

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010175.D
 Acq On : 10 Jun 2019 14:12
 Operator : JC/SP
 Sample : K3249-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302S-20190606

Quant Time: Jun 11 07:15:23 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

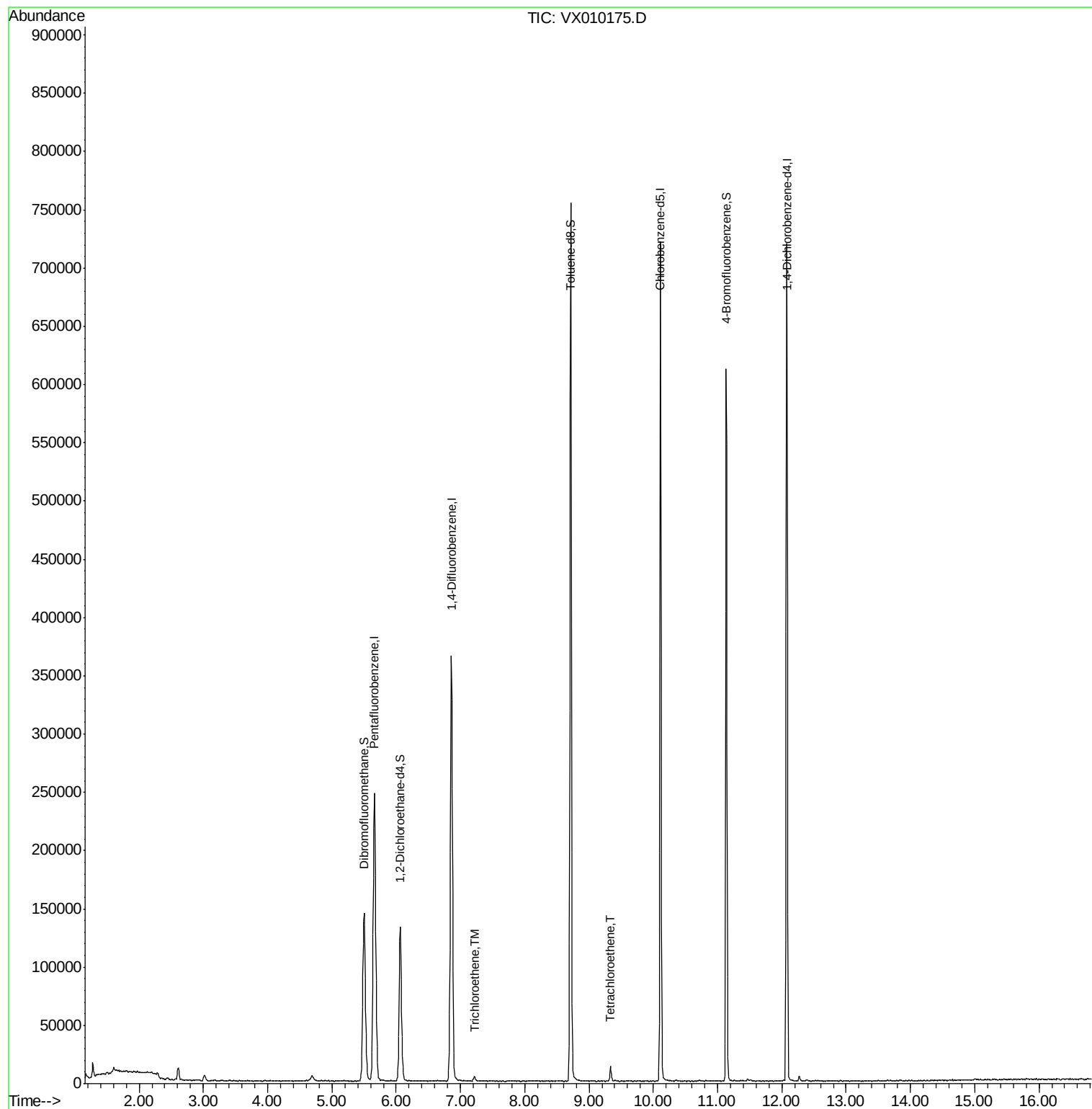
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	267408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	407143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	358422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119916	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
35) Dibromofluoromethane	5.50	113	123373	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	471774	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.13	95	159844	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.94%	
Target Compounds						
44) Trichloroethene	7.21	130	1475	0.476	ug/l	75
64) Tetrachloroethene	9.34	164	2382	0.895	ug/l #	92

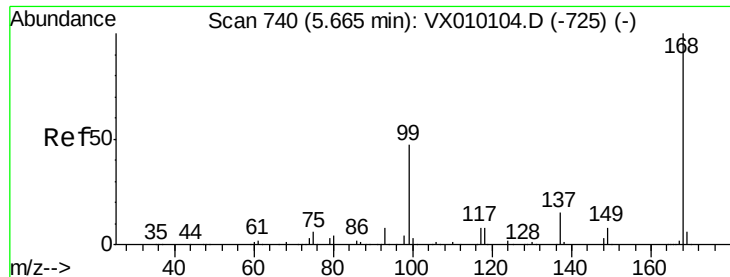
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010175.D

Acq: 10 Jun 2019 14:12

Instrument :

MSVOA_X

ClientSampleId :

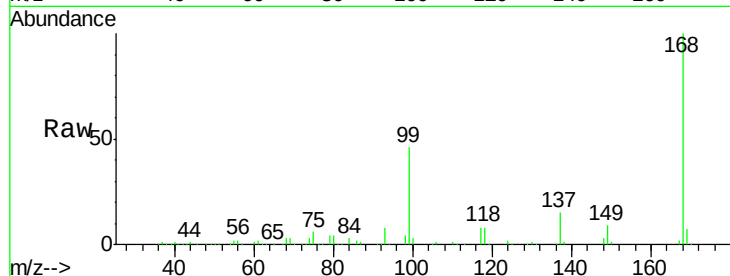
BPS1-TT-MW302S-20190606

Tot Ion:168 Resp: 267408

Ion Ratio Lower Upper

168 100

99 45.7 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

100000

80000

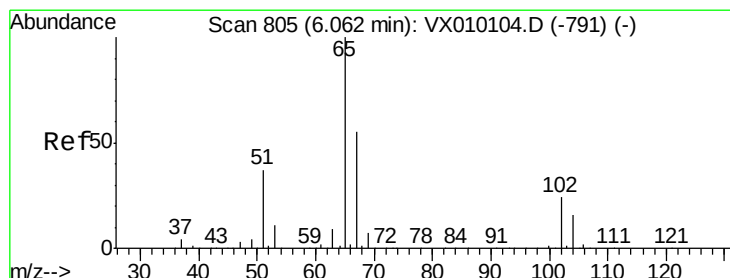
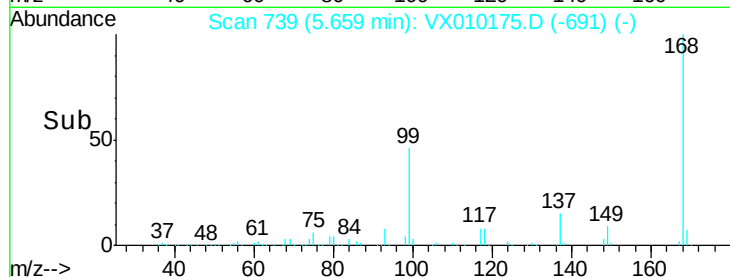
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 45.941 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010175.D

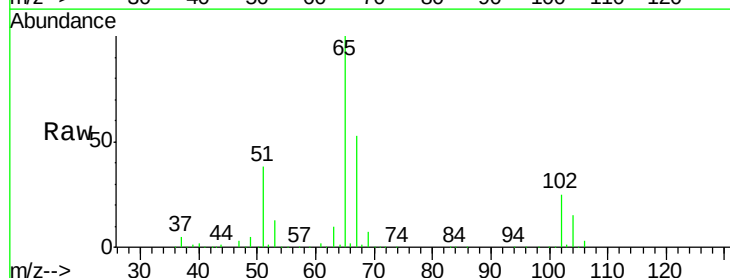
Acq: 10 Jun 2019 14:12

Tgt Ion: 65 Resp: 119916

Ion Ratio Lower Upper

65 100

67 54.9 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

50000

40000

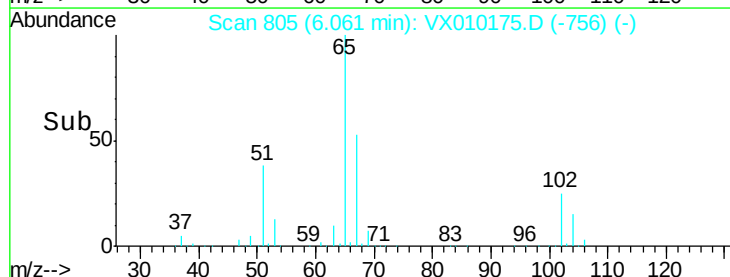
30000

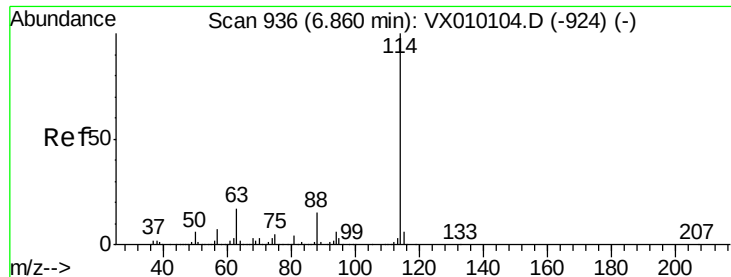
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010175.D

Acq: 10 Jun 2019 14:12

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW302S-20190606

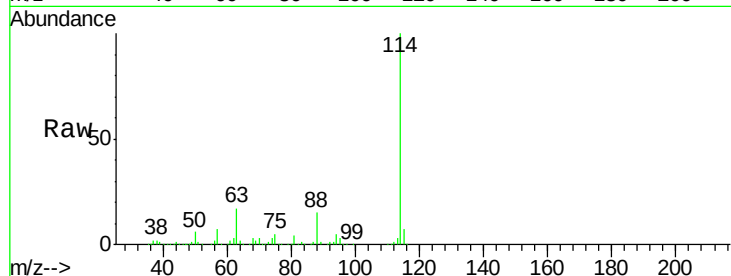
Tot Ion:114 Resp: 407143

Ion Ratio Lower Upper

114 100

63 16.9 0.0 47.4

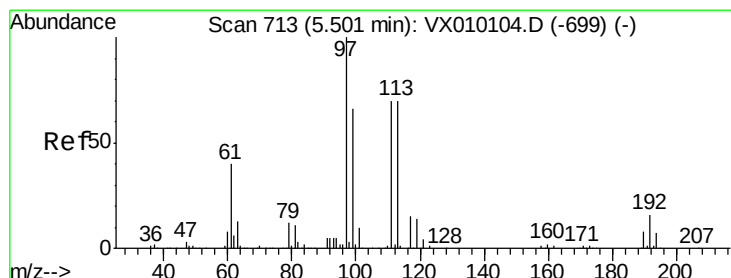
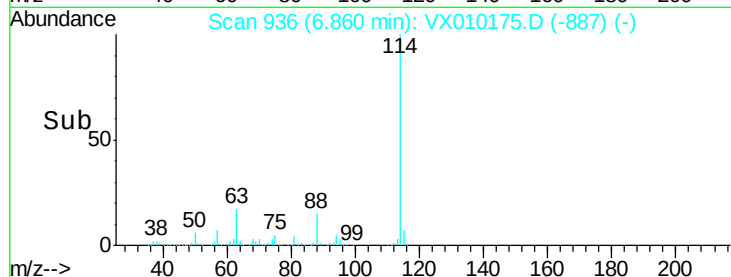
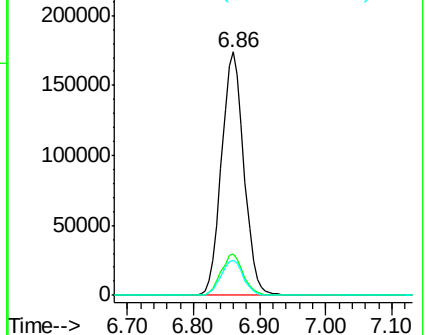
88 14.6 0.0 33.0



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: 49.126 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010175.D

Acq: 10 Jun 2019 14:12

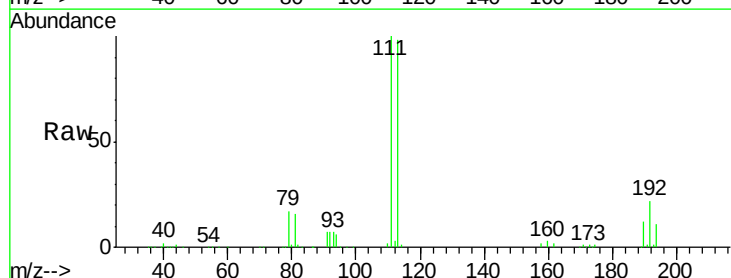
Tgt Ion:113 Resp: 123373

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

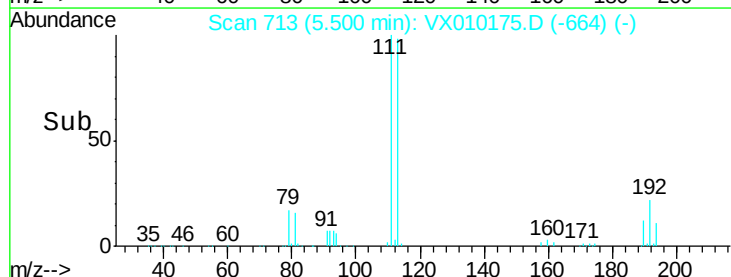
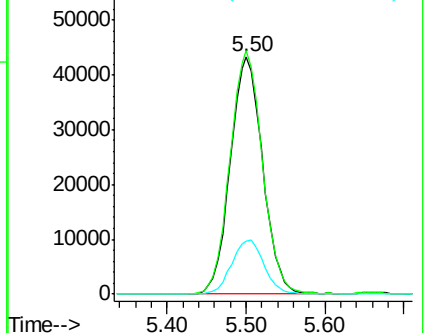
192 22.9 17.1 25.7

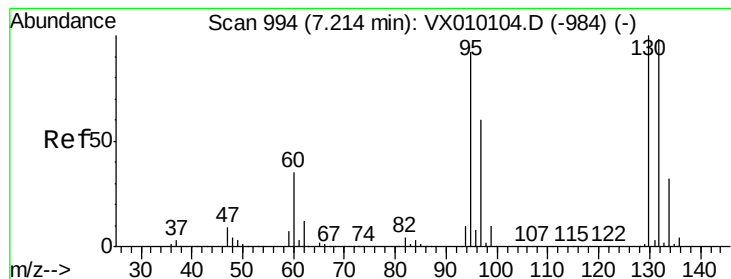


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.476 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010175.D

Acq: 10 Jun 2019 14:12

Instrument :

MSVOA_X

ClientSampleId :

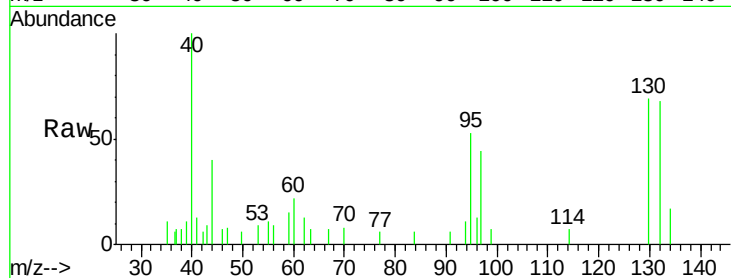
BPS1-TT-MW302S-20190606

Tot Ion:130 Resp: 1475

Ion Ratio Lower Upper

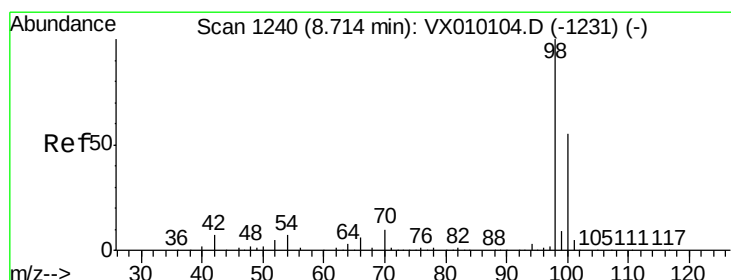
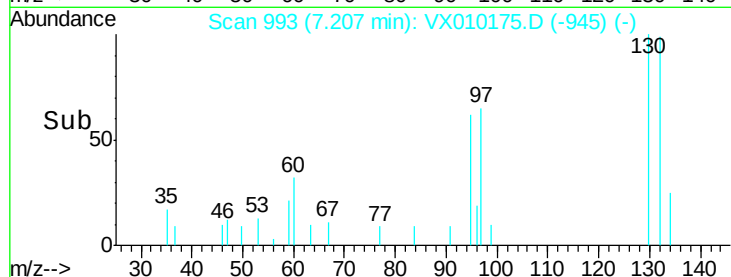
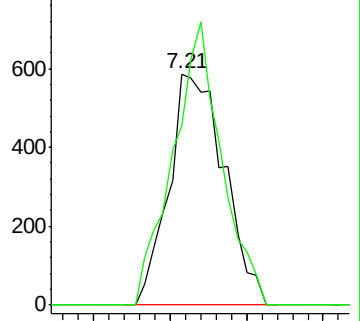
130 100

95 77.7 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: 50.124 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010175.D

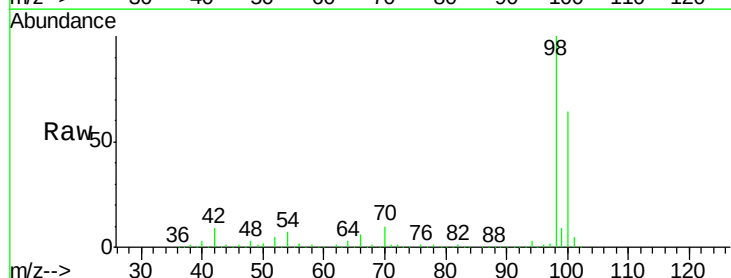
Acq: 10 Jun 2019 14:12

Tgt Ion: 98 Resp: 471774

Ion Ratio Lower Upper

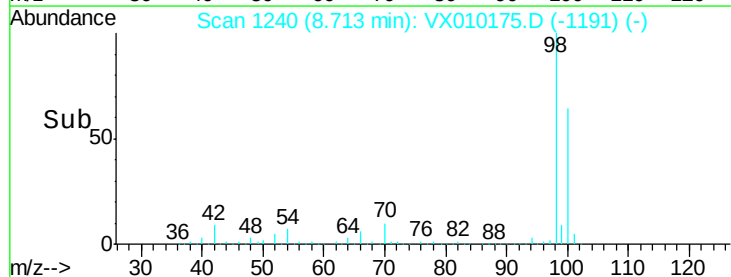
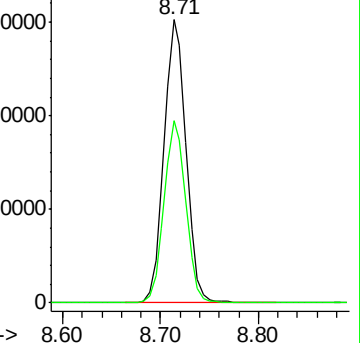
98 100

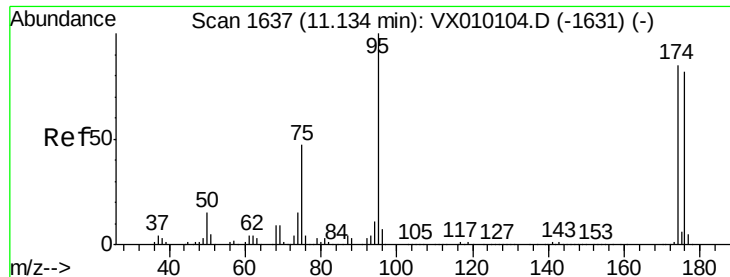
100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.474 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010175.D

Acq: 10 Jun 2019 14:12

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW302S-20190606

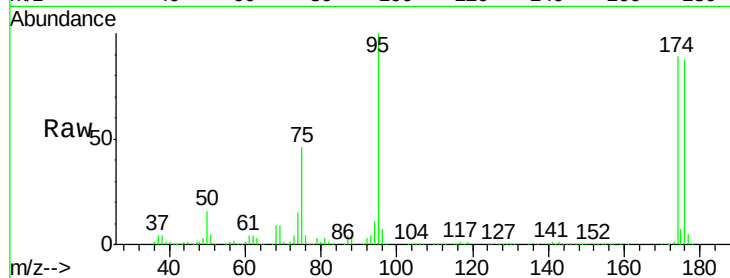
Tot Ion: 95 Resp: 159844

Ion Ratio Lower Upper

95 100

174 93.9 0.0 160.4

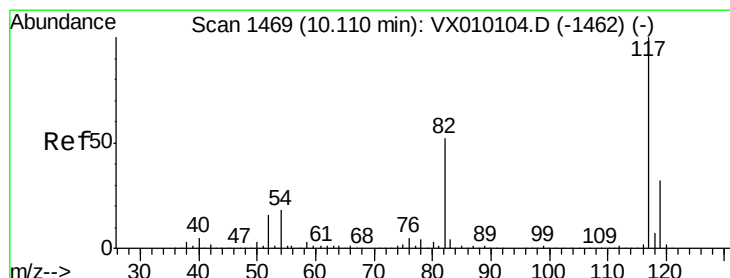
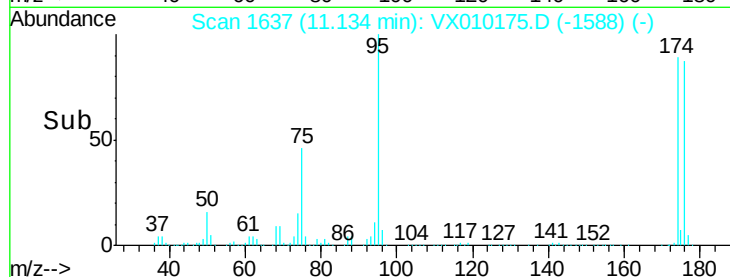
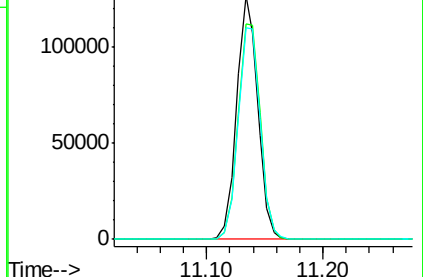
176 91.4 0.0 154.6



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010175.D

Acq: 10 Jun 2019 14:12

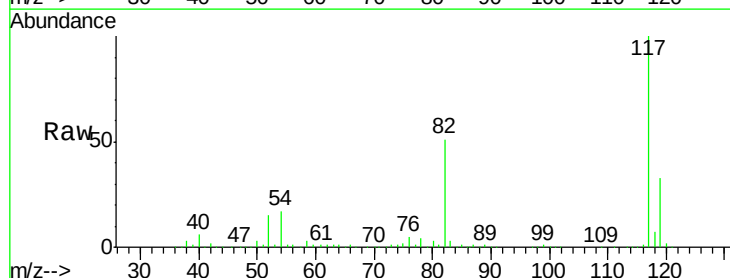
Tgt Ion: 117 Resp: 358422

Ion Ratio Lower Upper

117 100

82 50.6 49.2 73.8

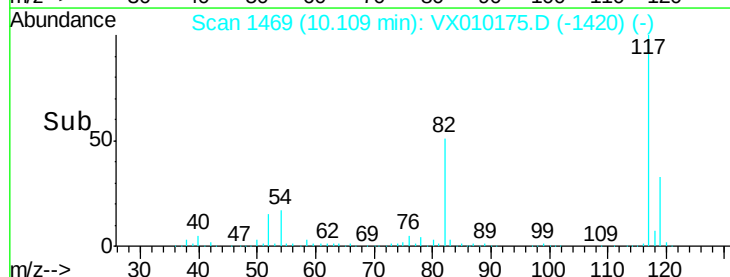
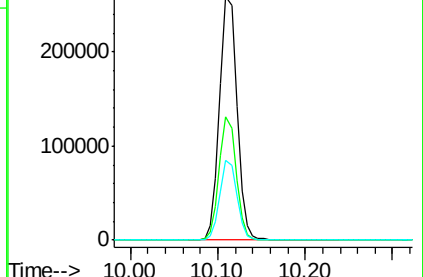
119 32.6 25.2 37.8

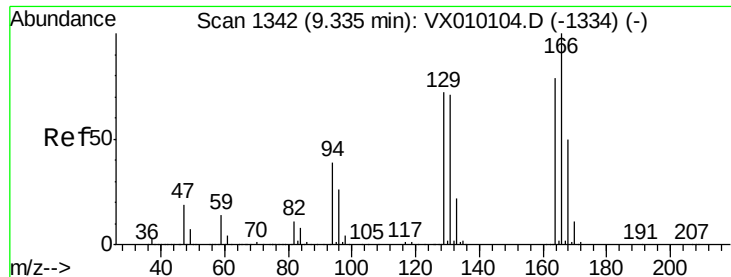


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

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

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

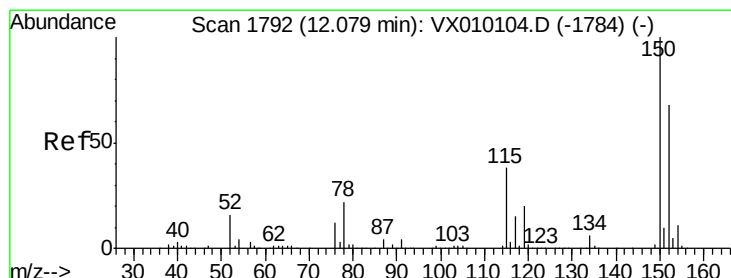
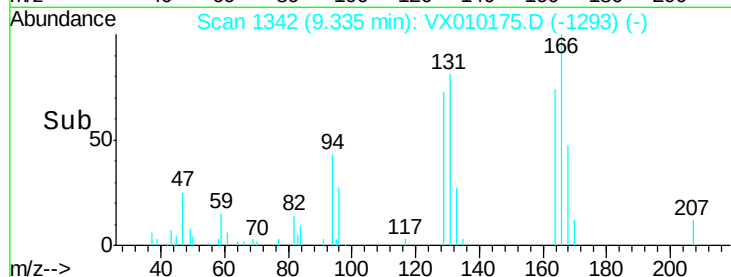
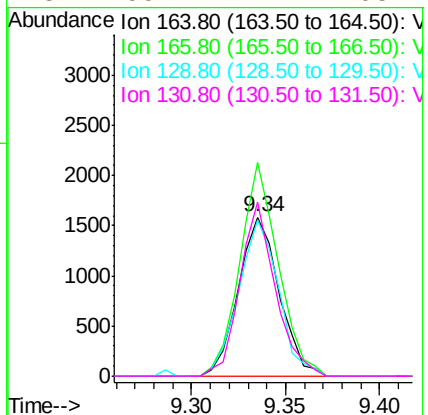
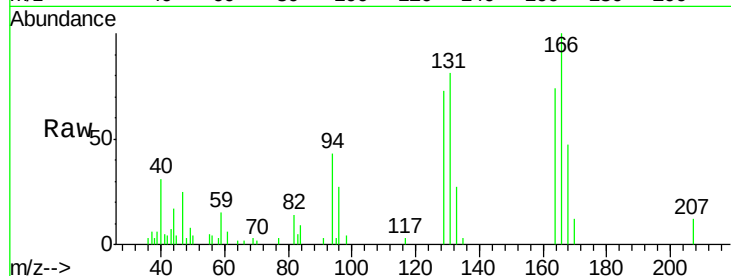




#64
Tetrachloroethene
Concen: 0.895 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010175.D
Acq: 10 Jun 2019 14:12

Instrument :
MSVOA_X
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BPS1-TT-MW302S-20190606

Tot Ion:164 Resp: 2382
Ion Ratio Lower Upper
164 100
166 134.2 105.0 157.4
129 98.0 75.1 112.7
131 109.1 72.2 108.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010175.D
Acq: 10 Jun 2019 14:12

Tgt Ion:152 Resp: 166066
Ion Ratio Lower Upper
152 100
115 54.5 41.4 124.2
150 157.0 0.0 345.2

