

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
 Data File : VX008891.D
 Acq On : 12 Apr 2019 17:04
 Operator : JC/SP
 Sample : K2366-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ147-20190409

Quant Time: Apr 13 05:50:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

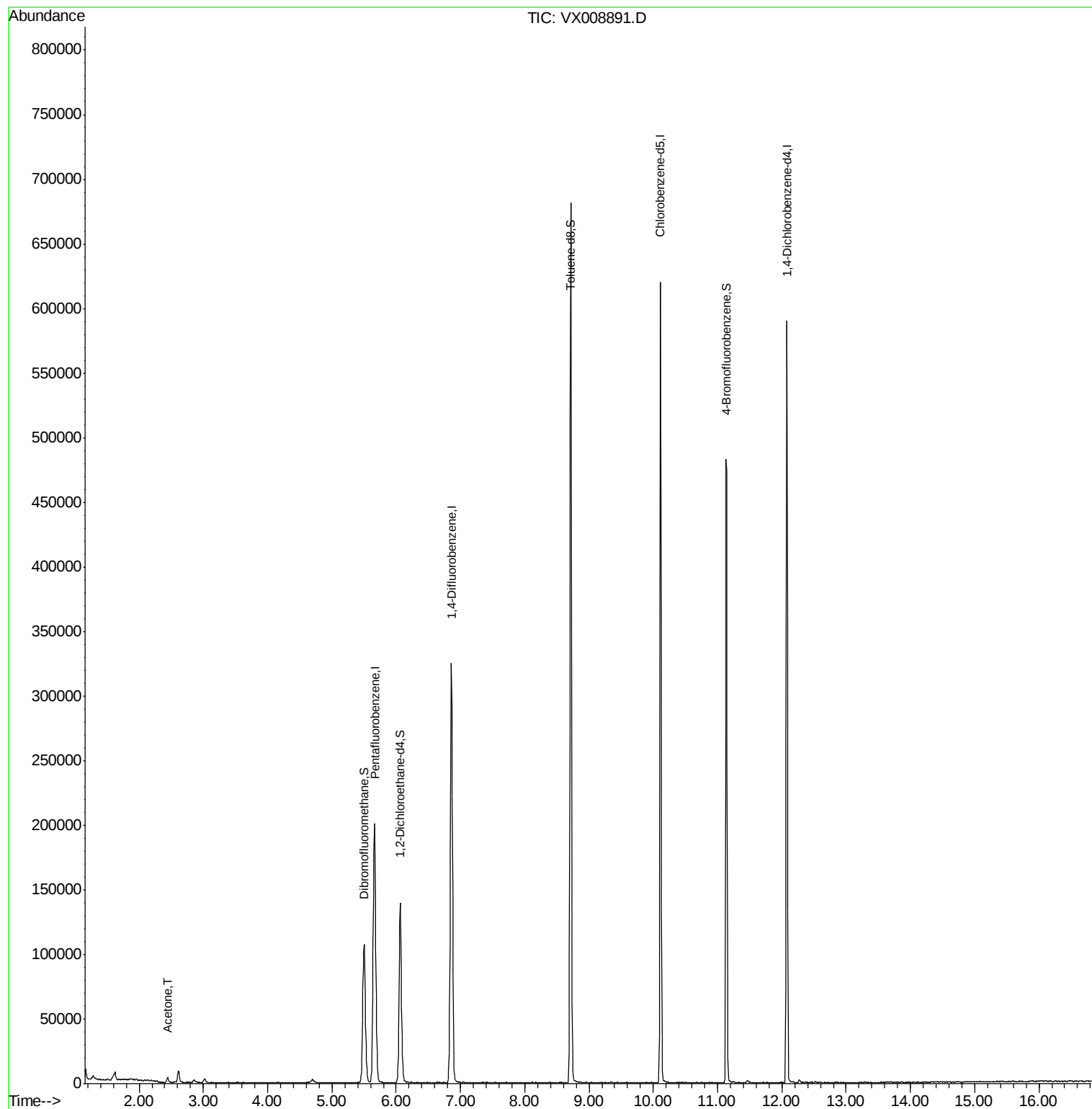
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128167	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
35) Dibromofluoromethane	5.50	113	94278	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
50) Toluene-d8	8.71	98	392102	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.13	95	131113	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
Target Compounds						
16) Acetone	2.45	43	4521	2.791	ug/l	Qvalue 99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008891.D

Acq: 12 Apr 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

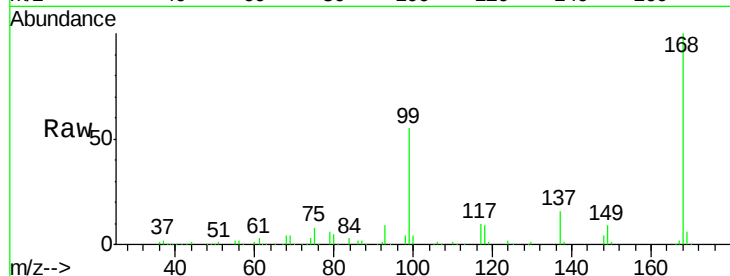
SA-PZ147-20190409

Tgt Ion:168 Resp: 192800

Ion Ratio Lower Upper

168 100

99 55.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

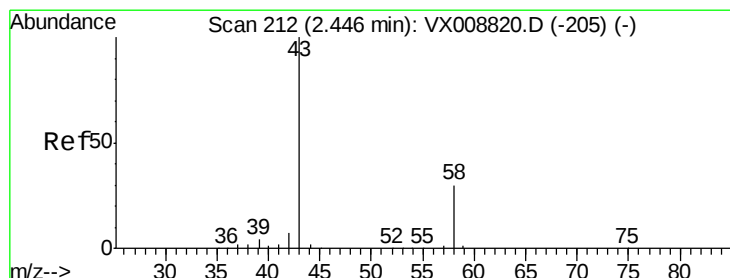
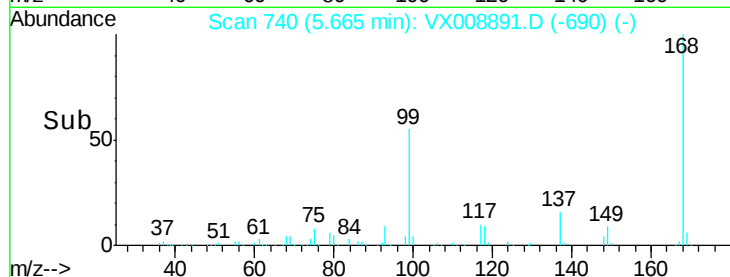
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 2.791 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008891.D

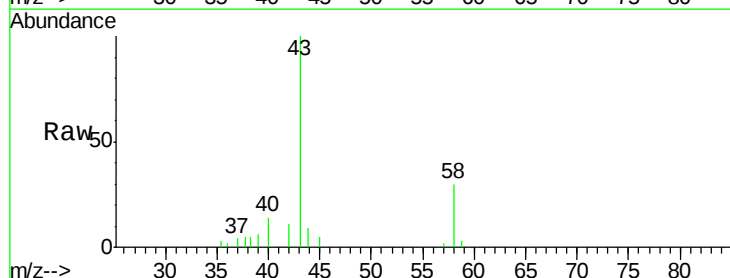
Acq: 12 Apr 2019 17:04

Tgt Ion: 43 Resp: 4521

Ion Ratio Lower Upper

43 100

58 30.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

1500

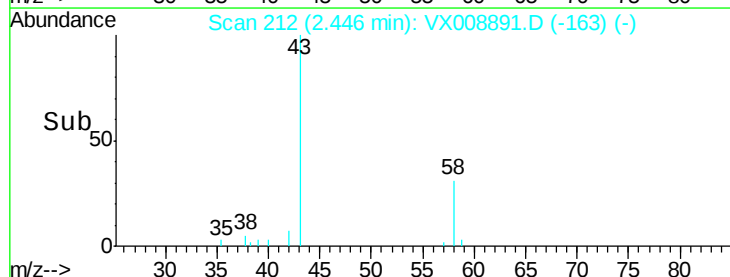
1000

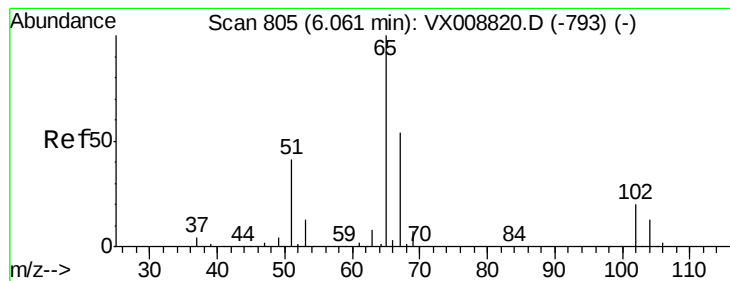
500

0

Time-->

2.40 2.50





#33

1,2-Dichloroethane-d4

Concen: 45.577 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008891.D

Acq: 12 Apr 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

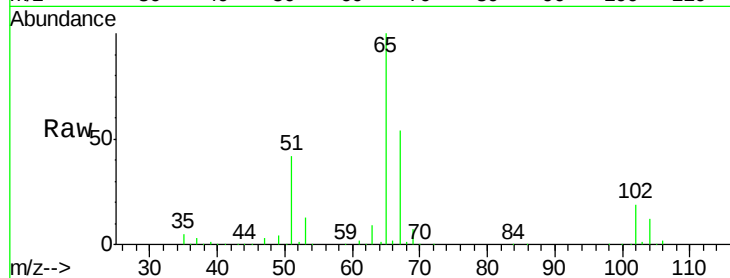
SA-PZ147-20190409

Tgt Ion: 65 Resp: 128167

Ion Ratio Lower Upper

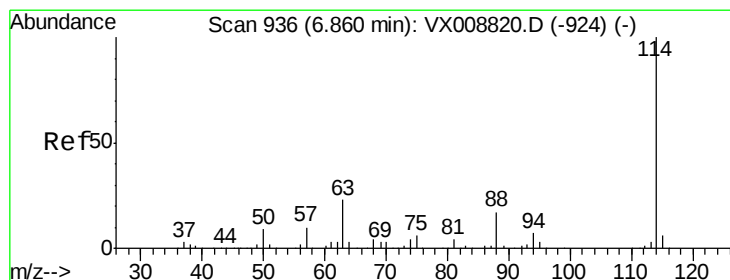
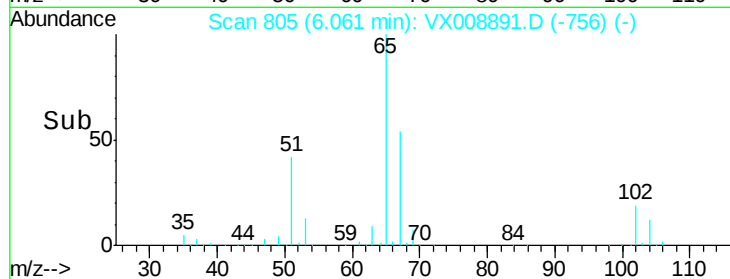
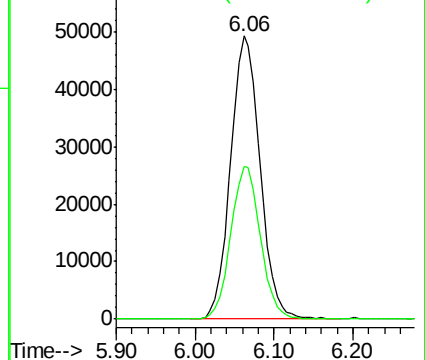
65 100

67 54.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008891.D

Acq: 12 Apr 2019 17:04

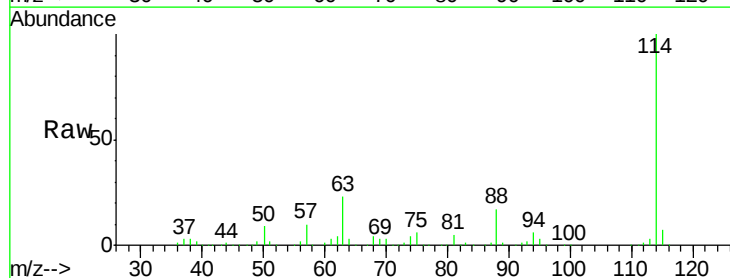
Tgt Ion: 114 Resp: 316350

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.2

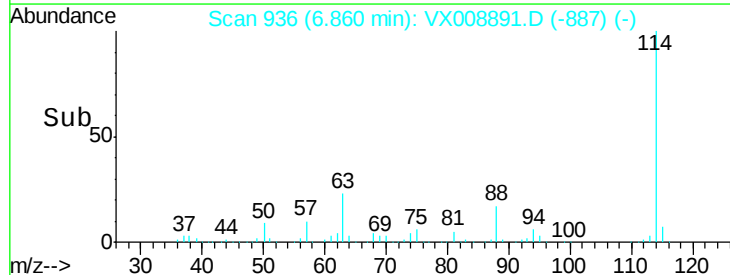
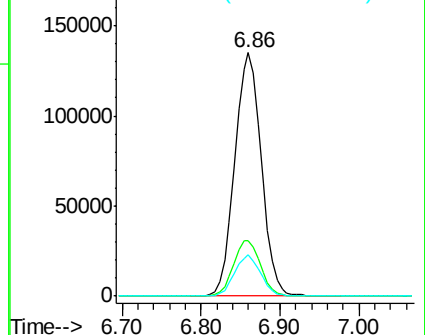
88 16.9 0.0 34.0

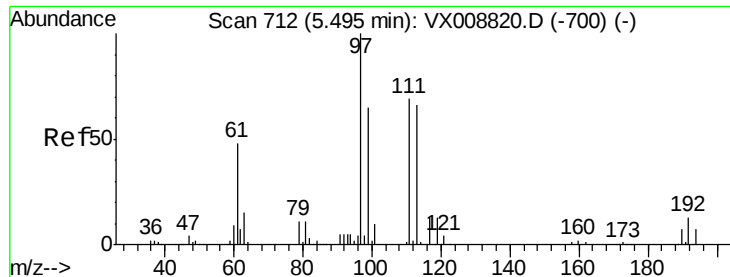


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.612 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008891.D

Acq: 12 Apr 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

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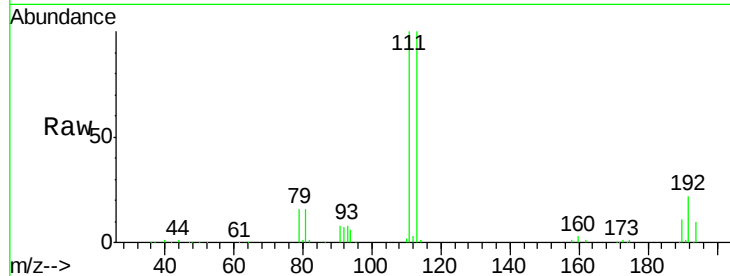
Tgt Ion:113 Resp: 94278

Ion Ratio Lower Upper

113 100

111 101.1 83.4 125.2

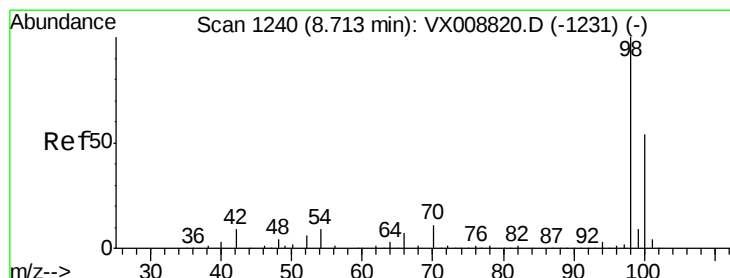
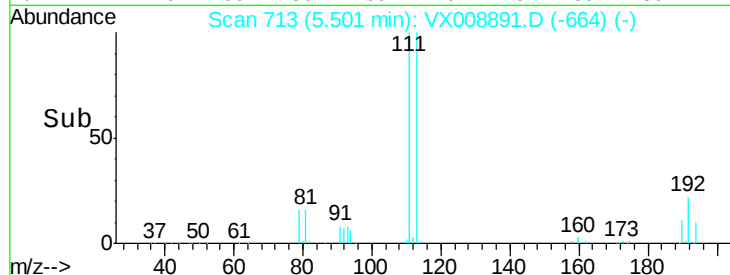
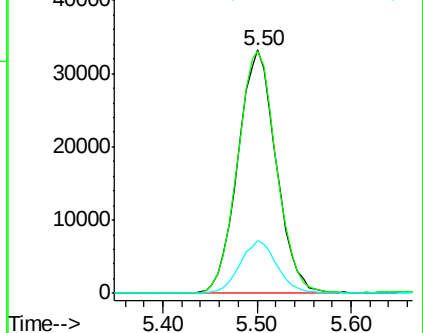
192 21.1 16.1 24.1



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: 48.687 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008891.D

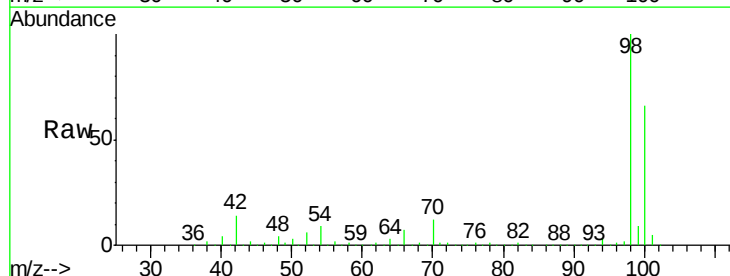
Acq: 12 Apr 2019 17:04

Tgt Ion: 98 Resp: 392102

Ion Ratio Lower Upper

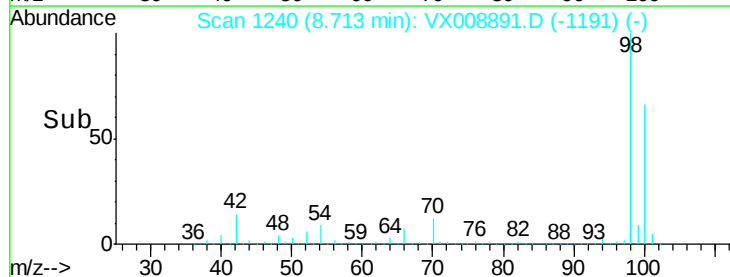
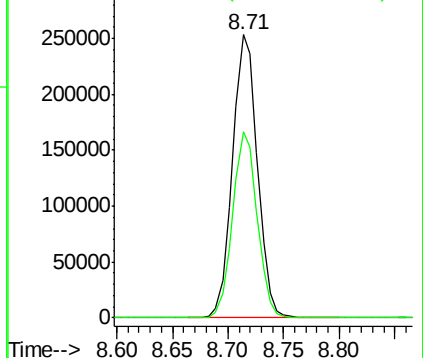
98 100

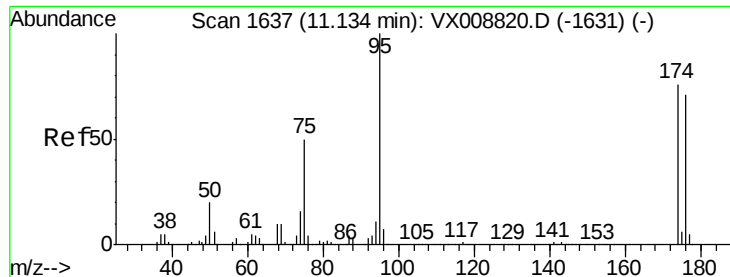
100 64.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.909 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008891.D

Acq: 12 Apr 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ147-20190409

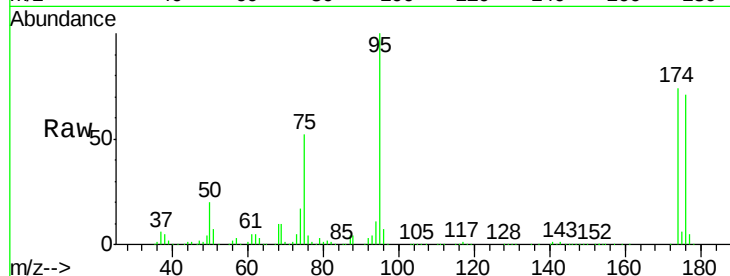
Tgt Ion: 95 Resp: 131113

Ion Ratio Lower Upper

95 100

174 78.8 0.0 151.8

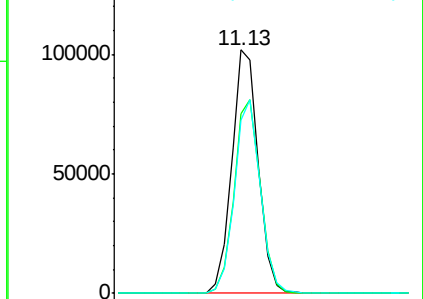
176 77.1 0.0 145.8



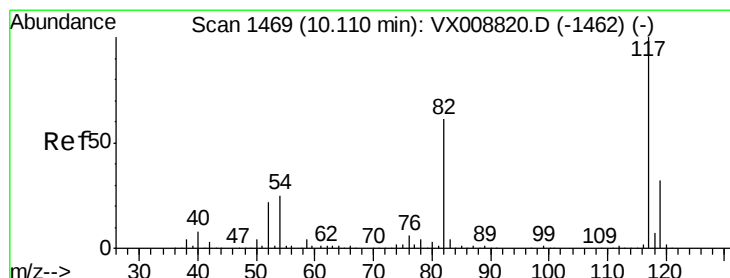
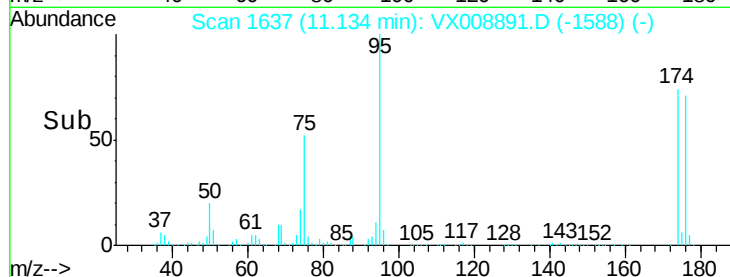
Abundance Ion 94.90 (94.60 to 95.60): VX008891.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008891.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008891.D (-1588) (-)



Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008891.D

Acq: 12 Apr 2019 17:04

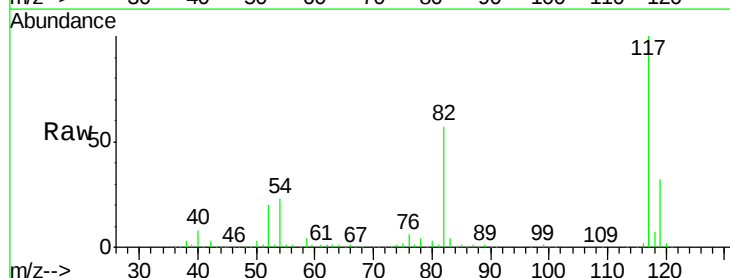
Tgt Ion: 117 Resp: 273600

Ion Ratio Lower Upper

117 100

82 57.4 49.6 74.4

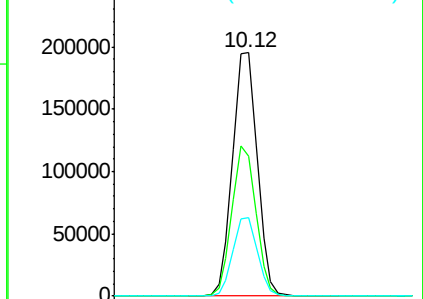
119 32.2 25.0 37.4



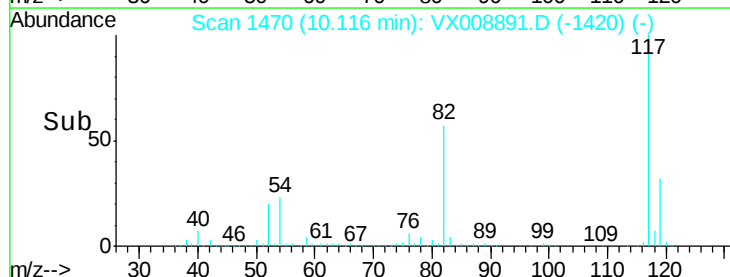
Abundance Ion 116.90 (116.60 to 117.60): VX008891.D (-1420) (-)

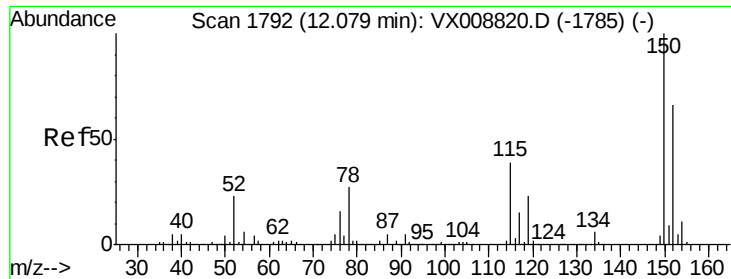
Ion 82.00 (81.70 to 82.70): VX008891.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008891.D (-1420) (-)



Time--> 10.10 10.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008891.D

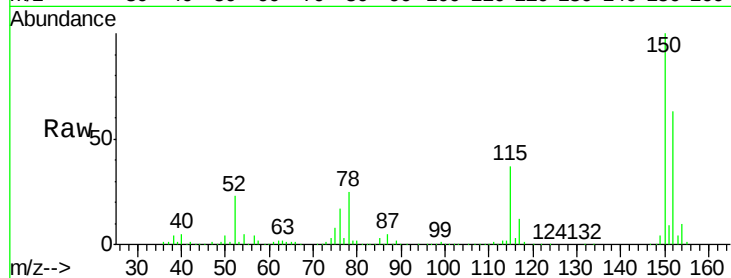
Acq: 12 Apr 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ147-20190409



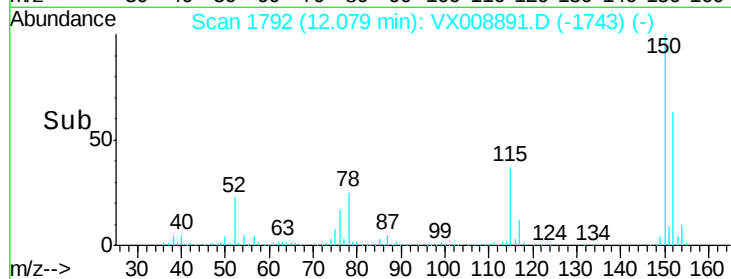
Tgt Ion:152 Resp: 116661

Ion Ratio Lower Upper

152 100

115 59.3 43.5 130.5

150 158.0 0.0 348.8



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

