

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043019\
 Data File : VX009234.D
 Acq On : 30 Apr 2019 10:33
 Operator : JC/SP
 Sample : VX0430MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430MBL01

Quant Time: May 01 01:38:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	194866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	310683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111123	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	127044	47.76	ug/l	0.00
Spiked Amount						
			Recovery	=	95.52%	
35) Dibromofluoromethane	5.49	113	94240	48.25	ug/l	0.00
Spiked Amount						
			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	384874	48.81	ug/l	0.00
Spiked Amount						
			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.13	95	123669	43.16	ug/l	0.00
Spiked Amount						
			Recovery	=	86.32%	

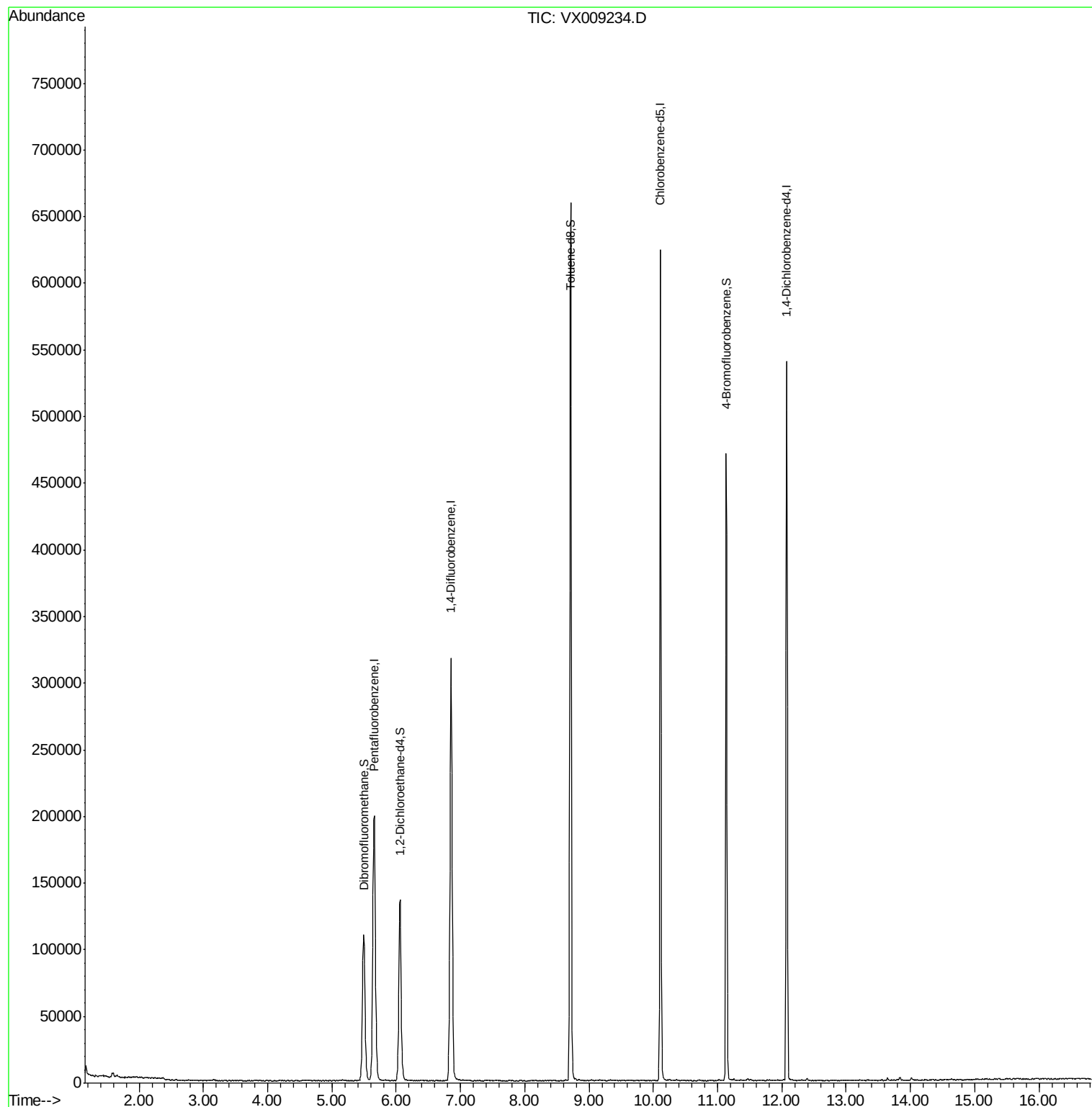
Target Compounds	Qvalue

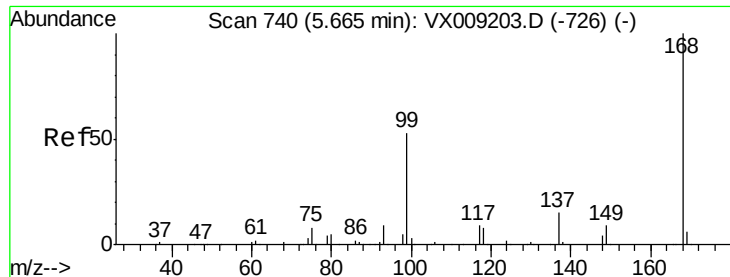
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX043019\
Data File : VX009234.D
Acq On : 30 Apr 2019 10:33
Operator : JC/SP
Sample : VX0430MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430MBL01

Quant Time: May 01 01:38:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 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: VX009234.D

Acq: 30 Apr 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

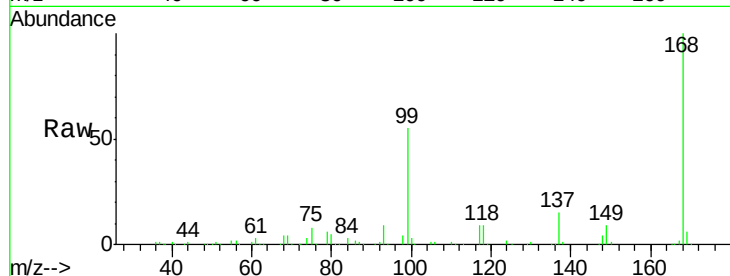
VX0430MBL01

Tot Ion:168 Resp: 194866

Ion Ratio Lower Upper

168 100

99 55.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

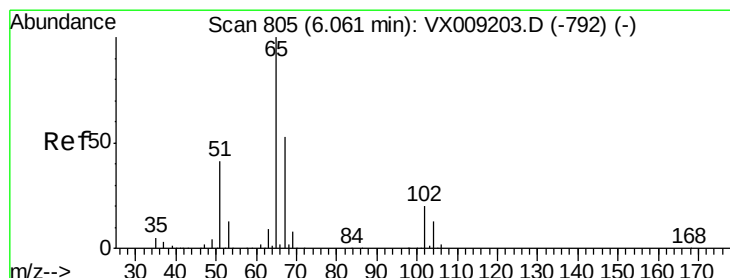
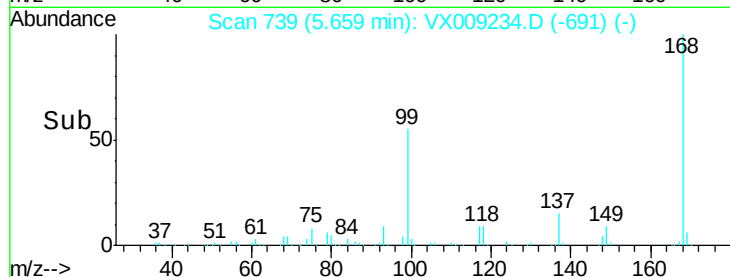
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.758 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009234.D

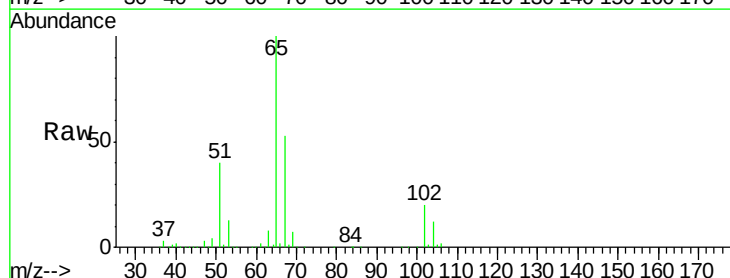
Acq: 30 Apr 2019 10:33

Tgt Ion: 65 Resp: 127044

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

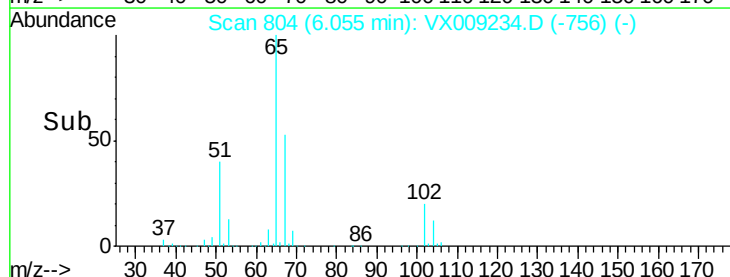
30000

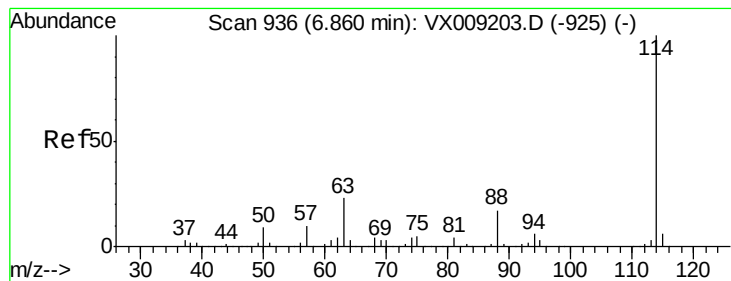
20000

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: VX009234.D

Acq: 30 Apr 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX0430MBL01

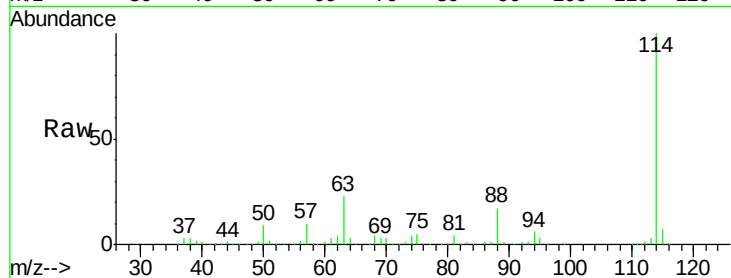
Tot Ion:114 Resp: 310683

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

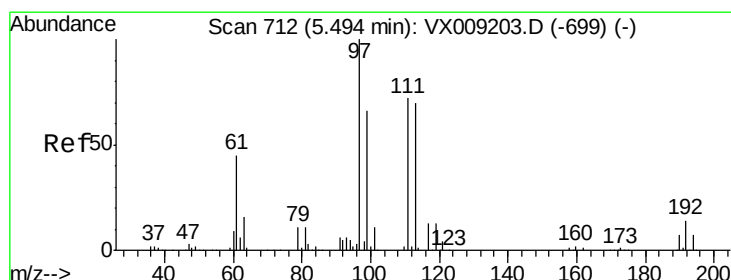
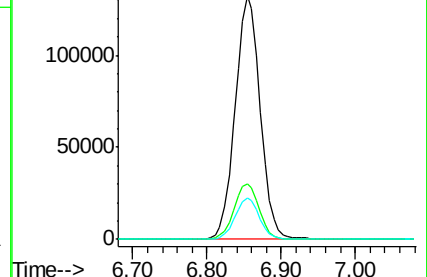
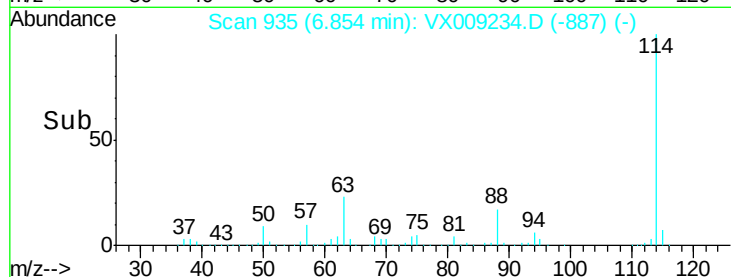
88 16.8 0.0 33.2



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: 48.252 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009234.D

Acq: 30 Apr 2019 10:33

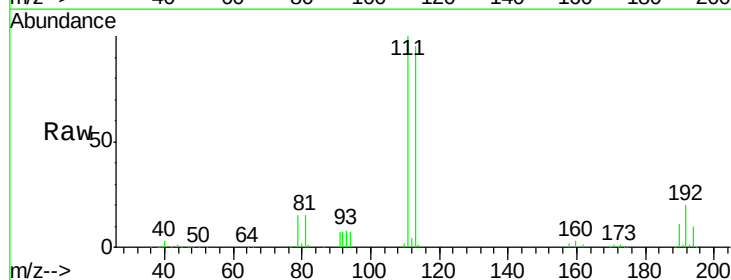
Tgt Ion:113 Resp: 94240

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

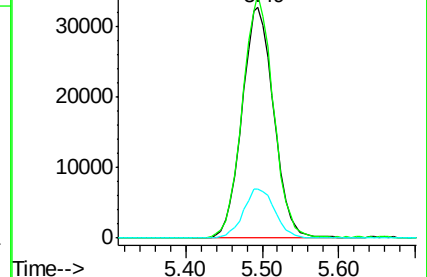
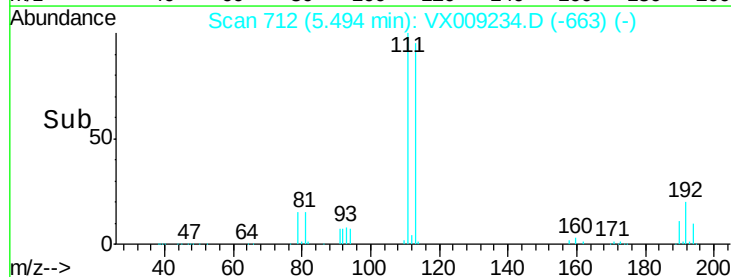
192 21.3 17.0 25.6

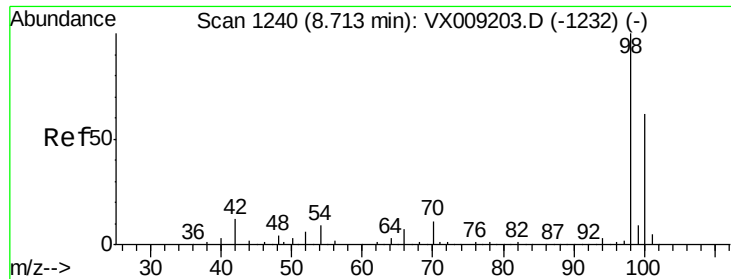


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.811 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009234.D

Acq: 30 Apr 2019 10:33

Instrument :

MSVOA_X

ClientSampled :

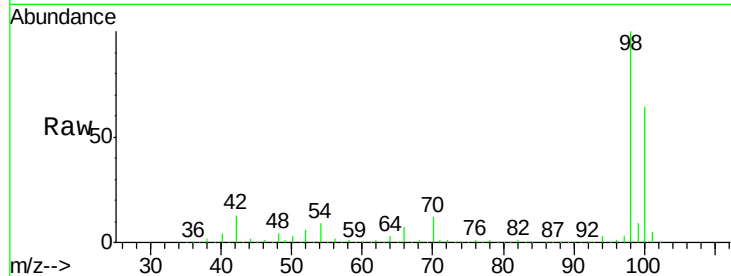
VX0430MBL01

Tot Ion: 98 Resp: 384874

Ion Ratio Lower Upper

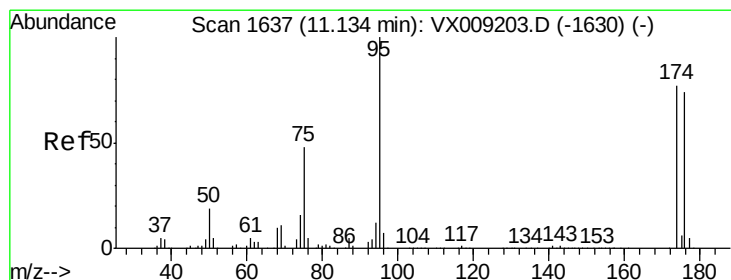
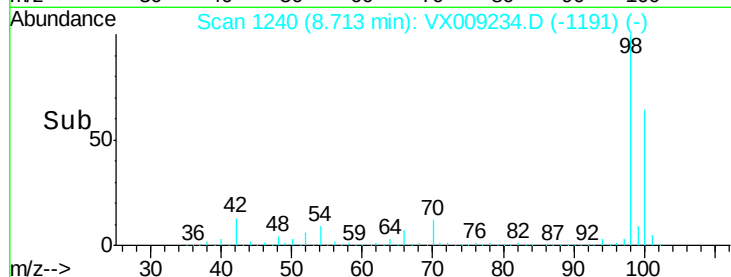
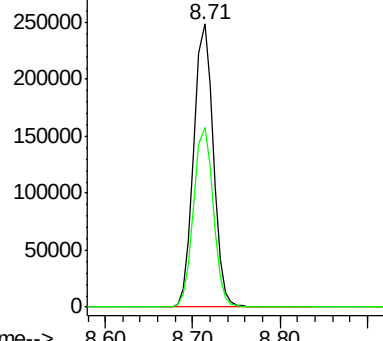
98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.163 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009234.D

Acq: 30 Apr 2019 10:33

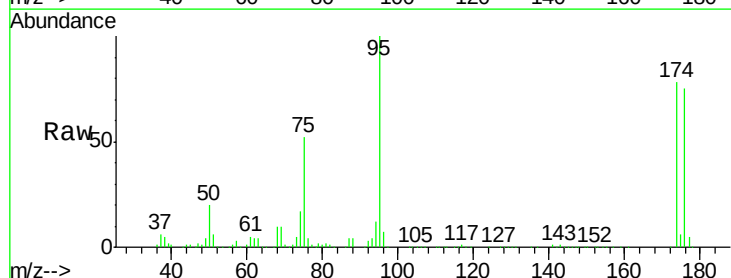
Tgt Ion: 95 Resp: 123669

Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.6

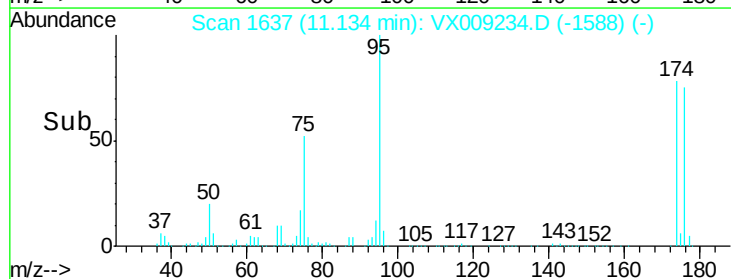
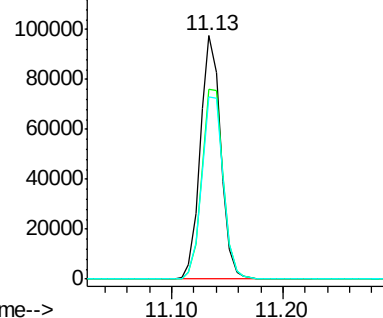
176 79.3 0.0 159.2

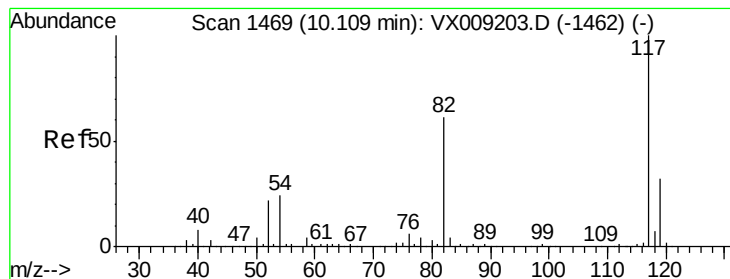


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009234.D

Acq: 30 Apr 2019 10:33

Instrument :

MSVOA_X

ClientSampled :

VX0430MBL01

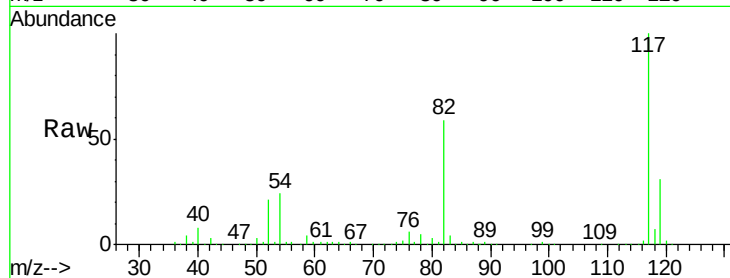
Tot Ion:117 Resp: 264507

Ion Ratio Lower Upper

117 100

82 59.4 48.8 73.2

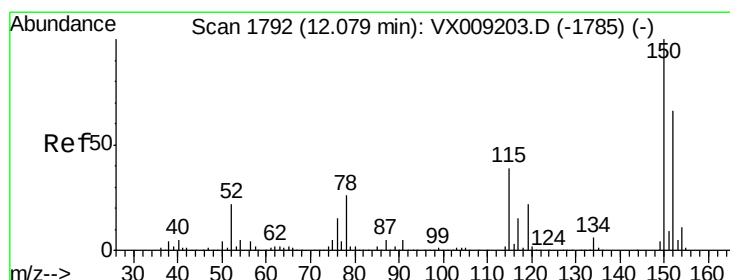
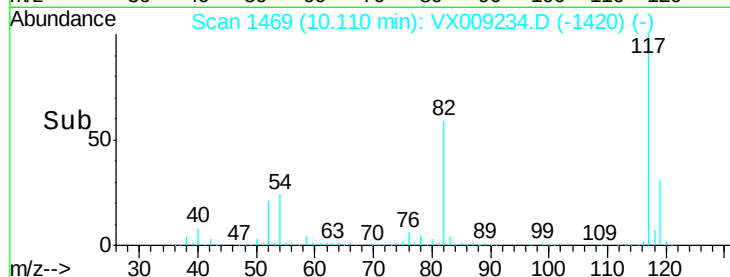
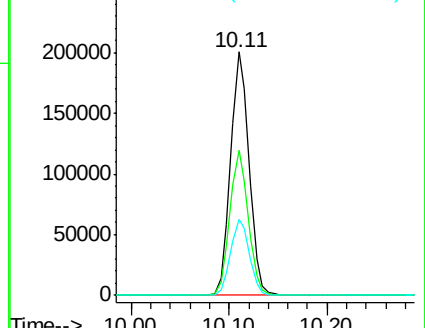
119 31.4 25.8 38.6



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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX009234.D

Acq: 30 Apr 2019 10:33

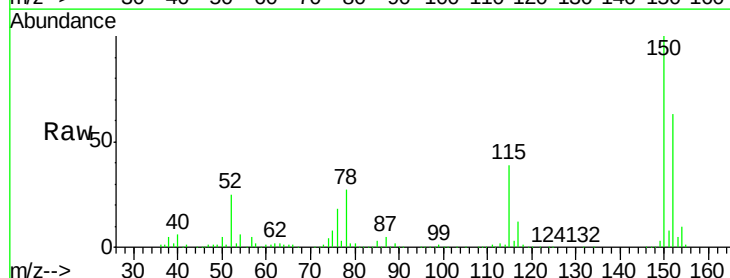
Tgt Ion:152 Resp: 111123

Ion Ratio Lower Upper

152 100

115 58.8 41.2 123.6

150 157.4 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

