

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000788.D
 Acq On : 11 Apr 2018 19:20
 Operator : JC/MD
 Sample : J2302-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT4235-RT3407

Quant Time: Apr 12 07:58:31 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

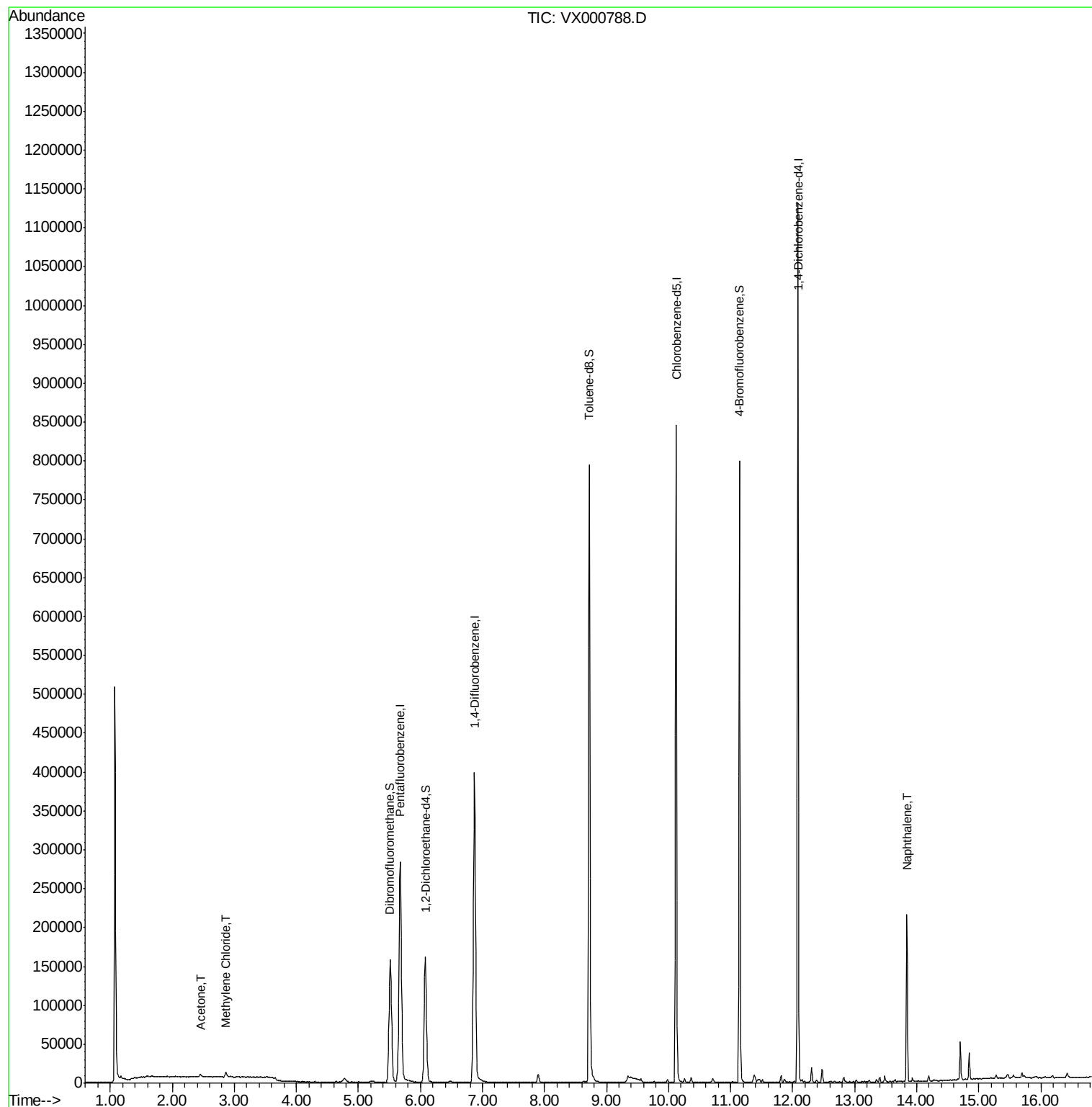
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	310186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	427723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	401845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	156406	39.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.98%	
35) Dibromofluoromethane	5.51	113	130862	39.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.42%	
50) Toluene-d8	8.72	98	493281	40.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.40%	
62) 4-Bromofluorobenzene	11.15	95	202265	39.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.68%	
Target Compounds						
16) Acetone	2.45	43	3939	2.92	ug/l	90
20) Methylene Chloride	2.87	84	3123	1.00	ug/l	87
95) Naphthalene	13.84	128	131331	7.44	ug/l	99

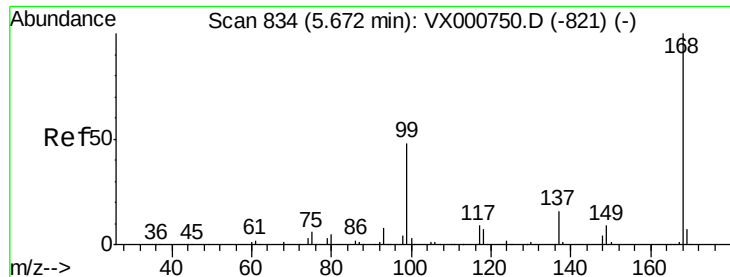
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000788.D

Acq: 11 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

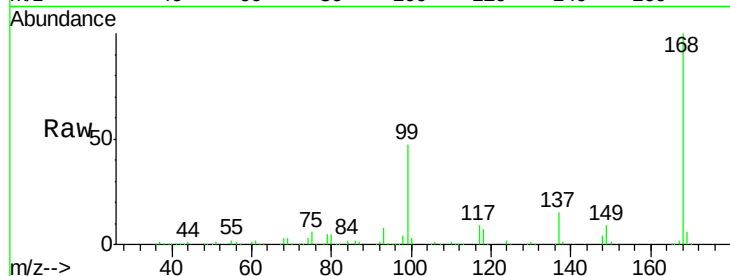
RT4235-RT3407

Tot Ion:168 Resp: 310186

Ion Ratio Lower Upper

168 100

99 47.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

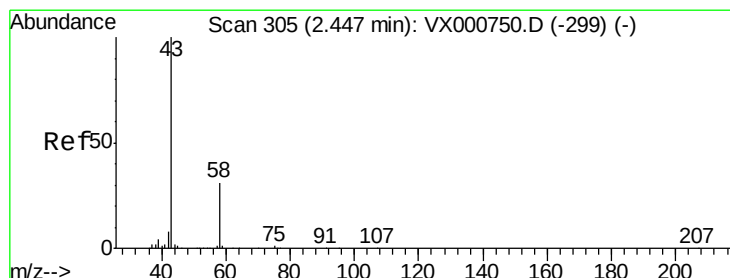
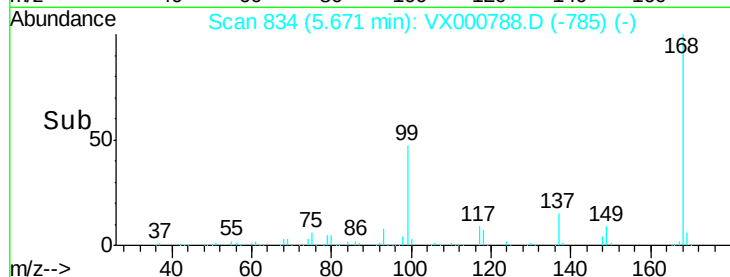
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.92 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000788.D

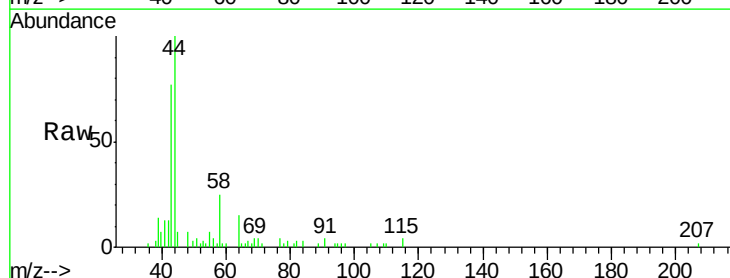
Acq: 11 Apr 2018 19:20

Tgt Ion: 43 Resp: 3939

Ion Ratio Lower Upper

43 100

58 36.1 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

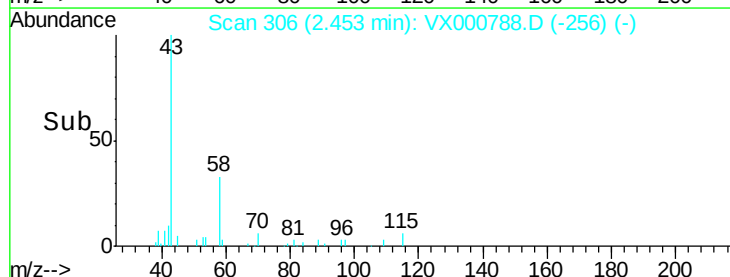
1500

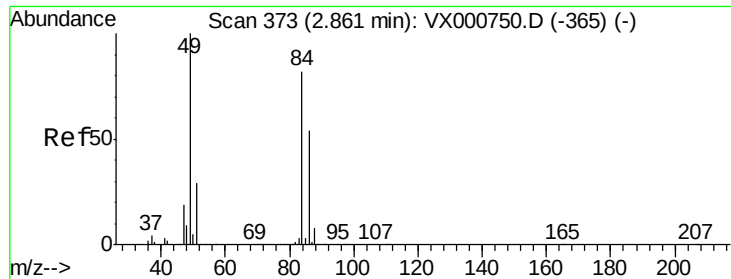
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 1.00 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX000788.D

Acq: 11 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

RT4235-RT3407

Tot Ion: 84 Resp: 3123

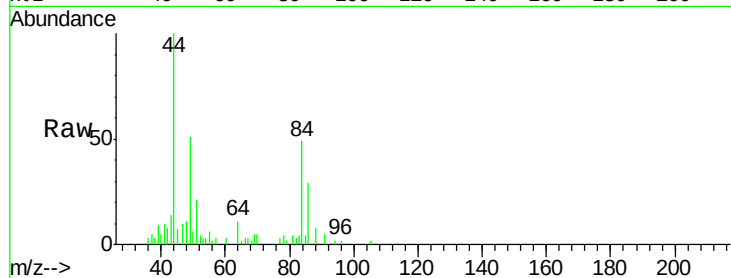
Ion Ratio Lower Upper

84 100

49 102.4 98.1 147.1

51 37.0 28.9 43.3

86 57.8 52.7 79.1

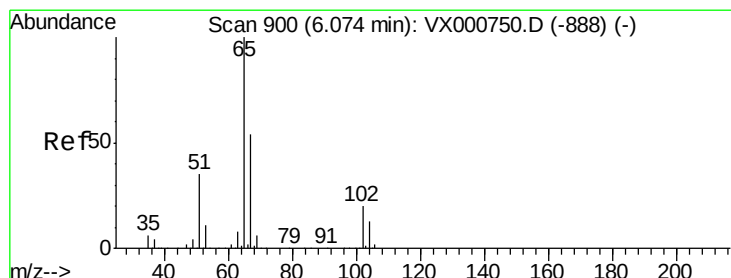
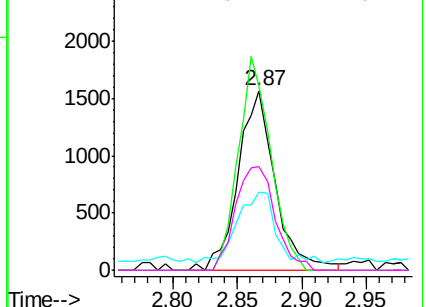
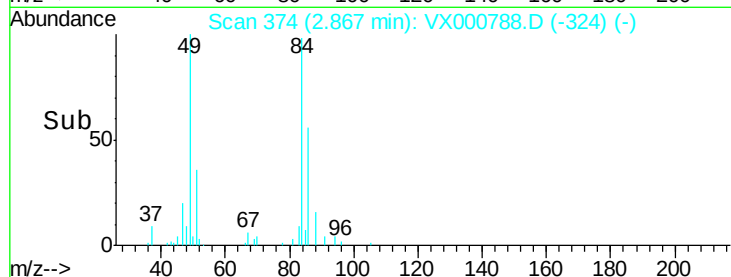


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 39.99 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000788.D

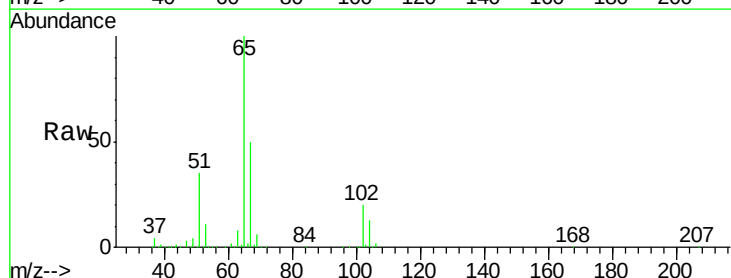
Acq: 11 Apr 2018 19:20

Tgt Ion: 65 Resp: 156406

Ion Ratio Lower Upper

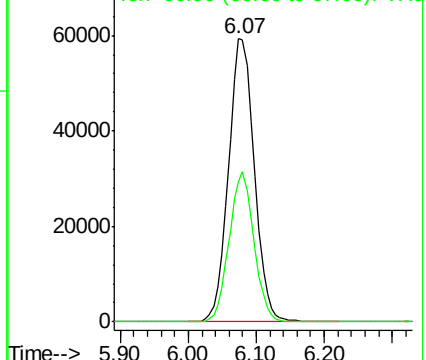
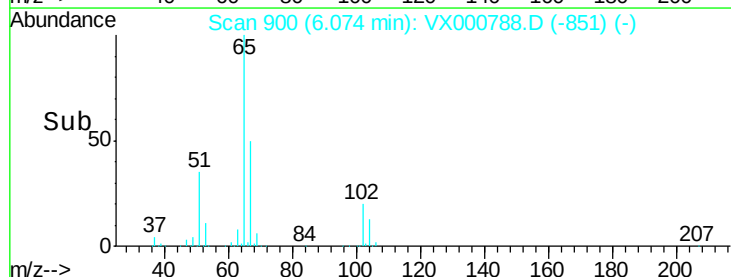
65 100

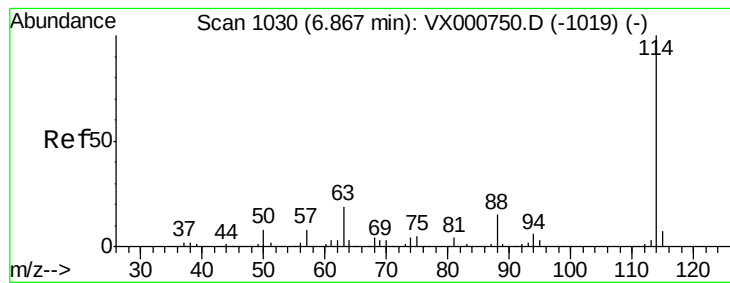
67 50.9 0.0 103.8



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: VX000788.D

Acq: 11 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

RT4235-RT3407

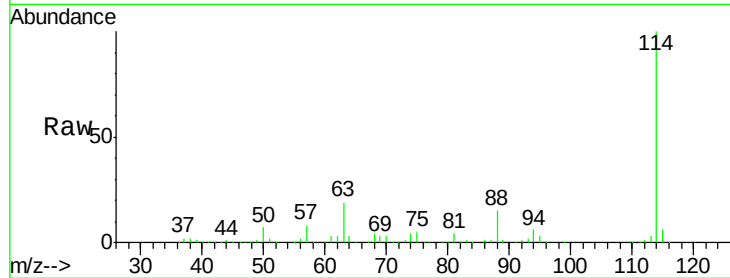
Tot Ion:114 Resp: 427723

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

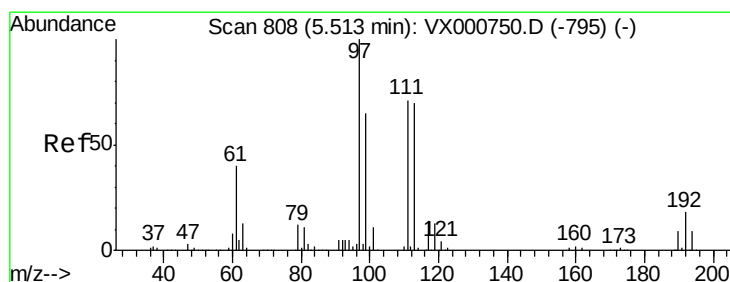
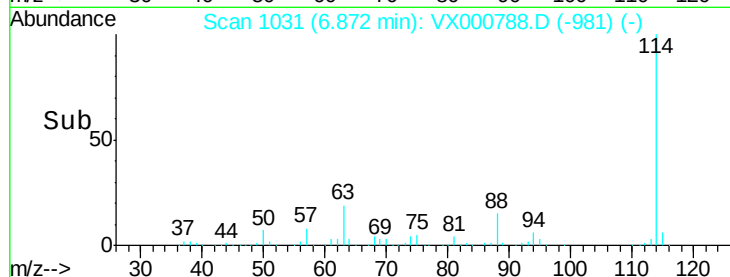
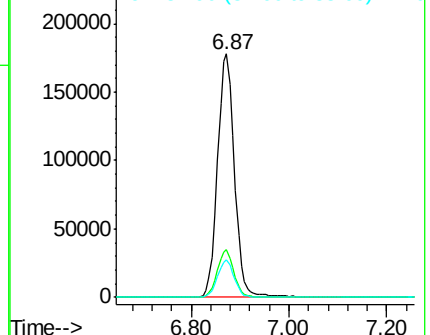
88 15.2 0.0 31.0



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: 39.71 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000788.D

Acq: 11 Apr 2018 19:20

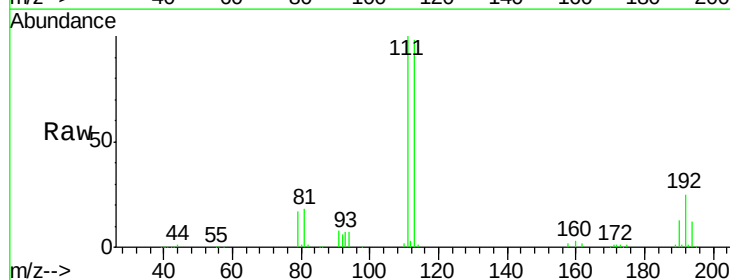
Tgt Ion:113 Resp: 130862

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

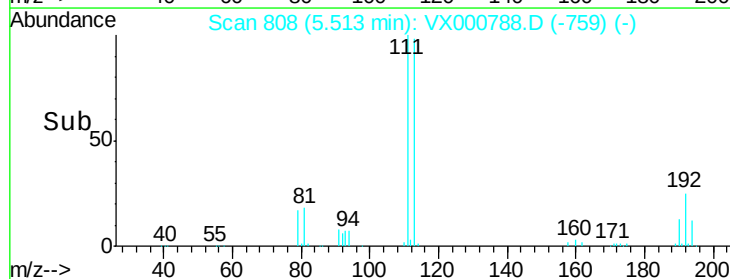
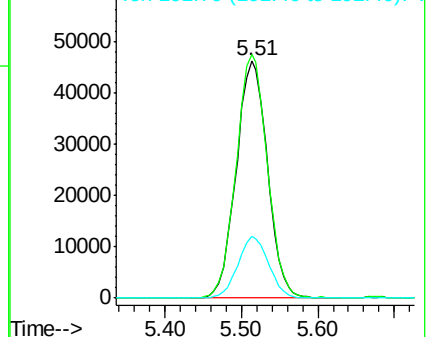
192 25.6 20.4 30.6

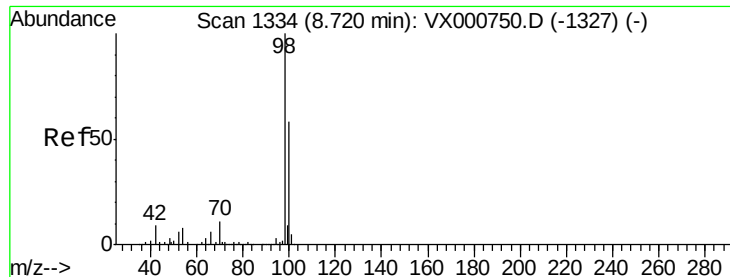


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 40.20 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000788.D

Acq: 11 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

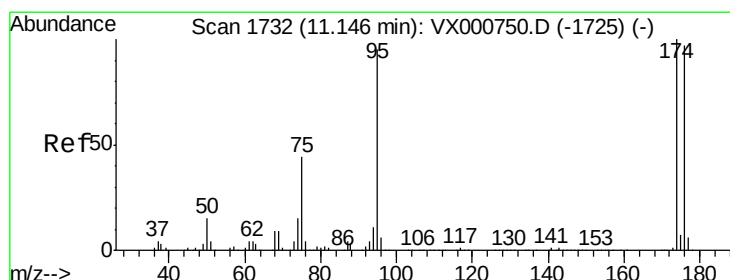
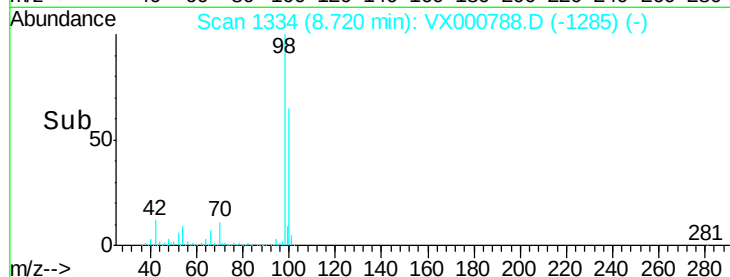
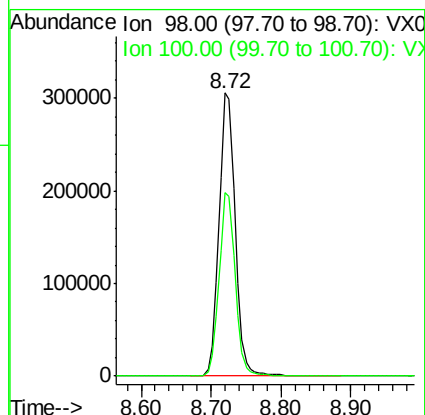
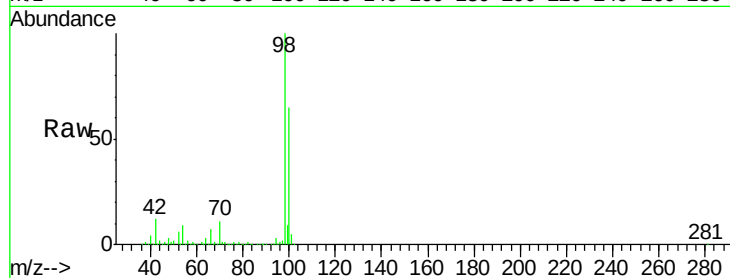
RT4235-RT3407

Tot Ion: 98 Resp: 493281

Ion Ratio Lower Upper

98 100

100 64.6 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 39.84 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000788.D

Acq: 11 Apr 2018 19:20

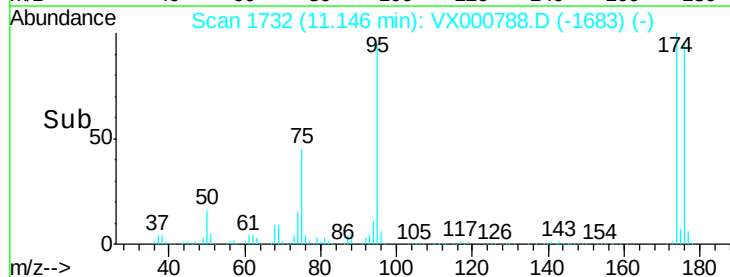
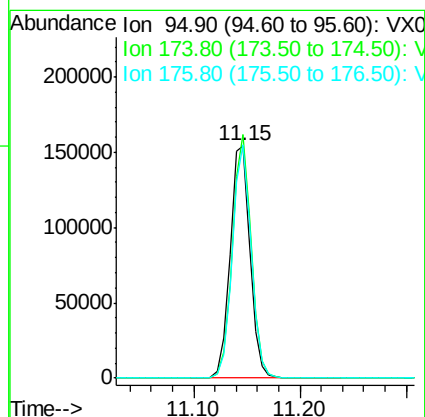
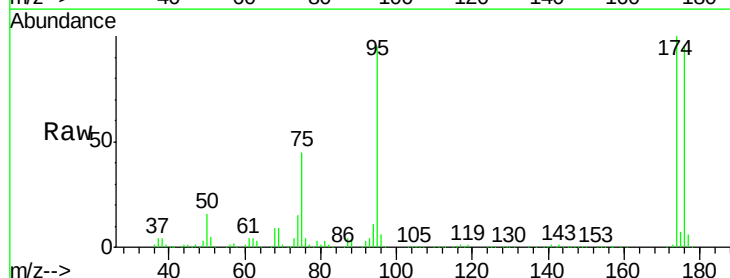
Tgt Ion: 95 Resp: 202265

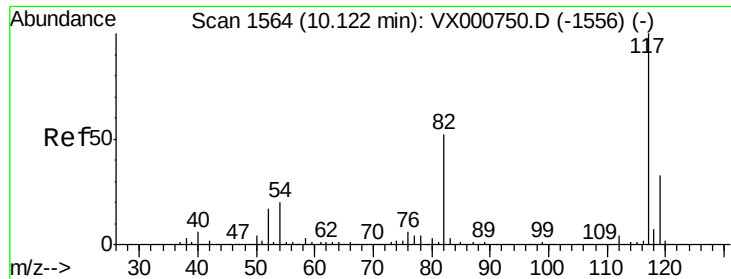
Ion Ratio Lower Upper

95 100

174 98.7 0.0 198.4

176 95.3 0.0 194.4

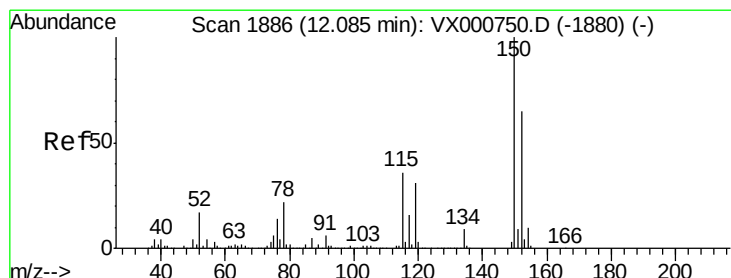
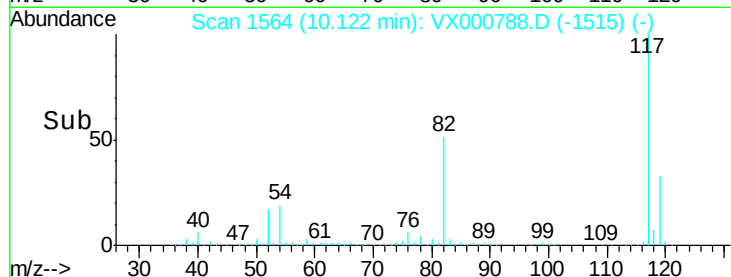
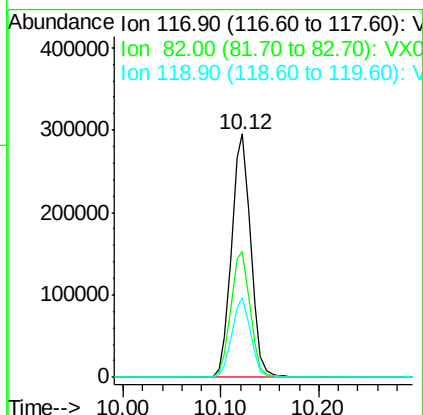
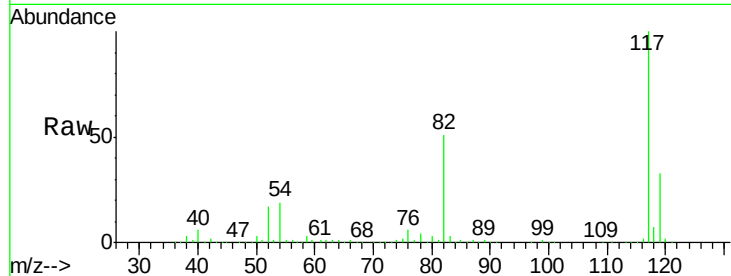




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000788.D
Acq: 11 Apr 2018 19:20

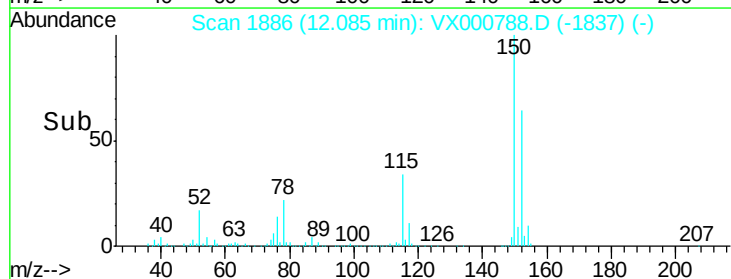
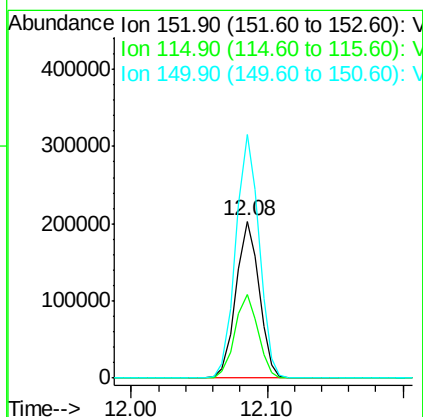
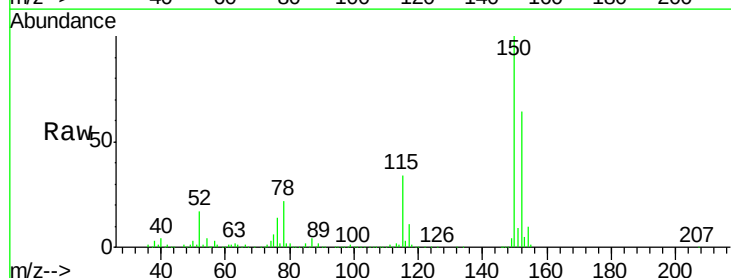
Instrument :
MSVOA_X
ClientSampleId :
RT4235-RT3407

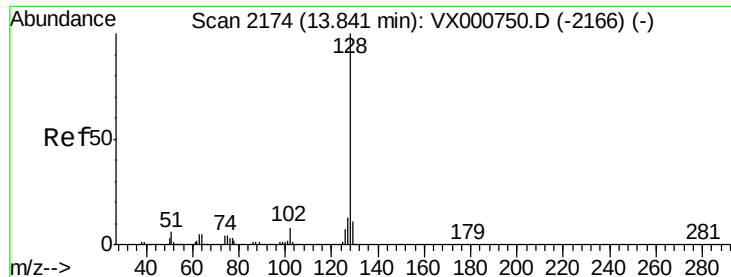
Tot Ion:117 Resp: 401845
Ion Ratio Lower Upper
117 100
82 51.5 41.9 62.9
119 32.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000788.D
Acq: 11 Apr 2018 19:20

Tgt Ion:152 Resp: 242534
Ion Ratio Lower Upper
152 100
115 52.9 37.9 113.7
150 155.8 0.0 348.0

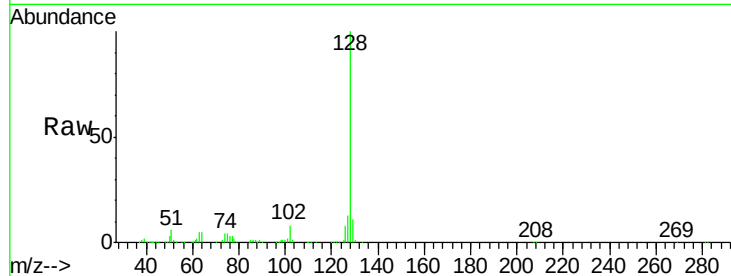




#95
Naphthalene
Concen: 7.44 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000788.D
Acq: 11 Apr 2018 19:20

Instrument :
MSVOA_X
ClientSampleId :
RT4235-RT3407

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.6	8.7	13.1



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

