

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000300.D
 Acq On : 13 Mar 2018 15:21
 Operator : JC/MD
 Sample : J1753-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HD-02-031218

Quant Time: Mar 14 01:10:17 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	162666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	263636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	252185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	135315	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	106447	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	
35) Dibromofluoromethane	5.51	113	80712	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
50) Toluene-d8	8.73	98	318668	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
62) 4-Bromofluorobenzene	11.15	95	118740	44.35	ug/l	0.00
Spiked Amount			Recovery	=	88.70%	

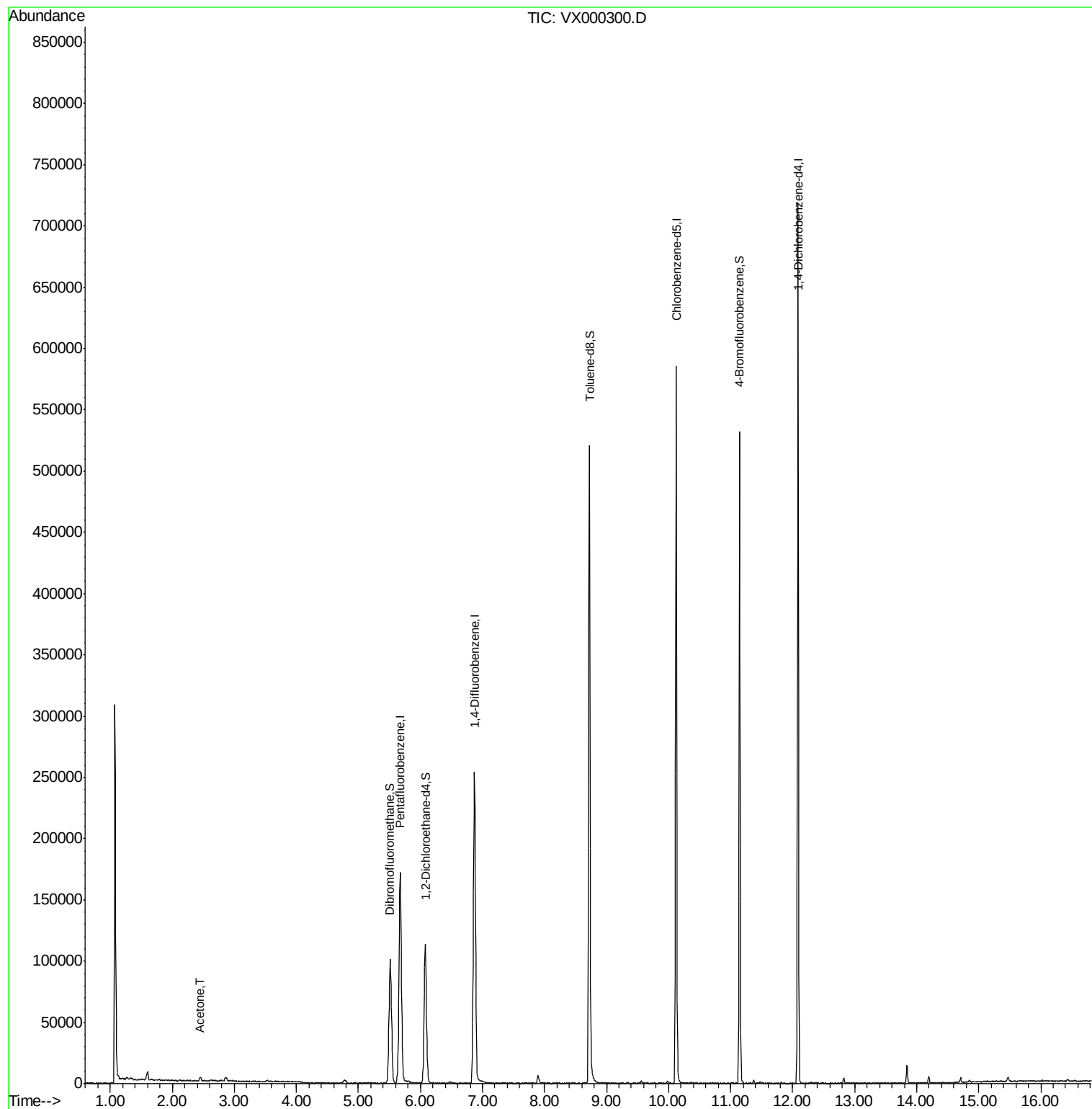
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	3117	1.92	ug/l	93

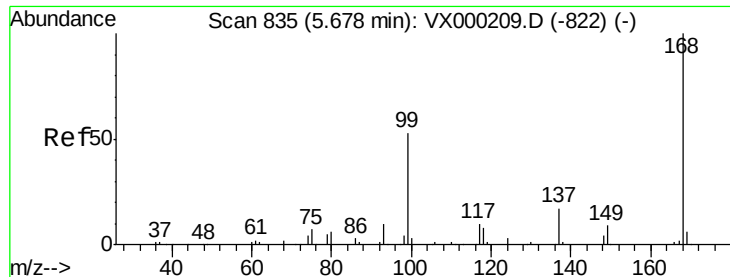
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000300.D

Acq: 13 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

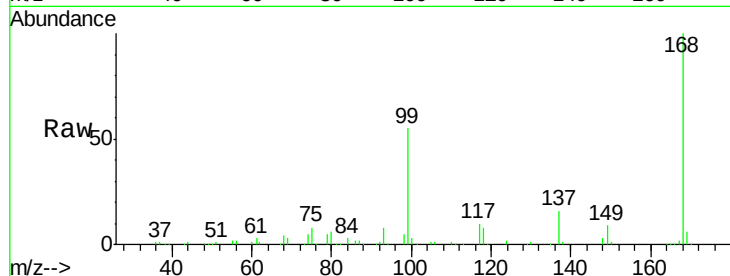
HD-02-031218

Tot Ion:168 Resp: 162666

Ion Ratio Lower Upper

168 100

99 54.9 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

60000

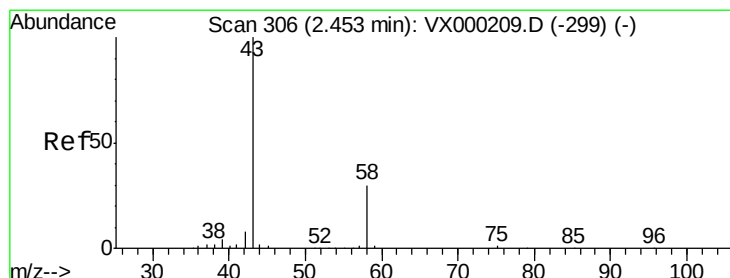
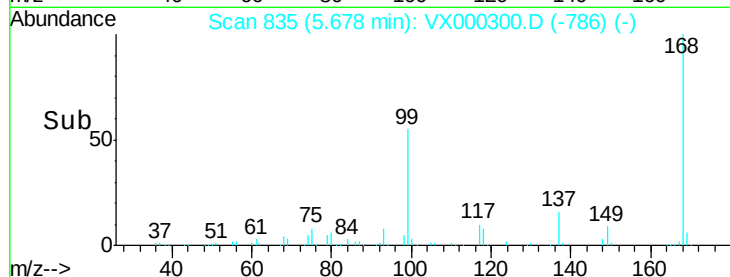
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 1.92 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000300.D

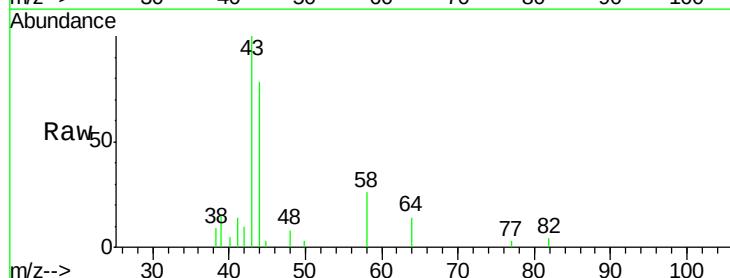
Acq: 13 Mar 2018 15:21

Tgt Ion: 43 Resp: 3117

Ion Ratio Lower Upper

43 100

58 25.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2000

1500

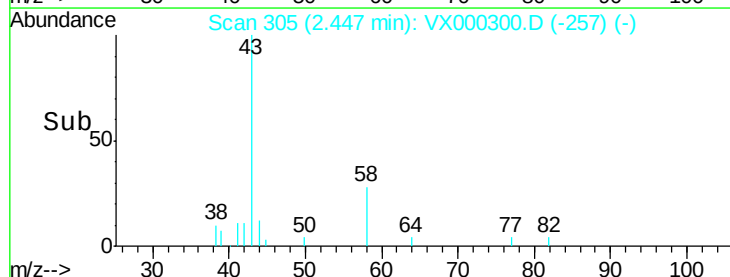
1000

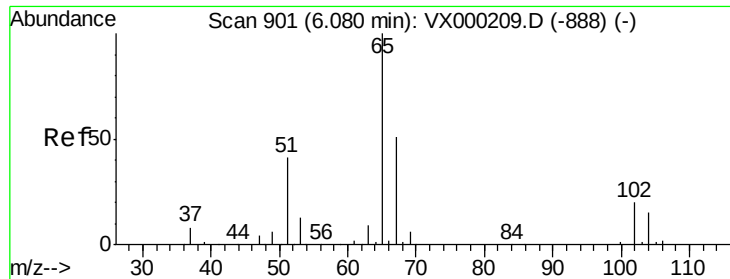
500

0

Time-->

2.35 2.40 2.45 2.50

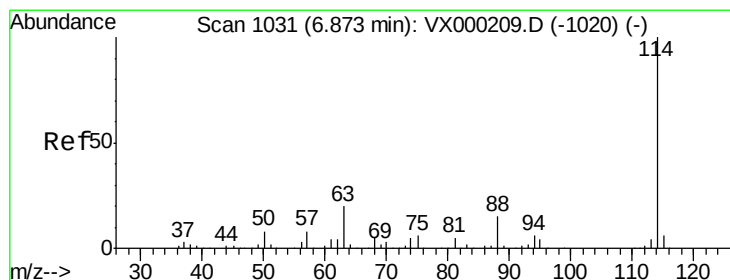
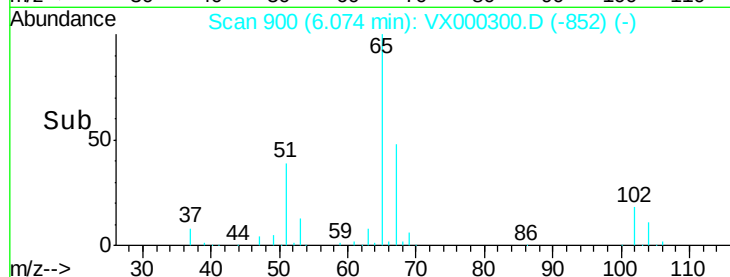
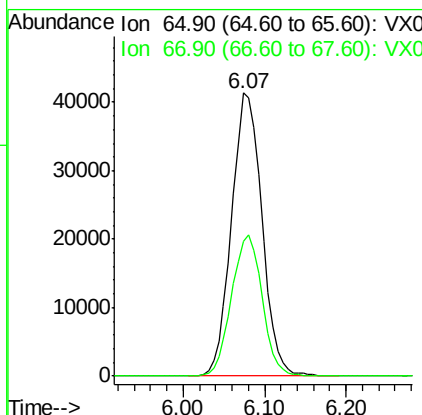
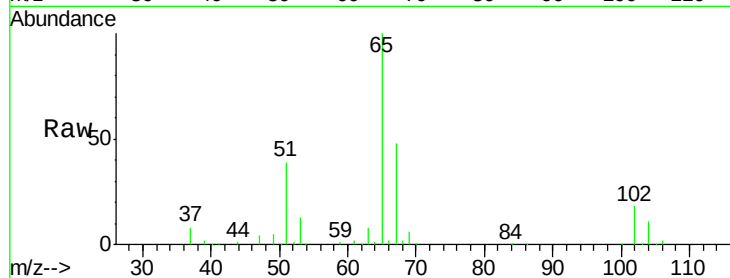




#33
 1,2-Dichloroethane-d4
 Concen: 47.21 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000300.D
 Acq: 13 Mar 2018 15:21

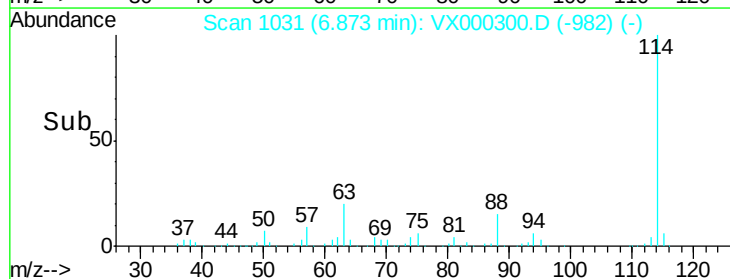
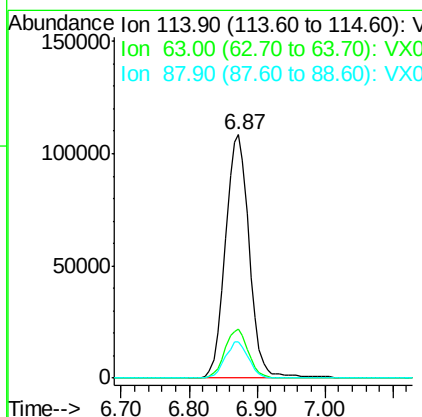
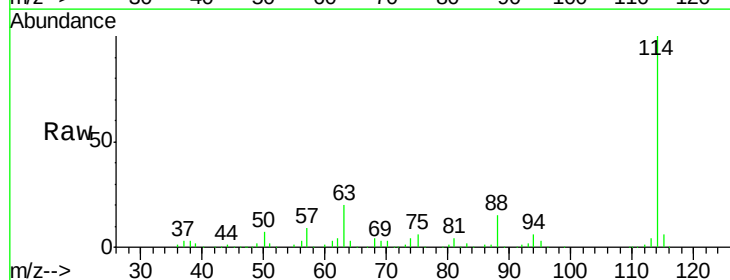
Instrument :
 MSVOA_X
 ClientSampleId :
 HD-02-031218

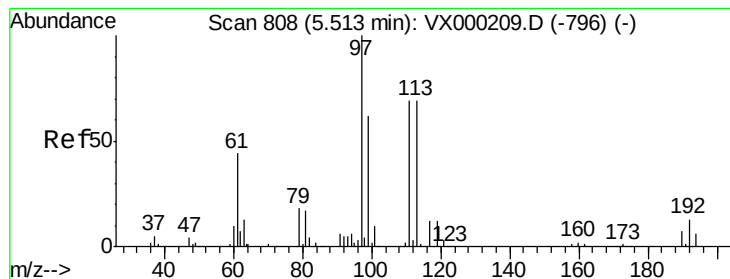
Tot Ion: 65 Resp: 106447
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000300.D
 Acq: 13 Mar 2018 15:21

Tgt Ion: 114 Resp: 263636
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.2
 88 14.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 48.74 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000300.D

Acq: 13 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

HD-02-031218

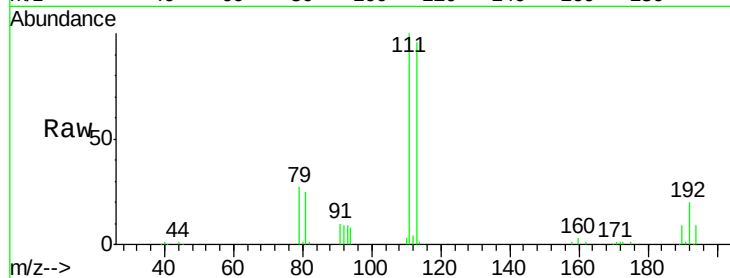
Tot Ion:113 Resp: 80712

Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.6

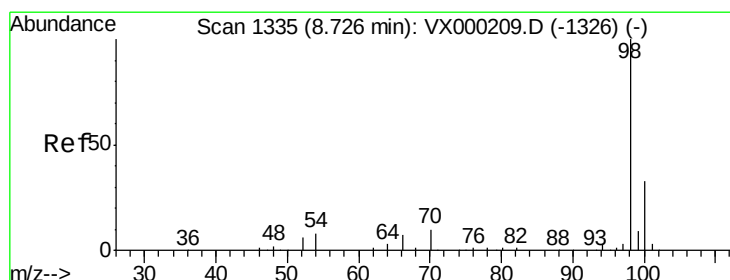
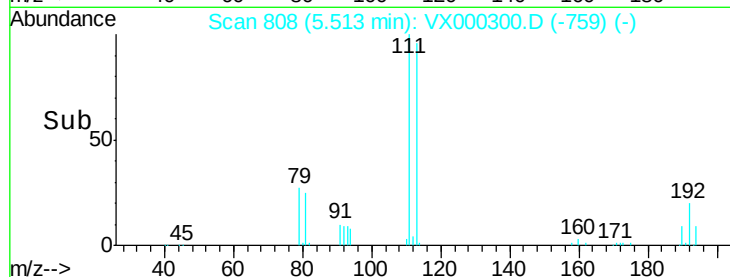
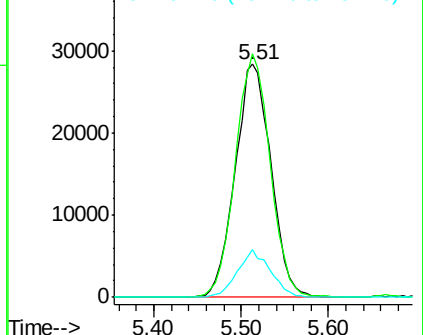
192 18.8 15.5 23.3



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: 46.46 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000300.D

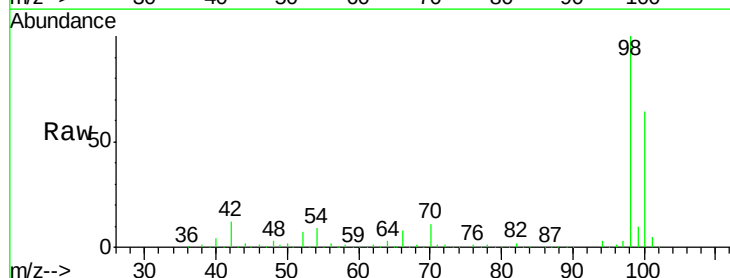
Acq: 13 Mar 2018 15:21

Tgt Ion: 98 Resp: 318668

Ion Ratio Lower Upper

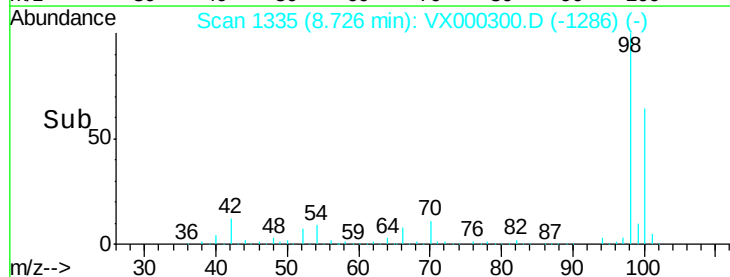
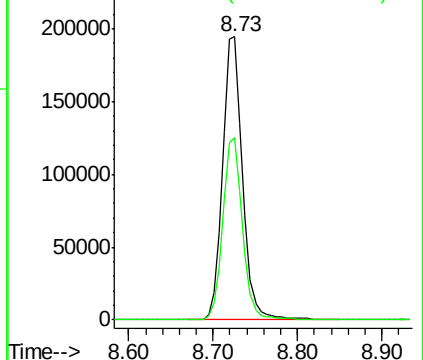
98 100

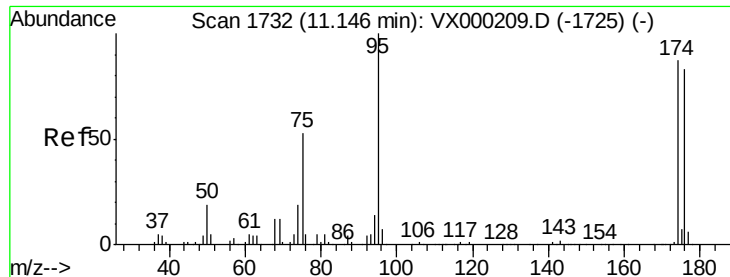
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.35 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000300.D

Acq: 13 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

HD-02-031218

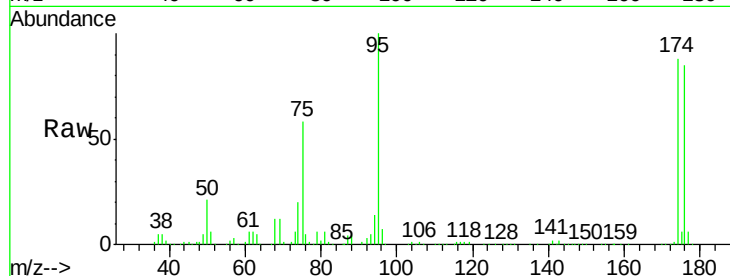
Tot Ion: 95 Resp: 118740

Ion Ratio Lower Upper

95 100

174 86.4 0.0 175.6

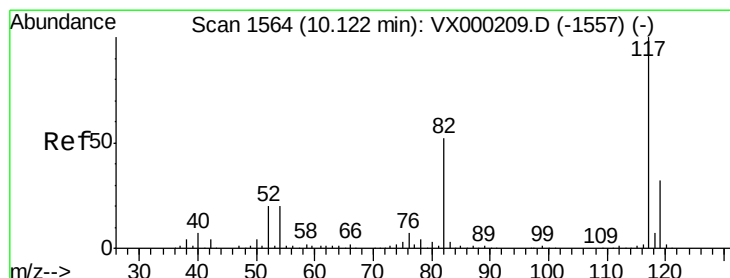
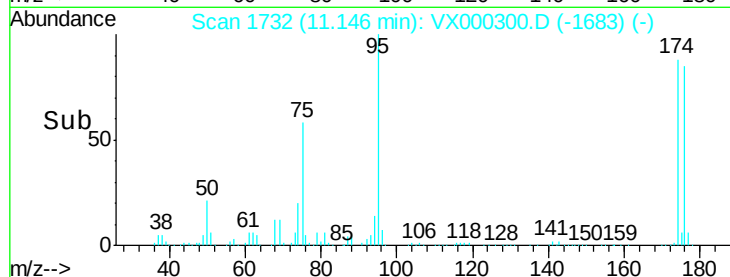
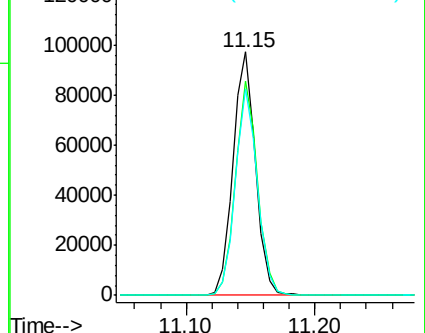
176 83.4 0.0 171.0



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: VX000300.D

Acq: 13 Mar 2018 15:21

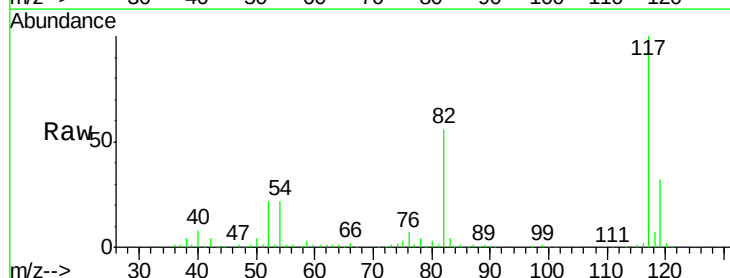
Tgt Ion: 117 Resp: 252185

Ion Ratio Lower Upper

117 100

82 56.3 42.0 63.0

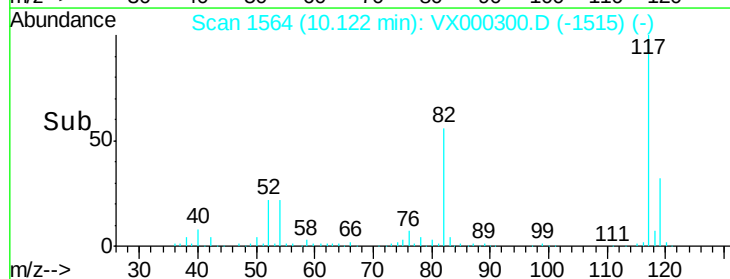
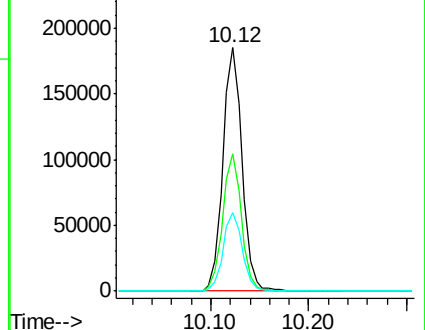
119 32.0 25.3 37.9

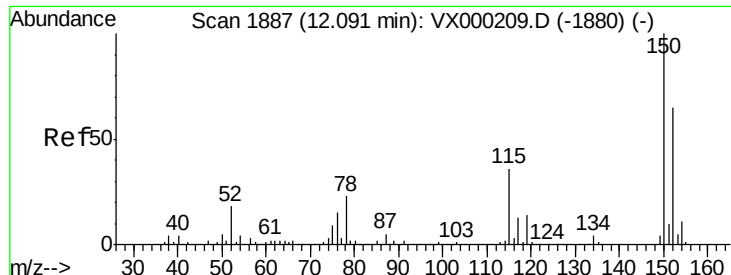


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1887

Delta R.T. 0.00 min

Lab File: VX000300.D

Acq: 13 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

HD-02-031218

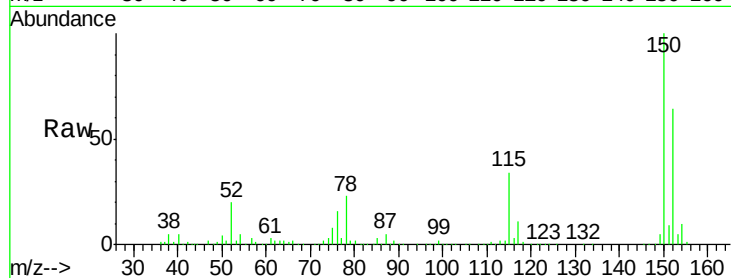
Tot Ion:152 Resp: 135315

Ion Ratio Lower Upper

152 100

115 57.9 39.8 119.3

150 158.9 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

