

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006399.D
 Acq On : 11 Dec 2018 05:05
 Operator : JC/MD
 Sample : J6324-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181206

Quant Time: Dec 11 09:38:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

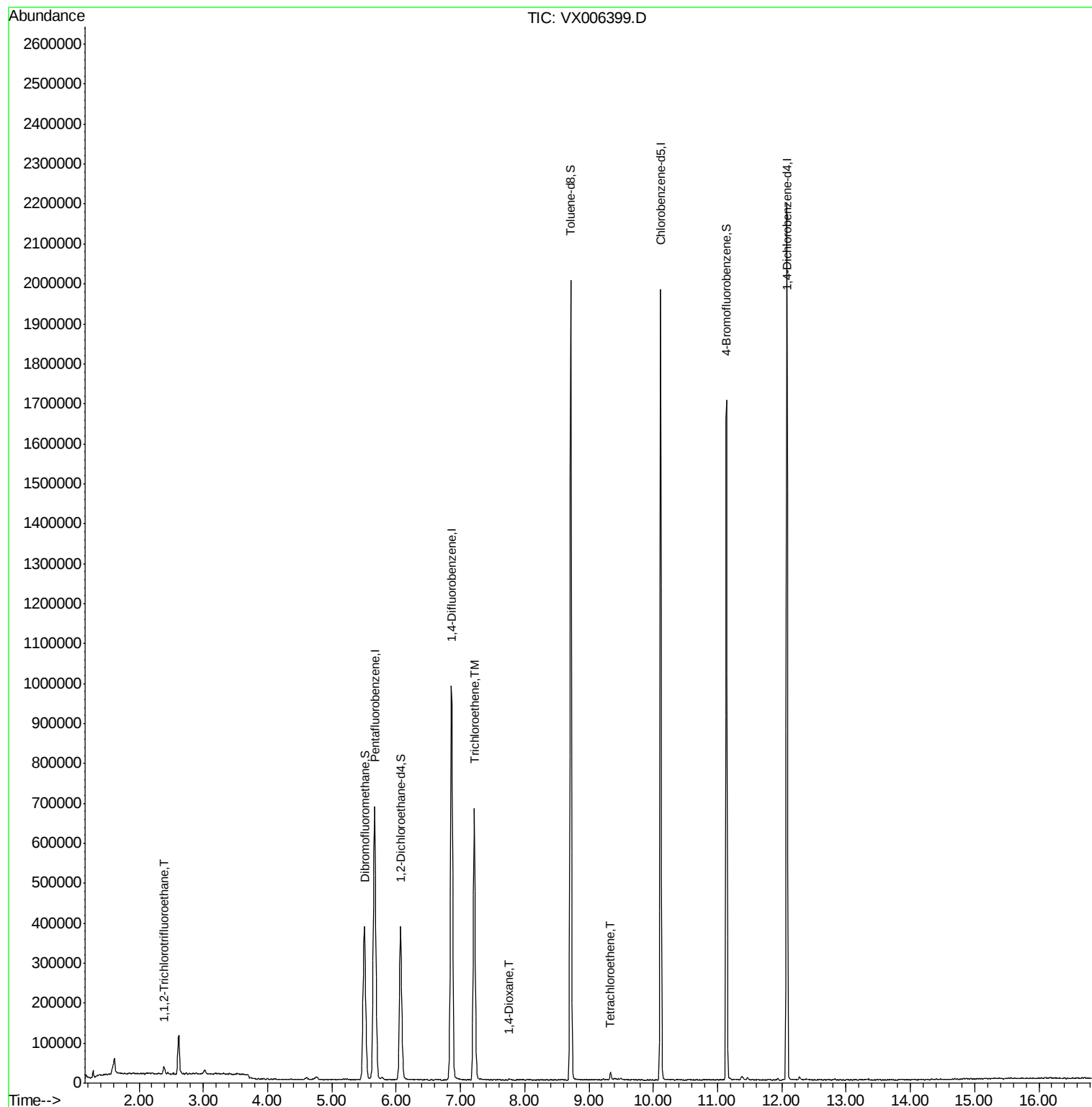
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	686600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1079797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	984886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	468237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	364660	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
35) Dibromofluoromethane	5.51	113	332642	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	8.71	98	1264878	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	477644	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7620	1.174	ug/l	96
44) Trichloroethene	7.21	130	278868	33.800	ug/l	95
49) 1,4-Dioxane	7.75	88	2312	11.357	ug/l	90
64) Tetrachloroethene	9.34	164	3239	0.437	ug/l	92

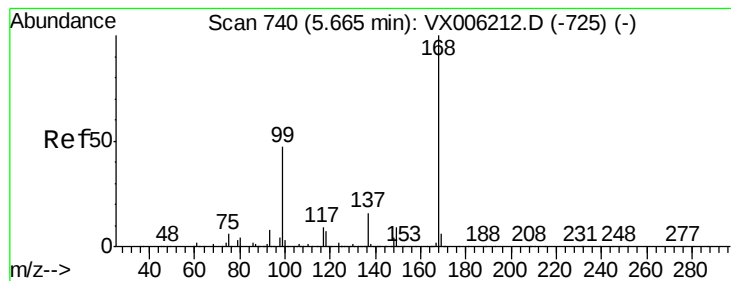
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006399.D

Acq: 11 Dec 2018 05:05

Instrument :

MSVOA_X

ClientSampleId :

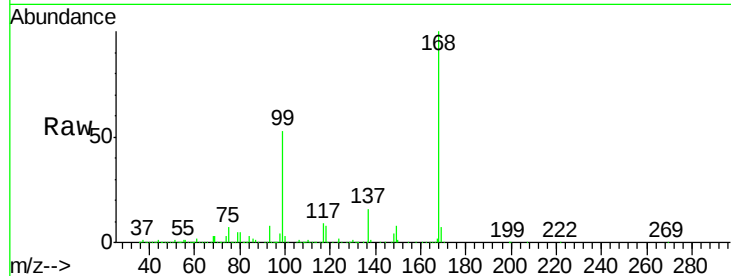
RE-109D2-20181206

Tot Ion:168 Resp: 686600

Ion Ratio Lower Upper

168 100

99 52.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

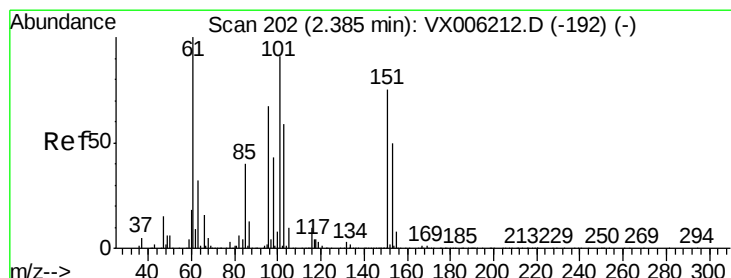
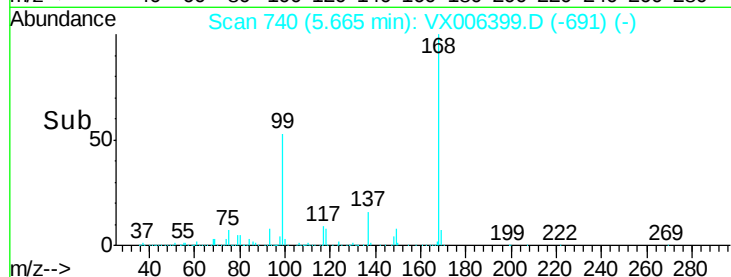
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.174 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006399.D

Acq: 11 Dec 2018 05:05

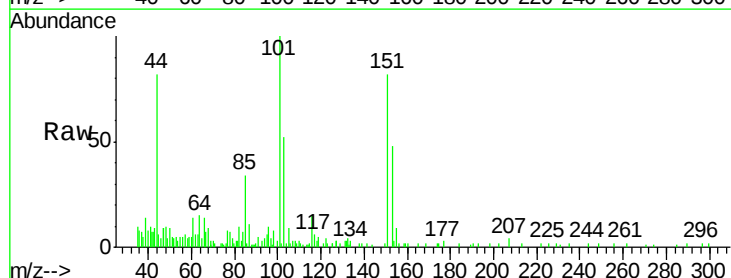
Tgt Ion:101 Resp: 7620

Ion Ratio Lower Upper

101 100

85 44.8 35.5 53.3

151 79.9 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.39

5000

4000

3000

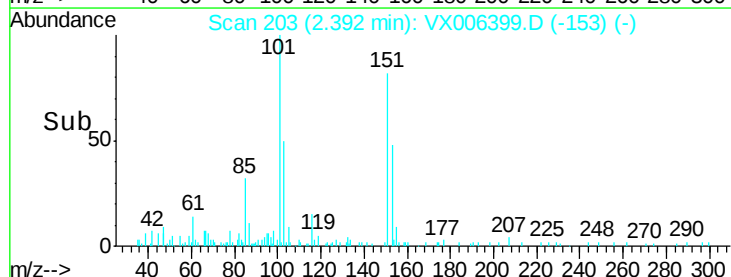
2000

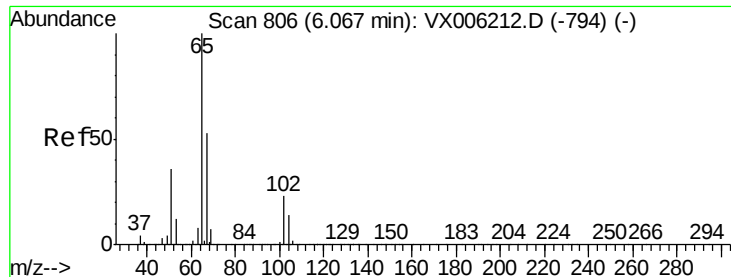
1000

0

Time-->

2.30 2.40 2.50





#33

1,2-Dichloroethane-d4

Concen: 52.027 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006399.D

Acq: 11 Dec 2018 05:05

Instrument :

MSVOA_X

ClientSampleId :

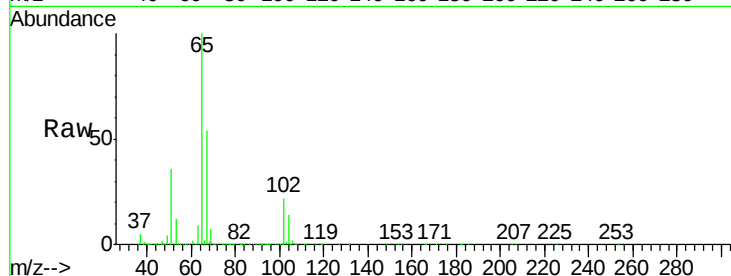
RE-109D2-20181206

Tot Ion: 65 Resp: 364660

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

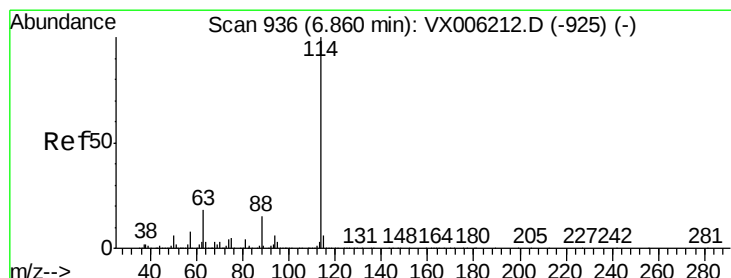
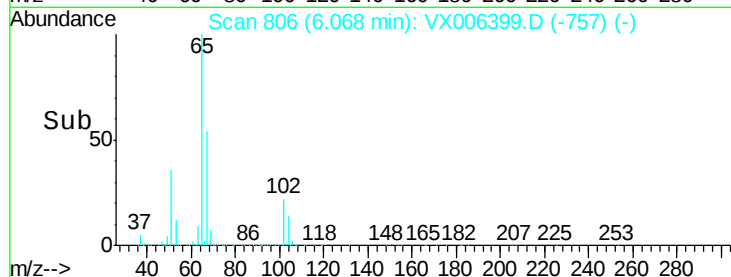
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006399.D

Acq: 11 Dec 2018 05:05

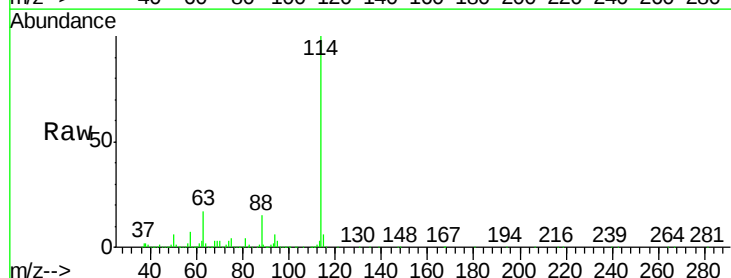
Tgt Ion: 114 Resp: 1079797

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.6

88 14.9 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

6.86

600000

500000

400000

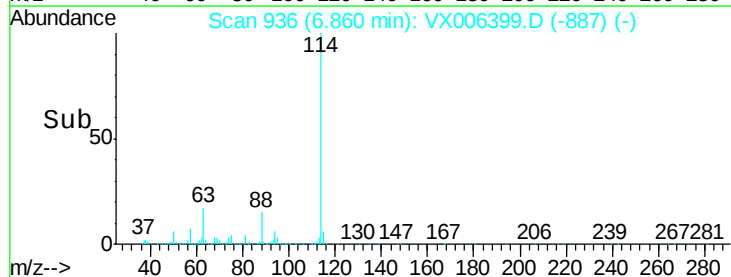
300000

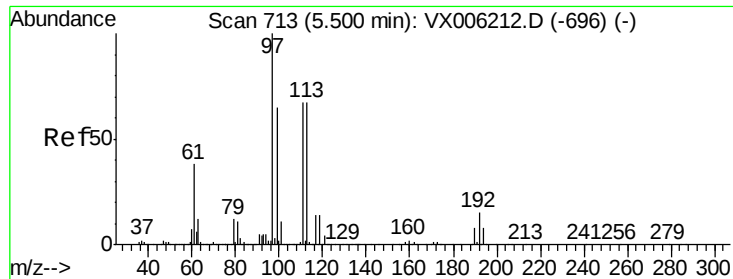
200000

100000

0

Time-->

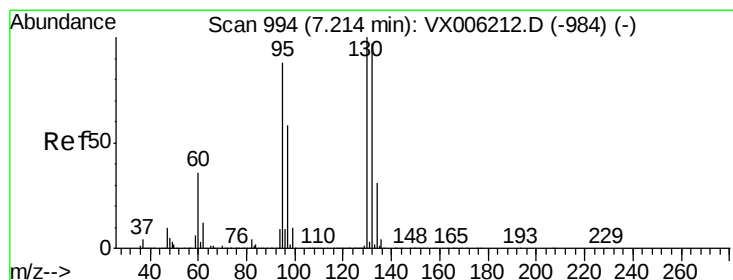
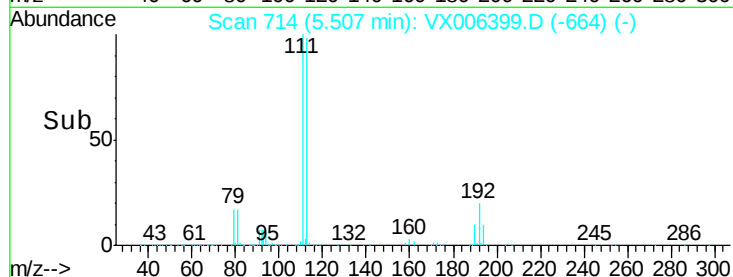
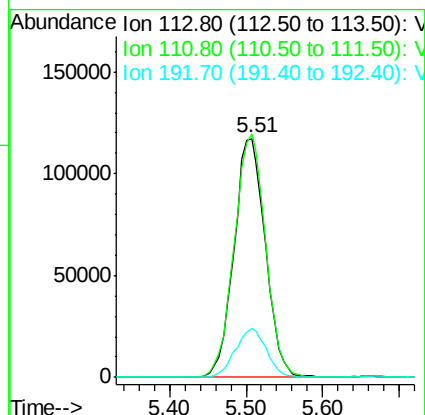
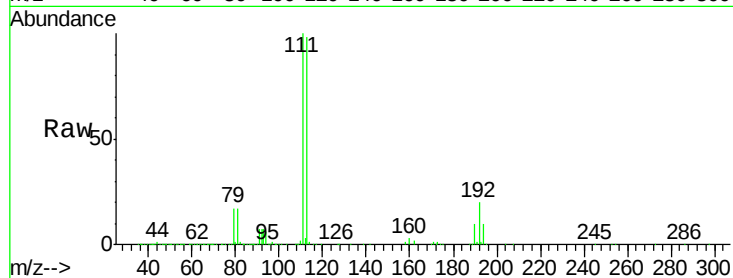




#35
 Dibromofluoromethane
 Concen: 47.580 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006399.D
 Acq: 11 Dec 2018 05:05

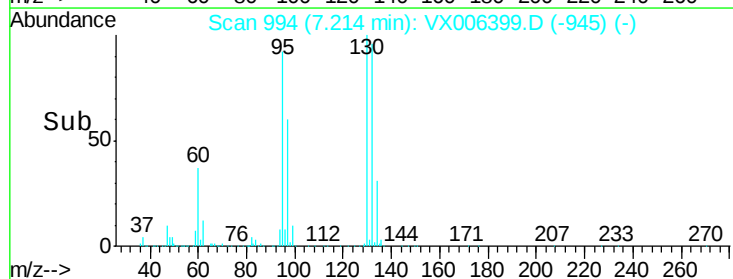
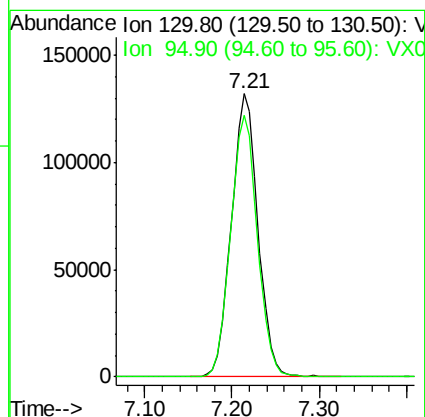
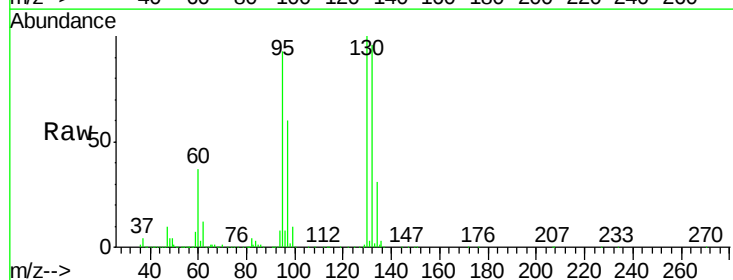
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181206

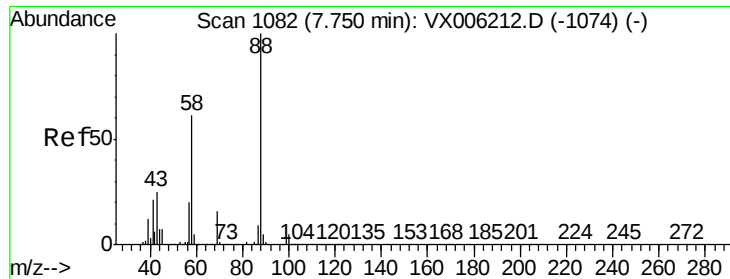
Tot Ion:113 Resp: 332642
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.1 121.7
 192 20.3 18.2 27.2



#44
 Trichloroethene
 Concen: 33.800 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006399.D
 Acq: 11 Dec 2018 05:05

Tgt Ion:130 Resp: 278868
 Ion Ratio Lower Upper
 130 100
 95 92.5 0.0 175.8





#49

1,4-Dioxane

Concen: 11.357 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006399.D

Acq: 11 Dec 2018 05:05

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181206

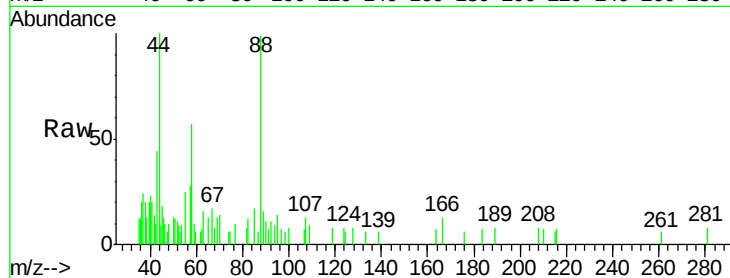
Tot Ion: 88 Resp: 2312

Ion Ratio Lower Upper

88 100

43 30.1 23.2 34.8

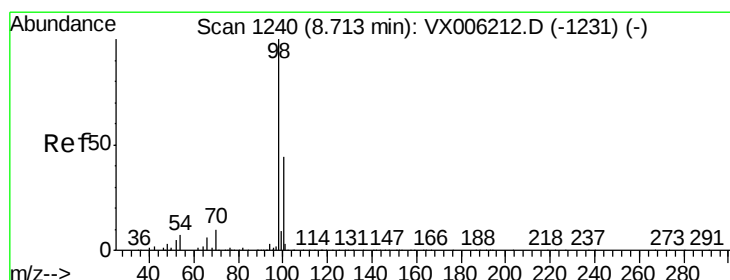
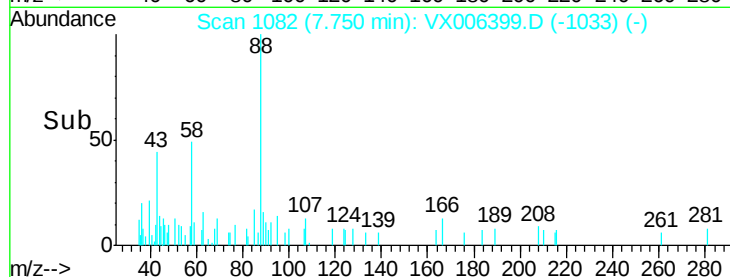
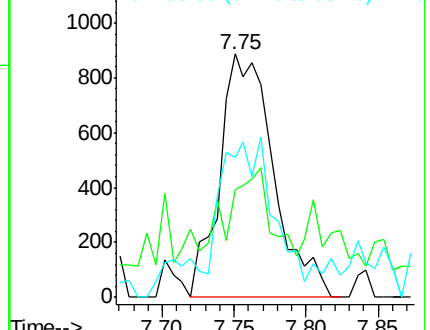
58 53.4 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.739 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006399.D

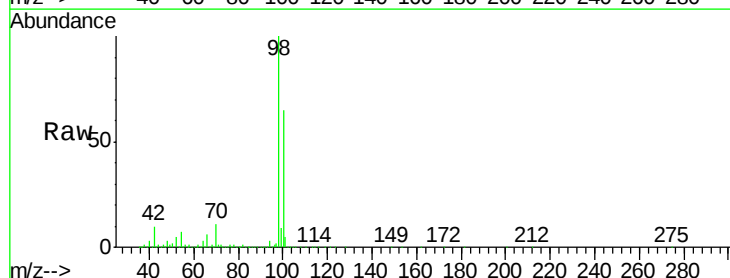
Acq: 11 Dec 2018 05:05

Tgt Ion: 98 Resp: 1264878

Ion Ratio Lower Upper

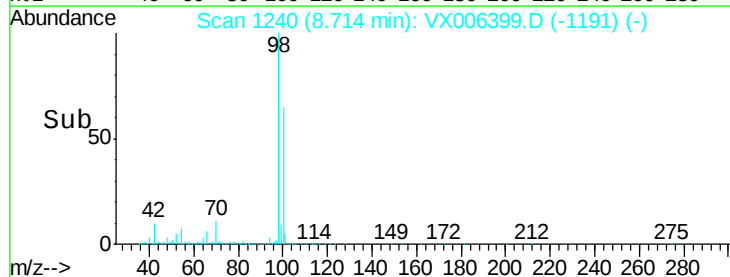
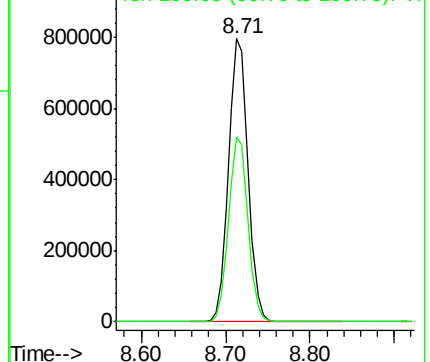
98 100

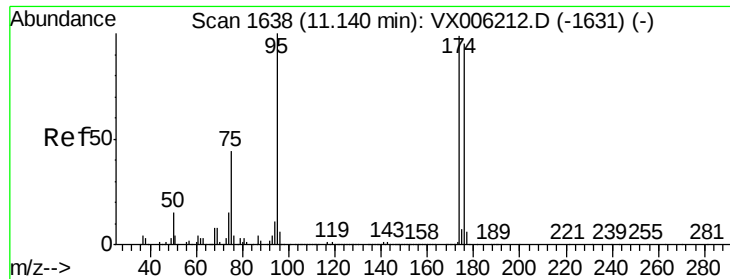
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.844 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006399.D

Acq: 11 Dec 2018 05:05

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181206

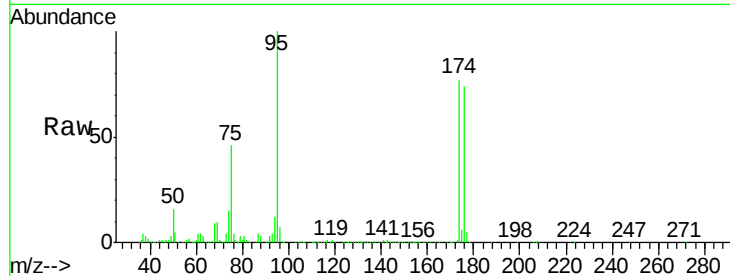
Tot Ion: 95 Resp: 477644

Ion Ratio Lower Upper

95 100

174 84.5 0.0 187.0

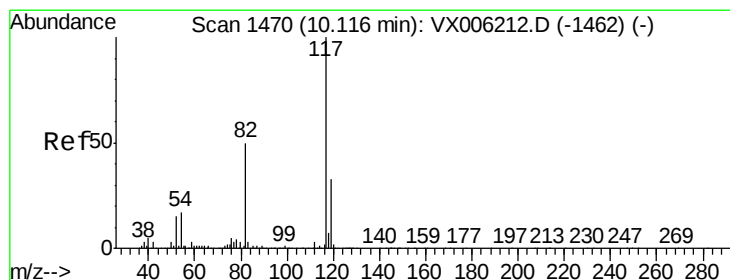
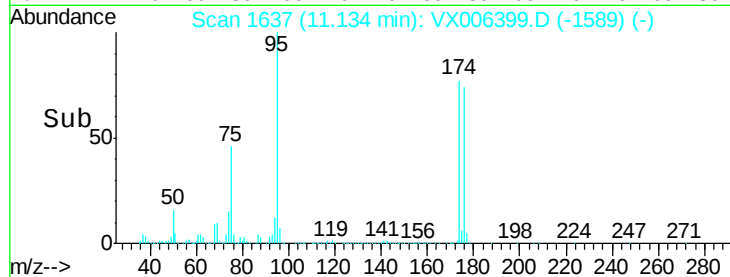
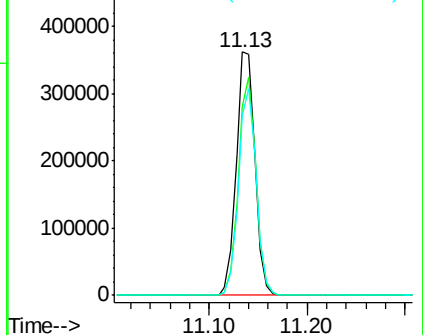
176 80.8 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006399.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006399.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006399.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006399.D

Acq: 11 Dec 2018 05:05

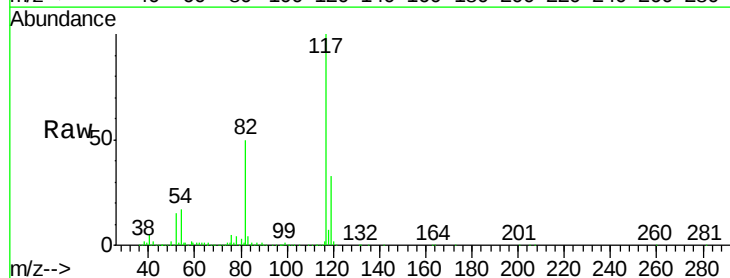
Tgt Ion: 117 Resp: 984886

Ion Ratio Lower Upper

117 100

82 49.9 39.6 59.4

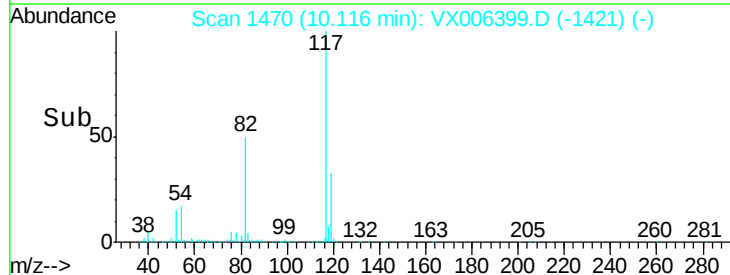
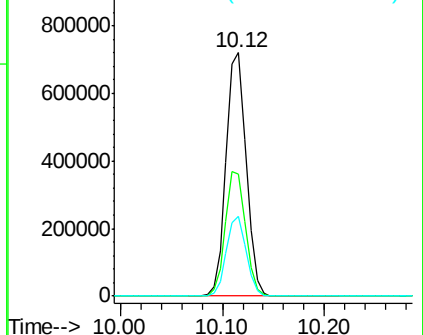
119 32.6 26.3 39.5

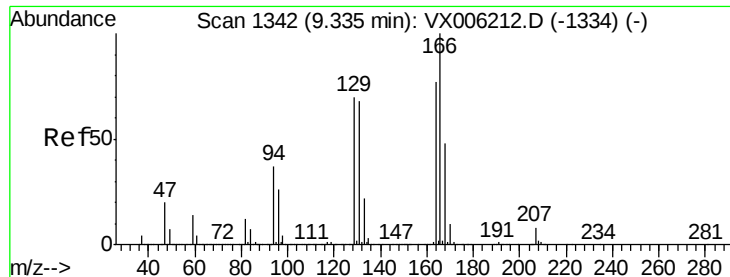


Abundance Ion 116.90 (116.60 to 117.60): VX006399.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006399.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006399.D (-1421) (-)





#64

Tetrachloroethene

Concen: 0.437 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006399.D

Acq: 11 Dec 2018 05:05

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181206

Tot Ion:164 Resp: 3239

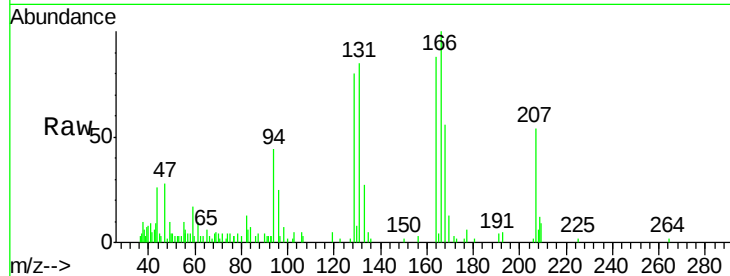
Ion Ratio Lower Upper

164 100

166 113.3 104.2 156.2

129 90.3 72.6 108.8

131 93.8 70.3 105.5

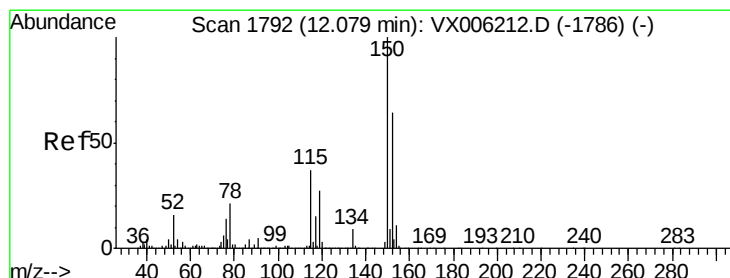
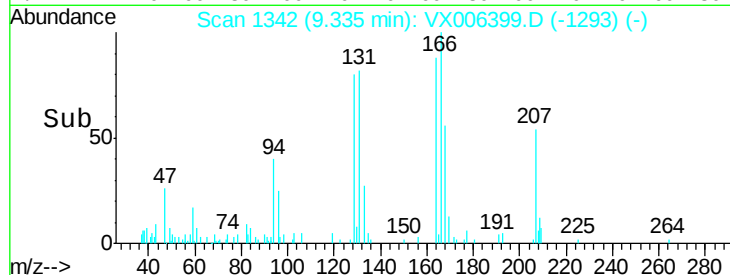
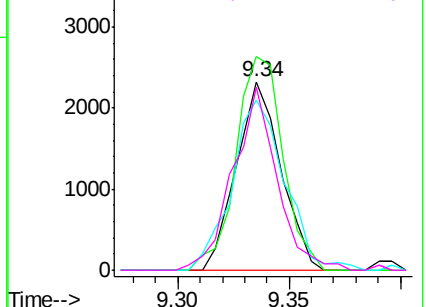


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX006399.D

Acq: 11 Dec 2018 05:05

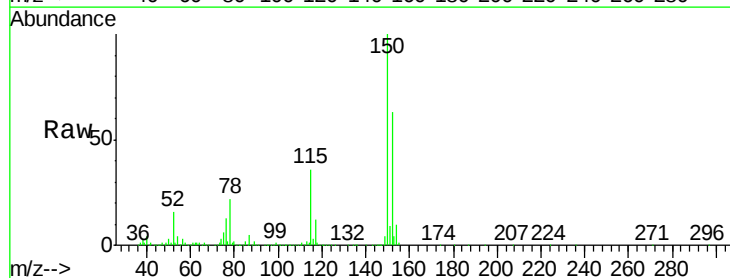
Tgt Ion:152 Resp: 468237

Ion Ratio Lower Upper

152 100

115 57.3 39.0 116.9

150 157.2 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

