

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003115.D
 Acq On : 01 Jul 2018 08:39
 Operator : JC/MD
 Sample : J3799-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Jul 02 05:55:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

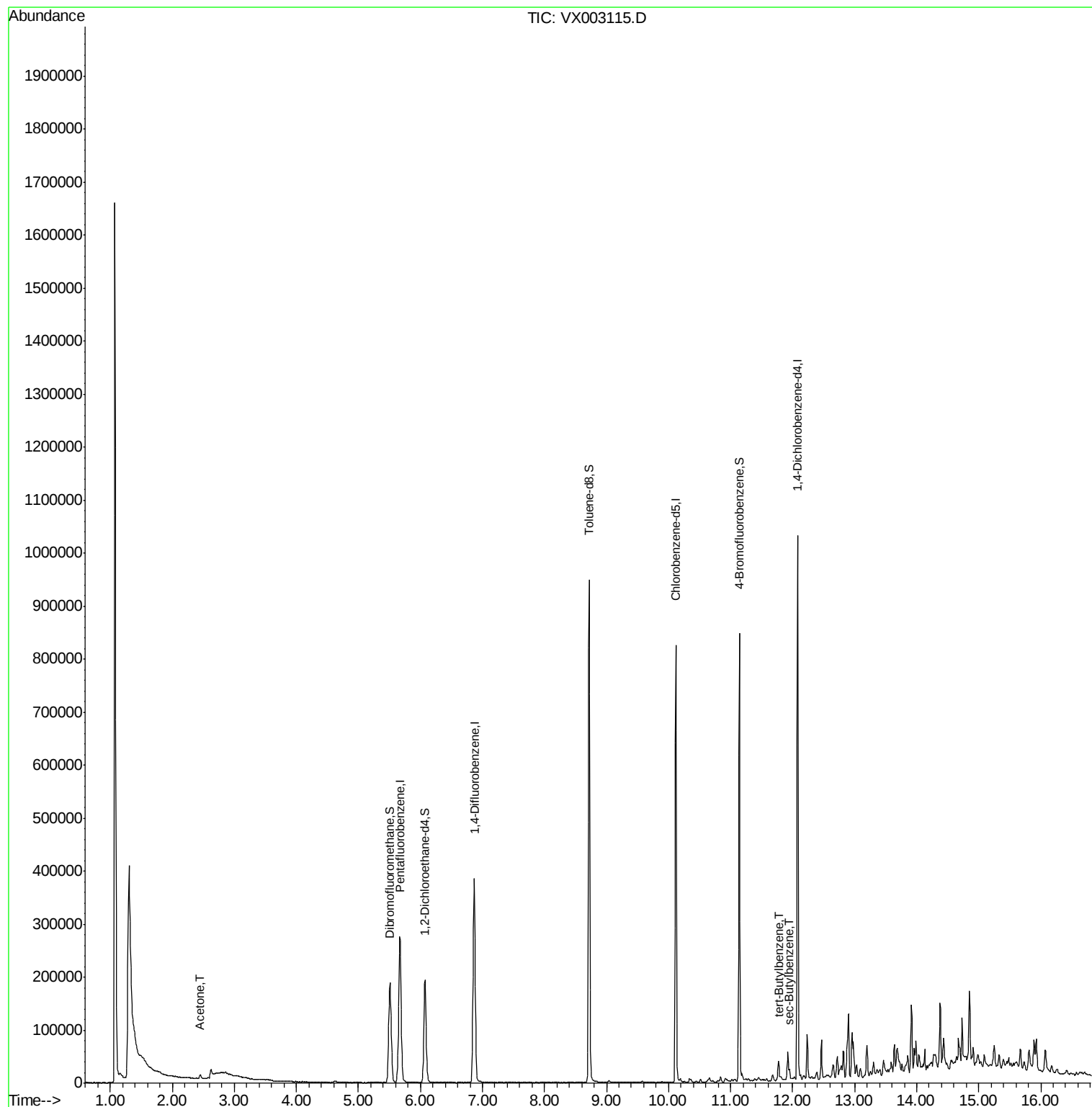
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	392538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	367260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	185492	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	5.51	113	155890	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	8.72	98	550856	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	11.14	95	197438	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
Target Compounds						
16) Acetone	2.45	43	8454	5.28	ug/l	97
83) tert-Butylbenzene	11.77	119	13405	1.11	ug/l	91
85) sec-Butylbenzene	11.95	105	6851	0.47	ug/l #	56

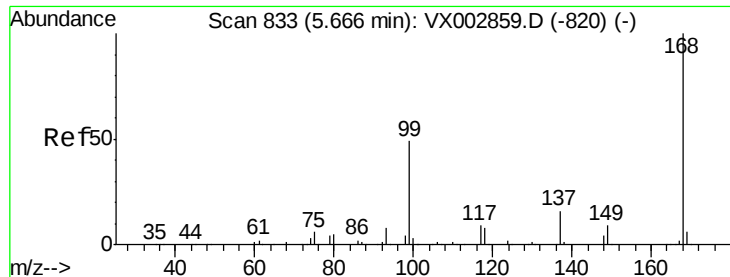
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003115.D

Acq: 01 Jul 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

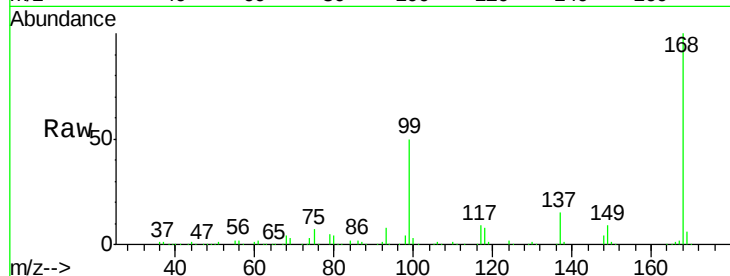
MW-24

Tot Ion:168 Resp: 279715

Ion Ratio Lower Upper

168 100

99 50.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

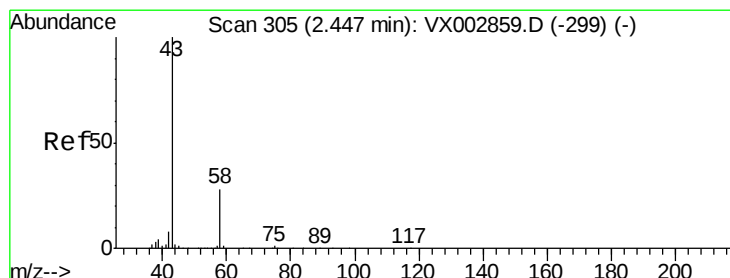
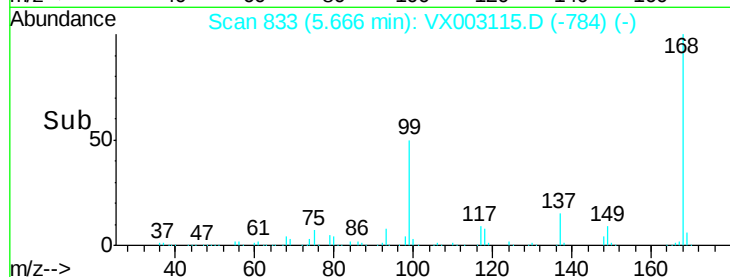
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.28 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003115.D

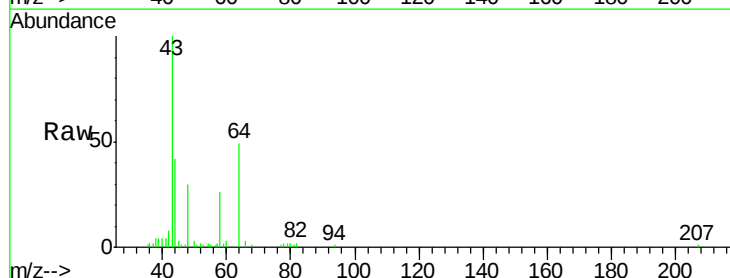
Acq: 01 Jul 2018 08:39

Tgt Ion: 43 Resp: 8454

Ion Ratio Lower Upper

43 100

58 26.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

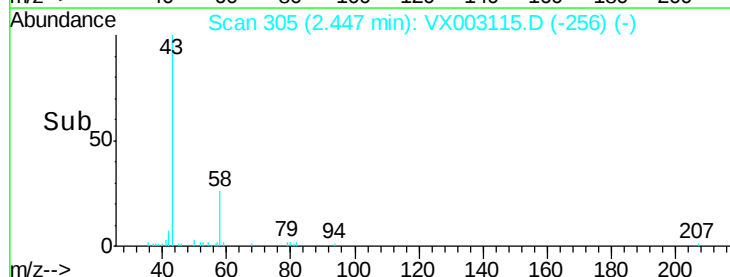
3000

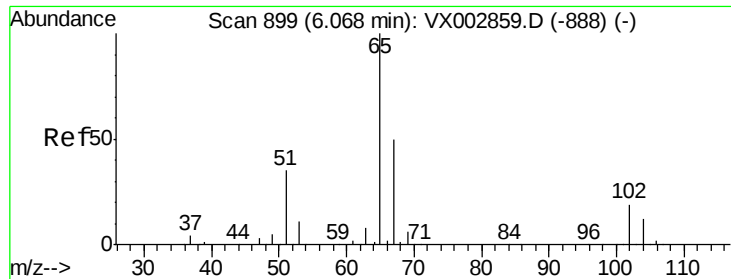
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

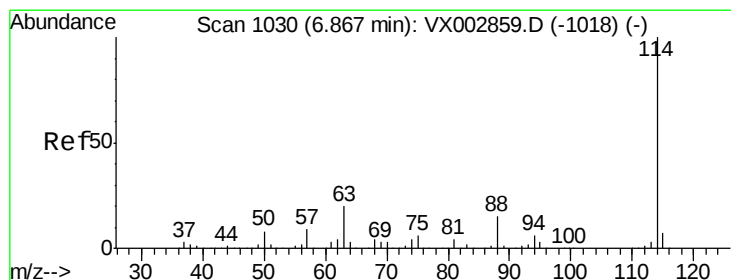
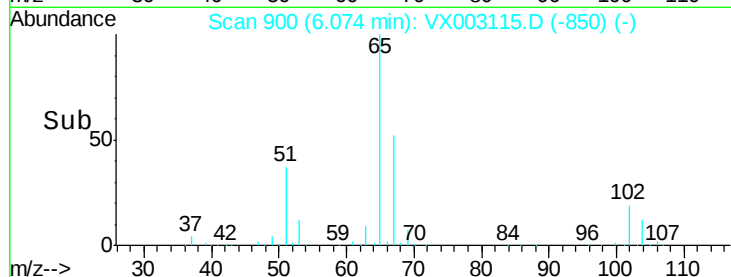
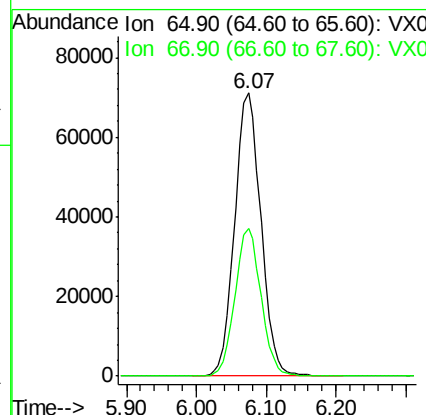
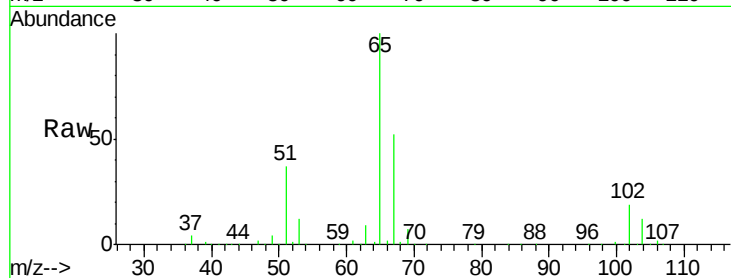




#33
 1,2-Dichloroethane-d4
 Concen: 47.98 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003115.D
 Acq: 01 Jul 2018 08:39

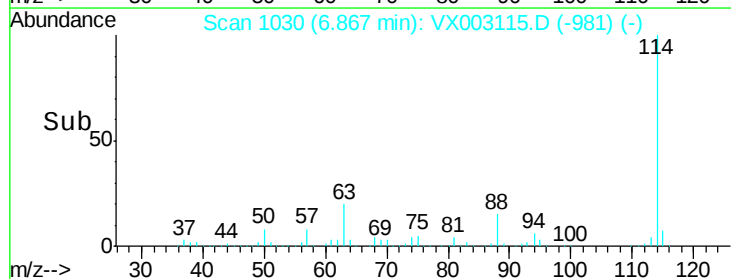
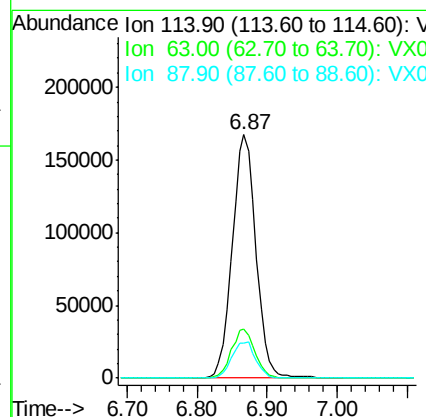
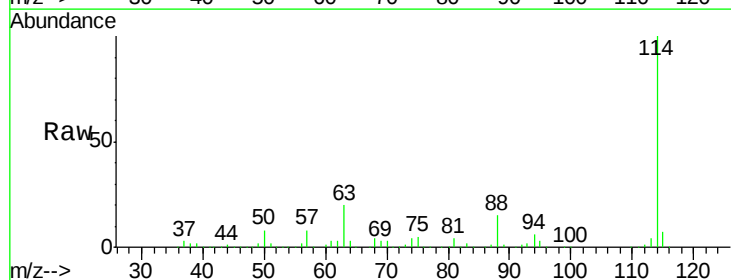
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

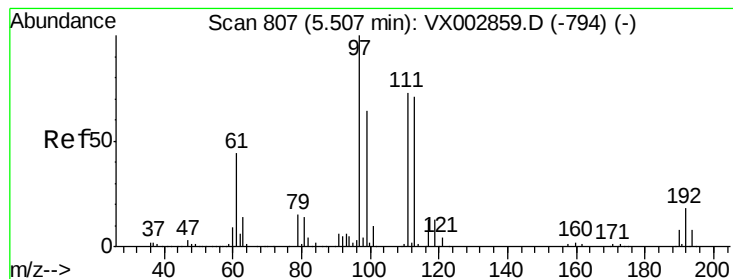
Tot Ion: 65 Resp: 185492
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003115.D
 Acq: 01 Jul 2018 08:39

Tgt Ion: 114 Resp: 392538
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 14.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.15 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003115.D

Acq: 01 Jul 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

MW-24

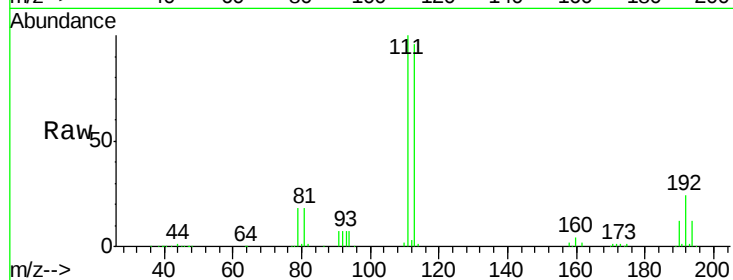
Tot Ion:113 Resp: 155890

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

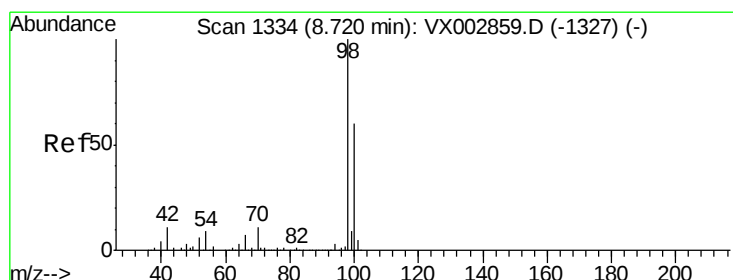
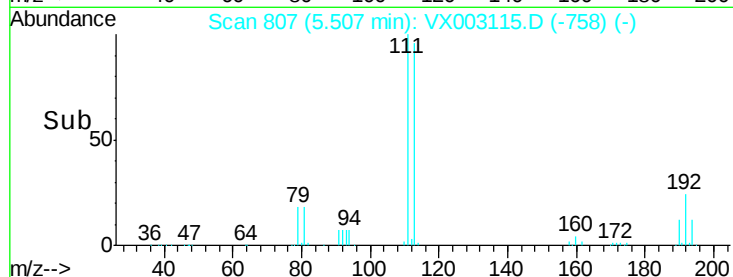
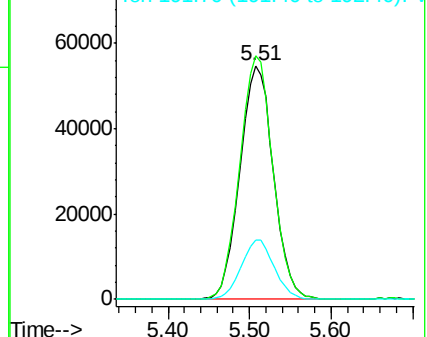
192 25.2 19.1 28.7



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: 48.53 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003115.D

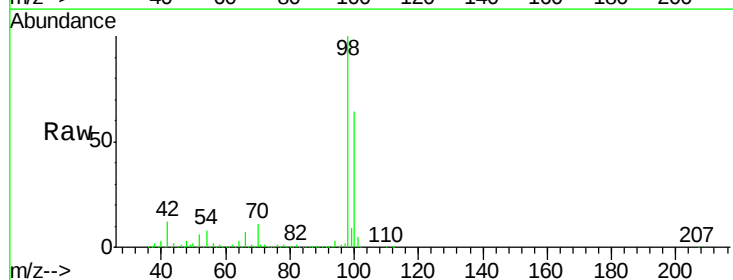
Acq: 01 Jul 2018 08:39

Tgt Ion: 98 Resp: 550856

Ion Ratio Lower Upper

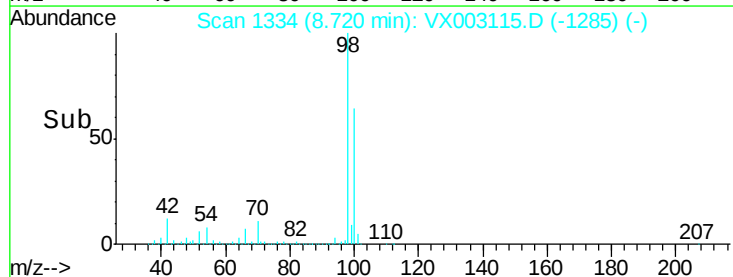
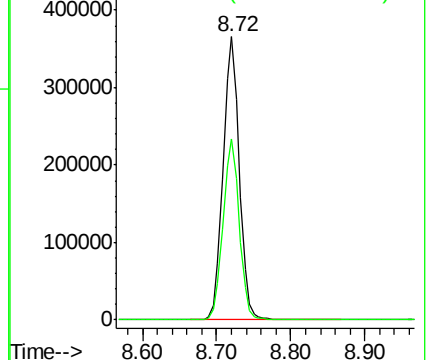
98 100

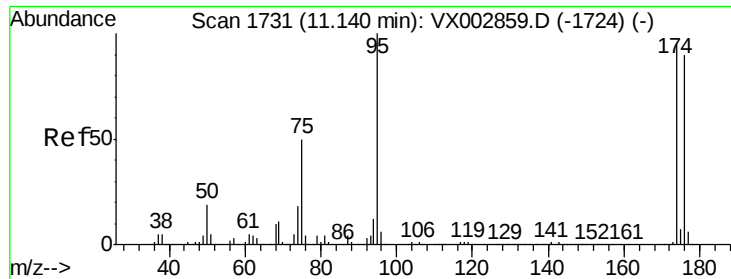
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003115.D

Acq: 01 Jul 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

MW-24

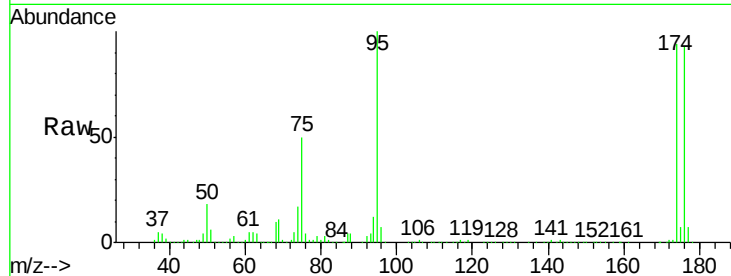
Tot Ion: 95 Resp: 197438

Ion Ratio Lower Upper

95 100

174 97.3 0.0 187.4

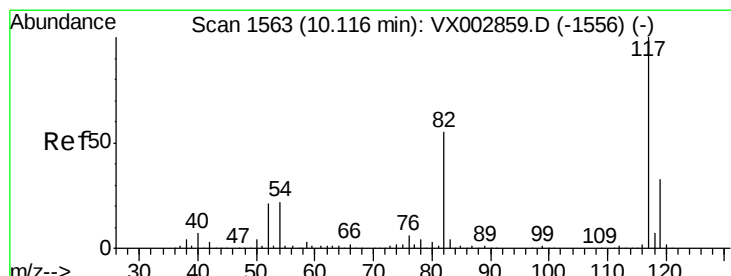
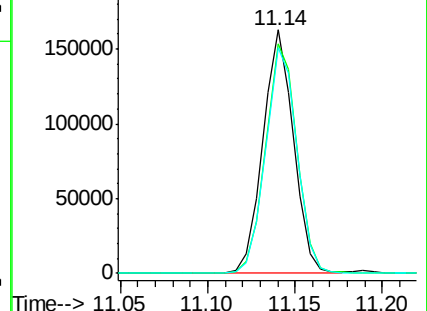
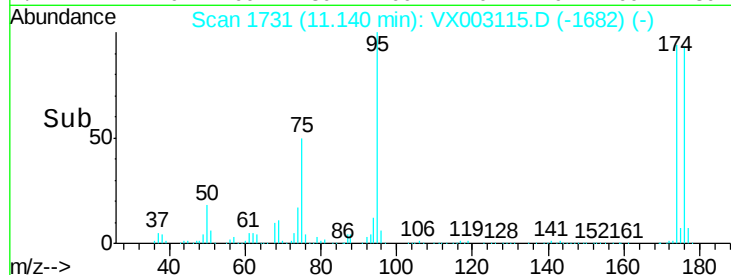
176 95.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003115.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003115.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003115.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003115.D

Acq: 01 Jul 2018 08:39

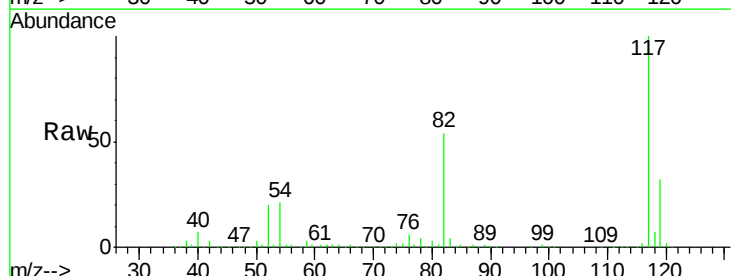
Tgt Ion: 117 Resp: 367260

Ion Ratio Lower Upper

117 100

82 53.6 45.0 67.4

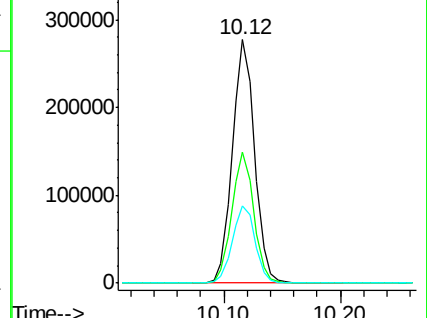
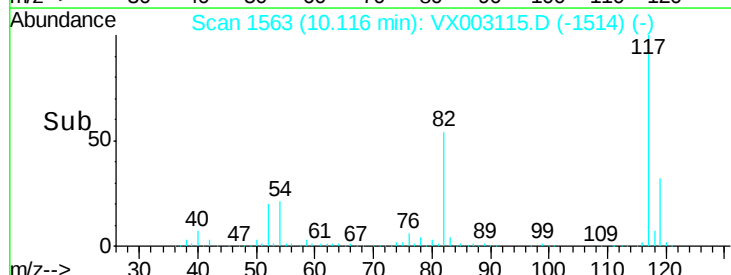
119 31.9 25.8 38.6

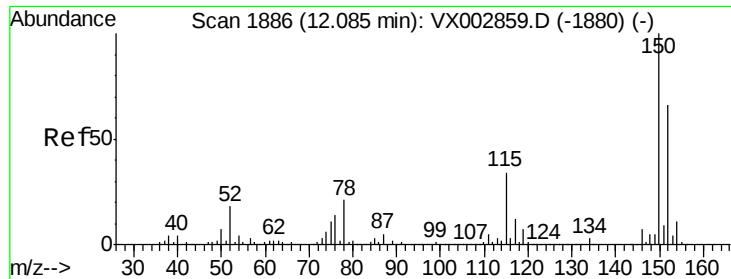


Abundance Ion 116.90 (116.60 to 117.60): VX003115.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003115.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003115.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003115.D

Acq: 01 Jul 2018 08:39

Instrument :

MSVOA_X

ClientSampled :

MW-24

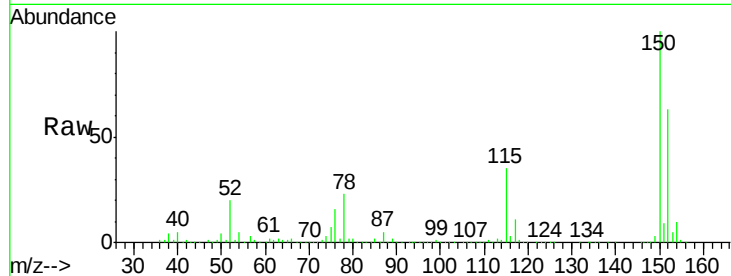
Tot Ion:152 Resp: 216730

Ion Ratio Lower Upper

152 100

115 53.9 40.1 120.2

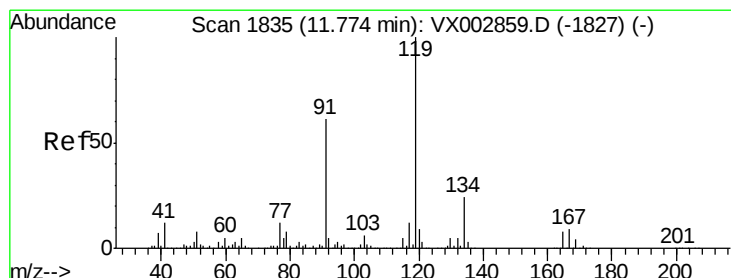
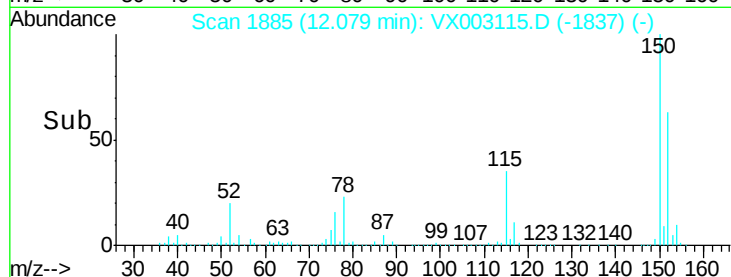
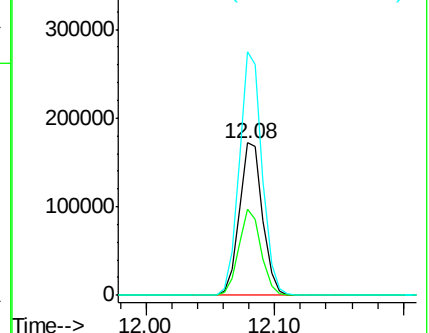
150 156.2 0.0 347.2



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



#83

tert-Butylbenzene

Concen: 1.11 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003115.D

Acq: 01 Jul 2018 08:39

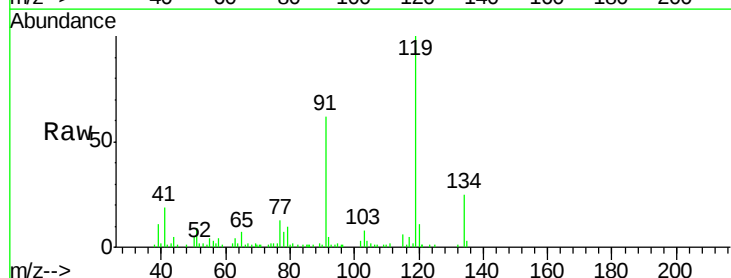
Tgt Ion:119 Resp: 13405

Ion Ratio Lower Upper

119 100

91 69.5 30.3 90.9

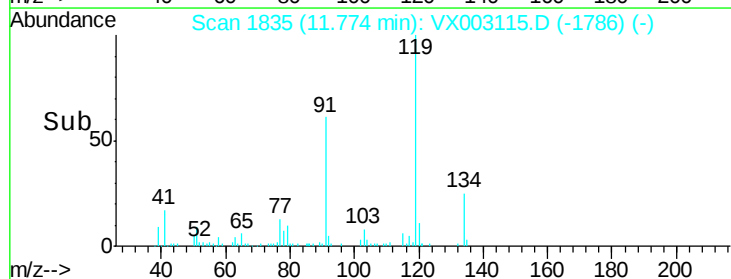
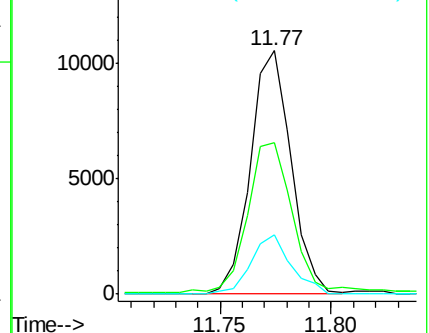
134 24.0 11.7 35.1

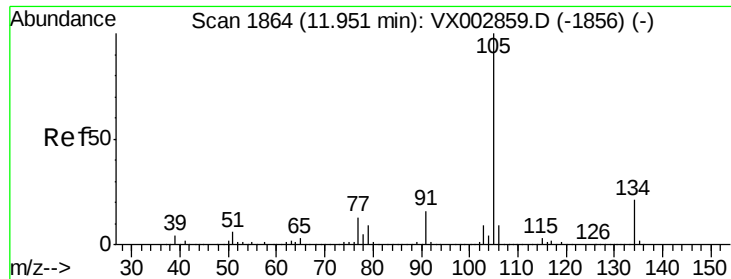


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#85
 sec-Butylbenzene
 Concen: 0.47 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003115.D
 Acq: 01 Jul 2018 08:39

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Tot Ion:105 Resp: 6851
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

