

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000787.D
 Acq On : 11 Apr 2018 18:55
 Operator : JC/MD
 Sample : J2297-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-3-1

Quant Time: Apr 12 07:56:50 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	308230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	430113	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	401744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	239697	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	156349	40.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.46%	
35) Dibromofluoromethane	5.51	113	131470	39.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.34%	
50) Toluene-d8	8.72	98	492457	39.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.82%	
62) 4-Bromofluorobenzene	11.14	95	201612	39.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.98%	

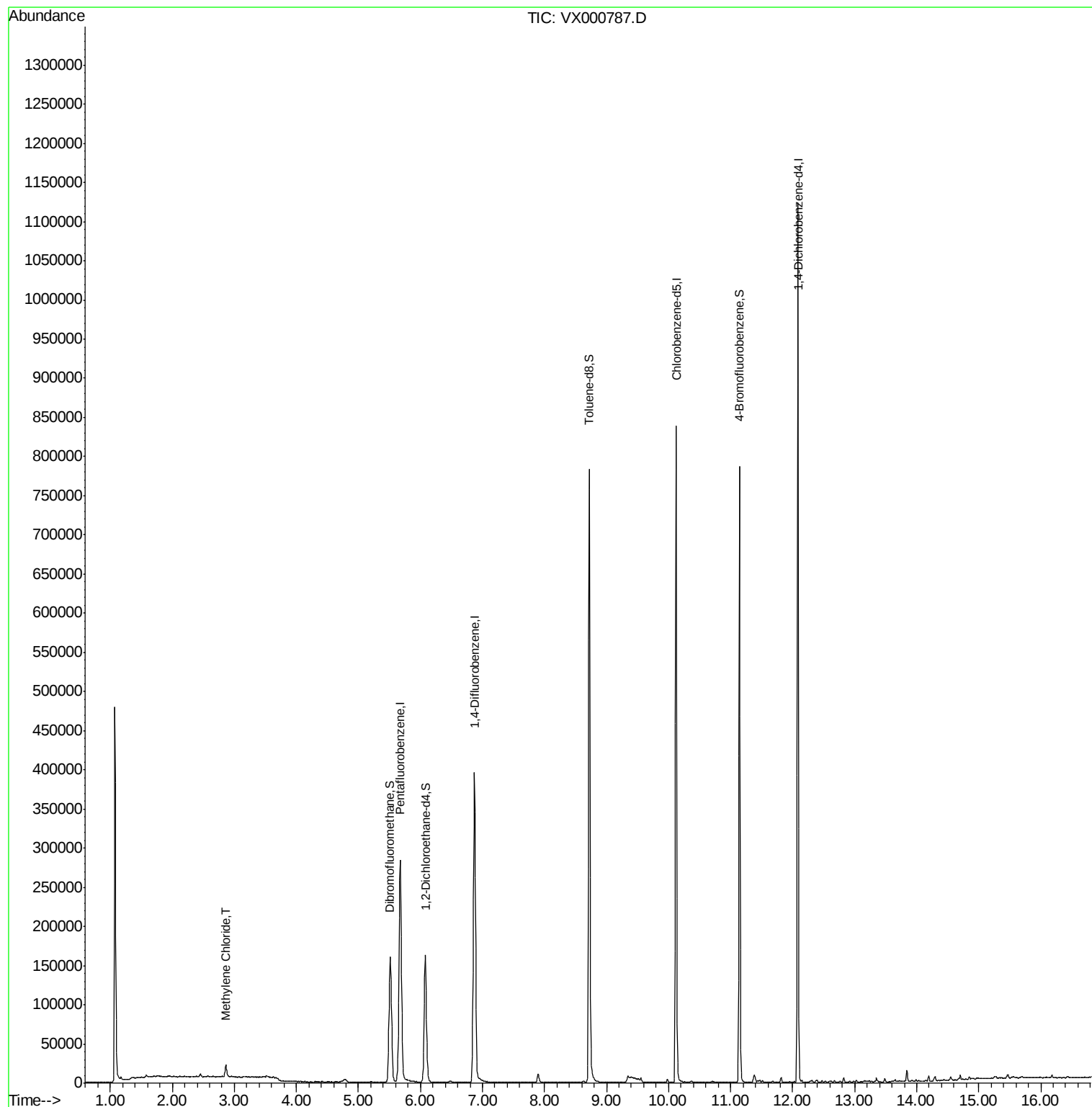
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.86	84	7143	2.29	ug/l	96

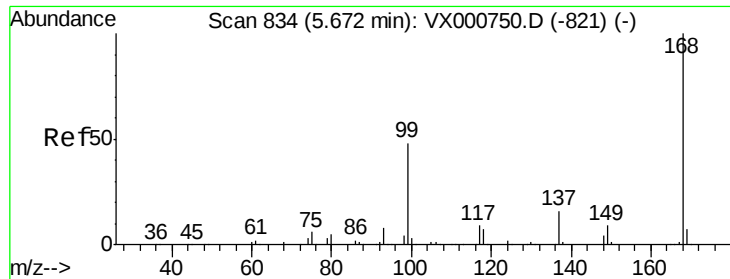
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000787.D

Acq: 11 Apr 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

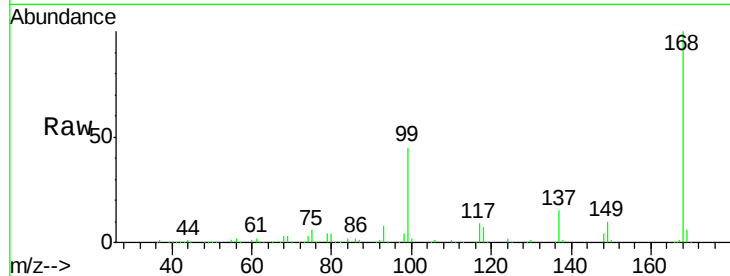
RO-3-1

Tot Ion:168 Resp: 308230

Ion Ratio Lower Upper

168 100

99 45.1 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

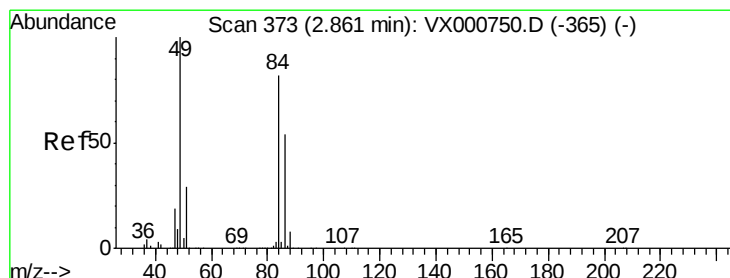
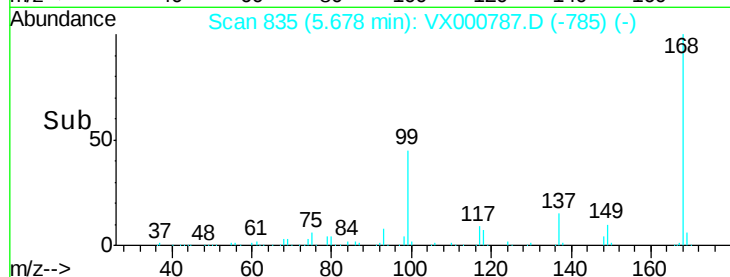
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.29 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000787.D

Acq: 11 Apr 2018 18:55

Tgt Ion: 84 Resp: 7143

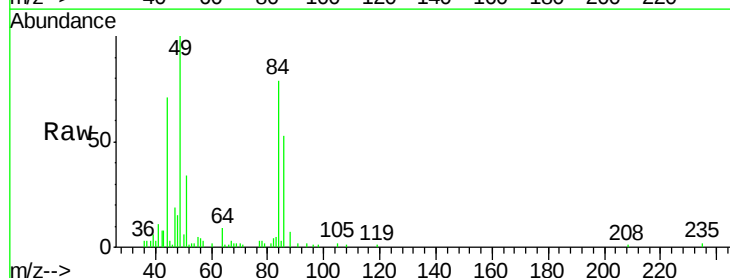
Ion Ratio Lower Upper

84 100

49 126.9 98.1 147.1

51 40.2 28.9 43.3

86 67.1 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

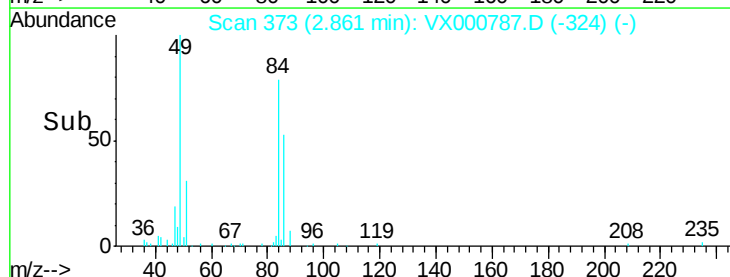
6000

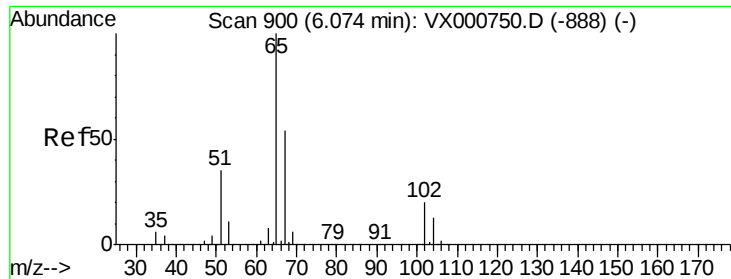
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 40.23 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000787.D

Acq: 11 Apr 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

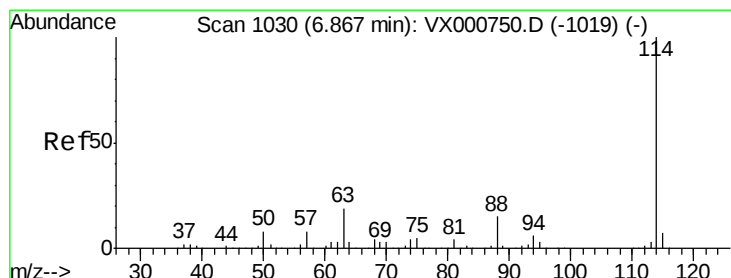
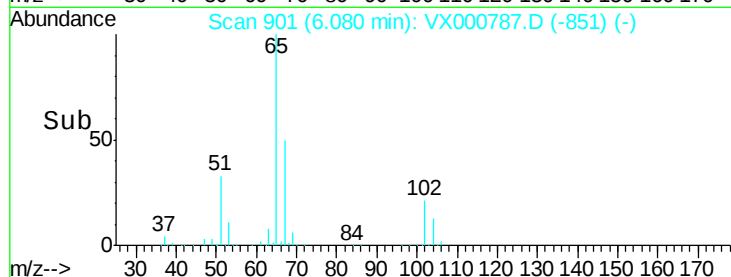
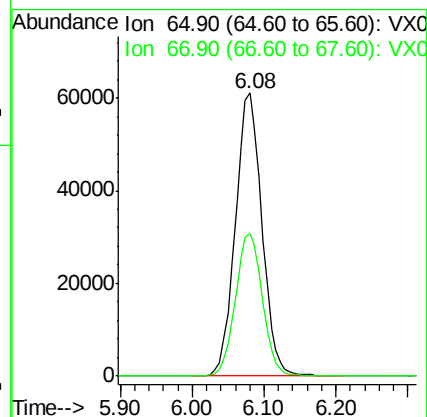
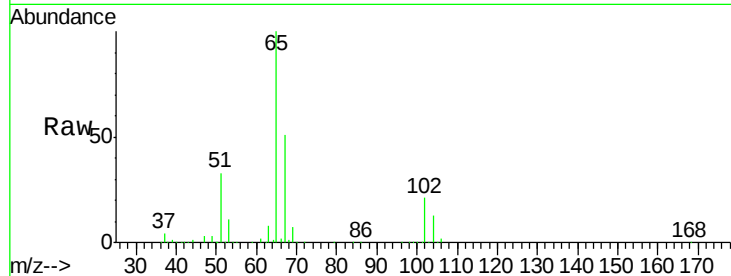
RO-3-1

Tot Ion: 65 Resp: 156349

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000787.D

Acq: 11 Apr 2018 18:55

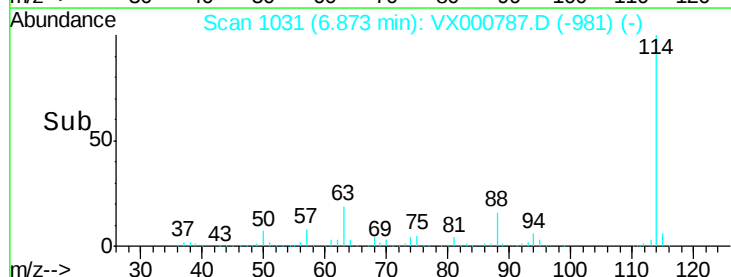
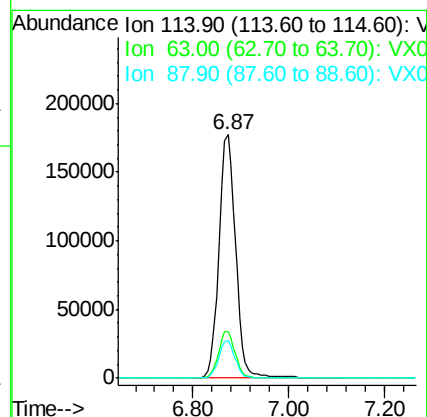
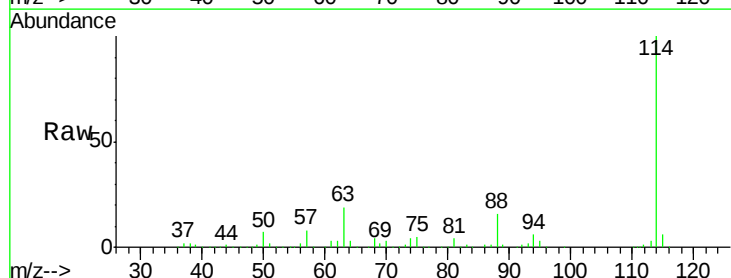
Tgt Ion: 114 Resp: 430113

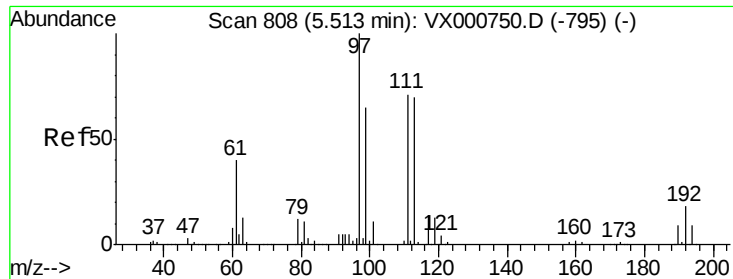
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 15.6 0.0 31.0

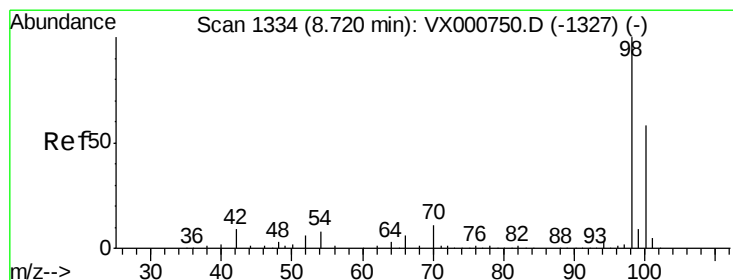
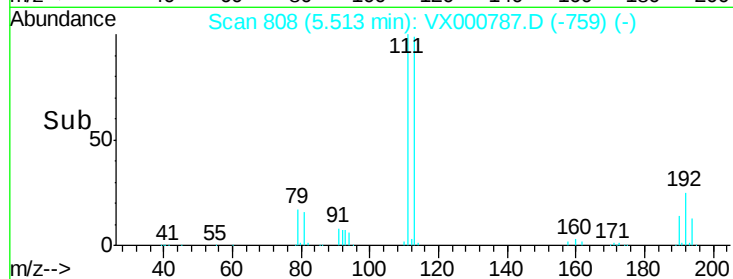
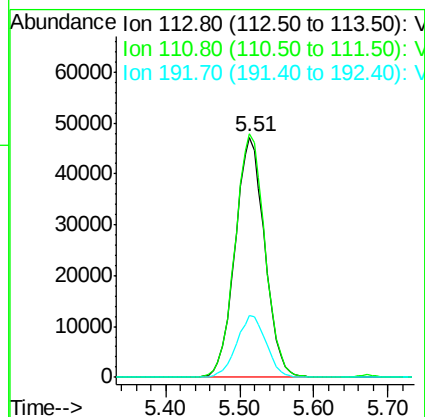
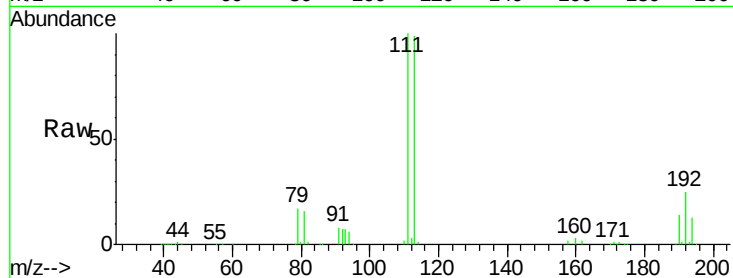




#35
 Dibromofluoromethane
 Concen: 39.67 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000787.D
 Acq: 11 Apr 2018 18:55

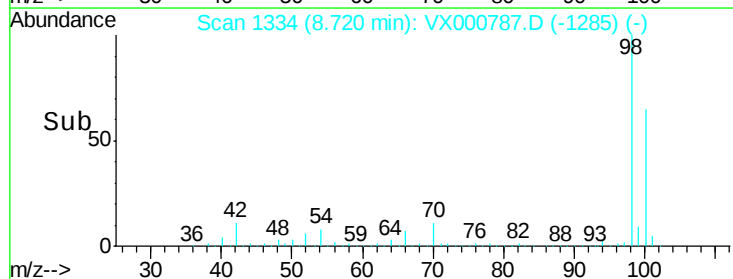
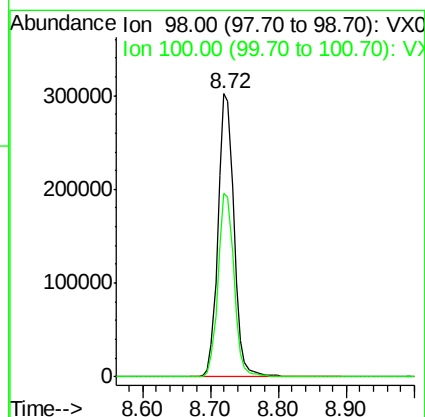
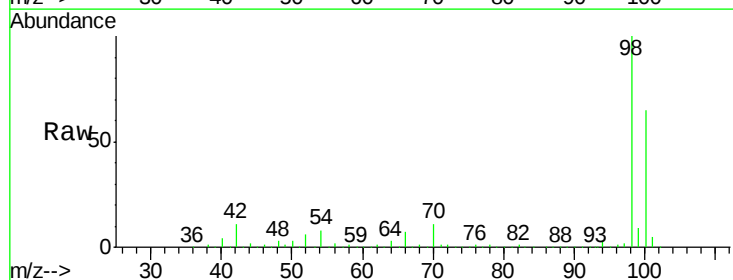
Instrument :
 MSVOA_X
 ClientSampled :
 RO-3-1

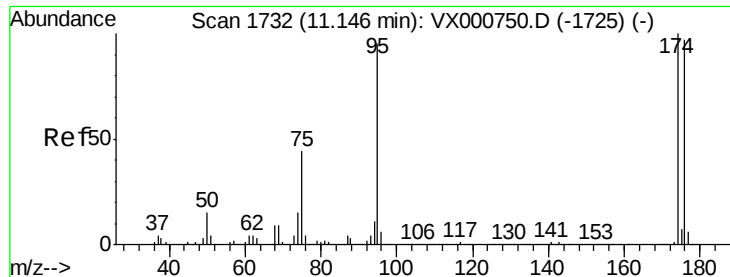
Tot Ion:113 Resp: 131470
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.5 122.3
 192 25.8 20.4 30.6



#50
 Toluene-d8
 Concen: 39.91 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX000787.D
 Acq: 11 Apr 2018 18:55

Tgt Ion: 98 Resp: 492457
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 39.49 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000787.D

Acq: 11 Apr 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

RO-3-1

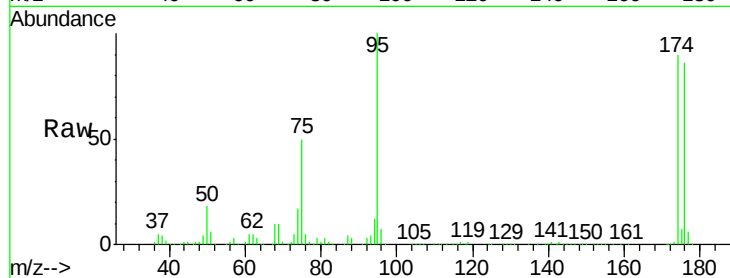
Tot Ion: 95 Resp: 201612

Ion Ratio Lower Upper

95 100

174 98.3 0.0 198.4

176 96.0 0.0 194.4



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

11.14

150000

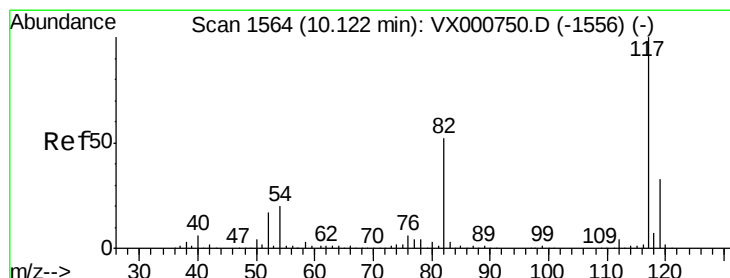
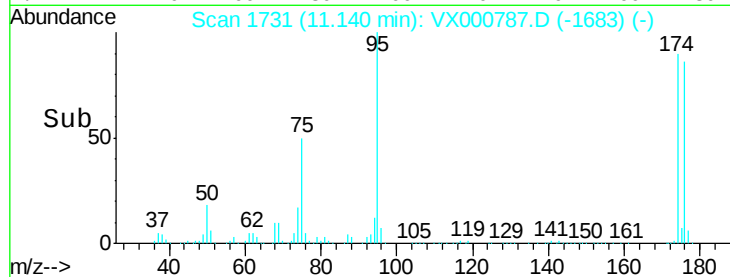
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000787.D

Acq: 11 Apr 2018 18:55

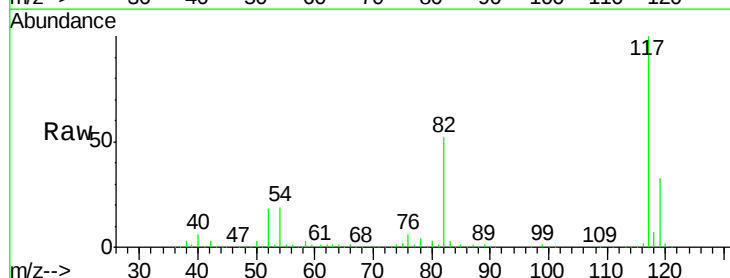
Tgt Ion: 117 Resp: 401744

Ion Ratio Lower Upper

117 100

82 51.6 41.9 62.9

119 33.0 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

10.12

400000

300000

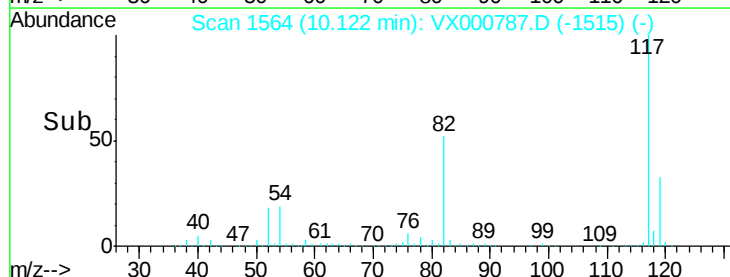
200000

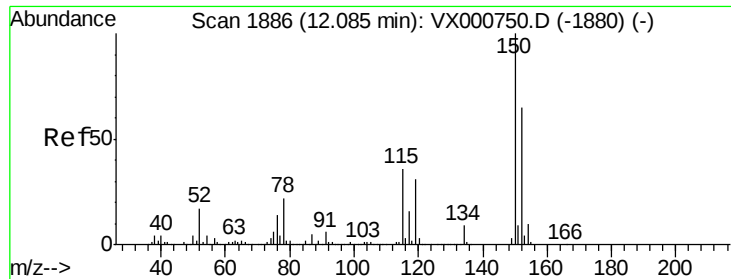
100000

0

10.00 10.10 10.20 10.30

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000787.D

Acq: 11 Apr 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

RO-3-1

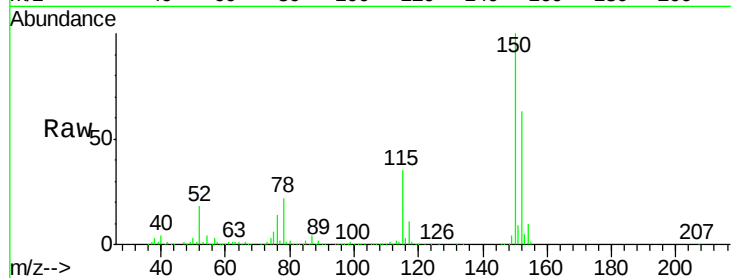
Tot Ion:152 Resp: 239697

Ion Ratio Lower Upper

152 100

115 53.8 37.9 113.7

150 157.0 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

