

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010291.D
 Acq On : 14 Jun 2019 11:35
 Operator : JC/SP
 Sample : VX0614MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBL01

Quant Time: Jun 14 16:26:38 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	314155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	473710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	421597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195527	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	141961	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	5.49	113	144080	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.71	98	555284	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.13	95	187317	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	

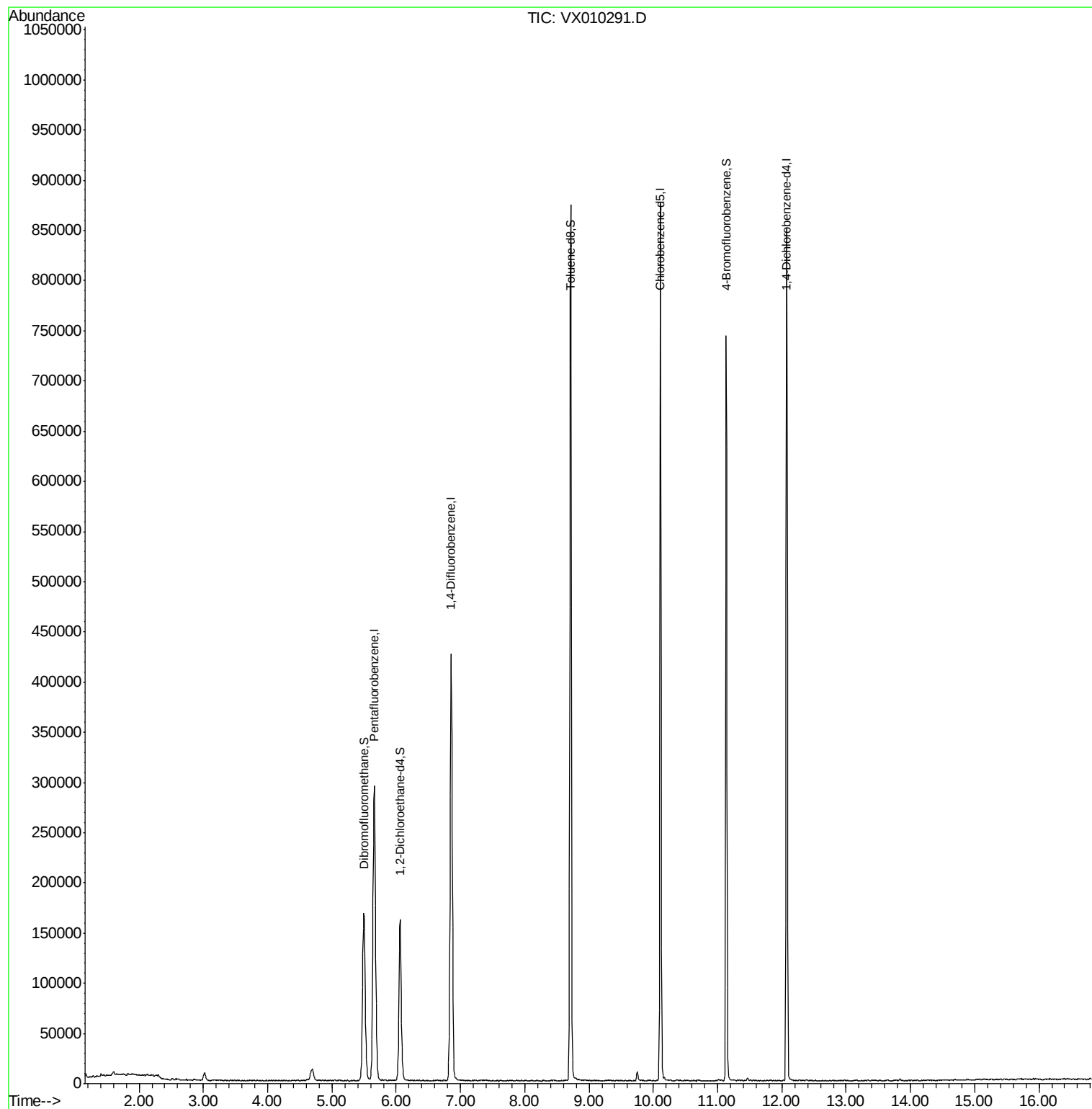
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
VX0614MBL01

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010291.D

Acq: 14 Jun 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

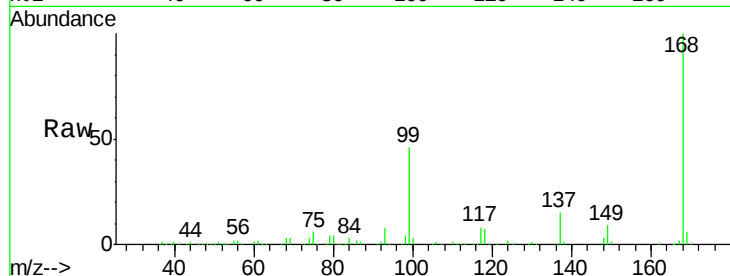
VX0614MBL01

Tot Ion:168 Resp: 314155

Ion Ratio Lower Upper

168 100

99 46.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

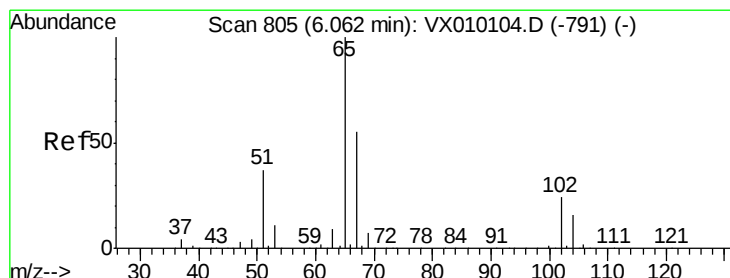
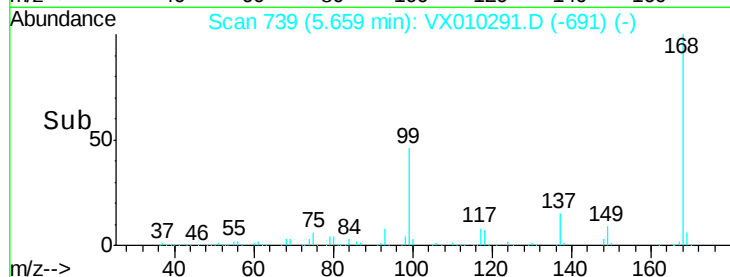
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.294 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010291.D

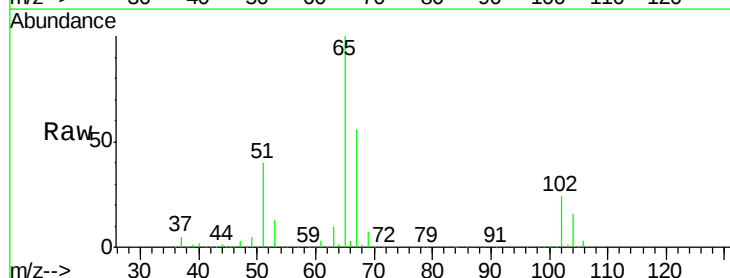
Acq: 14 Jun 2019 11:35

Tgt Ion: 65 Resp: 141961

Ion Ratio Lower Upper

65 100

67 55.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

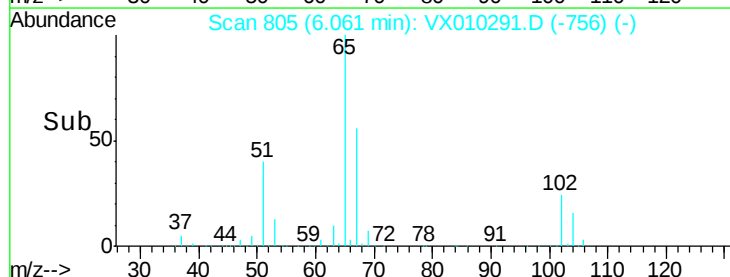
30000

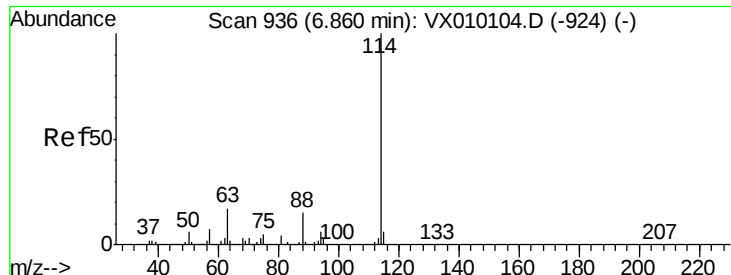
20000

10000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010291.D

Acq: 14 Jun 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBL01

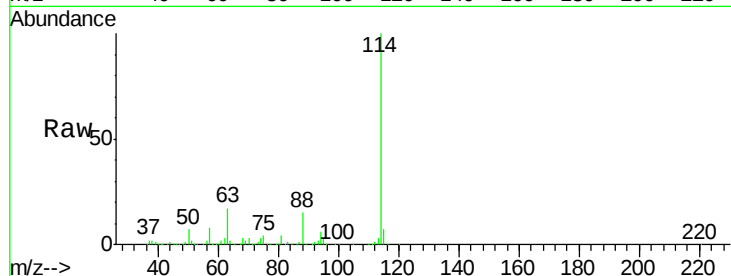
Tot Ion:114 Resp: 473710

Ion Ratio Lower Upper

114 100

63 17.1 0.0 47.4

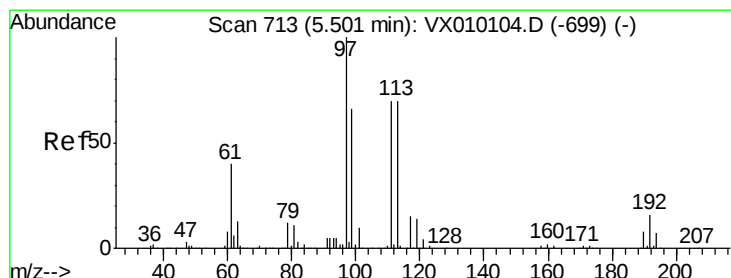
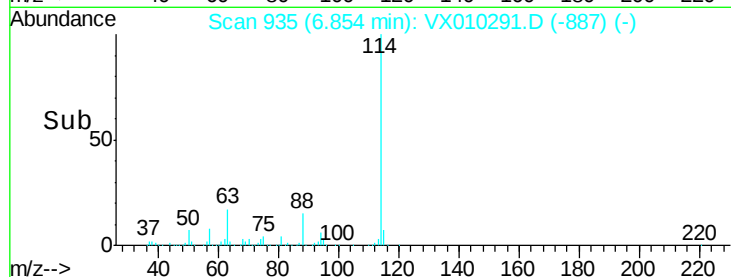
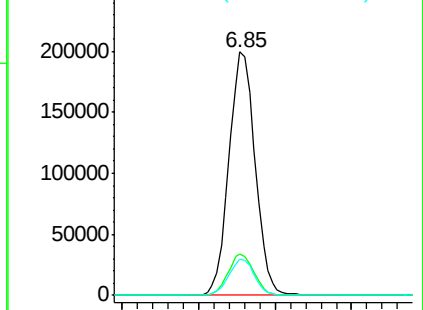
88 14.7 0.0 33.0



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: 49.309 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010291.D

Acq: 14 Jun 2019 11:35

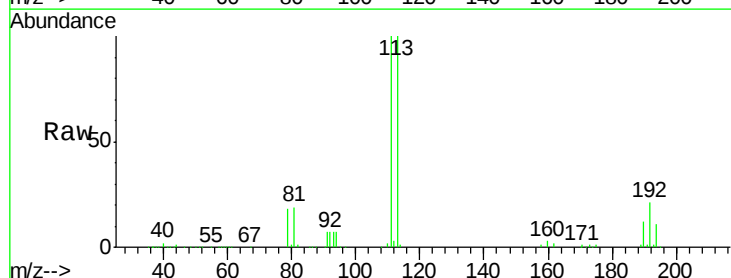
Tgt Ion:113 Resp: 144080

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

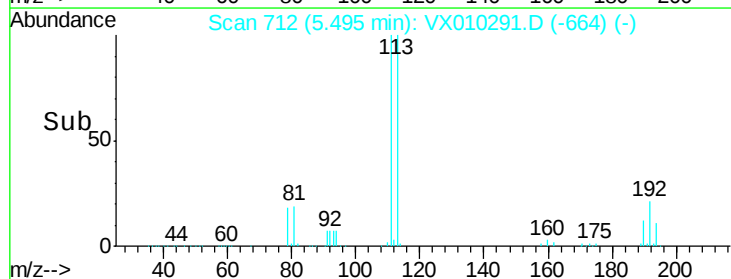
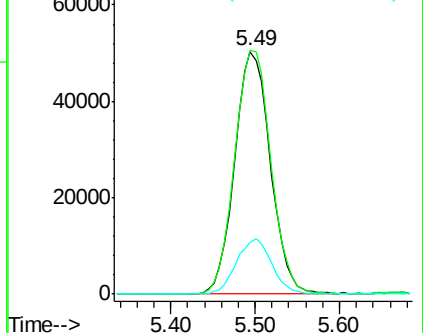
192 22.6 17.1 25.7

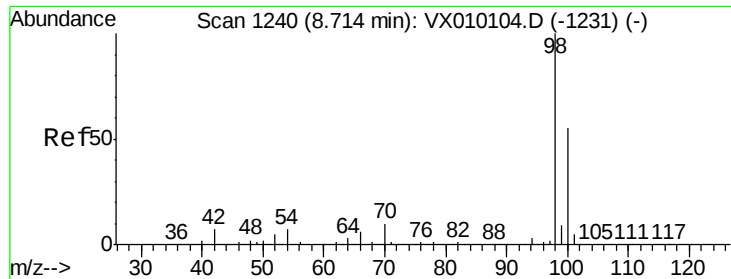


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.706 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010291.D

Acq: 14 Jun 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

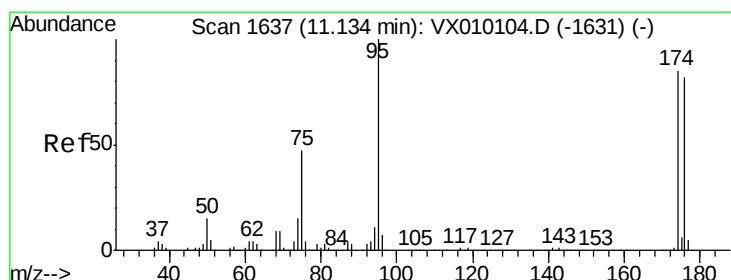
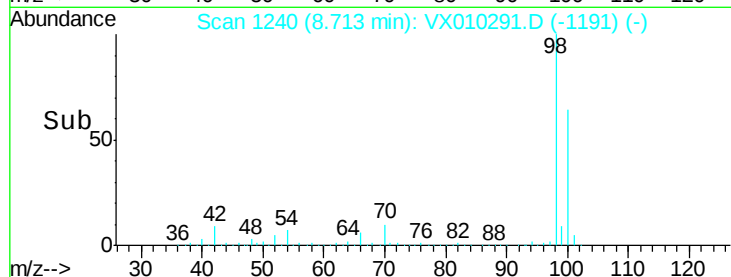
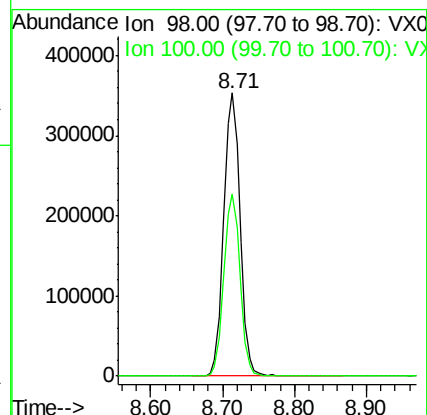
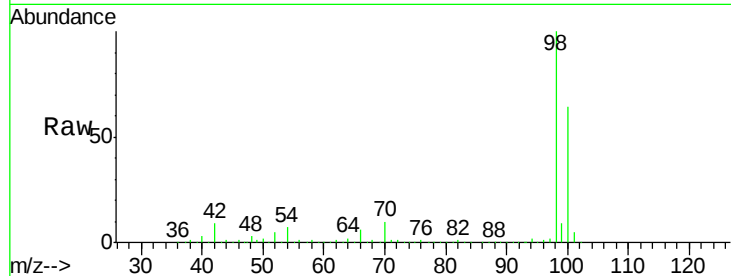
VX0614MBL01

Tot Ion: 98 Resp: 555284

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 45.801 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010291.D

Acq: 14 Jun 2019 11:35

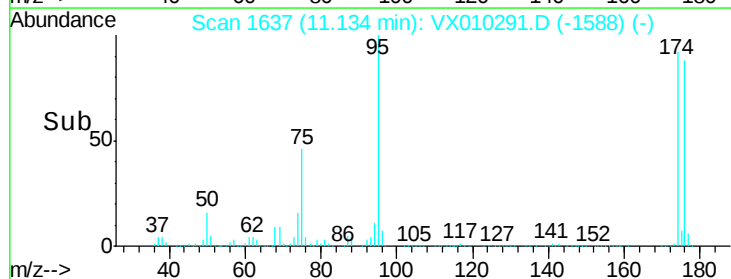
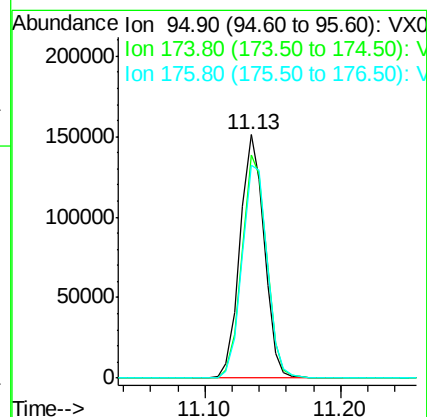
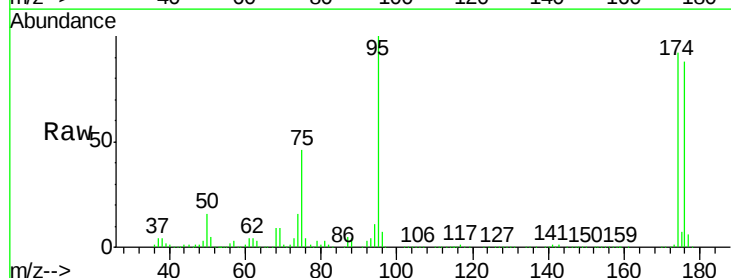
Tgt Ion: 95 Resp: 187317

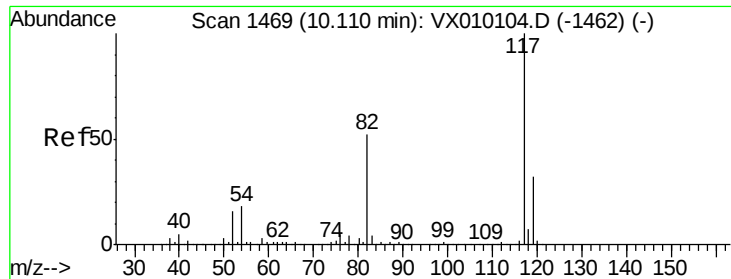
Ion Ratio Lower Upper

95 100

174 93.3 0.0 160.4

176 91.3 0.0 154.6

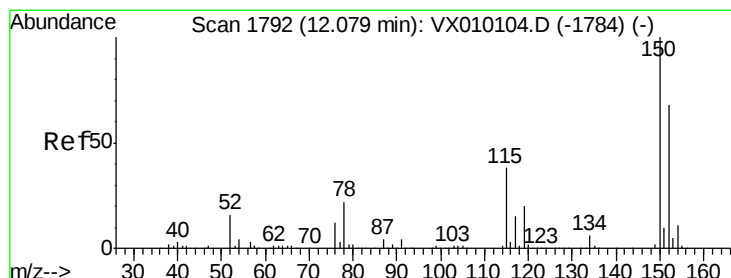
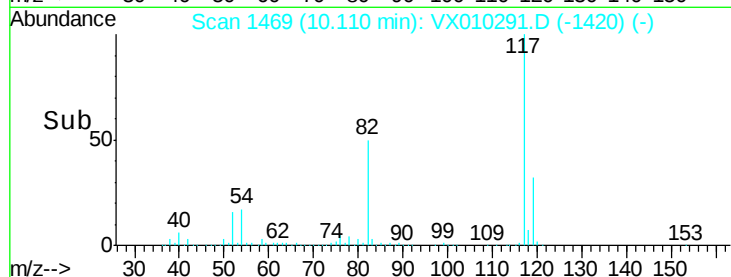
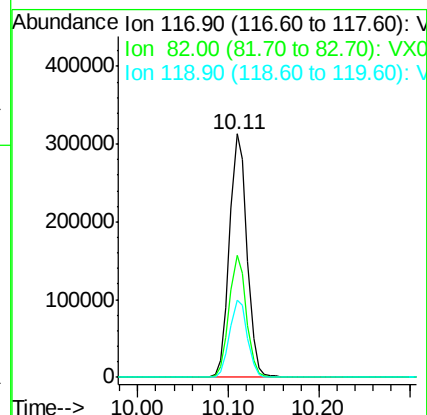
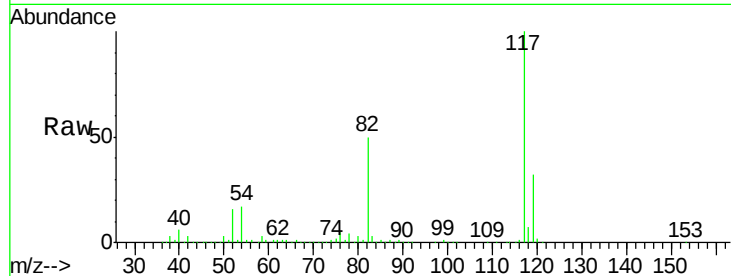




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010291.D
Acq: 14 Jun 2019 11:35

Instrument :
MSVOA_X
ClientSampled :
VX0614MBL01

Tot Ion:117 Resp: 421597
Ion Ratio Lower Upper
117 100
82 49.9 49.2 73.8
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010291.D
Acq: 14 Jun 2019 11:35

Tgt Ion:152 Resp: 195527
Ion Ratio Lower Upper
152 100
115 53.9 41.4 124.2
150 155.3 0.0 345.2

