

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010219\
 Data File : VX006880.D
 Acq On : 02 Jan 2019 14:45
 Operator : JC/MD
 Sample : K1018-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TEST-PIT-13

Quant Time: Jan 03 09:23:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	724324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1060501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	973453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	481332	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	351280	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	
35) Dibromofluoromethane	5.50	113	318407	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
50) Toluene-d8	8.71	98	125541	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	447528	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

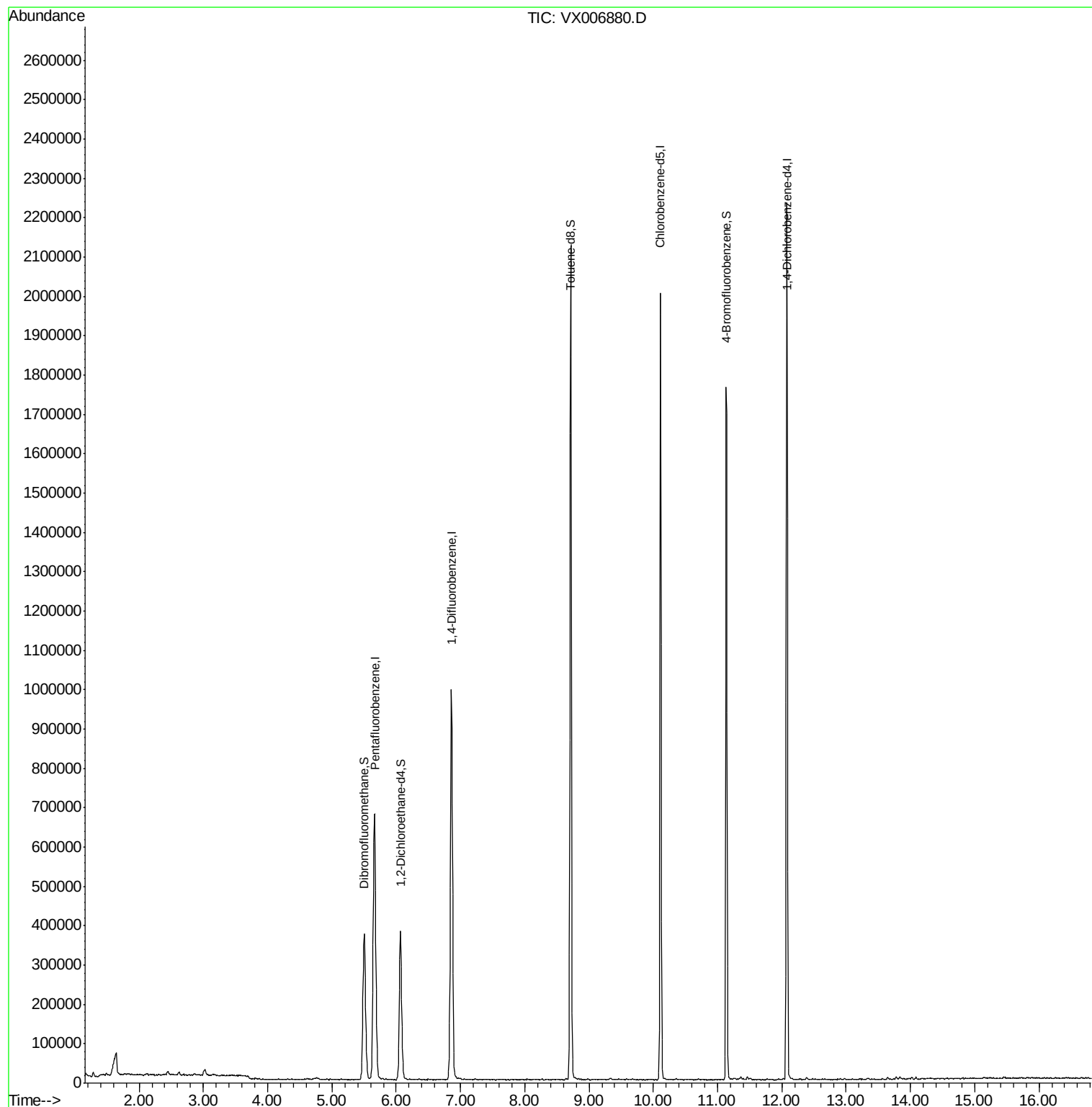
Target Compounds	Qvalue
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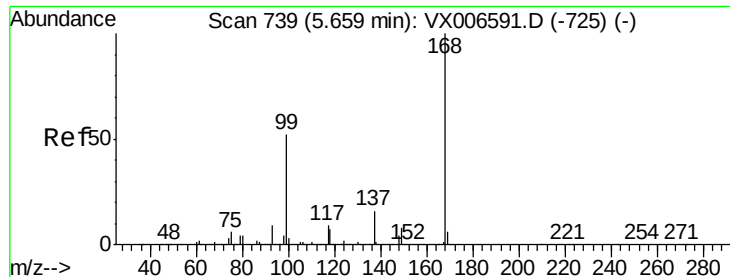
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006880.D

Acq: 02 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

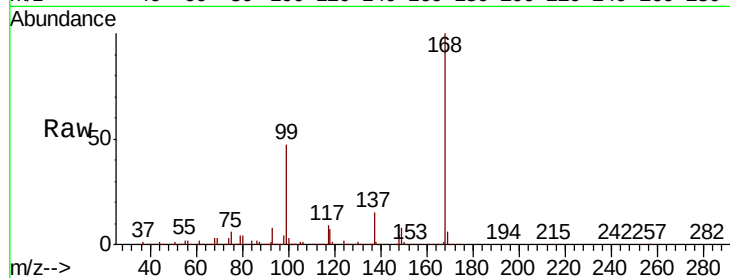
TEST-PIT-13

Tot Ion:168 Resp: 724324

Ion Ratio Lower Upper

168 100

99 47.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

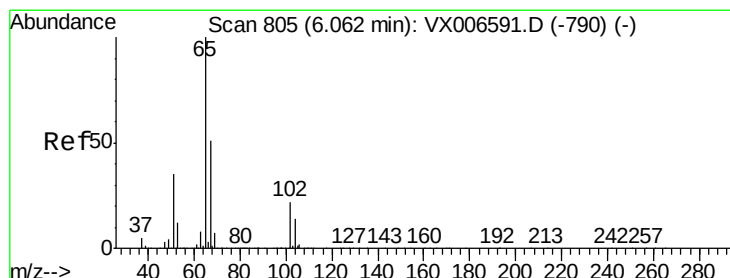
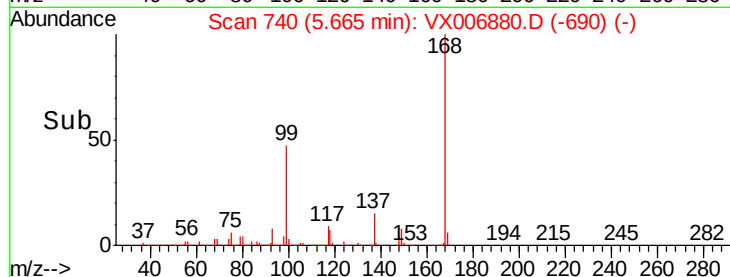
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 44.999 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006880.D

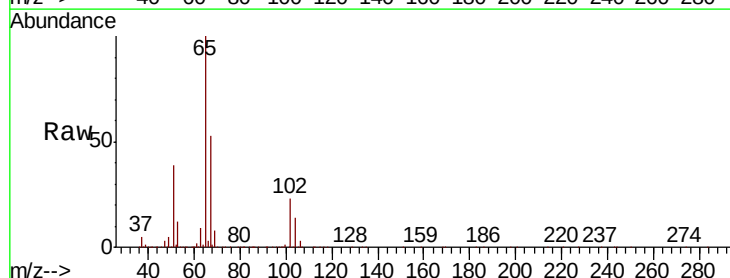
Acq: 02 Jan 2019 14:45

Tgt Ion: 65 Resp: 351280

Ion Ratio Lower Upper

65 100

67 54.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

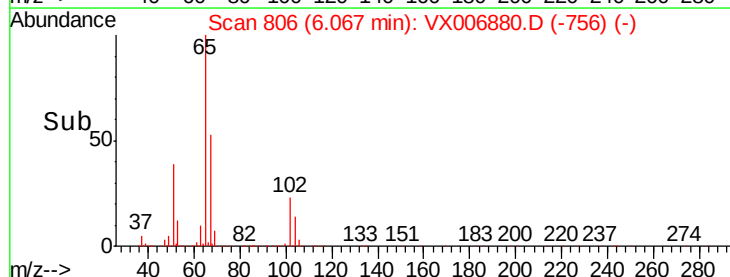
150000

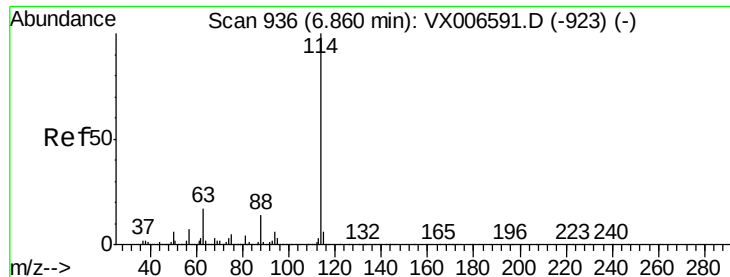
100000

50000

0

Time--> 5.90 6.00 6.10 6.20

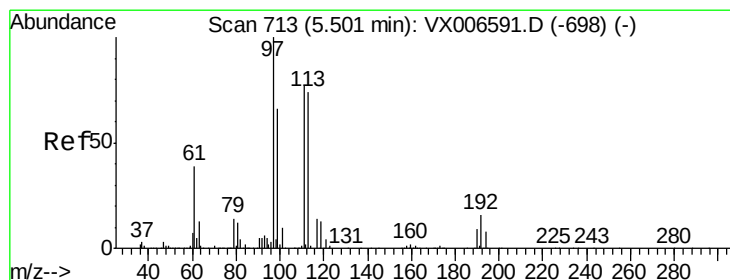
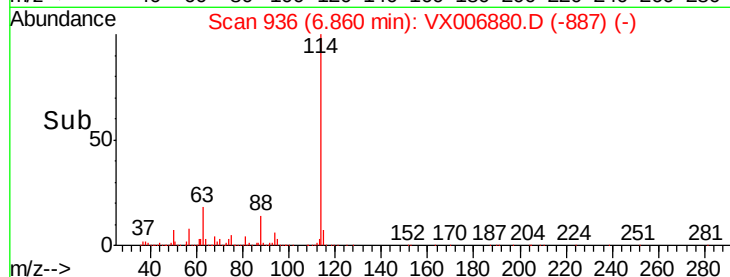
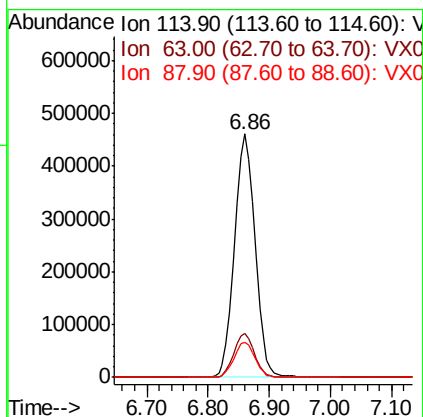
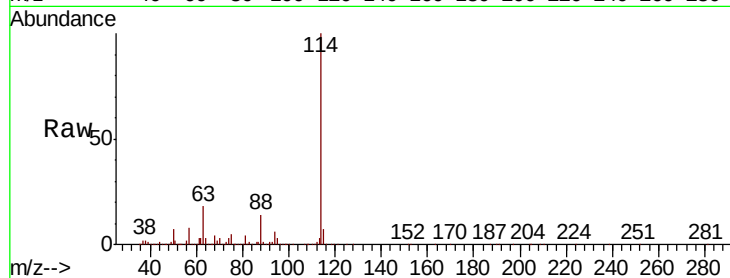




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006880.D
 Acq: 02 Jan 2019 14:45

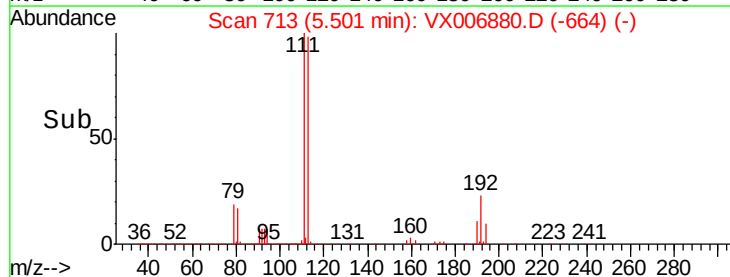
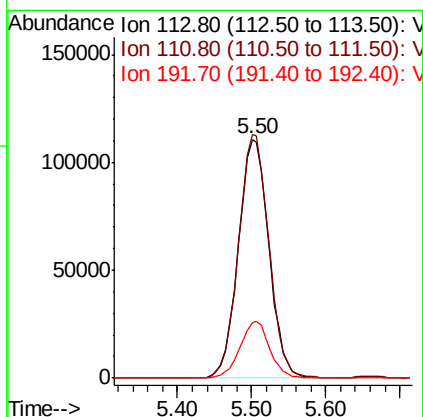
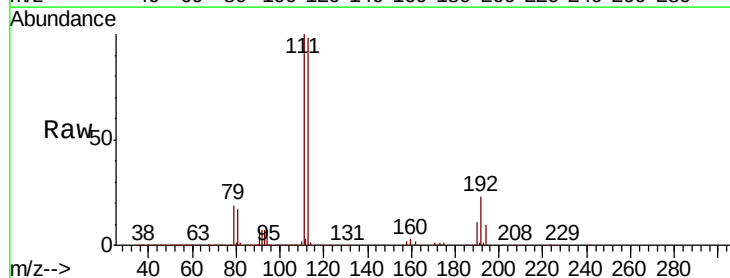
Instrument :
 MSVOA_X
 ClientSampleId :
 TEST-PIT-13

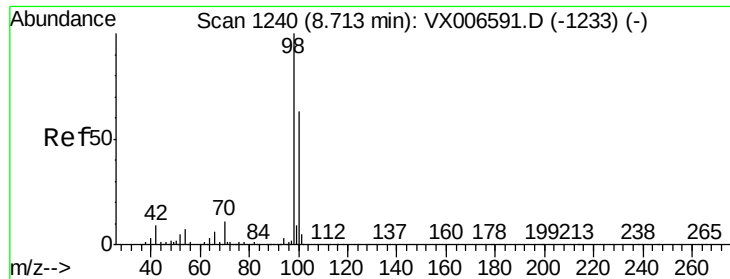
Tot Ion:114 Resp: 1060501
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.8
 88 14.3 0.0 28.8



#35
 Dibromofluoromethane
 Concen: 47.478 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX006880.D
 Acq: 02 Jan 2019 14:45

Tgt Ion:113 Resp: 318407
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.6 122.4
 192 23.1 16.7 25.1





#50

Toluene-d8

Concen: 49.659 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006880.D

Acq: 02 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

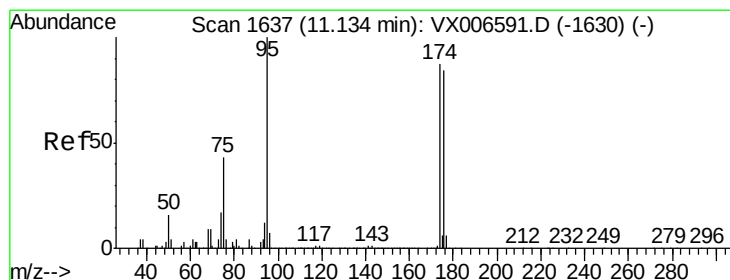
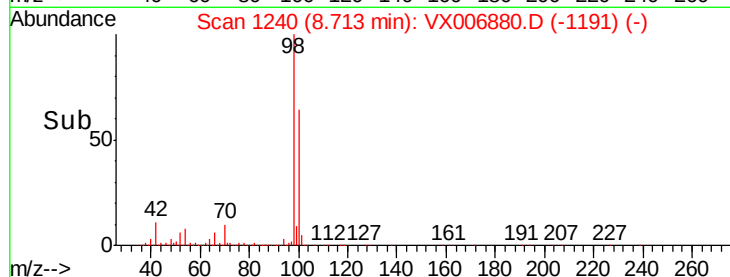
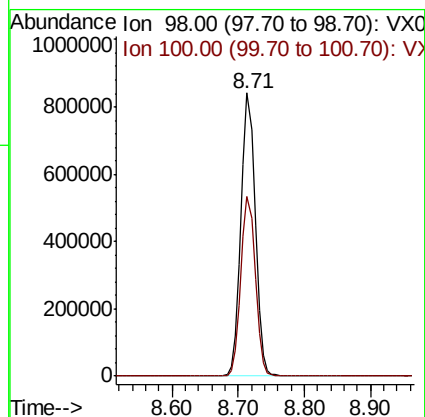
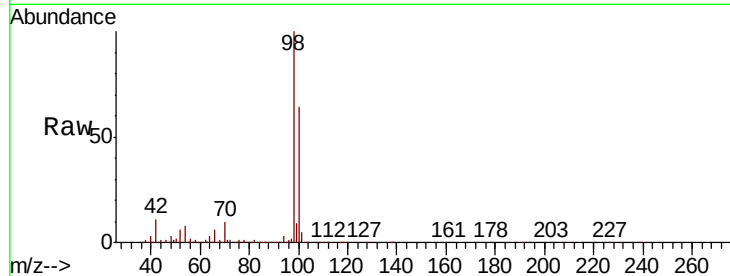
TEST-PIT-13

Tot Ion: 98 Resp: 1255541

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.330 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006880.D

Acq: 02 Jan 2019 14:45

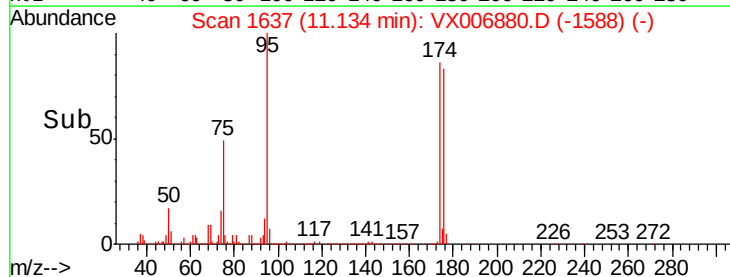
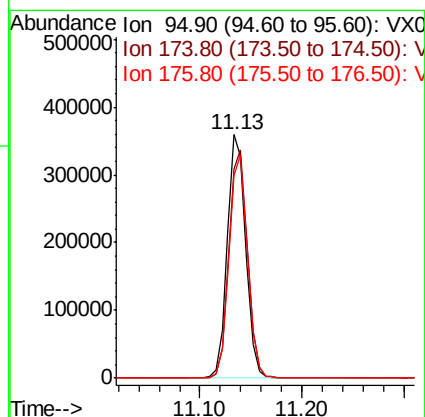
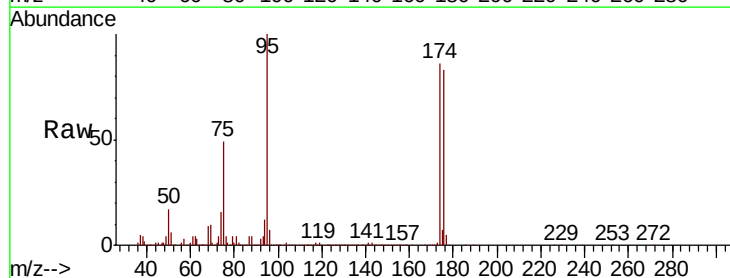
Tgt Ion: 95 Resp: 447528

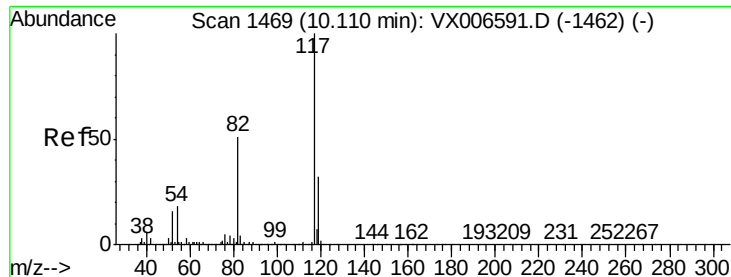
Ion Ratio Lower Upper

95 100

174 94.3 0.0 182.2

176 91.7 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006880.D

Acq: 02 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

TEST-PIT-13

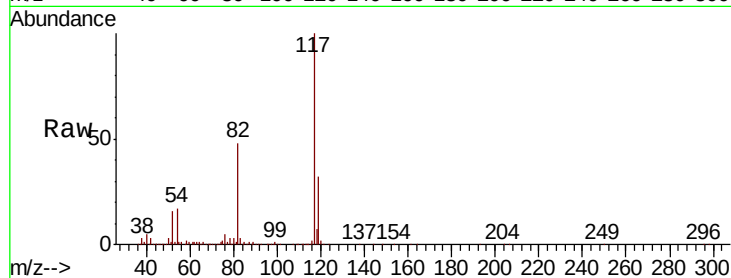
Tot Ion:117 Resp: 973453

Ion Ratio Lower Upper

117 100

82 48.4 41.0 61.6

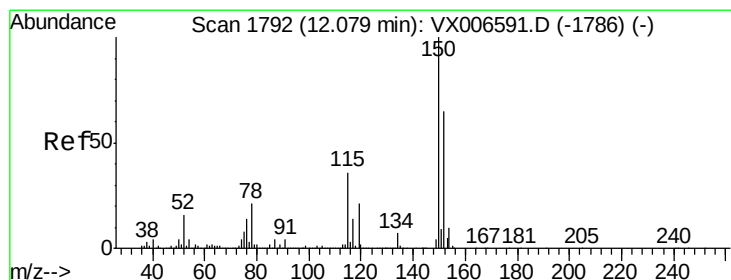
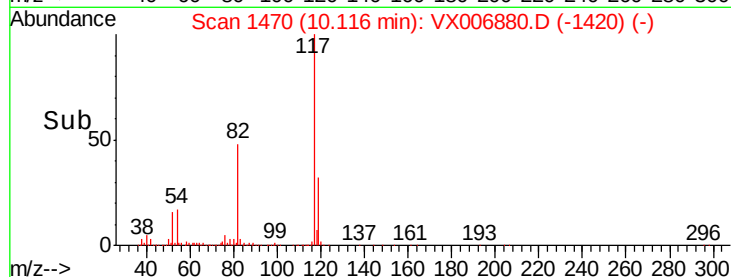
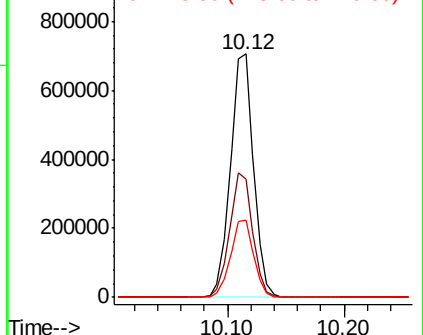
119 31.9 25.4 38.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006880.D

Acq: 02 Jan 2019 14:45

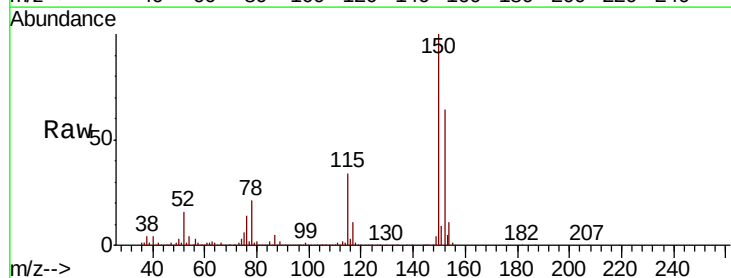
Tgt Ion:152 Resp: 481332

Ion Ratio Lower Upper

152 100

115 55.0 39.1 117.2

150 156.4 0.0 344.8



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

