

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030220\
 Data File : VX015067.D
 Acq On : 02 Mar 2020 13:04
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 02 16:50:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	442437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	705332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	689397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	365788	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	244172	48.90	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	5.48	113	210658	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.71	98	864280	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.13	95	330557	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	

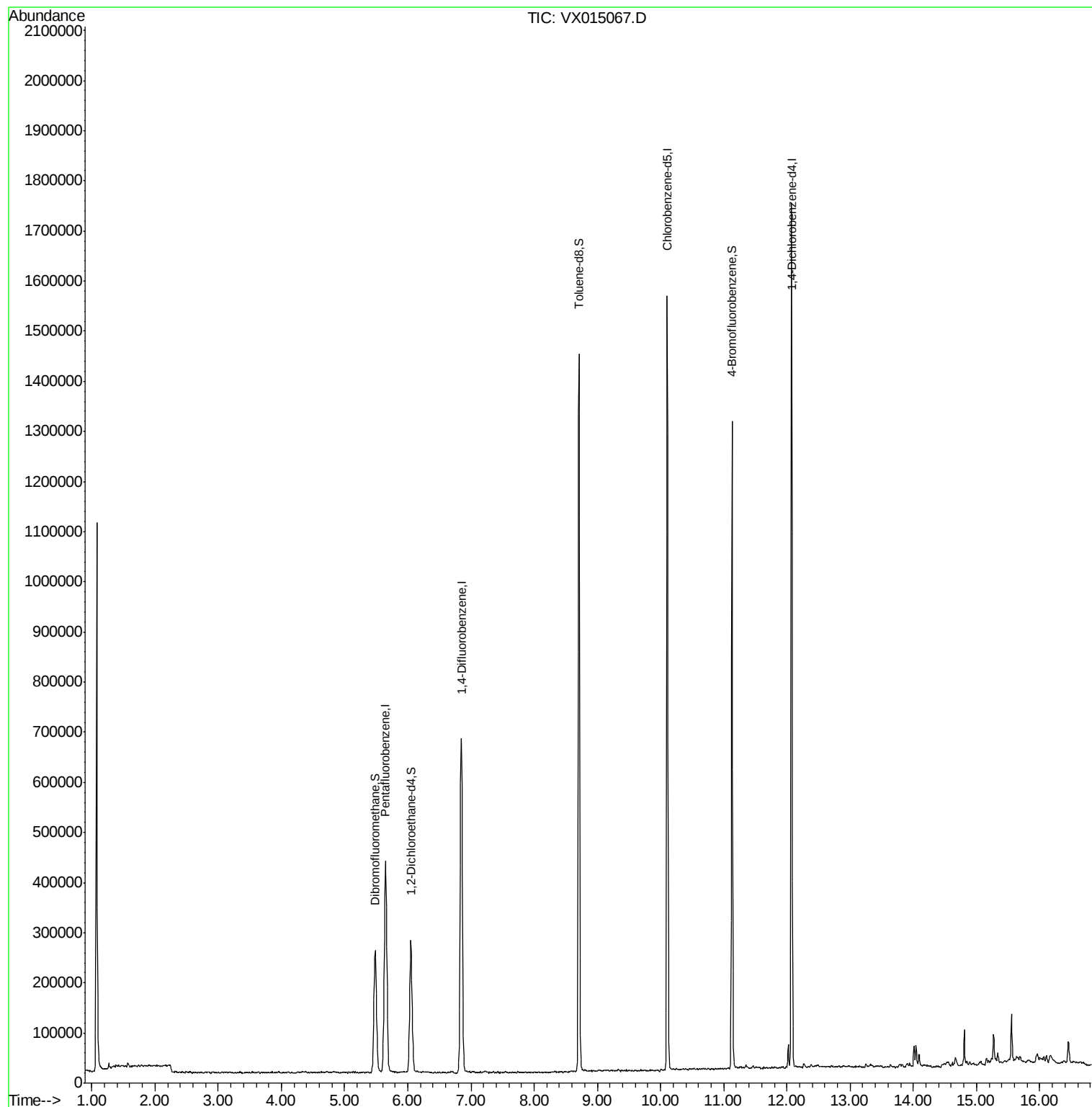
Target Compounds	Qvalue

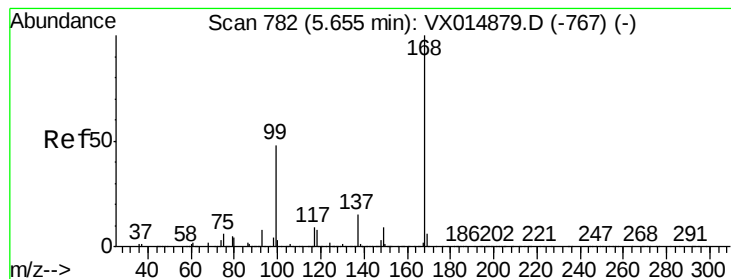
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015067.D

Acq: 02 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

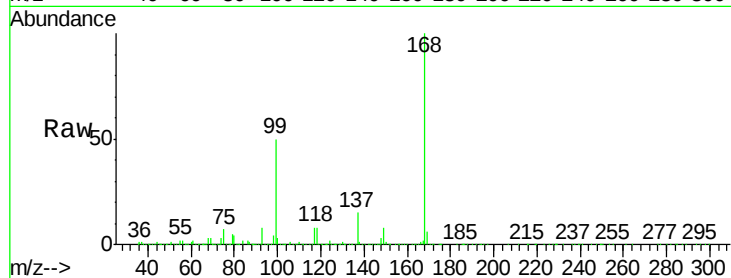
IBLK

Tot Ion:168 Resp: 442437

Ion Ratio Lower Upper

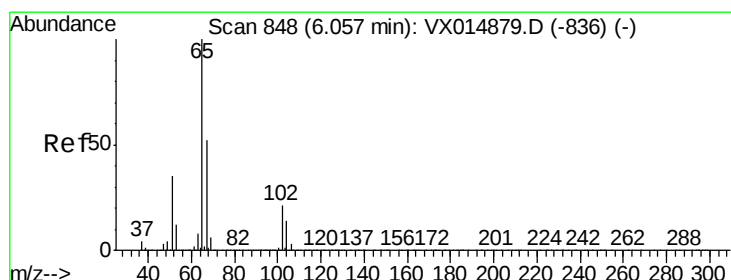
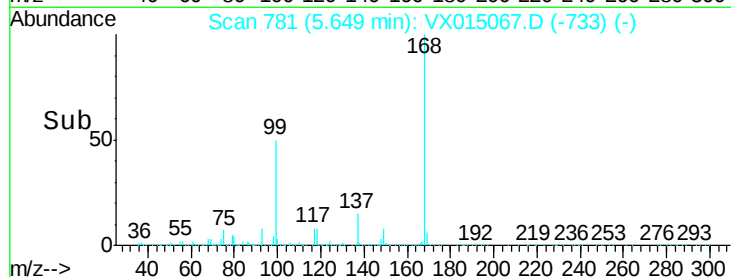
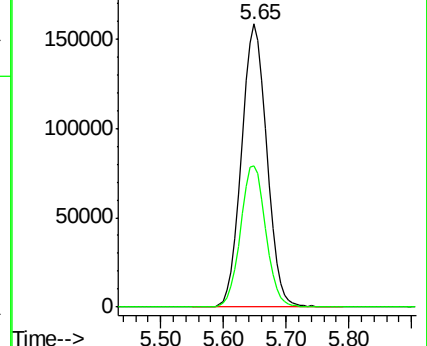
168 100

99 49.9 38.7 58.1



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: 48.900 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX015067.D

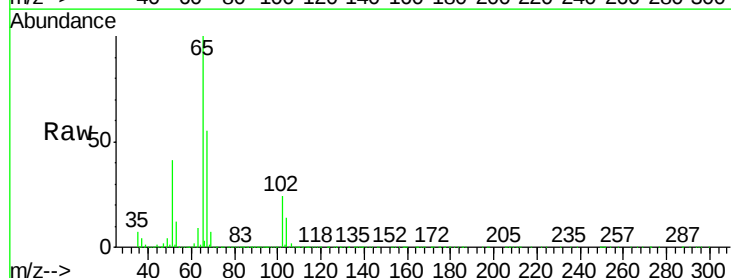
Acq: 02 Mar 2020 13:04

Tgt Ion: 65 Resp: 244172

Ion Ratio Lower Upper

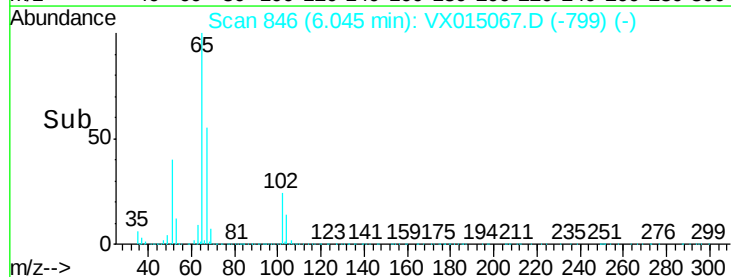
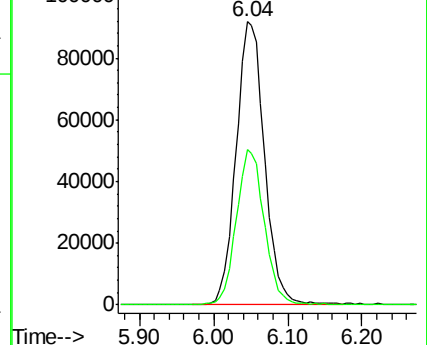
65 100

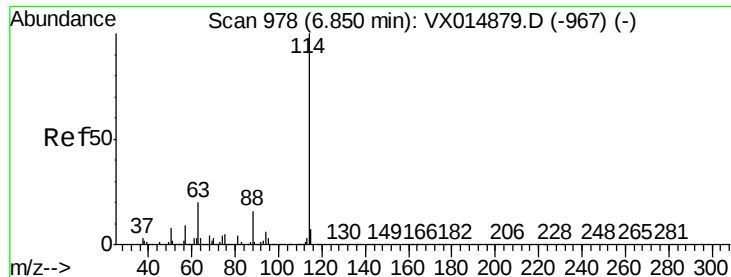
67 53.9 0.0 103.0



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# 978

Delta R.T. 0.00 min

Lab File: VX015067.D

Acq: 02 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK

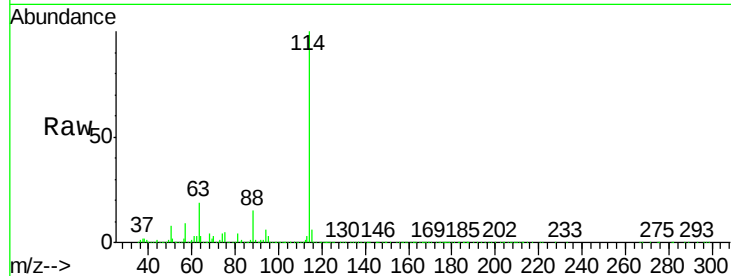
Tot Ion:114 Resp: 705332

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

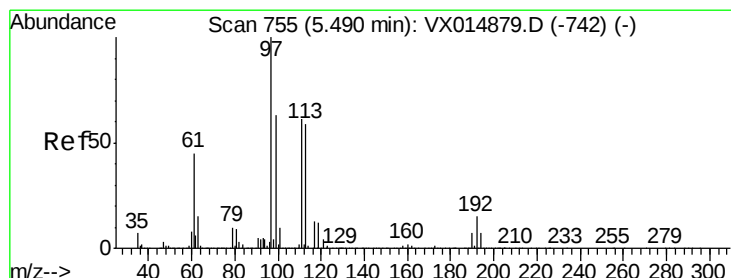
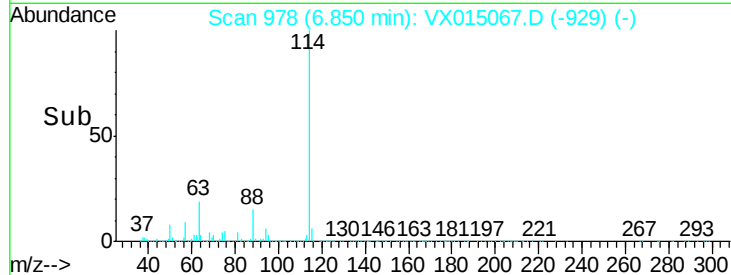
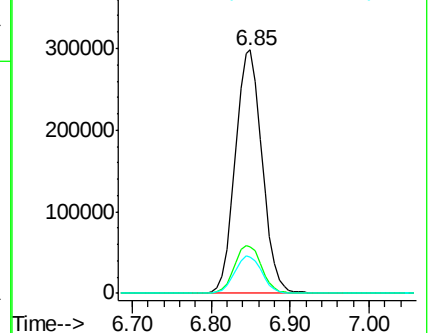
88 15.1 0.0 32.0



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: 48.581 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015067.D

Acq: 02 Mar 2020 13:04

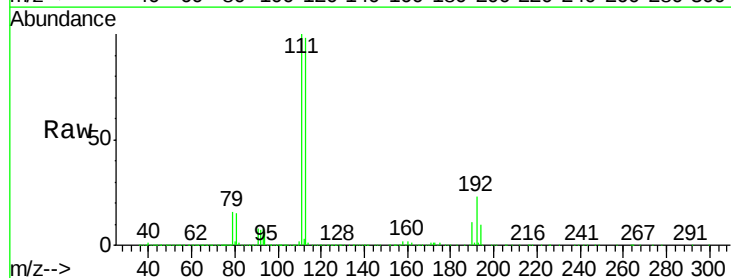
Tgt Ion:113 Resp: 210658

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

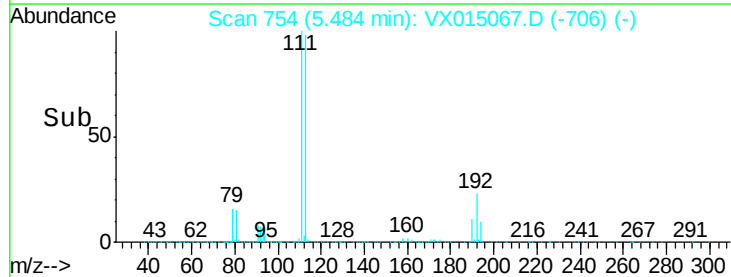
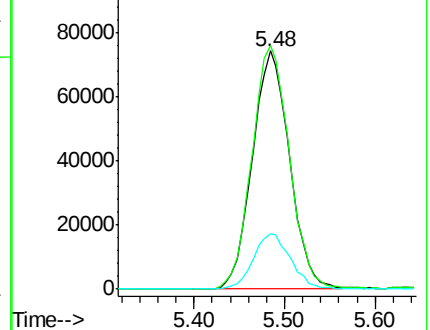
192 23.5 19.1 28.7

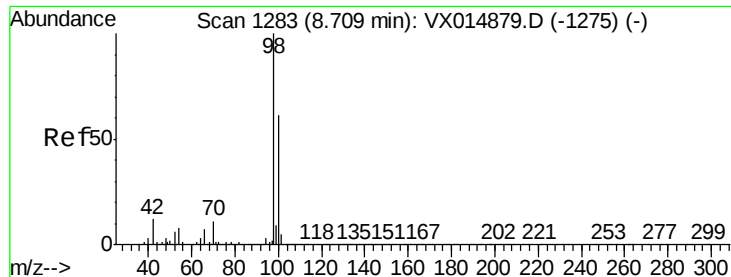


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

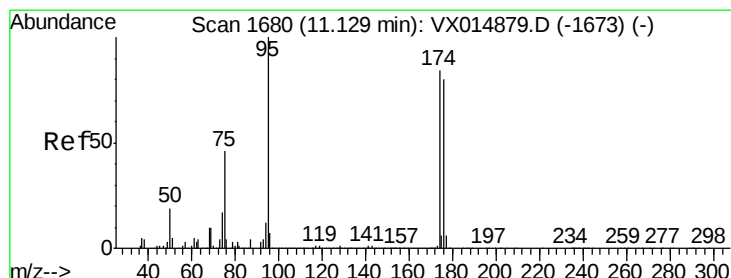
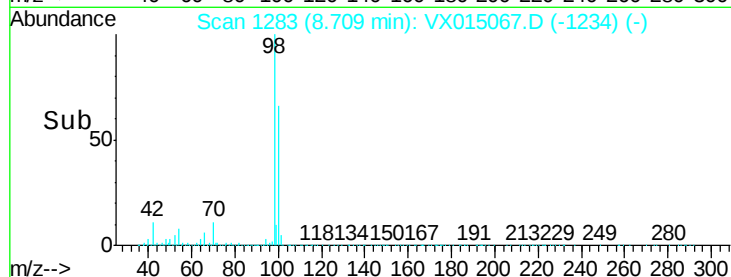
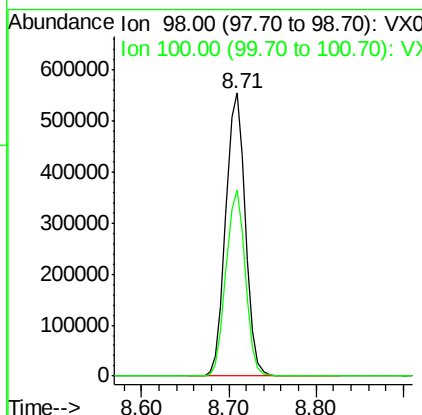
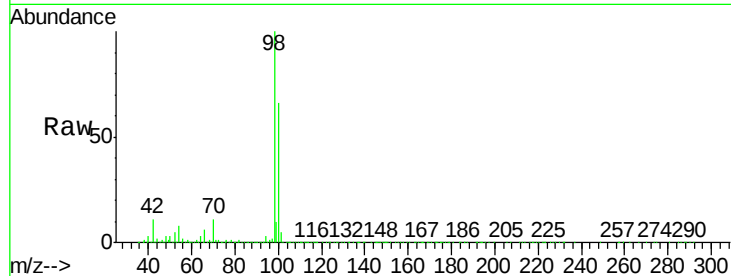




#50
Toluene-d8
Concen: 52.217 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015067.D
Acq: 02 Mar 2020 13:04

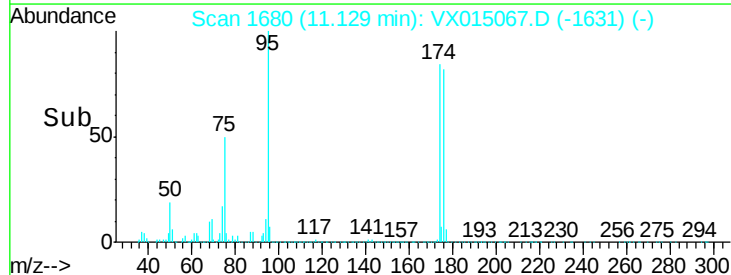
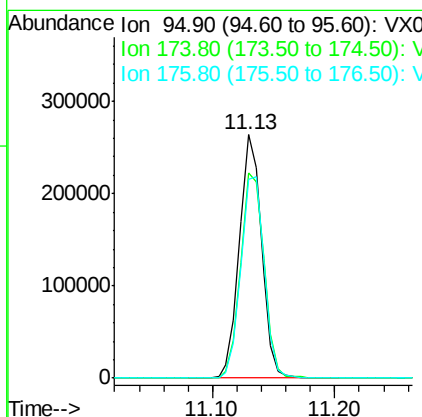
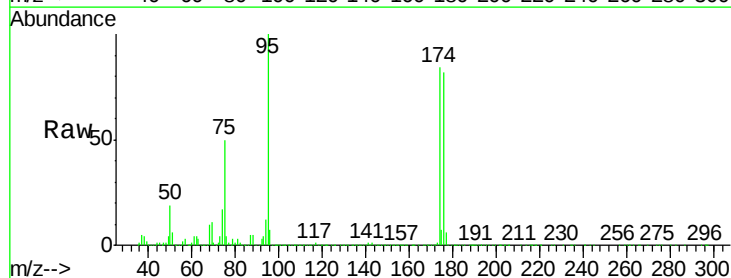
Instrument :
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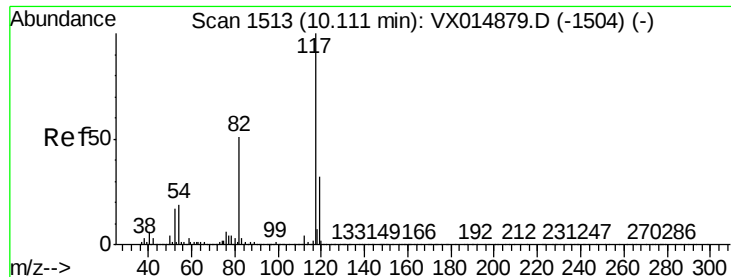
Tot Ion: 98 Resp: 864280
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.440 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015067.D
Acq: 02 Mar 2020 13:04

Tgt Ion: 95 Resp: 330557
Ion Ratio Lower Upper
95 100
174 89.0 0.0 183.0
176 87.4 0.0 178.0

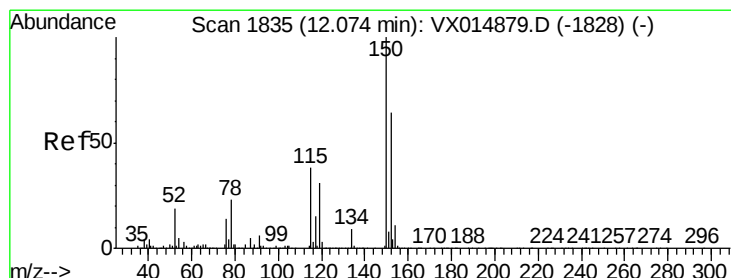
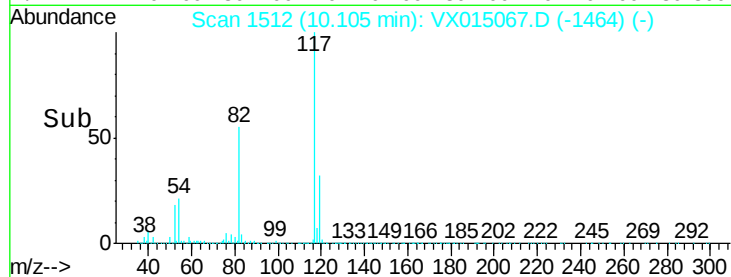
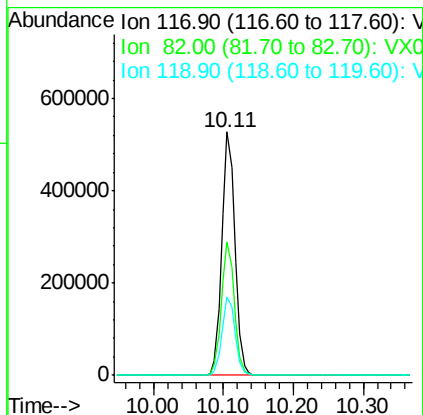
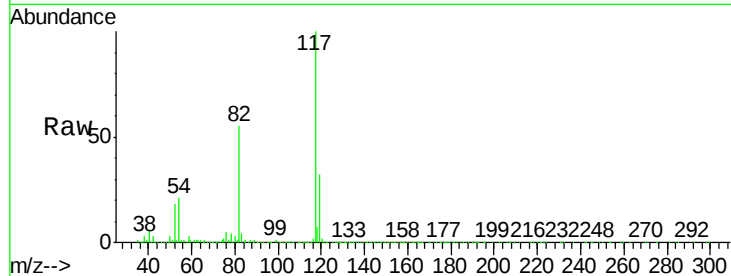




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015067.D
Acq: 02 Mar 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	40.5	60.7
119	32.0	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015067.D
Acq: 02 Mar 2020 13:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.6	116.0
150	158.4	0.0	349.0

