

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\
 Data File : VX014889.D
 Acq On : 10 Feb 2020 15:45
 Operator : JC/SP
 Sample : L1448-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Feb 11 07:11:25 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	449132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	692695	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	665076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345507	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	258866	51.07	ug/l	0.00
Spiked Amount						
			Recovery	=	102.14%	
35) Dibromofluoromethane	5.49	113	213680	50.18	ug/l	0.00
Spiked Amount						
			Recovery	=	100.36%	
50) Toluene-d8	8.71	98	828681	50.98	ug/l	0.00
Spiked Amount						
			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.13	95	310254	52.98	ug/l	0.00
Spiked Amount						
			Recovery	=	105.96%	

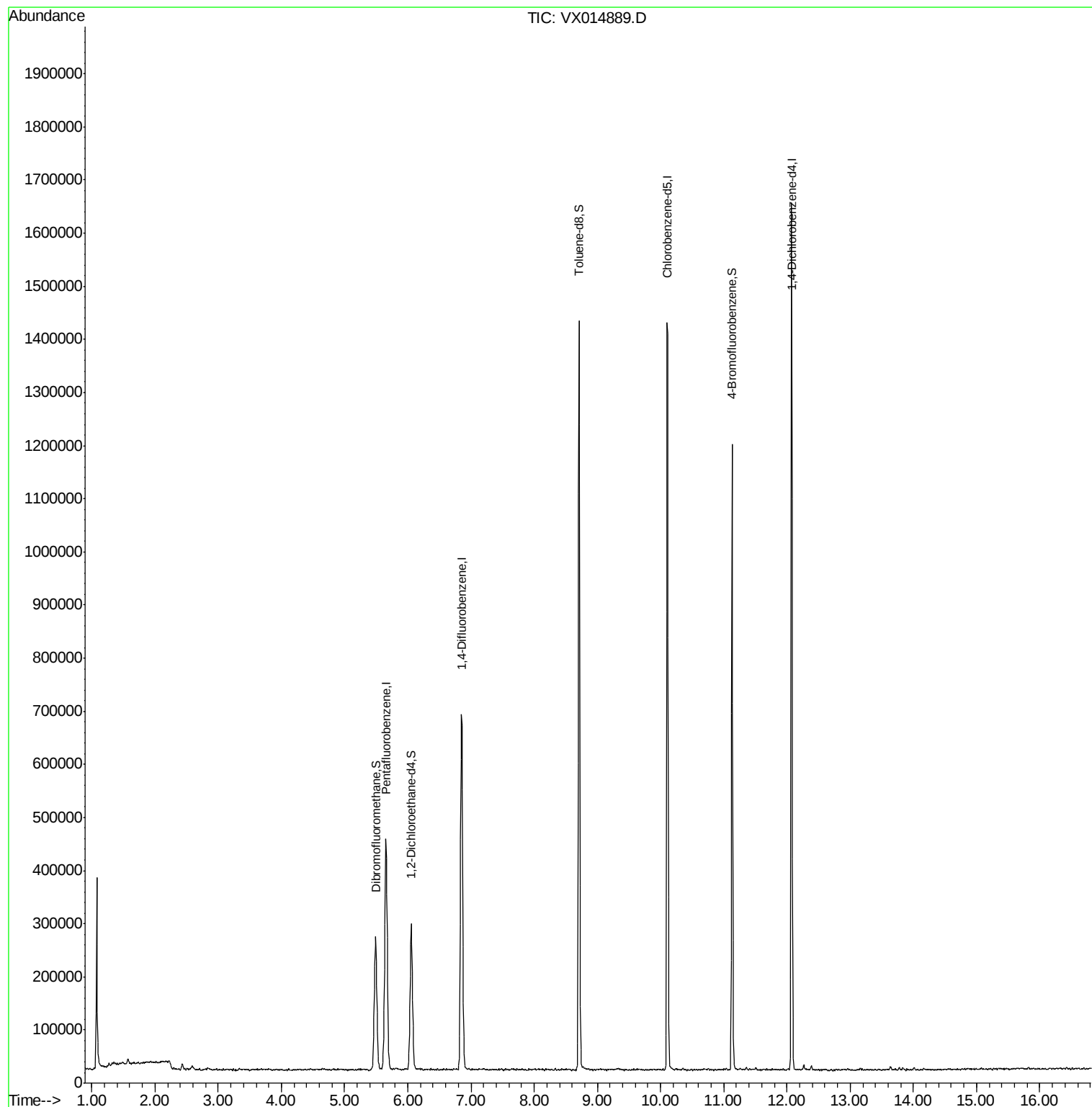
Target Compounds	Qvalue
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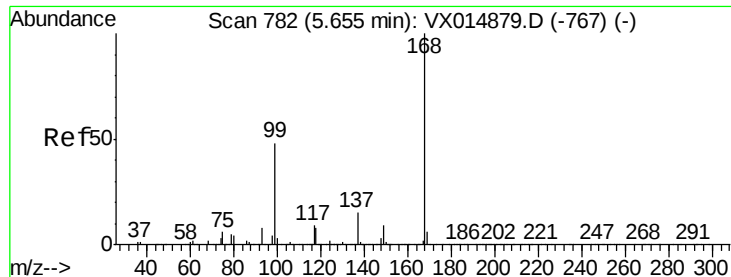
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014889.D

Acq: 10 Feb 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

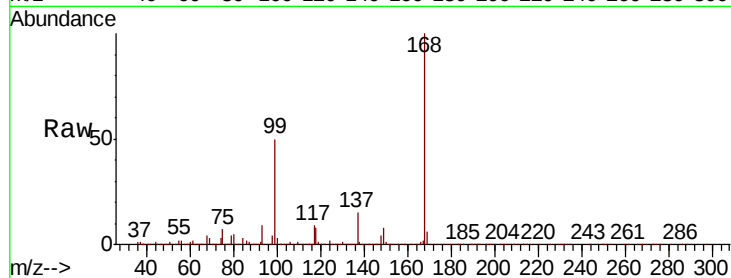
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 449132

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

5.65

150000

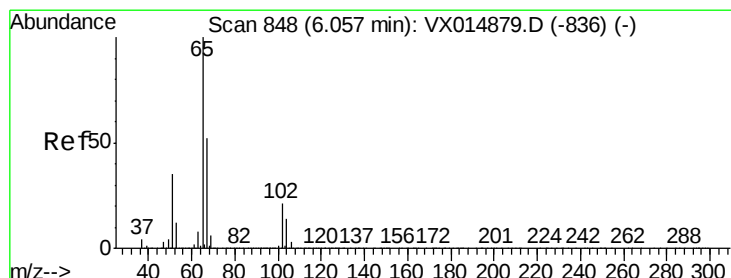
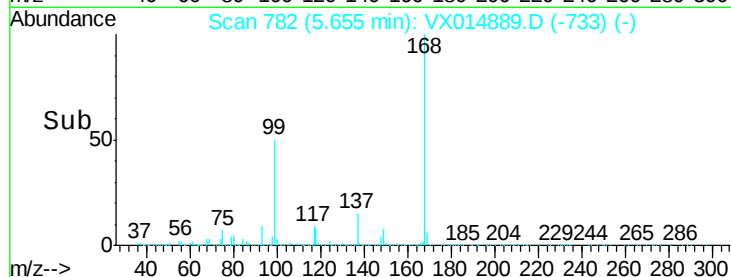
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.070 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX014889.D

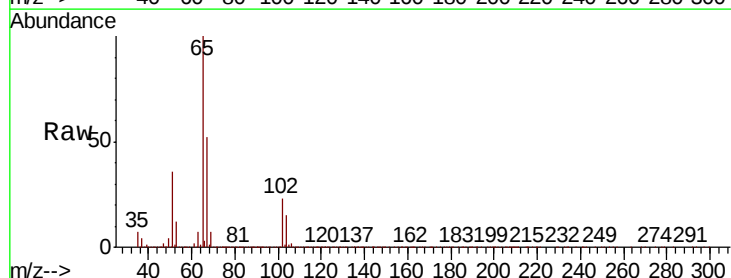
Acq: 10 Feb 2020 15:45

Tgt Ion: 65 Resp: 258866

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

100000

80000

60000

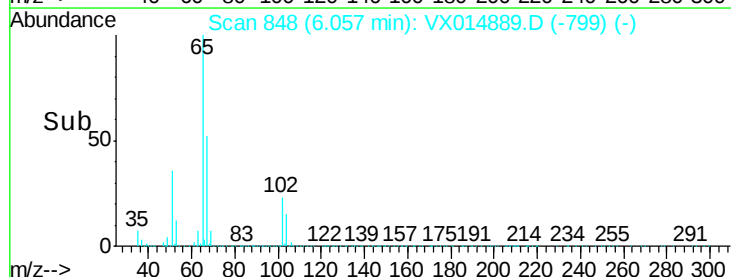
40000

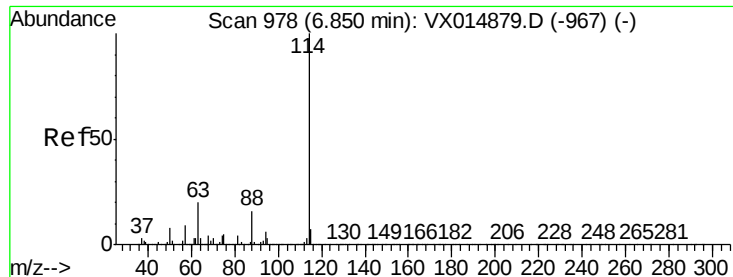
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014889.D

Acq: 10 Feb 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

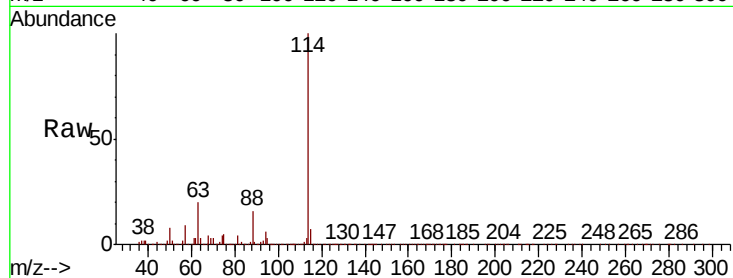
Tot Ion:114 Resp: 692695

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

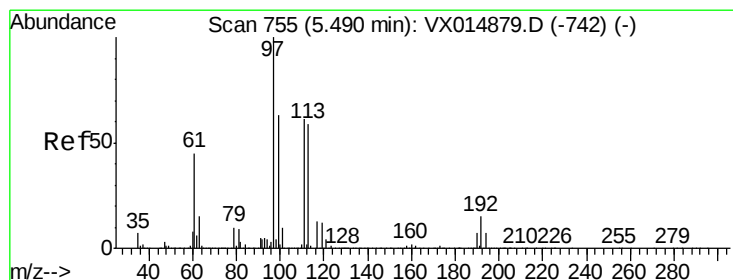
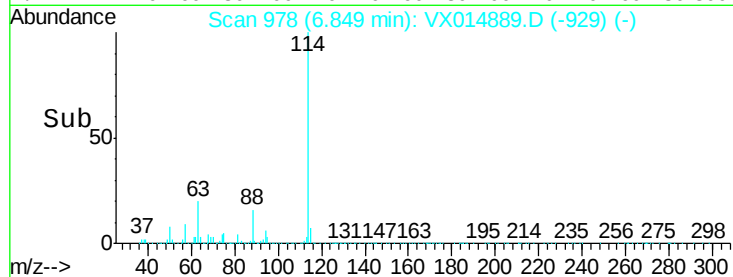
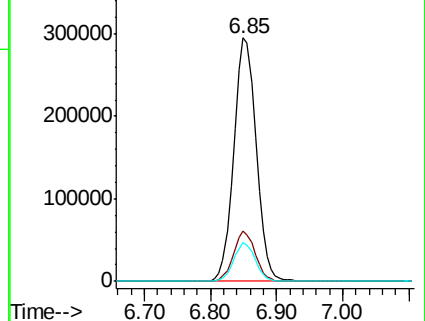
88 15.7 0.0 32.0



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: 50.177 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014889.D

Acq: 10 Feb 2020 15:45

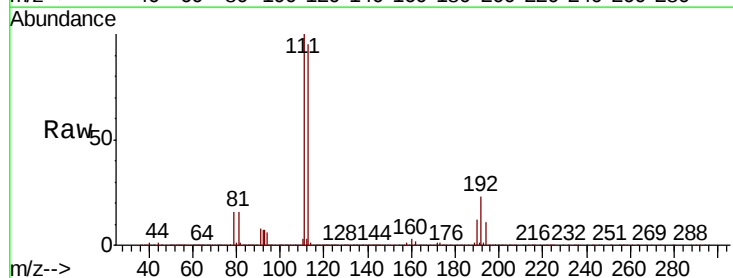
Tgt Ion:113 Resp: 213680

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

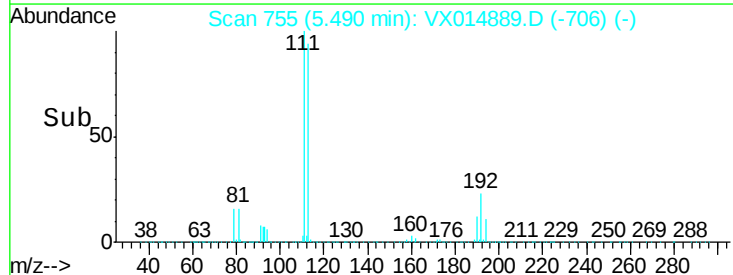
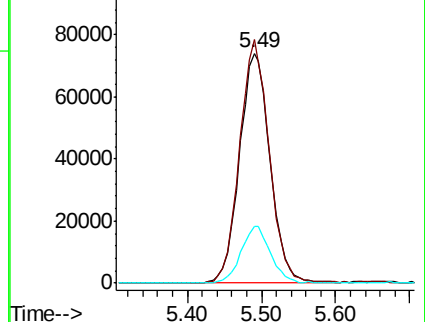
192 23.8 19.1 28.7

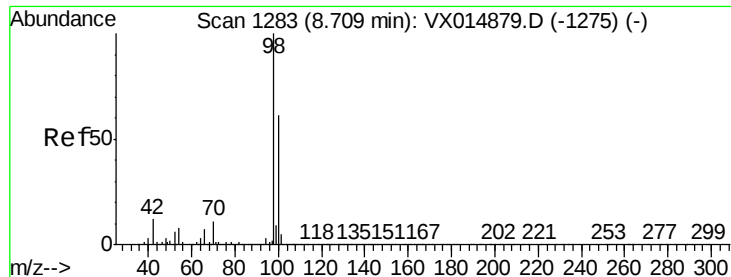


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

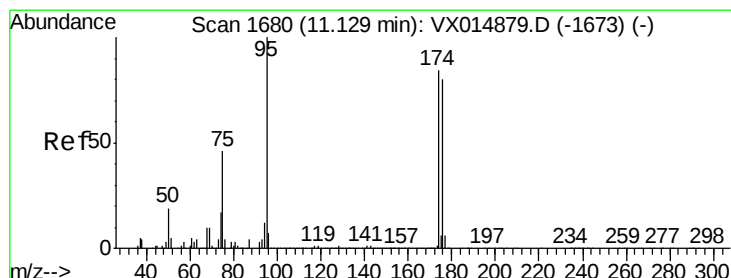
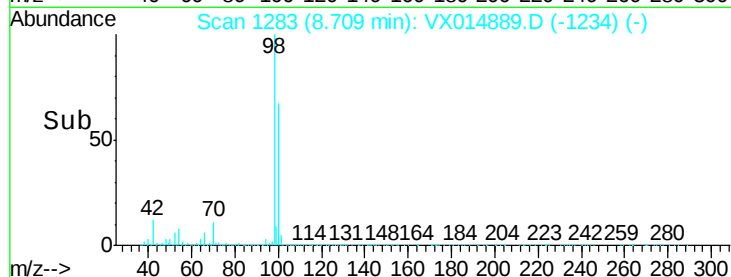
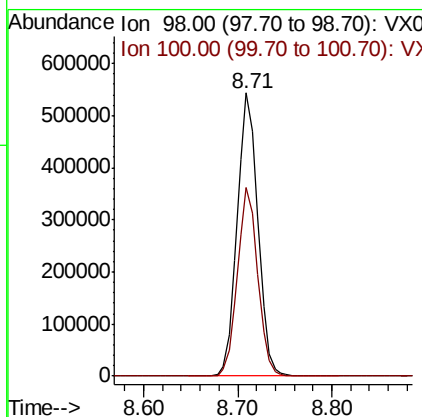
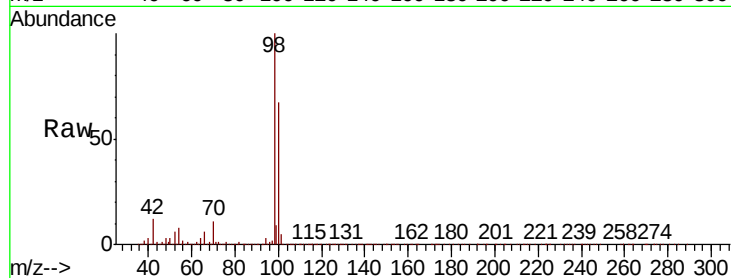




#50
Toluene-d8
Concen: 50.979 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014889.D
Acq: 10 Feb 2020 15:45

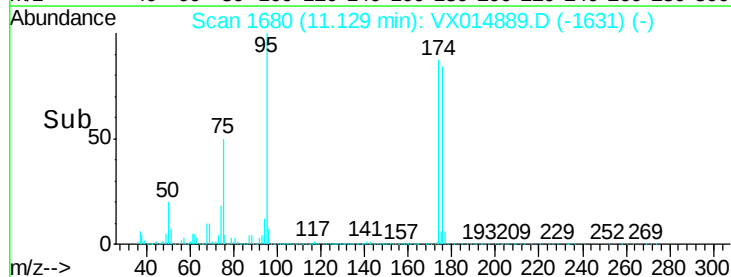
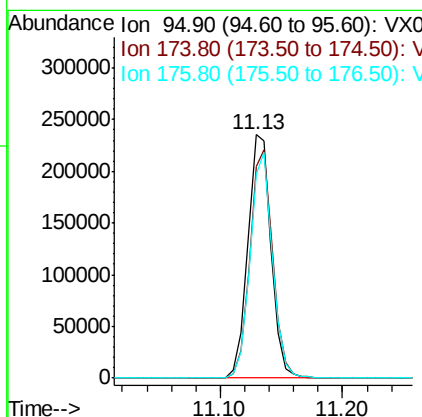
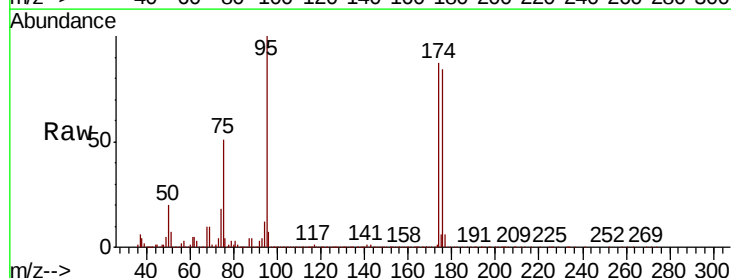
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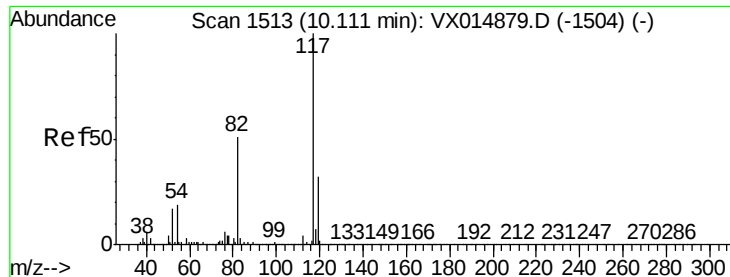
Tot Ion: 98 Resp: 828681
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.984 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014889.D
Acq: 10 Feb 2020 15:45

Tgt Ion: 95 Resp: 310254
Ion Ratio Lower Upper
95 100
174 92.4 0.0 183.0
176 89.8 0.0 178.0

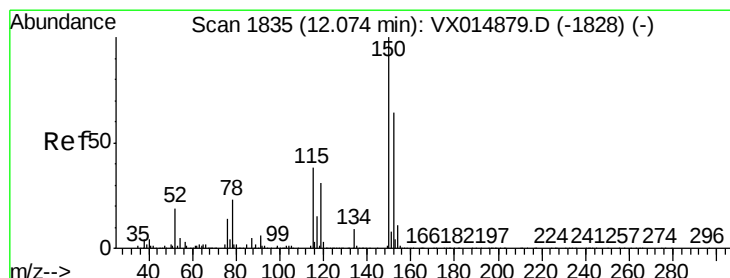
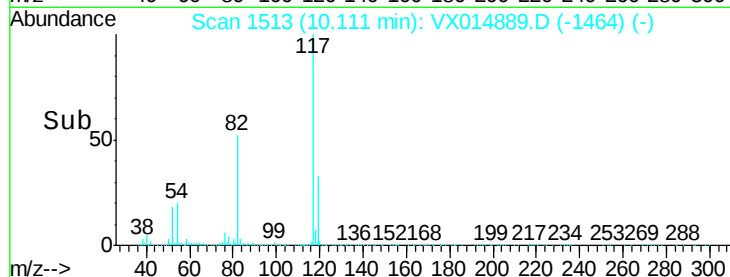
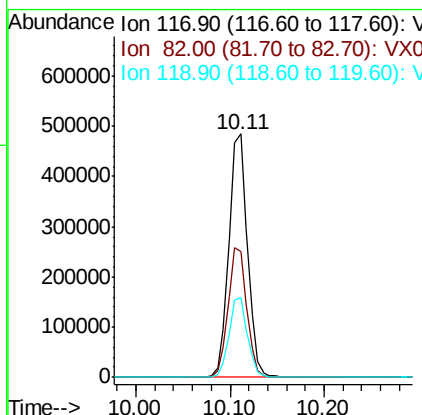
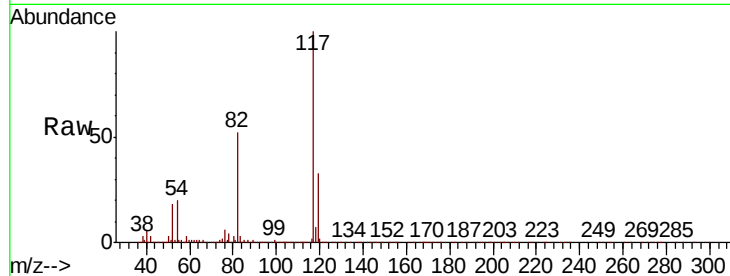




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014889.D
Acq: 10 Feb 2020 15:45

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	40.5	60.7
119	32.6	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: VX014889.D
Acq: 10 Feb 2020 15:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.6	116.0
150	156.9	0.0	349.0

