

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011861.D
 Acq On : 27 Aug 2019 19:35
 Operator : JC/SP
 Sample : K4567-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7-GW

Quant Time: Aug 28 04:11:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

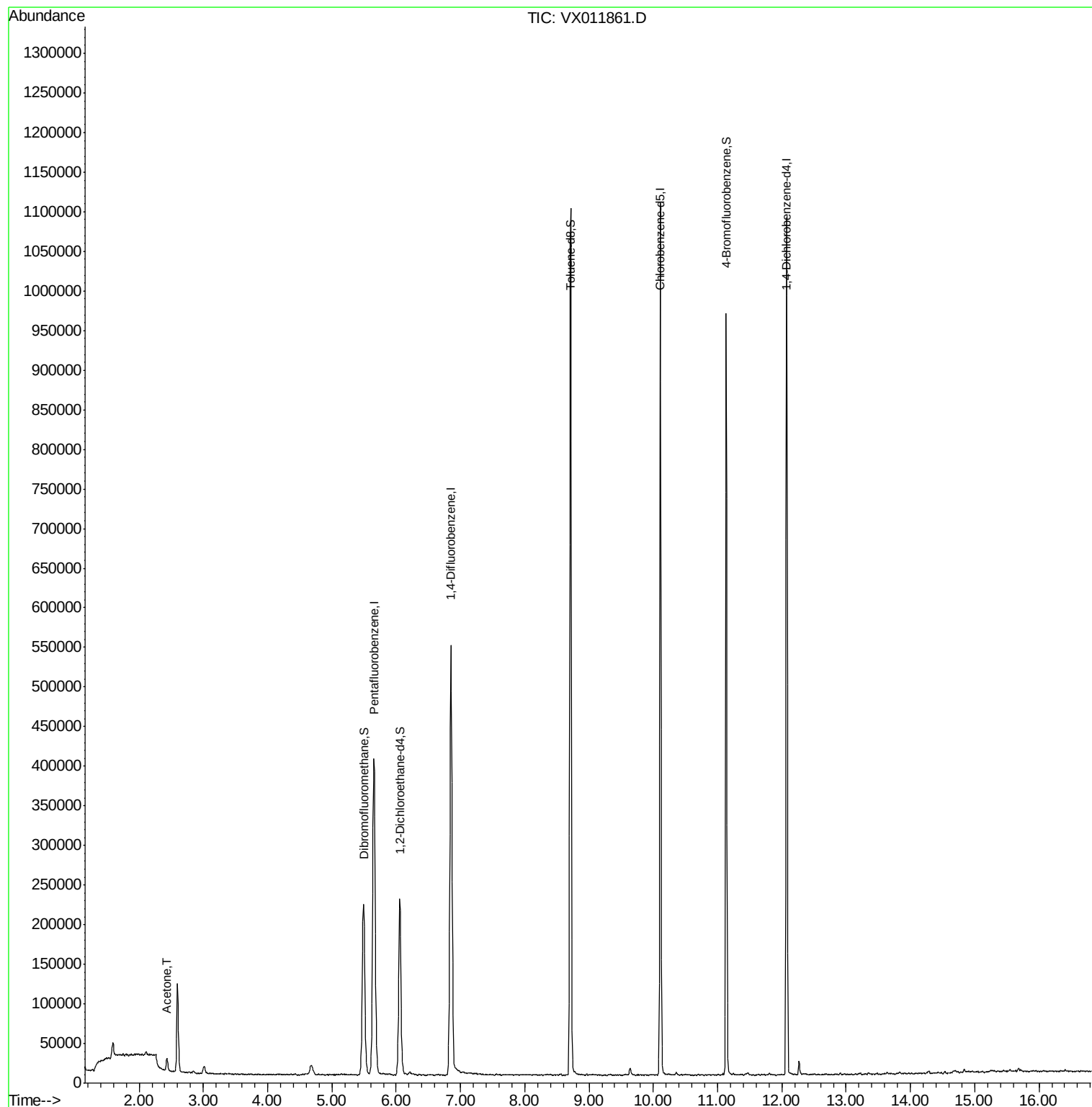
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	417065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	572706	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	499257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	235638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	208100	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
35) Dibromofluoromethane	5.49	113	178756	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	8.71	98	648330	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.13	95	235931	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
Target Compounds						
16) Acetone	2.43	43	17373	9.532	ug/l	Qvalue 100

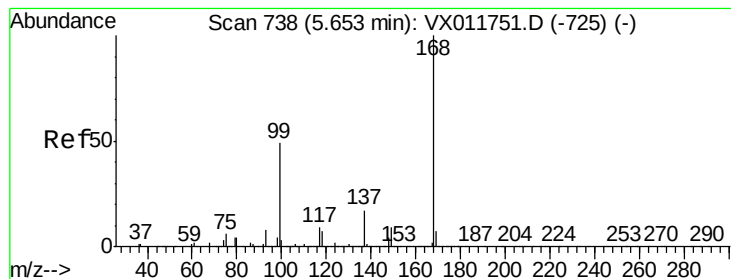
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011861.D

Acq: 27 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

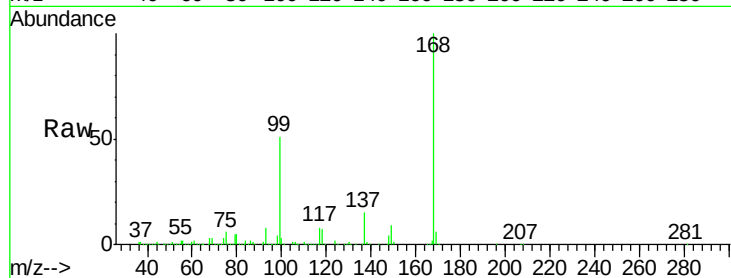
TP-7-GW

Tot Ion:168 Resp: 417065

Ion Ratio Lower Upper

168 100

99 50.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

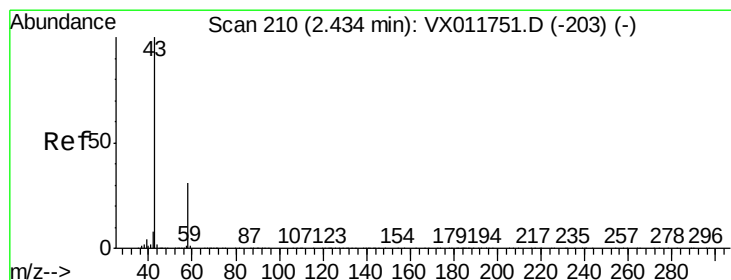
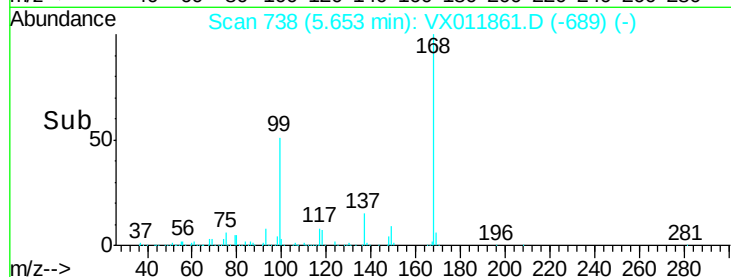
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.532 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011861.D

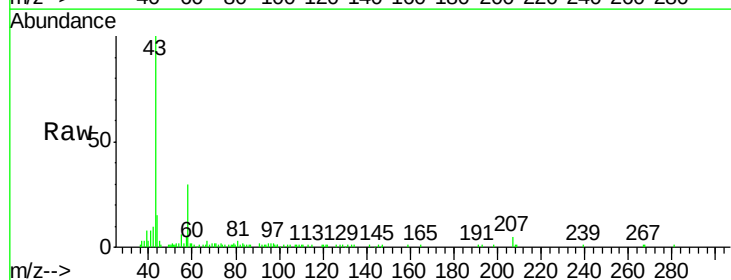
Acq: 27 Aug 2019 19:35

Tgt Ion: 43 Resp: 17373

Ion Ratio Lower Upper

43 100

58 30.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

12000

10000

8000

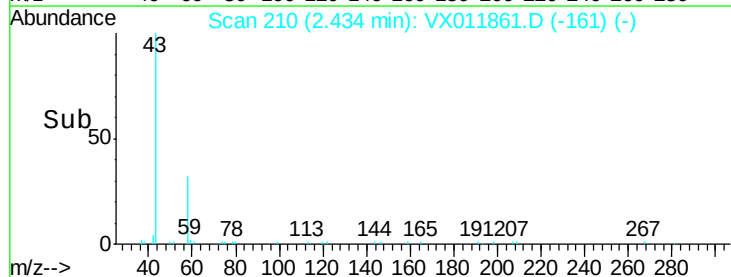
6000

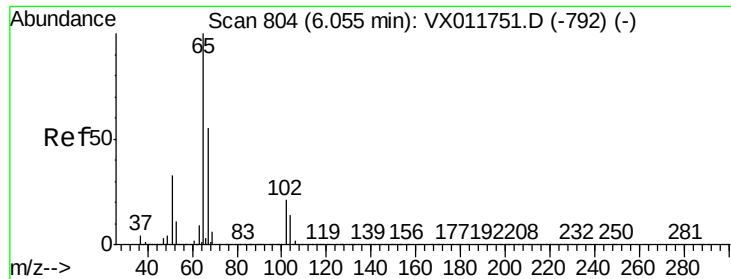
4000

2000

0

Time-->

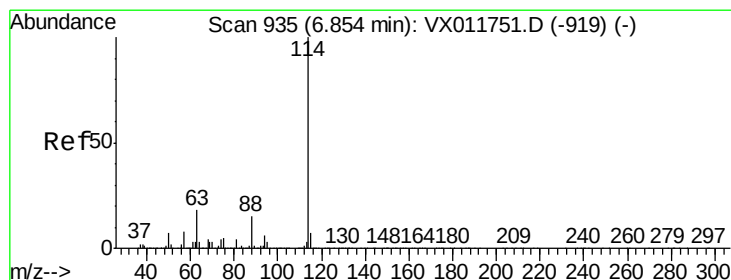
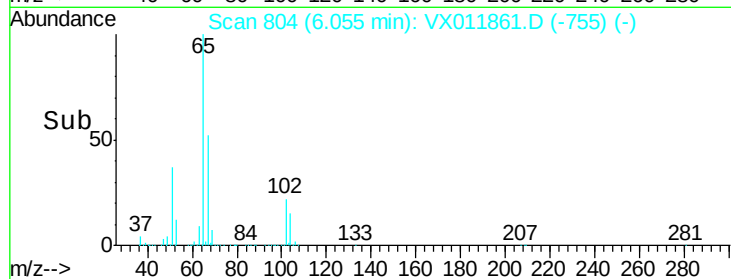
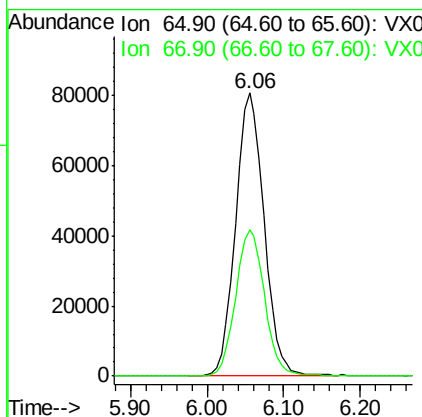
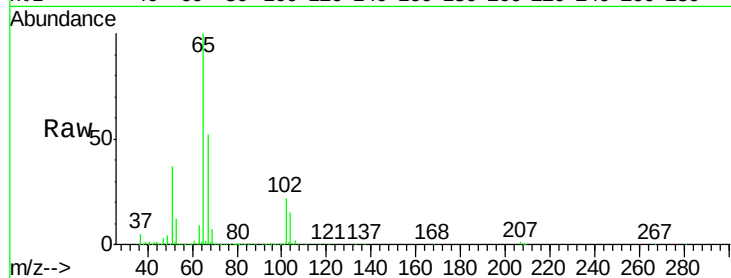




#33
 1,2-Dichloroethane-d4
 Concen: 49.670 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011861.D
 Acq: 27 Aug 2019 19:35

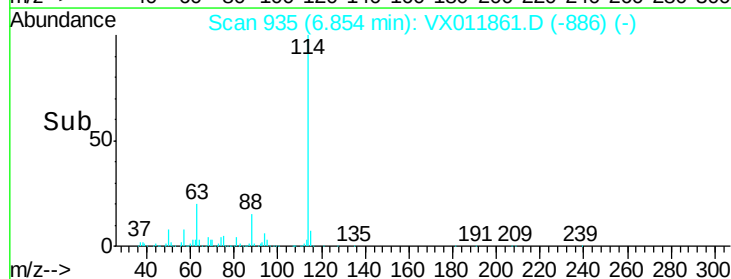
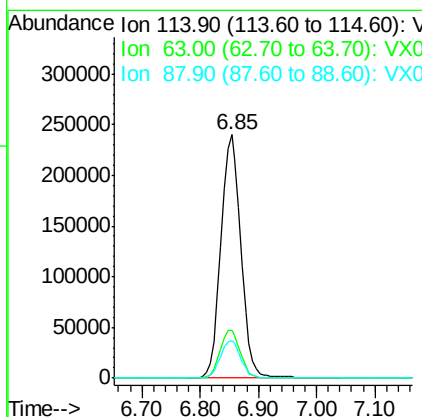
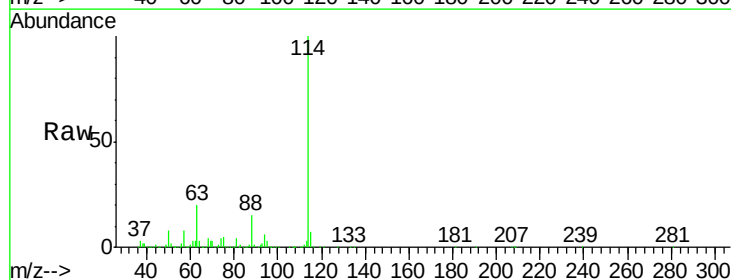
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7-GW

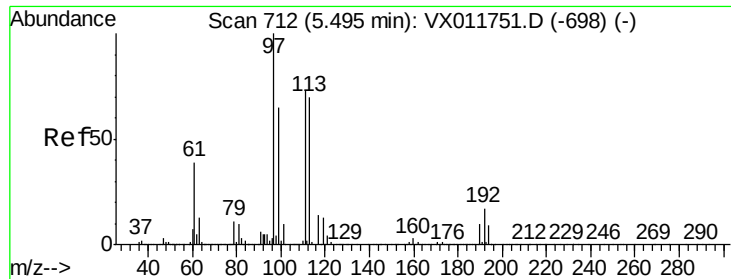
Tot Ion: 65 Resp: 208100
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011861.D
 Acq: 27 Aug 2019 19:35

Tgt Ion: 114 Resp: 572706
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 36.8
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.269 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011861.D

Acq: 27 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

TP-7-GW

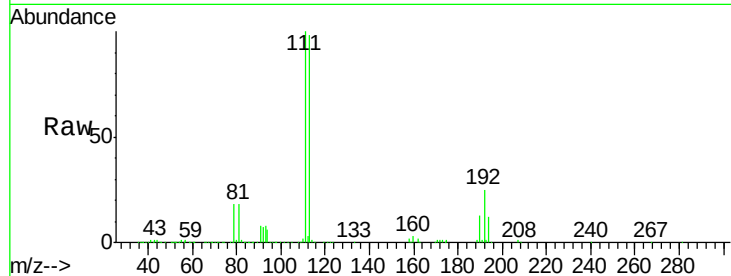
Tot Ion:113 Resp: 178756

Ion Ratio Lower Upper

113 100

111 101.9 81.0 121.4

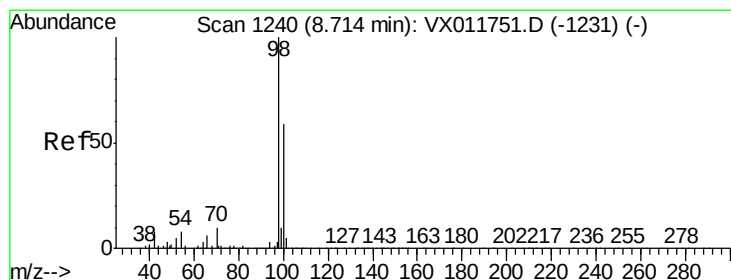
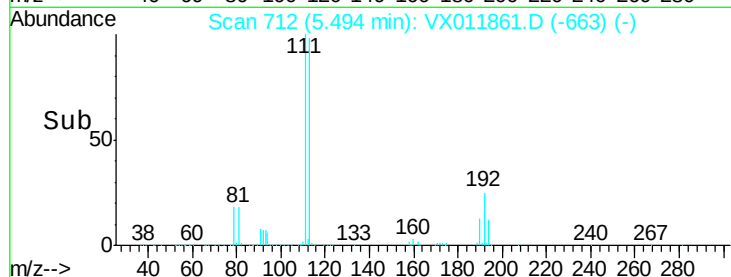
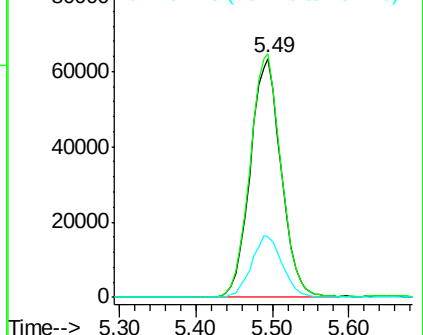
192 25.9 19.9 29.9



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: 50.191 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011861.D

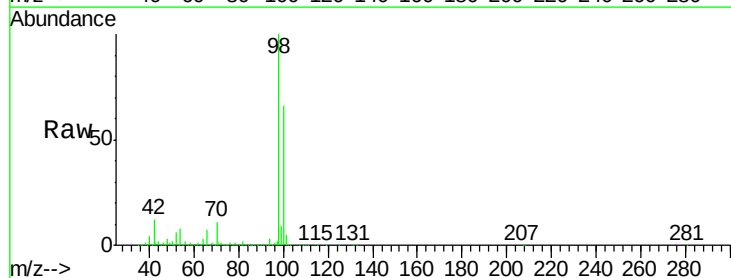
Acq: 27 Aug 2019 19:35

Tgt Ion: 98 Resp: 648330

Ion Ratio Lower Upper

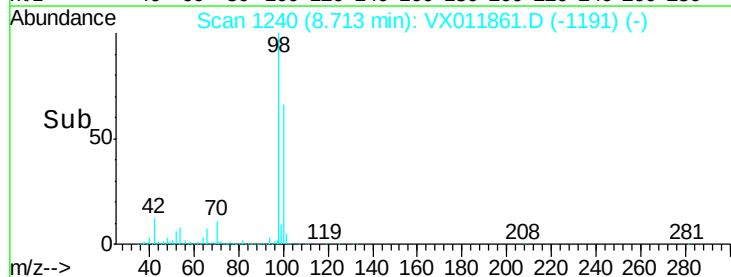
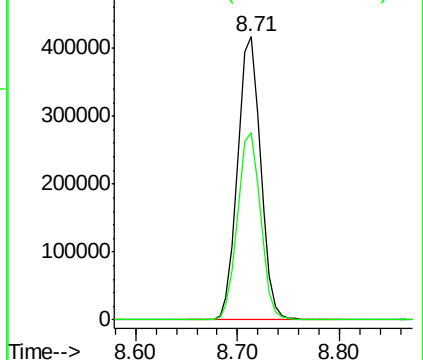
98 100

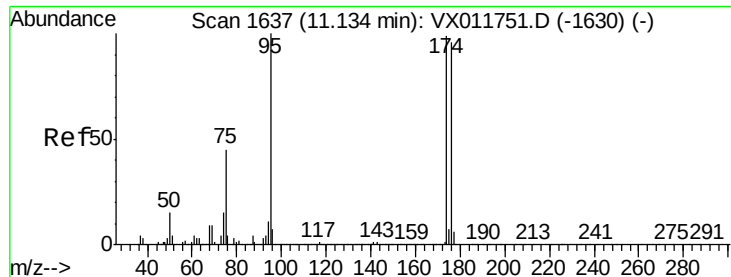
100 66.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

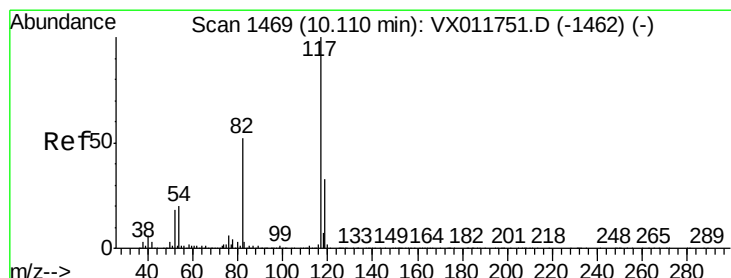
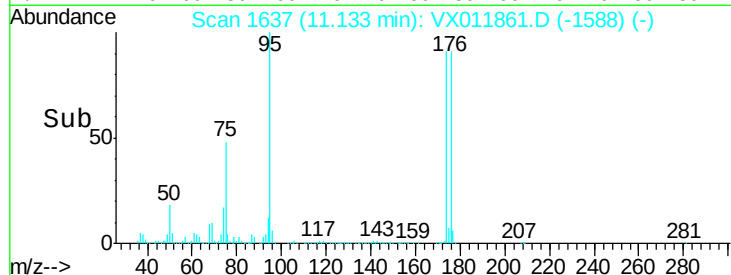
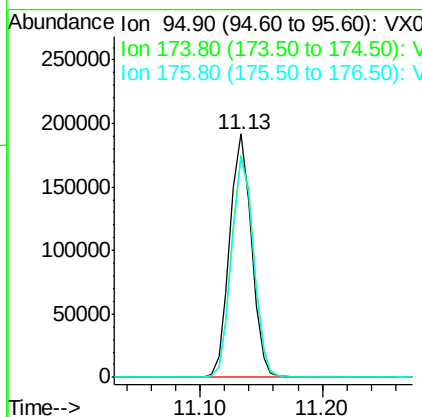
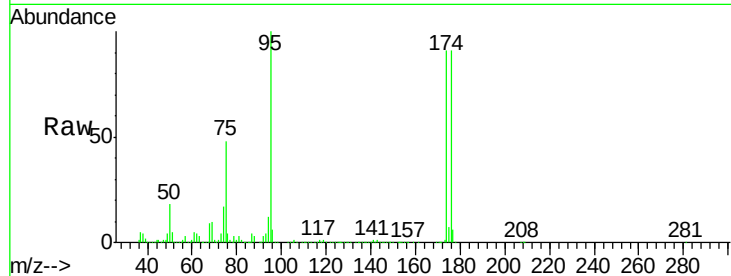




#62
4-Bromofluorobenzene
Concen: 46.209 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011861.D
Acq: 27 Aug 2019 19:35

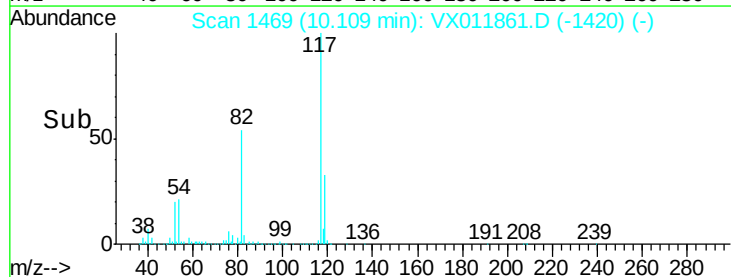
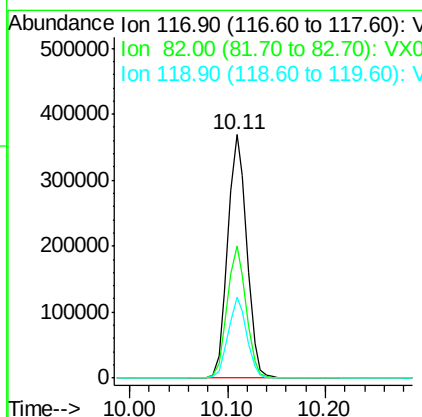
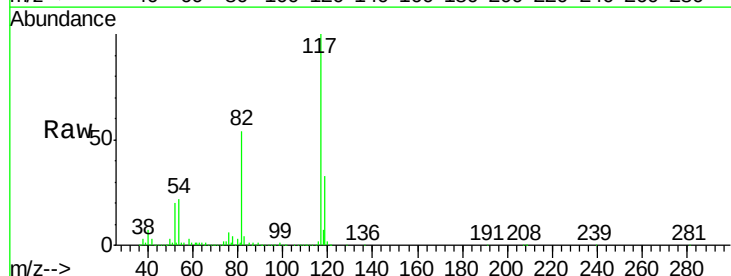
Instrument :
MSVOA_X
ClientSampled :
TP-7-GW

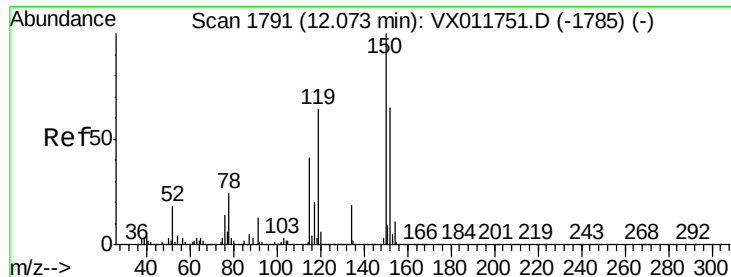
Tot Ion	95	Resp	235931
Ion Ratio	Lower	Upper	
95	100		
174	92.8	0.0	197.4
176	91.0	0.0	194.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011861.D
Acq: 27 Aug 2019 19:35

Tgt Ion	117	Resp	499257
Ion Ratio	Lower	Upper	
117	100		
82	54.2	41.7	62.5
119	33.0	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011861.D

Acq: 27 Aug 2019 19:35

Instrument :

MSVOA_X

ClientSampleId :

TP-7-GW

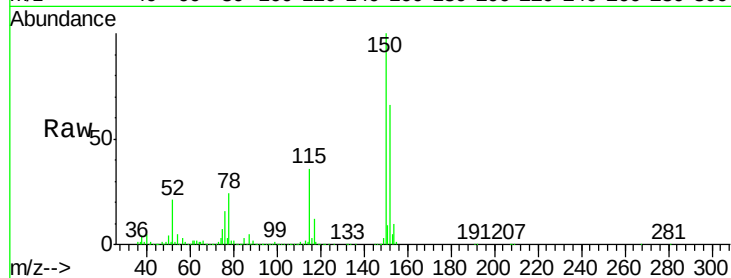
Tot Ion:152 Resp: 235638

Ion Ratio Lower Upper

152 100

115 53.8 37.3 111.8

150 154.4 0.0 343.0



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

