

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006376.D
 Acq On : 10 Dec 2018 17:58
 Operator : JC/MD
 Sample : J6288-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302D-20181205

Quant Time: Dec 11 04:37:40 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

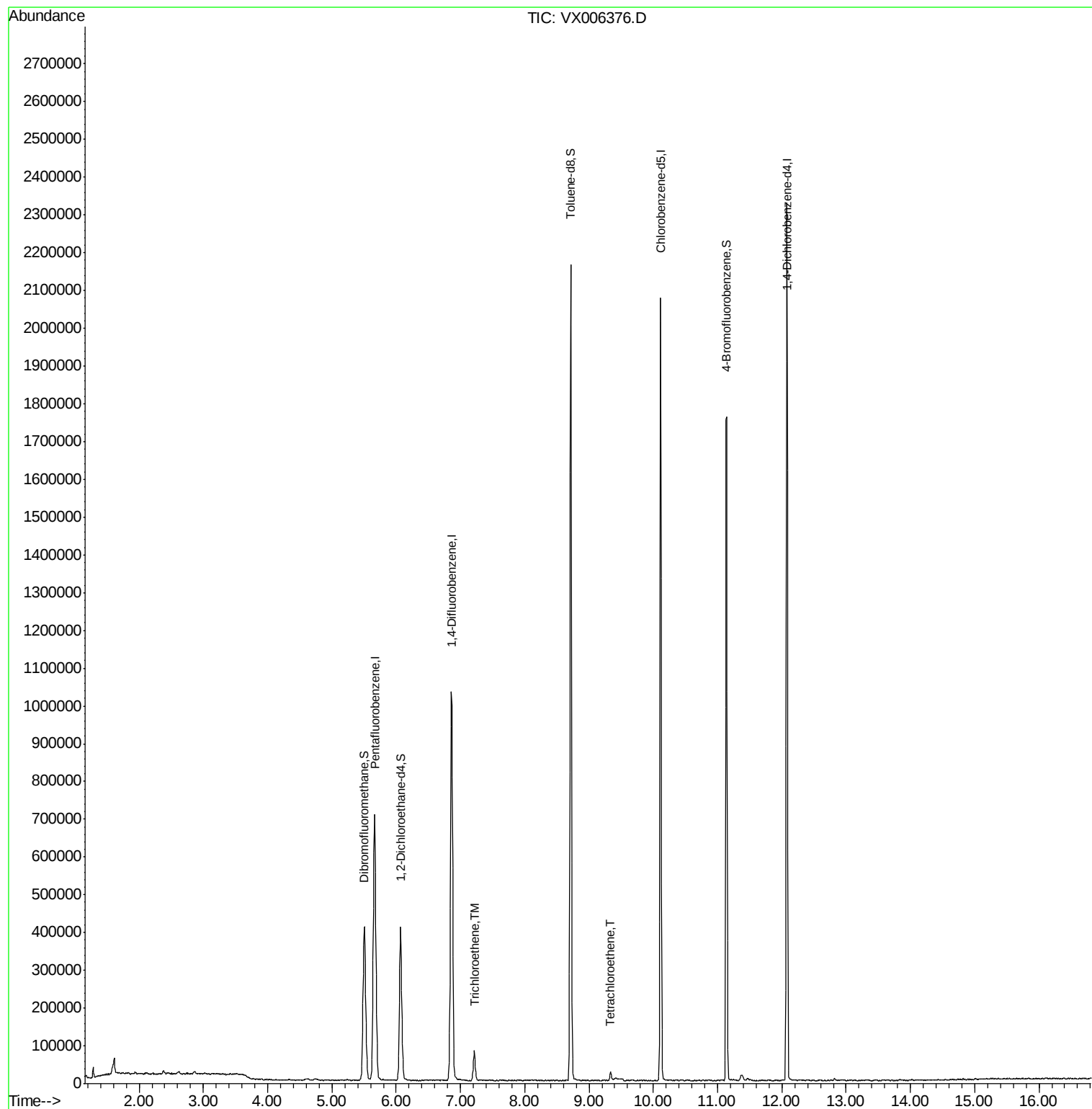
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	737382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1137096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1029877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	501393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	374611	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
35) Dibromofluoromethane	5.50	113	353103	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
50) Toluene-d8	8.71	98	1320087	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	486951	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
Target Compounds						
44) Trichloroethene	7.21	130	31118	3.582	ug/l	94
64) Tetrachloroethene	9.33	164	3295	0.425	ug/l	89

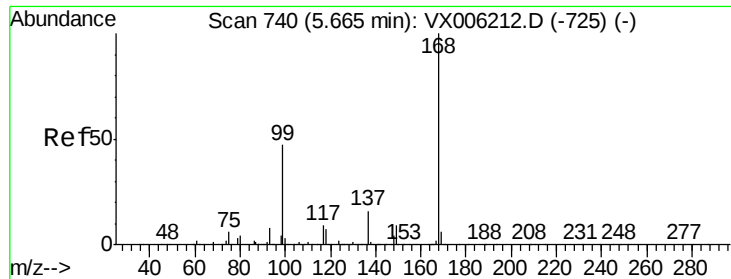
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006376.D

Acq: 10 Dec 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

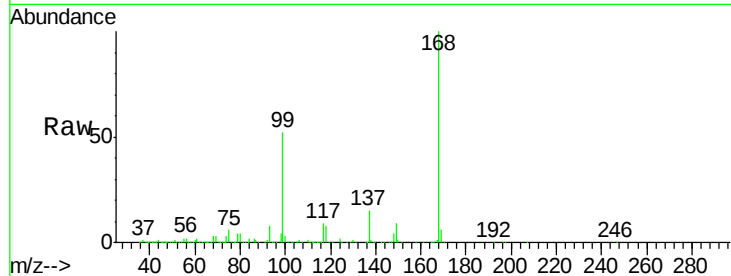
BPS1-TT-MW302D-20181205

Tot Ion:168 Resp: 737382

Ion Ratio Lower Upper

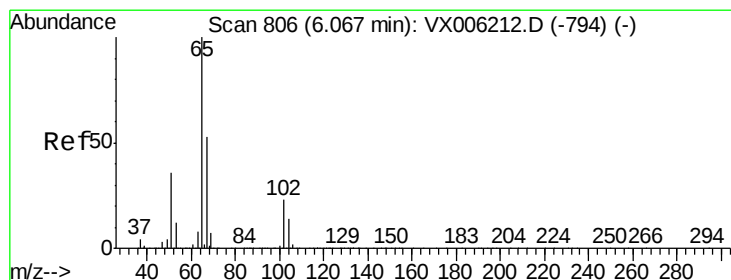
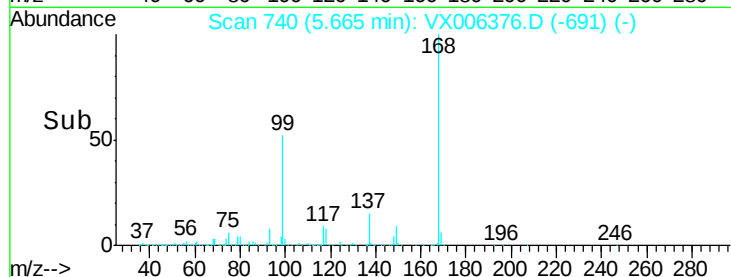
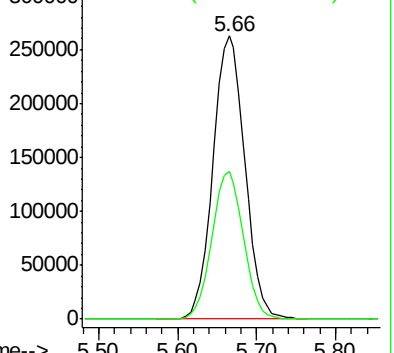
168 100

99 52.1 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: 49.766 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006376.D

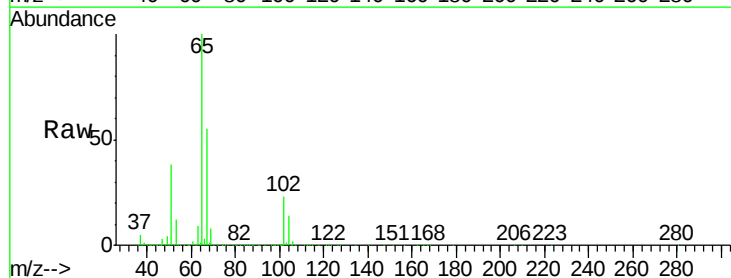
Acq: 10 Dec 2018 17:58

Tgt Ion: 65 Resp: 374611

Ion Ratio Lower Upper

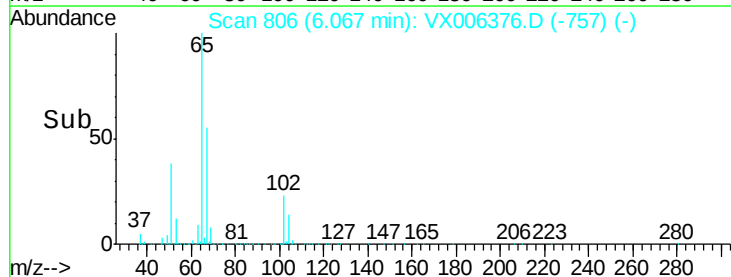
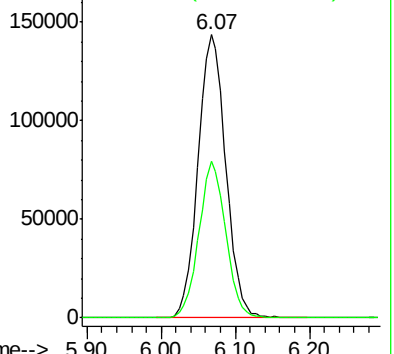
65 100

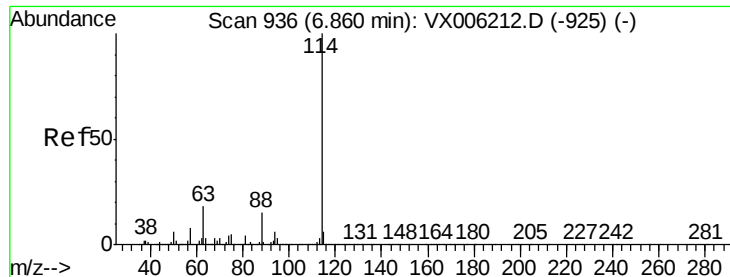
67 53.2 0.0 107.2



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: VX006376.D

Acq: 10 Dec 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW302D-20181205

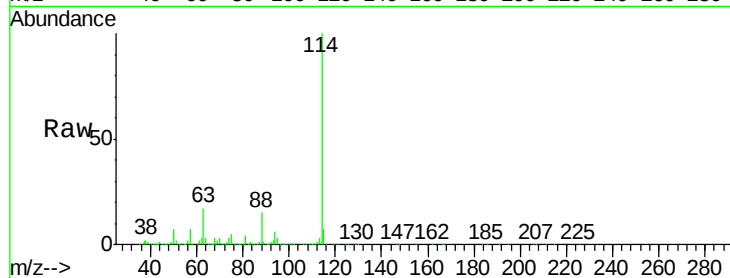
Tot Ion:114 Resp: 1137096

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

88 15.1 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

600000

500000

400000

300000

200000

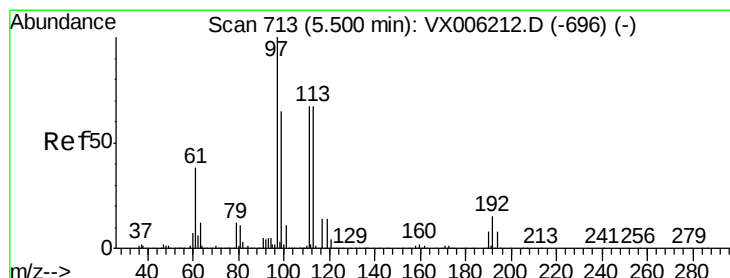
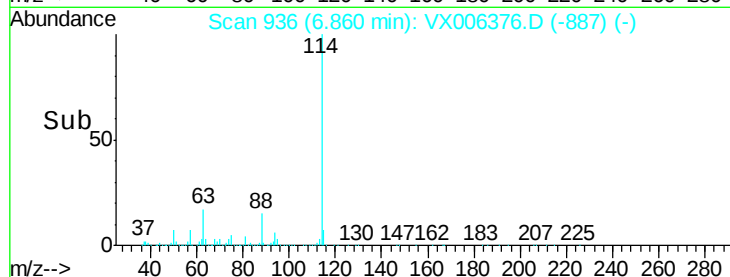
100000

0

6.86

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 47.961 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006376.D

Acq: 10 Dec 2018 17:58

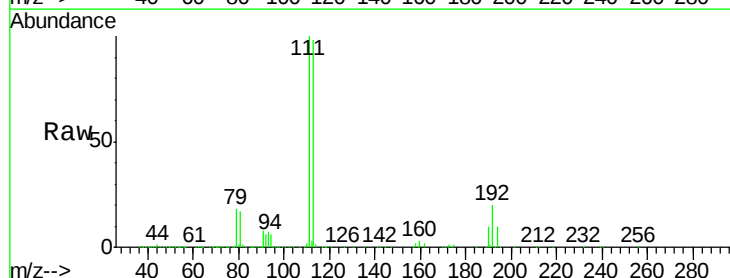
Tgt Ion:113 Resp: 353103

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

192 21.6 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

150000

100000

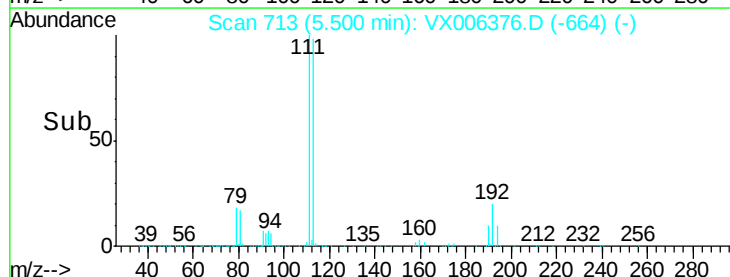
50000

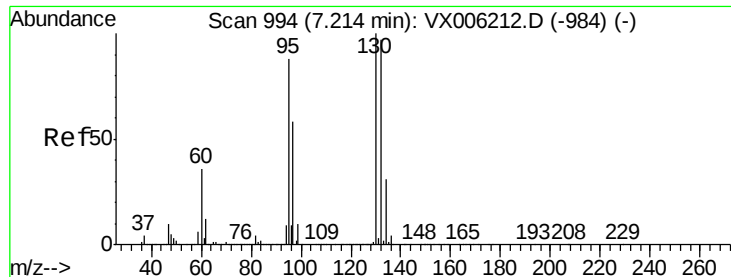
0

5.50

5.40 5.50 5.60

Time-->





#44

Trichloroethene

Concen: 3.582 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006376.D

Acq: 10 Dec 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

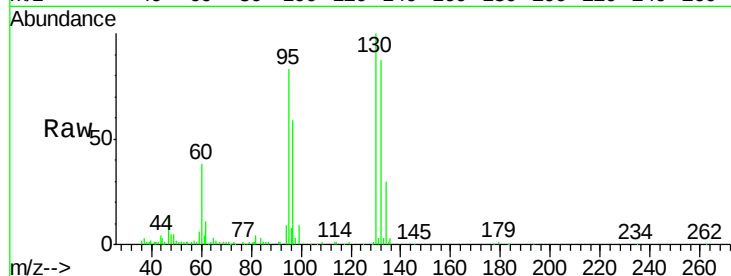
BPS1-TT-MW302D-20181205

Tot Ion:130 Resp: 31118

Ion Ratio Lower Upper

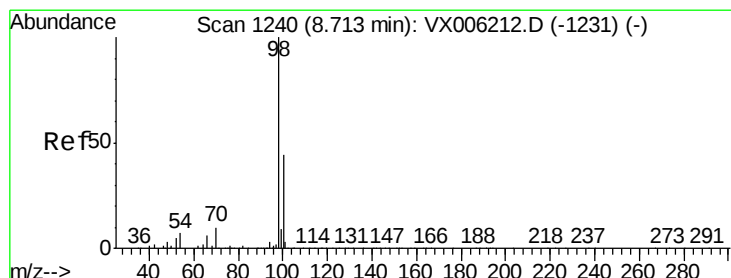
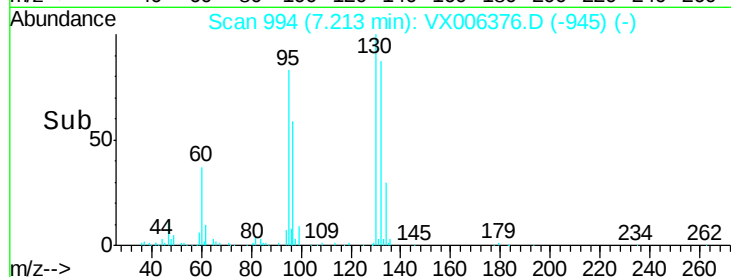
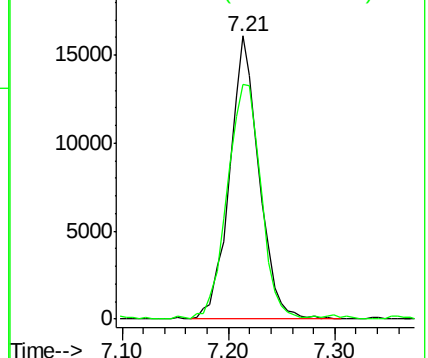
130 100

95 82.7 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.294 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006376.D

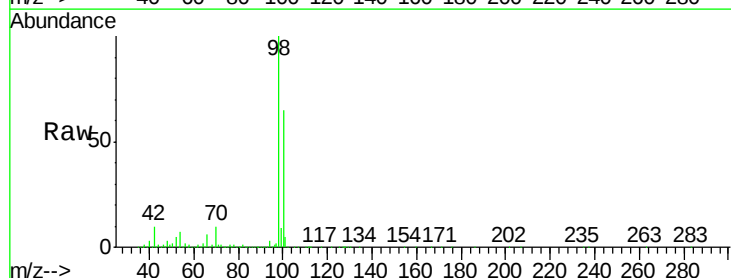
Acq: 10 Dec 2018 17:58

Tgt Ion: 98 Resp: 1320087

Ion Ratio Lower Upper

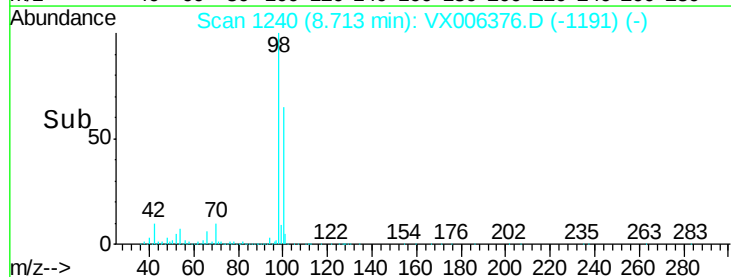
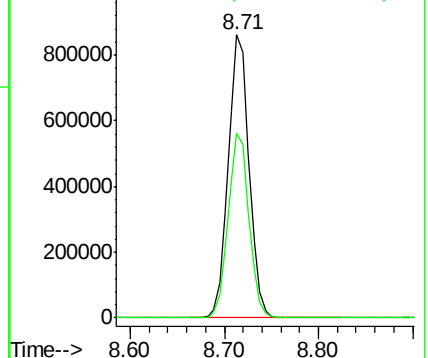
98 100

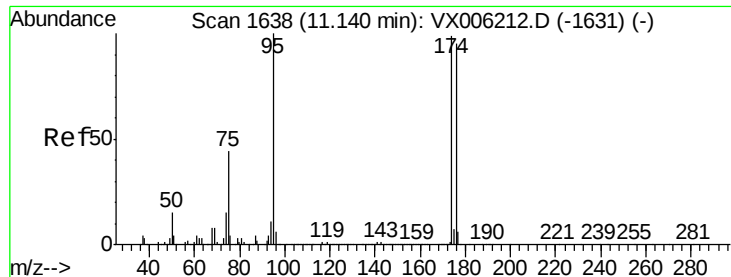
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.254 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006376.D

Acq: 10 Dec 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW302D-20181205

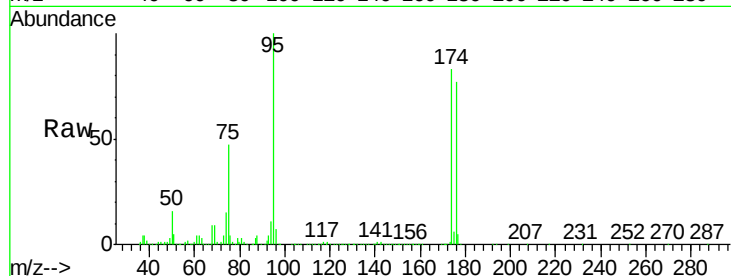
Tot Ion: 95 Resp: 486951

Ion Ratio Lower Upper

95 100

174 89.3 0.0 187.0

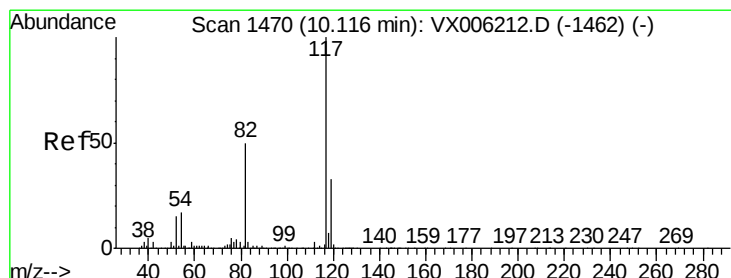
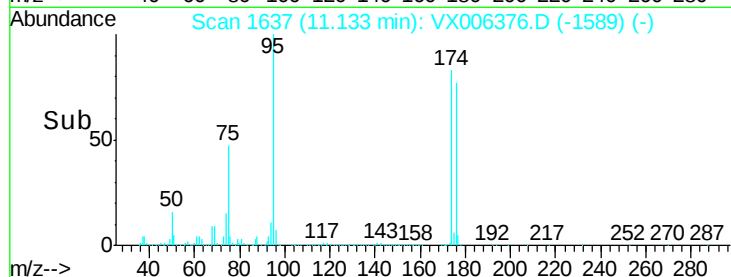
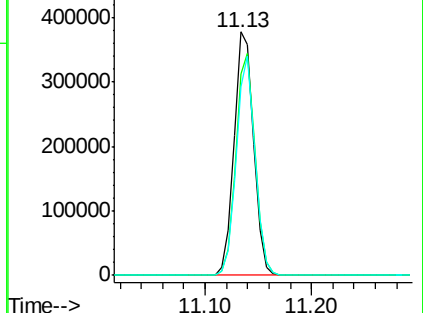
176 86.4 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006376.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006376.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006376.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006376.D

Acq: 10 Dec 2018 17:58

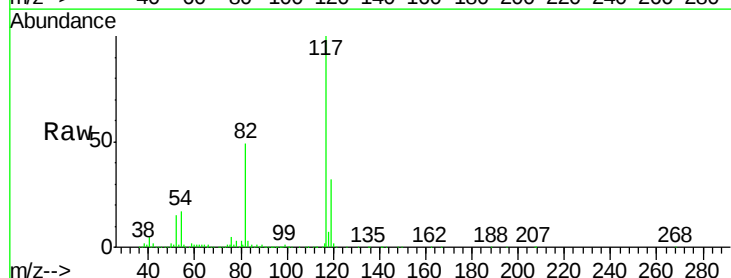
Tgt Ion: 117 Resp: 1029877

Ion Ratio Lower Upper

117 100

82 49.2 39.6 59.4

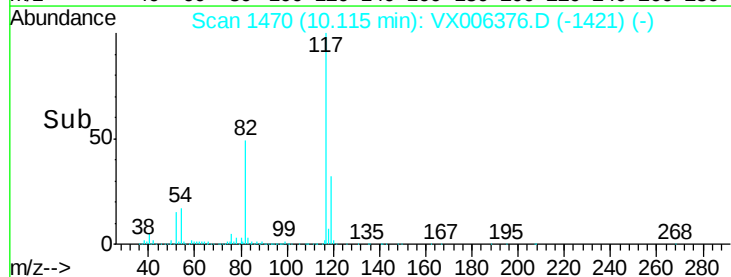
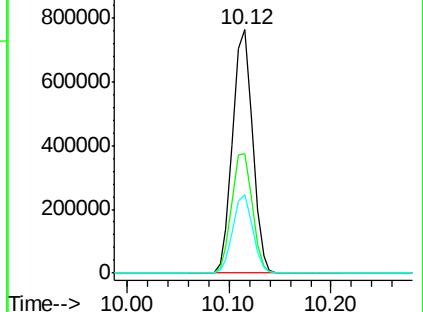
119 32.1 26.3 39.5

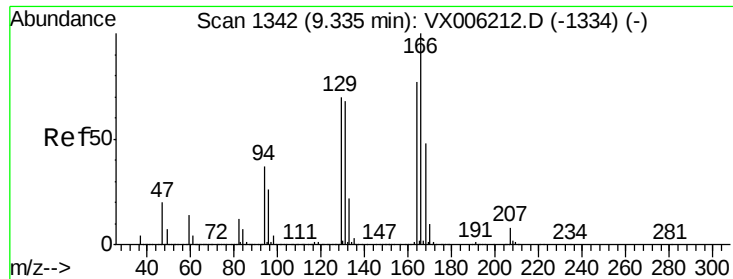


Abundance Ion 116.90 (116.60 to 117.60): VX006376.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006376.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006376.D (-1421) (-)

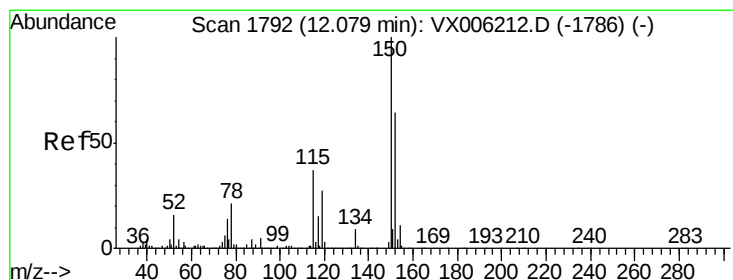
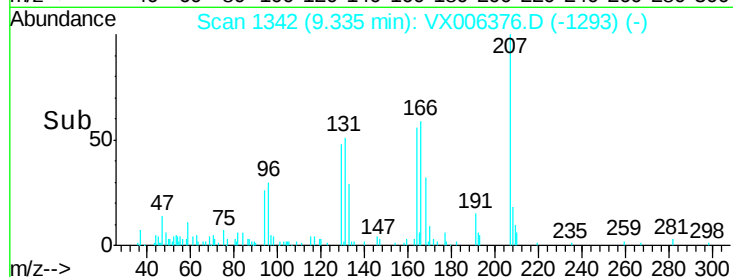
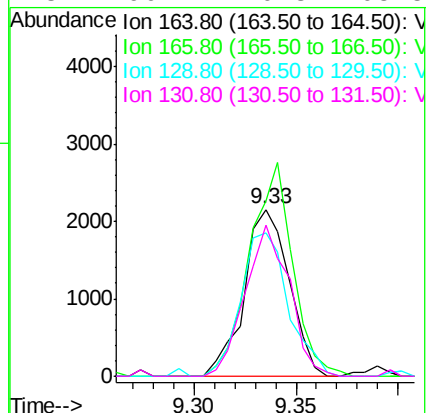
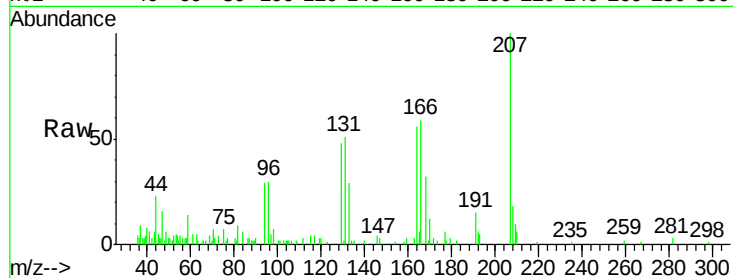




#64
Tetrachloroethene
Concen: 0.425 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006376.D
Acq: 10 Dec 2018 17:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW302D-20181205

Tot Ion:	164	Resp:	3295
Ion	Ratio	Lower	Upper
164	100		
166	105.5	104.2	156.2
129	85.7	72.6	108.8
131	90.7	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: VX006376.D
Acq: 10 Dec 2018 17:58

Tgt Ion:	152	Resp:	501393
Ion	Ratio	Lower	Upper
152	100		
115	56.0	39.0	116.9
150	157.3	0.0	345.8

