

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006407.D
 Acq On : 11 Dec 2018 08:38
 Operator : JC/MD
 Sample : J6314-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30311-20181207

Quant Time: Dec 11 09:47:53 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

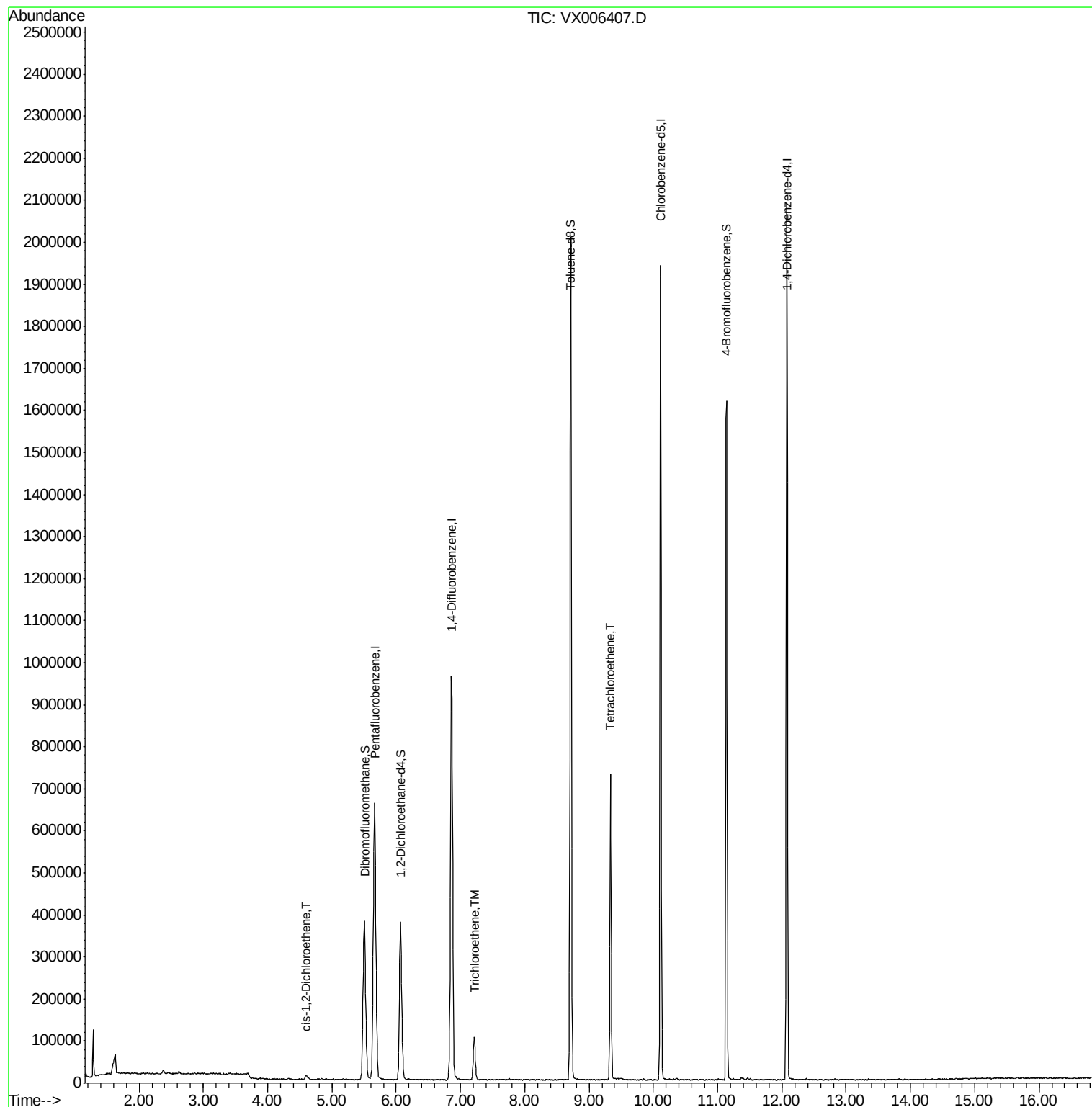
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	659762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1048052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	947873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	437031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	352706	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
35) Dibromofluoromethane	5.51	113	324334	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
50) Toluene-d8	8.71	98	1227351	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.13	95	448874	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	6001	0.846	ug/l	94
44) Trichloroethene	7.21	130	42046	5.251	ug/l	94
64) Tetrachloroethene	9.33	164	139082	19.484	ug/l	93

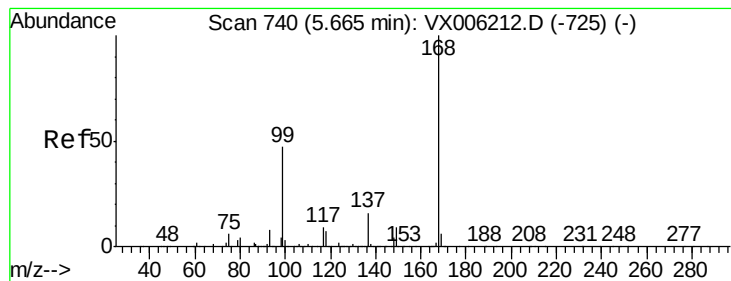
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006407.D

Acq: 11 Dec 2018 08:38

Instrument :

MSVOA_X

ClientSampleId :

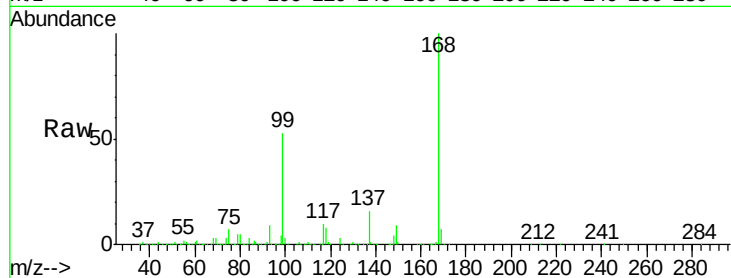
BPS1-TT-MW30311-20181207

Tot Ion:168 Resp: 659762

Ion Ratio Lower Upper

168 100

99 52.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

150000

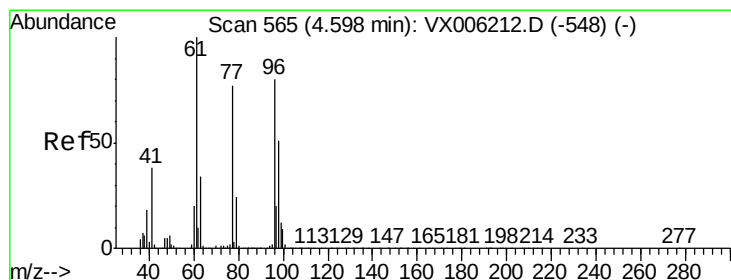
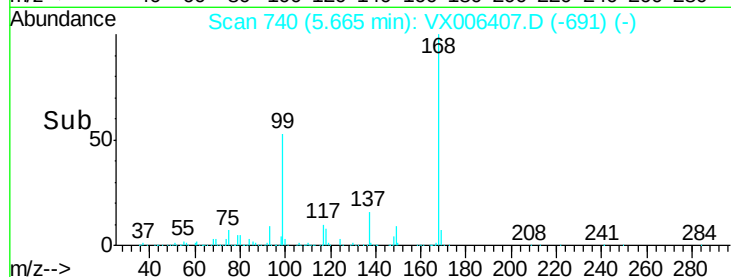
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 0.846 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX006407.D

Acq: 11 Dec 2018 08:38

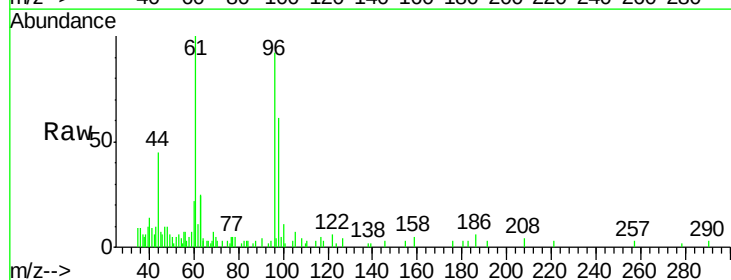
Tgt Ion: 96 Resp: 6001

Ion Ratio Lower Upper

96 100

61 126.5 0.0 265.0

98 71.8 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

4000

3000

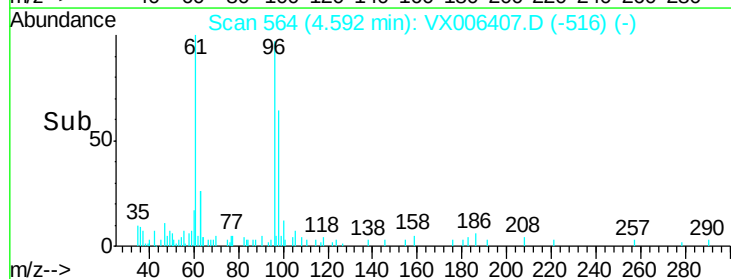
2000

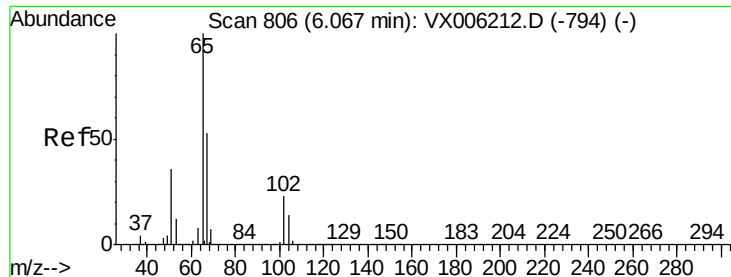
1000

0

Time-->

4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 52.368 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006407.D

Acq: 11 Dec 2018 08:38

Instrument :

MSVOA_X

ClientSampleId :

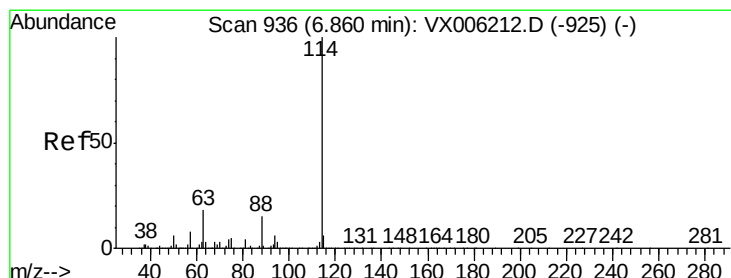
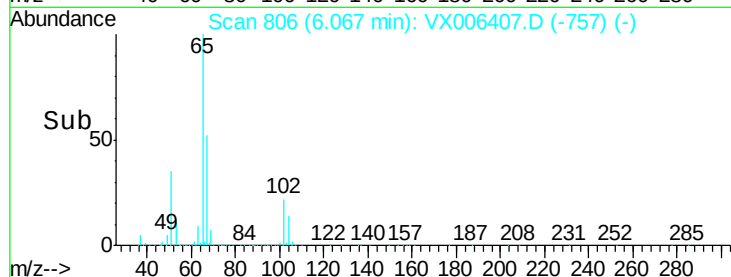
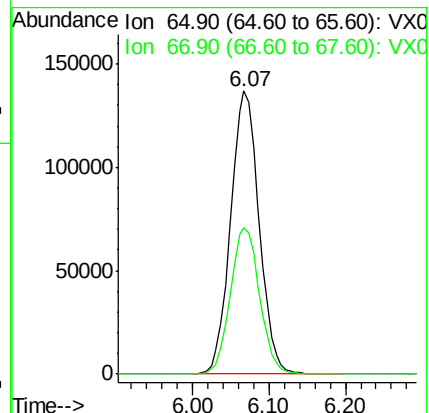
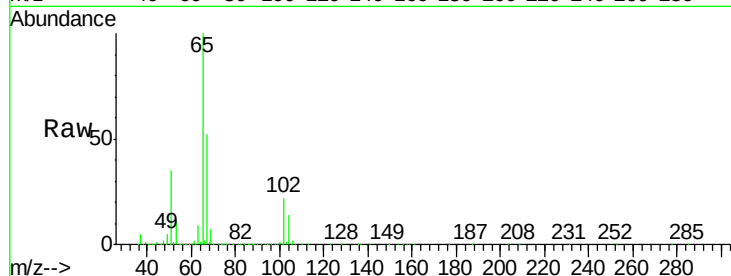
BPS1-TT-MW30311-20181207

Tot Ion: 65 Resp: 352706

Ion Ratio Lower Upper

65 100

67 53.0 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: VX006407.D

Acq: 11 Dec 2018 08:38

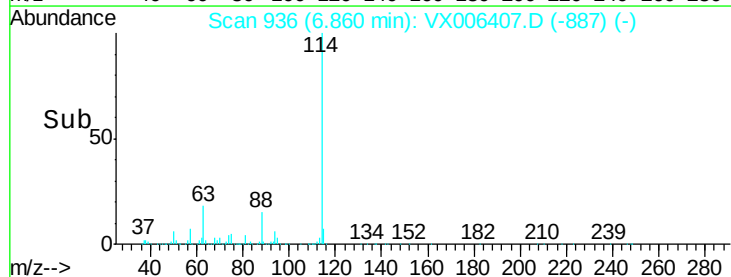
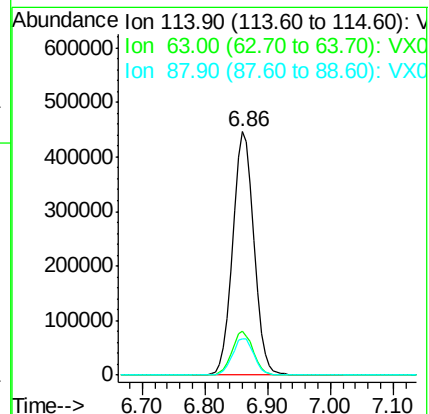
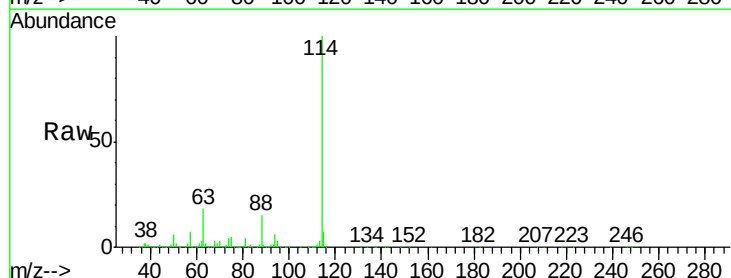
Tgt Ion: 114 Resp: 1048052

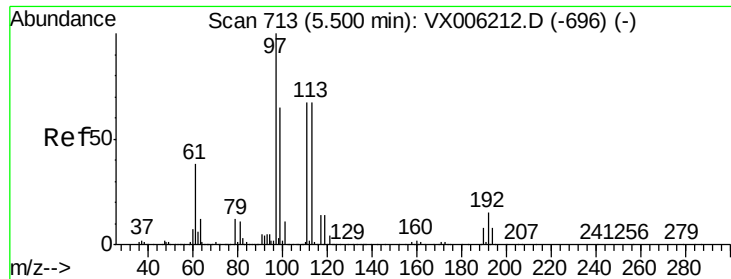
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.796 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006407.D

Acq: 11 Dec 2018 08:38

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30311-20181207

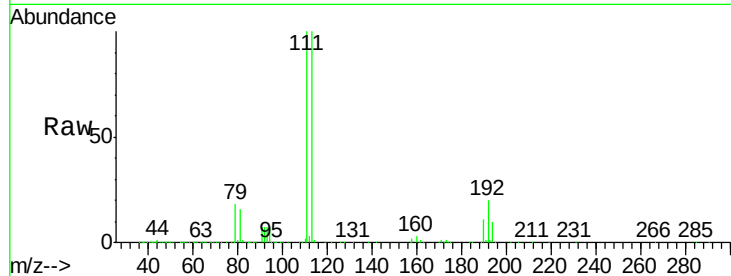
Tot Ion:113 Resp: 324334

Ion Ratio Lower Upper

113 100

111 101.6 81.1 121.7

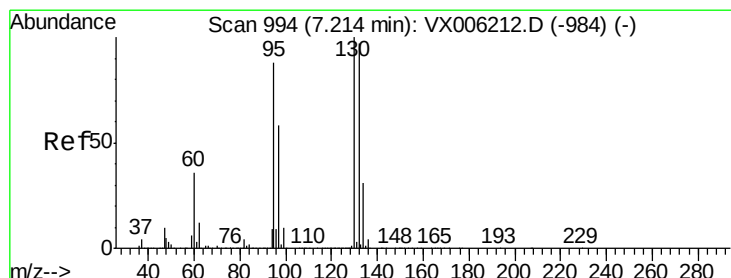
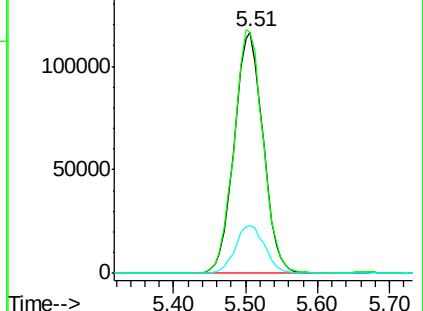
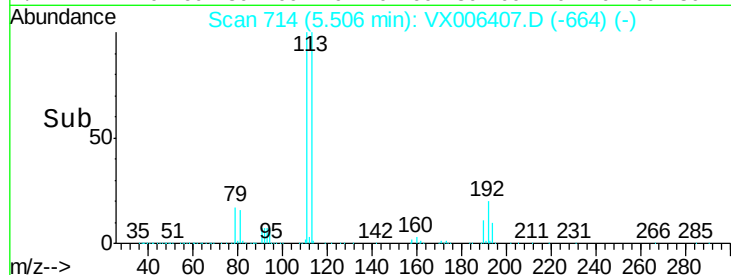
192 20.3 18.2 27.2



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: 5.251 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006407.D

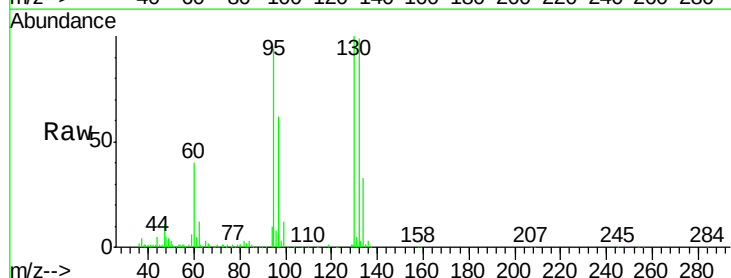
Acq: 11 Dec 2018 08:38

Tgt Ion:130 Resp: 42046

Ion Ratio Lower Upper

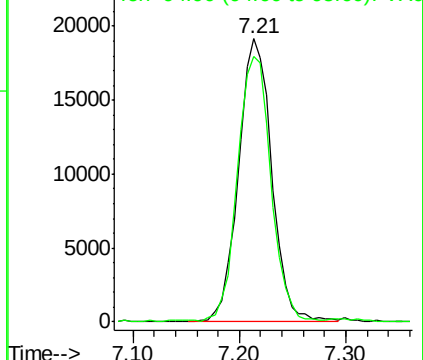
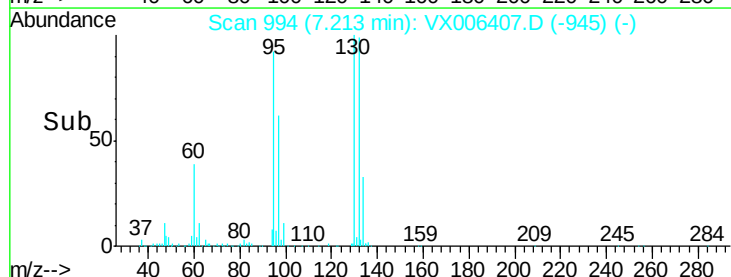
130 100

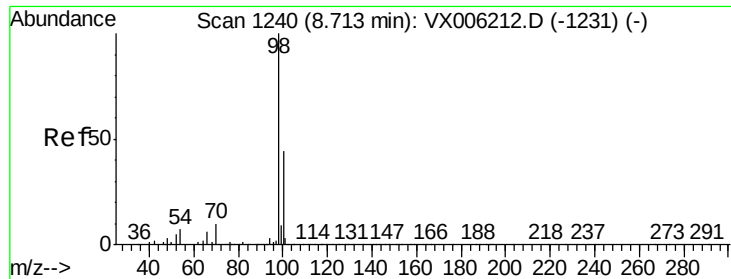
95 93.1 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

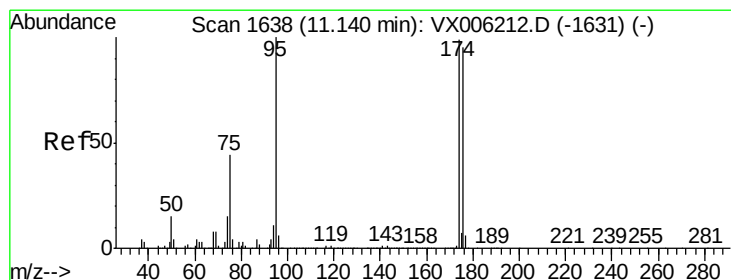
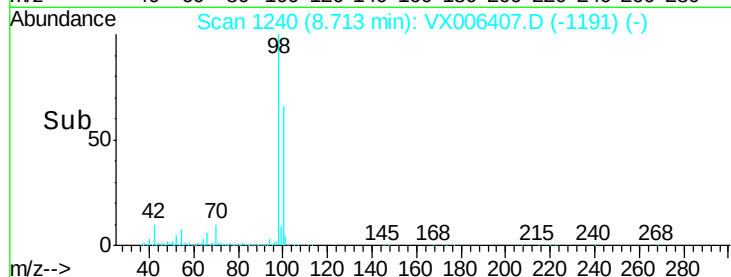
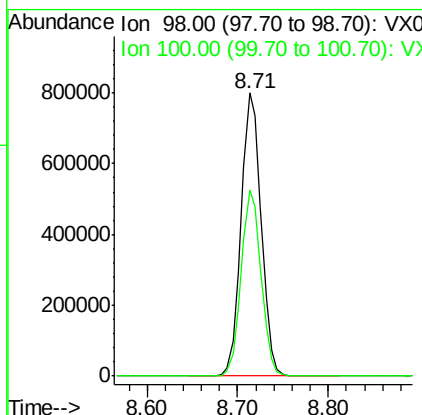
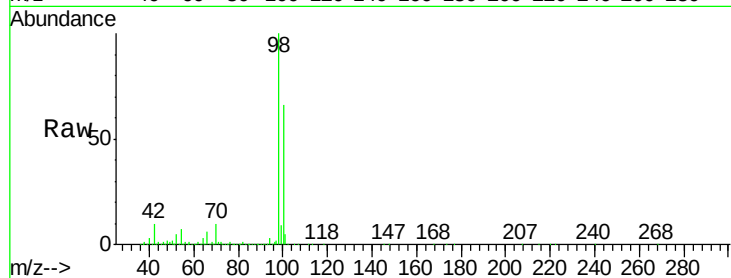




#50
Toluene-d8
Concen: 49.725 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006407.D
Acq: 11 Dec 2018 08:38

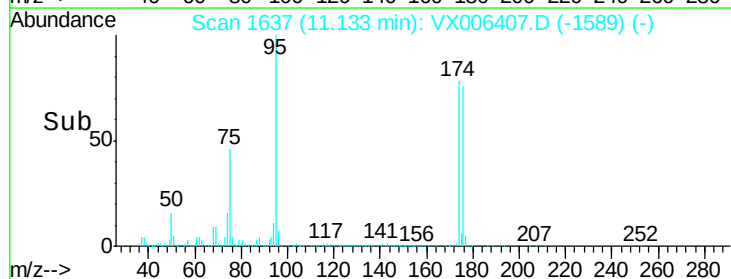
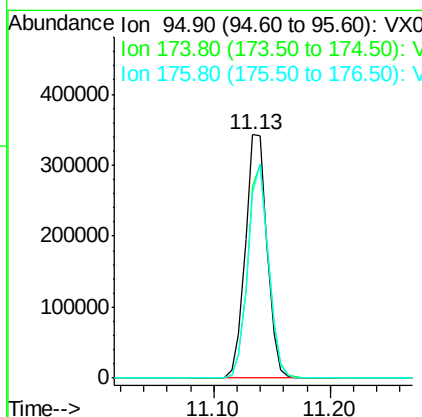
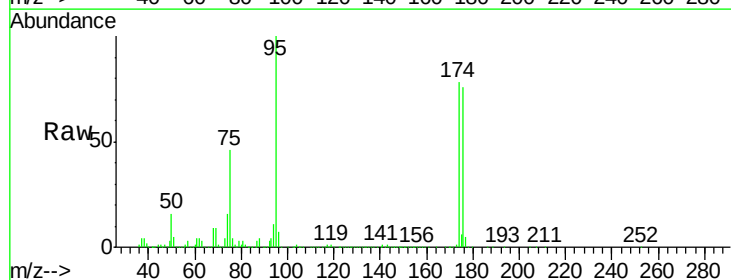
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ClientSampleId :
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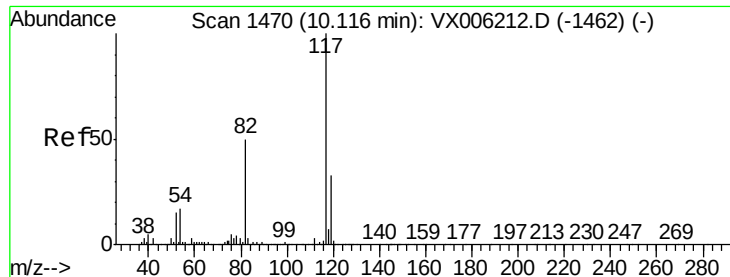
Tot Ion: 98 Resp: 1227351
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.260 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006407.D
Acq: 11 Dec 2018 08:38

Tgt Ion: 95 Resp: 448874
Ion Ratio Lower Upper
95 100
174 84.1 0.0 187.0
176 83.2 0.0 181.8

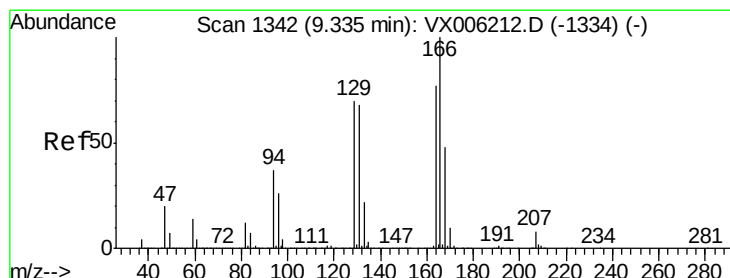
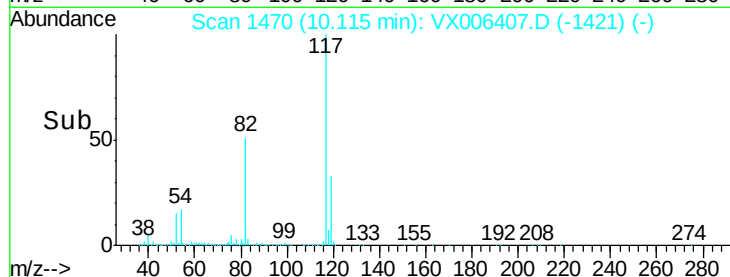
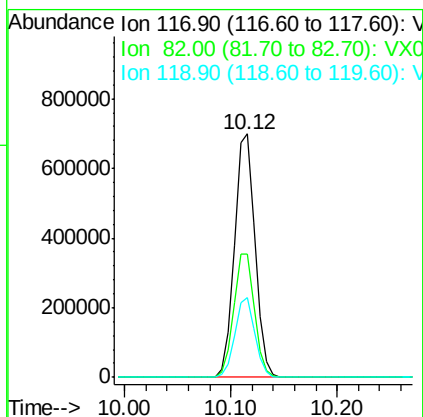
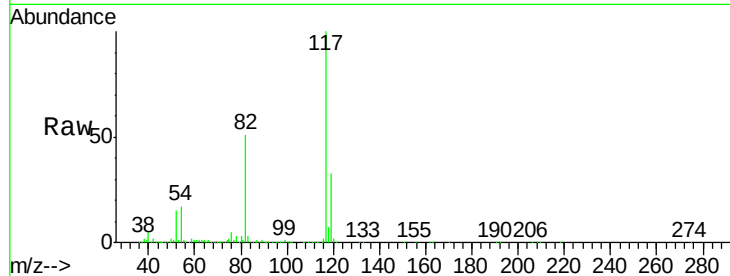




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006407.D
Acq: 11 Dec 2018 08:38

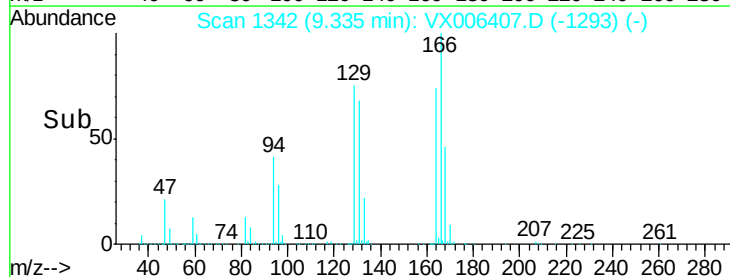
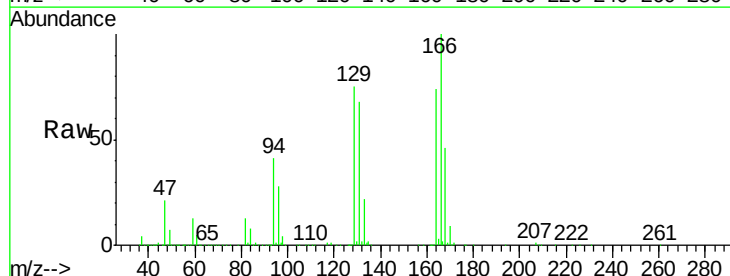
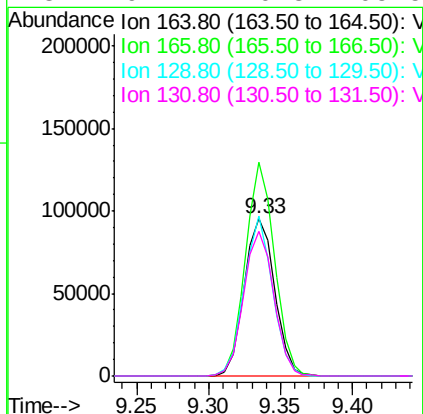
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30311-20181207

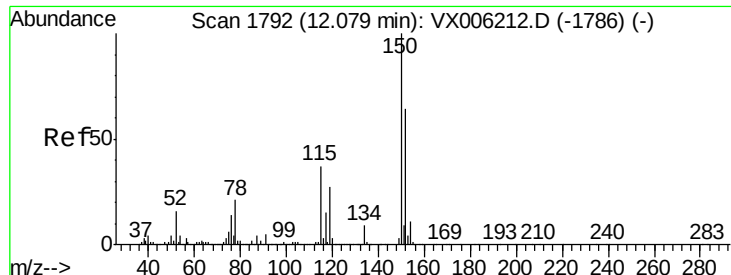
Tot Ion:117 Resp: 947873
Ion Ratio Lower Upper
117 100
82 50.6 39.6 59.4
119 32.6 26.3 39.5



#64
Tetrachloroethene
Concen: 19.484 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006407.D
Acq: 11 Dec 2018 08:38

Tgt Ion:164 Resp: 139082
Ion Ratio Lower Upper
164 100
166 135.9 104.2 156.2
129 101.7 72.6 108.8
131 92.1 70.3 105.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006407.D

Acq: 11 Dec 2018 08:38

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I1-20181207

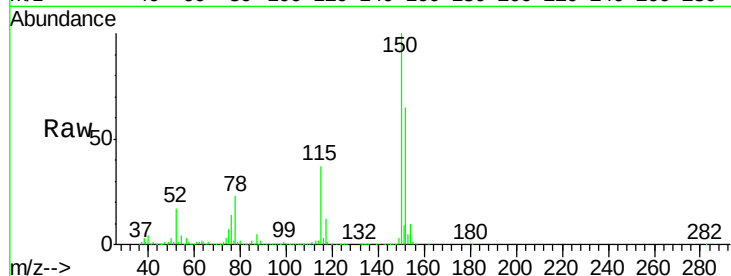
Tot Ion:152 Resp: 437031

Ion Ratio Lower Upper

152 100

115 57.7 39.0 116.9

150 154.9 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

