

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011854.D
 Acq On : 27 Aug 2019 16:50
 Operator : JC/SP
 Sample : K4555-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-13

Quant Time: Aug 28 03:57:06 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

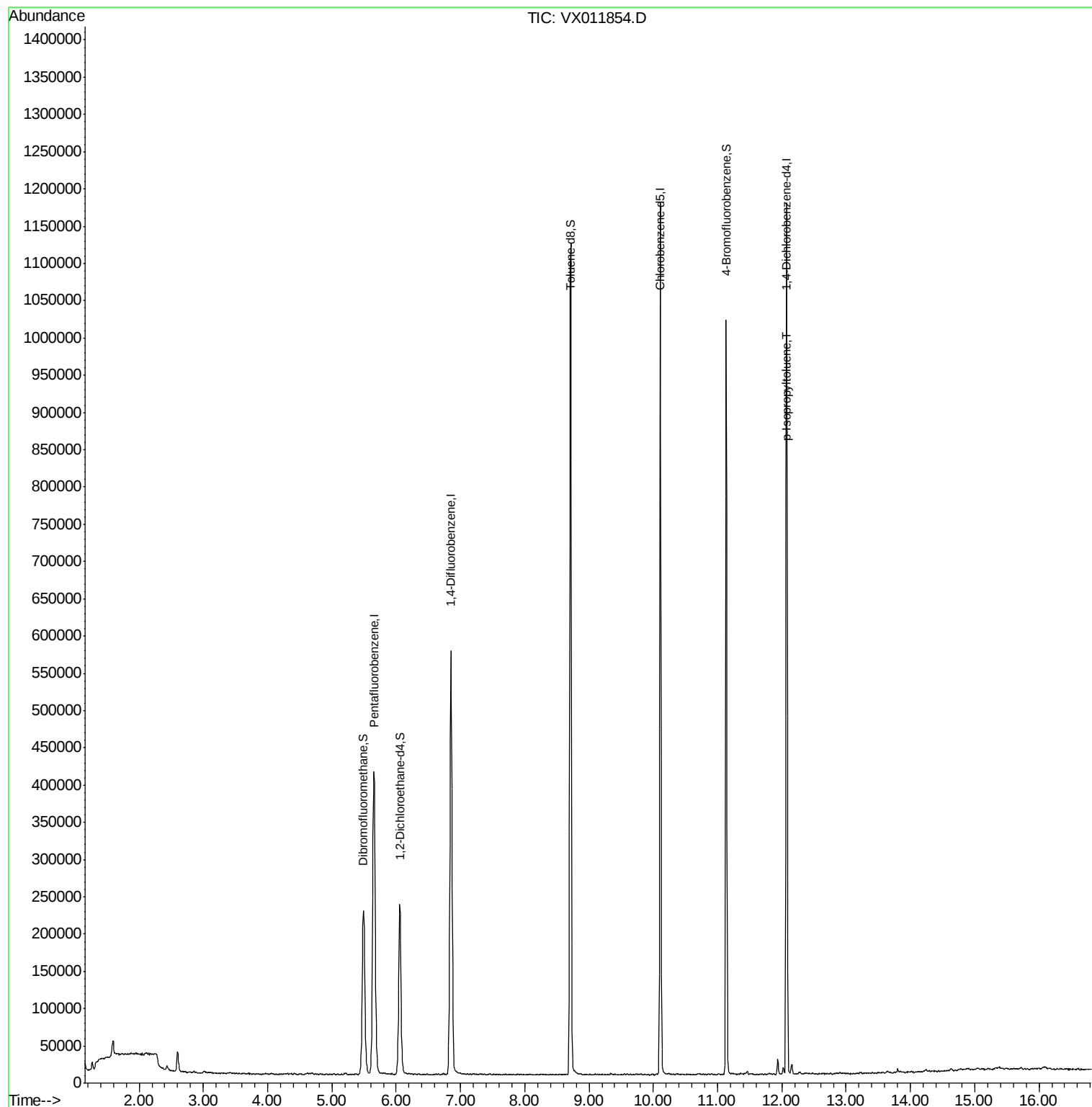
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	431329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	593987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	525685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	249125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	216071	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
35) Dibromofluoromethane	5.49	113	184677	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
50) Toluene-d8	8.71	98	677641	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	246274	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
Target Compounds						
86) p-Isopropyltoluene	12.06	119	4109	0.302	ug/l #	75

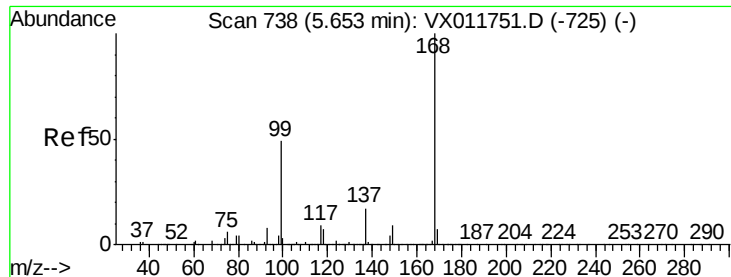
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

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Acq: 27 Aug 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

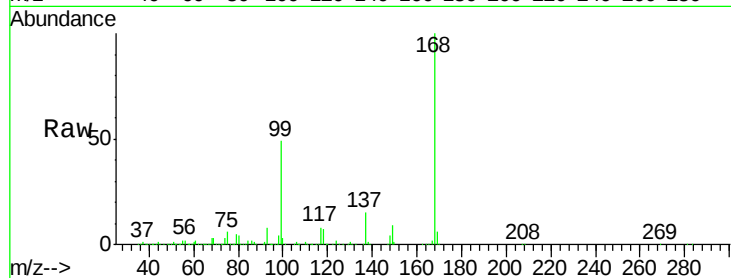
TW-13

Tot Ion:168 Resp: 431329

Ion Ratio Lower Upper

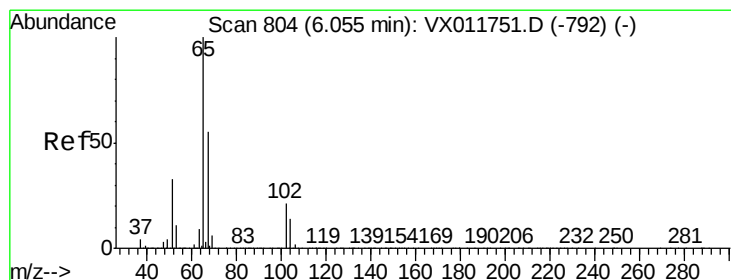
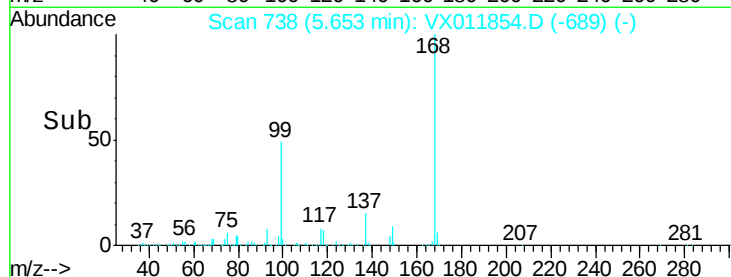
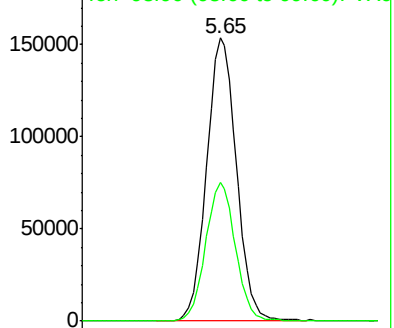
168 100

99 49.1 39.4 59.2



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: 49.867 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011854.D

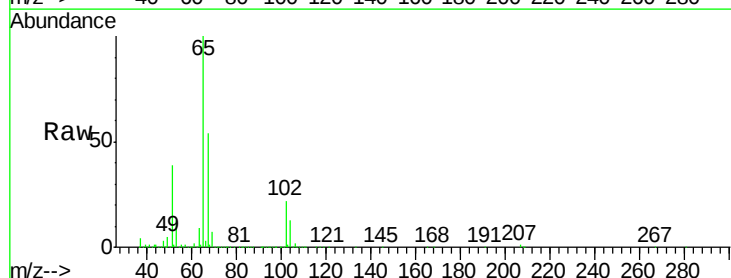
Acq: 27 Aug 2019 16:50

Tgt Ion: 65 Resp: 216071

Ion Ratio Lower Upper

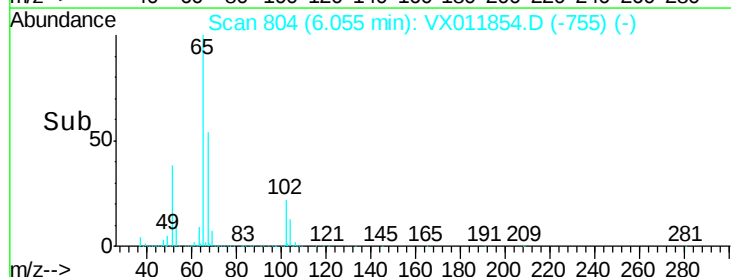
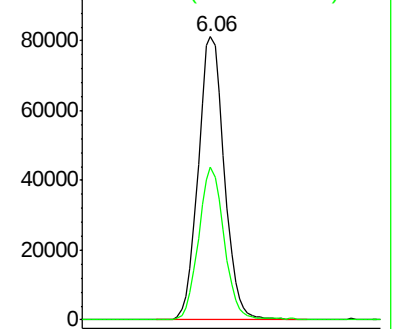
65 100

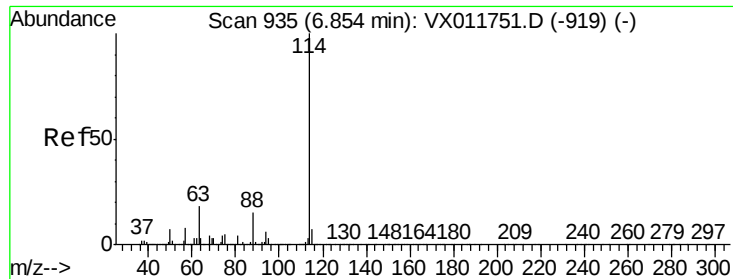
67 52.5 0.0 107.8



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: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011854.D

Acq: 27 Aug 2019 16:50

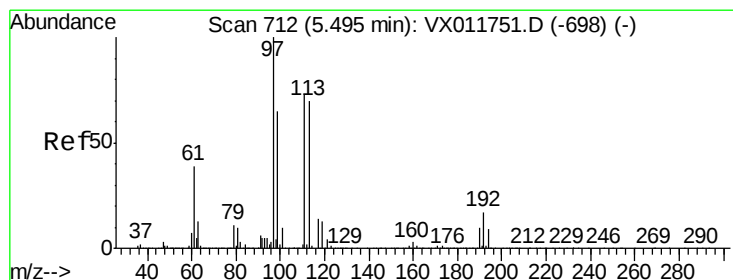
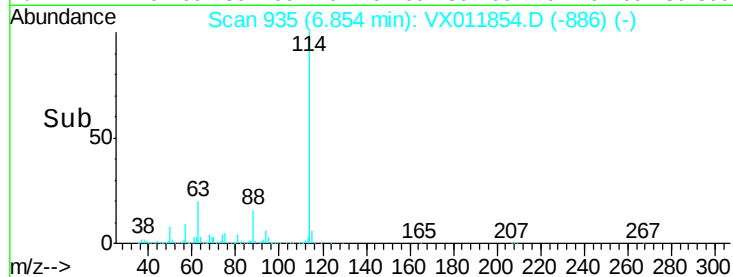
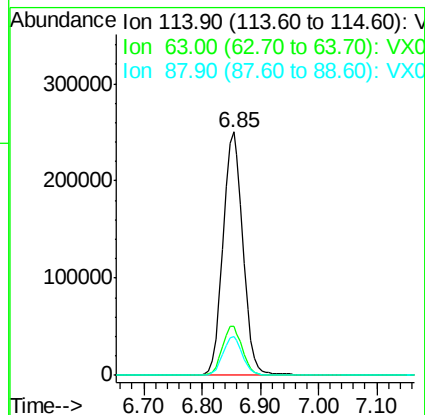
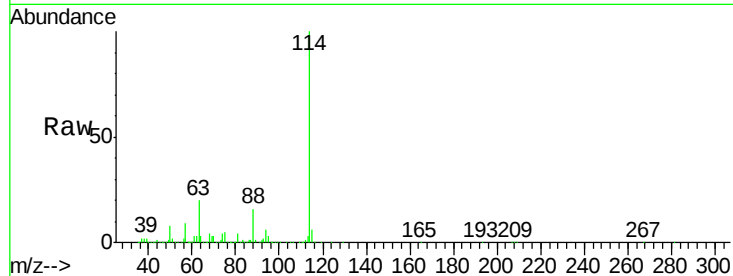
Instrument :

MSVOA_X

ClientSampleId :

TW-13

Tot Ion:	114	Resp:	593987
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	36.8
88	15.9	0.0	30.2



#35

Dibromofluoromethane

Concen: 48.081 ug/l

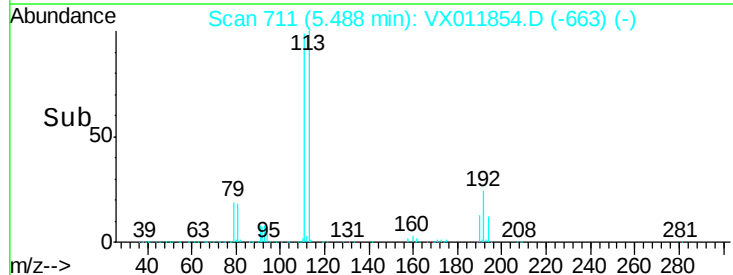
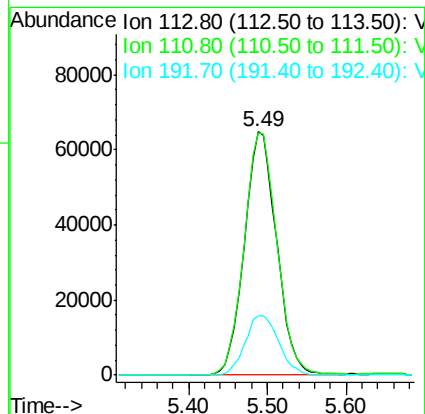
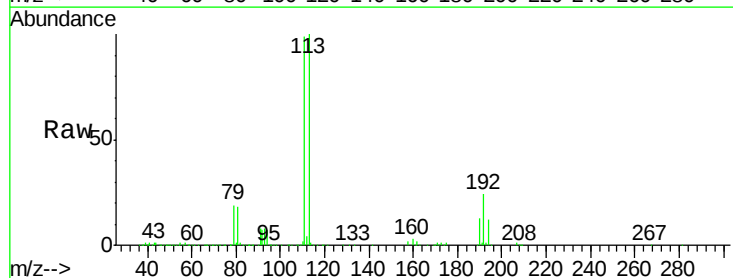
RT: 5.49 min Scan# 711

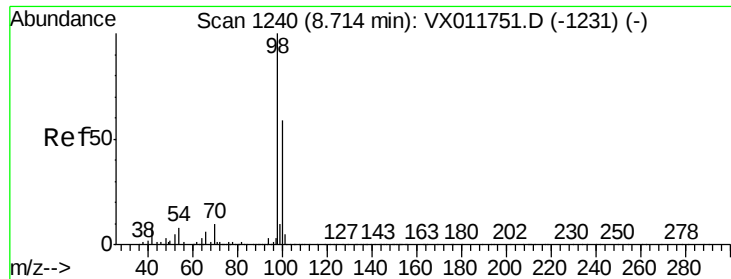
Delta R.T. -0.01 min

Lab File: VX011854.D

Acq: 27 Aug 2019 16:50

Tgt Ion:	113	Resp:	184677
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.0	121.4
192	25.6	19.9	29.9





#50

Toluene-d8

Concen: 50.580 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011854.D

Acq: 27 Aug 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

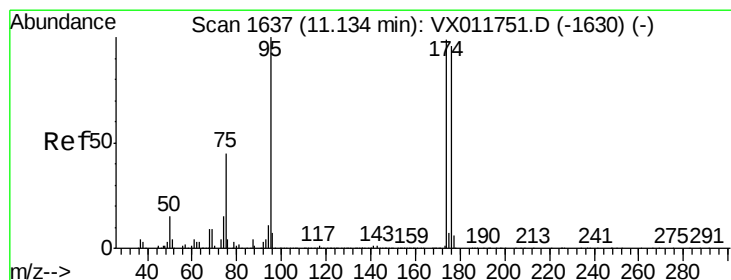
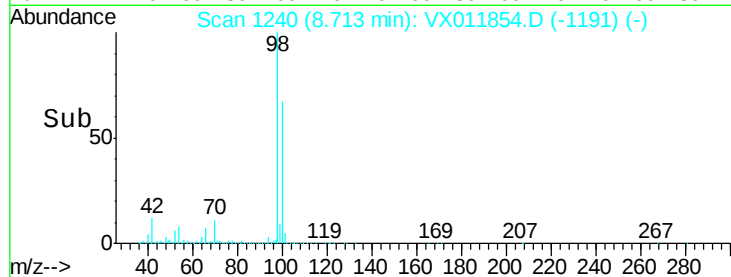
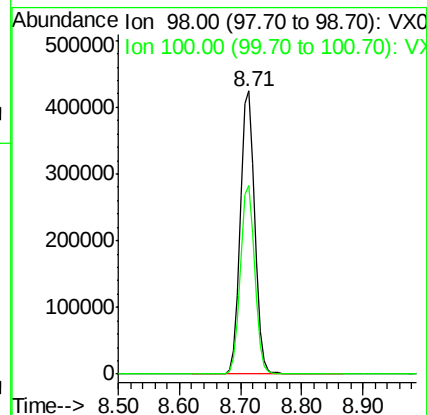
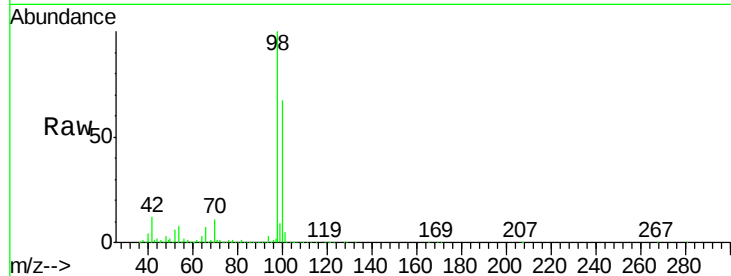
TW-13

Tot Ion: 98 Resp: 677641

Ion Ratio Lower Upper

98 100

100 66.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 46.507 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011854.D

Acq: 27 Aug 2019 16:50

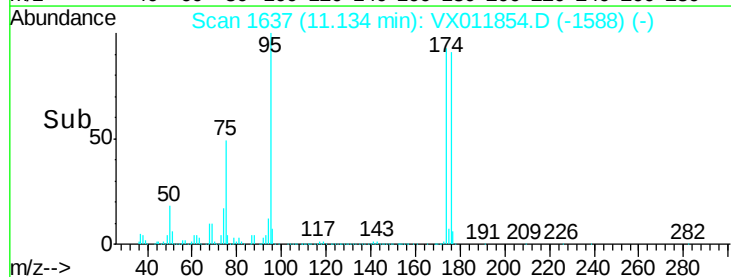
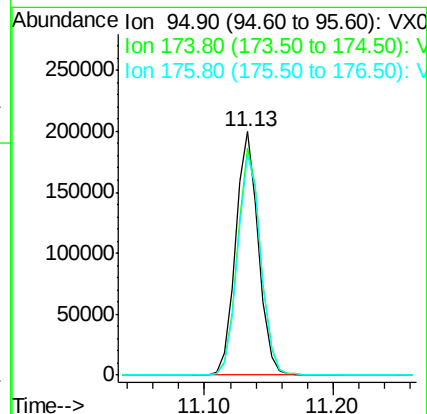
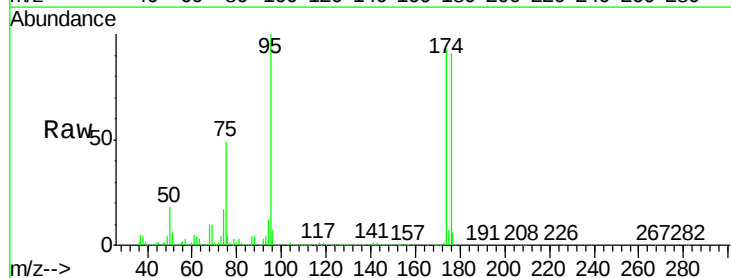
Tgt Ion: 95 Resp: 246274

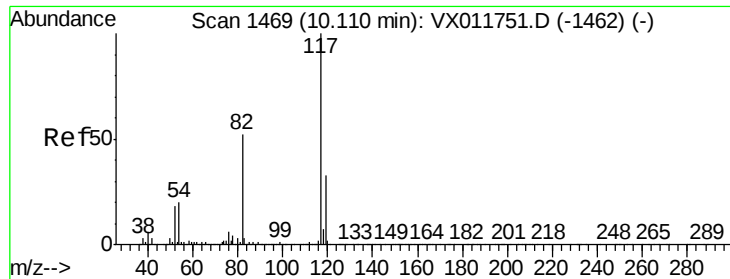
Ion Ratio Lower Upper

95 100

174 95.1 0.0 197.4

176 92.8 0.0 194.4

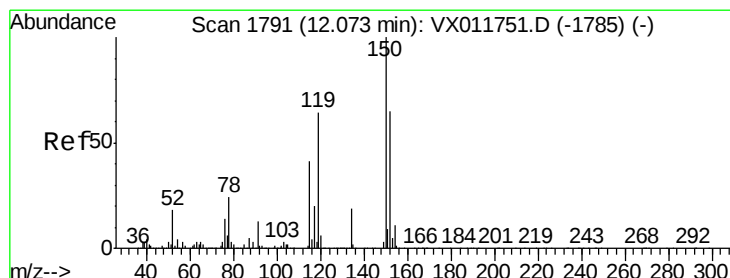
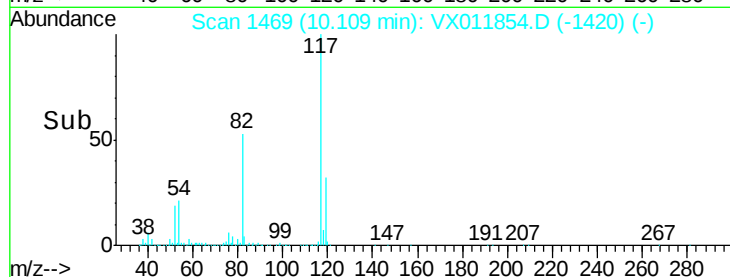
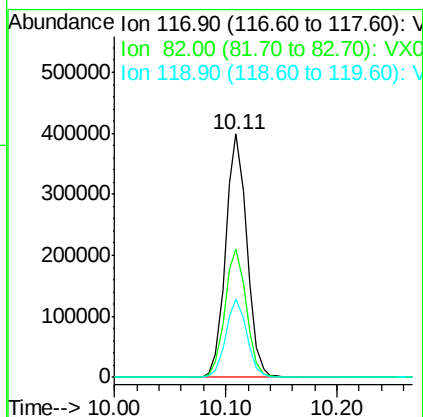
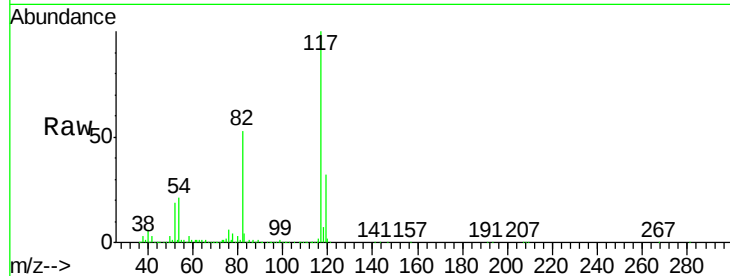




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011854.D
Acq: 27 Aug 2019 16:50

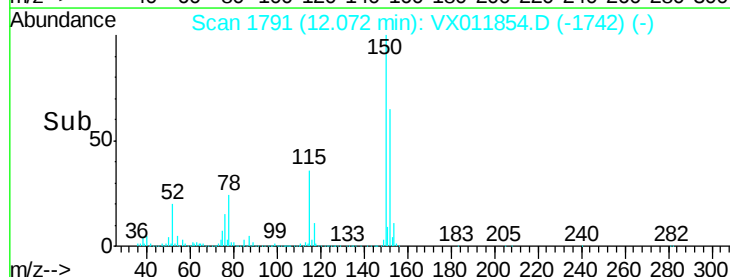
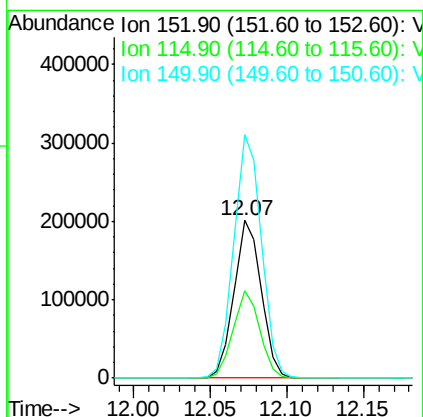
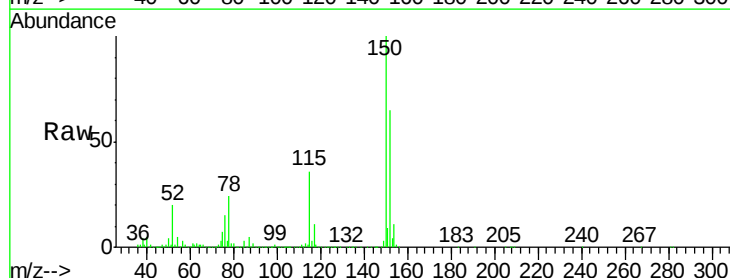
Instrument :
MSVOA_X
ClientSampled :
TW-13

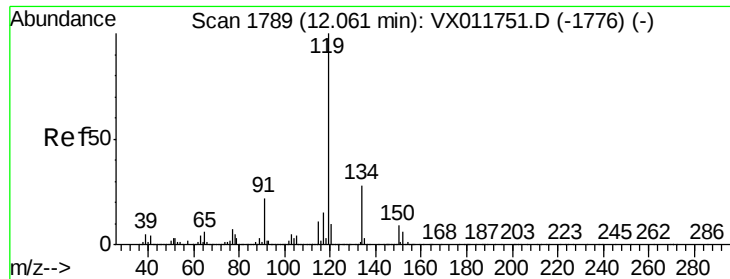
Tot Ion:117 Resp: 525685
Ion Ratio Lower Upper
117 100
82 52.9 41.7 62.5
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011854.D
Acq: 27 Aug 2019 16:50

Tgt Ion:152 Resp: 249125
Ion Ratio Lower Upper
152 100
115 54.3 37.3 111.8
150 157.1 0.0 343.0





#86
 p-Isopropyltoluene
 Concen: 0.302 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011854.D
 Acq: 27 Aug 2019 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-13

Tot Ion:	119	Resp:	4109
Ion	Ratio	Lower	Upper
119	100		
134	37.1	13.7	41.0
91	38.1	11.1	33.3

