

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020119\
 Data File : VX007331.D
 Acq On : 01 Feb 2019 12:14
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 02 01:58:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 00:12:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	501271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	732793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	646740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	315889	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	255214	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	
35) Dibromofluoromethane	5.50	113	221527	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
50) Toluene-d8	8.71	98	835002	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
62) 4-Bromofluorobenzene	11.13	95	287720	44.55	ug/l	0.00
Spiked Amount			Recovery	=	89.10%	

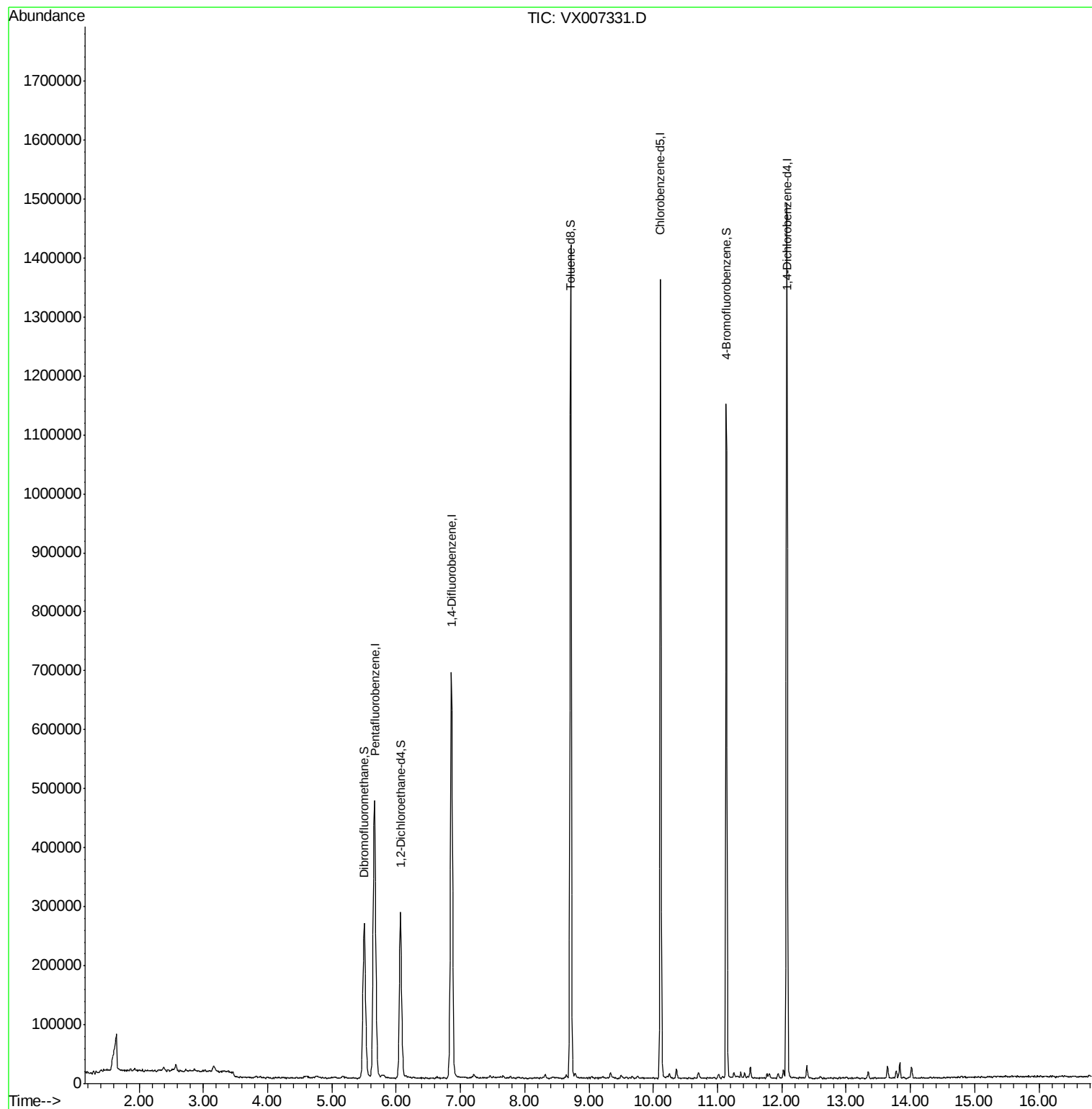
Target Compounds	Qvalue
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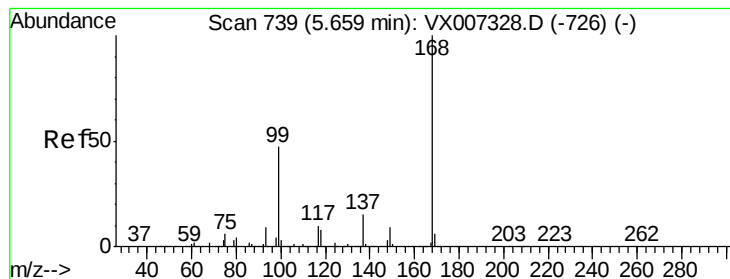
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 00:12:21 2019
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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: VX007331.D

Acq: 01 Feb 2019 12:14

Instrument :

MSVOA_X

ClientSampled :

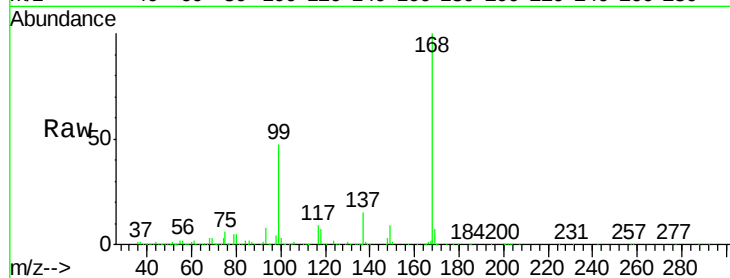
IBLK

Tot Ion:168 Resp: 501271

Ion Ratio Lower Upper

168 100

99 46.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

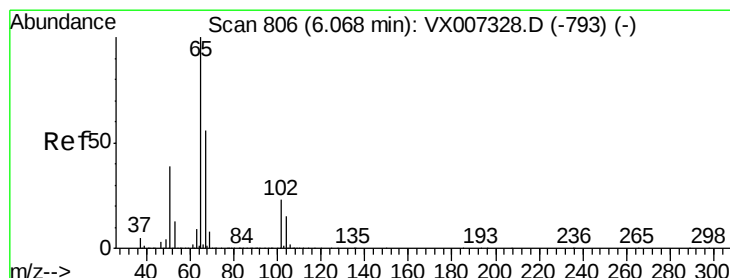
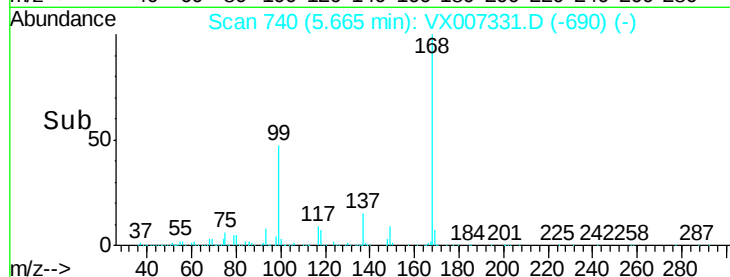
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.967 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007331.D

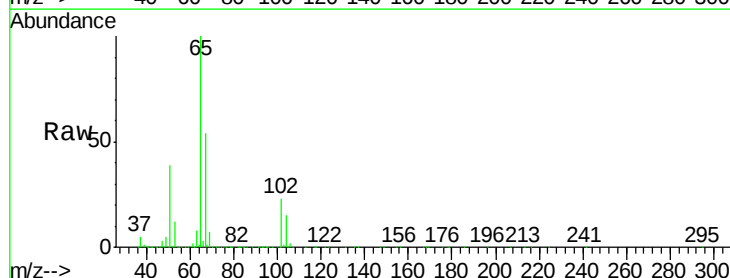
Acq: 01 Feb 2019 12:14

Tgt Ion: 65 Resp: 255214

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

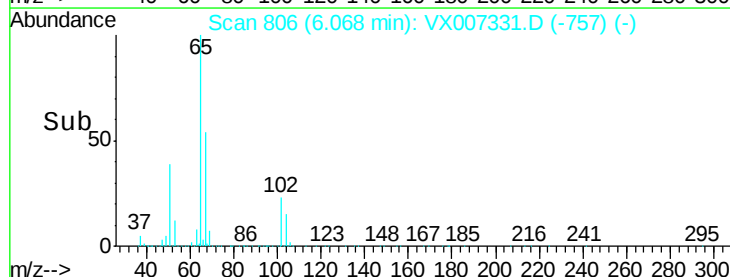
60000

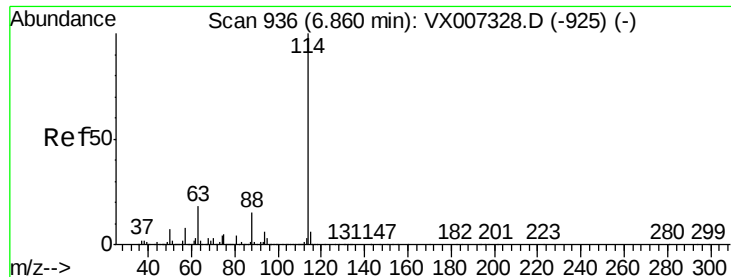
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007331.D

Acq: 01 Feb 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

IBLK

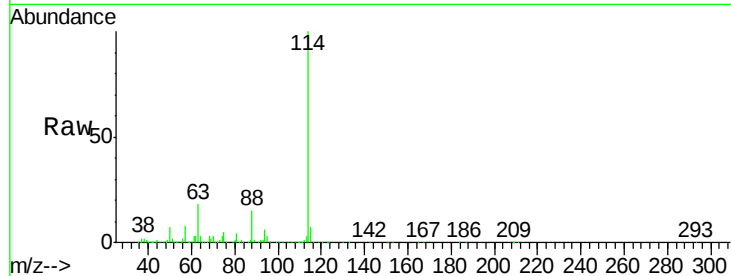
Tot Ion:114 Resp: 732793

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.6

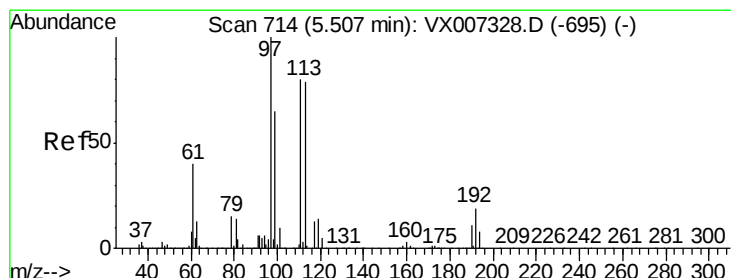
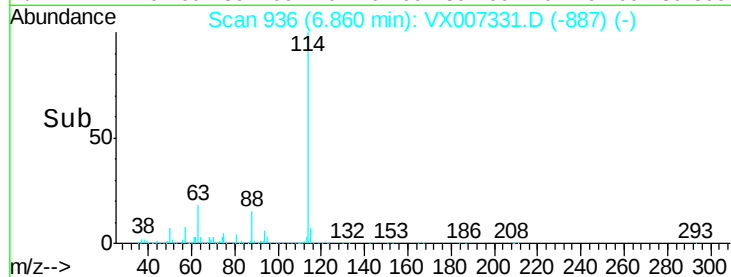
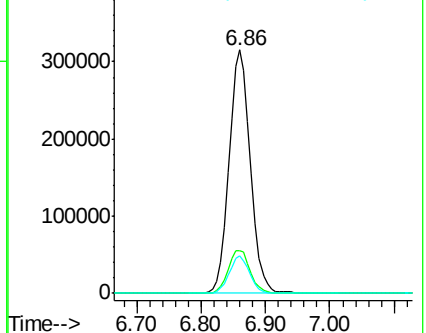
88 15.3 0.0 29.6



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: 46.461 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007331.D

Acq: 01 Feb 2019 12:14

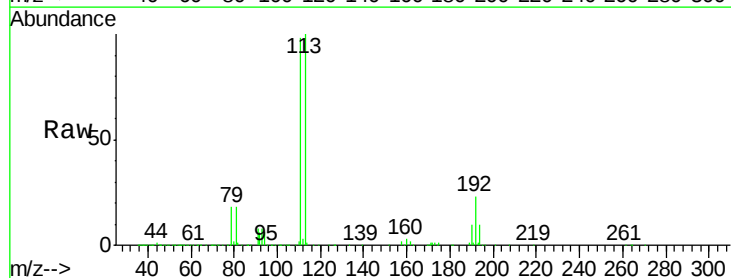
Tgt Ion:113 Resp: 221527

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

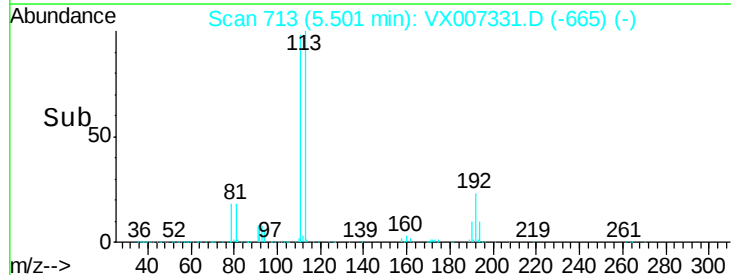
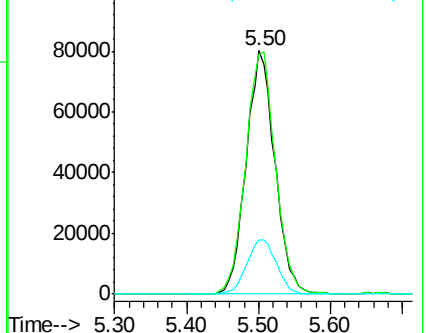
192 23.3 18.5 27.7

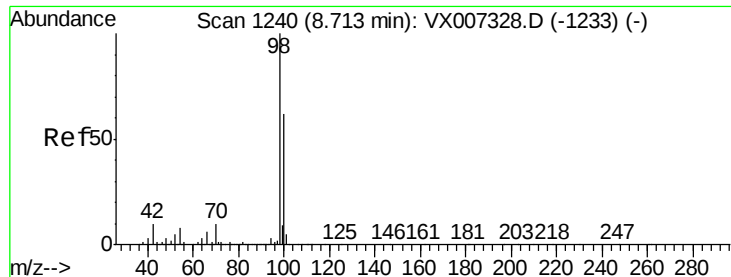


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.201 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007331.D

Acq: 01 Feb 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

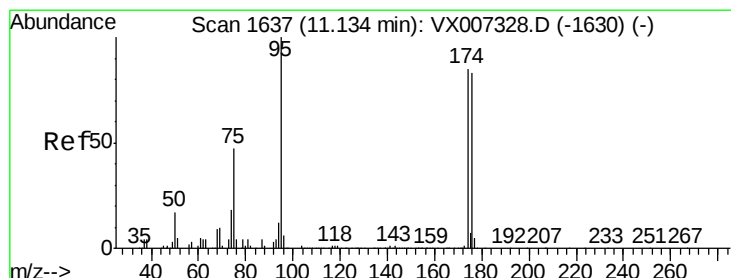
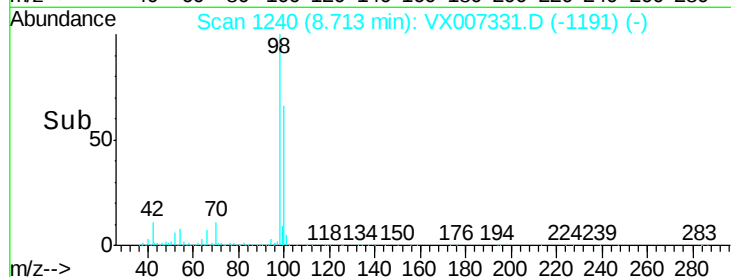
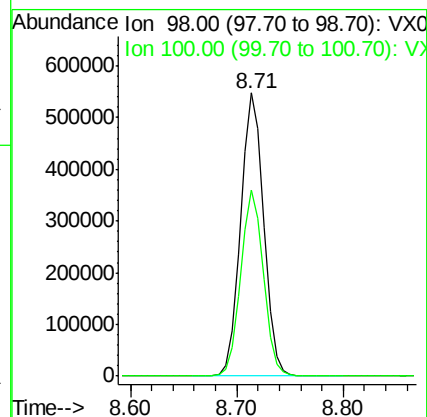
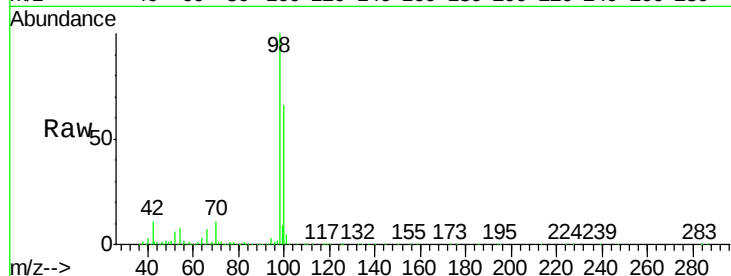
IBLK

Tot Ion: 98 Resp: 835002

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 44.548 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007331.D

Acq: 01 Feb 2019 12:14

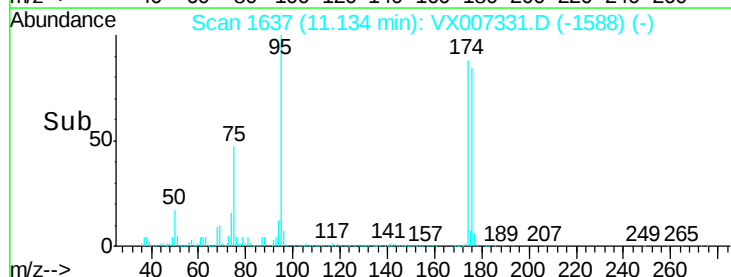
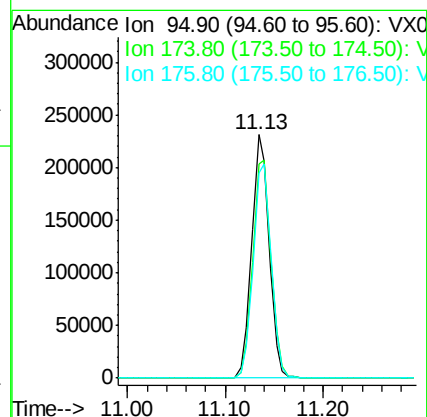
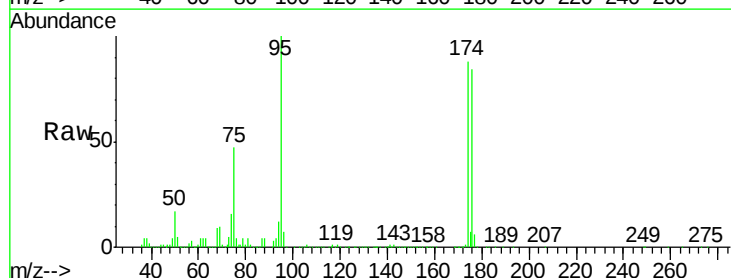
Tgt Ion: 95 Resp: 287720

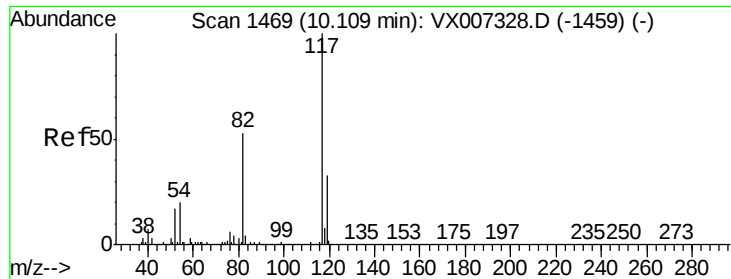
Ion Ratio Lower Upper

95 100

174 94.0 0.0 189.2

176 91.0 0.0 186.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007331.D

Acq: 01 Feb 2019 12:14

Instrument :

MSVOA_X

ClientSampled :

IBLK

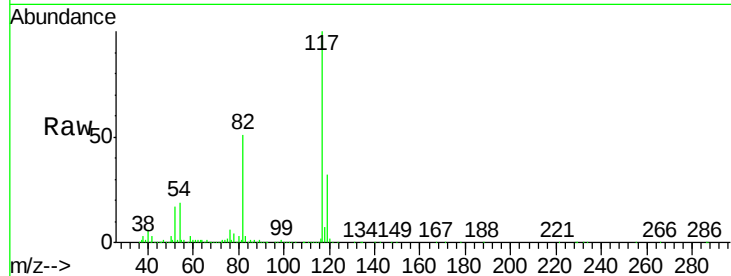
Tot Ion:117 Resp: 646740

Ion Ratio Lower Upper

117 100

82 51.2 42.1 63.1

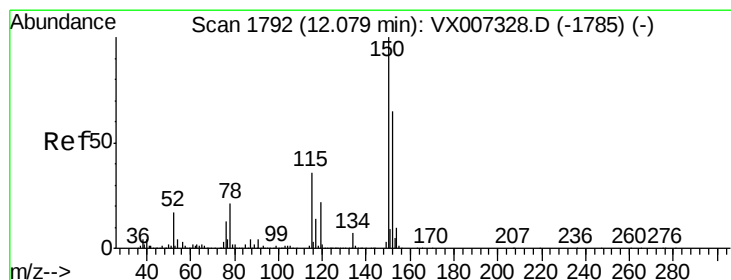
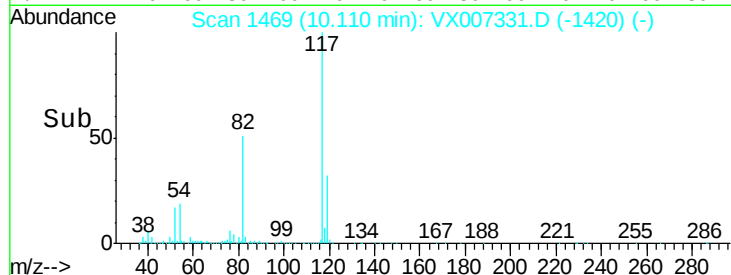
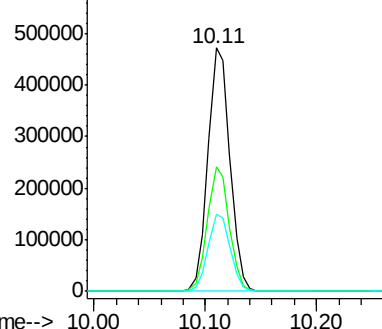
119 31.6 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007331.D

Acq: 01 Feb 2019 12:14

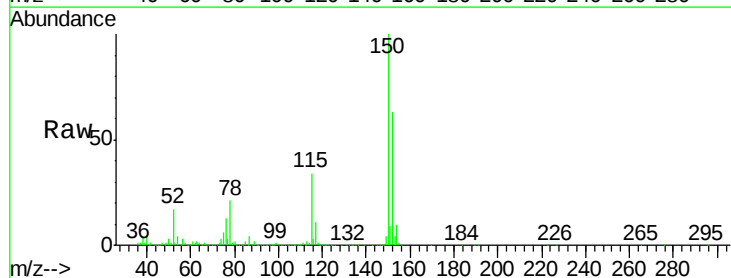
Tgt Ion:152 Resp: 315889

Ion Ratio Lower Upper

152 100

115 54.8 38.0 114.0

150 158.0 0.0 346.4



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

