

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000309.D
 Acq On : 13 Mar 2018 19:11
 Operator : JC/MD
 Sample : J1885-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VB-44949

Quant Time: Mar 14 01:27:30 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	5.67	168	108646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185571	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	95652	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	78301	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
35) Dibromofluoromethane	5.52	113	56990	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
50) Toluene-d8	8.73	98	230212	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.15	95	81954	43.49	ug/l	0.00
Spiked Amount			Recovery	=	86.98%	

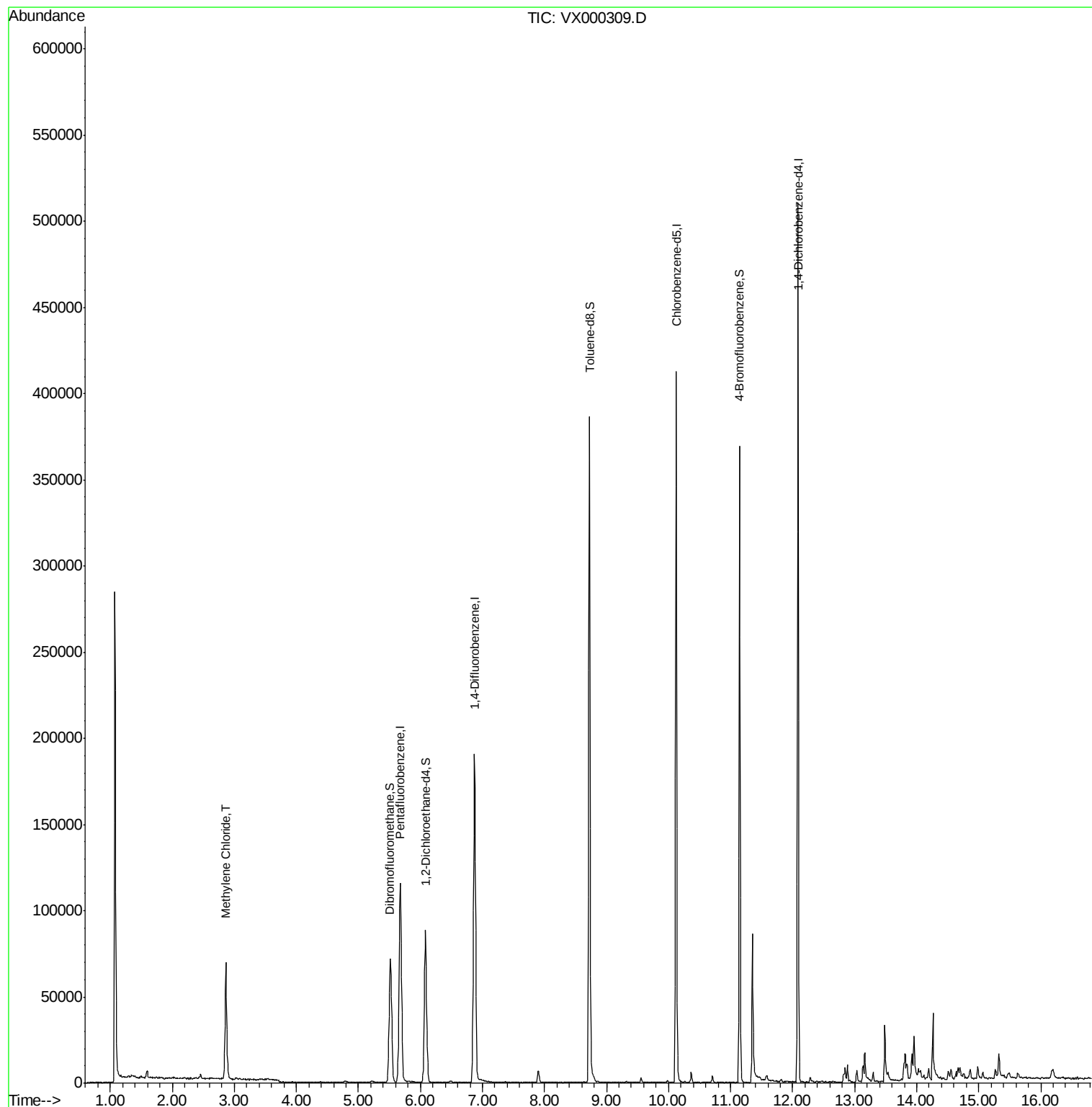
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.87	84	28453	22.06	ug/l	97

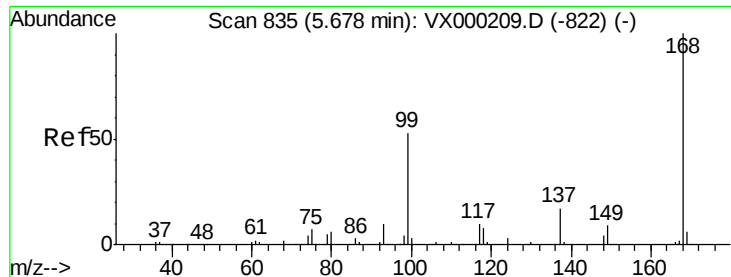
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000309.D

Acq: 13 Mar 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

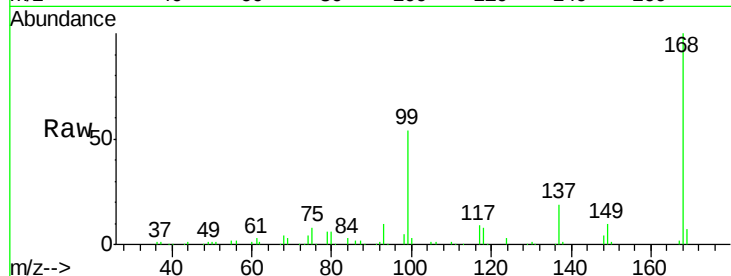
VB-44949

Tot Ion:168 Resp: 108646

Ion Ratio Lower Upper

168 100

99 54.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

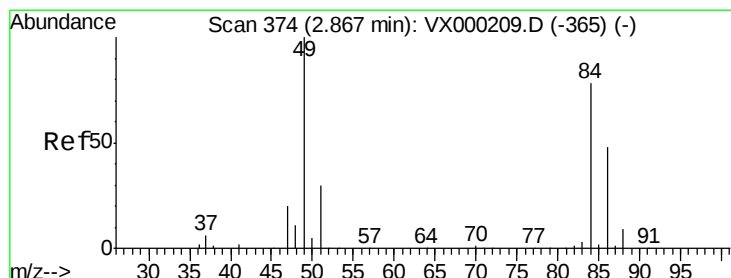
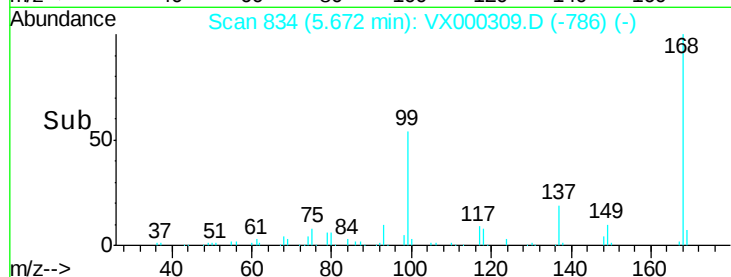
20000

10000

0

Time-->

5.60 5.70 5.80



#20

Methylene Chloride

Concen: 22.06 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.00 min

Lab File: VX000309.D

Acq: 13 Mar 2018 19:11

Tgt Ion: 84 Resp: 28453

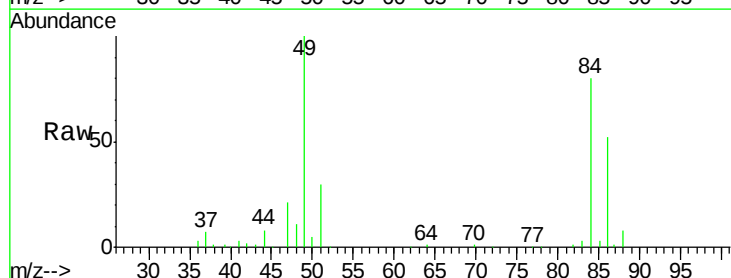
Ion Ratio Lower Upper

84 100

49 125.1 102.1 153.1

51 38.0 30.6 45.8

86 65.2 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

30000

25000

20000

15000

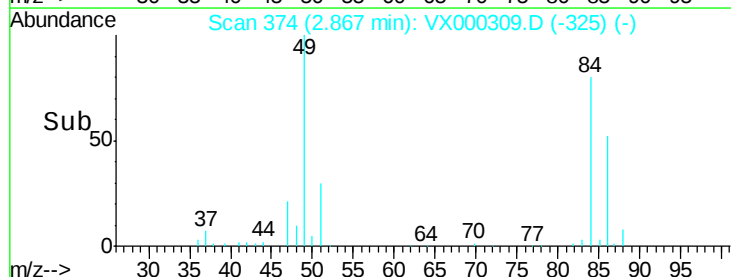
10000

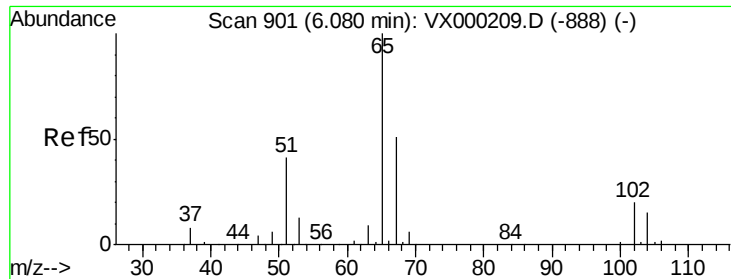
5000

0

Time-->

2.80 2.85 2.90 2.95





#33

1,2-Dichloroethane-d4

Concen: 51.99 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000309.D

Acq: 13 Mar 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

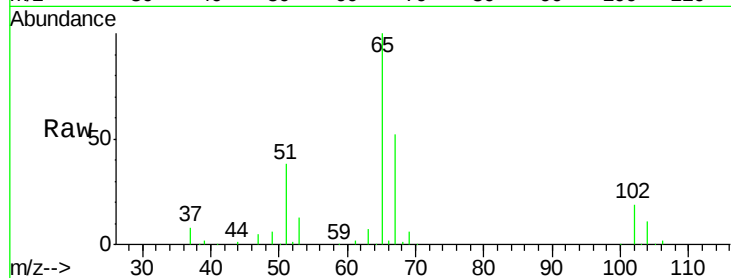
VB-44949

Tot Ion: 65 Resp: 78301

Ion Ratio Lower Upper

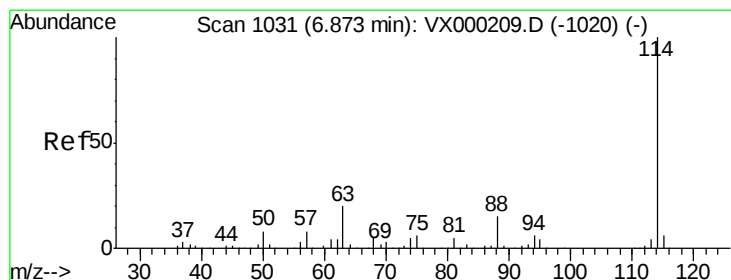
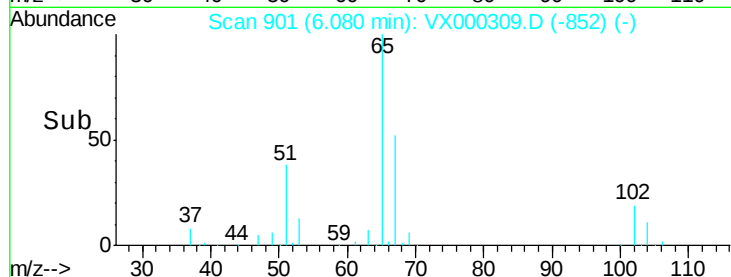
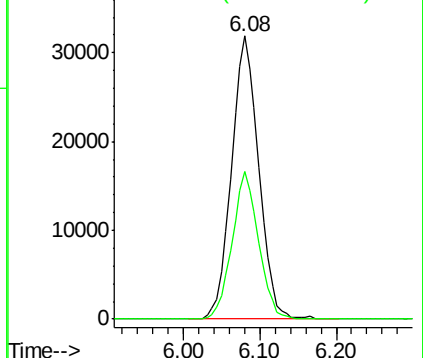
65 100

67 50.8 0.0 103.4



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: VX000309.D

Acq: 13 Mar 2018 19:11

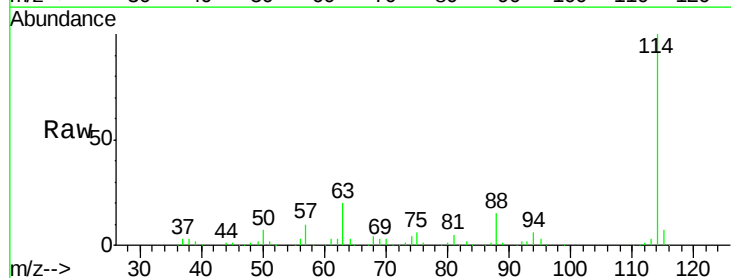
Tgt Ion: 114 Resp: 185571

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

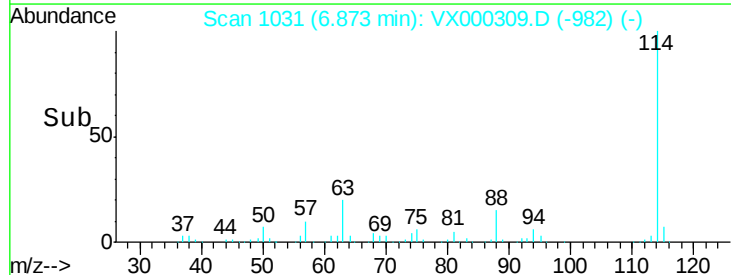
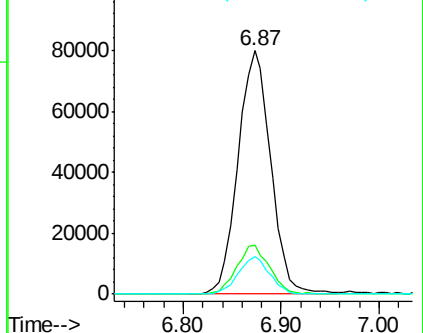
88 15.2 0.0 29.8

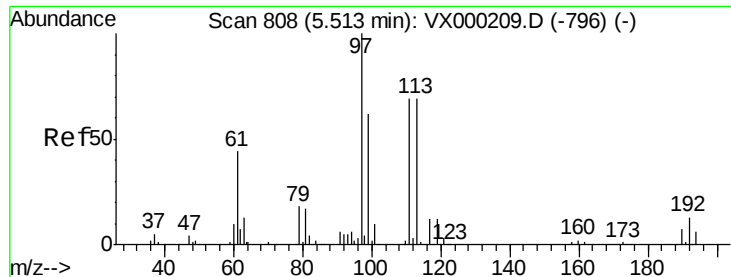


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

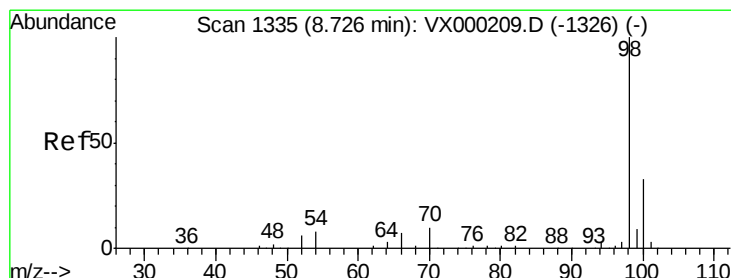
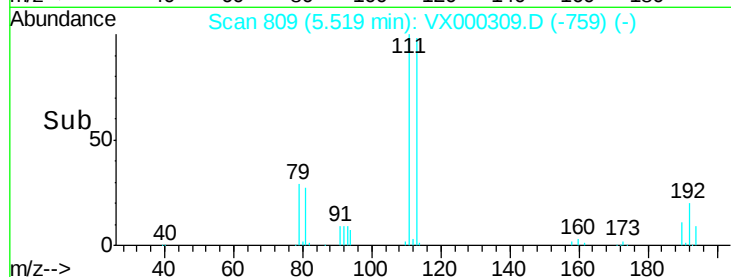
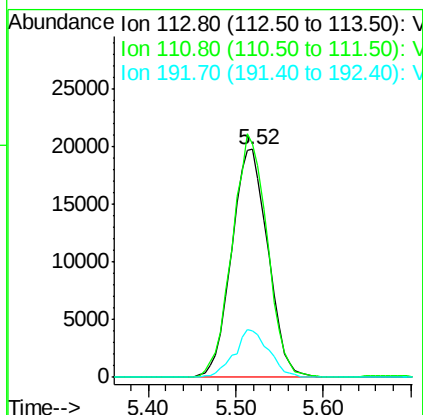
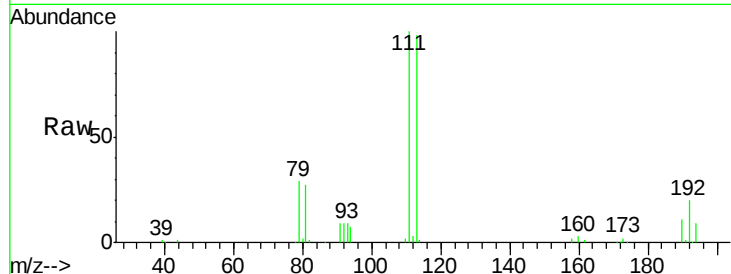




#35
 Dibromofluoromethane
 Concen: 48.89 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000309.D
 Acq: 13 Mar 2018 19:11

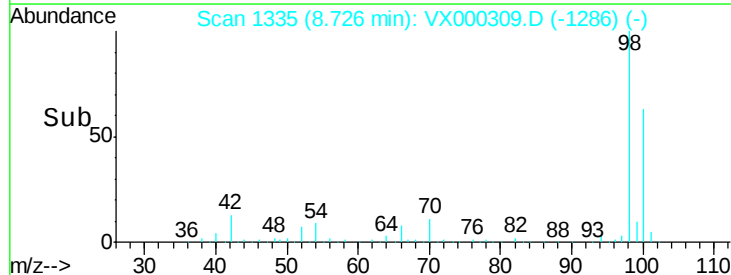
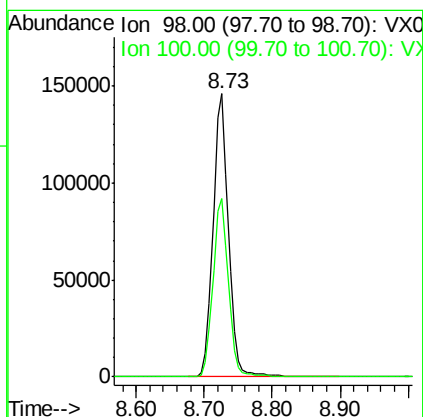
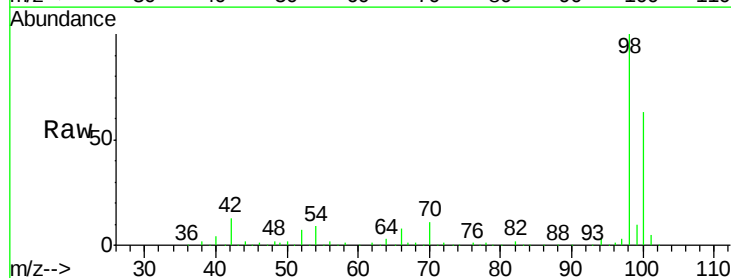
Instrument :
 MSVOA_X
 ClientSampled :
 VB-44949

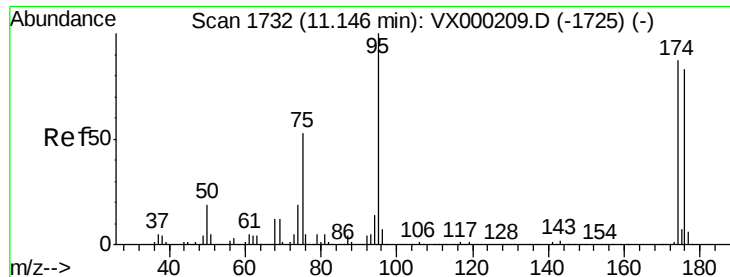
Tot Ion:113 Resp: 56990
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.0 124.6
 192 20.0 15.5 23.3



#50
 Toluene-d8
 Concen: 47.68 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000309.D
 Acq: 13 Mar 2018 19:11

Tgt Ion: 98 Resp: 230212
 Ion Ratio Lower Upper
 98 100
 100 63.1 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 43.49 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000309.D

Acq: 13 Mar 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VB-44949

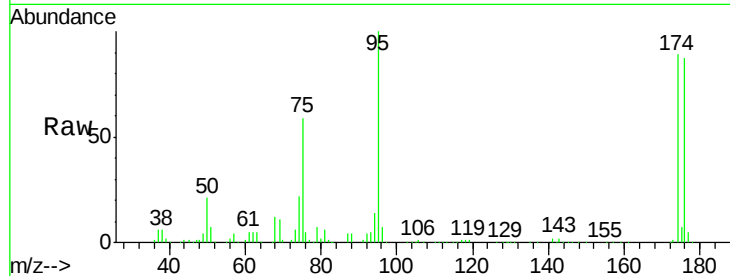
Tot Ion: 95 Resp: 81954

Ion Ratio Lower Upper

95 100

174 88.2 0.0 175.6

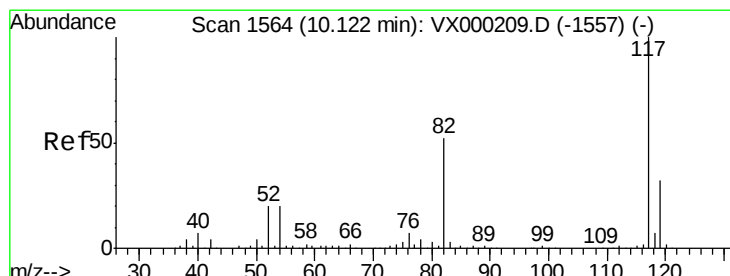
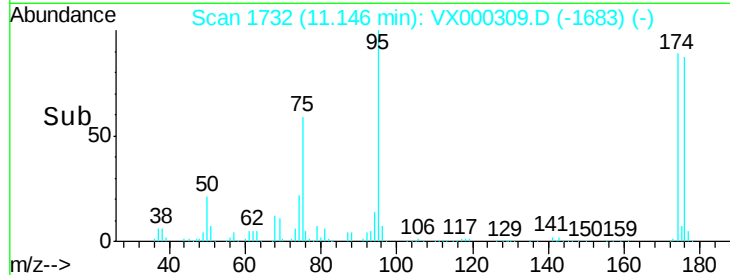
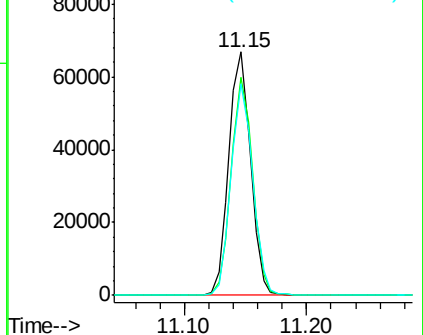
176 86.5 0.0 171.0



Abundance Ion 94.90 (94.60 to 95.60): VX000309.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000309.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000309.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000309.D

Acq: 13 Mar 2018 19:11

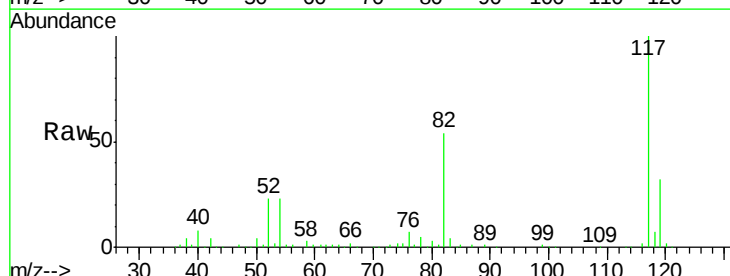
Tgt Ion: 117 Resp: 180229

Ion Ratio Lower Upper

117 100

82 54.5 42.0 63.0

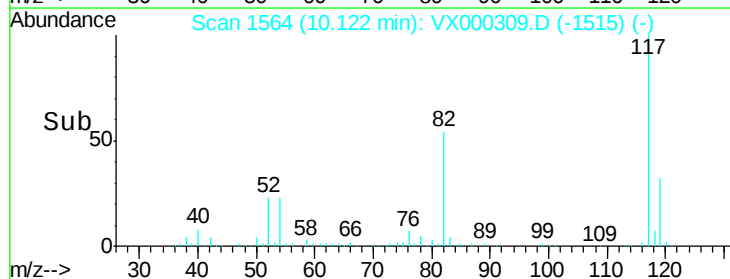
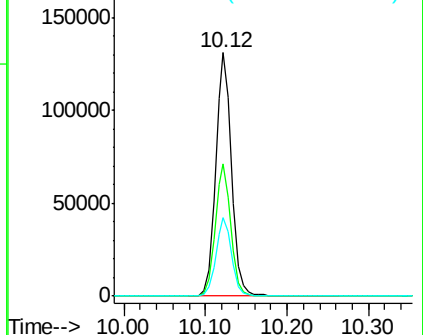
119 32.3 25.3 37.9

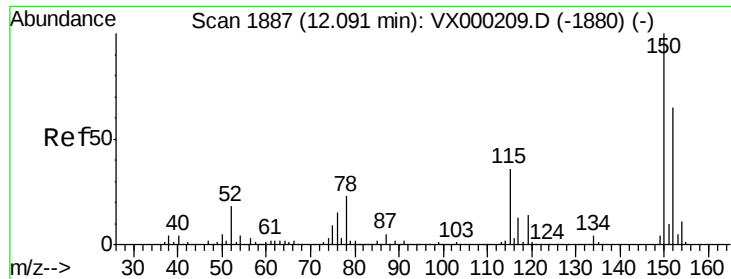


Abundance Ion 116.90 (116.60 to 117.60): VX000309.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000309.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000309.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: VX000309.D

Acq: 13 Mar 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VB-44949

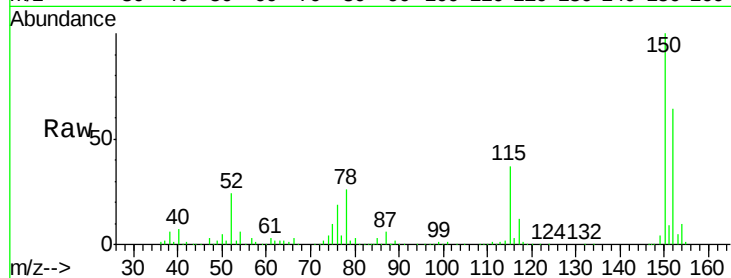
Tot Ion:152 Resp: 95652

Ion Ratio Lower Upper

152 100

115 58.0 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

