

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006615.D
 Acq On : 18 Dec 2018 23:51
 Operator : JC/MD
 Sample : J6405-12DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20181210DL

Quant Time: Dec 19 07:18:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

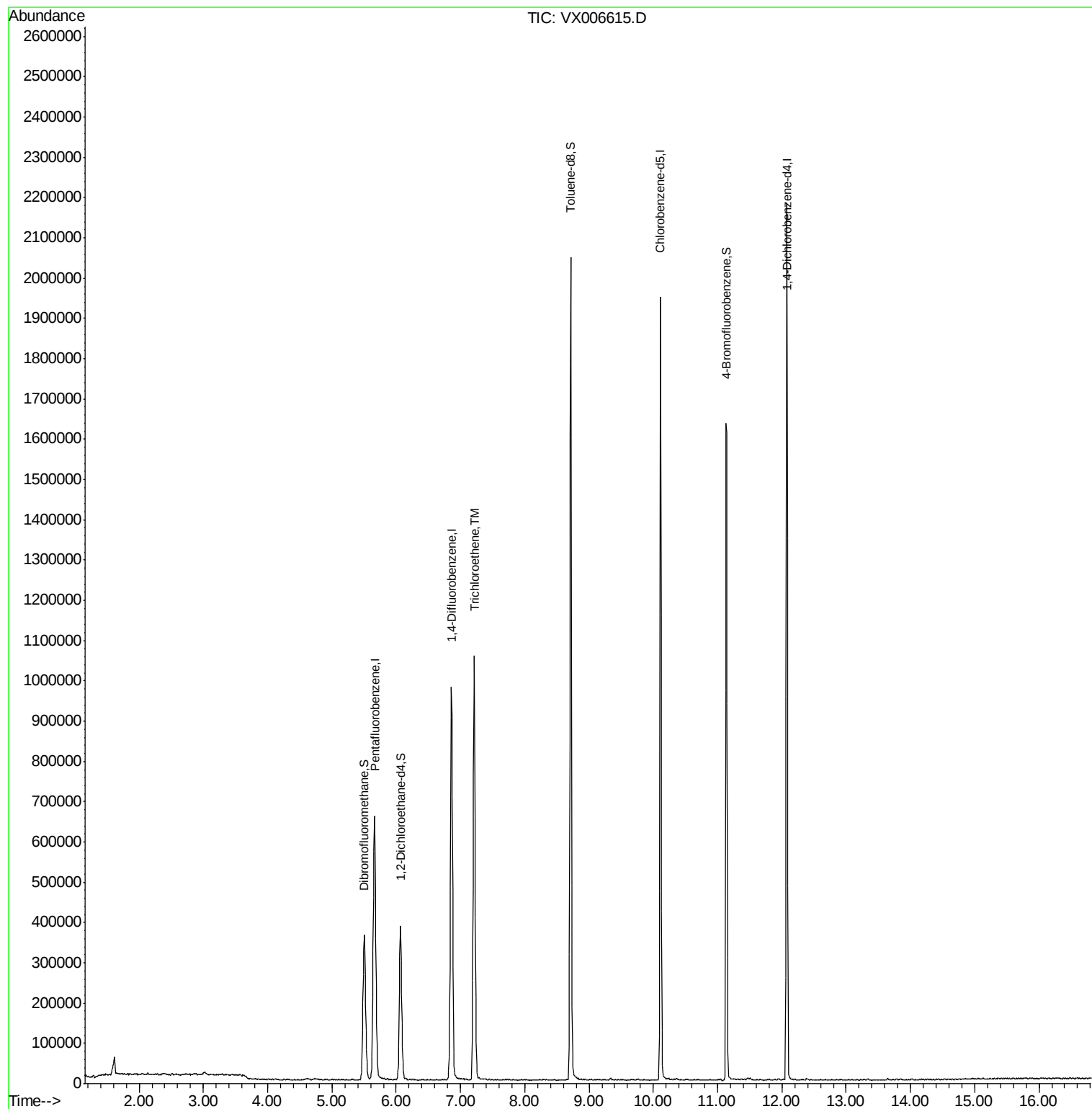
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	672283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1054491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	962749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	461588	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	364512	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
35) Dibromofluoromethane	5.50	113	312593	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	8.71	98	1246127	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.13	95	457201	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
Target Compounds						
44) Trichloroethene	7.21	130	417591	51.971	ug/l	Qvalue 95

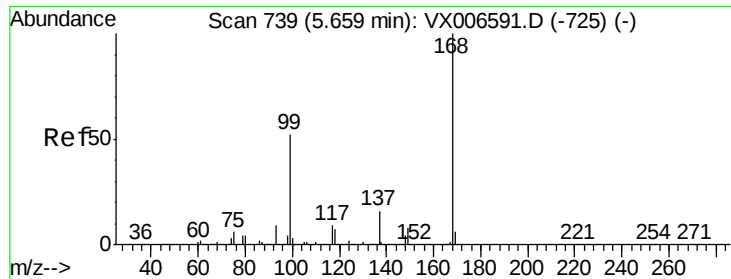
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006615.D

Acq: 18 Dec 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

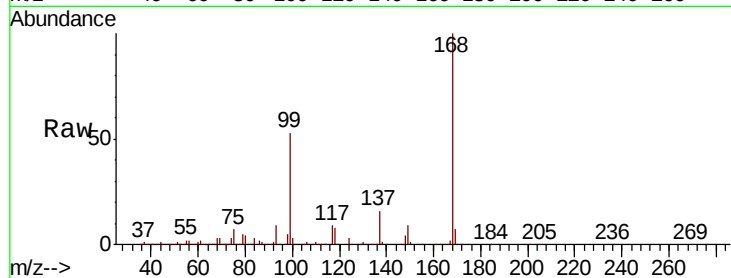
DUP04-20181210DL

Tot Ion:168 Resp: 672283

Ion Ratio Lower Upper

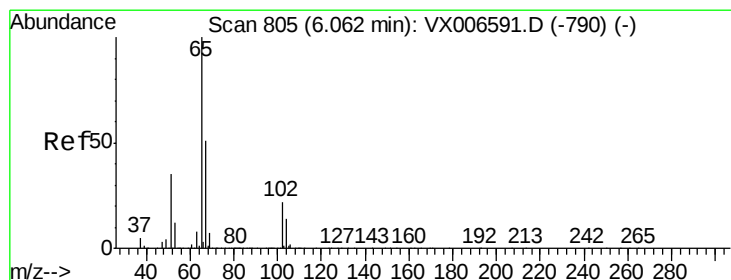
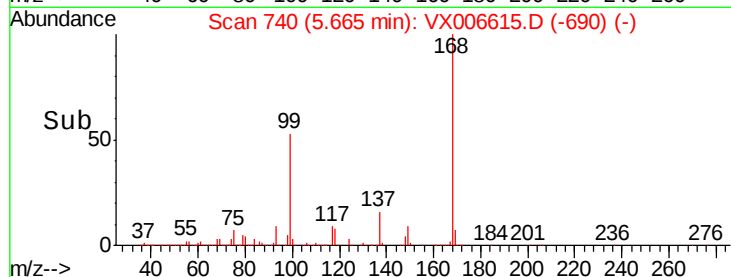
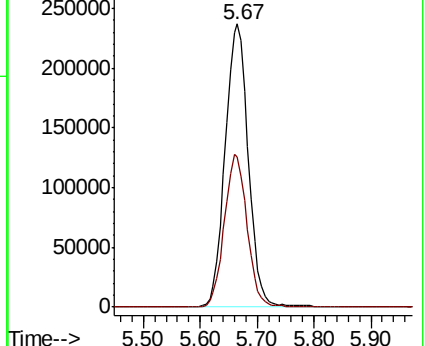
168 100

99 53.1 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.308 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006615.D

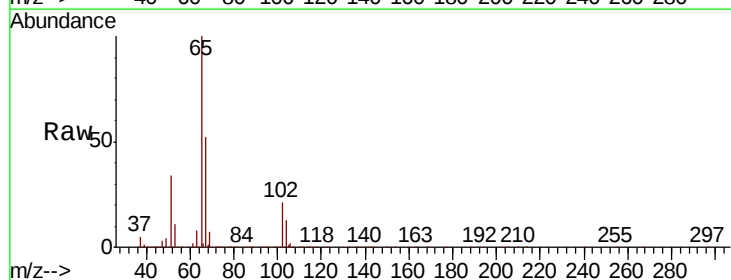
Acq: 18 Dec 2018 23:51

Tgt Ion: 65 Resp: 364512

Ion Ratio Lower Upper

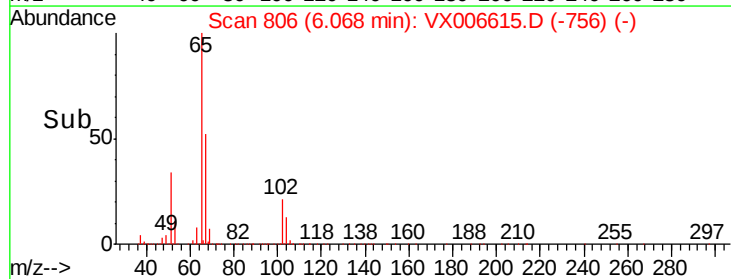
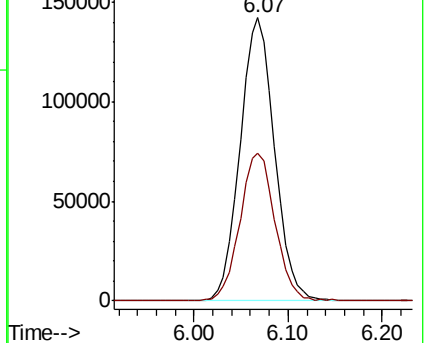
65 100

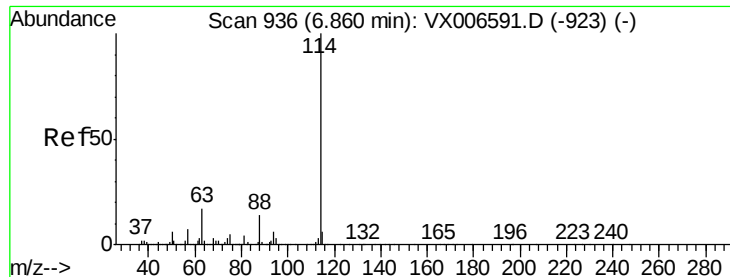
67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006615.D

Acq: 18 Dec 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20181210DL

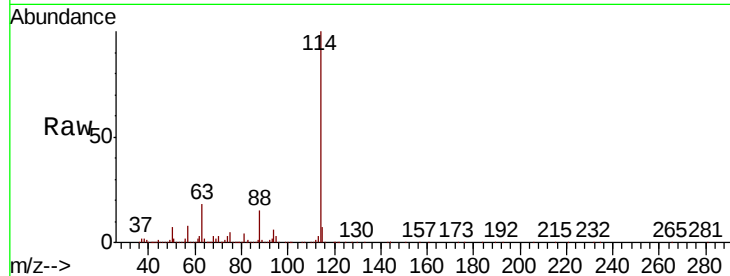
Tot Ion:114 Resp: 1054491

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

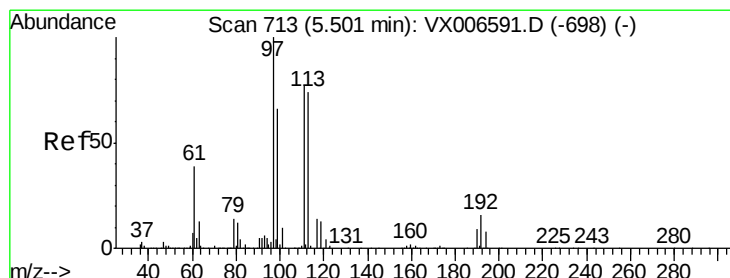
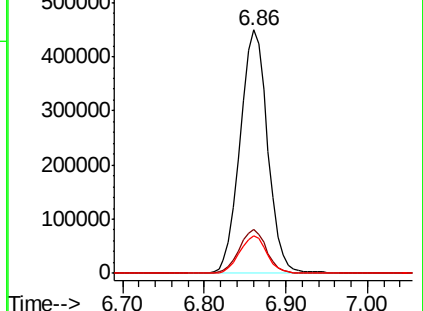
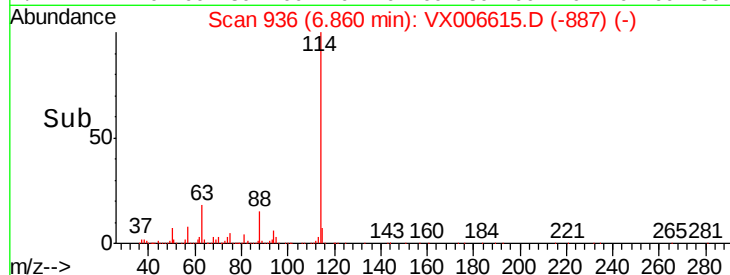
88 15.2 0.0 29.0



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: 46.877 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006615.D

Acq: 18 Dec 2018 23:51

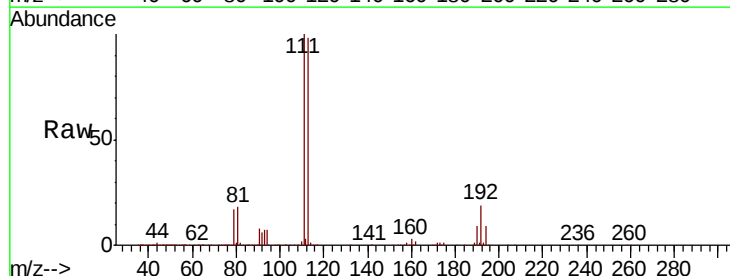
Tgt Ion:113 Resp: 312593

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

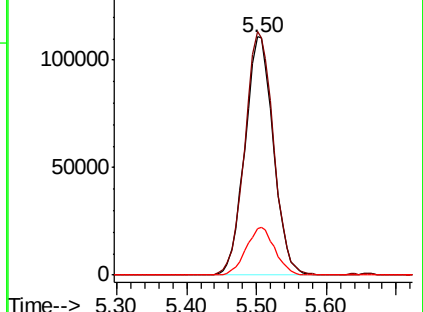
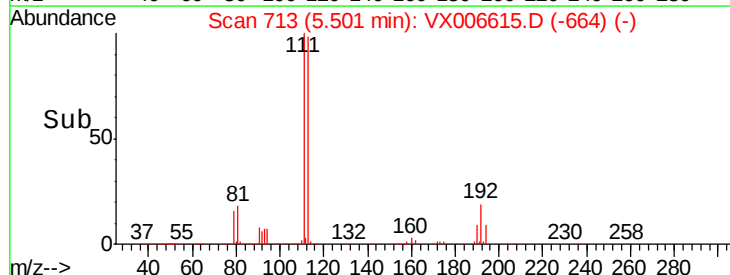
192 20.2 18.2 27.2

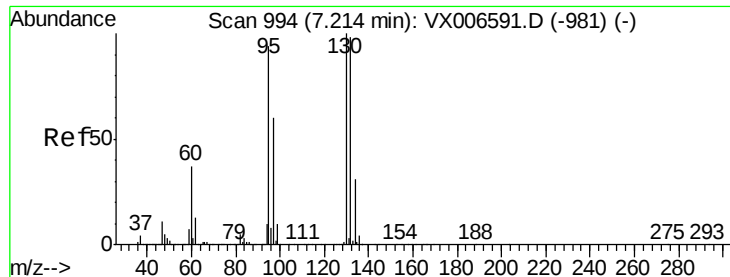


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 51.971 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006615.D

Acq: 18 Dec 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

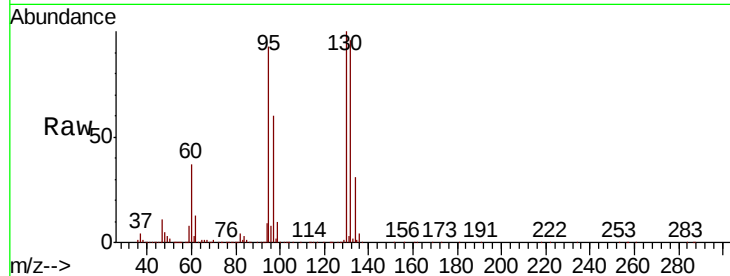
DUP04-20181210DL

Tot Ion:130 Resp: 417591

Ion Ratio Lower Upper

130 100

95 92.6 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

200000

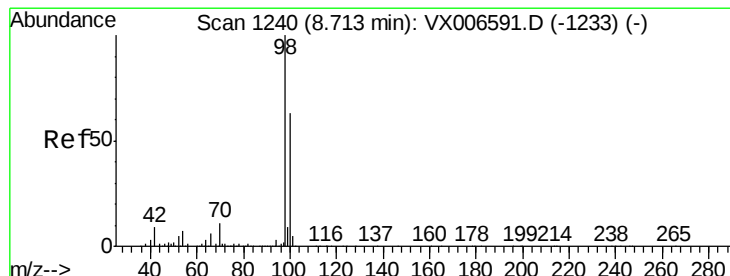
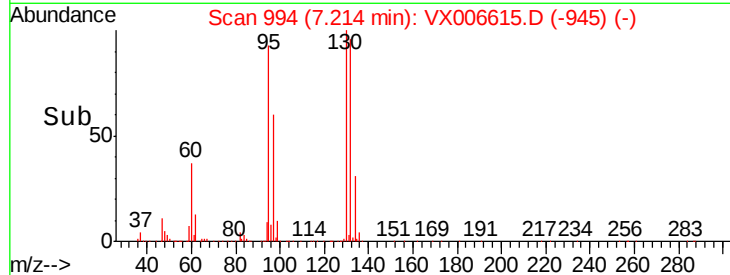
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 49.567 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006615.D

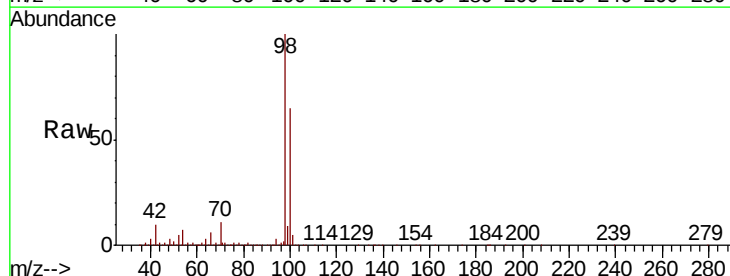
Acq: 18 Dec 2018 23:51

Tgt Ion: 98 Resp: 1246127

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

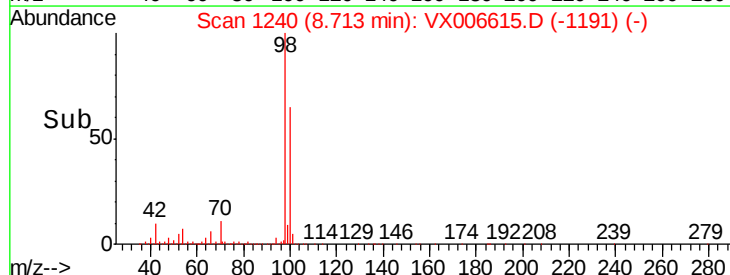
600000

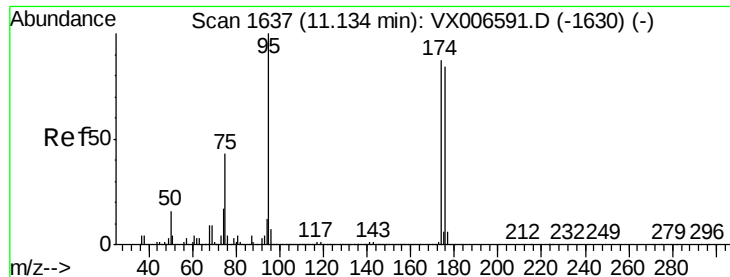
400000

200000

0

Time-->

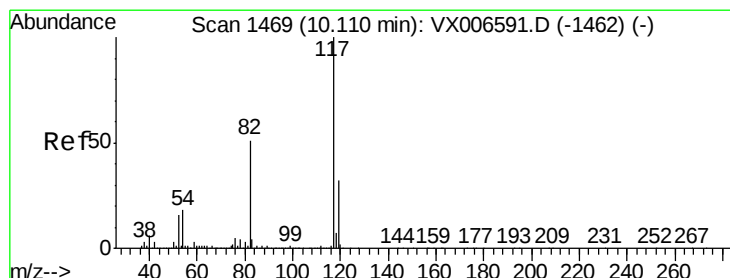
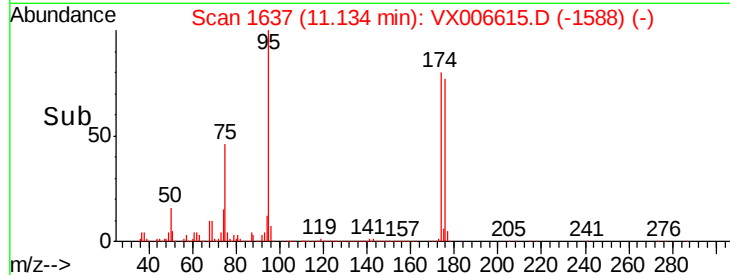
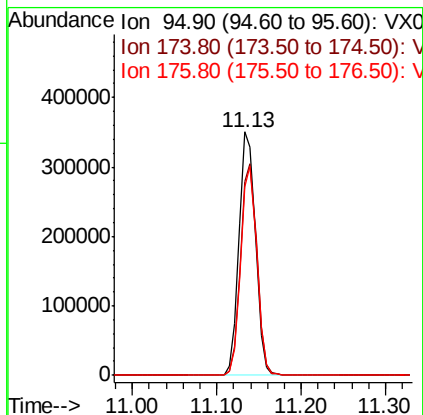
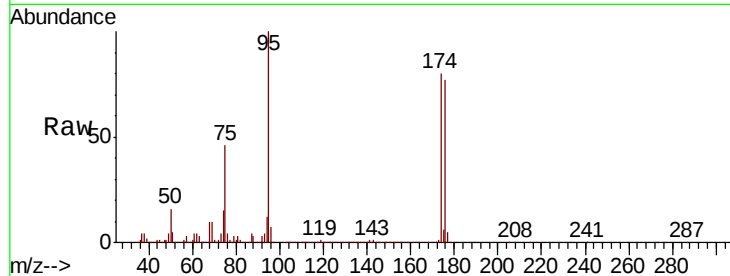




#62
4-Bromofluorobenzene
Concen: 49.656 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006615.D
Acq: 18 Dec 2018 23:51

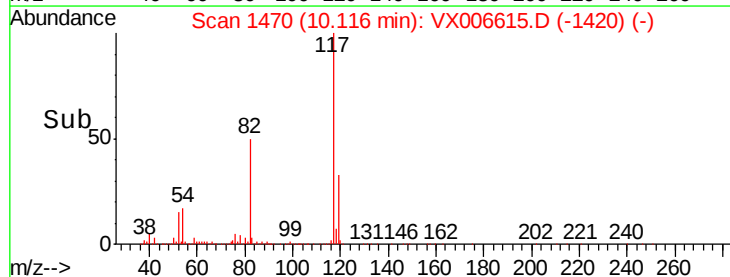
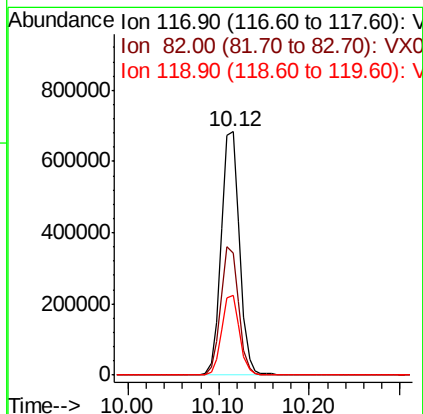
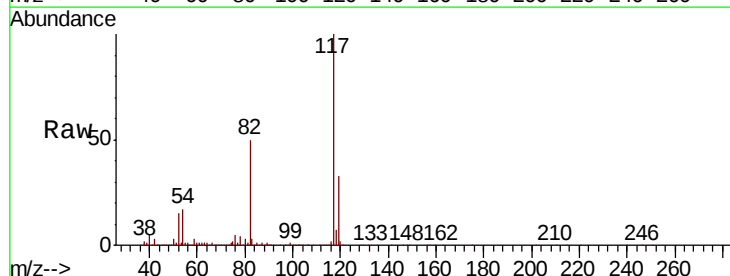
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20181210DL

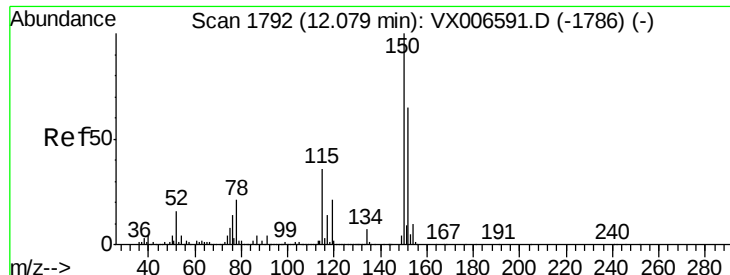
Tot Ion: 95 Resp: 457201
Ion Ratio Lower Upper
95 100
174 86.0 0.0 187.0
176 83.3 0.0 181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006615.D
Acq: 18 Dec 2018 23:51

Tgt Ion: 117 Resp: 962749
Ion Ratio Lower Upper
117 100
82 49.9 39.6 59.4
119 32.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006615.D

Acq: 18 Dec 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20181210DL

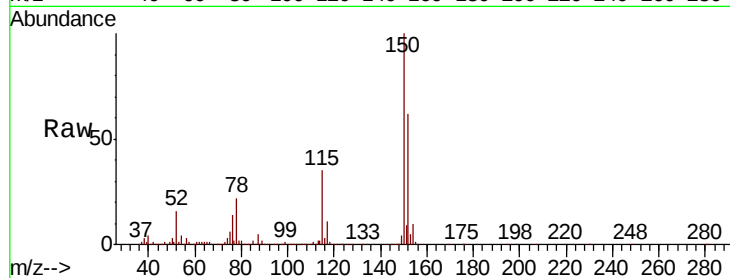
Tot Ion:152 Resp: 461588

Ion Ratio Lower Upper

152 100

115 56.8 39.0 116.9

150 159.0 0.0 345.8



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

