

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010281.D
 Acq On : 13 Jun 2019 18:32
 Operator : JC/SP
 Sample : K3309-17DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0527-190611DL

Quant Time: Jun 14 04:17:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	342121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	515734	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	457001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211334	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	152027	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
35) Dibromofluoromethane	5.50	113	155243	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	8.71	98	604297	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.13	95	203648	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	

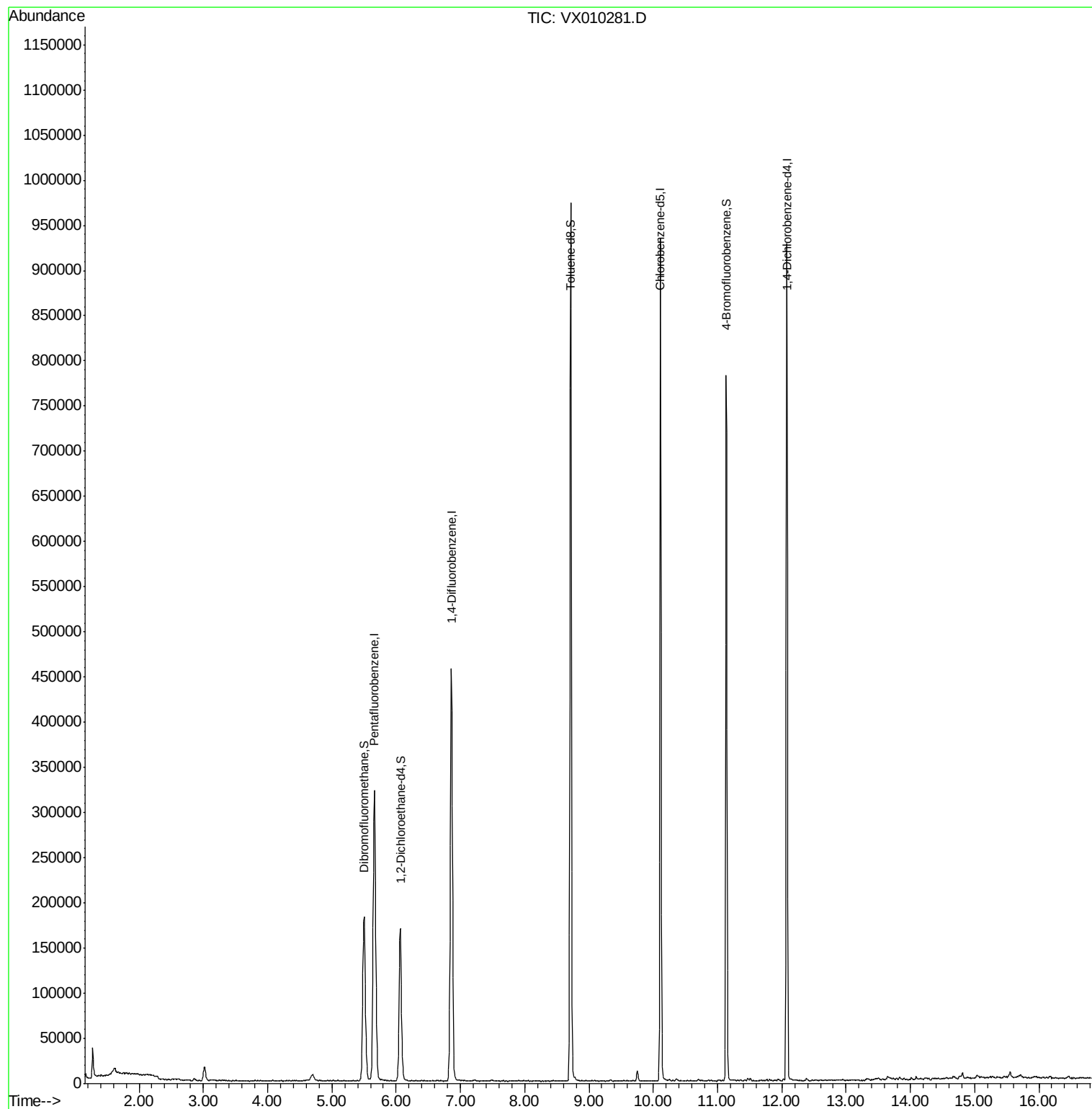
Target Compounds	Qvalue
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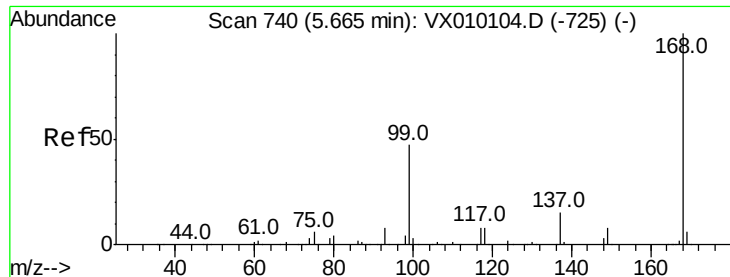
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 08 02:12:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010281.D

Acq: 13 Jun 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

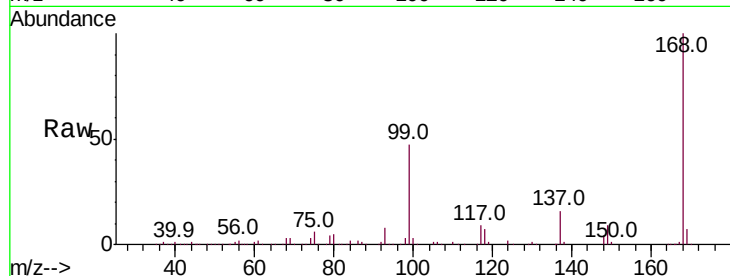
DUP-0527-190611DL

Tot Ion:168 Resp: 342121

Ion Ratio Lower Upper

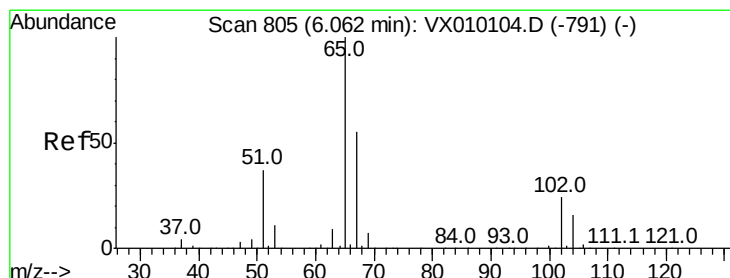
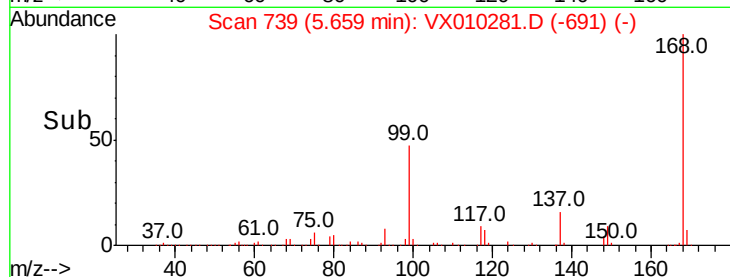
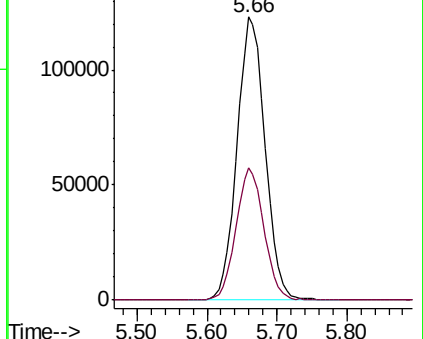
168 100

99 46.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.524 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010281.D

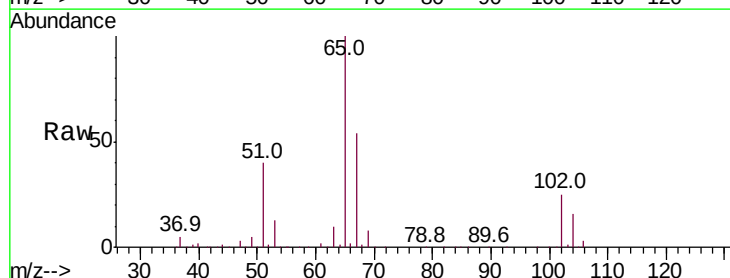
Acq: 13 Jun 2019 18:32

Tgt Ion: 65 Resp: 152027

Ion Ratio Lower Upper

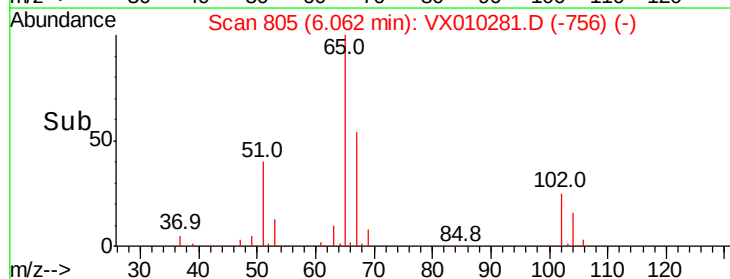
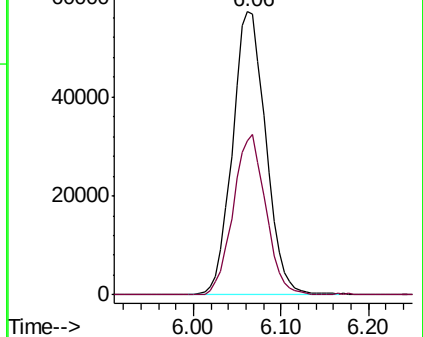
65 100

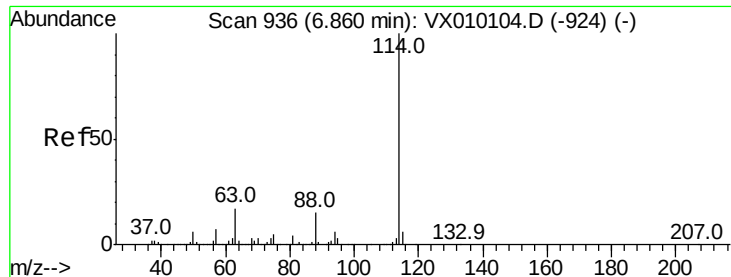
67 55.2 0.0 108.4



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: VX010281.D

Acq: 13 Jun 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

DUP-0527-190611DL

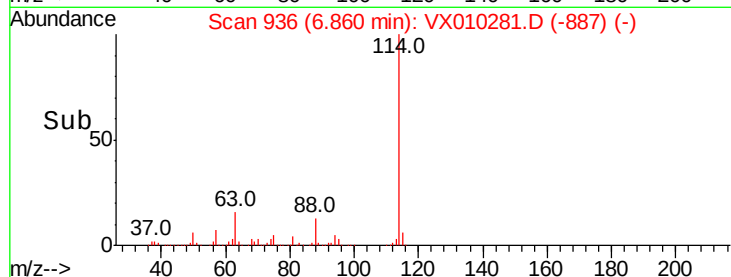
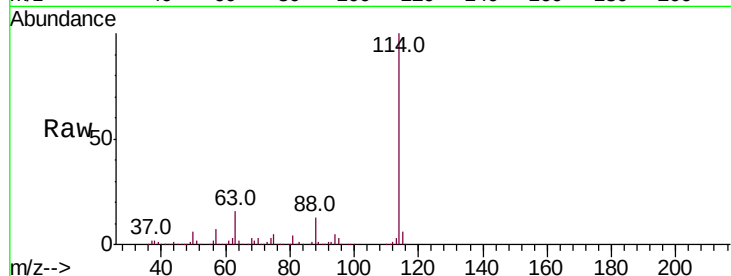
Tot Ion:114 Resp: 515734

Ion Ratio Lower Upper

114 100

63 16.3 0.0 47.4

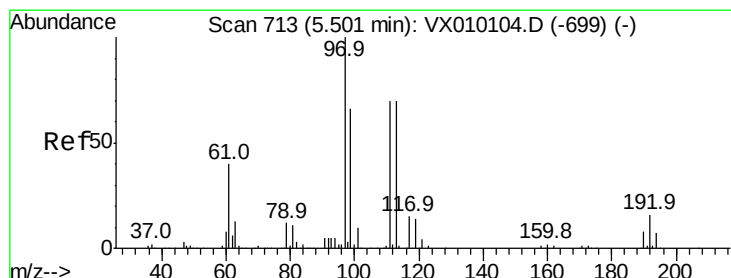
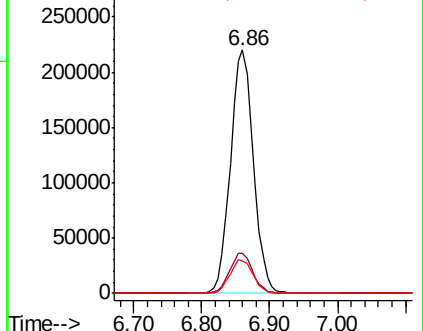
88 13.4 0.0 33.0



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: 48.801 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010281.D

Acq: 13 Jun 2019 18:32

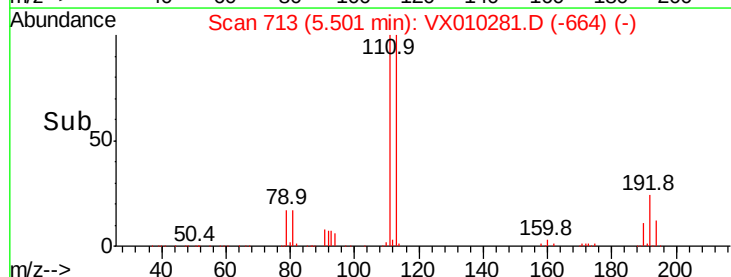
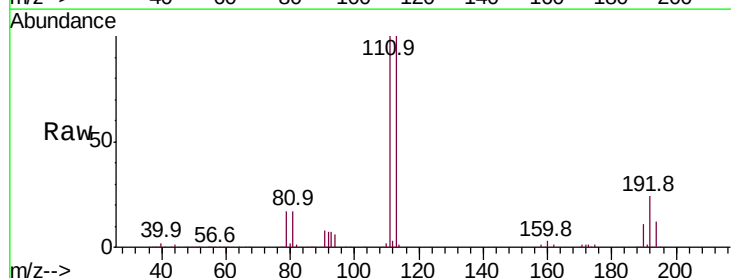
Tgt Ion:113 Resp: 155243

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

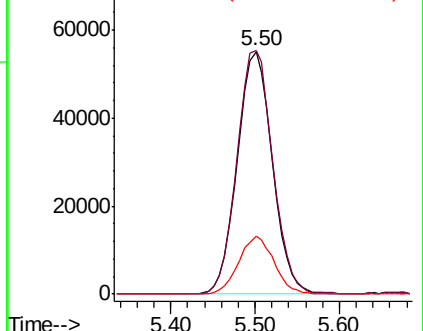
192 23.8 17.1 25.7

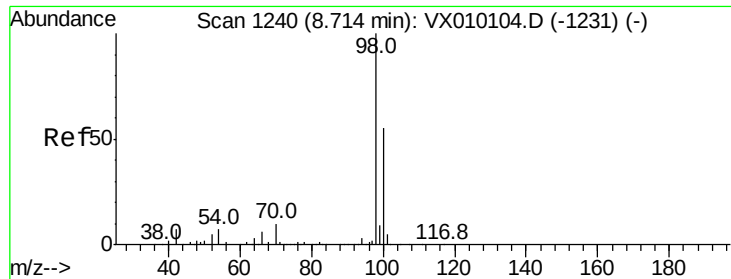


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.685 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010281.D

Acq: 13 Jun 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

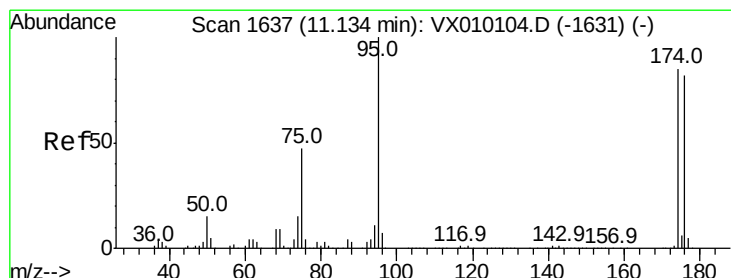
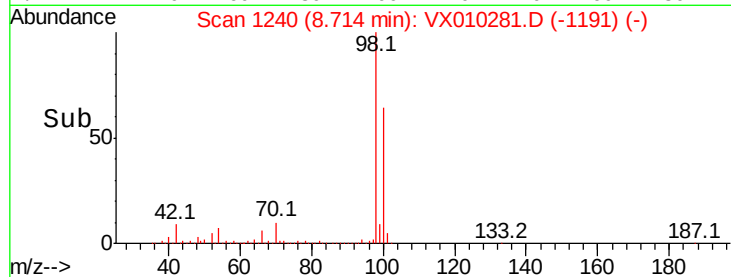
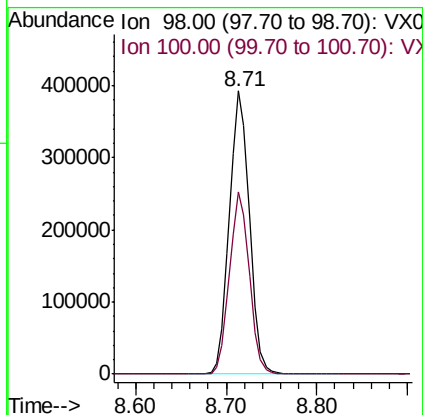
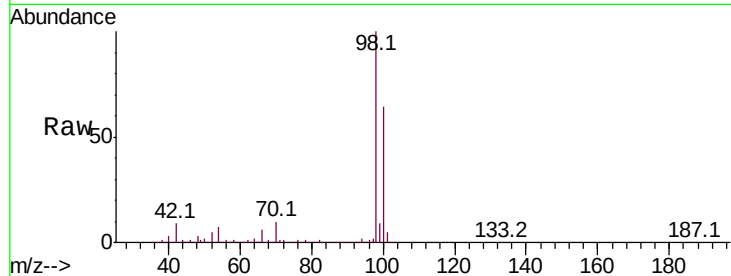
DUP-0527-190611DL

Tot Ion: 98 Resp: 604297

Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 45.737 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010281.D

Acq: 13 Jun 2019 18:32

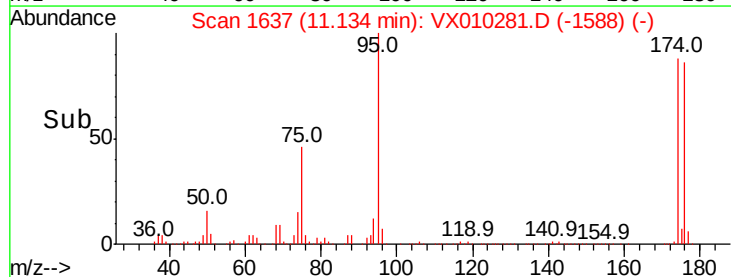
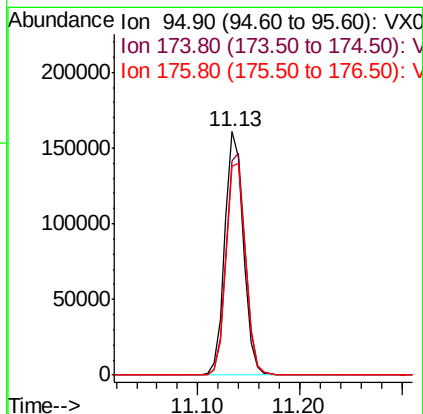
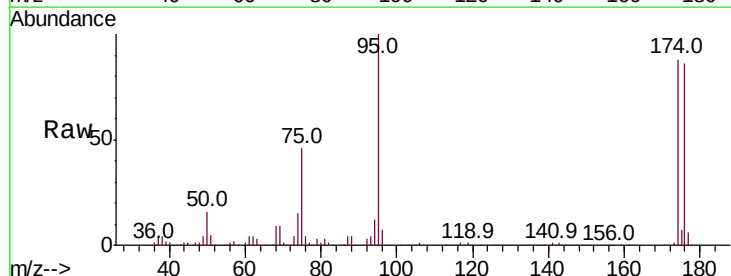
Tgt Ion: 95 Resp: 203648

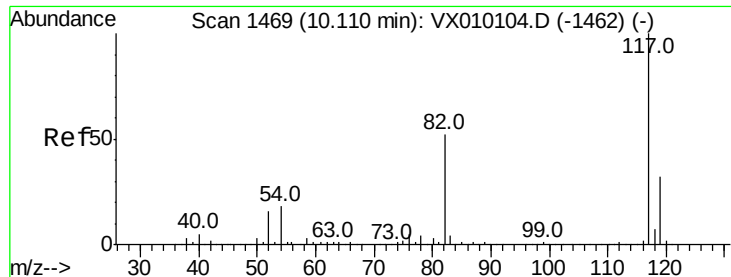
Ion Ratio Lower Upper

95 100

174 93.5 0.0 160.4

176 90.3 0.0 154.6

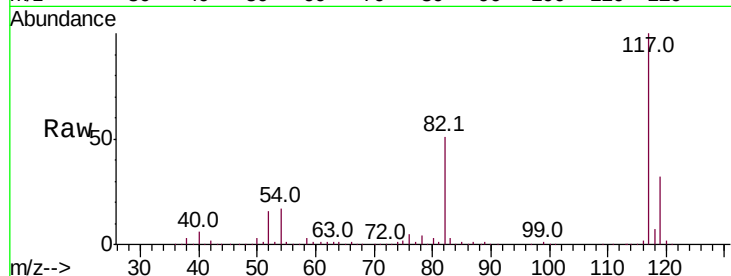




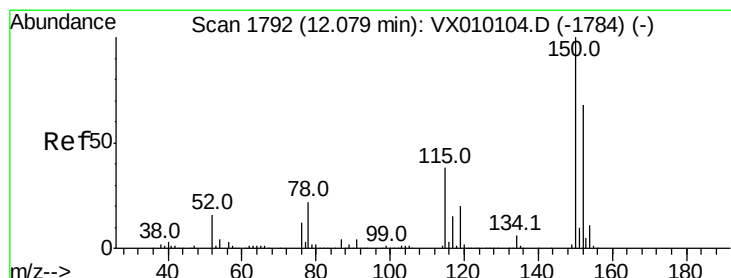
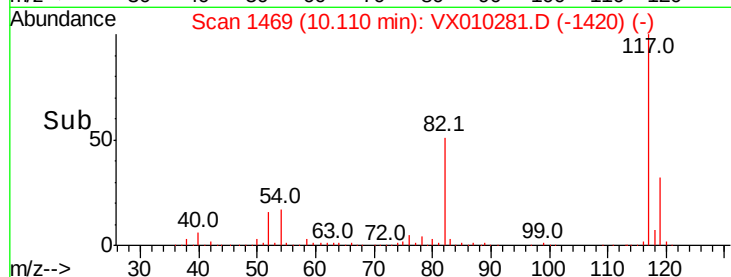
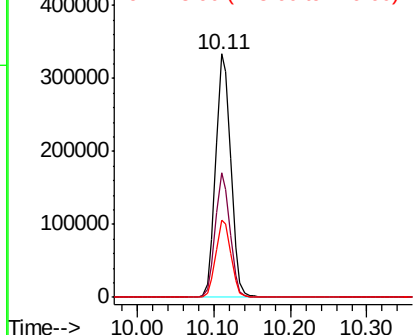
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010281.D
Acq: 13 Jun 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
DUP-0527-190611DL

Tot Ion:117 Resp: 457001
Ion Ratio Lower Upper
117 100
82 51.4 49.2 73.8
119 31.9 25.2 37.8

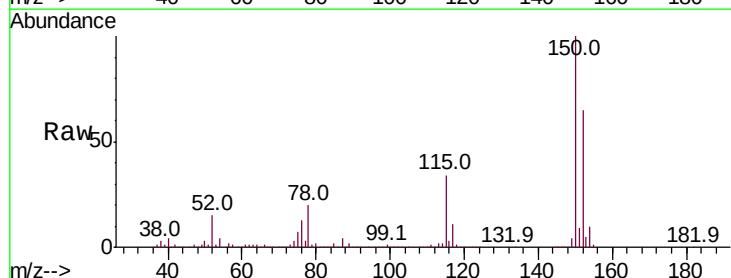


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010281.D
Acq: 13 Jun 2019 18:32

Tgt Ion:152 Resp: 211334
Ion Ratio Lower Upper
152 100
115 54.0 41.4 124.2
150 155.8 0.0 345.2



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

