

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010858.D
 Acq On : 13 Jul 2019 00:12
 Operator : JC/SP
 Sample : K3791-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0601

Quant Time: Jul 13 06:40:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

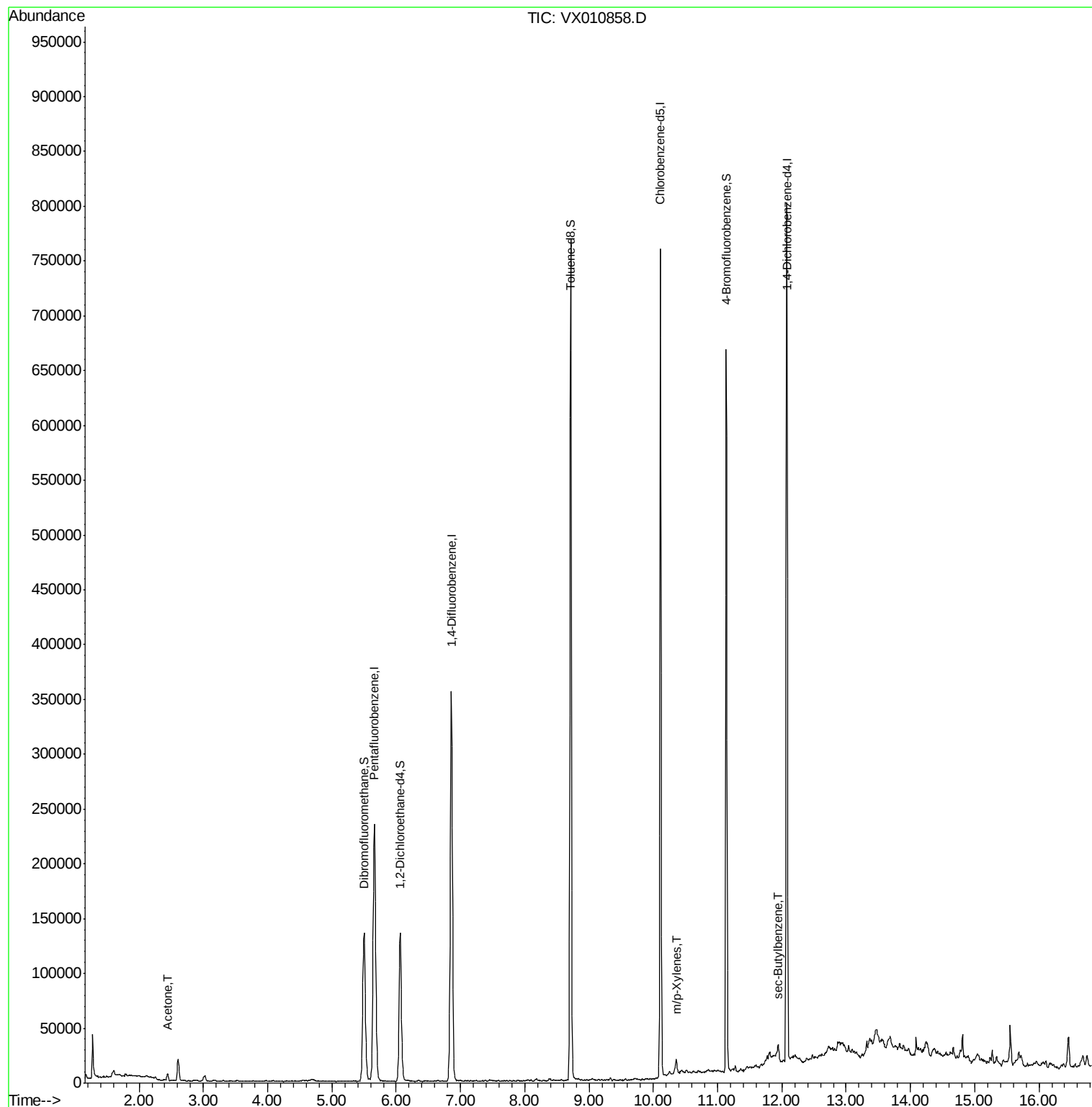
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	238008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	352013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173484	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127308	57.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.10%	
35) Dibromofluoromethane	5.50	113	114738	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	8.71	98	454716	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.13	95	162999	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
Target Compounds						
16) Acetone	2.45	43	6806	6.086	ug/l #	87
68) m/p-Xylenes	10.36	106	2615	0.559	ug/l	93
85) sec-Butylbenzene	11.94	105	6757	0.591	ug/l	79

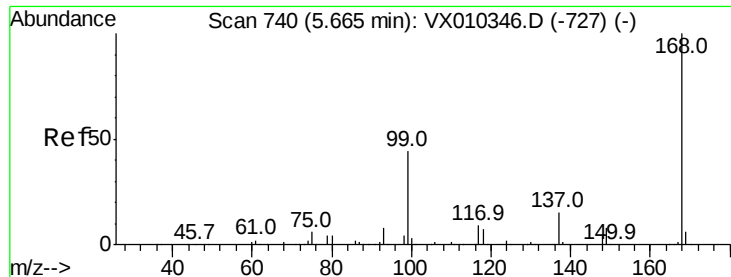
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010858.D

Acq: 13 Jul 2019 00:12

Instrument :

MSVOA_X

ClientSampleId :

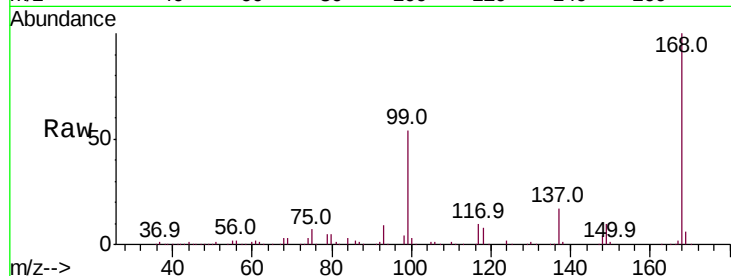
FL-0601

Tot Ion:168 Resp: 238008

Ion Ratio Lower Upper

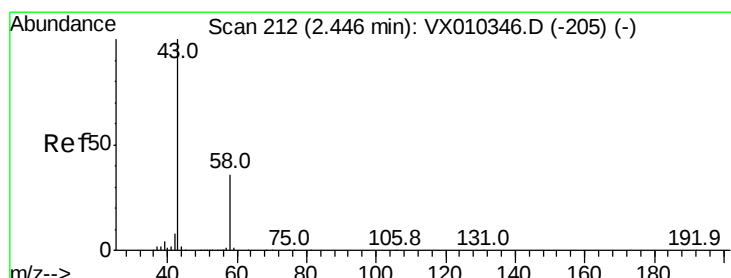
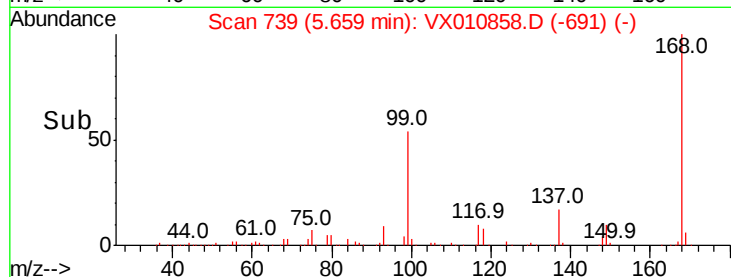
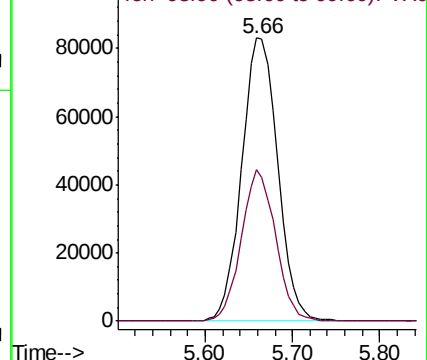
168 100

99 53.7 35.5 53.3#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.086 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010858.D

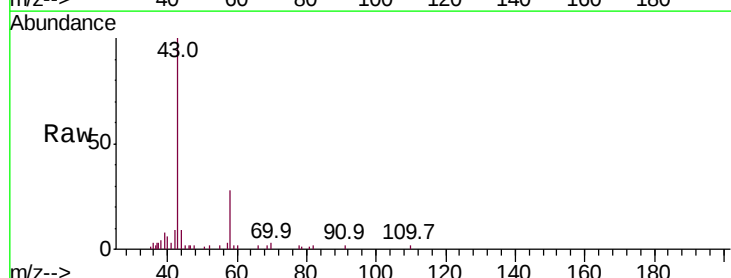
Acq: 13 Jul 2019 00:12

Tgt Ion: 43 Resp: 6806

Ion Ratio Lower Upper

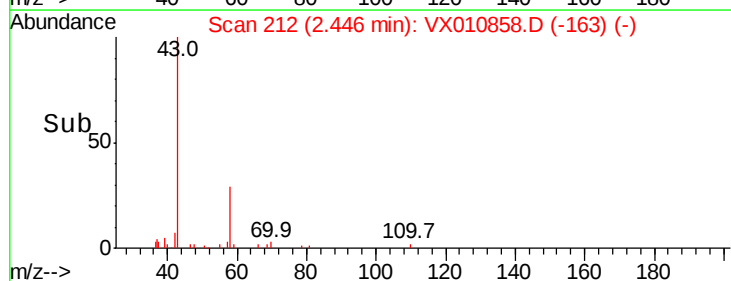
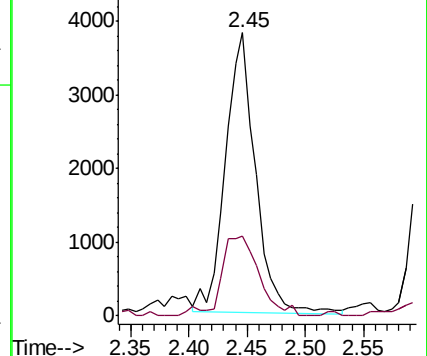
43 100

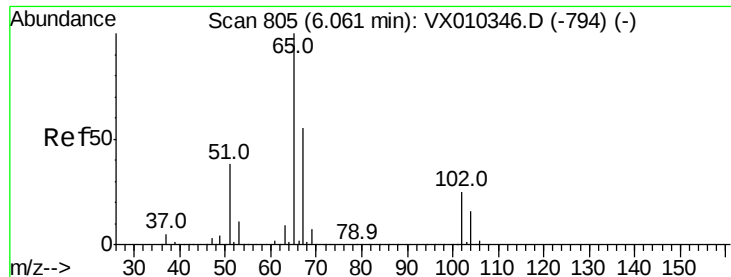
58 28.6 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

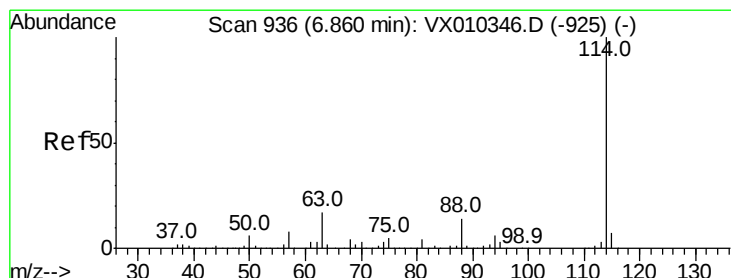
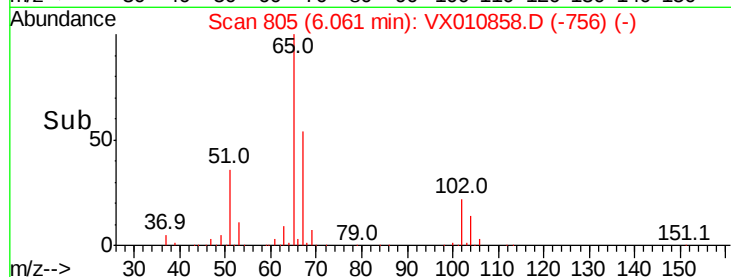
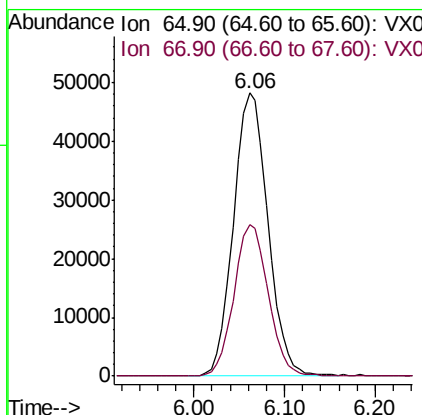
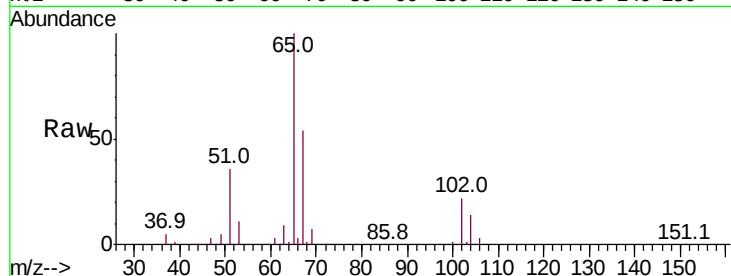




#33
 1,2-Dichloroethane-d4
 Concen: 57.049 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010858.D
 Acq: 13 Jul 2019 00:12

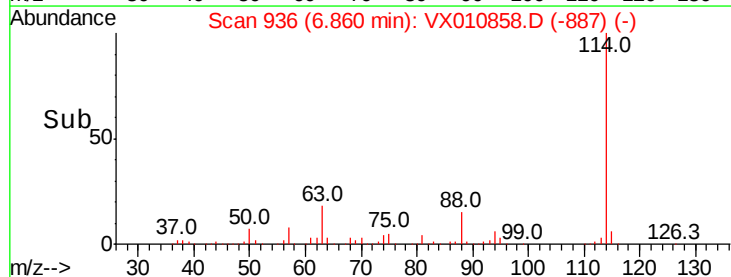
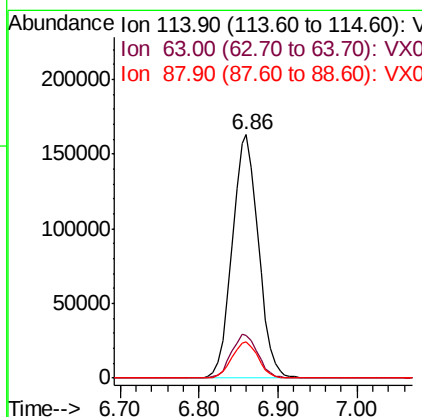
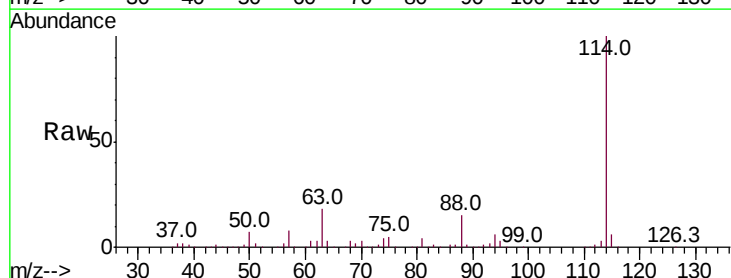
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0601

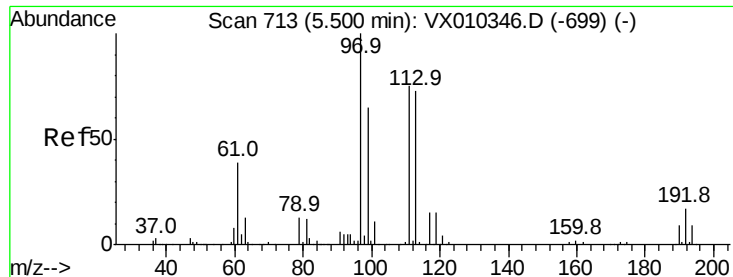
Tot Ion: 65 Resp: 127308
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010858.D
 Acq: 13 Jul 2019 00:12

Tgt Ion:114 Resp: 376206
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.8
 88 15.1 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.848 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010858.D

Acq: 13 Jul 2019 00:12

Instrument :

MSVOA_X

ClientSampled :

FL-0601

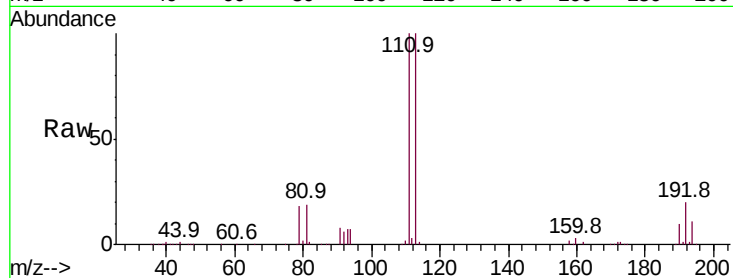
Tot Ion:113 Resp: 114738

Ion Ratio Lower Upper

113 100

111 101.2 81.2 121.8

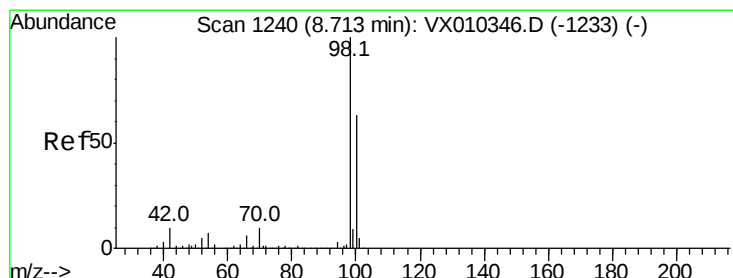
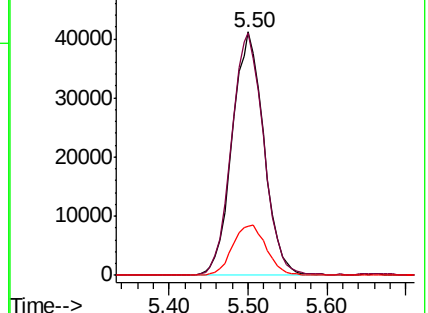
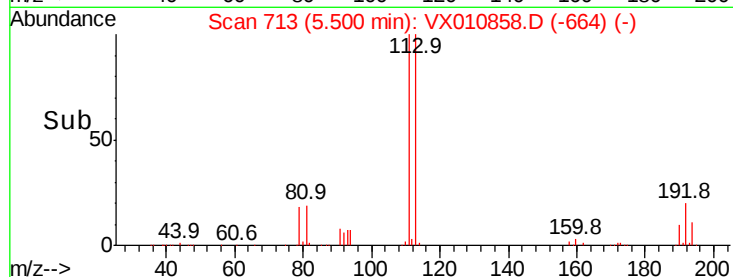
192 22.2 18.6 27.8



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: 51.636 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010858.D

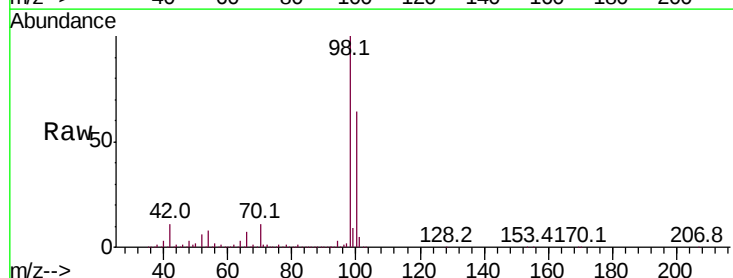
Acq: 13 Jul 2019 00:12

Tgt Ion: 98 Resp: 454716

Ion Ratio Lower Upper

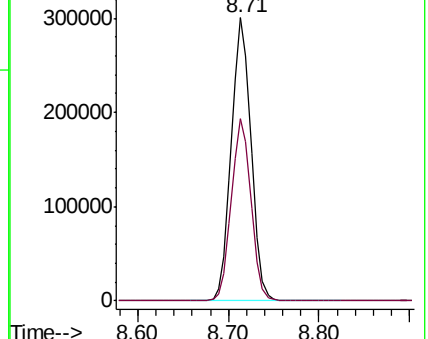
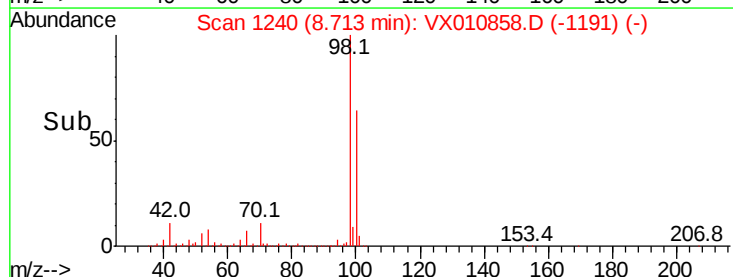
98 100

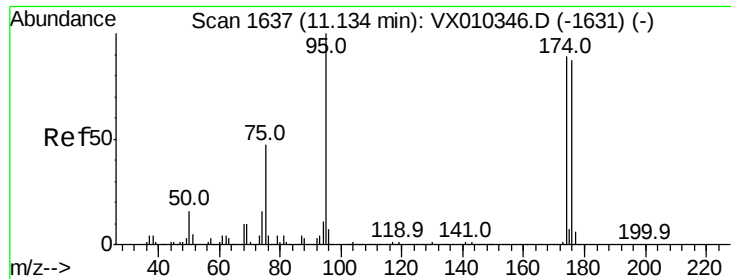
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.270 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010858.D

Acq: 13 Jul 2019 00:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0601

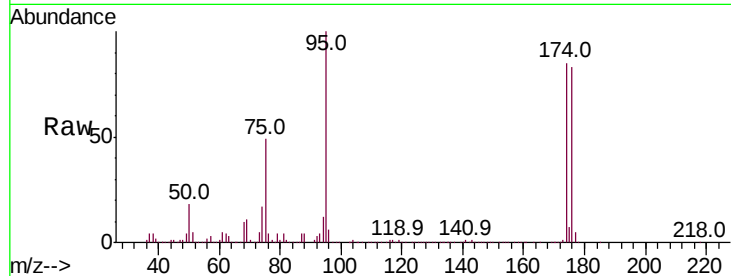
Tot Ion: 95 Resp: 162999

Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.6

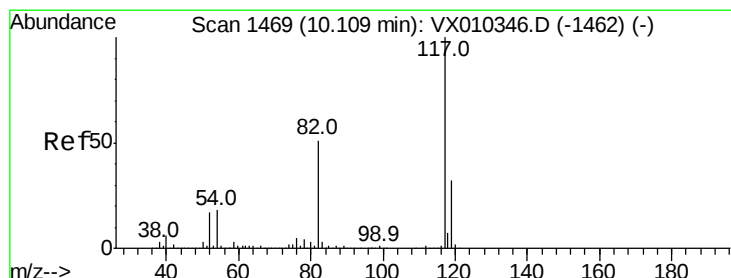
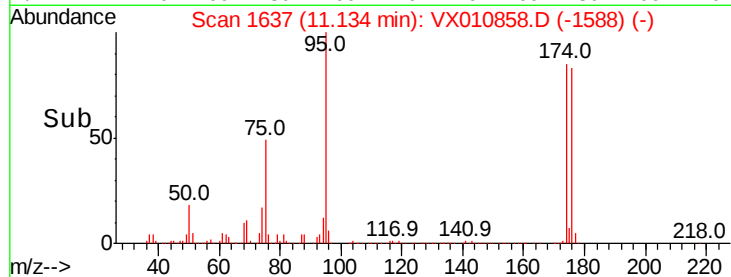
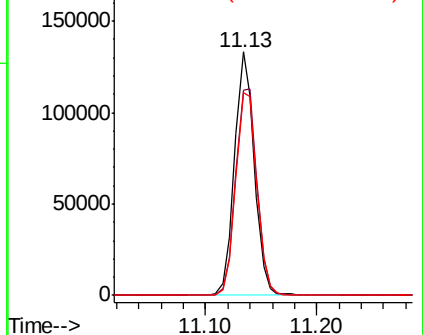
176 89.4 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010858.D

Acq: 13 Jul 2019 00:12

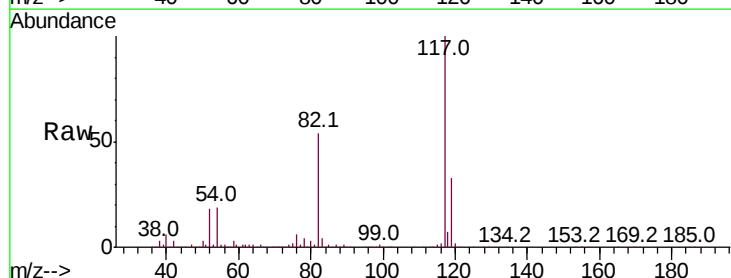
Tgt Ion: 117 Resp: 352013

Ion Ratio Lower Upper

117 100

82 53.6 41.2 61.8

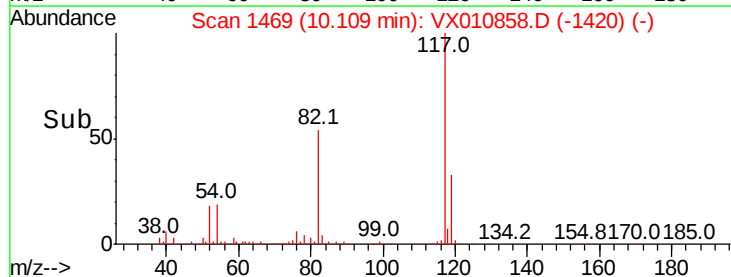
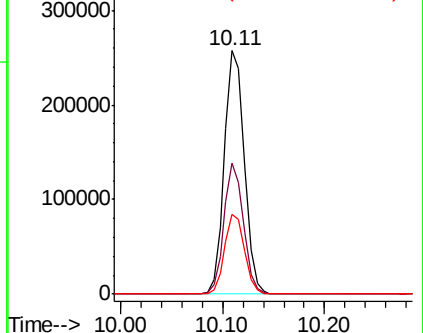
119 32.5 25.5 38.3

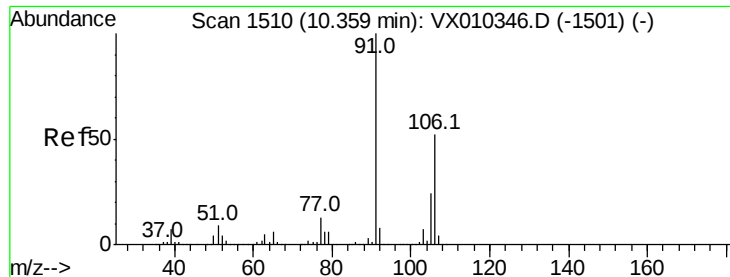


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#68

m/p-Xvlenes

Concen: 0.559 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010858.D

Acq: 13 Jul 2019 00:12

Instrument :

MSVOA_X

ClientSampleId :

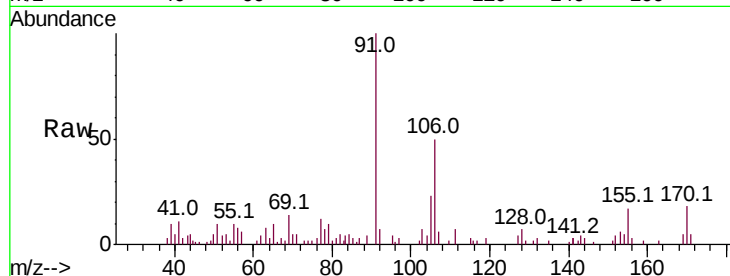
FL-0601

Tot Ion:106 Resp: 2615

Ion Ratio Lower Upper

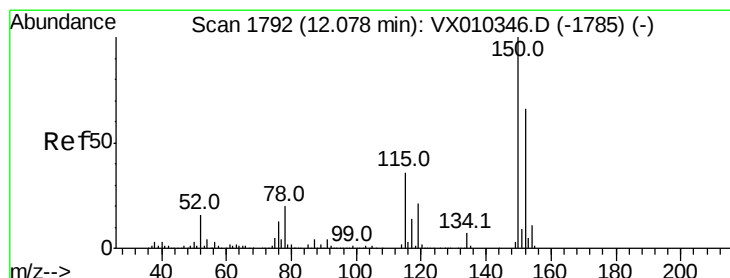
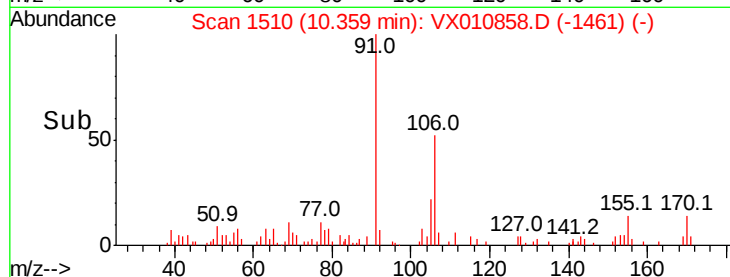
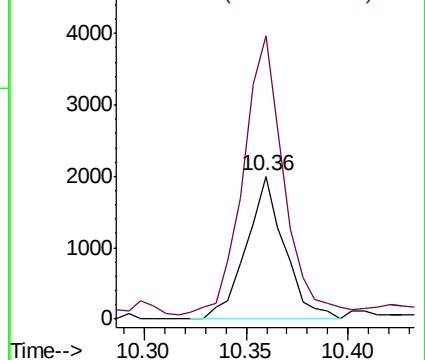
106 100

91 204.8 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010858.D

Acq: 13 Jul 2019 00:12

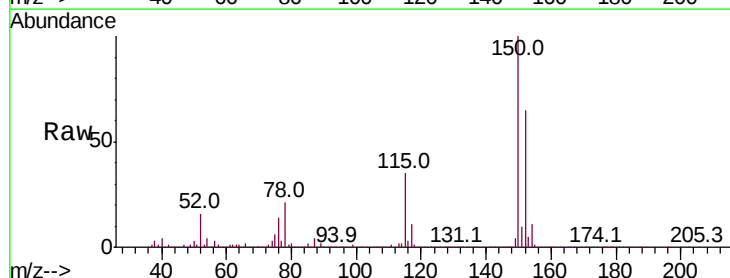
Tgt Ion:152 Resp: 173484

Ion Ratio Lower Upper

152 100

115 55.7 38.6 115.7

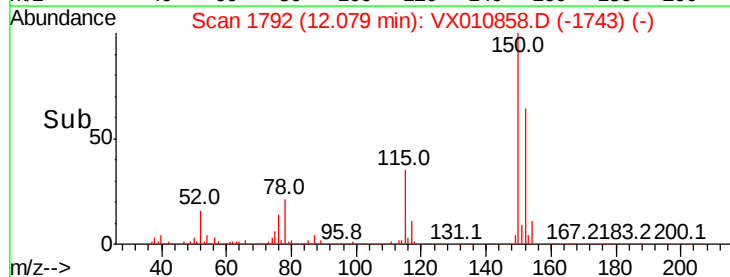
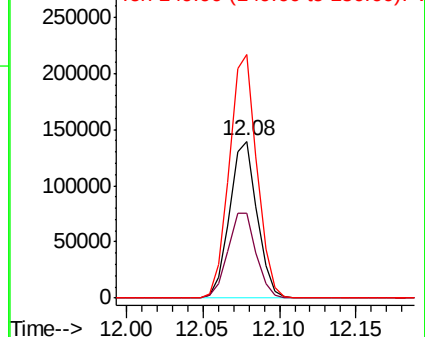
150 156.2 0.0 347.4

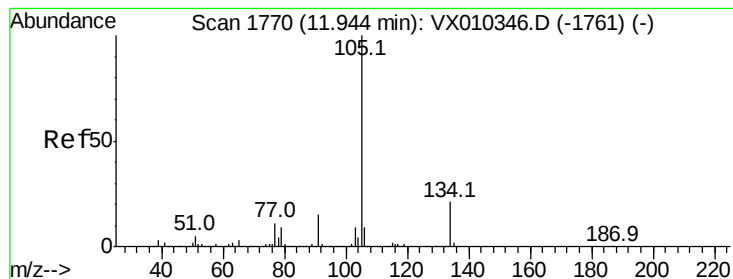


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#85

sec-Butylbenzene

Concen: 0.591 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010858.D

Acq: 13 Jul 2019 00:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0601

Tot Ion:105 Resp: 6757

Ion Ratio Lower Upper

105 100

134 31.3 10.7 31.9

