

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010316.D
 Acq On : 17 Jun 2019 11:52
 Operator : JC/SP
 Sample : VX0617MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617MBL01

Quant Time: Jun 17 15:37:16 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	304167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	453544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	398162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177450	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	134387	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
35) Dibromofluoromethane	5.49	113	139920	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	8.71	98	522122	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	172363	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	

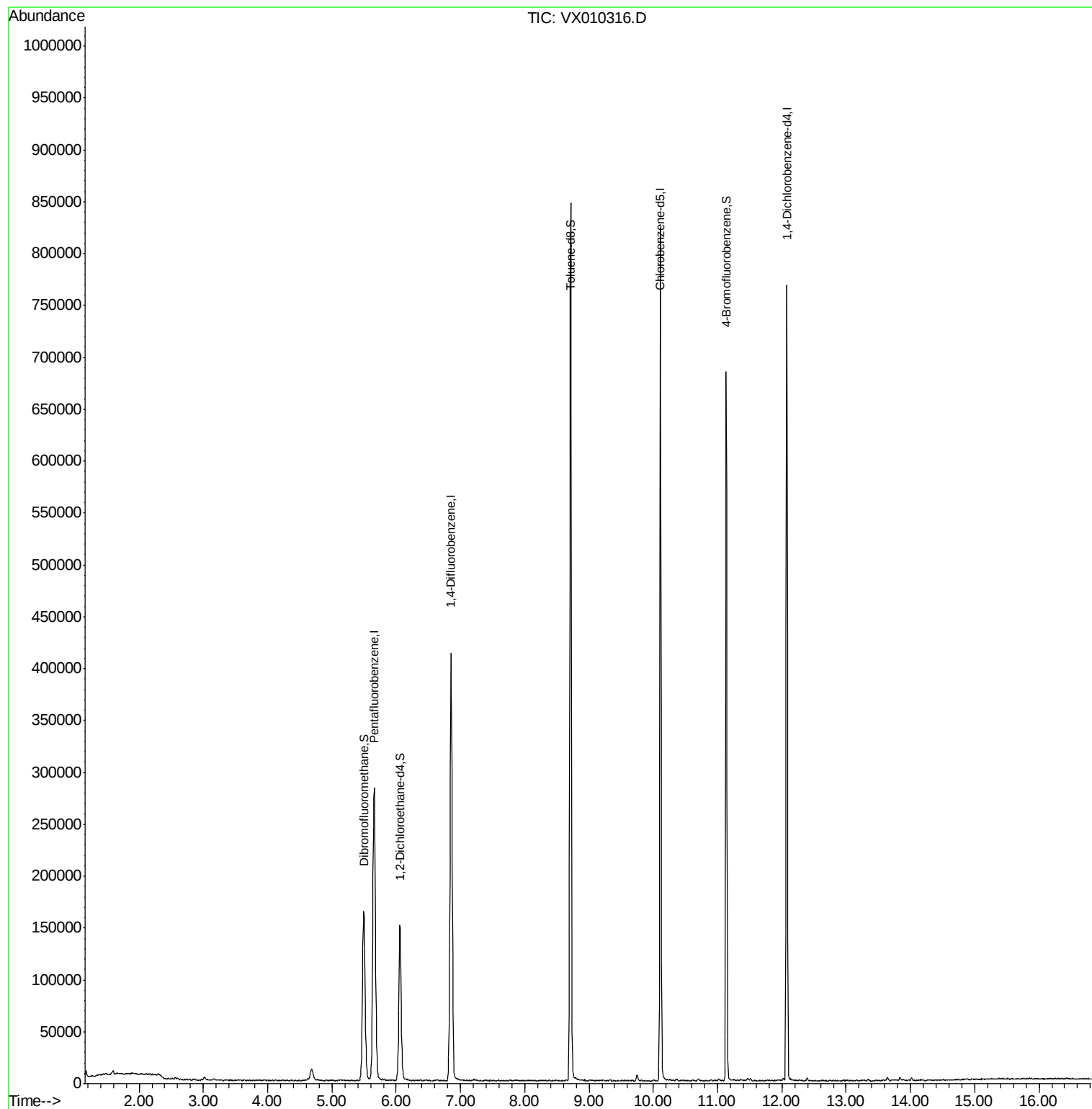
Target Compounds	Qvalue

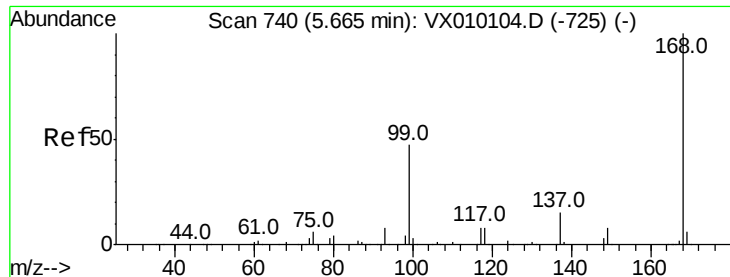
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010316.D

Acq: 17 Jun 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

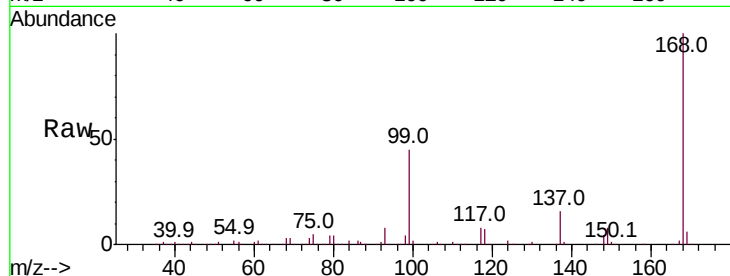
VX0617MBL01

Tot Ion:168 Resp: 304167

Ion Ratio Lower Upper

168 100

99 44.8 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

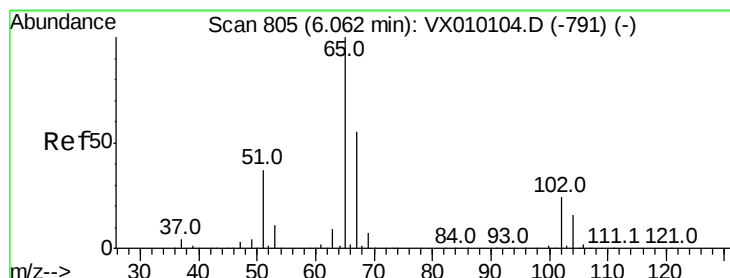
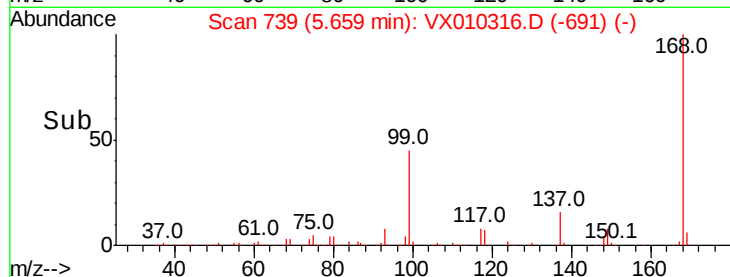
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.263 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010316.D

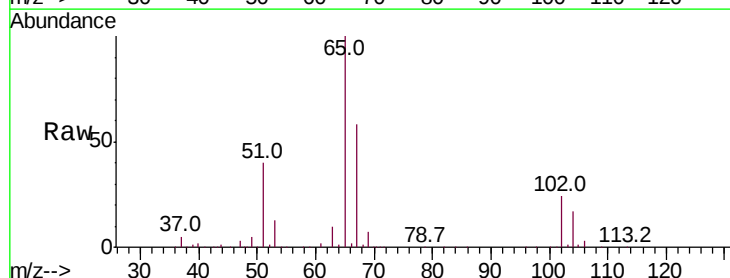
Acq: 17 Jun 2019 11:52

Tgt Ion: 65 Resp: 134387

Ion Ratio Lower Upper

65 100

67 55.9 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

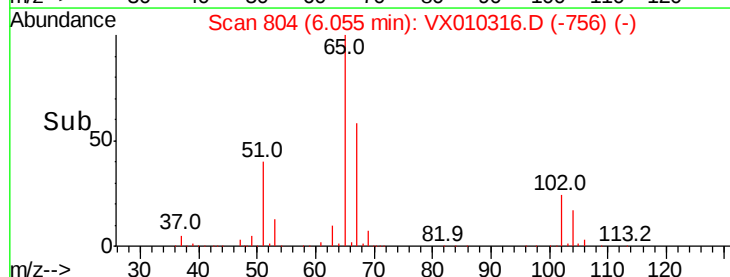
30000

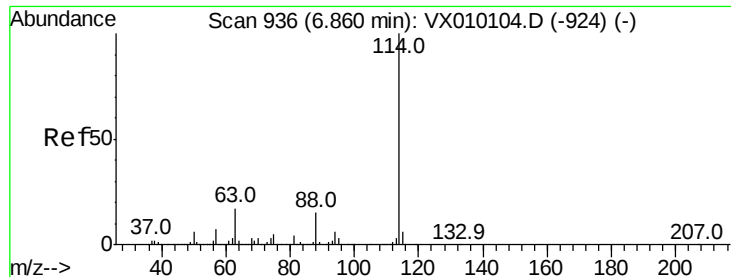
20000

10000

0

Time--> 5.90 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: VX010316.D

Acq: 17 Jun 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBL01

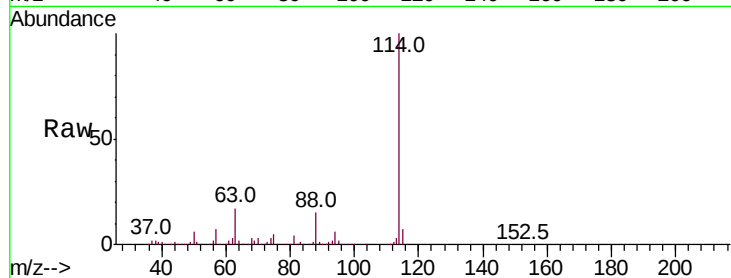
Tot Ion:114 Resp: 453544

Ion Ratio Lower Upper

114 100

63 17.0 0.0 47.4

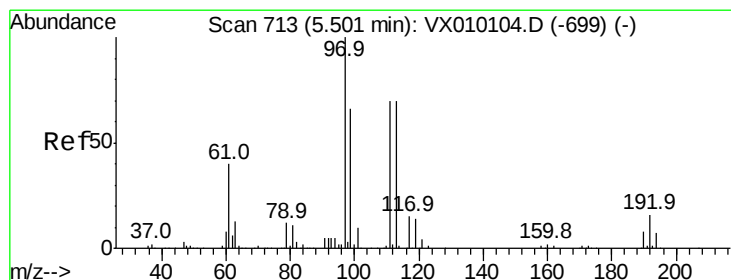
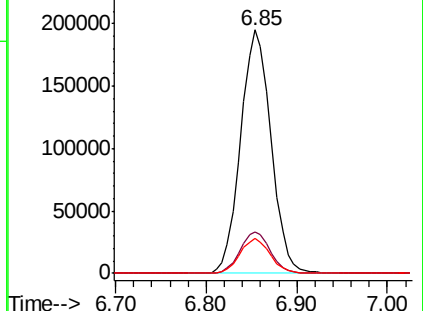
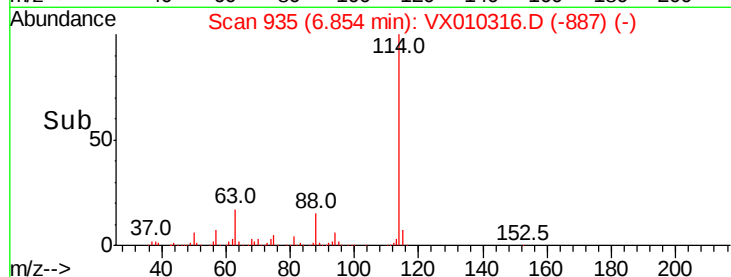
88 14.6 0.0 33.0



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: 50.015 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010316.D

Acq: 17 Jun 2019 11:52

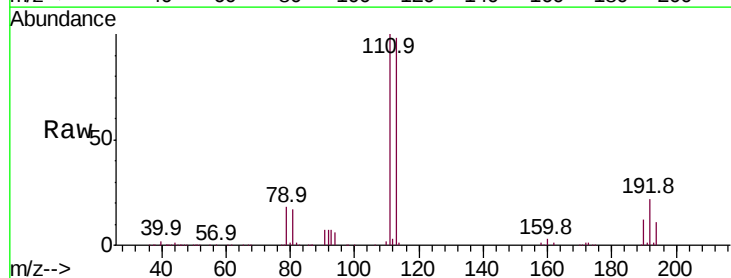
Tgt Ion:113 Resp: 139920

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

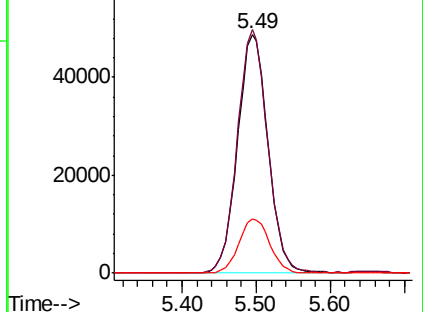
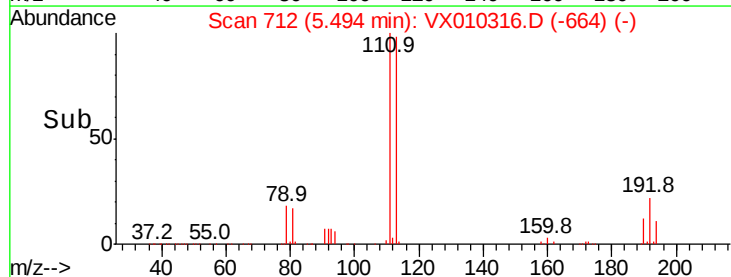
192 23.0 17.1 25.7

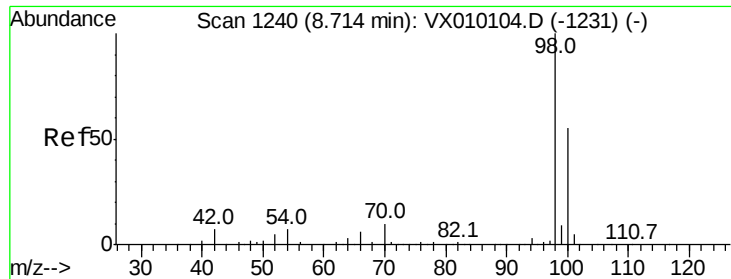


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.798 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010316.D

Acq: 17 Jun 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

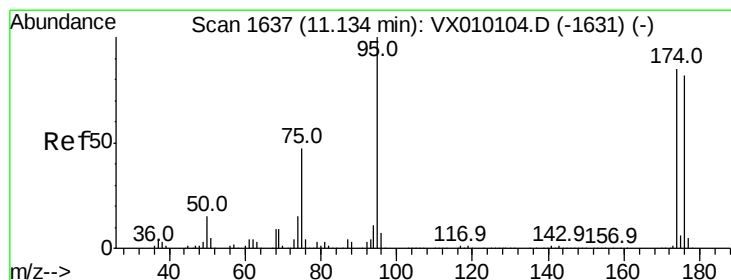
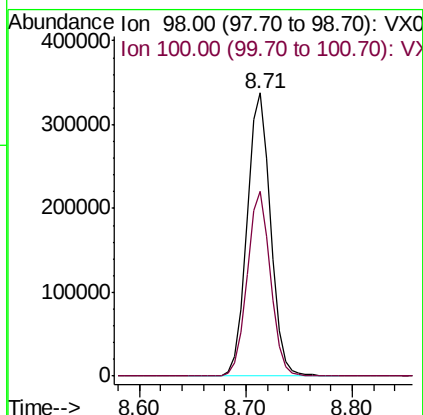
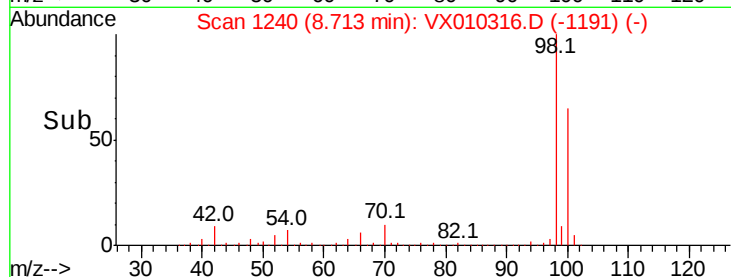
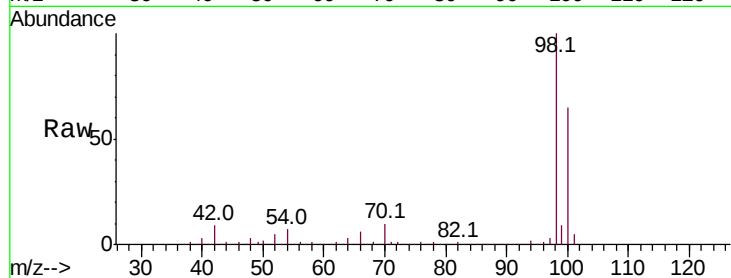
VX0617MBL01

Tot Ion: 98 Resp: 522122

Ion Ratio Lower Upper

98 100

100 65.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 44.019 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010316.D

Acq: 17 Jun 2019 11:52

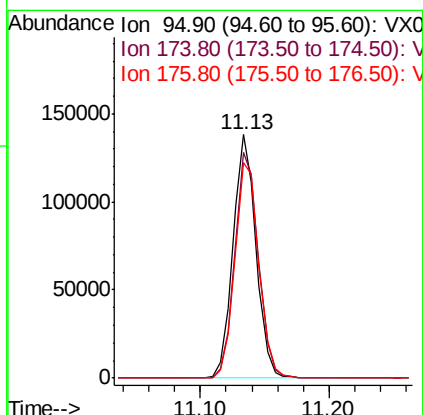
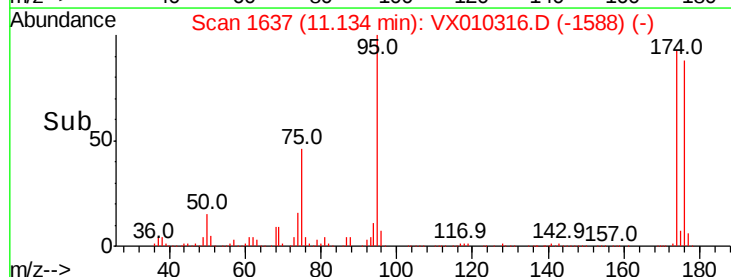
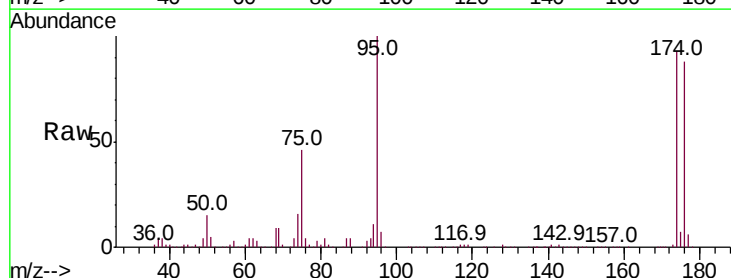
Tgt Ion: 95 Resp: 172363

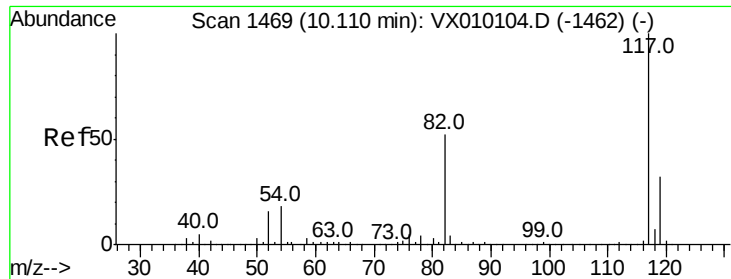
Ion Ratio Lower Upper

95 100

174 95.0 0.0 160.4

176 91.9 0.0 154.6

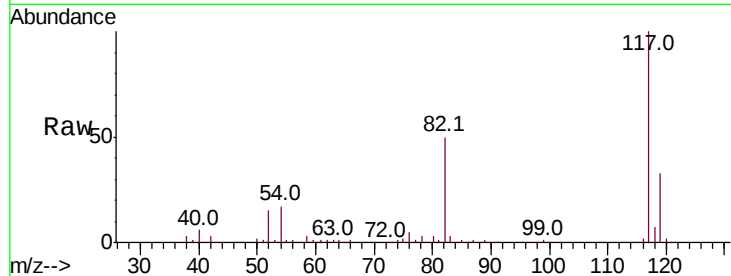




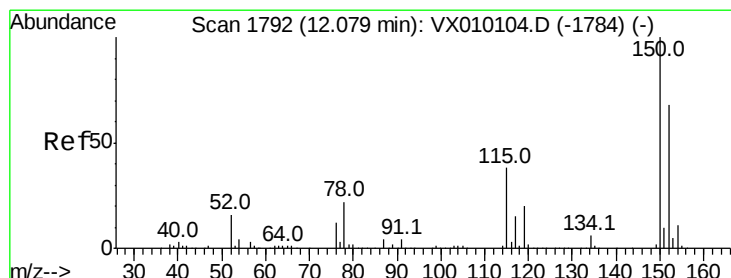
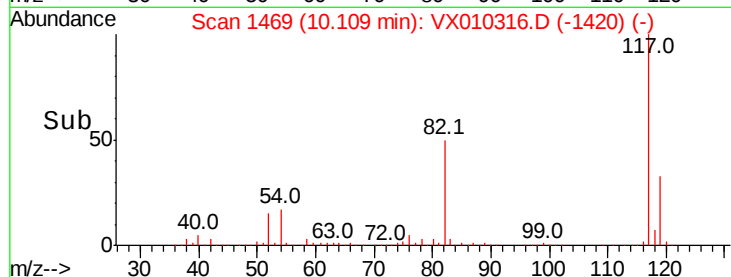
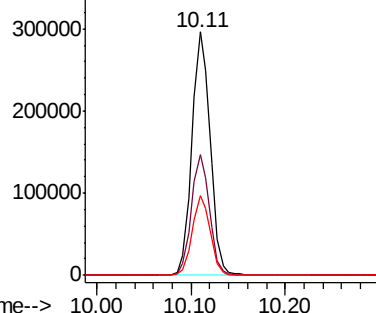
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010316.D
Acq: 17 Jun 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0617MBL01

Tot Ion:117 Resp: 398162
Ion Ratio Lower Upper
117 100
82 49.8 49.2 73.8
119 32.6 25.2 37.8

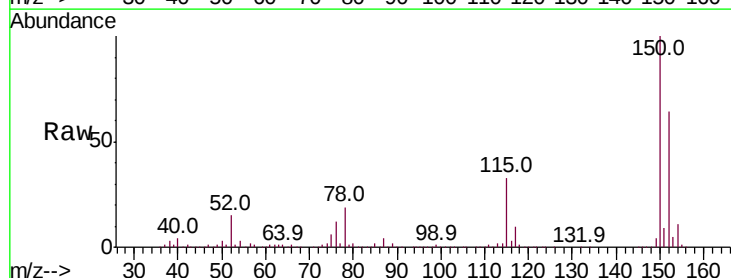


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010316.D
Acq: 17 Jun 2019 11:52

Tgt Ion:152 Resp: 177450
Ion Ratio Lower Upper
152 100
115 53.5 41.4 124.2
150 156.6 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

