

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007801.D
 Acq On : 01 Mar 2019 20:20
 Operator : JC/SP
 Sample : K1708-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Mar 01 23:25:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	330779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	514794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	487426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234087	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	189124	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	
35) Dibromofluoromethane	5.50	113	172520	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
50) Toluene-d8	8.71	98	631314	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.13	95	227436	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	

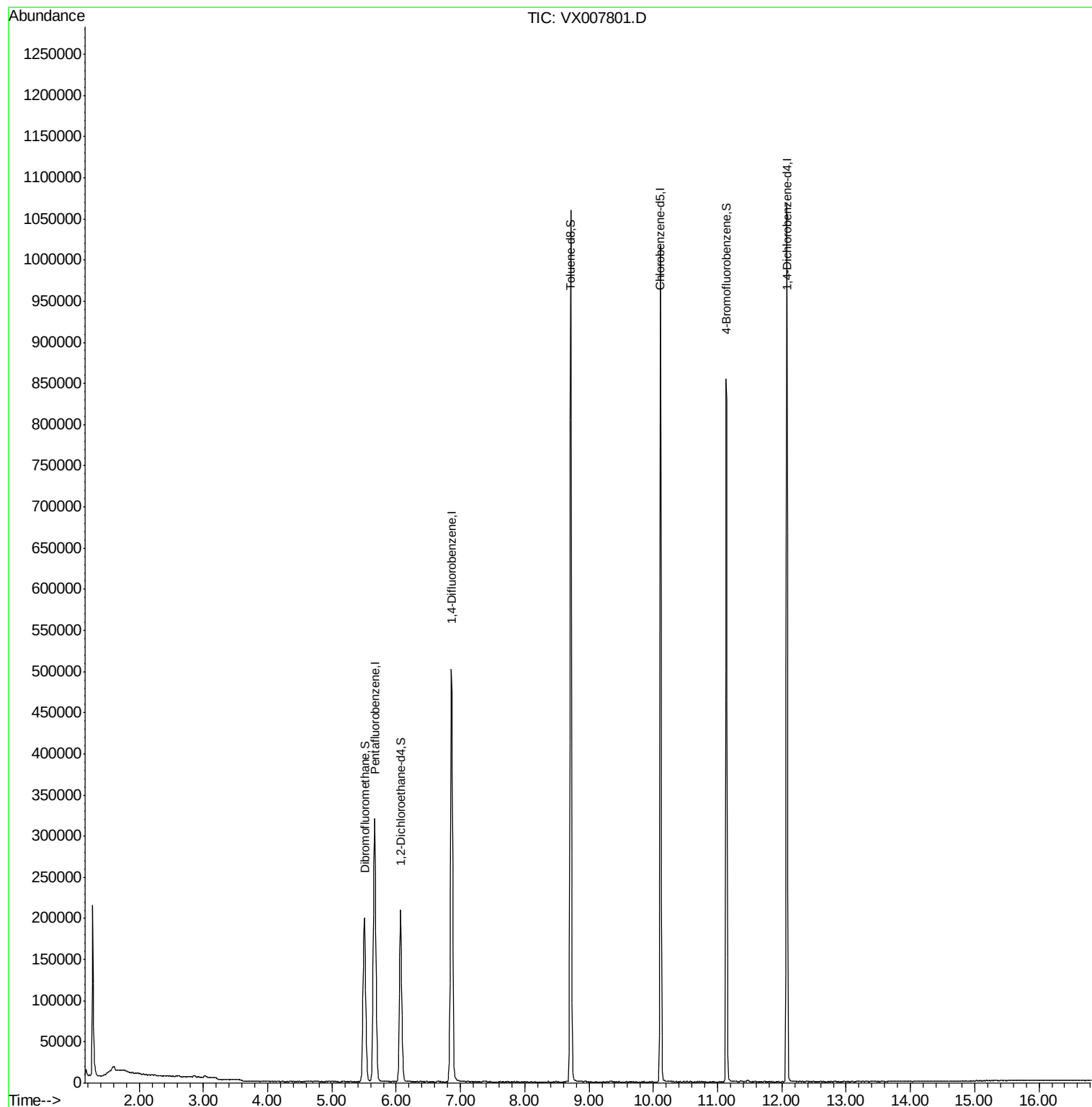
Target Compounds	Qvalue
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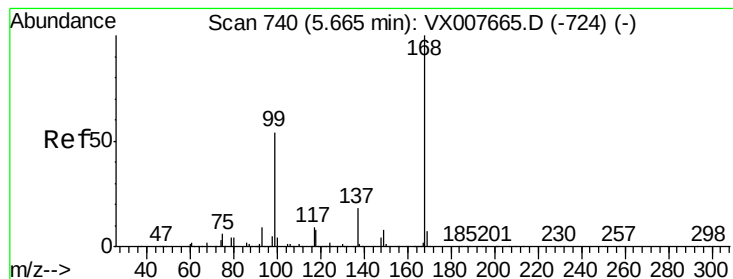
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007801.D

Acq: 01 Mar 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

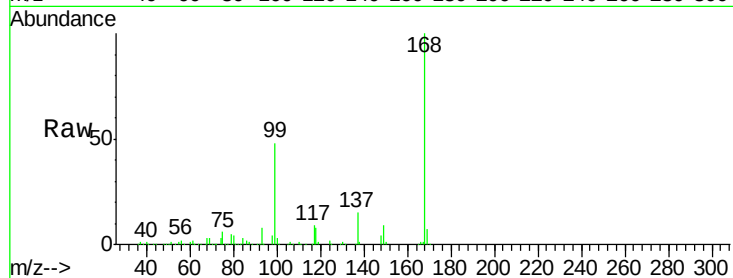
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 330779

Ion Ratio Lower Upper

168 100

99 48.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

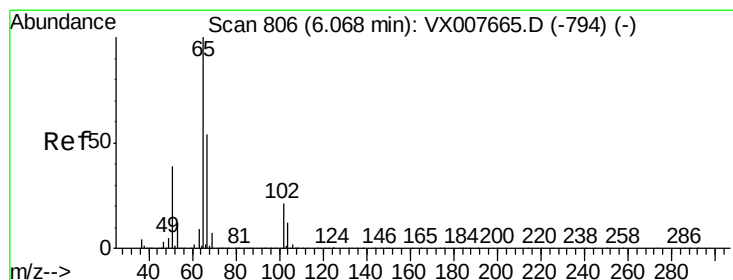
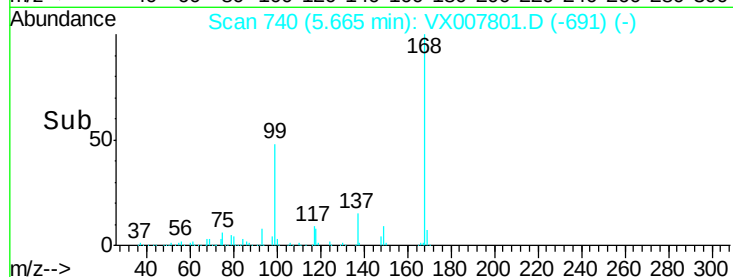
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.158 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007801.D

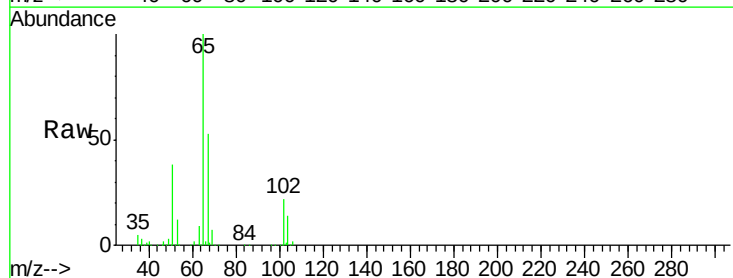
Acq: 01 Mar 2019 20:20

Tgt Ion: 65 Resp: 189124

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

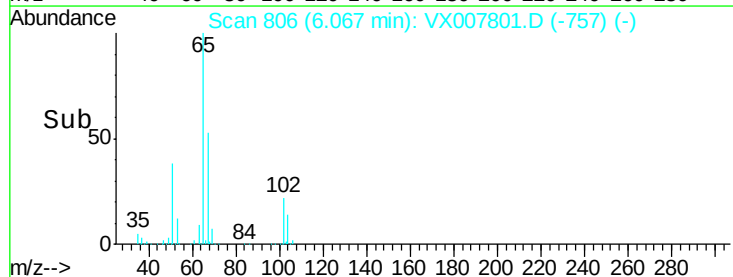
60000

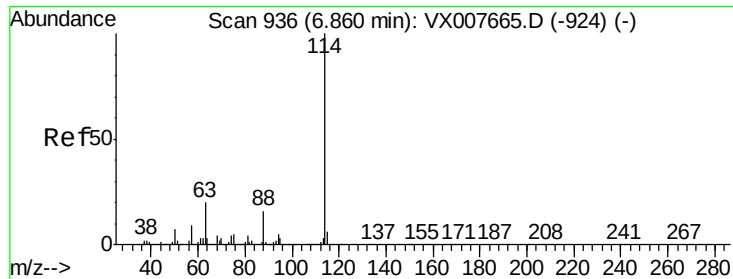
40000

20000

0

Time--> 6.00 6.10 6.20

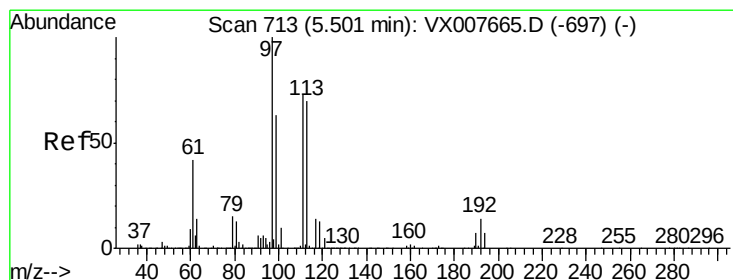
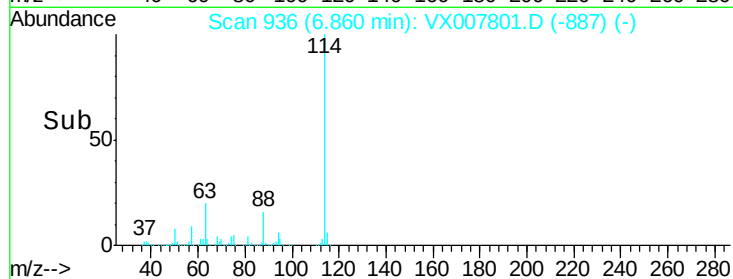
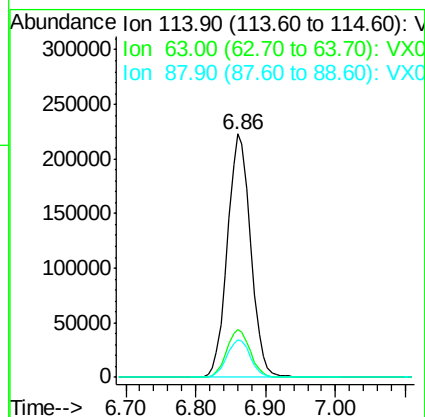
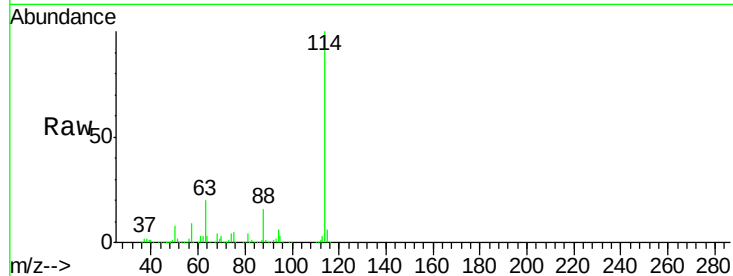




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007801.D
 Acq: 01 Mar 2019 20:20

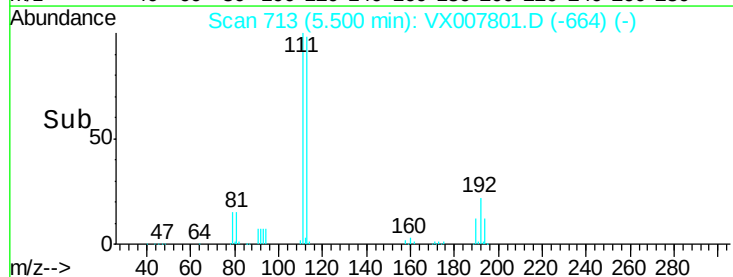
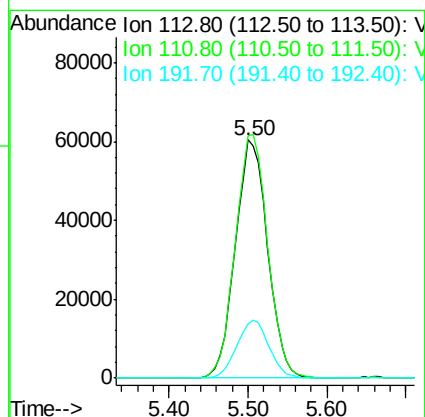
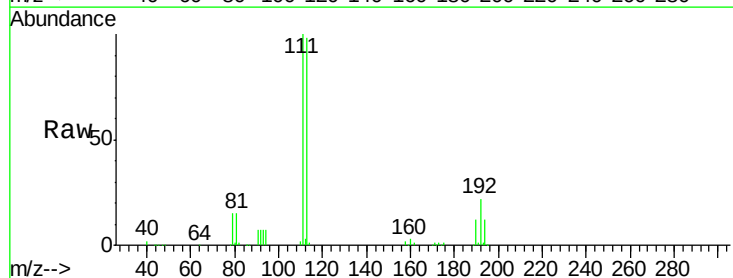
Instrument :
 MSVOA_X
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 STORAGE-BLANK-SAMPLE-MANA

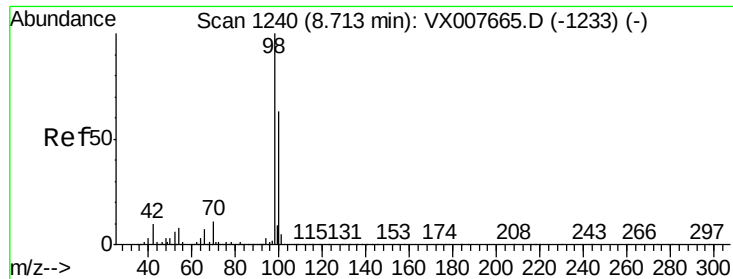
Tot Ion:	114	Resp:	514794
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	35.6
88	15.6	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 50.133 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007801.D
 Acq: 01 Mar 2019 20:20

Tgt Ion:	113	Resp:	172520
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	24.2	18.5	27.7

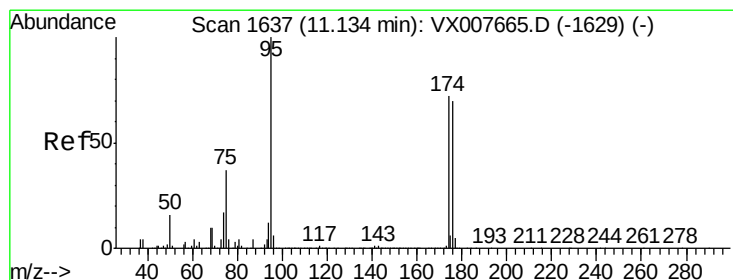
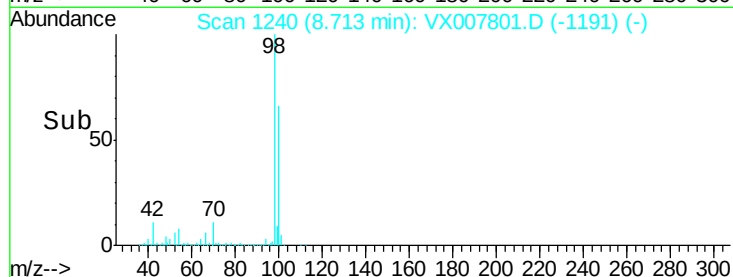
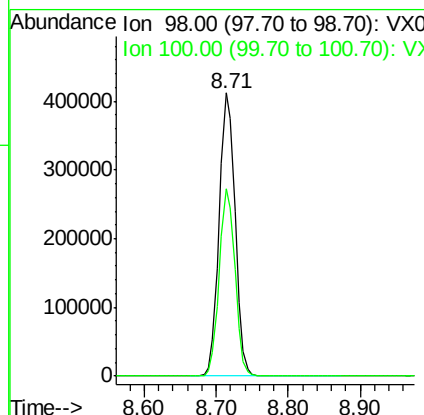
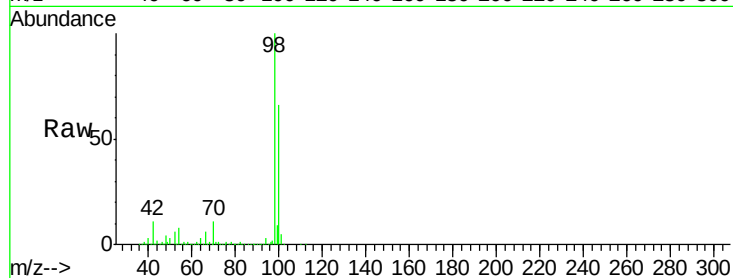




#50
Toluene-d8
Concen: 47.920 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007801.D
Acq: 01 Mar 2019 20:20

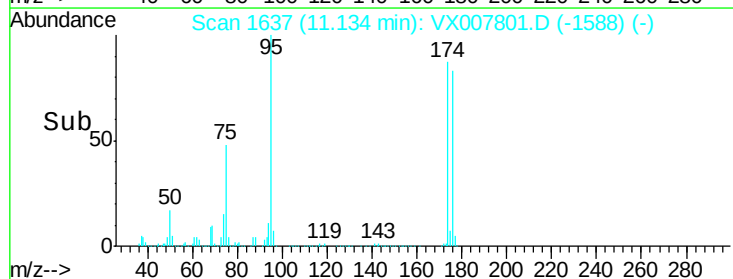
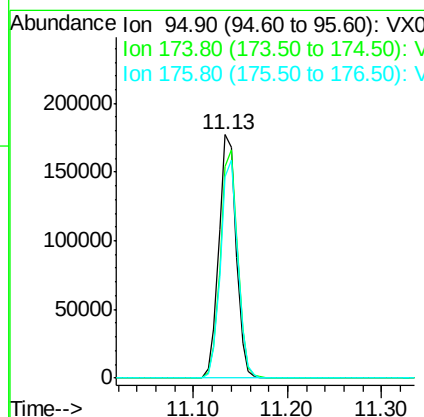
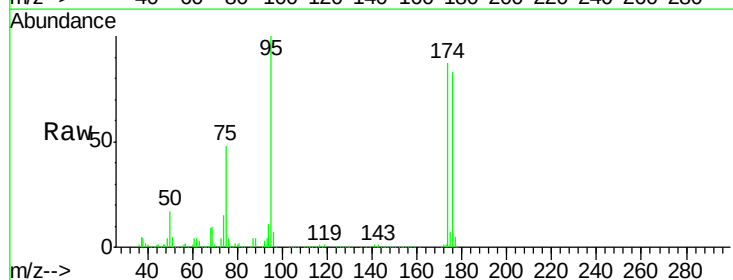
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

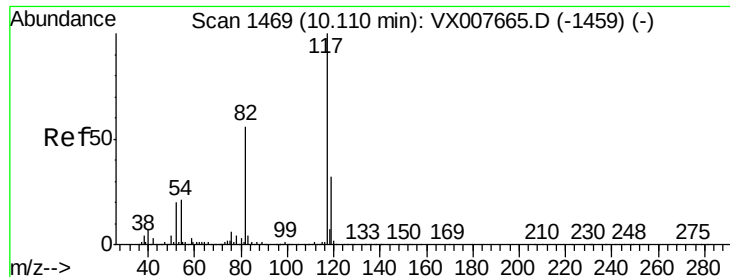
Tot Ion: 98 Resp: 631314
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.035 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007801.D
Acq: 01 Mar 2019 20:20

Tgt Ion: 95 Resp: 227436
Ion Ratio Lower Upper
95 100
174 93.0 0.0 189.2
176 89.0 0.0 186.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007801.D

Acq: 01 Mar 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

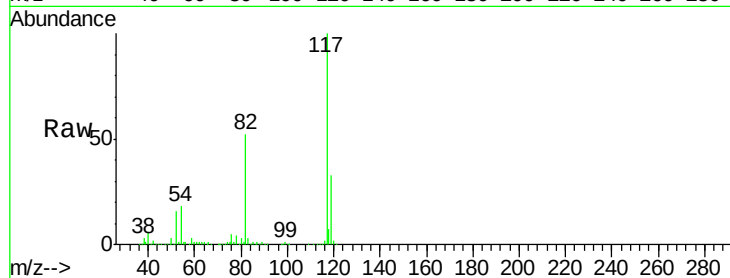
Tot Ion:117 Resp: 487426

Ion Ratio Lower Upper

117 100

82 52.1 42.1 63.1

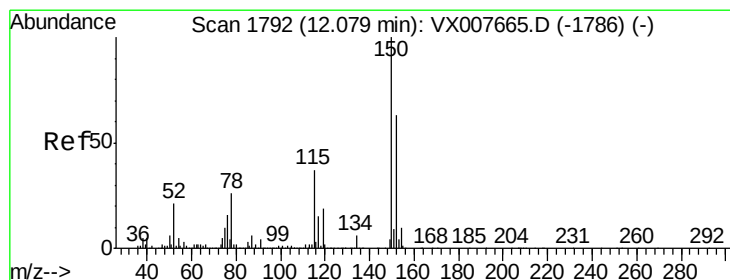
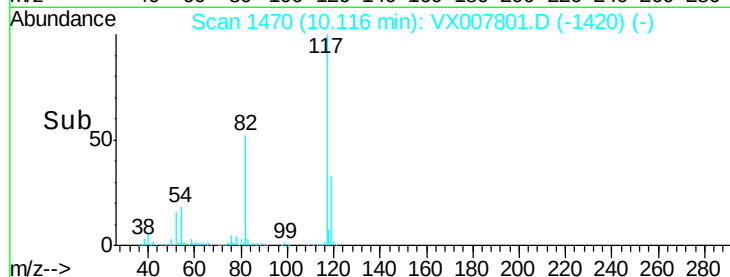
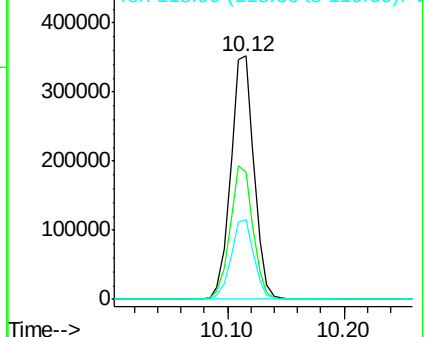
119 32.5 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): 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: VX007801.D

Acq: 01 Mar 2019 20:20

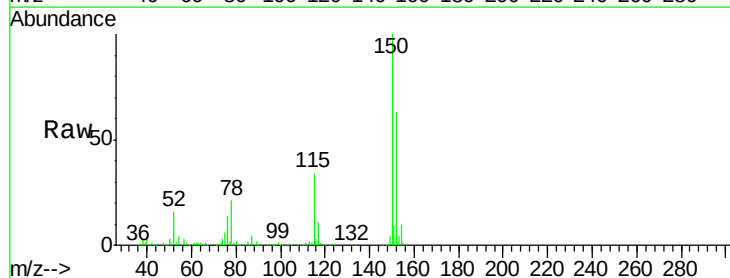
Tgt Ion:152 Resp: 234087

Ion Ratio Lower Upper

152 100

115 54.9 38.0 114.0

150 157.2 0.0 346.4



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

