

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006895.D
 Acq On : 03 Jan 2019 15:25
 Operator : JC/MD
 Sample : K1029-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW12 123118

Quant Time: Jan 04 04:42:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

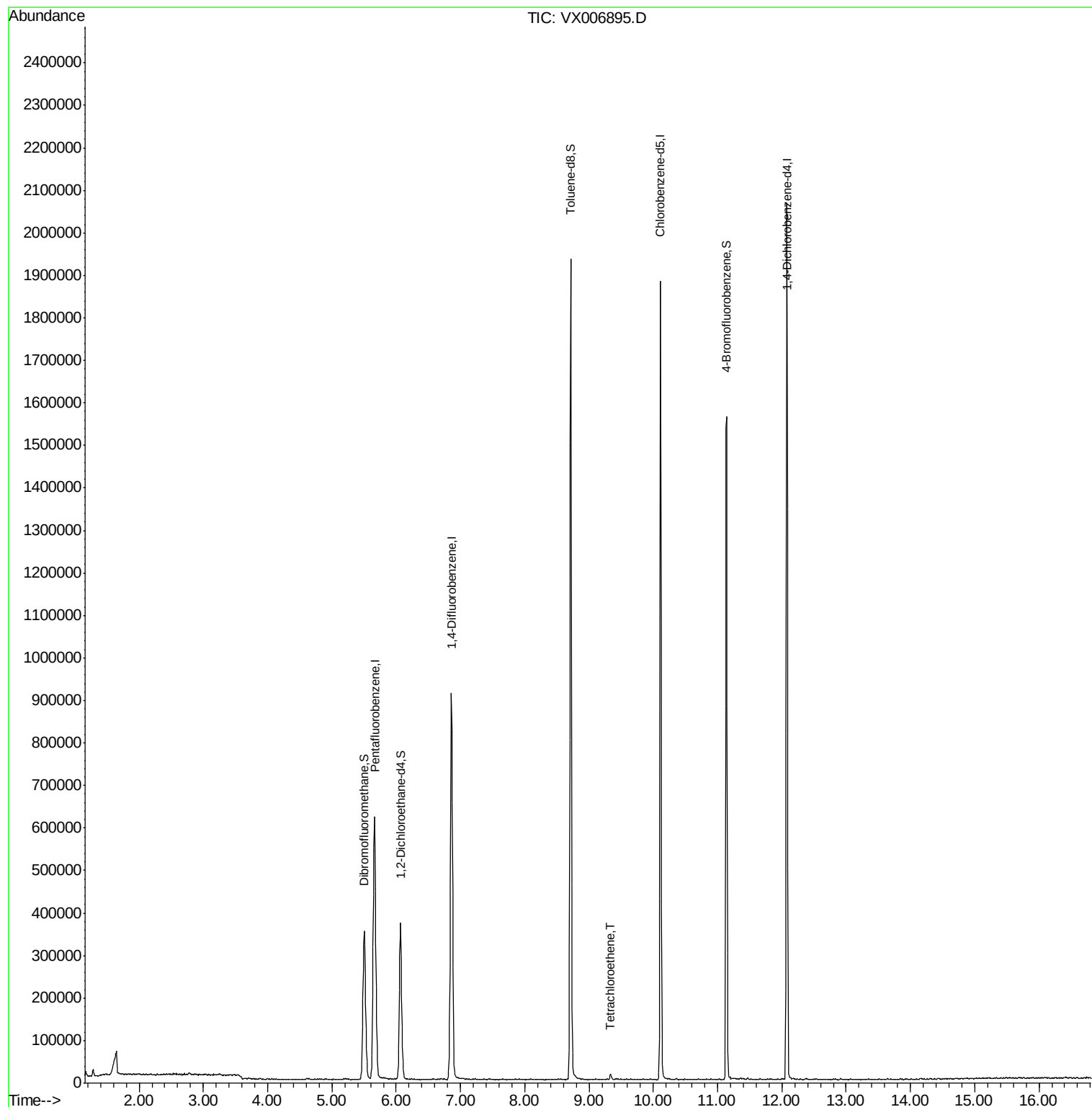
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	648268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	977046	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	903499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	335212	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	5.50	113	301933	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	8.71	98	1163250	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	410439	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
64) Tetrachloroethene	9.33	164	2388	0.334	ug/l	91

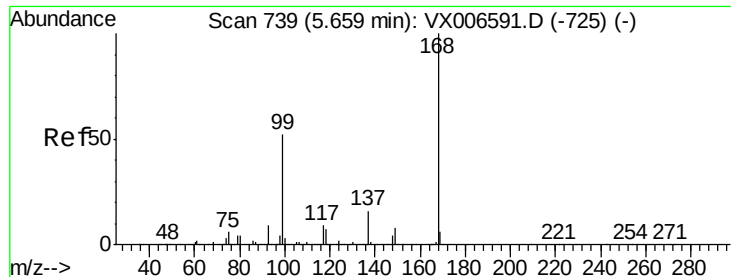
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006895.D

Acq: 03 Jan 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

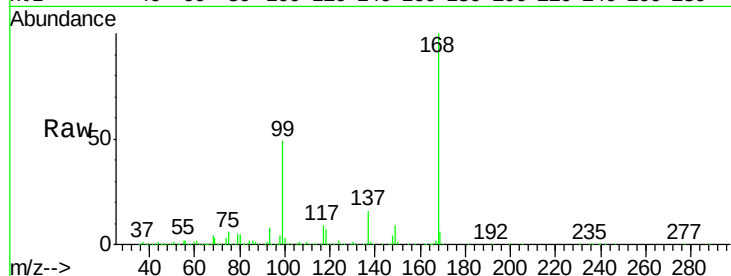
MW12 123118

Tot Ion:168 Resp: 648268

Ion Ratio Lower Upper

168 100

99 48.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

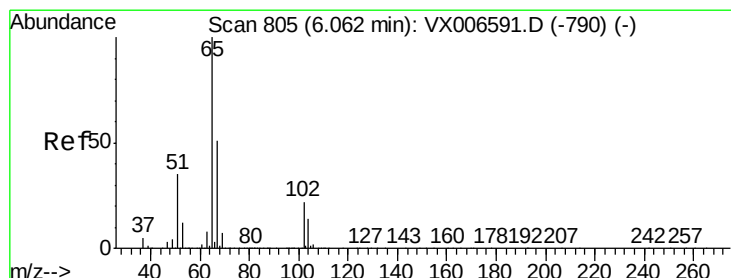
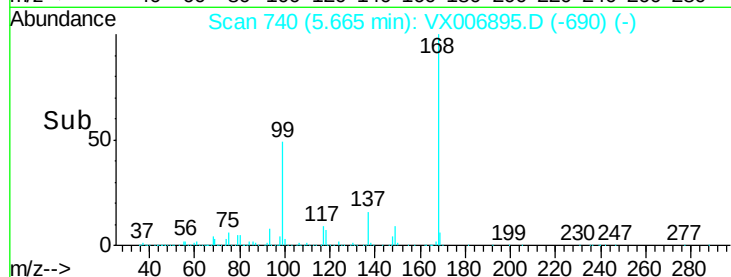
5.50

5.60

5.70

5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.978 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006895.D

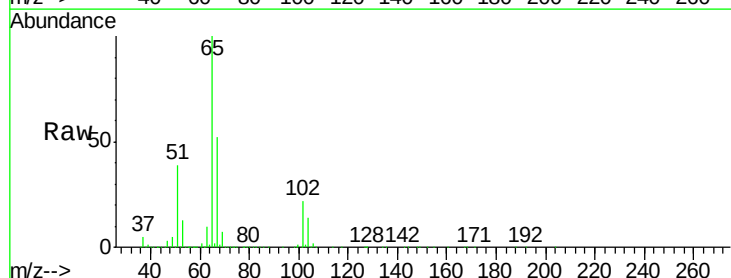
Acq: 03 Jan 2019 15:25

Tgt Ion: 65 Resp: 335212

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

100000

50000

0

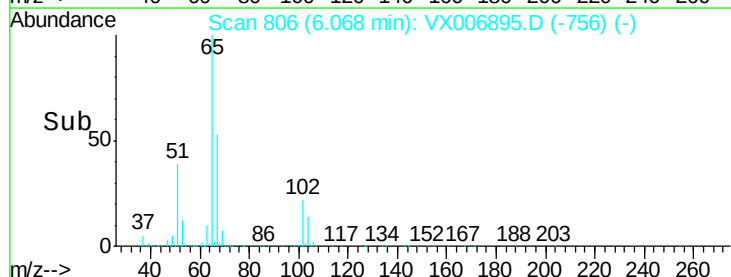
5.90

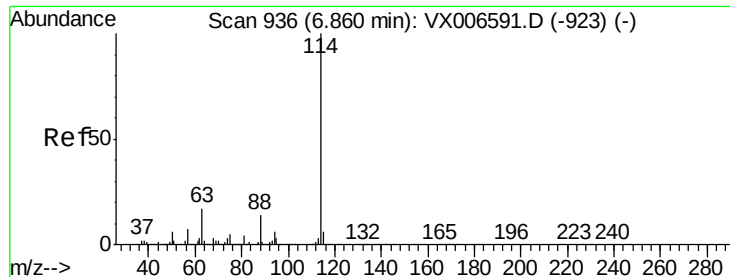
6.00

6.10

6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006895.D

Acq: 03 Jan 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

MW12 123118

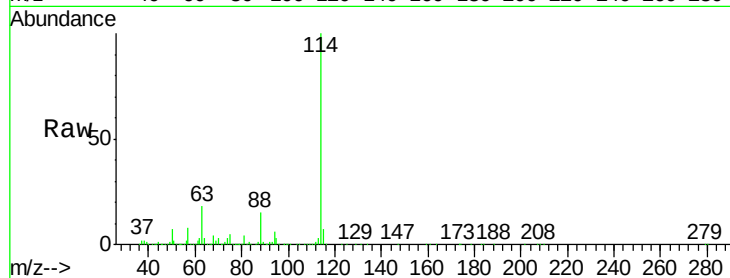
Tot Ion:114 Resp: 977046

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

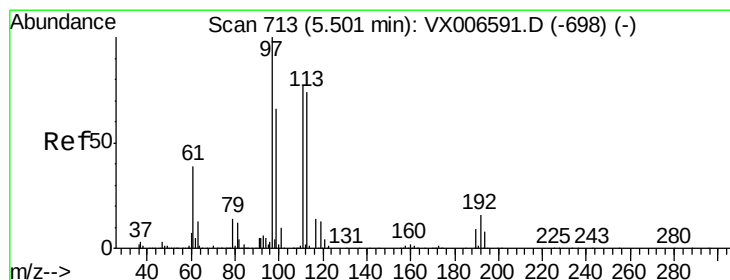
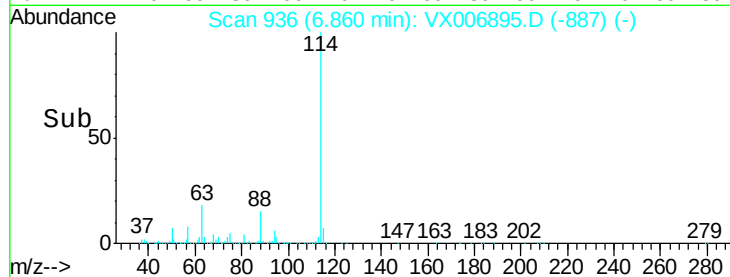
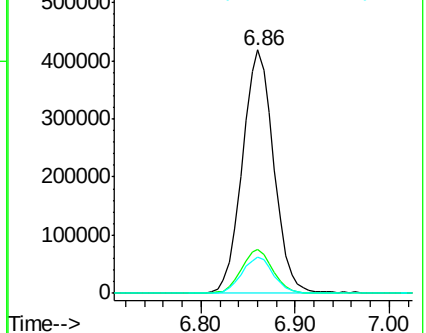
88 15.0 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 48.867 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006895.D

Acq: 03 Jan 2019 15:25

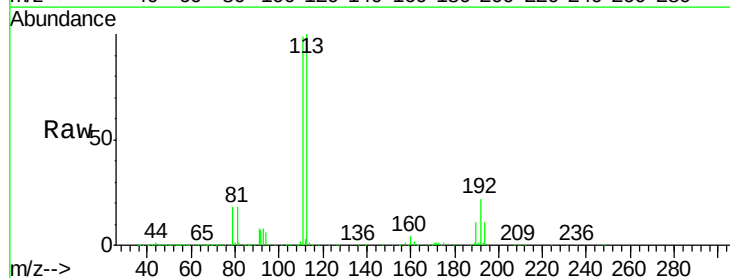
Tgt Ion:113 Resp: 301933

Ion Ratio Lower Upper

113 100

111 99.9 81.6 122.4

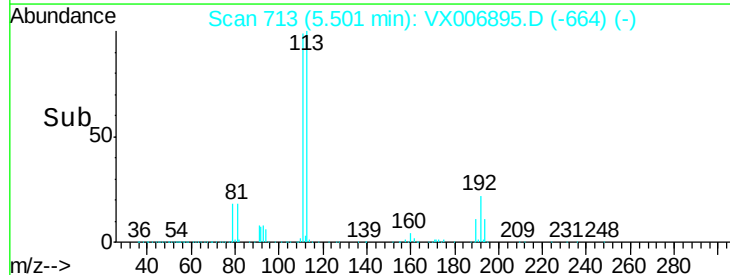
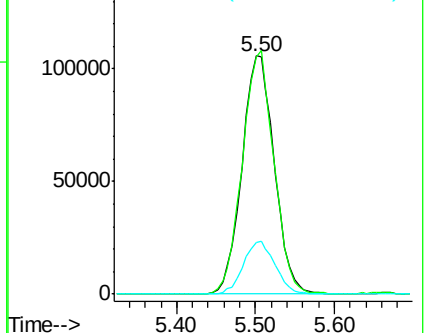
192 22.0 16.7 25.1

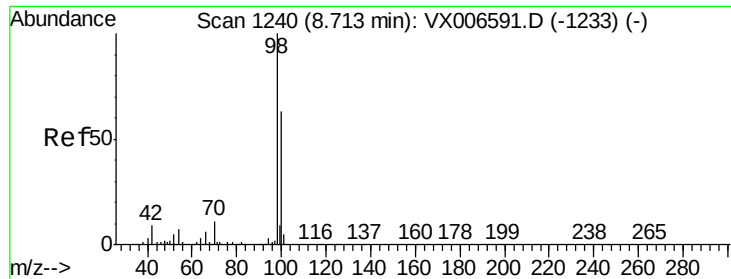


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

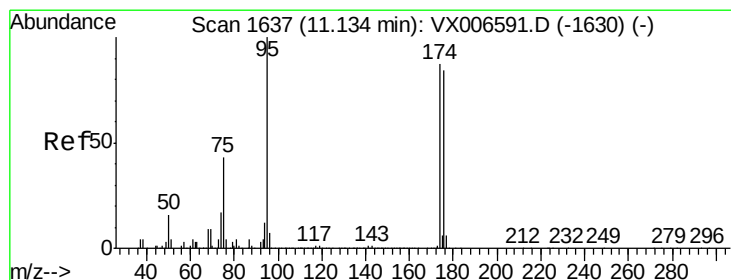
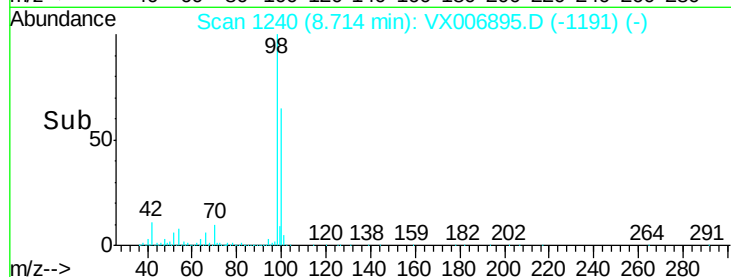
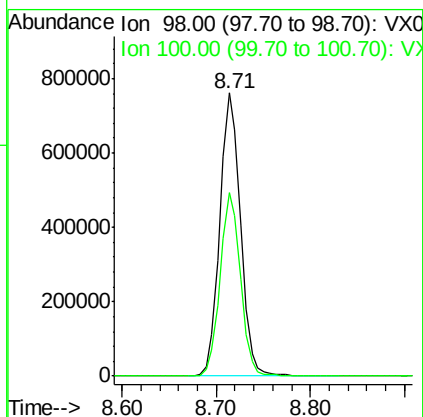
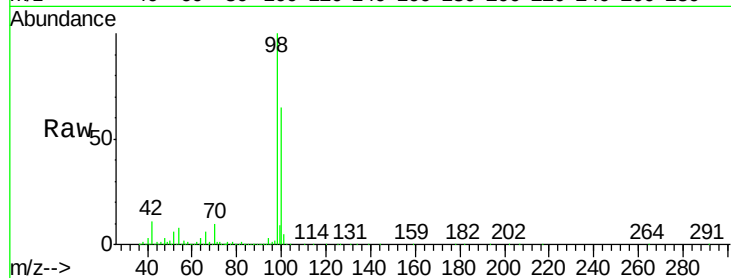




#50
Toluene-d8
Concen: 49.938 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006895.D
Acq: 03 Jan 2019 15:25

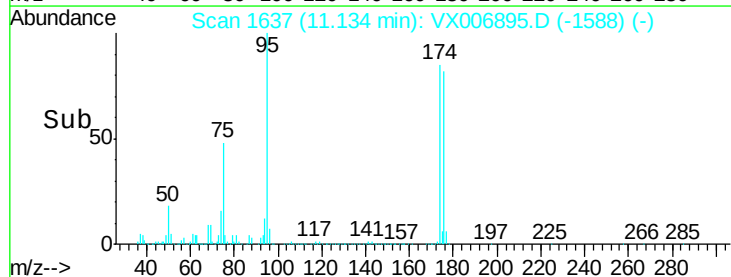
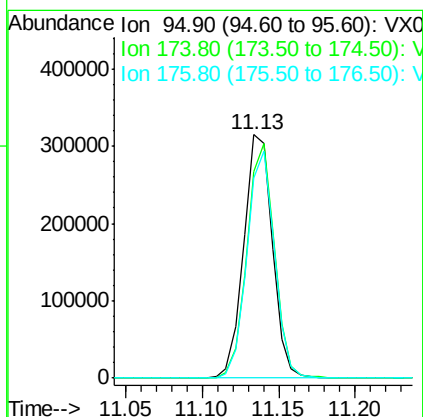
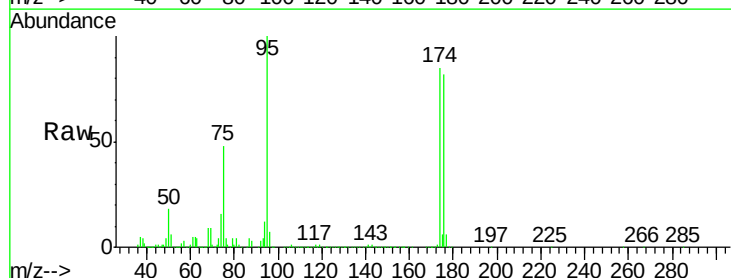
Instrument :
MSVOA_X
ClientSampleId :
MW12_123118

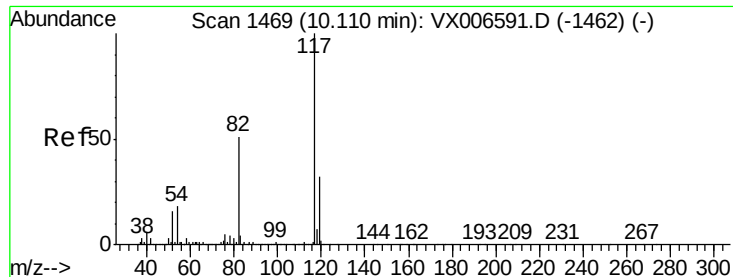
Tot Ion: 98 Resp: 1163250
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.111 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006895.D
Acq: 03 Jan 2019 15:25

Tgt Ion: 95 Resp: 410439
Ion Ratio Lower Upper
95 100
174 92.5 0.0 182.2
176 89.6 0.0 178.8

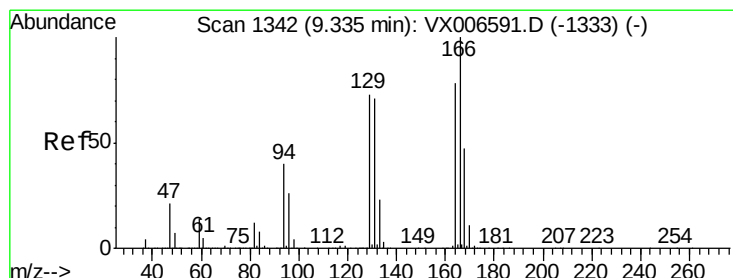
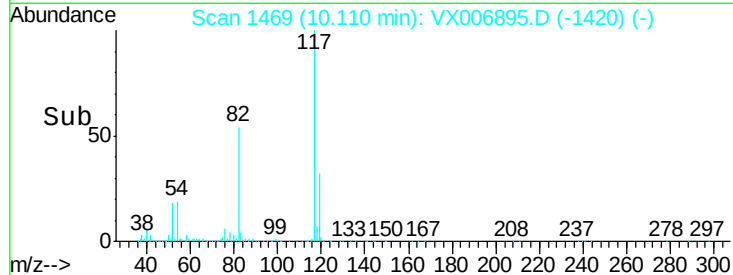
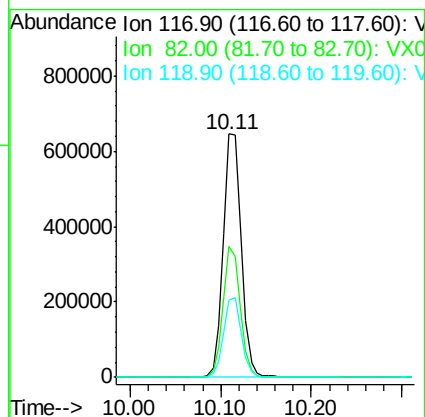
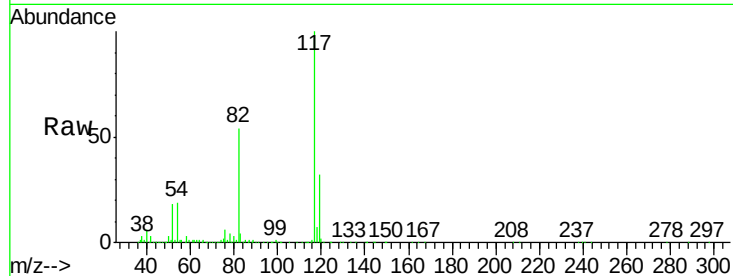




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006895.D
Acq: 03 Jan 2019 15:25

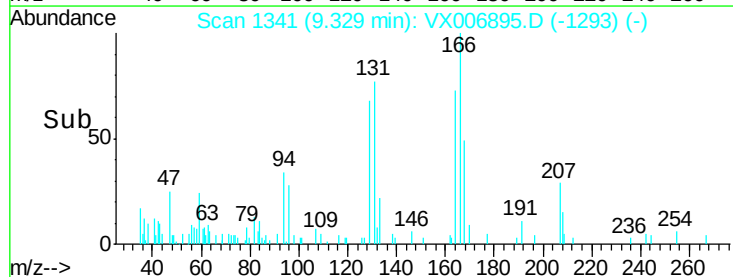
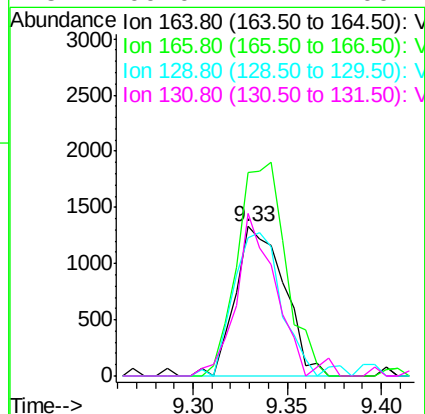
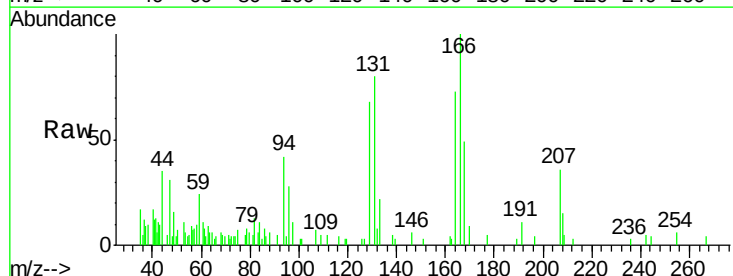
Instrument :
MSVOA_X
ClientSampleId :
MW12_123118

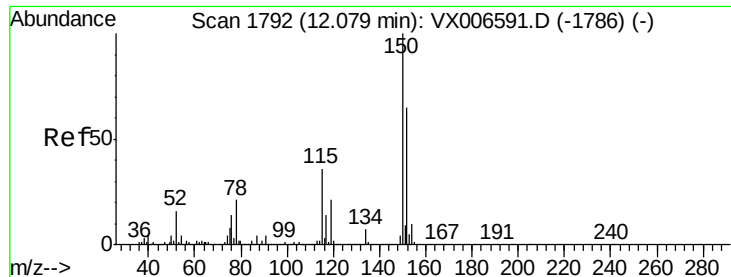
Tot Ion:117 Resp: 903499
Ion Ratio Lower Upper
117 100
82 53.7 41.0 61.6
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 0.334 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX006895.D
Acq: 03 Jan 2019 15:25

Tgt Ion:164 Resp: 2388
Ion Ratio Lower Upper
164 100
166 136.1 102.5 153.7
129 92.4 75.1 112.7
131 109.0 72.7 109.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006895.D

Acq: 03 Jan 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

MW12_123118

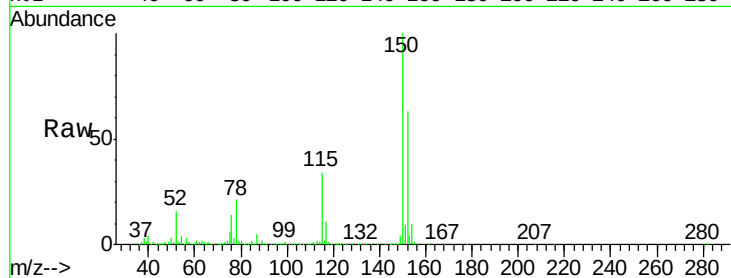
Tot Ion:152 Resp: 438634

Ion Ratio Lower Upper

152 100

115 55.1 39.1 117.2

150 155.4 0.0 344.8



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

