

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006572.D
 Acq On : 17 Dec 2018 14:59
 Operator : JC/MD
 Sample : J6405-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20181210

Quant Time: Dec 18 01:17:40 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

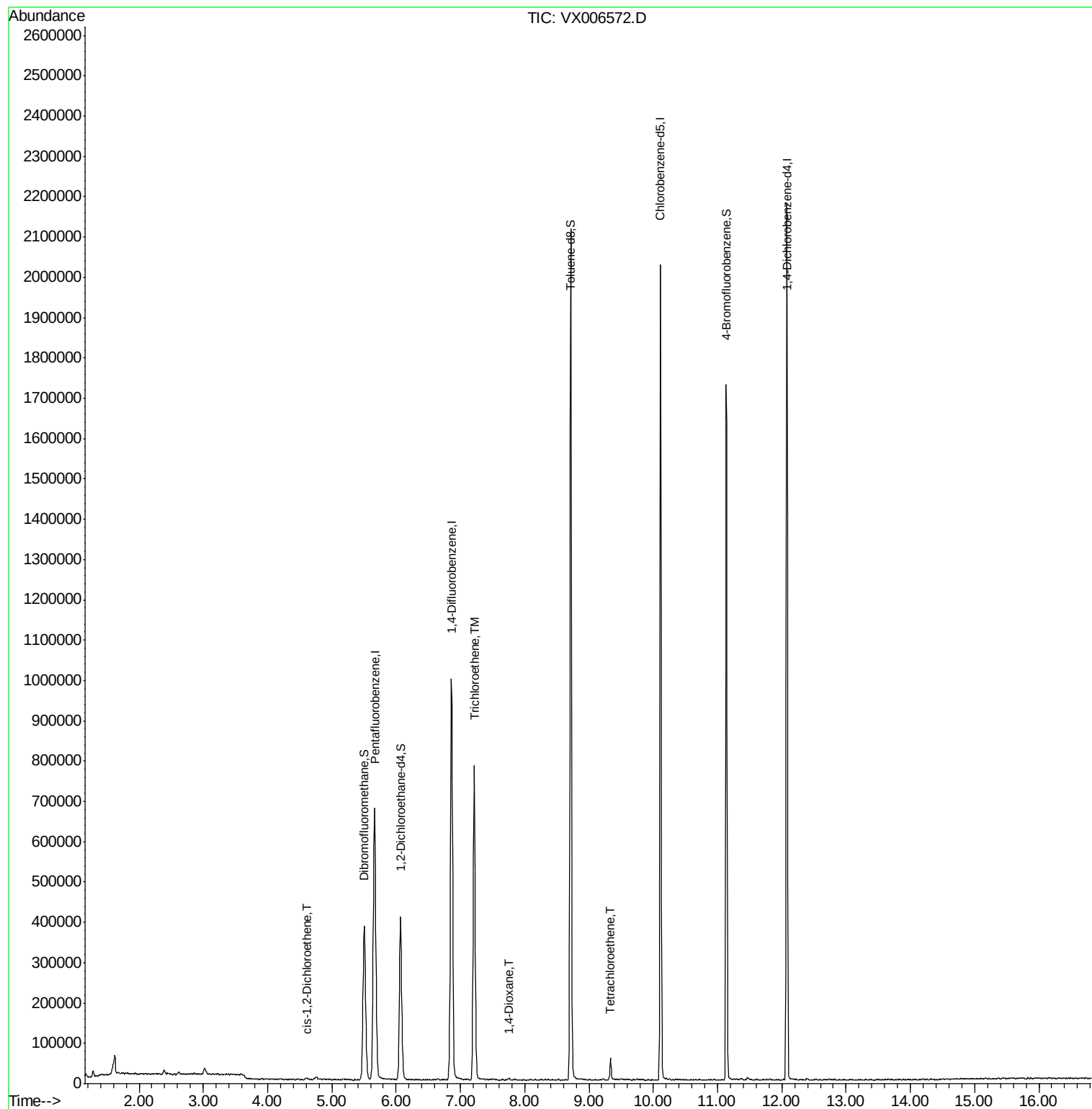
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	683457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1081583	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	982832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	469861	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	376458	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
35) Dibromofluoromethane	5.50	113	329270	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	8.71	98	1292167	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.13	95	471092	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	2526	0.344	ug/l	73
44) Trichloroethene	7.21	130	315260	38.148	ug/l	97
49) 1,4-Dioxane	7.76	88	2818	13.820	ug/l #	70
64) Tetrachloroethene	9.34	164	10898	1.472	ug/l	91

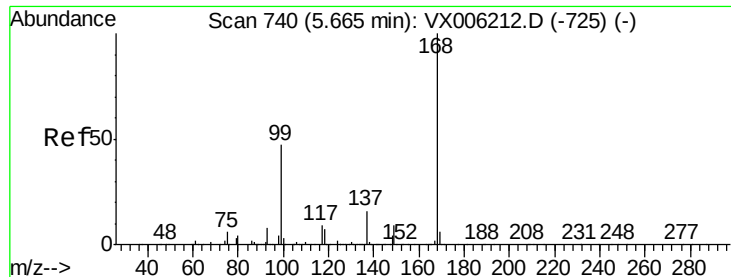
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006572.D

Acq: 17 Dec 2018 14:59

Instrument :

MSVOA_X

ClientSampleId :

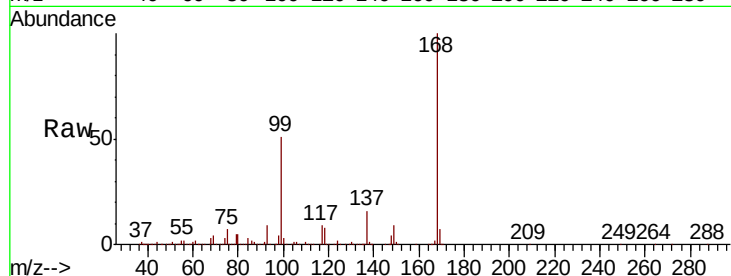
RE108D1-20181210

Tot Ion:168 Resp: 683457

Ion Ratio Lower Upper

168 100

99 51.4 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

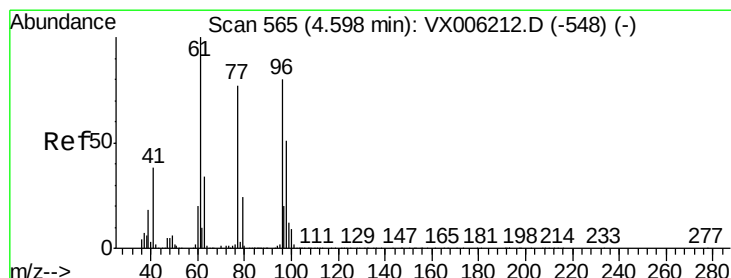
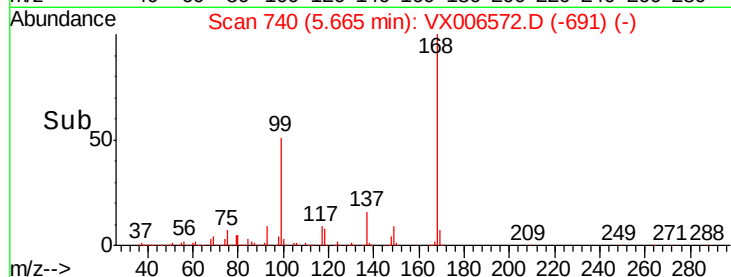
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 0.344 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX006572.D

Acq: 17 Dec 2018 14:59

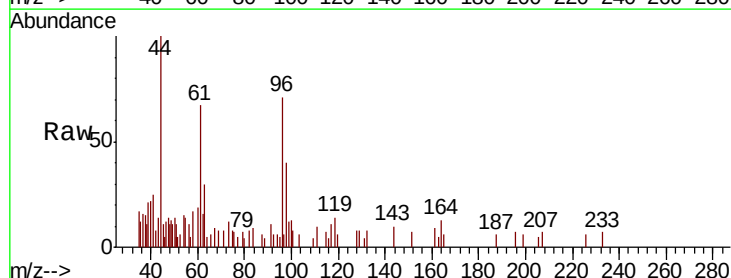
Tgt Ion: 96 Resp: 2526

Ion Ratio Lower Upper

96 100

61 98.5 0.0 265.0

98 46.5 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.60

1200

1000

800

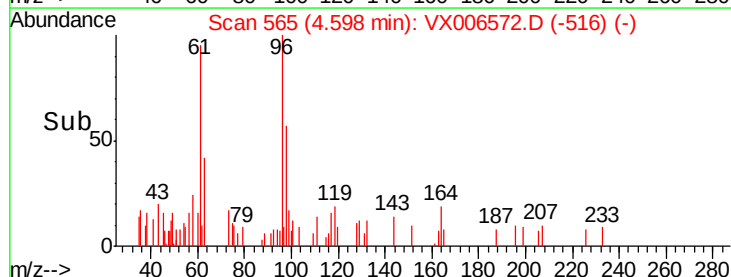
600

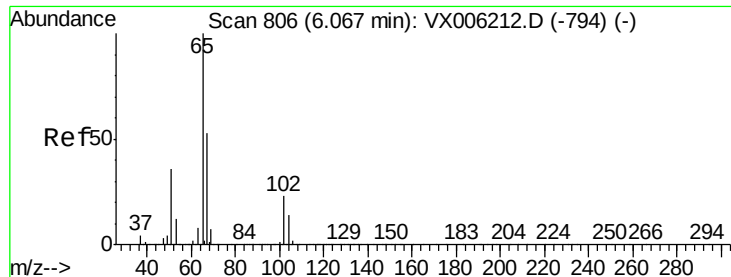
400

200

0

Time--> 4.50 4.55 4.60 4.65 4.70

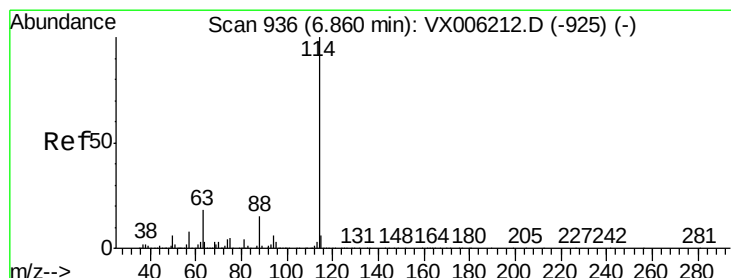
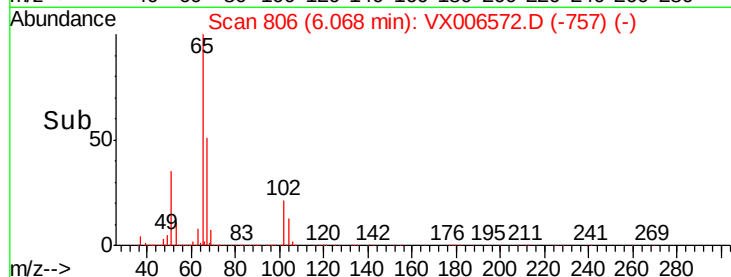
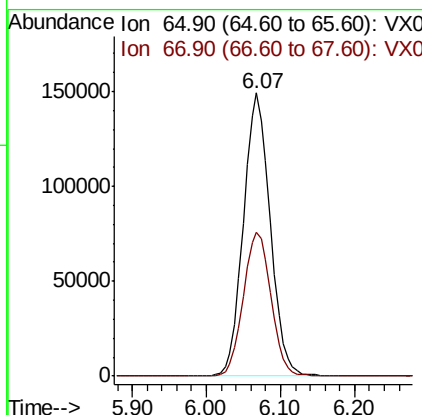
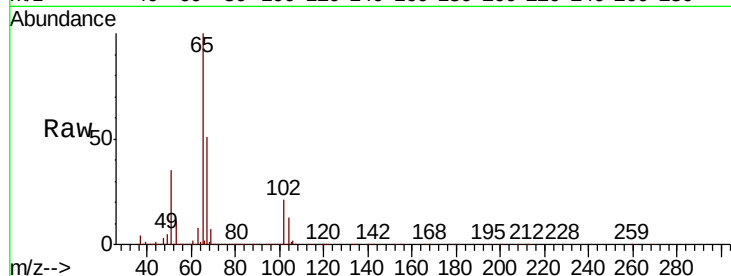




#33
 1,2-Dichloroethane-d4
 Concen: 53.957 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006572.D
 Acq: 17 Dec 2018 14:59

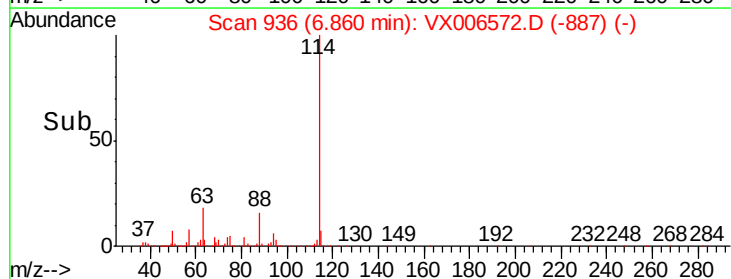
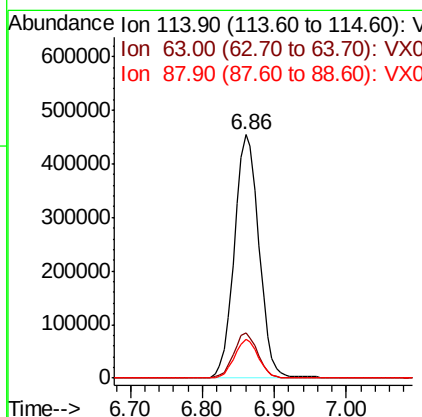
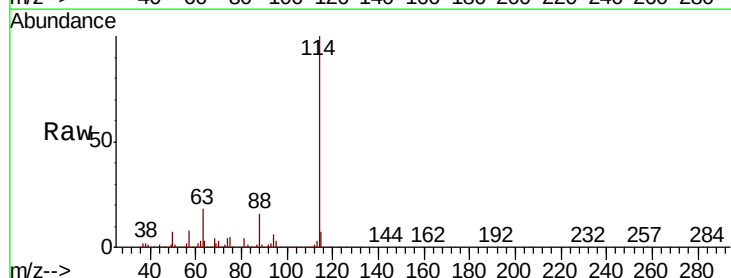
Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20181210

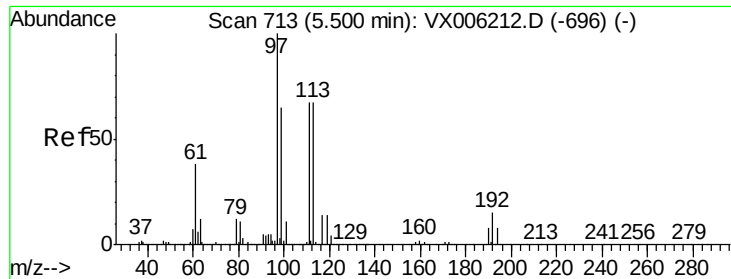
Tot Ion: 65 Resp: 376458
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006572.D
 Acq: 17 Dec 2018 14:59

Tgt Ion: 114 Resp: 1081583
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.6
 88 15.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.020 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006572.D

Acq: 17 Dec 2018 14:59

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20181210

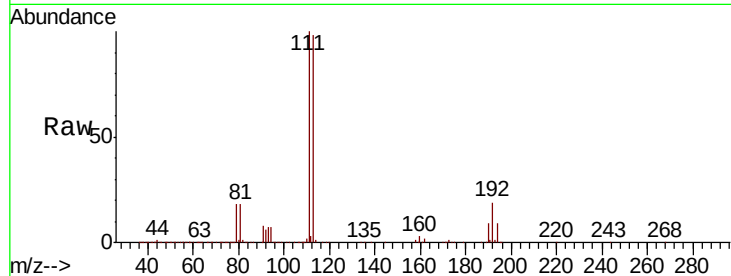
Tot Ion:113 Resp: 329270

Ion Ratio Lower Upper

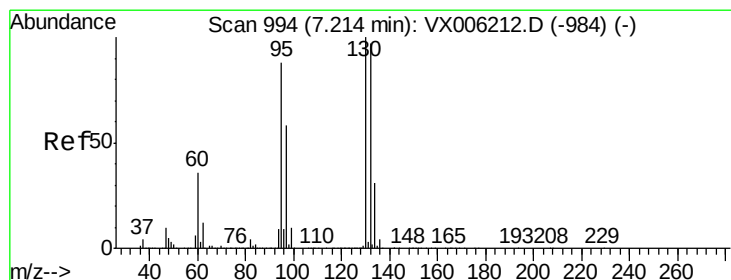
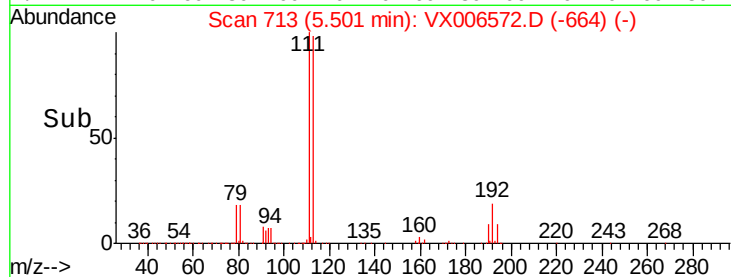
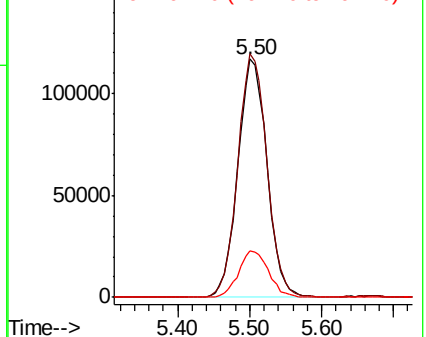
113 100

111 101.9 81.1 121.7

192 20.0 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: 38.148 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006572.D

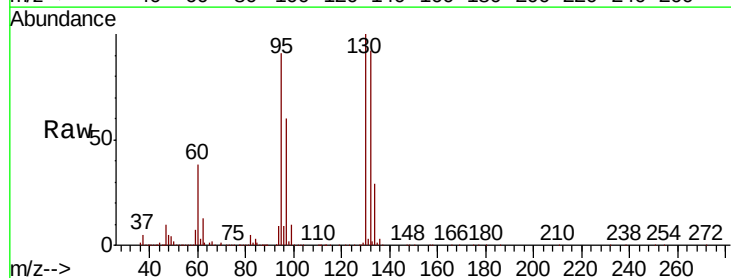
Acq: 17 Dec 2018 14:59

Tgt Ion:130 Resp: 315260

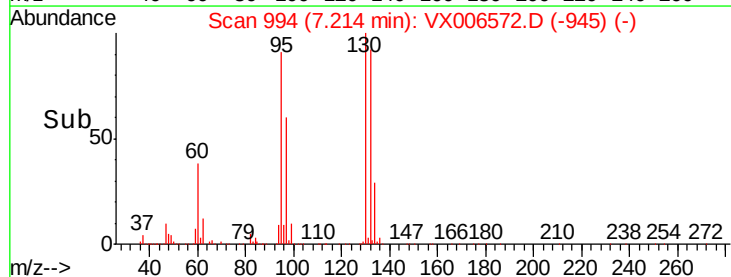
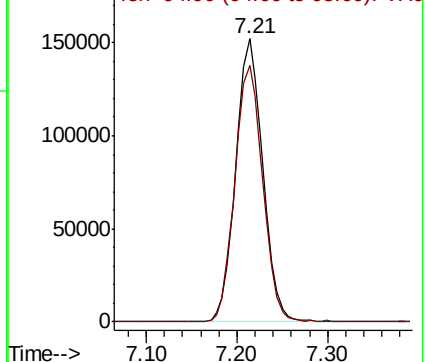
Ion Ratio Lower Upper

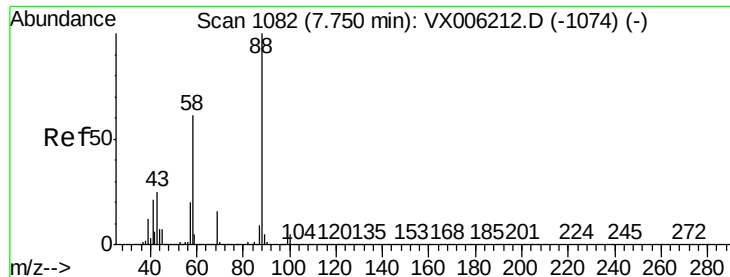
130 100

95 90.7 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V

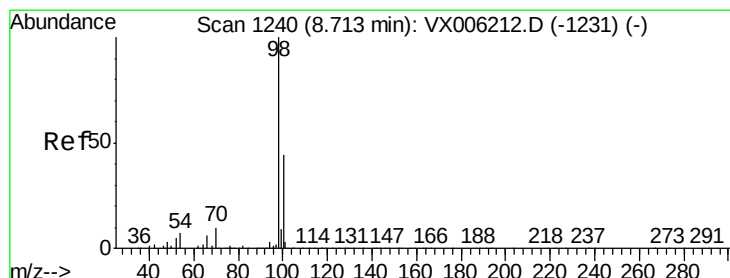
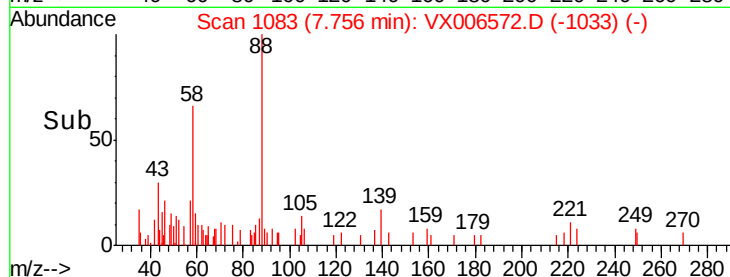
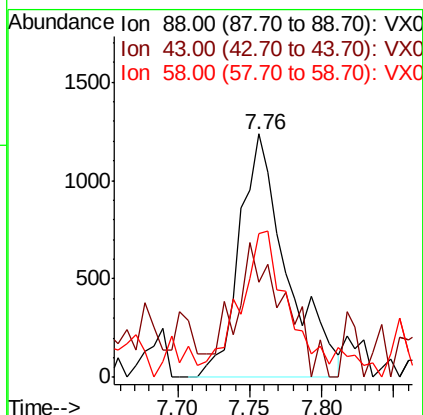
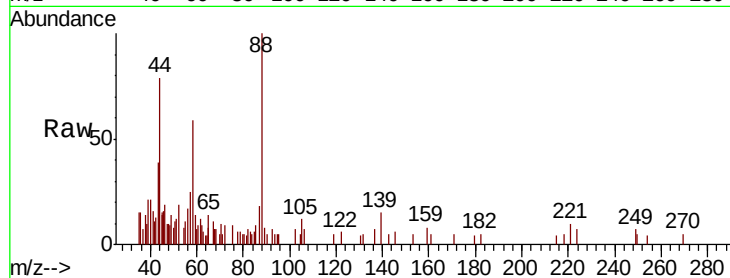




#49
1,4-Dioxane
Concen: 13.820 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006572.D
Acq: 17 Dec 2018 14:59

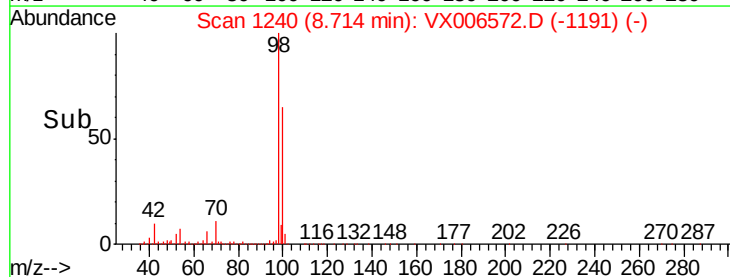
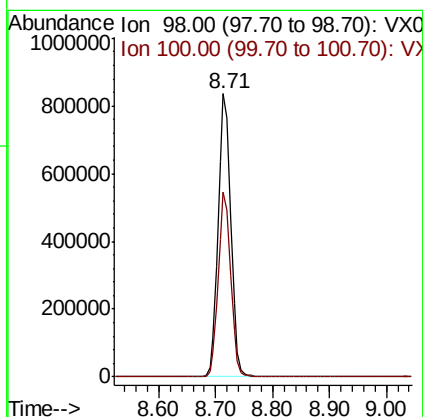
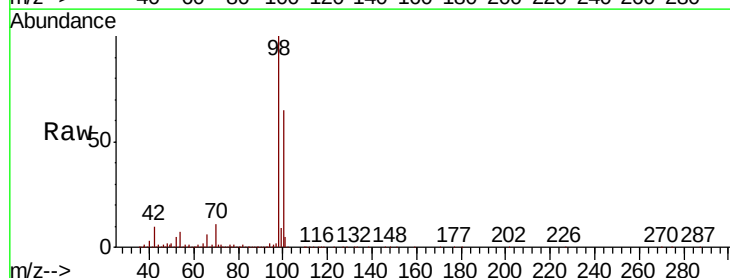
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20181210

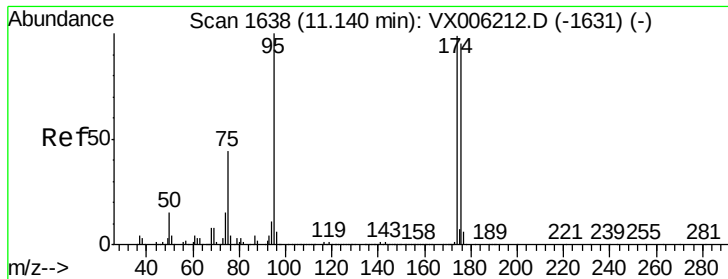
Tot Ion: 88 Resp: 2818
Ion Ratio Lower Upper
88 100
43 57.8 23.2 34.8#
58 49.6 51.4 77.0#



#50
Toluene-d8
Concen: 50.728 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006572.D
Acq: 17 Dec 2018 14:59

Tgt Ion: 98 Resp: 1292167
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

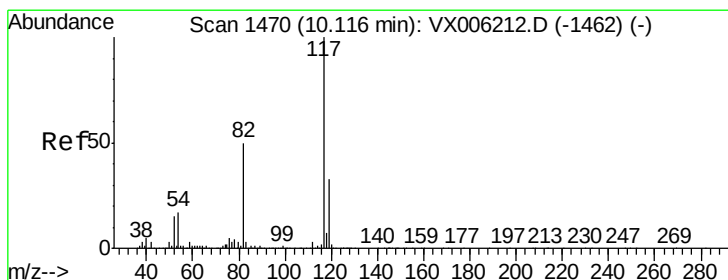
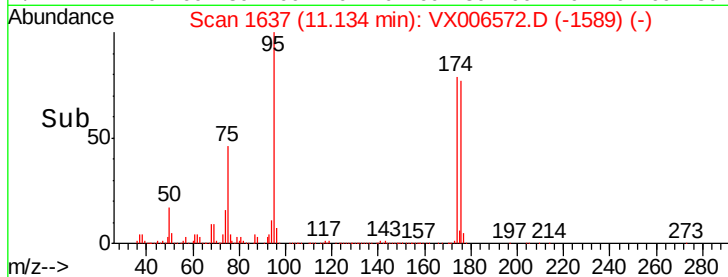
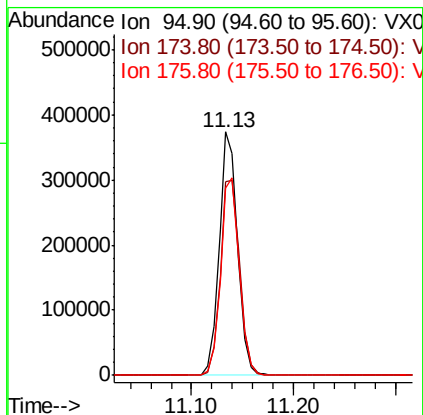
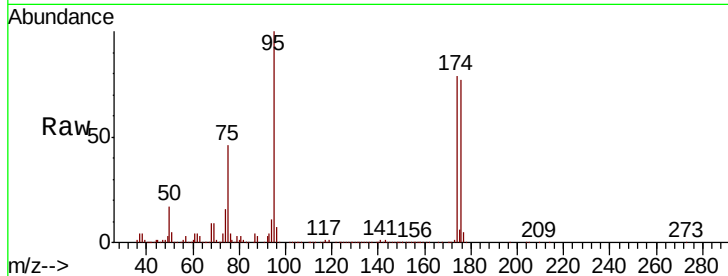




#62
4-Bromofluorobenzene
Concen: 49.079 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006572.D
Acq: 17 Dec 2018 14:59

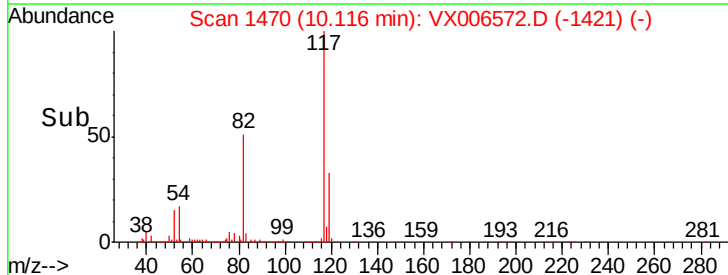
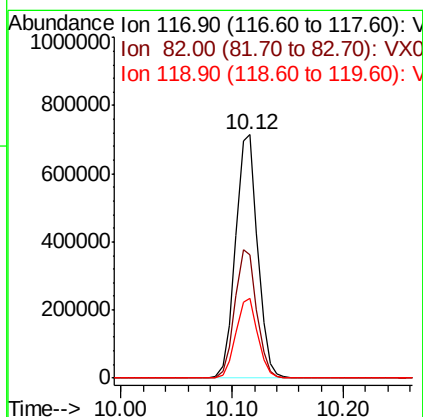
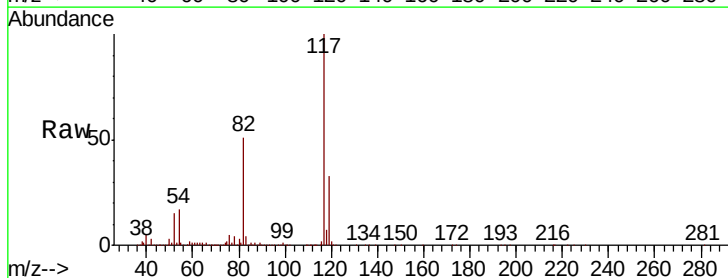
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20181210

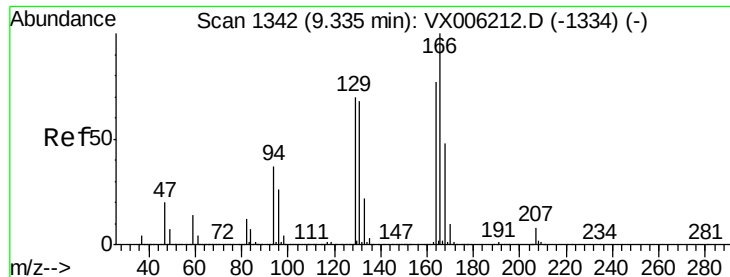
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	187.0
176	82.1	0.0	181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006572.D
Acq: 17 Dec 2018 14:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.7	39.6	59.4
119	32.7	26.3	39.5





#64

Tetrachloroethene

Concen: 1.472 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006572.D

Acq: 17 Dec 2018 14:59

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20181210

Tot Ion:164 Resp: 10898

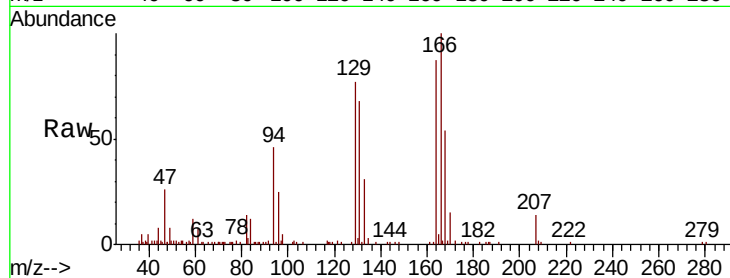
Ion Ratio Lower Upper

164 100

166 115.0 104.2 156.2

129 88.5 72.6 108.8

131 77.9 70.3 105.5



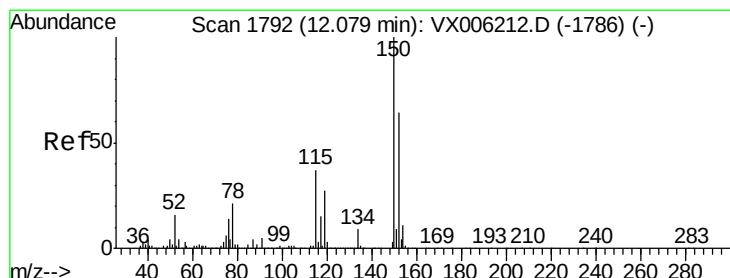
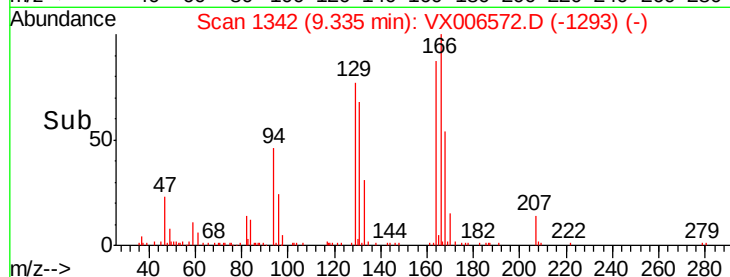
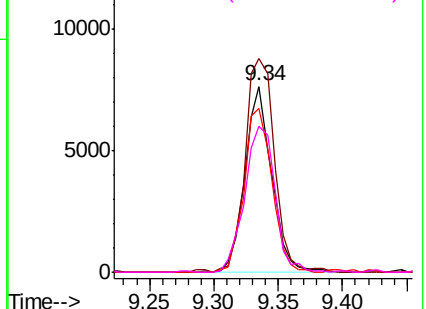
Abundance

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: VX006572.D

Acq: 17 Dec 2018 14:59

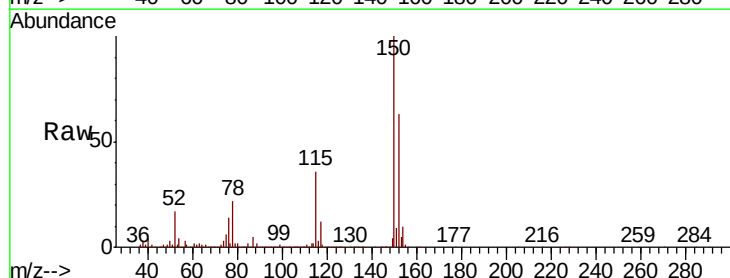
Tgt Ion:152 Resp: 469861

Ion Ratio Lower Upper

152 100

115 57.0 39.0 116.9

150 155.6 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

