:20

Tgt Ion: 84 Resp: 1740

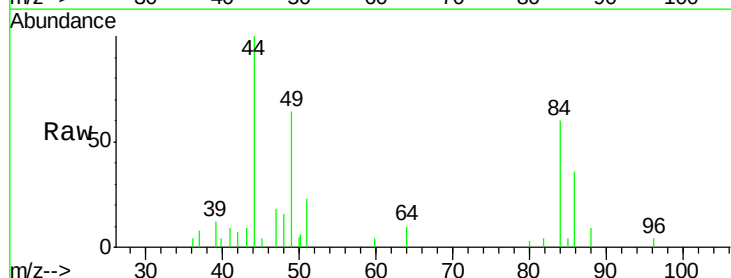
Ion Ratio Lower Upper

84 100

49 107.6 102.1 153.1

51 37.8 30.6 45.8

86 59.5 49.0 73.6



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

2.86

1500

1000

500

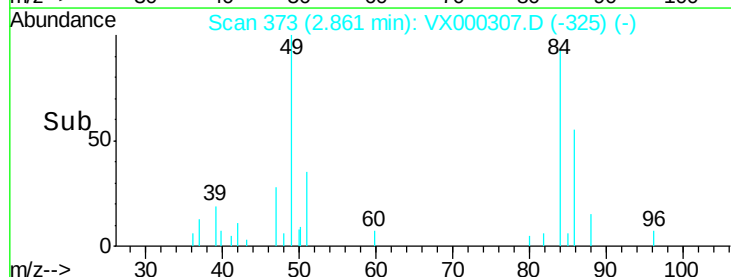
0

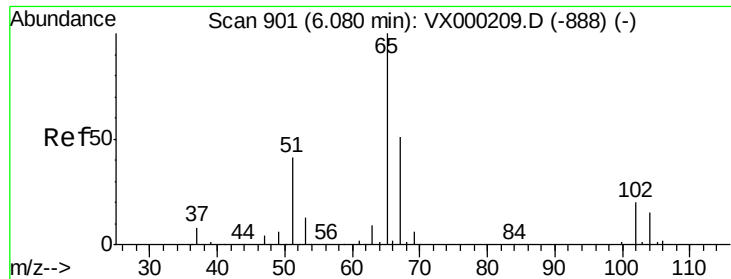
Time-->

2.80

2.85

2.90

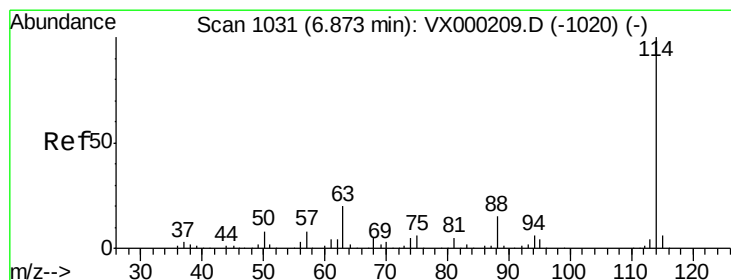
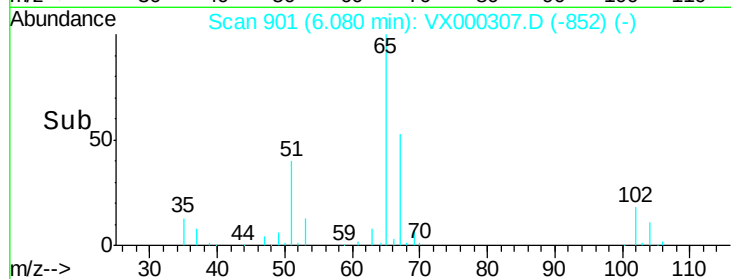
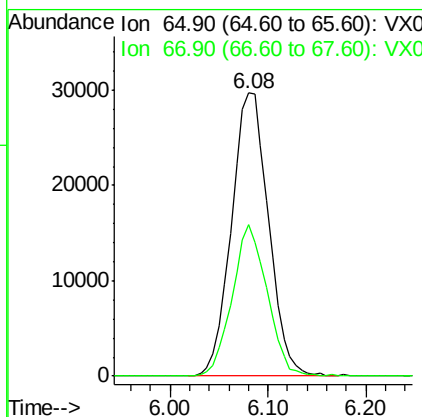
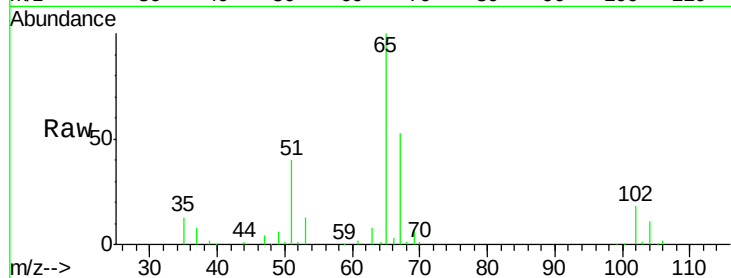




#33
 1,2-Dichloroethane-d4
 Concen: 50.68 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000307.D
 Acq: 13 Mar 2018 18:20

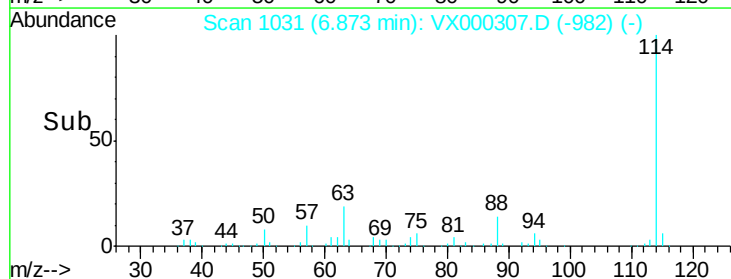
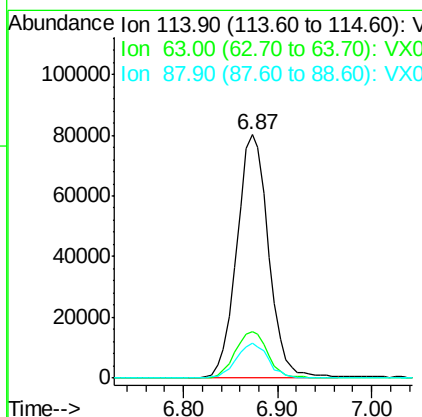
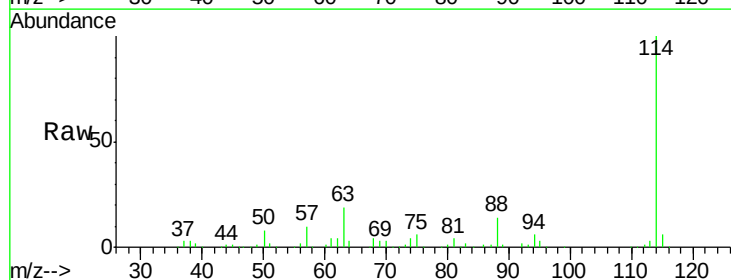
Instrument :
 MSVOA_X
 ClientSampleId :
 153-20

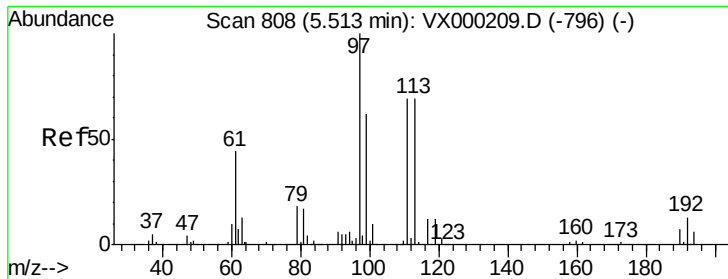
Tot Ion: 65 Resp: 78295
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000307.D
 Acq: 13 Mar 2018 18:20

Tgt Ion: 114 Resp: 189181
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 14.5 0.0 29.8

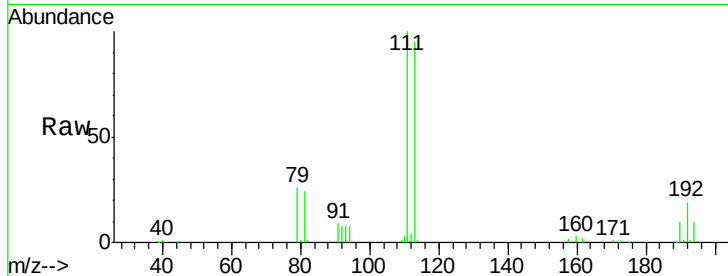




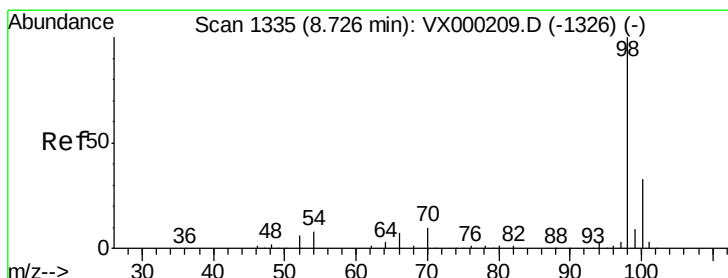
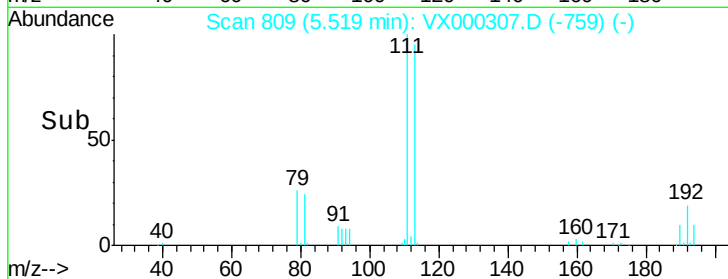
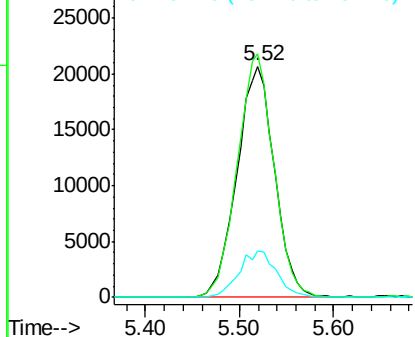
#35
 Dibromofluoromethane
 Concen: 48.25 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000307.D
 Acq: 13 Mar 2018 18:20

Instrument :
 MSVOA_X
 ClientSampleId :
 153-20

Tot Ion:113 Resp: 57336
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.0 124.6
 192 20.0 15.5 23.3

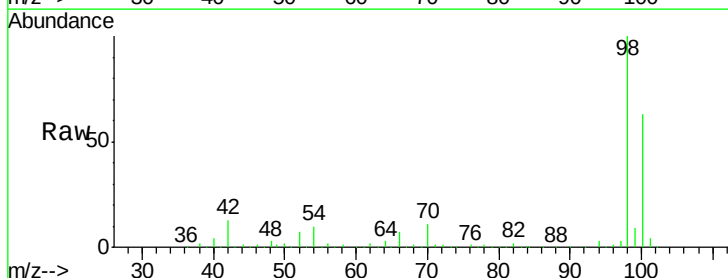


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

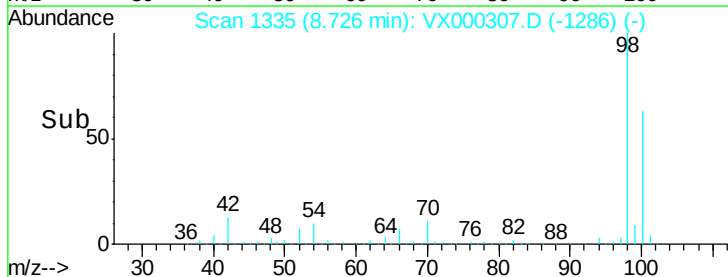
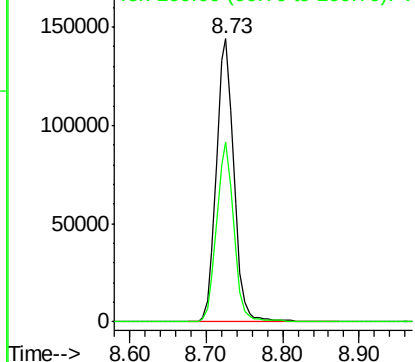


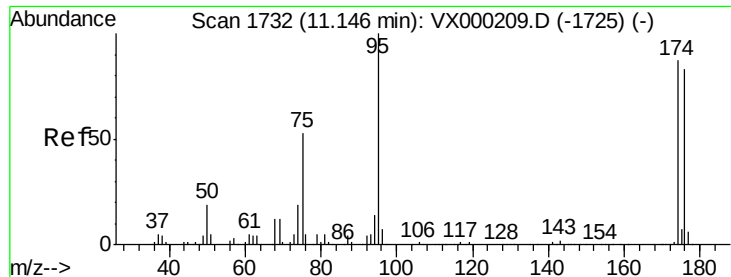
#50
 Toluene-d8
 Concen: 46.62 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000307.D
 Acq: 13 Mar 2018 18:20

Tgt Ion: 98 Resp: 229453
 Ion Ratio Lower Upper
 98 100
 100 62.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.74 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000307.D

Acq: 13 Mar 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

153-20

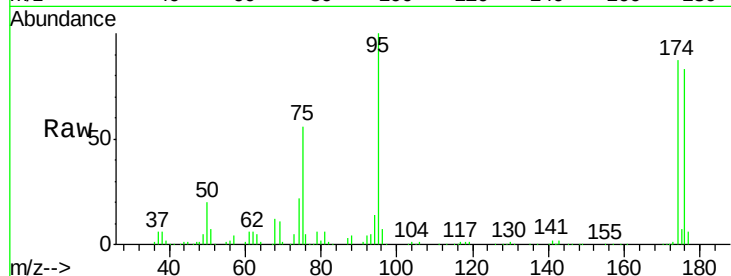
Tot Ion: 95 Resp: 82095

Ion Ratio Lower Upper

95 100

174 86.0 0.0 175.6

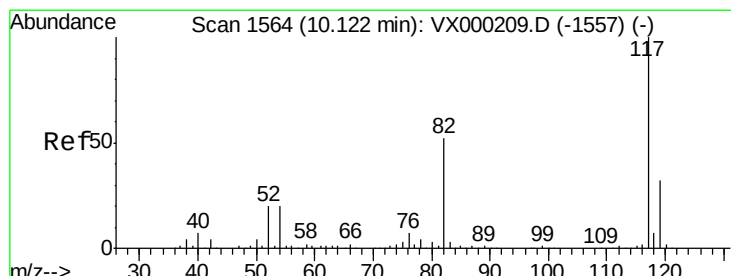
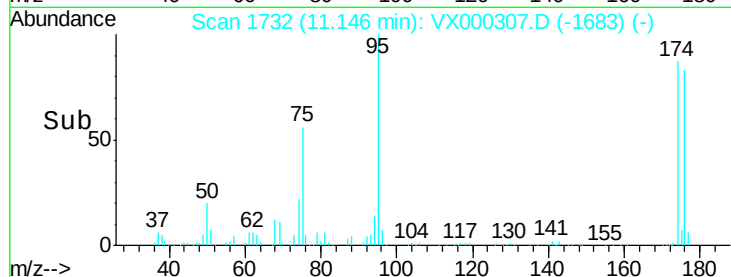
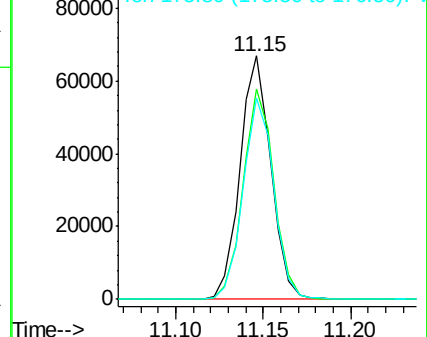
176 82.6 0.0 171.0



Abundance Ion 94.90 (94.60 to 95.60): VX000307.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000307.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000307.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000307.D

Acq: 13 Mar 2018 18:20

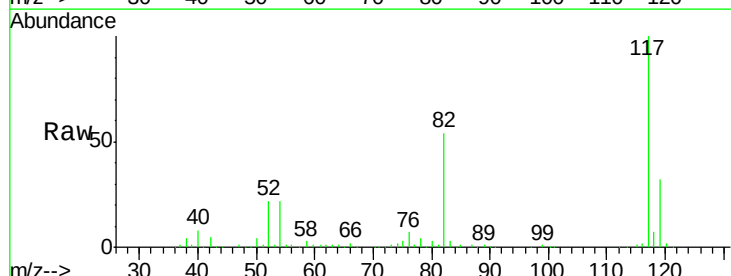
Tgt Ion: 117 Resp: 180478

Ion Ratio Lower Upper

117 100

82 54.3 42.0 63.0

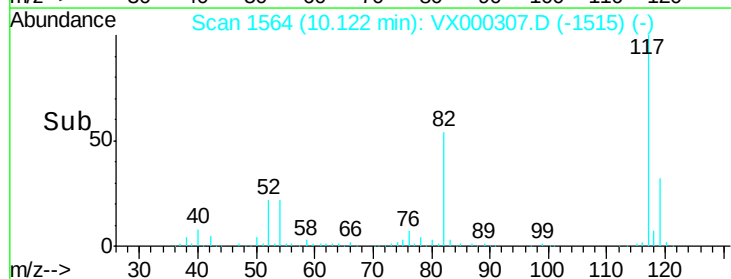
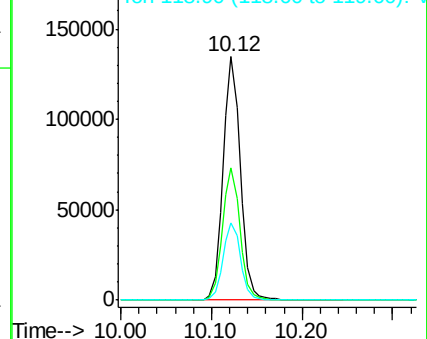
119 31.7 25.3 37.9

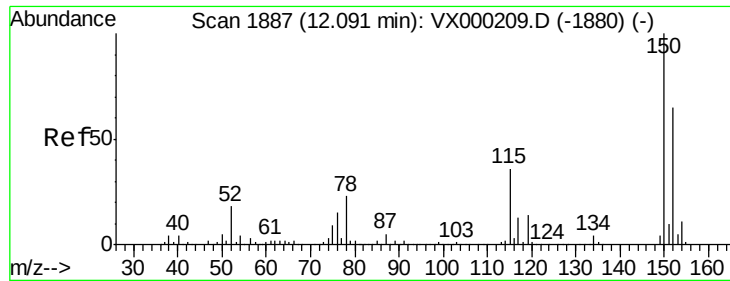


Abundance Ion 116.90 (116.60 to 117.60): VX000307.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000307.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000307.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000307.D

Acq: 13 Mar 2018 18:20

Instrument :

MSVOA_X

ClientSampled :

153-20

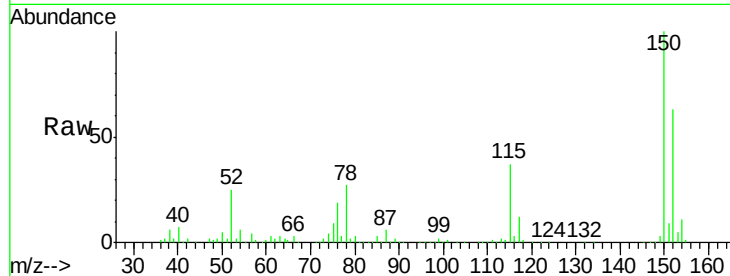
Tot Ion:152 Resp: 95287

Ion Ratio Lower Upper

152 100

115 56.9 39.8 119.3

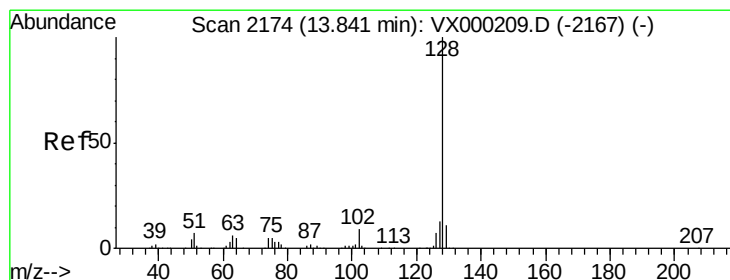
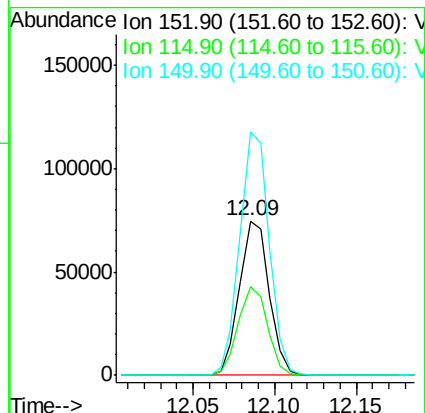
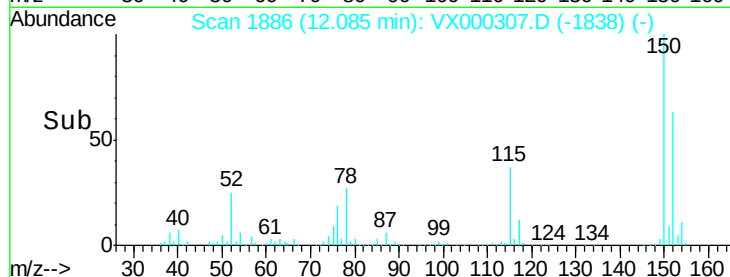
150 156.7 0.0 345.0



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: 6.02 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000307.D

Acq: 13 Mar 2018 18:20

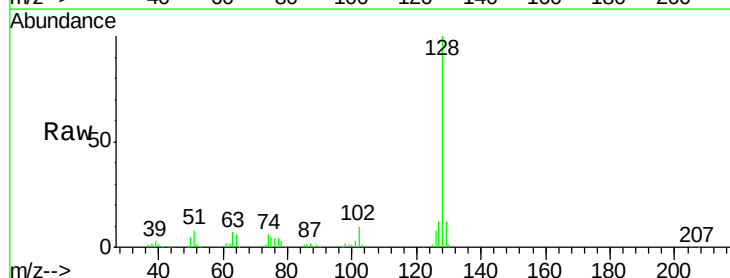
Tgt Ion:128 Resp: 44341

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

