

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006892.D
 Acq On : 03 Jan 2019 14:05
 Operator : JC/MD
 Sample : K1029-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B1 123118

Quant Time: Jan 04 04:37:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

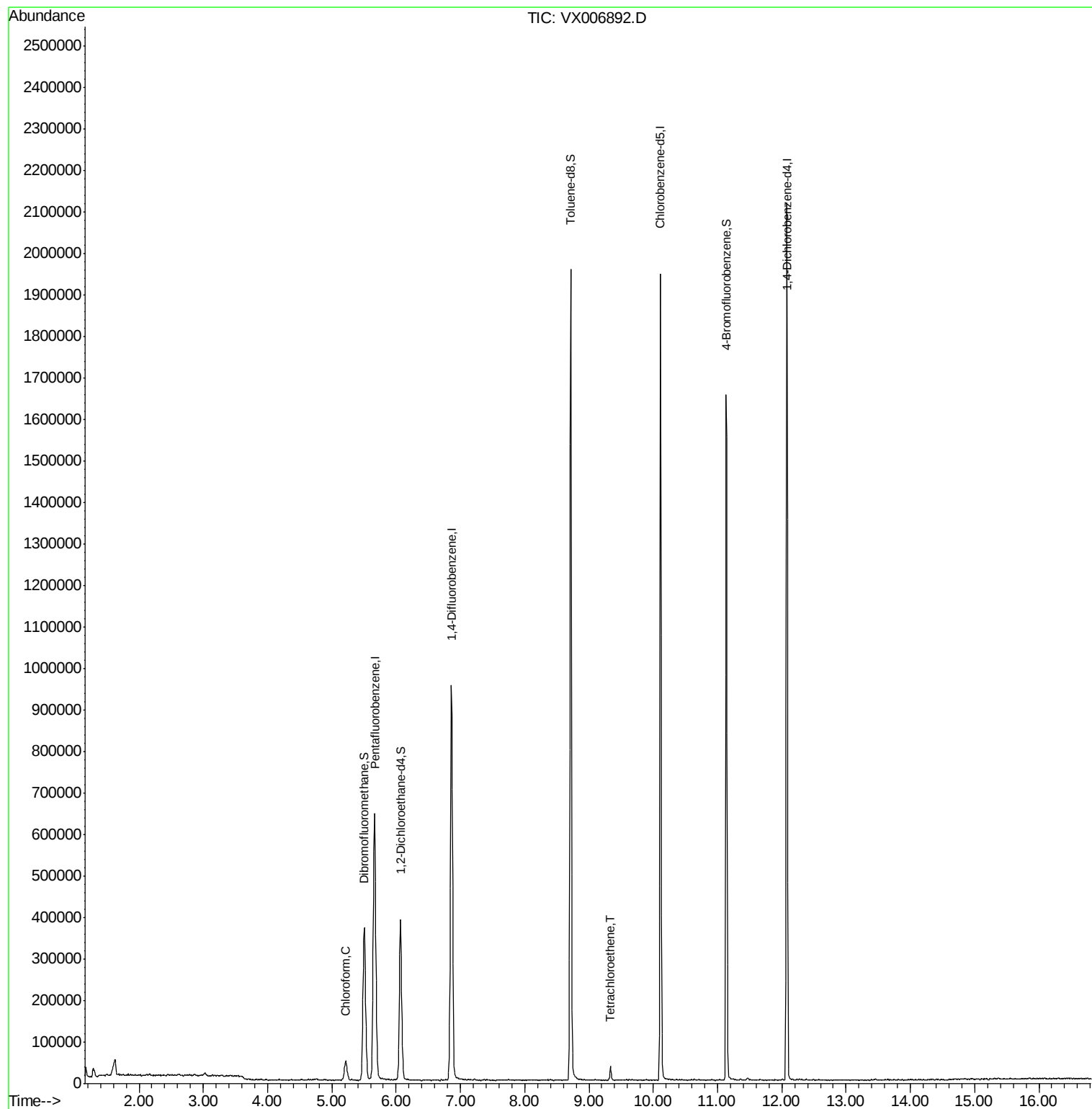
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	676739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1030810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	935481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	451924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	353918	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	5.51	113	311791	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
50) Toluene-d8	8.71	98	1198683	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.13	95	426265	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
Target Compounds						
30) Chloroform	5.21	83	54723	4.754	ug/l	93
64) Tetrachloroethene	9.33	164	6049	0.817	ug/l	89

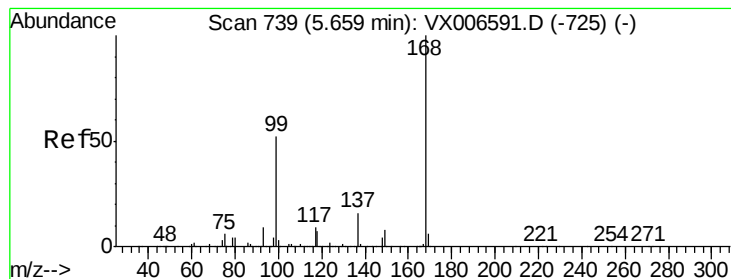
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006892.D

Acq: 03 Jan 2019 14:05

Instrument :

MSVOA_X

ClientSampled :

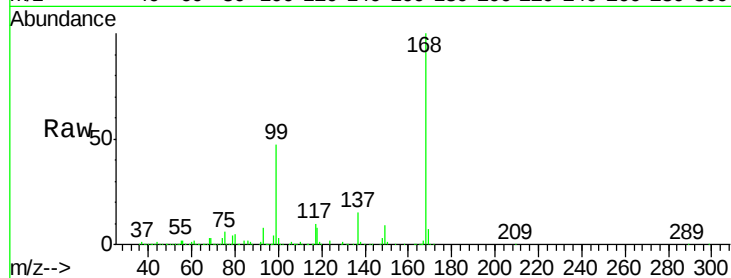
B1 123118

Tot Ion:168 Resp: 676739

Ion Ratio Lower Upper

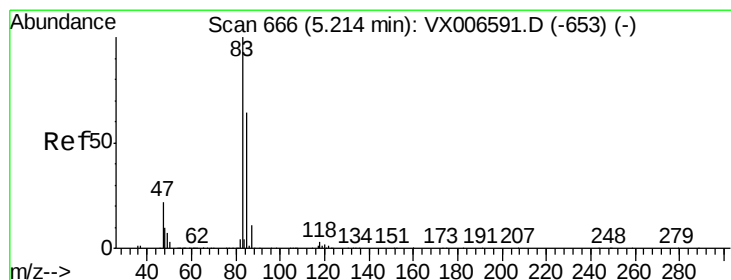
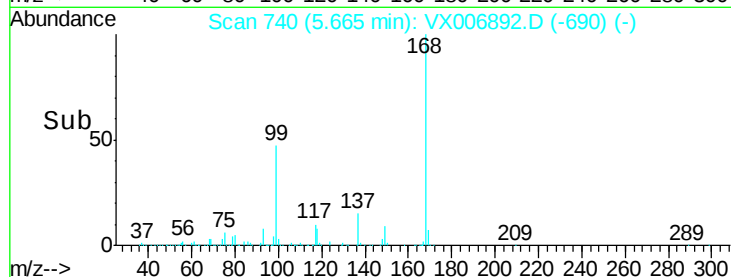
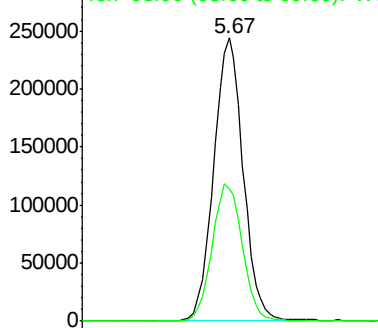
168 100

99 46.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#30

Chloroform

Concen: 4.754 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006892.D

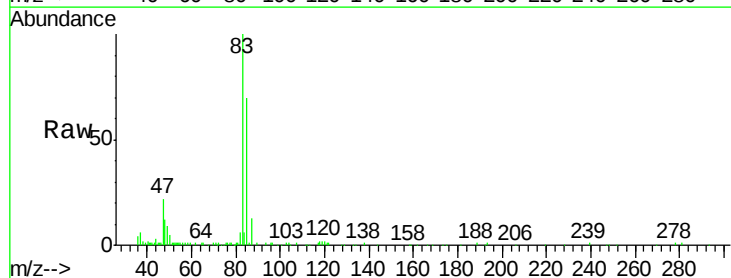
Acq: 03 Jan 2019 14:05

Tgt Ion: 83 Resp: 54723

Ion Ratio Lower Upper

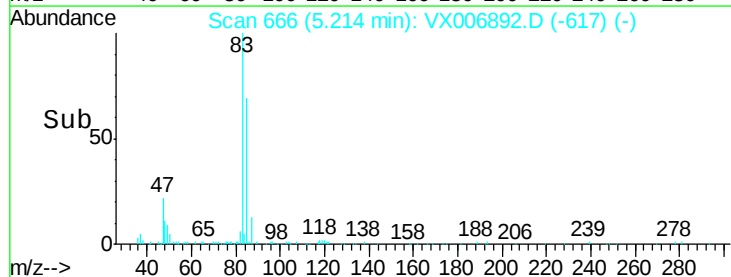
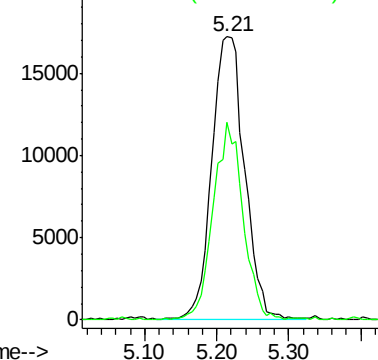
83 100

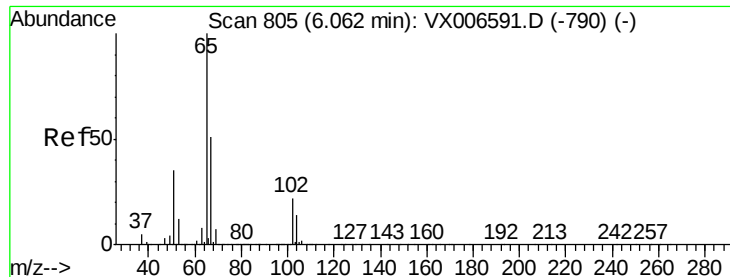
85 69.7 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.524 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006892.D

Acq: 03 Jan 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

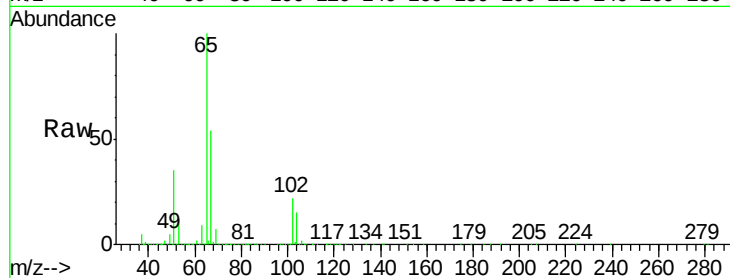
B1 123118

Tot Ion: 65 Resp: 353918

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

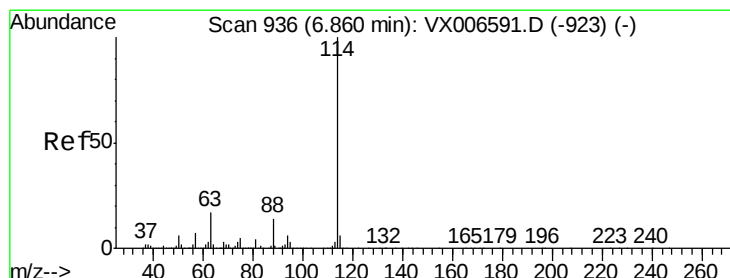
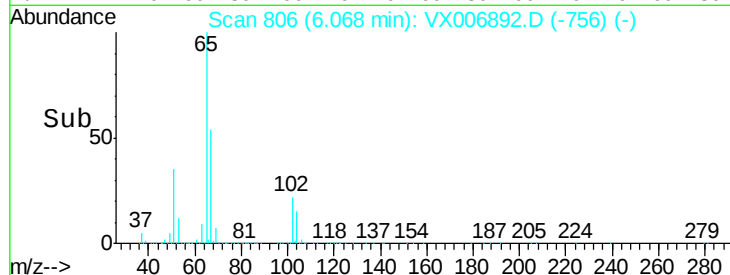
100000

50000

0

Time-->

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: VX006892.D

Acq: 03 Jan 2019 14:05

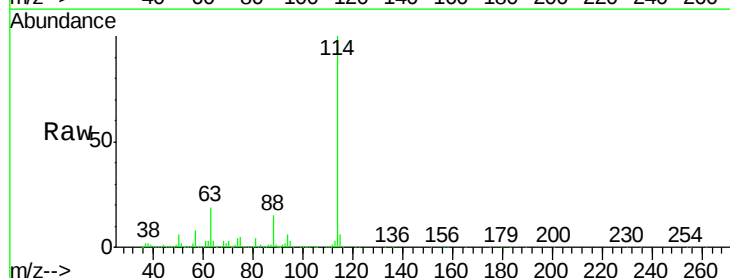
Tgt Ion: 114 Resp: 1030810

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

88 15.1 0.0 28.8



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

6.86

600000

500000

400000

300000

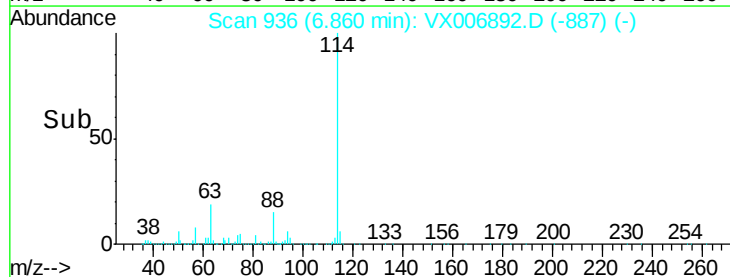
200000

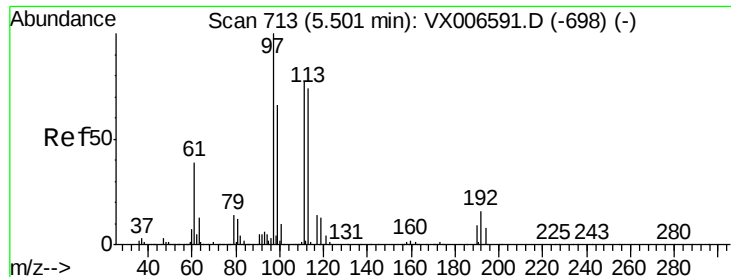
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.831 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006892.D

Acq: 03 Jan 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

B1_123118

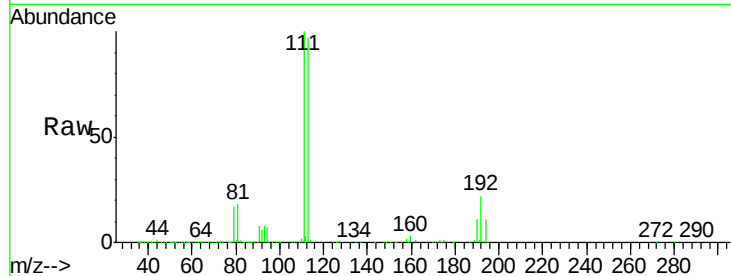
Tot Ion:113 Resp: 311791

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

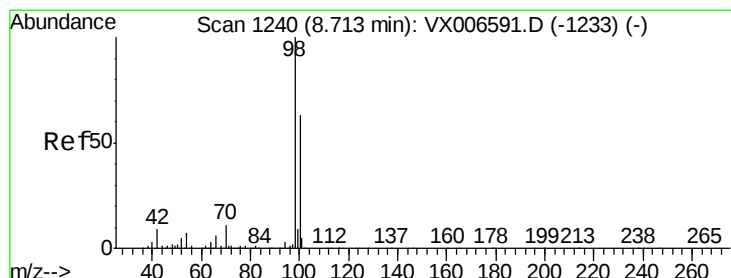
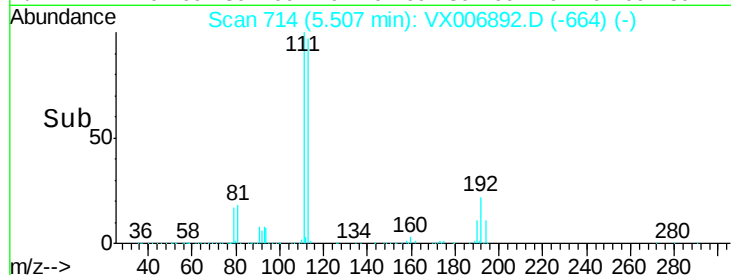
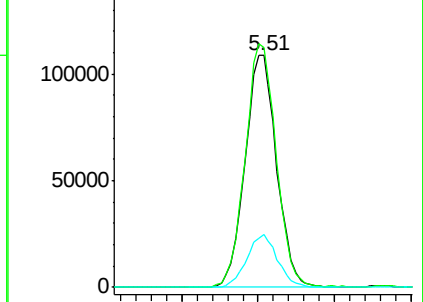
192 22.1 16.7 25.1



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: 48.775 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006892.D

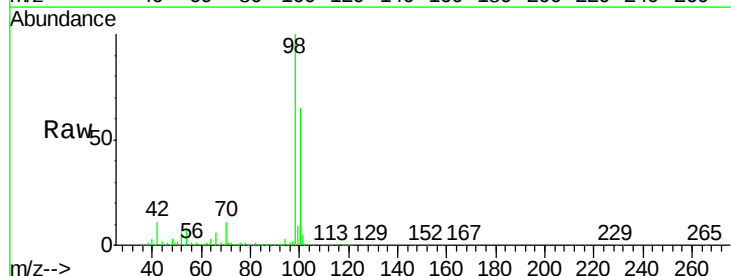
Acq: 03 Jan 2019 14:05

Tgt Ion: 98 Resp: 1198683

Ion Ratio Lower Upper

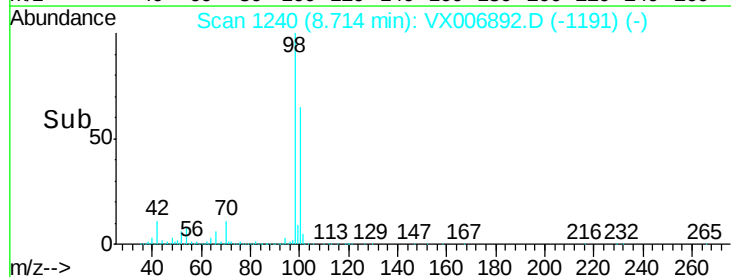
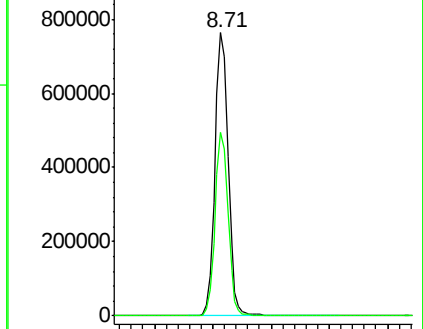
98 100

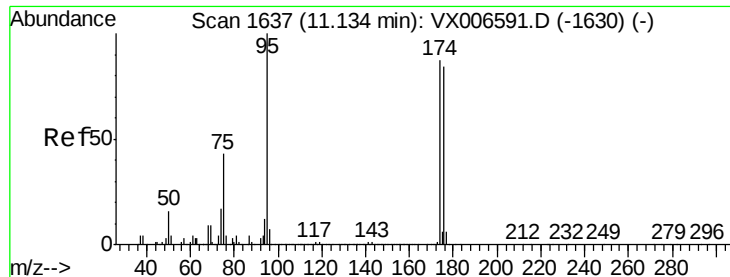
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.360 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006892.D

Acq: 03 Jan 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

B1_123118

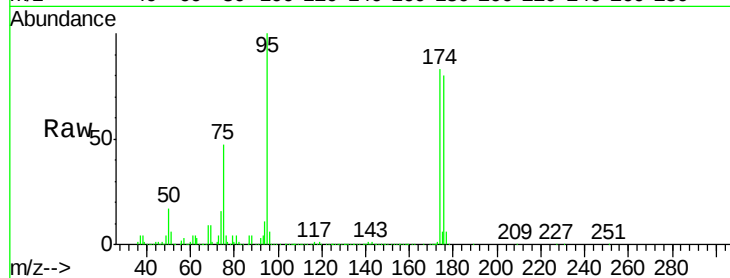
Tot Ion: 95 Resp: 426265

Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.2

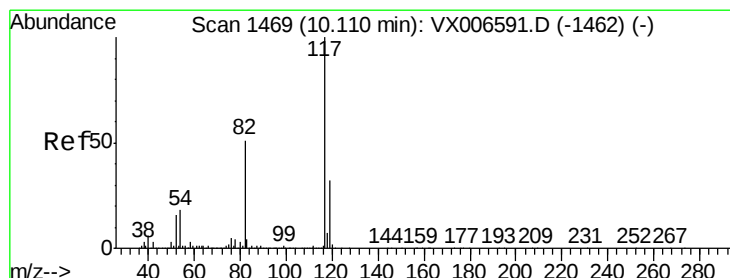
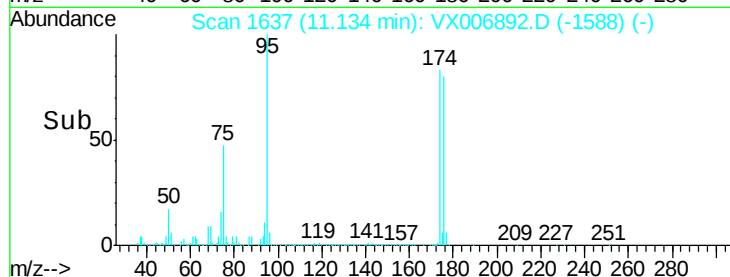
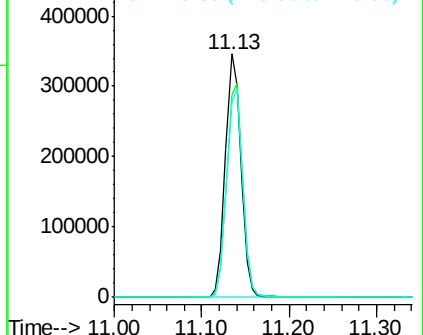
176 88.8 0.0 178.8



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: VX006892.D

Acq: 03 Jan 2019 14:05

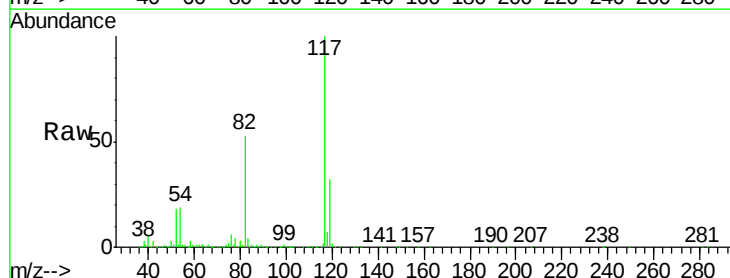
Tgt Ion: 117 Resp: 935481

Ion Ratio Lower Upper

117 100

82 52.5 41.0 61.6

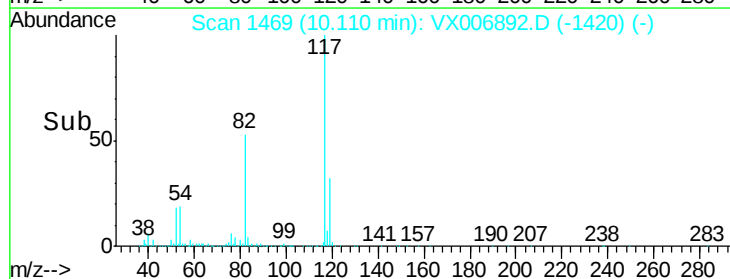
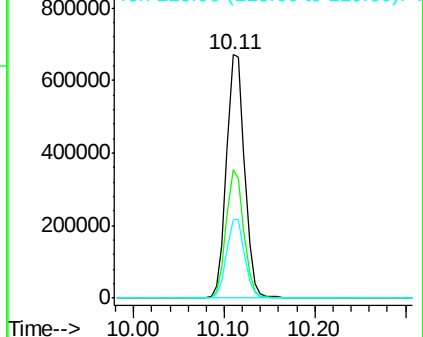
119 32.1 25.4 38.0

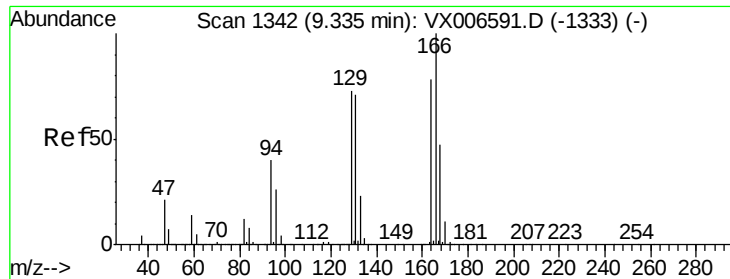


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

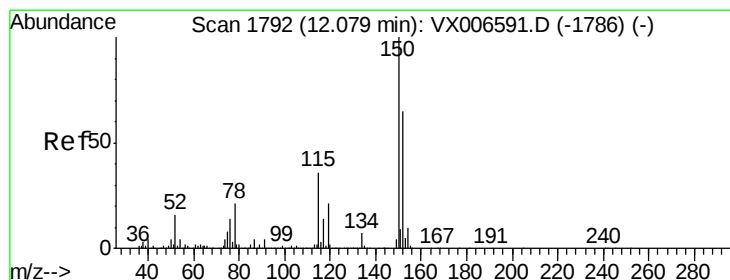
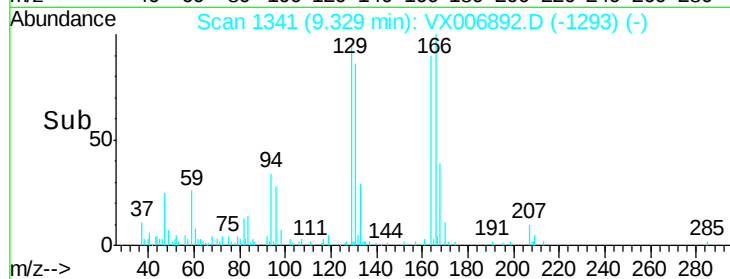
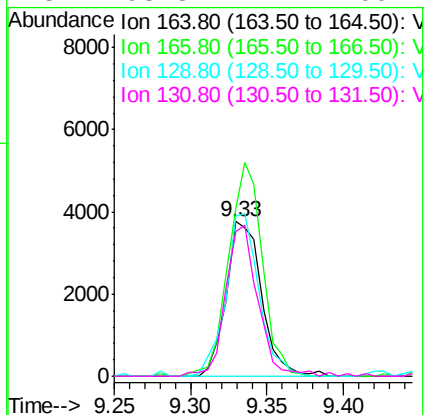
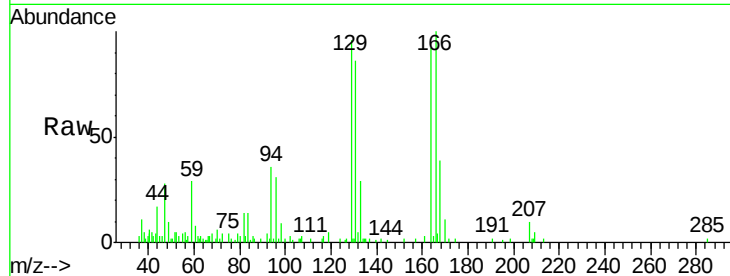




#64
Tetrachloroethene
Concen: 0.817 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX006892.D
Acq: 03 Jan 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
B1 123118

Tot Ion:164 Resp: 6049
Ion Ratio Lower Upper
164 100
166 108.3 102.5 153.7
129 103.7 75.1 112.7
131 93.3 72.7 109.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006892.D
Acq: 03 Jan 2019 14:05

Tgt Ion:152 Resp: 451924
Ion Ratio Lower Upper
152 100
115 54.6 39.1 117.2
150 155.1 0.0 344.8

