

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000790.D
 Acq On : 11 Apr 2018 20:11
 Operator : JC/MD
 Sample : J2304-12 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1

Quant Time: Apr 12 08:06:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	300591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	422028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	232296	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	153656	40.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.08%	
35) Dibromofluoromethane	5.51	113	128518	39.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.06%	
50) Toluene-d8	8.72	98	481970	39.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.62%	
62) 4-Bromofluorobenzene	11.15	95	194917	38.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.82%	

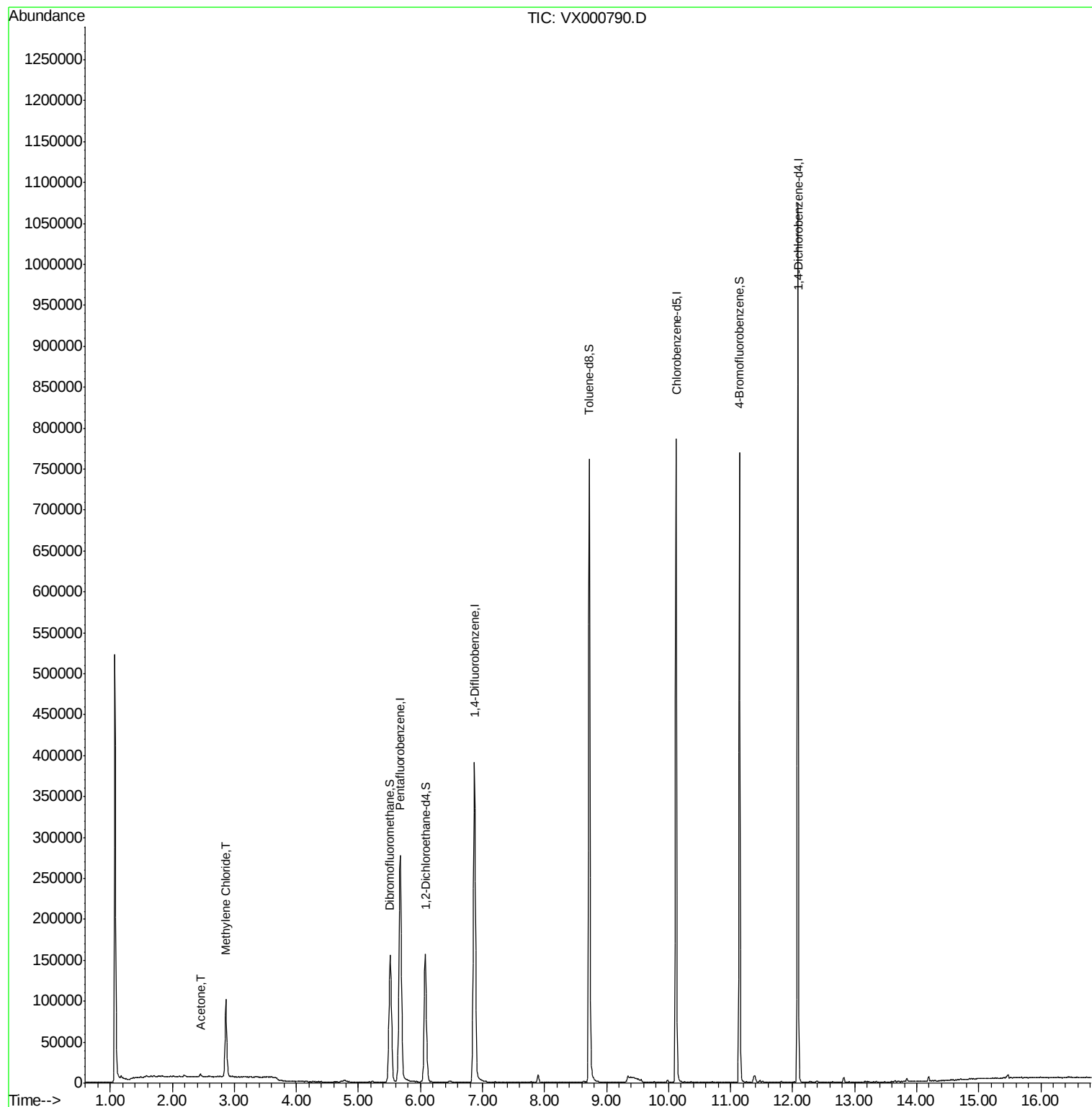
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	3483	2.66	ug/l	97
20) Methylene Chloride	2.86	84	45795	15.06	ug/l	98

(#) = 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. 0.01 min

Lab File: VX000790.D

Acq: 11 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

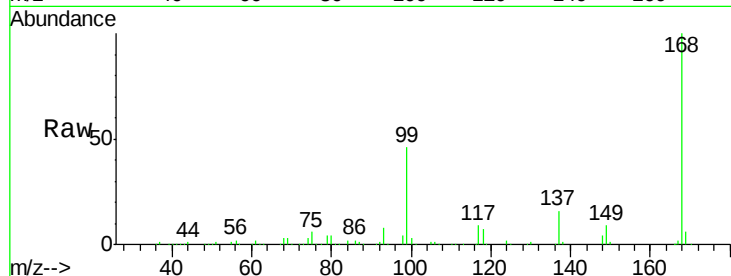
SP-1

Tot Ion:168 Resp: 300591

Ion Ratio Lower Upper

168 100

99 46.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

120000

100000

80000

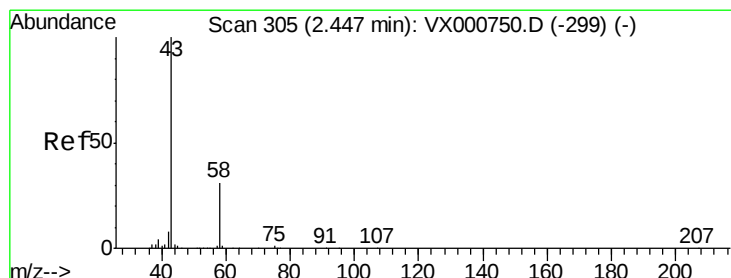
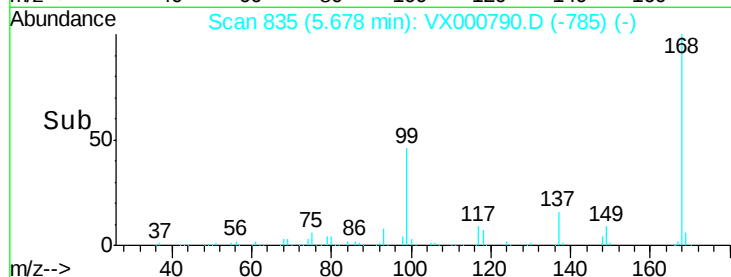
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.66 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000790.D

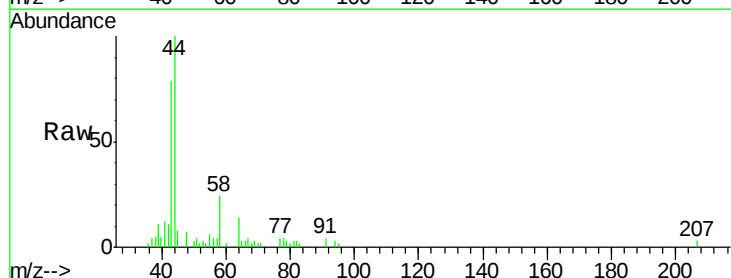
Acq: 11 Apr 2018 20:11

Tgt Ion: 43 Resp: 3483

Ion Ratio Lower Upper

43 100

58 32.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

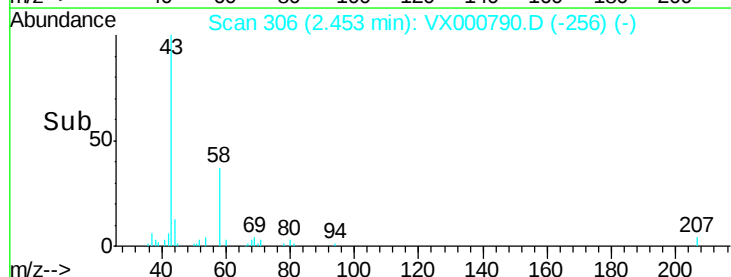
1500

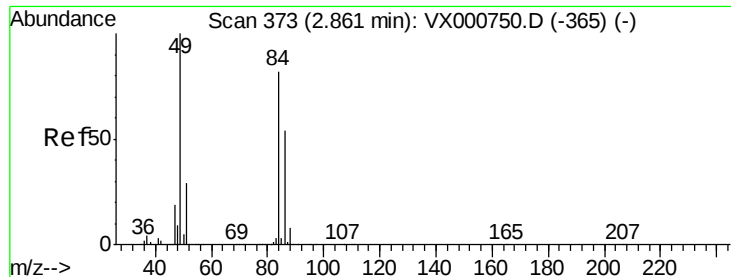
1000

500

0

Time--> 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 15.06 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000790.D

Acq: 11 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

SP-1

Tot Ion: 84 Resp: 45795

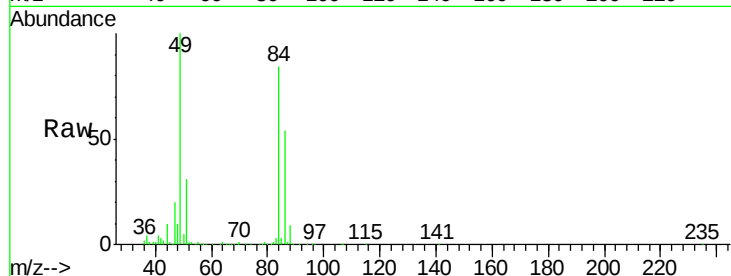
Ion Ratio Lower Upper

84 100

49 119.2 98.1 147.1

51 36.0 28.9 43.3

86 64.6 52.7 79.1

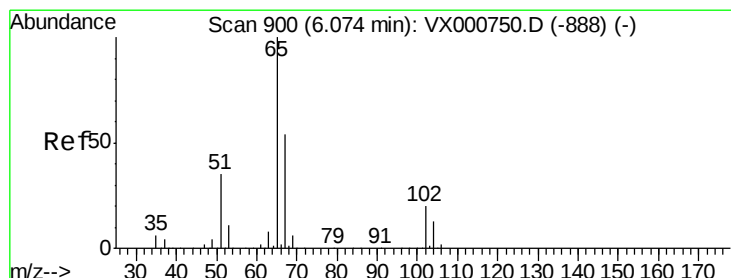
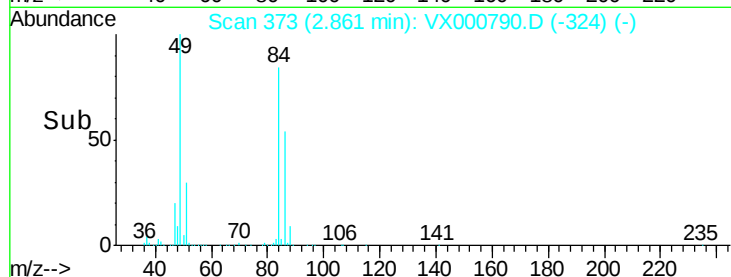
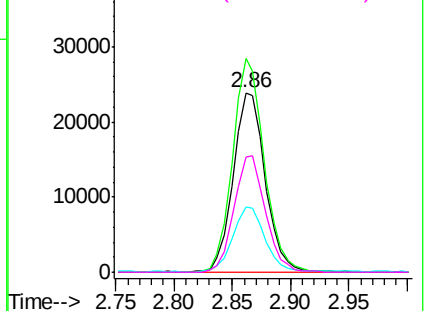


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 40.54 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000790.D

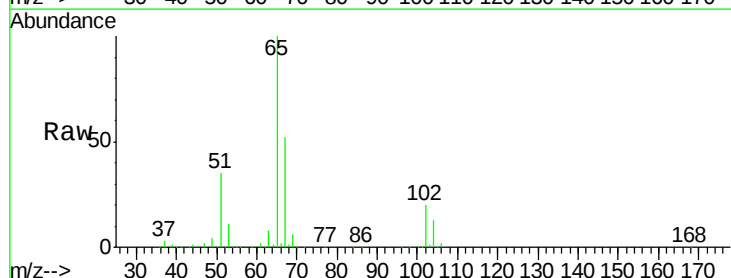
Acq: 11 Apr 2018 20:11

Tgt Ion: 65 Resp: 153656

Ion Ratio Lower Upper

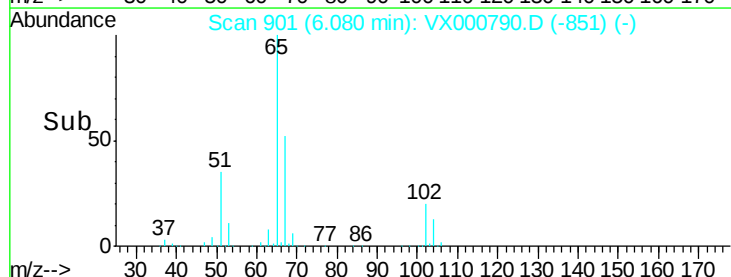
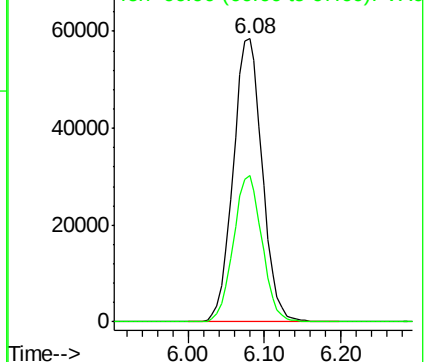
65 100

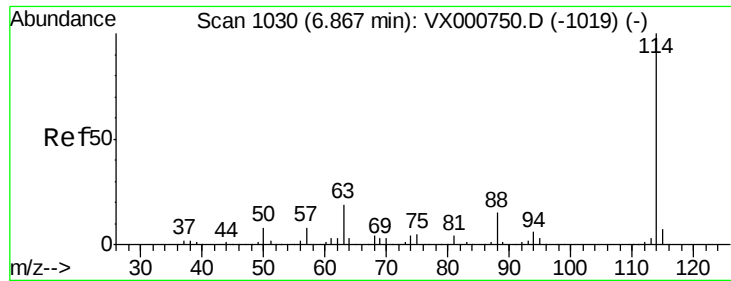
67 51.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

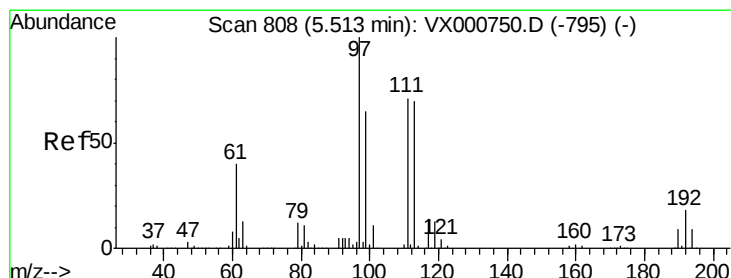
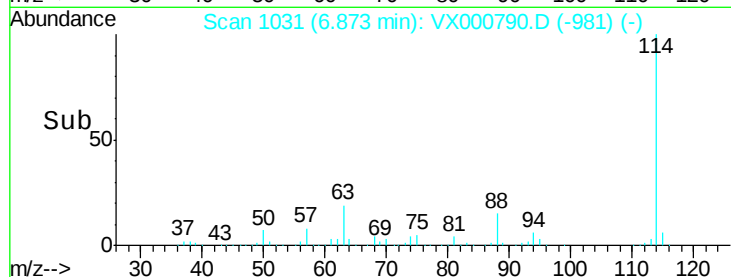
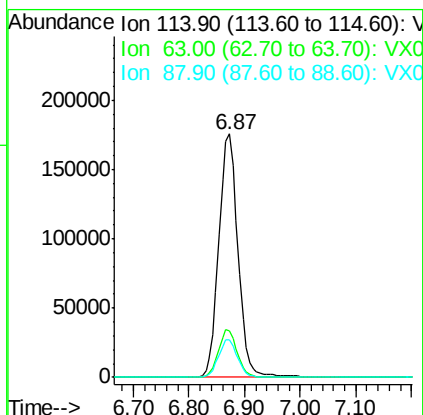
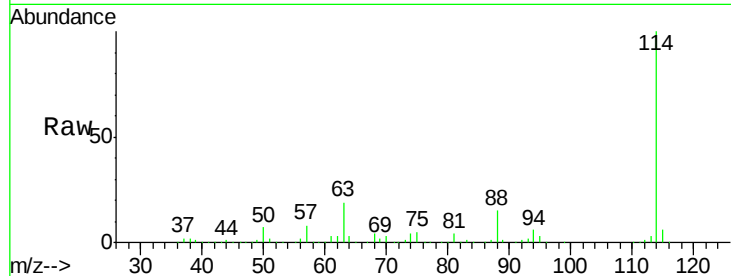




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000790.D
 Acq: 11 Apr 2018 20:11

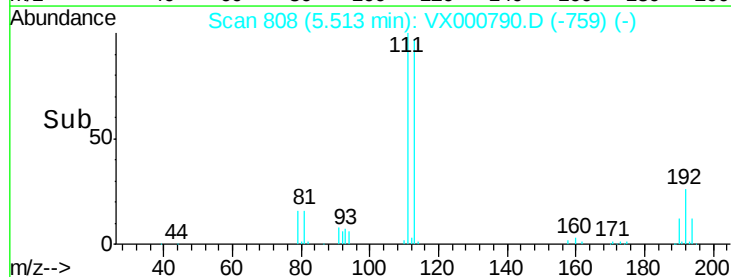
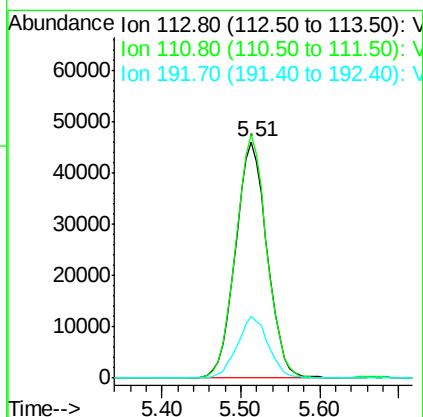
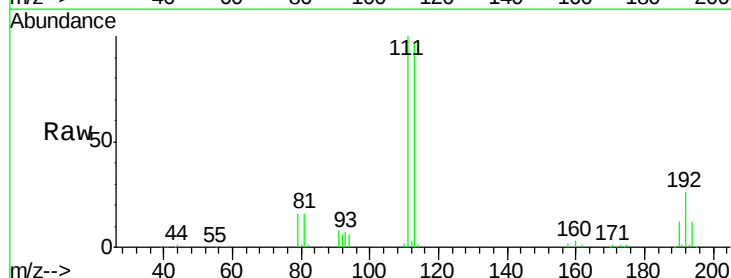
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1

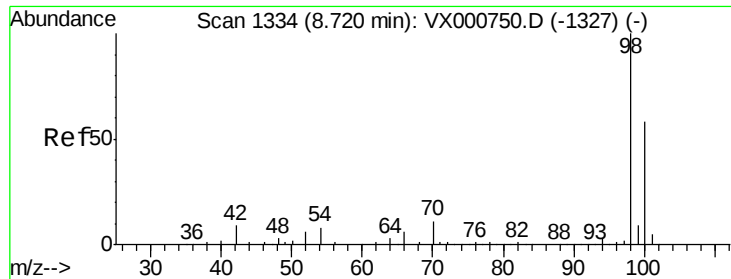
Tot Ion:114 Resp: 422028
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 15.3 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 39.53 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000790.D
 Acq: 11 Apr 2018 20:11

Tgt Ion:113 Resp: 128518
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.5 122.3
 192 25.8 20.4 30.6

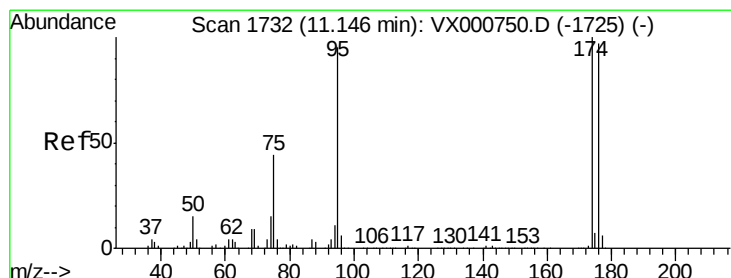
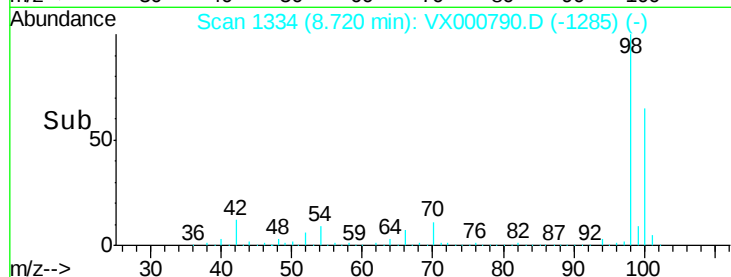
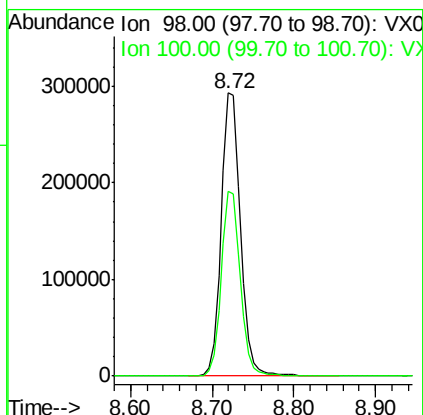
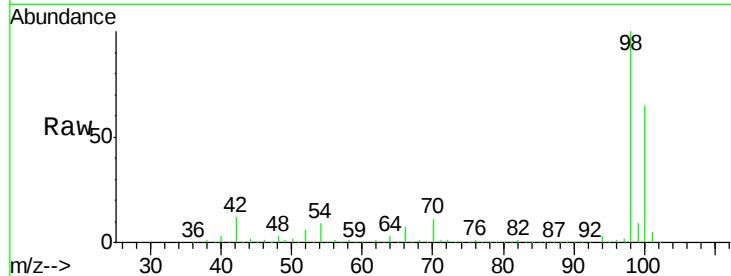




#50
Toluene-d8
Concen: 39.81 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000790.D
Acq: 11 Apr 2018 20:11

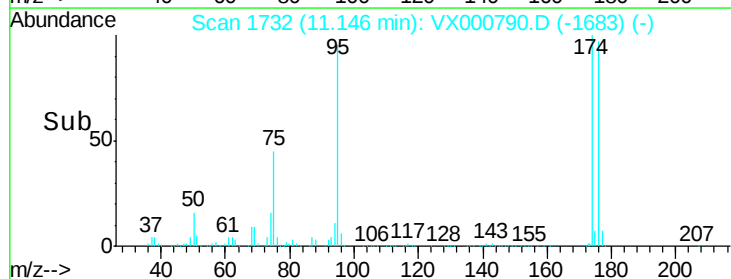
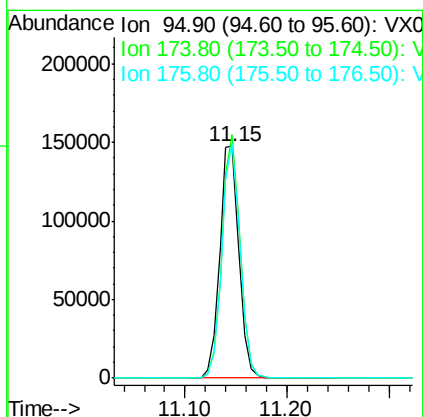
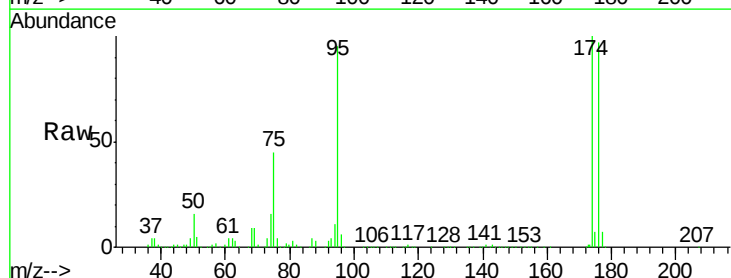
Instrument :
MSVOA_X
ClientSampleId :
SP-1

Tot Ion: 98 Resp: 481970
Ion Ratio Lower Upper
98 100
100 64.8 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 38.91 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000790.D
Acq: 11 Apr 2018 20:11

Tgt Ion: 95 Resp: 194917
Ion Ratio Lower Upper
95 100
174 98.6 0.0 198.4
176 95.6 0.0 194.4

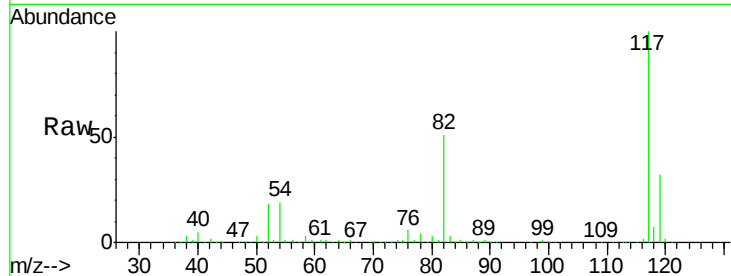




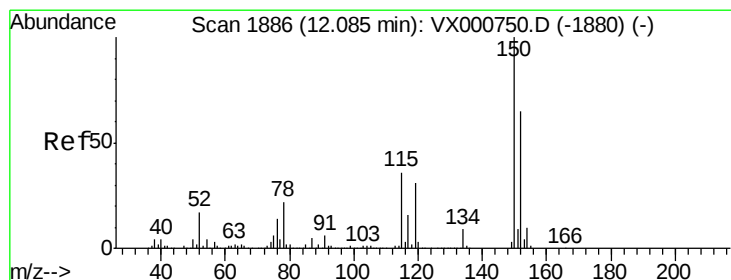
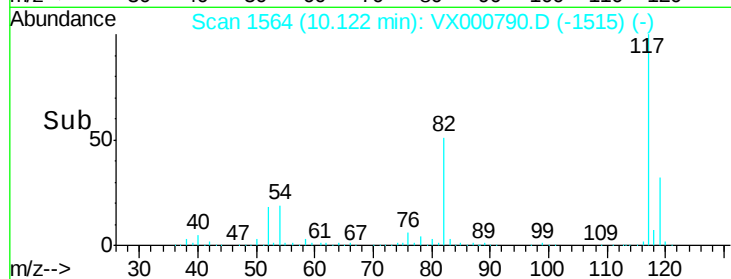
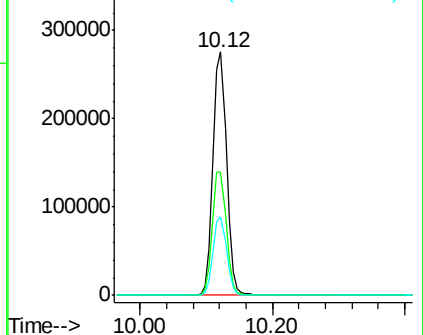
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000790.D
Acq: 11 Apr 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
SP-1

Tot Ion:117 Resp: 390193
Ion Ratio Lower Upper
117 100
82 50.9 41.9 62.9
119 32.3 26.0 39.0

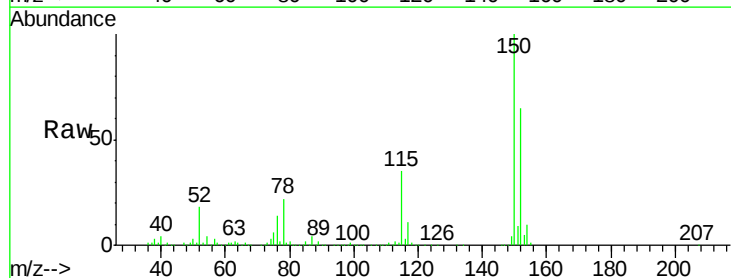


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000790.D
Acq: 11 Apr 2018 20:11

Tgt Ion:152 Resp: 232296
Ion Ratio Lower Upper
152 100
115 53.1 37.9 113.7
150 154.6 0.0 348.0



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

