

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
 Data File : VX008563.D
 Acq On : 01 Apr 2019 13:04
 Operator : JC/SP
 Sample : K2189-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-TB-20190329

Quant Time: Apr 02 01:33:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	365302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133006	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	153911	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
35) Dibromofluoromethane	5.49	113	112728	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
50) Toluene-d8	8.71	98	455078	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.13	95	155351	44.02	ug/l	0.00
Spiked Amount			Recovery	=	88.04%	

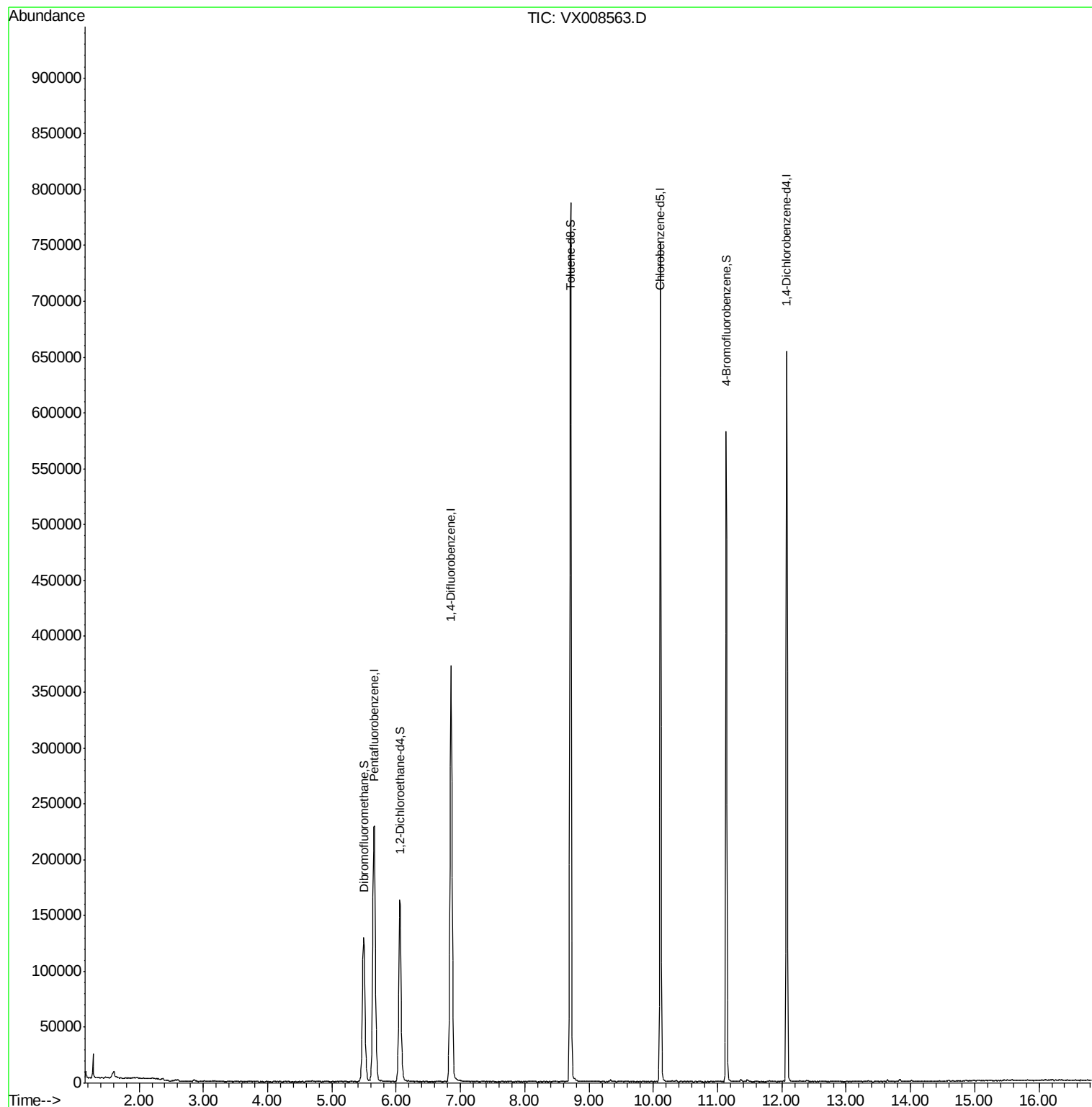
Target Compounds	Qvalue
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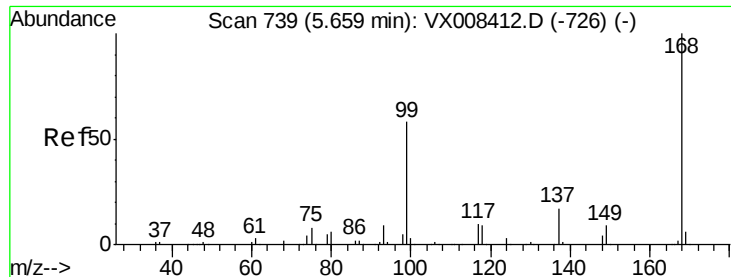
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 07:57:20 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008563.D

Acq: 01 Apr 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

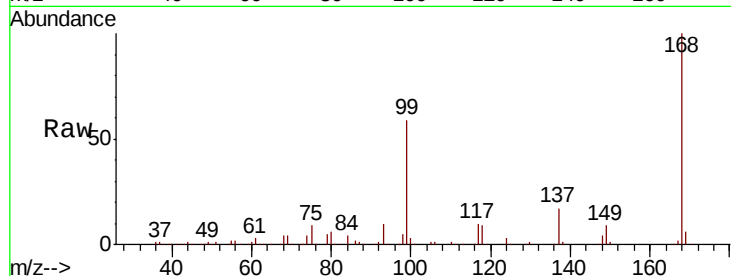
BP-VPB201R-TB-20190329

Tot Ion:168 Resp: 219052

Ion Ratio Lower Upper

168 100

99 59.5 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

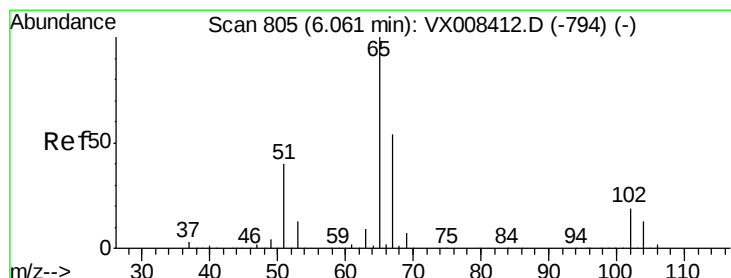
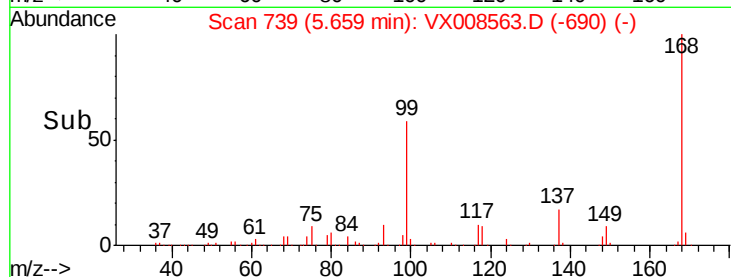
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 46.346 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008563.D

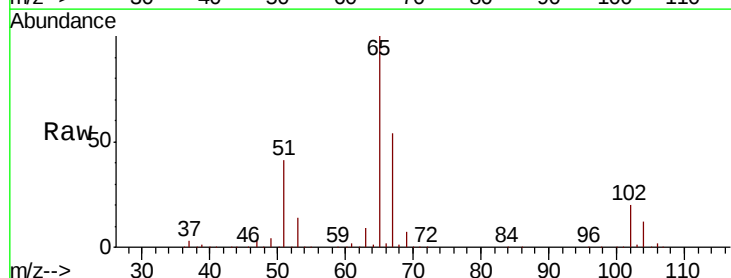
Acq: 01 Apr 2019 13:04

Tgt Ion: 65 Resp: 153911

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

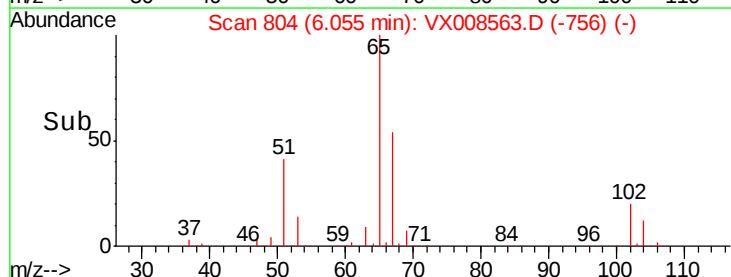
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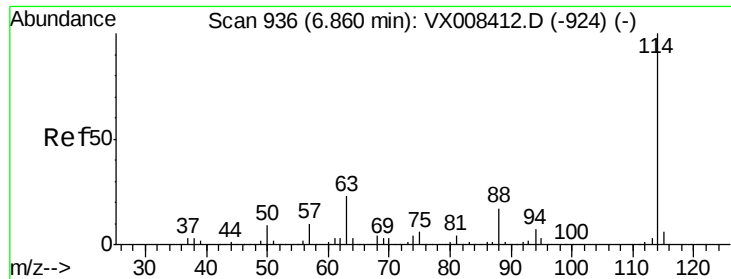
20000

0

Time-->

5.90 6.00 6.10 6.20

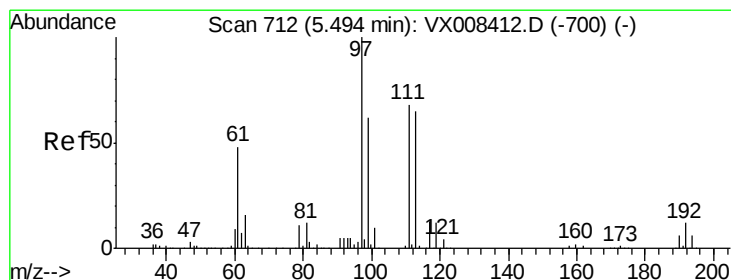
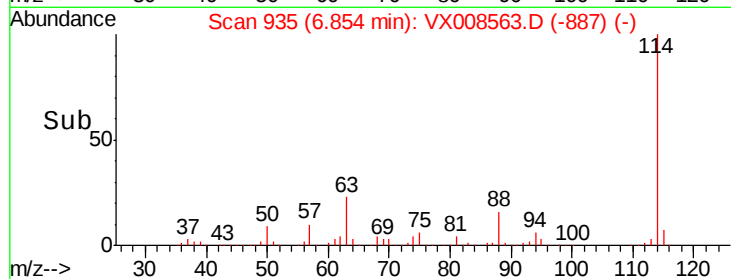
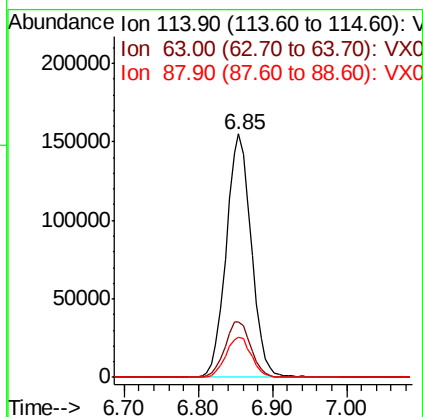
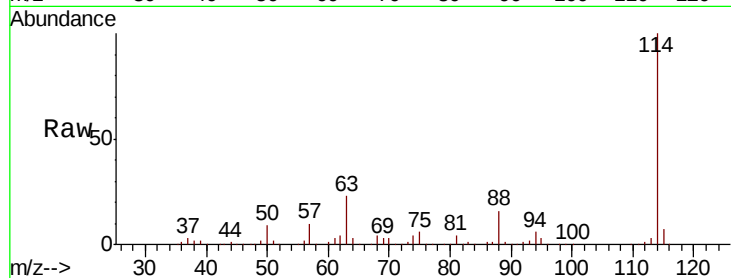




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008563.D
 Acq: 01 Apr 2019 13:04

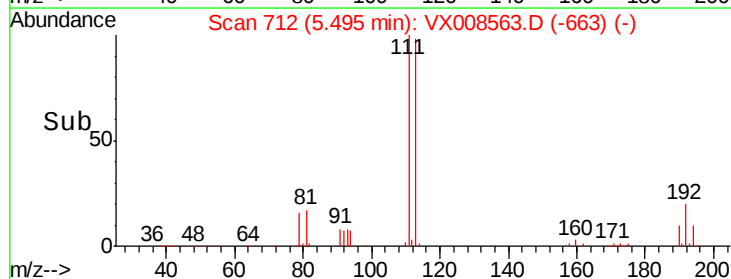
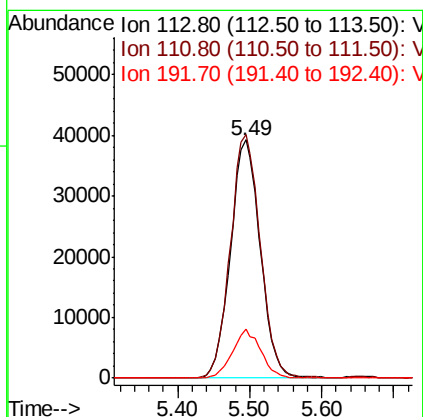
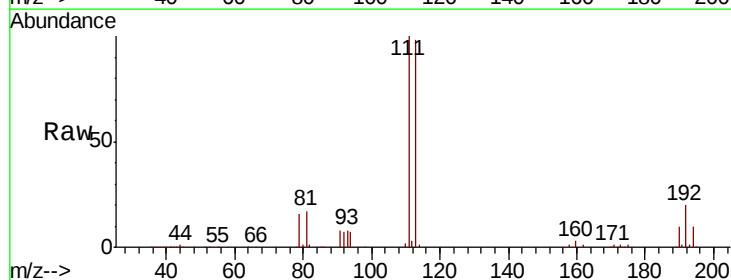
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-TB-20190329

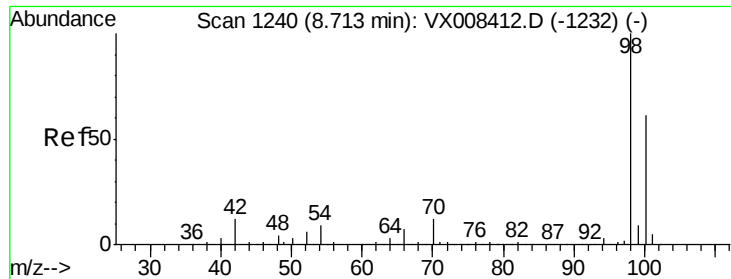
Tot Ion:114 Resp: 365302
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.4
 88 16.4 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 47.326 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX008563.D
 Acq: 01 Apr 2019 13:04

Tgt Ion:113 Resp: 112728
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.0 124.4
 192 19.6 15.6 23.4





#50

Toluene-d8

Concen: 47.780 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008563.D

Acq: 01 Apr 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

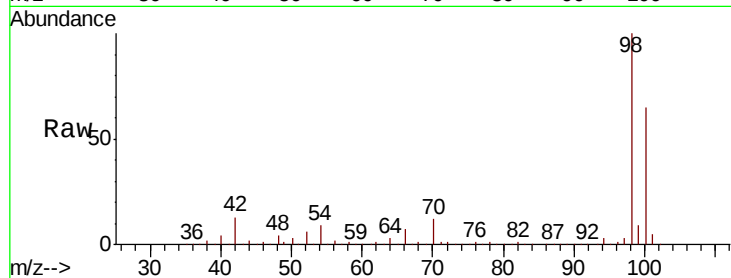
BP-VPB201R-TB-20190329

Tot Ion: 98 Resp: 455078

Ion Ratio Lower Upper

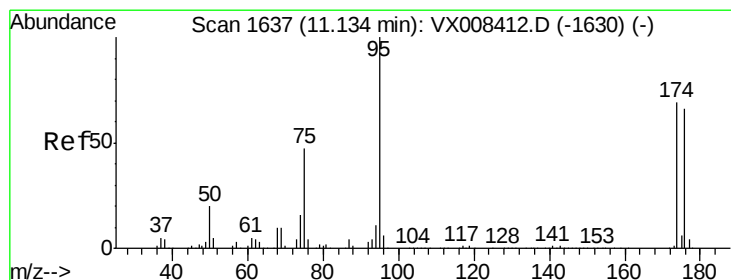
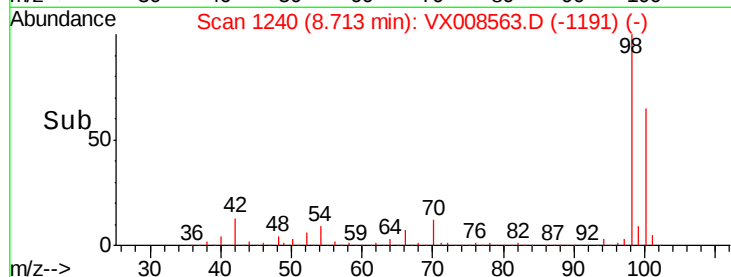
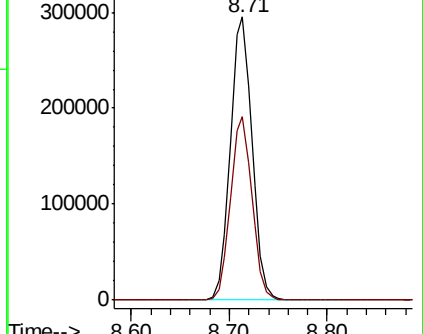
98 100

100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.017 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008563.D

Acq: 01 Apr 2019 13:04

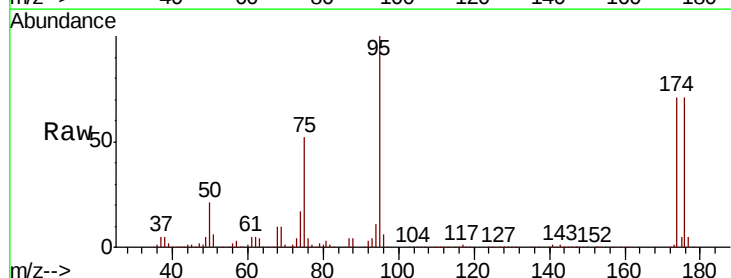
Tgt Ion: 95 Resp: 155351

Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.2

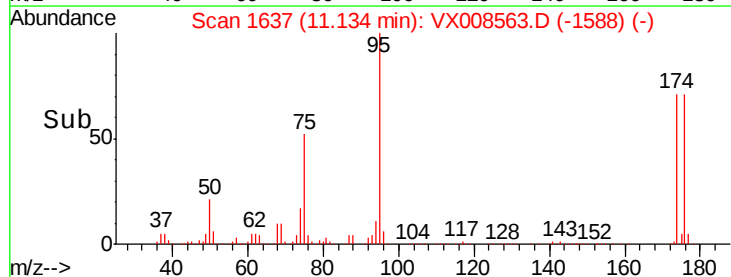
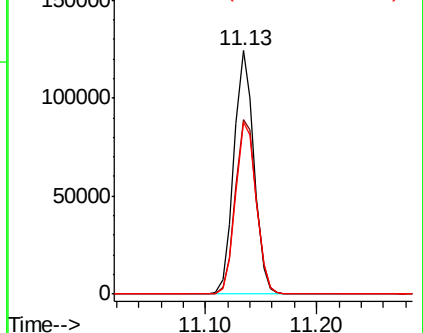
176 73.0 0.0 142.4

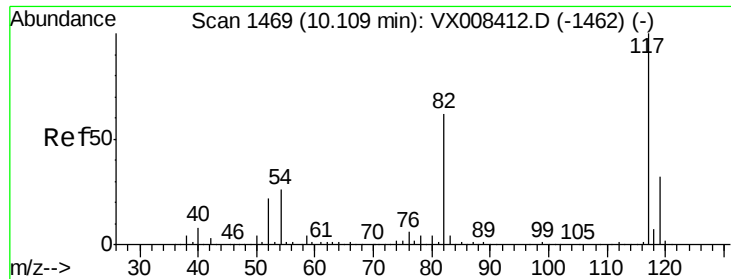


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

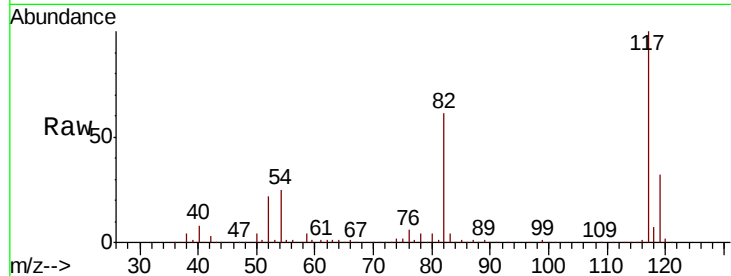




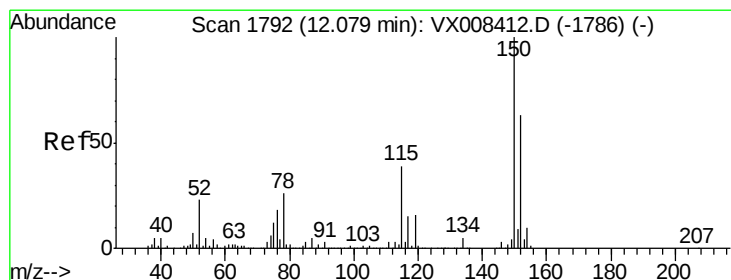
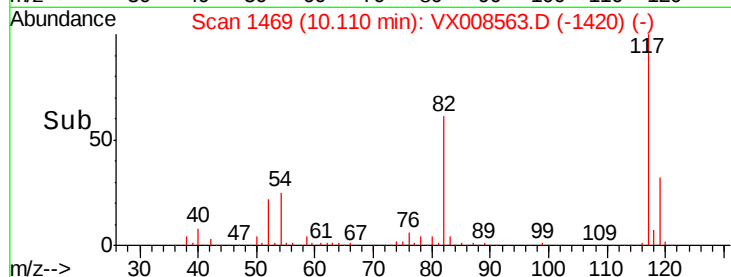
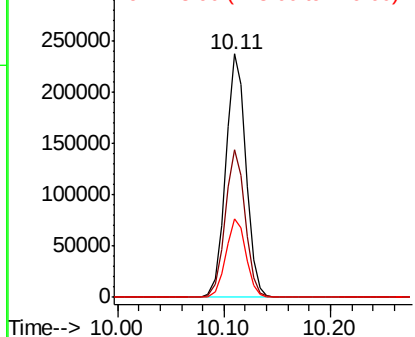
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008563.D
Acq: 01 Apr 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-TB-20190329

Tot Ion:117 Resp: 316097
Ion Ratio Lower Upper
117 100
82 60.8 49.4 74.2
119 32.1 25.4 38.0

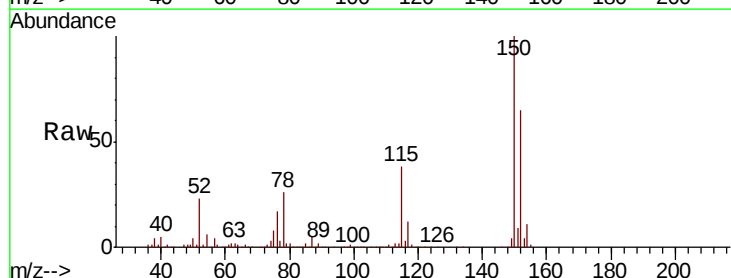


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008563.D
Acq: 01 Apr 2019 13:04

Tgt Ion:152 Resp: 133006
Ion Ratio Lower Upper
152 100
115 60.6 43.5 130.5
150 156.4 0.0 348.8



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

