

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011675.D
 Acq On : 20 Aug 2019 11:30
 Operator : JC/SP
 Sample : K4409-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-081919

Quant Time: Aug 20 13:25:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	381576	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.85	114	534338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	481734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	245810	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170894	48.29	ug/l	0.01
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	5.52	113	97575	27.92	ug/l	0.03
Spiked Amount	50.000		Recovery	=	55.84%	
50) Toluene-d8	8.71	98	615182	56.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.98%	
62) 4-Bromofluorobenzene	11.14	95	223560	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

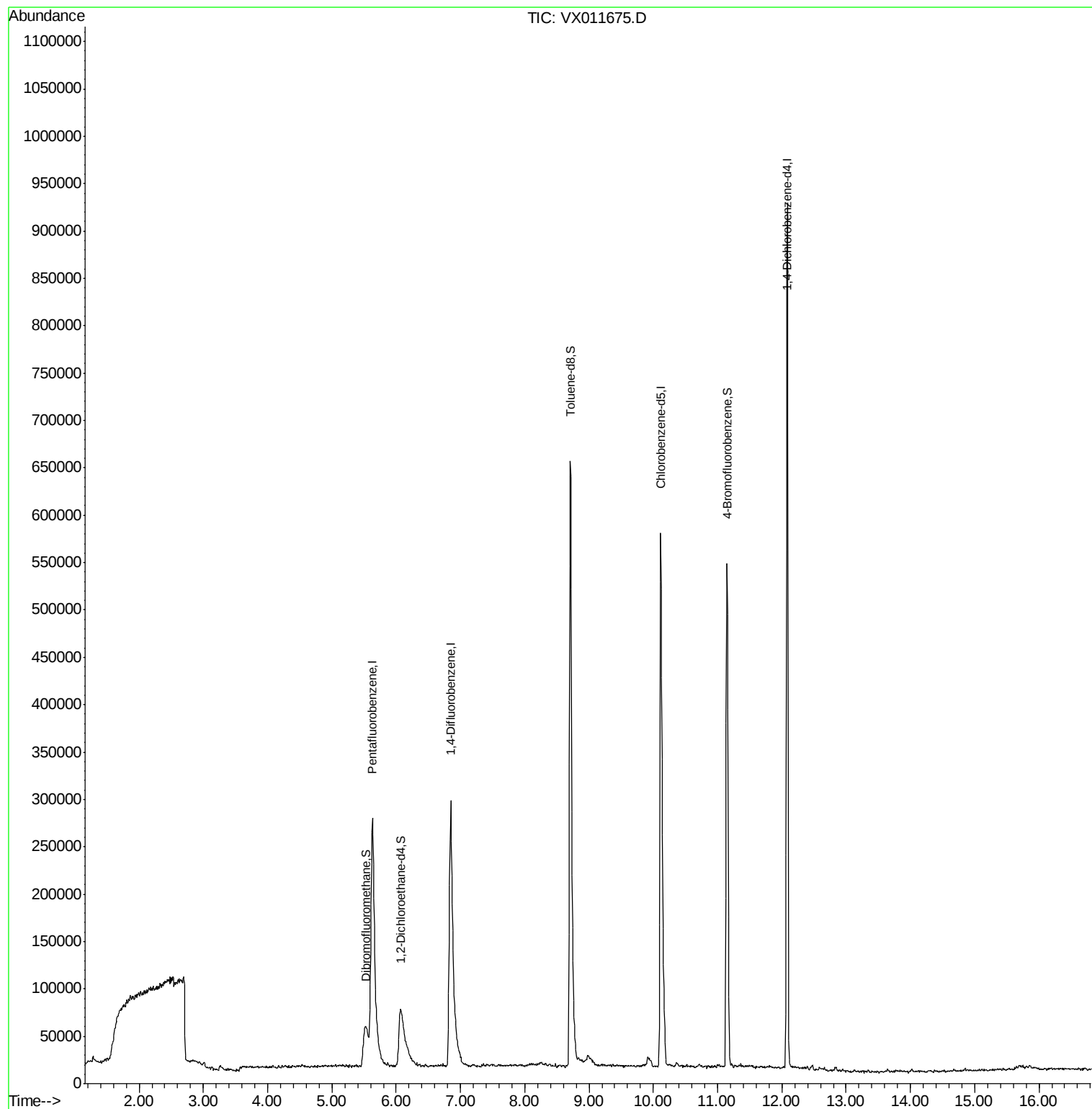
Target Compounds	Qvalue
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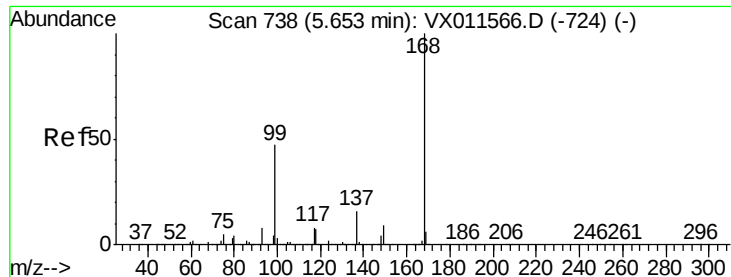
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 735

Delta R.T. -0.02 min

Lab File: VX011675.D

Acq: 20 Aug 2019 11:30

Instrument :

MSVOA_X

ClientSampled :

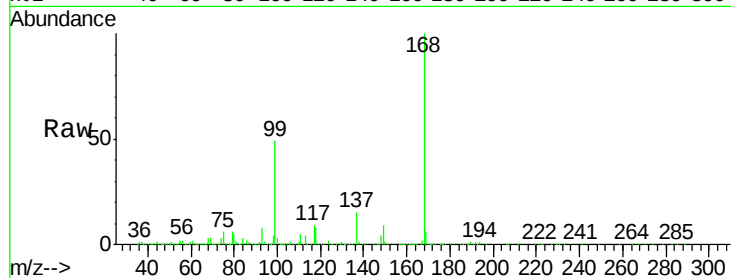
TB01-081919

Tot Ion:168 Resp: 381576

Ion Ratio Lower Upper

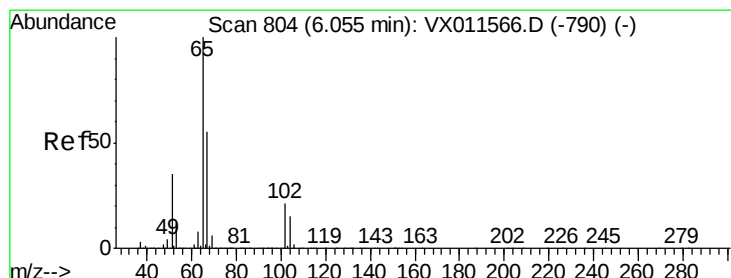
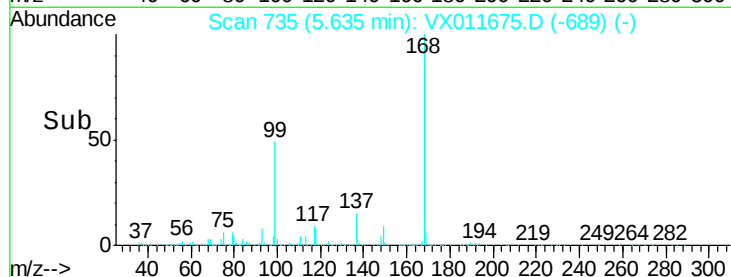
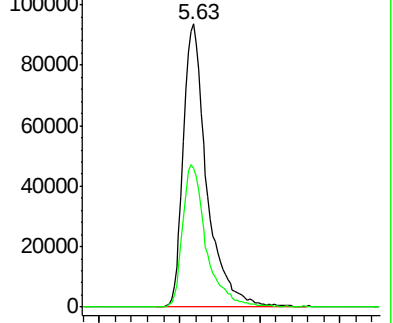
168 100

99 48.9 37.3 55.9



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: 48.294 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX011675.D

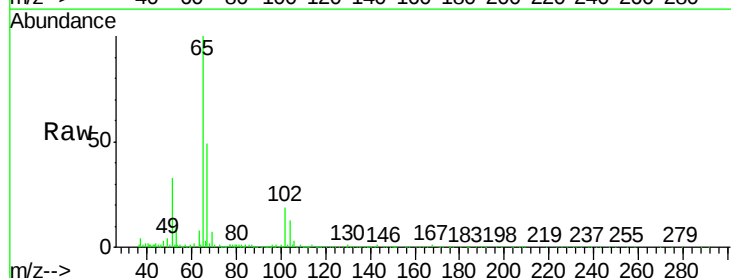
Acq: 20 Aug 2019 11:30

Tgt Ion: 65 Resp: 170894

Ion Ratio Lower Upper

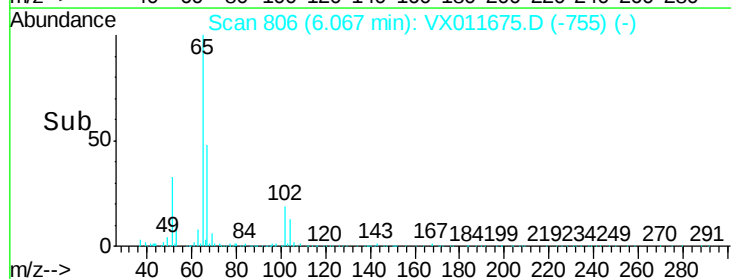
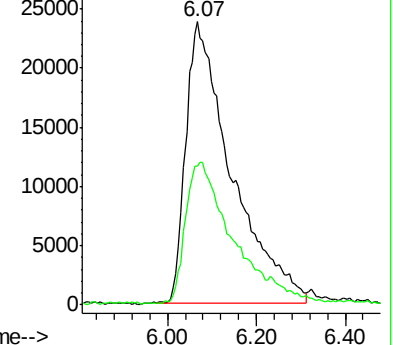
65 100

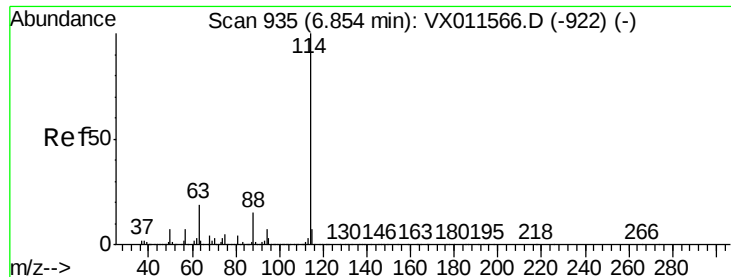
67 48.0 0.0 107.6



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# 934

Delta R.T. -0.01 min

Lab File: VX011675.D

Acq: 20 Aug 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

TB01-081919

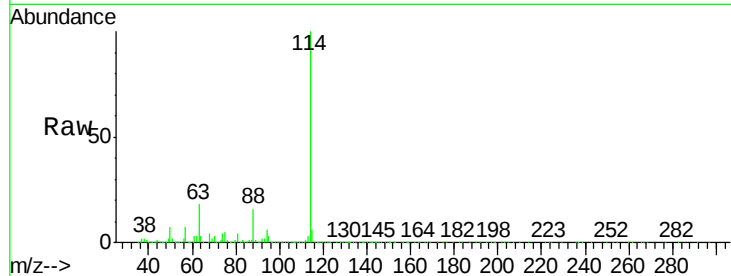
Tot Ion:114 Resp: 534338

Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.8

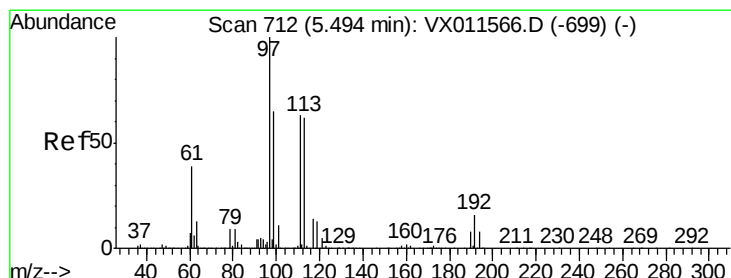
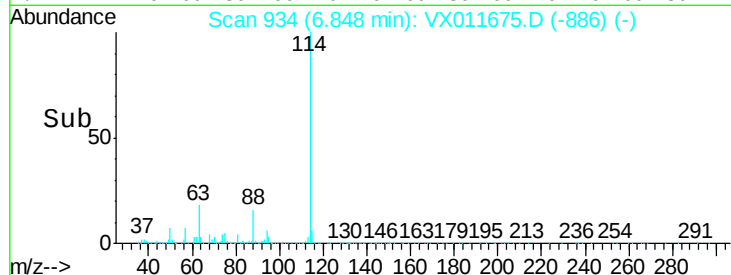
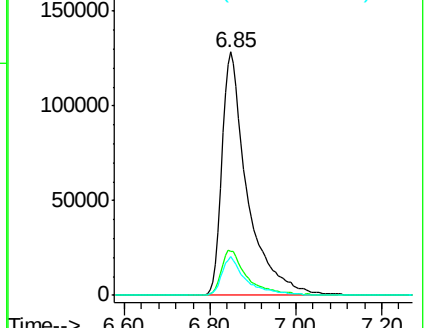
88 15.9 0.0 30.2



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: 27.919 ug/l

RT: 5.52 min Scan# 717

Delta R.T. 0.03 min

Lab File: VX011675.D

Acq: 20 Aug 2019 11:30

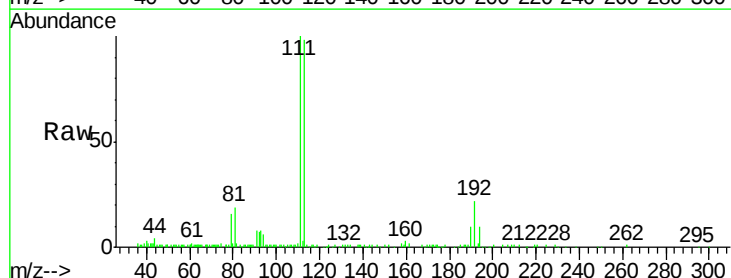
Tgt Ion:113 Resp: 97575

Ion Ratio Lower Upper

113 100

111 103.4 81.1 121.7

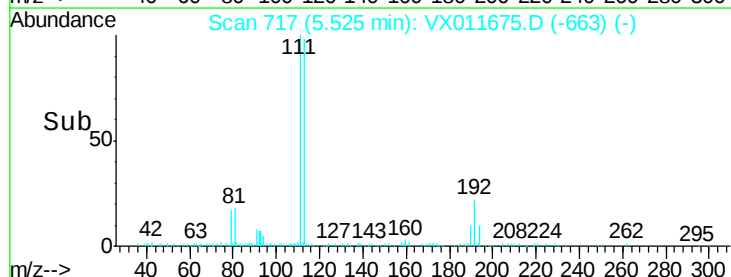
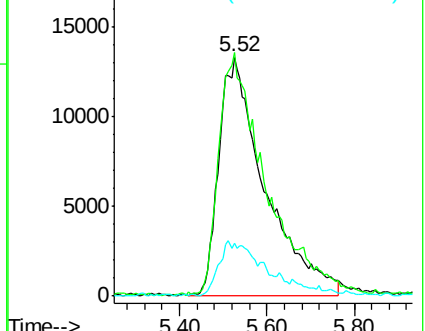
192 19.5 20.8 31.2#

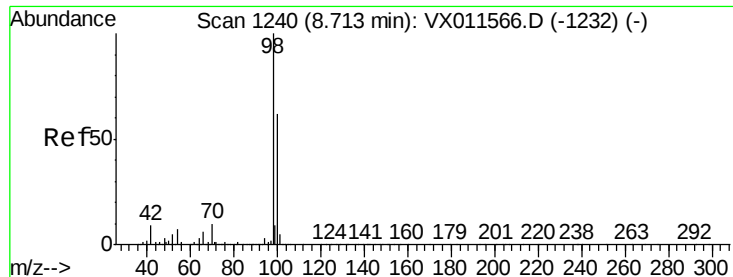


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

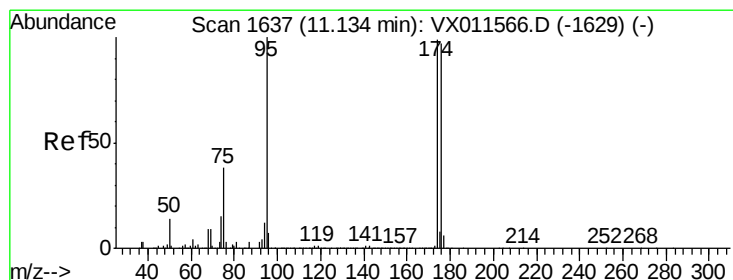
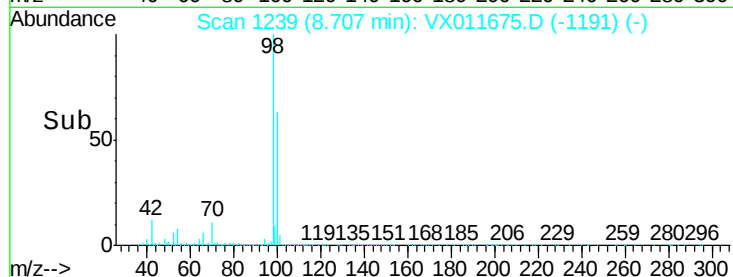
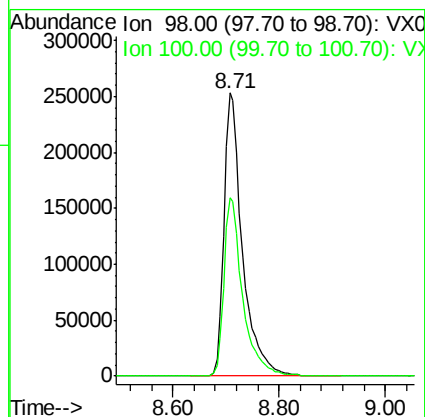
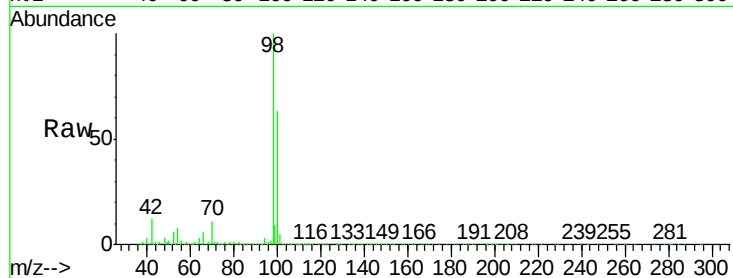




#50
Toluene-d8
Concen: 56.492 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011675.D
Acq: 20 Aug 2019 11:30

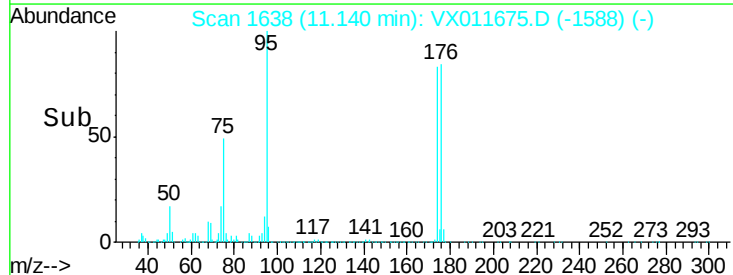
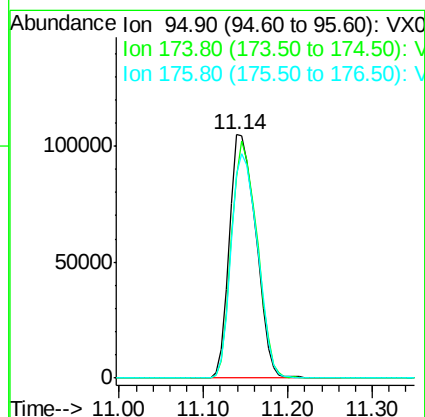
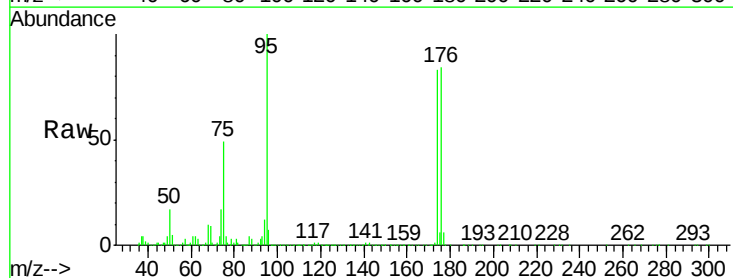
Instrument :
MSVOA_X
ClientSampleId :
TB01-081919

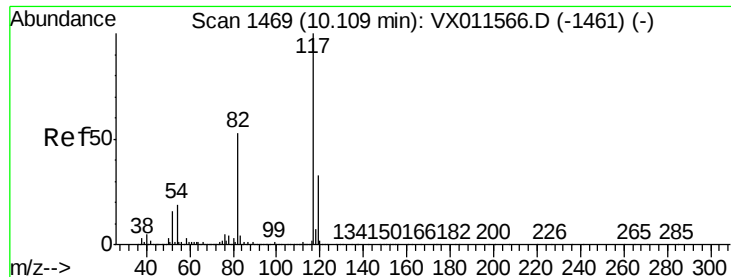
Tot Ion: 98 Resp: 615182
Ion Ratio Lower Upper
98 100
100 63.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.638 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX011675.D
Acq: 20 Aug 2019 11:30

Tgt Ion: 95 Resp: 223560
Ion Ratio Lower Upper
95 100
174 93.9 0.0 200.6
176 91.1 0.0 196.6

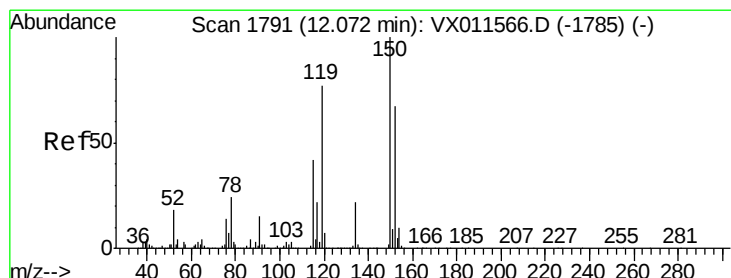
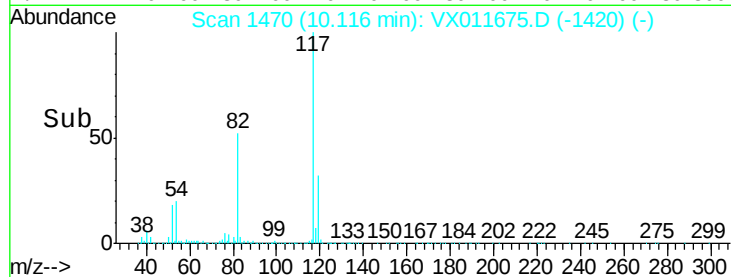
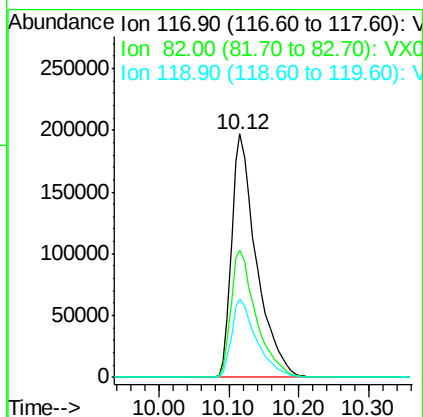
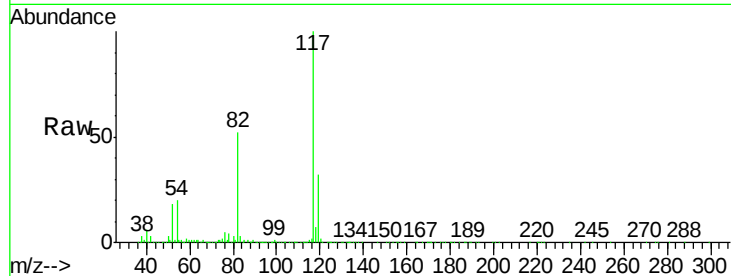




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX011675.D
Acq: 20 Aug 2019 11:30

Instrument :
MSVOA_X
ClientSampled :
TB01-081919

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.0	63.0
119	32.2	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX011675.D
Acq: 20 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	37.3	111.9
150	155.2	0.0	346.2

