

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010129.D
 Acq On : 07 Jun 2019 23:18
 Operator : JC/SP
 Sample : K3221-06 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309S-20190605

Quant Time: Jun 08 04:15:34 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

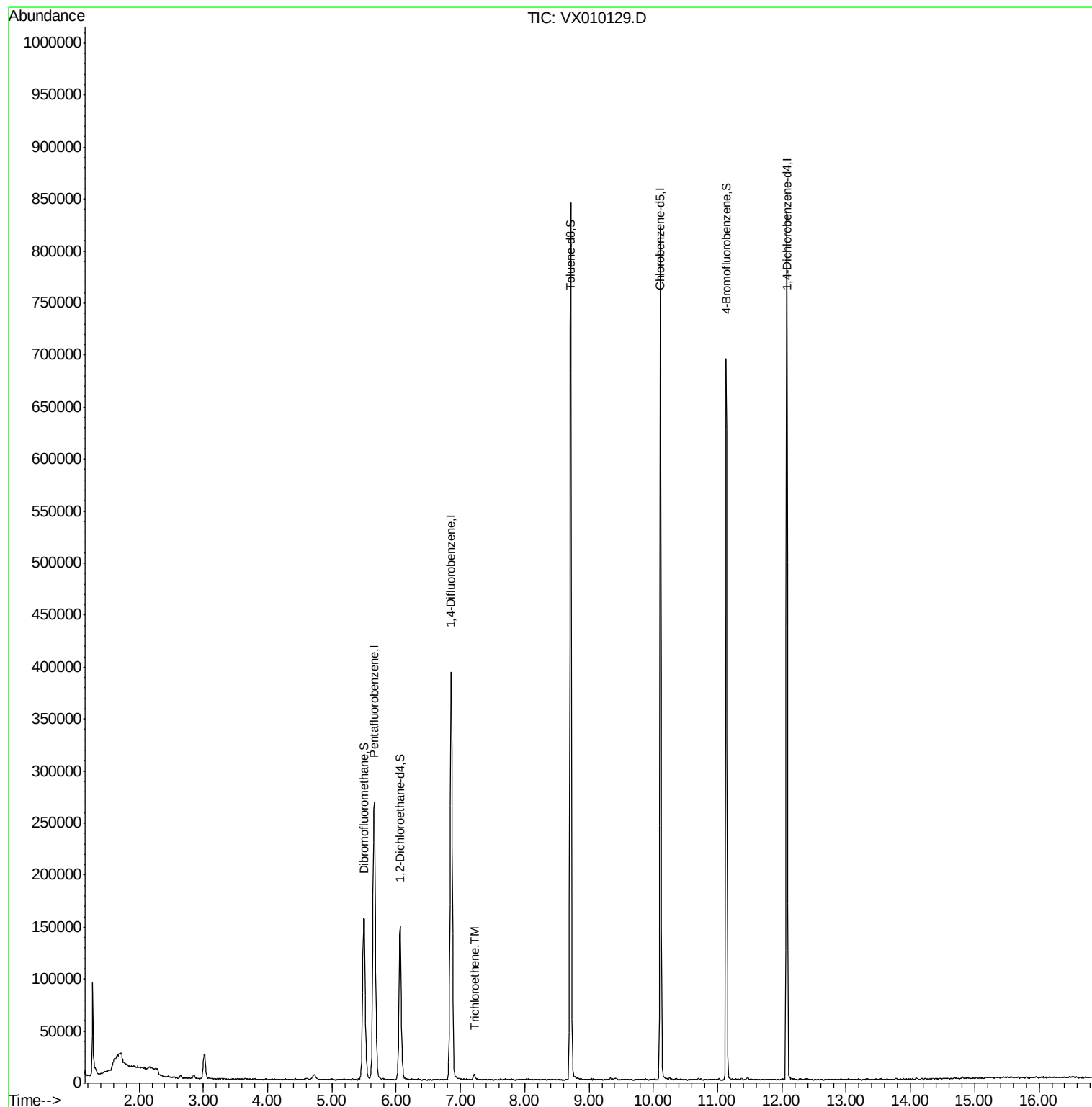
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	289110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	441273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	398862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190441	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	133447	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
35) Dibromofluoromethane	5.49	113	136056	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	8.71	98	518694	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.13	95	185824	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
Target Compounds						
44) Trichloroethene	7.21	130	1797	0.536	ug/l	Qvalue 78

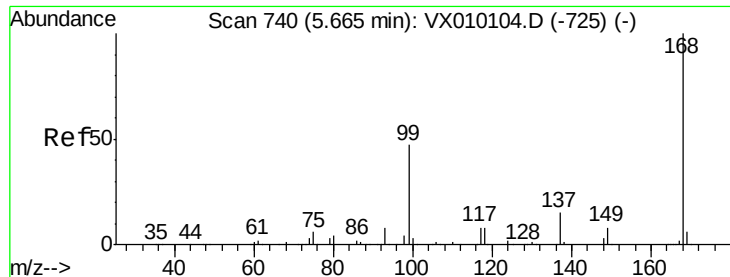
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010129.D

Acq: 07 Jun 2019 23:18

Instrument :

MSVOA_X

ClientSampleId :

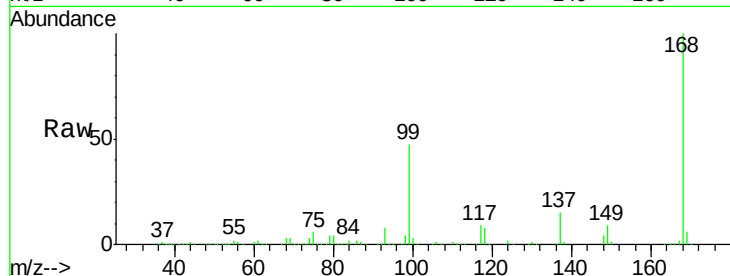
BPS1-TT-MW309S-20190605

Tot Ion:168 Resp: 289110

Ion Ratio Lower Upper

168 100

99 47.4 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

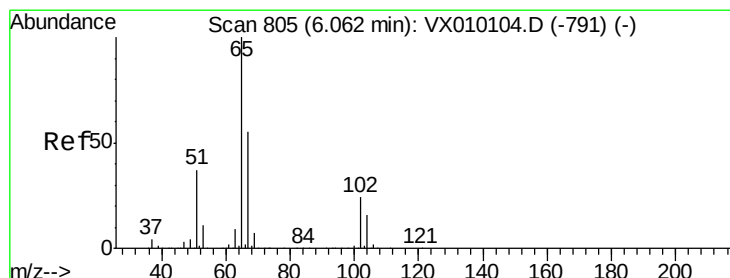
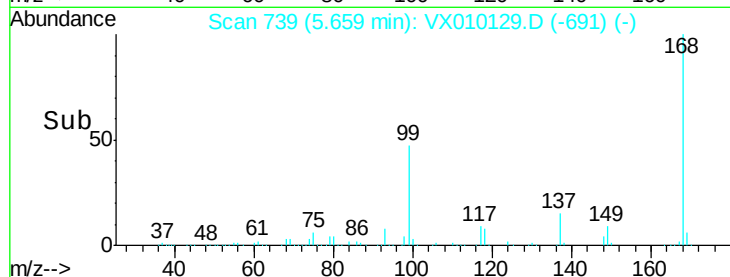
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.287 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010129.D

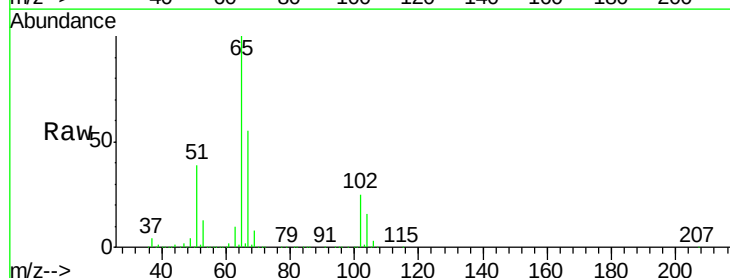
Acq: 07 Jun 2019 23:18

Tgt Ion: 65 Resp: 133447

Ion Ratio Lower Upper

65 100

67 54.4 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

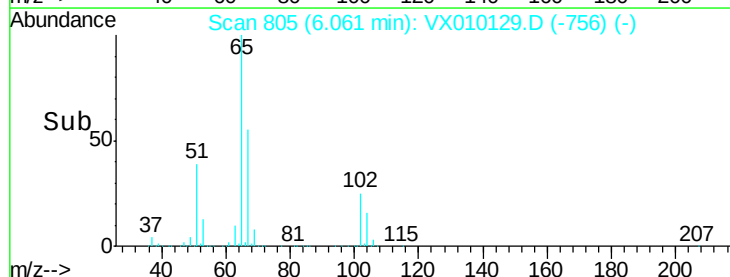
30000

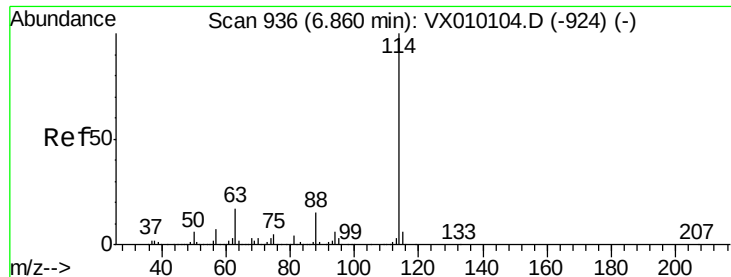
20000

10000

0

Time--> 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: VX010129.D

Acq: 07 Jun 2019 23:18

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20190605

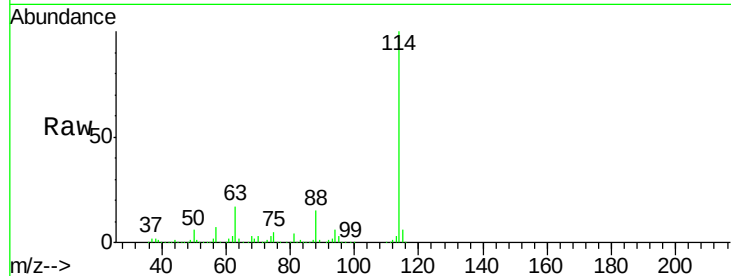
Tot Ion:114 Resp: 441273

Ion Ratio Lower Upper

114 100

63 17.2 0.0 47.4

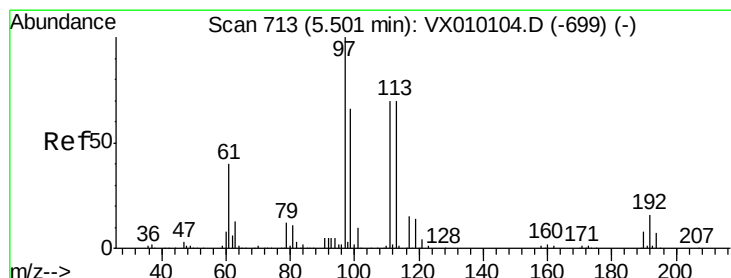
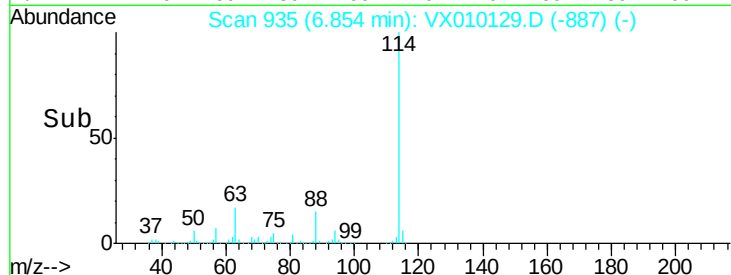
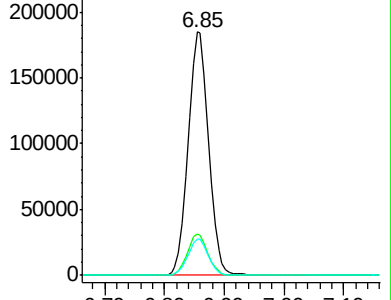
88 15.0 0.0 33.0



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: 49.986 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010129.D

Acq: 07 Jun 2019 23:18

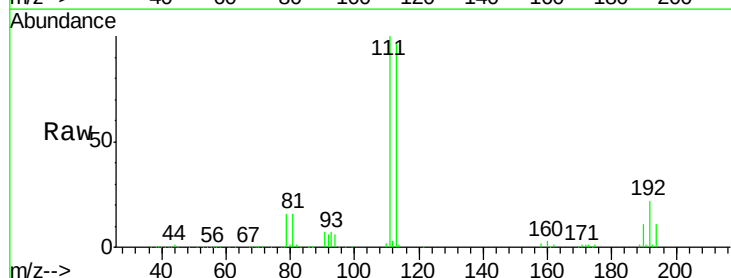
Tgt Ion:113 Resp: 136056

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

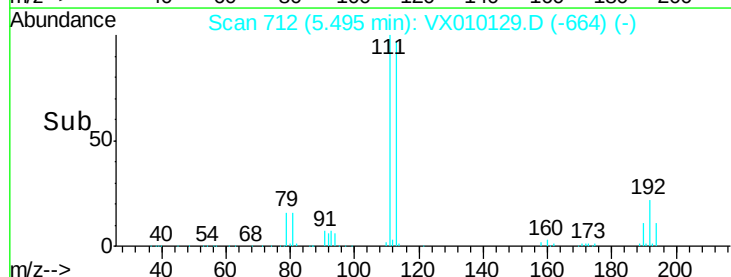
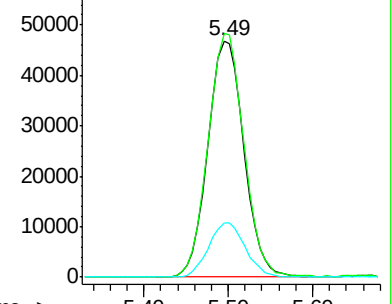
192 23.2 17.1 25.7

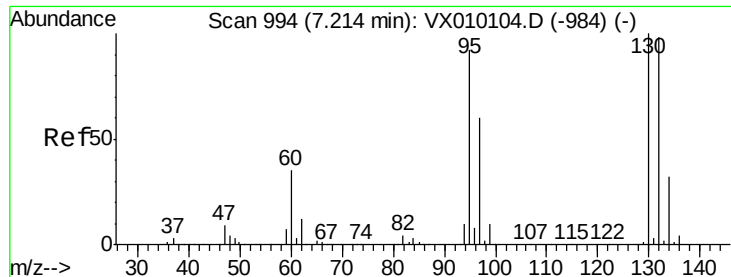


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.536 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010129.D

Acq: 07 Jun 2019 23:18

Instrument :

MSVOA_X

ClientSampleId :

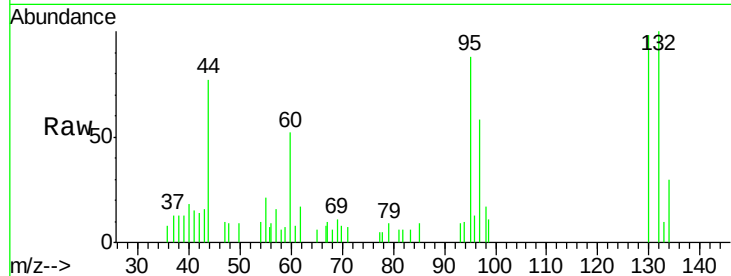
BPS1-TT-MW309S-20190605

Tot Ion:130 Resp: 1797

Ion Ratio Lower Upper

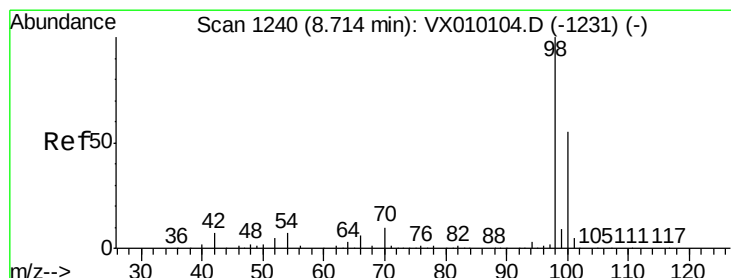
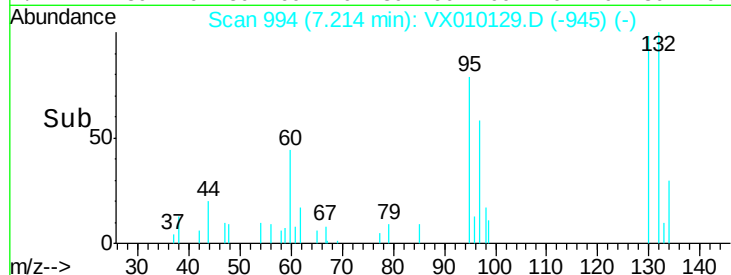
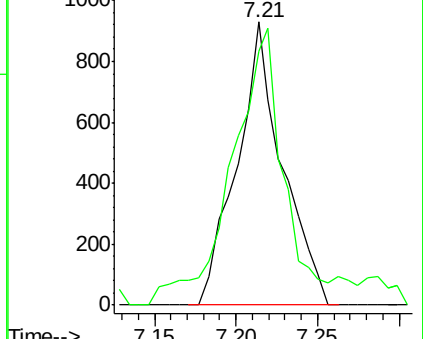
130 100

95 80.9 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.847 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010129.D

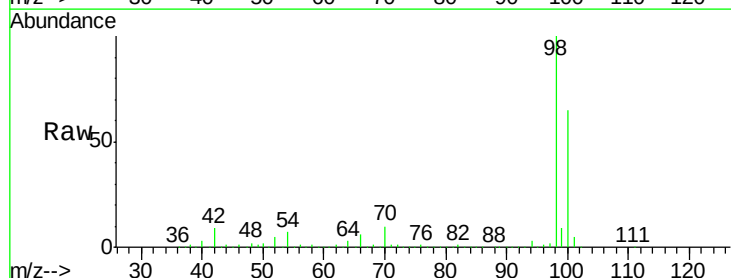
Acq: 07 Jun 2019 23:18

Tgt Ion: 98 Resp: 518694

Ion Ratio Lower Upper

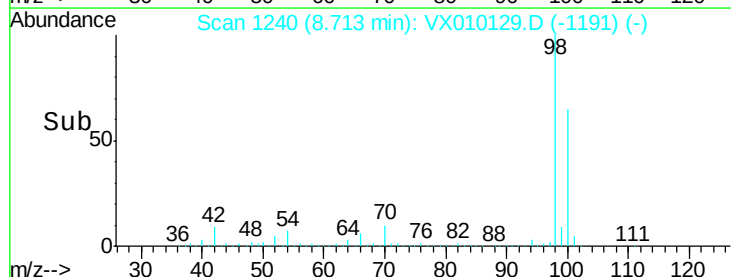
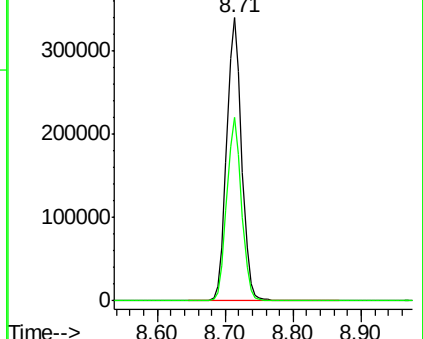
98 100

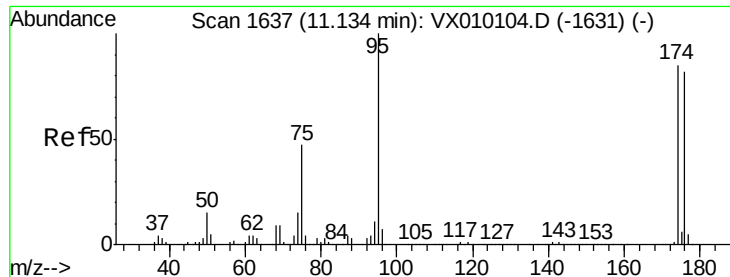
100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.776 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010129.D

Acq: 07 Jun 2019 23:18

Instrument :

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ClientSampleId :

BPS1-TT-MW309S-20190605

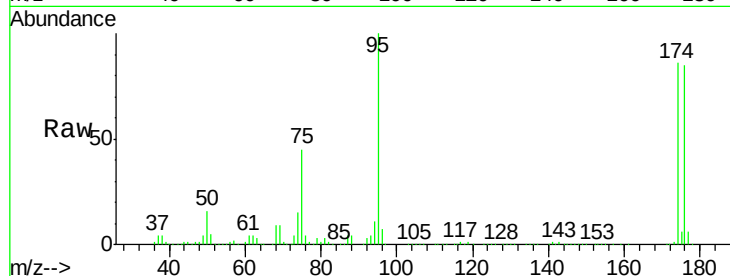
Tot Ion: 95 Resp: 185824

Ion Ratio Lower Upper

95 100

174 90.2 0.0 160.4

176 88.6 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)

11.13

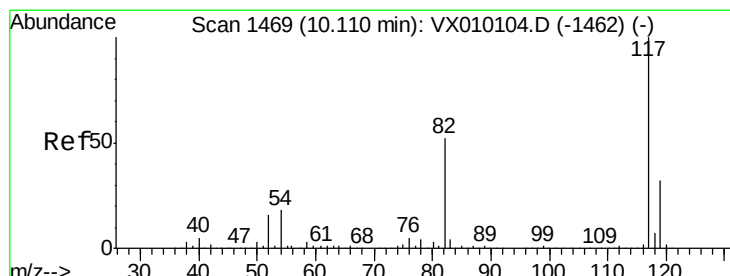
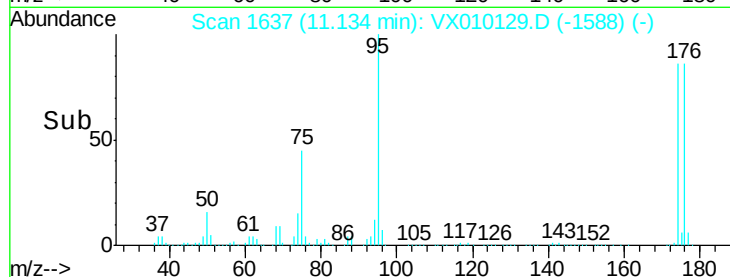
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010129.D

Acq: 07 Jun 2019 23:18

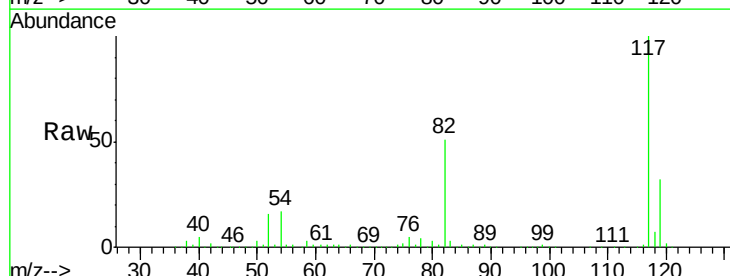
Tgt Ion: 117 Resp: 398862

Ion Ratio Lower Upper

117 100

82 51.0 49.2 73.8

119 32.0 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)

10.11

400000

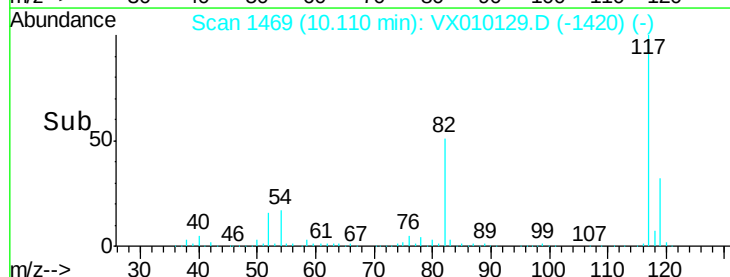
300000

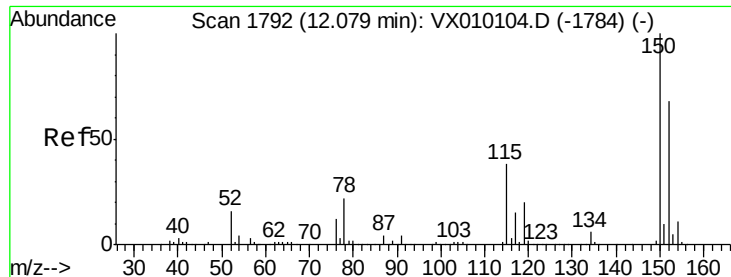
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010129.D

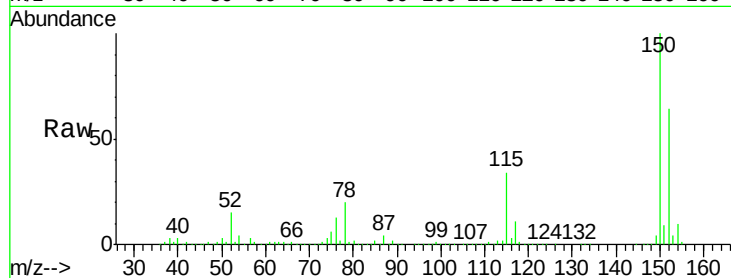
Acq: 07 Jun 2019 23:18

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20190605



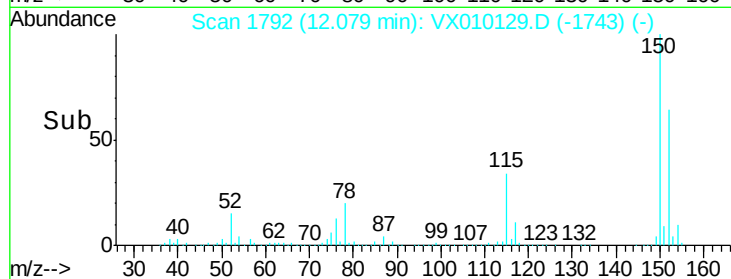
Tot Ion:152 Resp: 190441

Ion Ratio Lower Upper

152 100

115 54.9 41.4 124.2

150 156.7 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

