

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006400.D
 Acq On : 11 Dec 2018 05:32
 Operator : JC/MD
 Sample : J6324-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-104D1-20181206

Quant Time: Dec 11 09:39:47 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

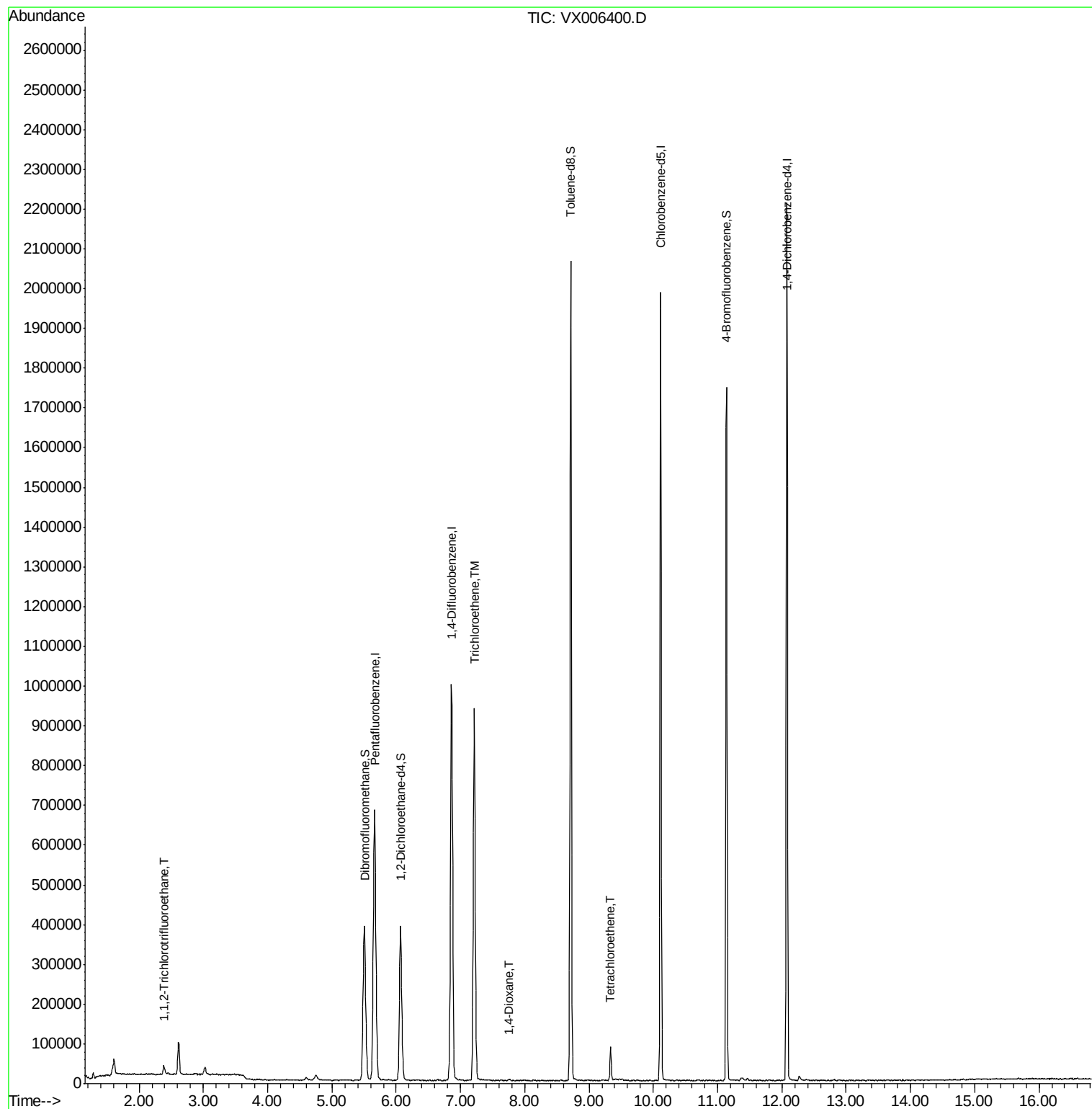
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	683555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1084021	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	983598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	472656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	365466	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
35) Dibromofluoromethane	5.50	113	333913	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	8.71	98	1265684	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.14	95	473296	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	8380	1.297	ug/l #	94
44) Trichloroethene	7.21	130	383123	46.256	ug/l	97
49) 1,4-Dioxane	7.75	88	2570	12.575	ug/l #	89
64) Tetrachloroethene	9.34	164	16152	2.181	ug/l	95

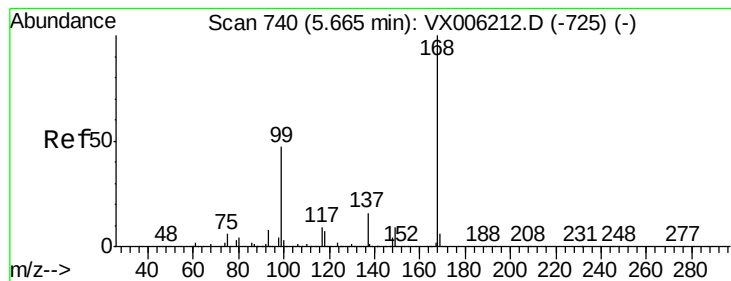
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006400.D

Acq: 11 Dec 2018 05:32

Instrument :

MSVOA_X

ClientSampleId :

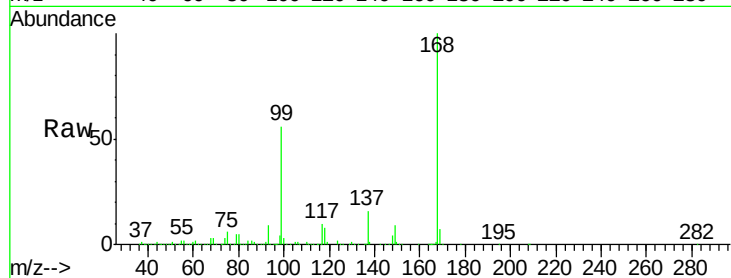
RE-104D1-20181206

Tot Ion:168 Resp: 683555

Ion Ratio Lower Upper

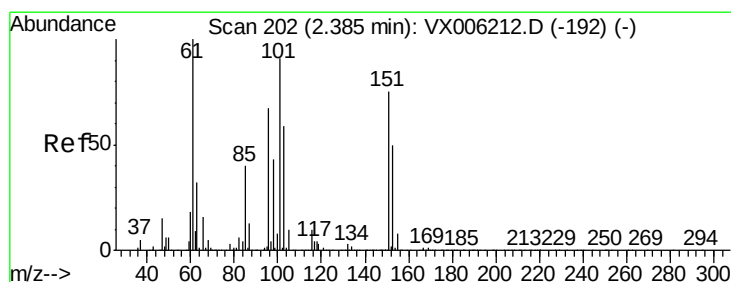
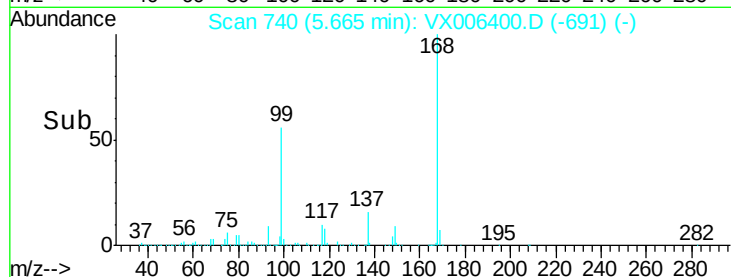
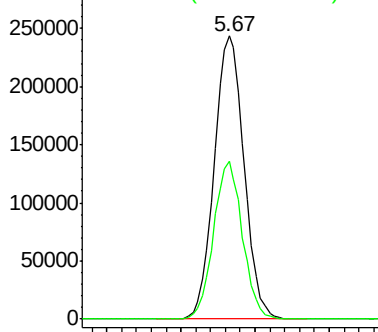
168 100

99 55.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.297 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006400.D

Acq: 11 Dec 2018 05:32

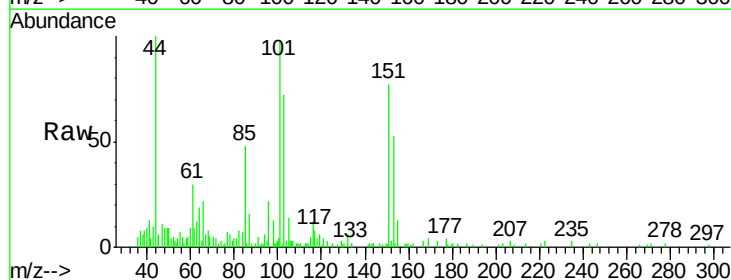
Tgt Ion:101 Resp: 8380

Ion Ratio Lower Upper

101 100

85 54.6 35.5 53.3#

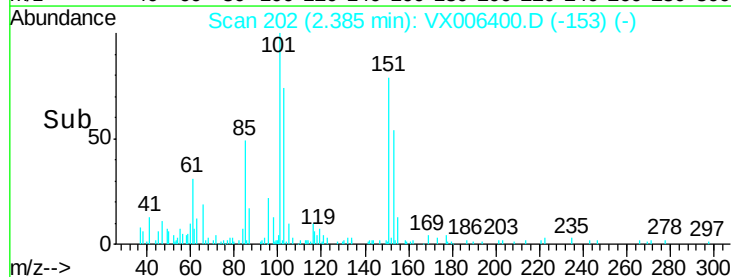
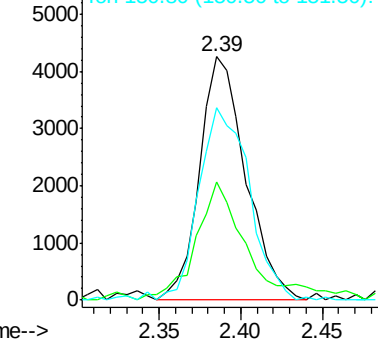
151 86.6 68.6 103.0

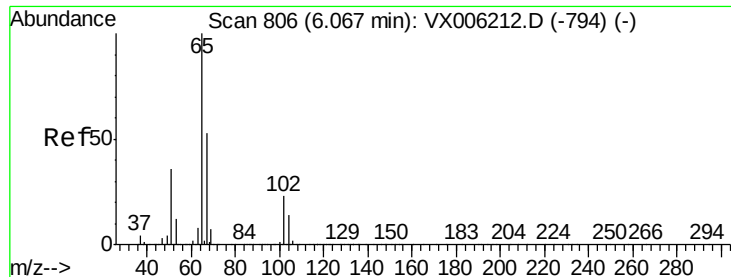


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

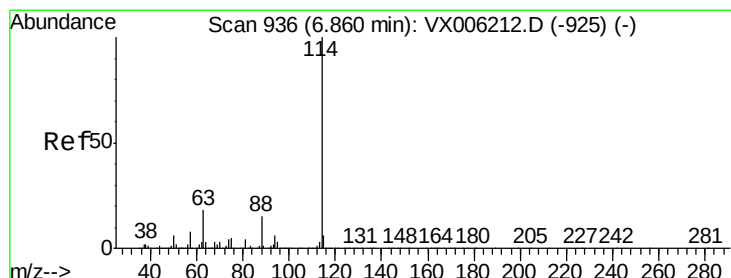
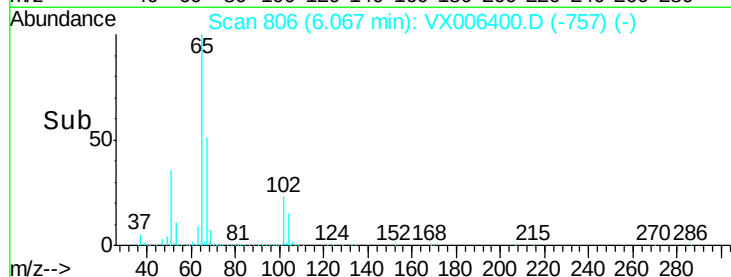
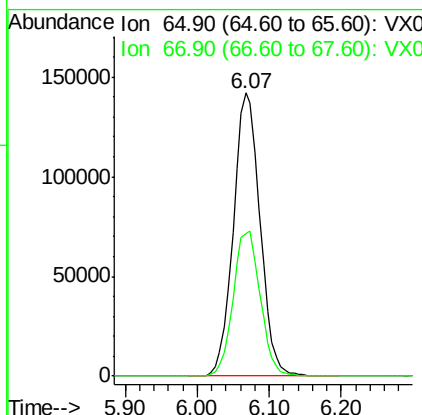
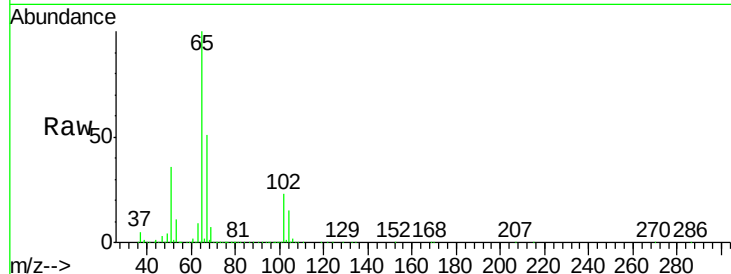




#33
 1,2-Dichloroethane-d4
 Concen: 52.374 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006400.D
 Acq: 11 Dec 2018 05:32

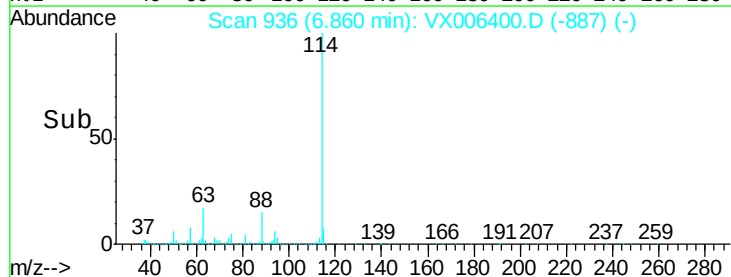
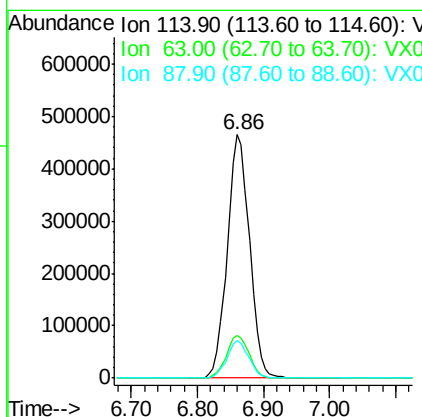
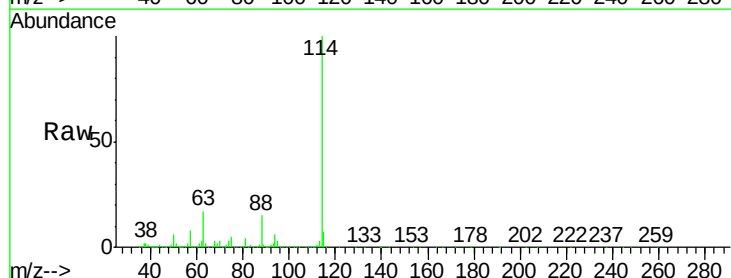
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-104D1-20181206

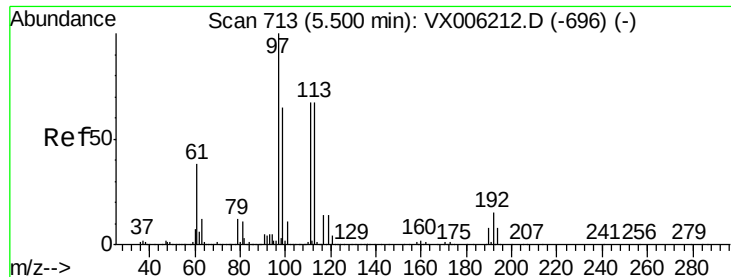
Tot Ion: 65 Resp: 365466
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006400.D
 Acq: 11 Dec 2018 05:32

Tgt Ion: 114 Resp: 1084021
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.6
 88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.575 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006400.D

Acq: 11 Dec 2018 05:32

Instrument :

MSVOA_X

ClientSampleId :

RE-104D1-20181206

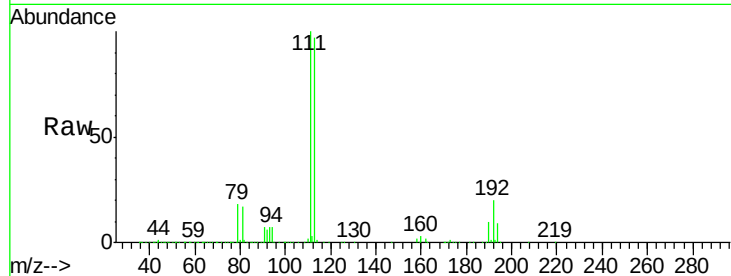
Tot Ion:113 Resp: 333913

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

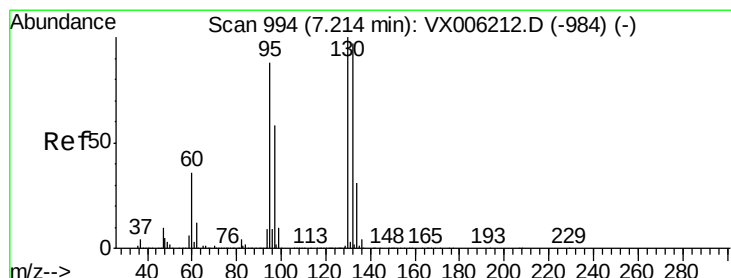
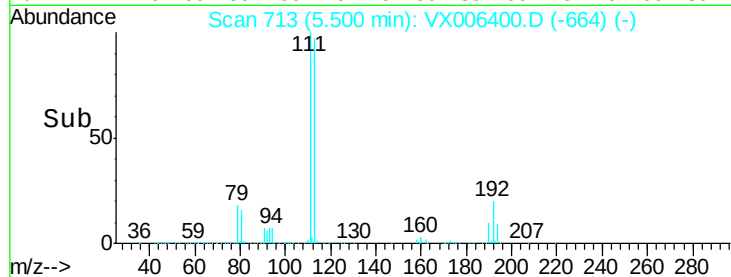
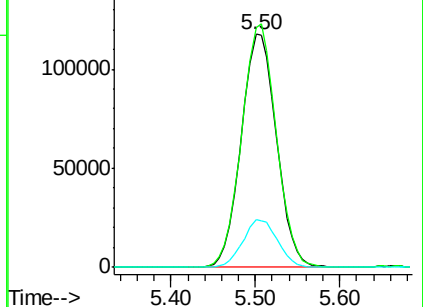
192 20.4 18.2 27.2



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: 46.256 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006400.D

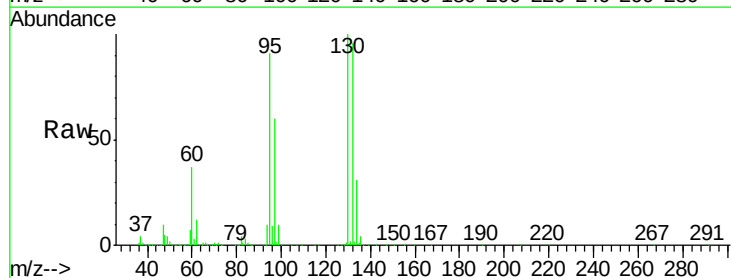
Acq: 11 Dec 2018 05:32

Tgt Ion:130 Resp: 383123

Ion Ratio Lower Upper

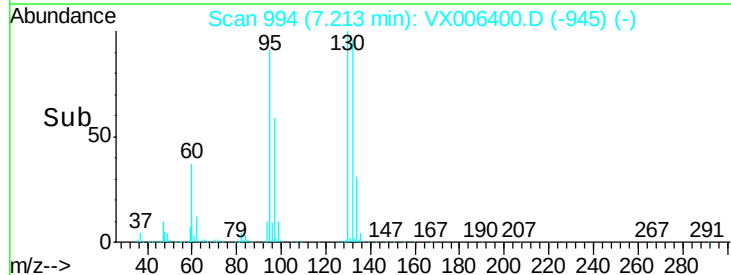
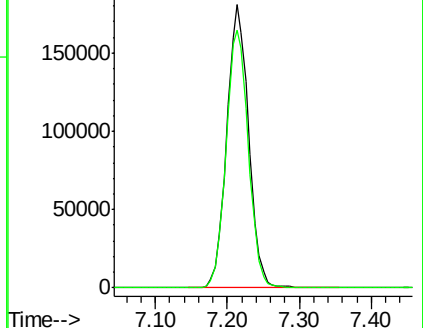
130 100

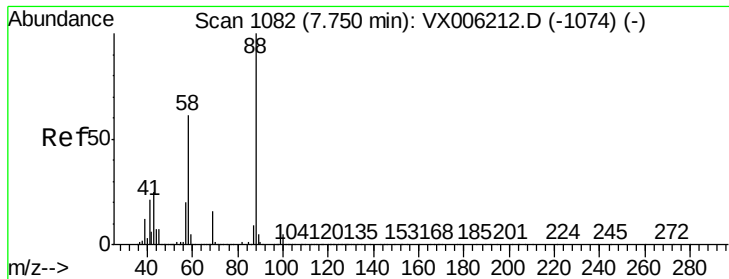
95 90.9 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 12.575 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006400.D

Acq: 11 Dec 2018 05:32

Instrument :

MSVOA_X

ClientSampleId :

RE-104D1-20181206

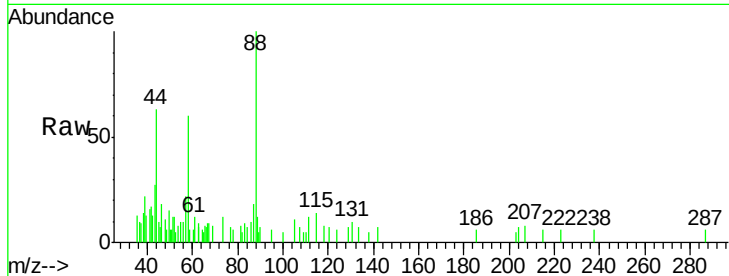
Tot Ion: 88 Resp: 2570

Ion Ratio Lower Upper

88 100

43 36.7 23.2 34.8#

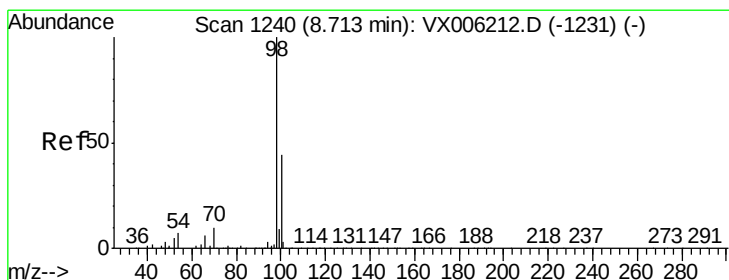
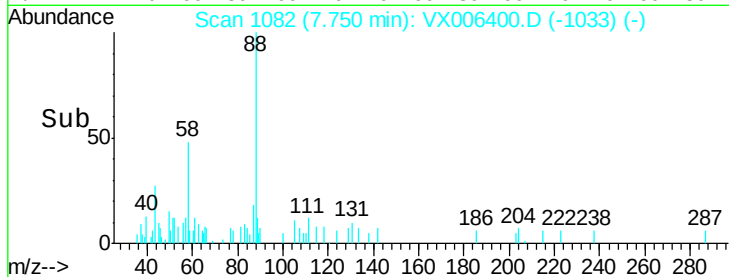
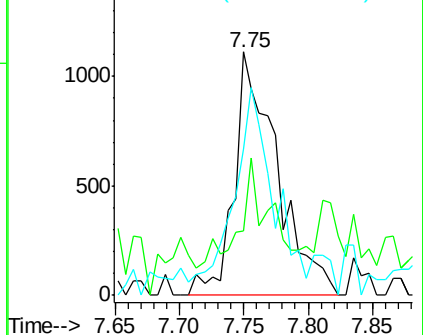
58 71.5 51.4 77.0



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: 49.577 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006400.D

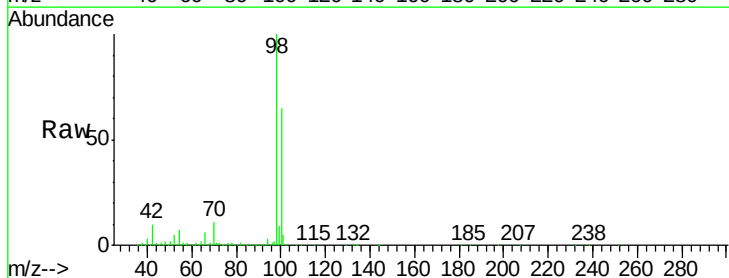
Acq: 11 Dec 2018 05:32

Tgt Ion: 98 Resp: 1265684

Ion Ratio Lower Upper

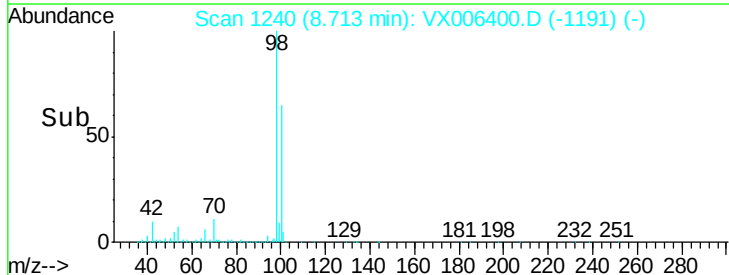
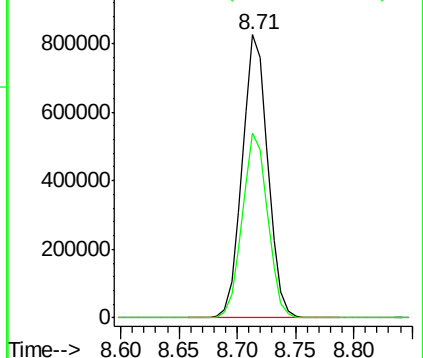
98 100

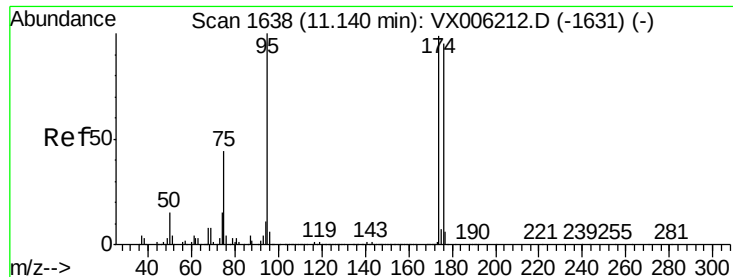
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.198 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006400.D

Acq: 11 Dec 2018 05:32

Instrument :

MSVOA_X

ClientSampleId :

RE-104D1-20181206

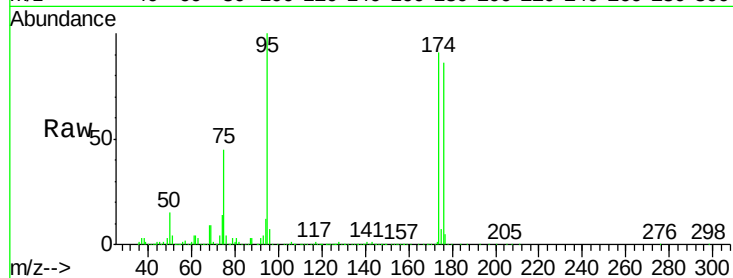
Tot Ion: 95 Resp: 473296

Ion Ratio Lower Upper

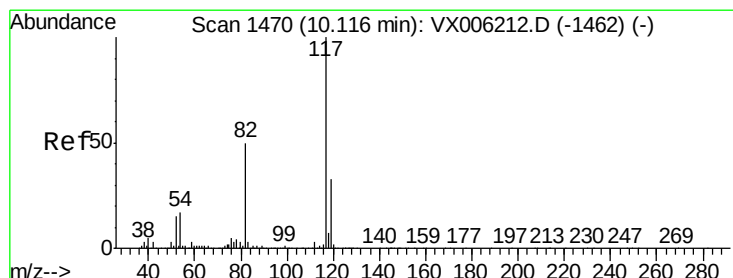
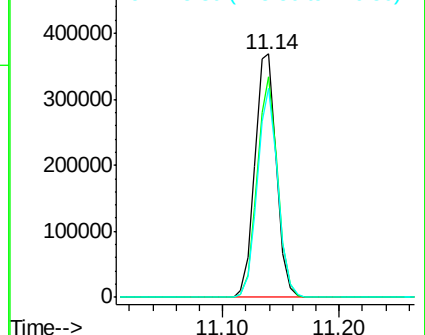
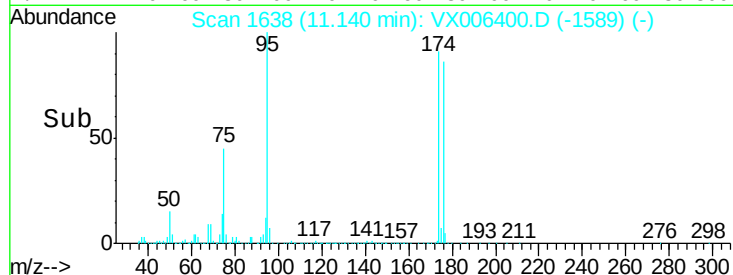
95 100

174 86.0 0.0 187.0

176 81.9 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006400.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006400.D

Acq: 11 Dec 2018 05:32

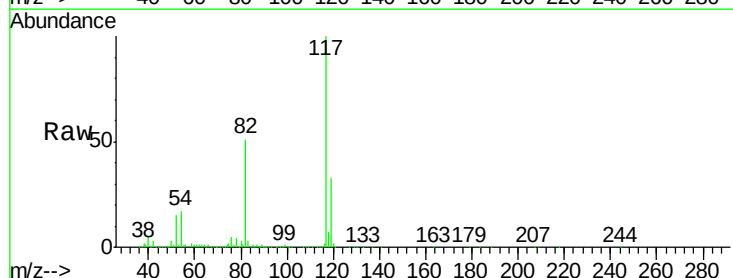
Tgt Ion: 117 Resp: 983598

Ion Ratio Lower Upper

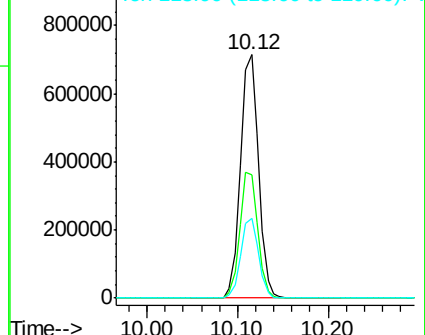
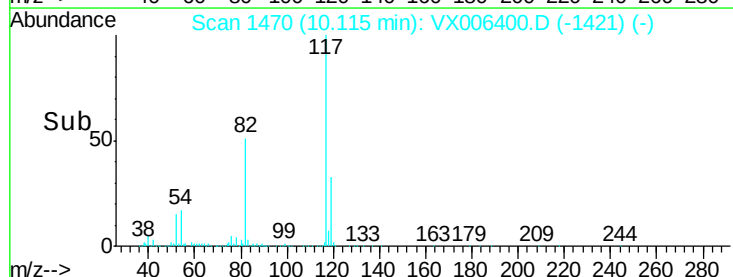
117 100

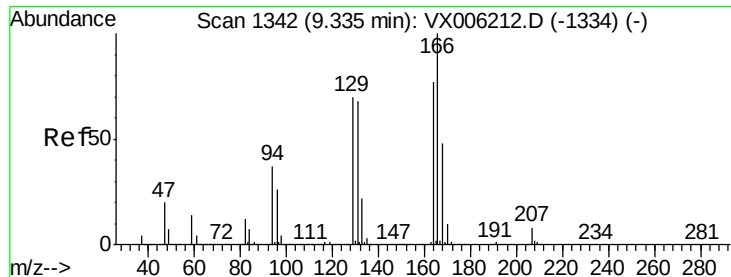
82 50.8 39.6 59.4

119 32.7 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): VX006400.D (-1421) (-)





#64

Tetrachloroethene

Concen: 2.181 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006400.D

Acq: 11 Dec 2018 05:32

Instrument :

MSVOA_X

ClientSampleId :

RE-104D1-20181206

Tot Ion:164 Resp: 16152

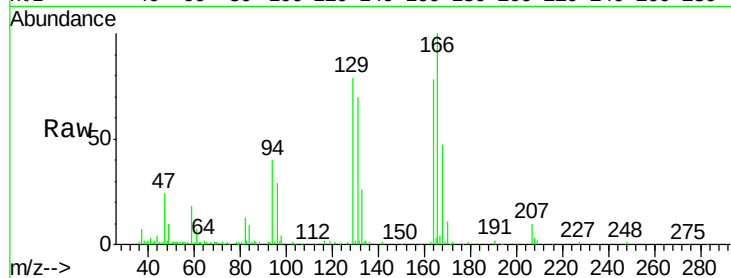
Ion Ratio Lower Upper

164 100

166 127.8 104.2 156.2

129 101.6 72.6 108.8

131 89.1 70.3 105.5



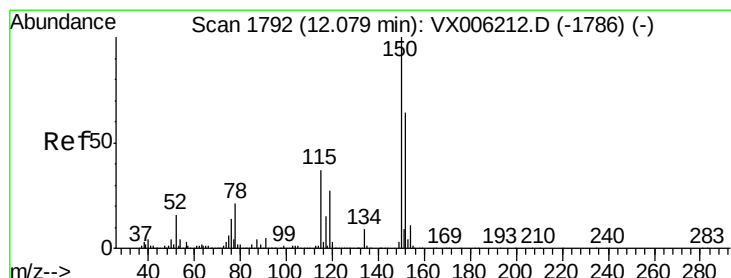
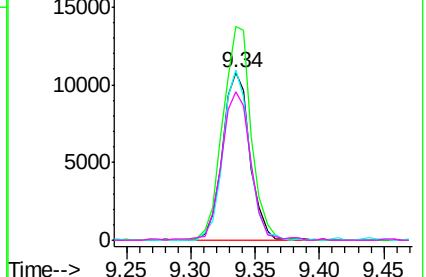
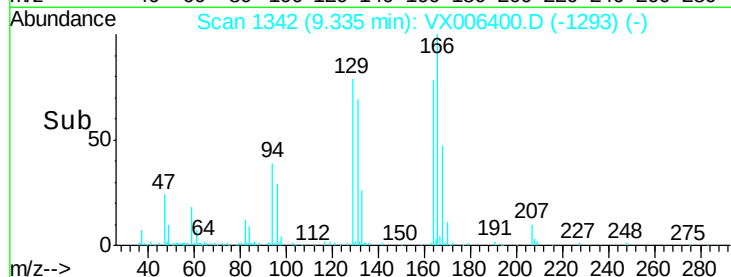
Abundance Ion 163.80 (163.50 to 164.50): V

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

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: VX006400.D

Acq: 11 Dec 2018 05:32

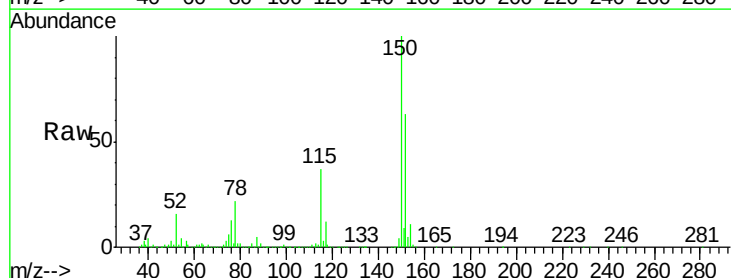
Tgt Ion:152 Resp: 472656

Ion Ratio Lower Upper

152 100

115 57.2 39.0 116.9

150 156.3 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

Time-->

