

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018874.D
 Acq On : 09 Oct 2020 23:48
 Operator : JC/SP
 Sample : VX1009WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBL02

Quant Time: Oct 10 07:19:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	218546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	344001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	335258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169124	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	164808	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	5.46	113	122068	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	8.70	98	418478	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.12	95	163084	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	

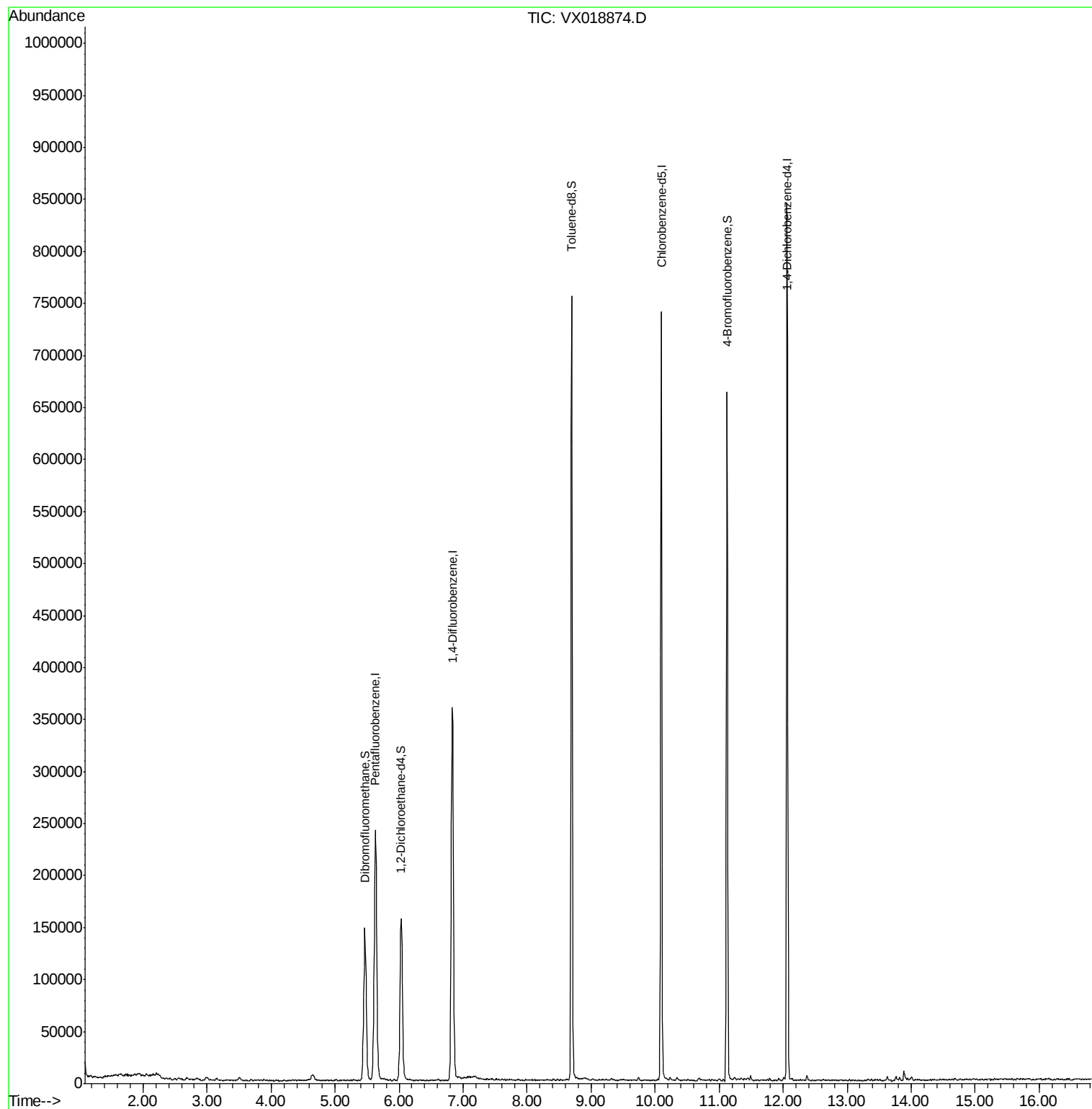
Target Compounds	Qvalue

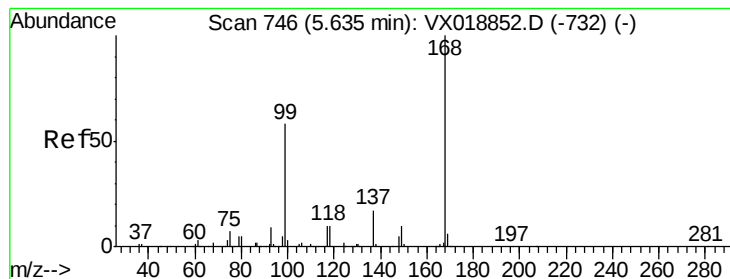
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018874.D

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Instrument :

MSVOA_X

ClientSampleId :

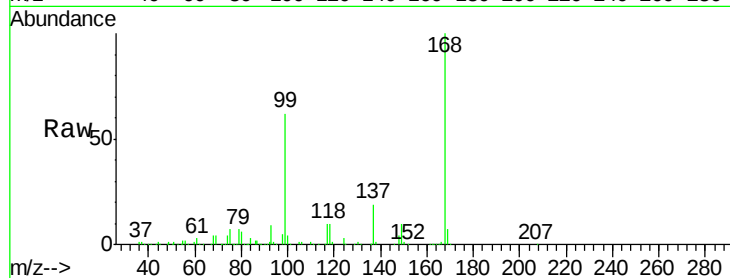
VX1009WBL02

Tot Ion:168 Resp: 218546

Ion Ratio Lower Upper

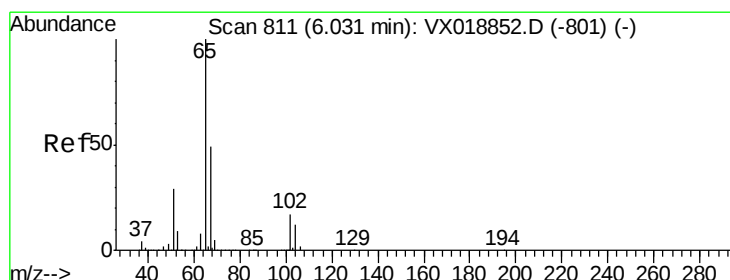
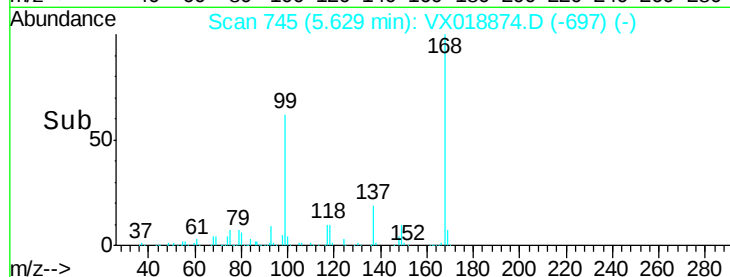
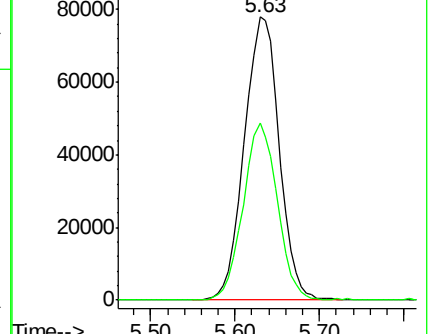
168 100

99 62.4 46.1 69.1



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: 51.130 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018874.D

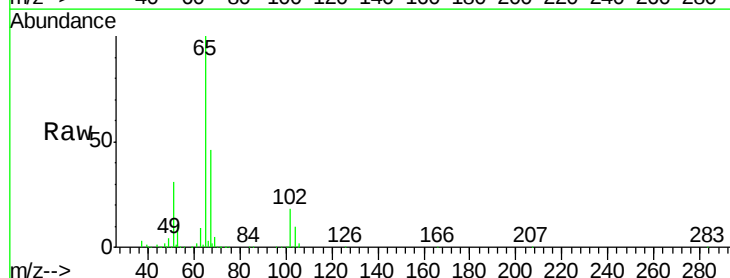
Acq: 09 Oct 2020 23:48

Tgt Ion: 65 Resp: 164808

Ion Ratio Lower Upper

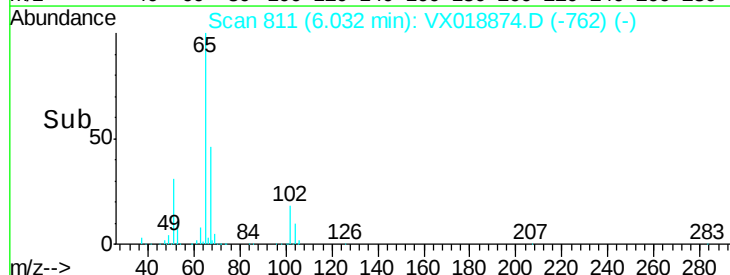
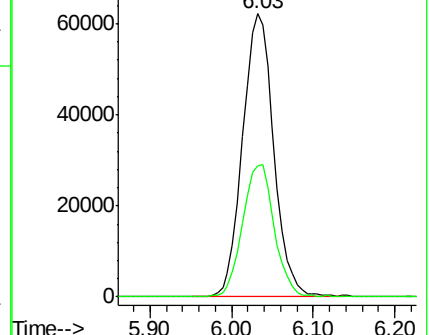
65 100

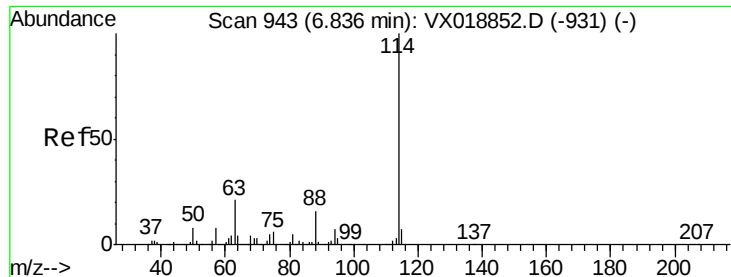
67 47.7 0.0 97.0



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: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018874.D

Acq: 09 Oct 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBL02

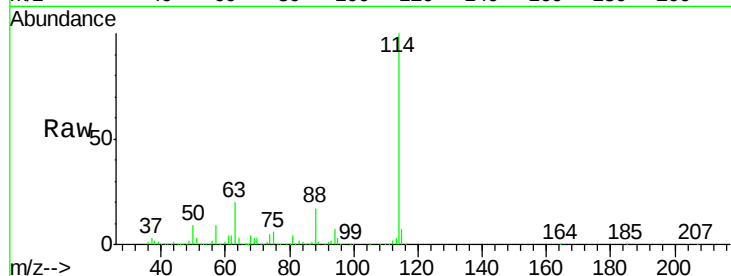
Tot Ion:114 Resp: 344001

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 16.7 0.0 32.6



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

200000

150000

100000

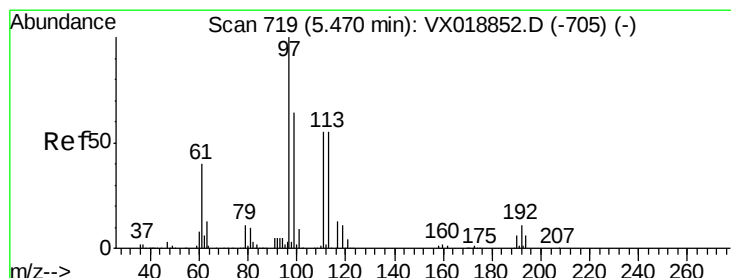
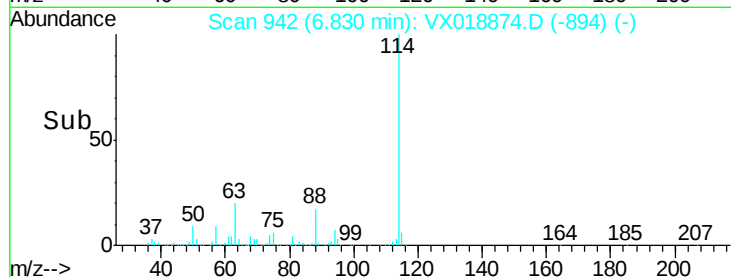
50000

0

6.83

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 49.792 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018874.D

Acq: 09 Oct 2020 23:48

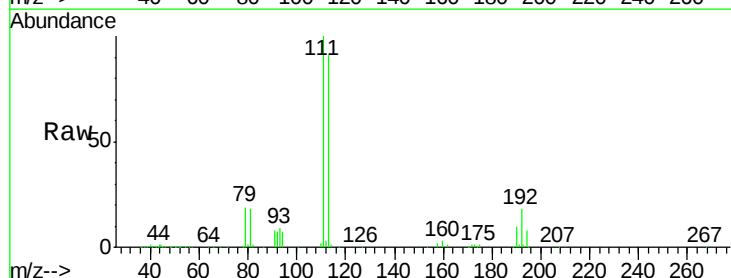
Tgt Ion:113 Resp: 122068

Ion Ratio Lower Upper

113 100

111 101.4 80.1 120.1

192 19.7 16.0 24.0



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

60000

50000

40000

30000

20000

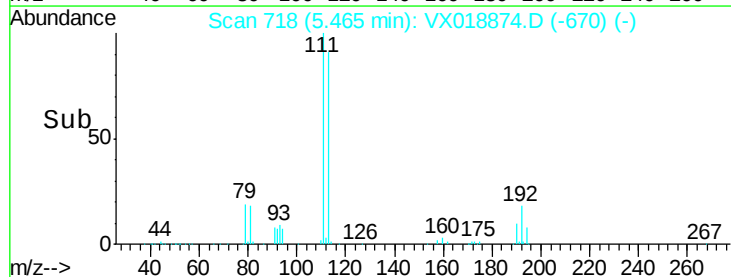
10000

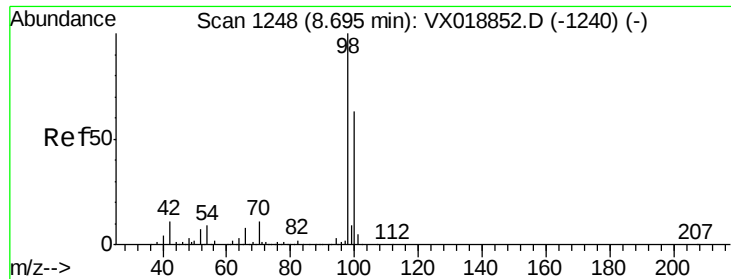
0

5.46

5.30 5.40 5.50 5.60

Time-->

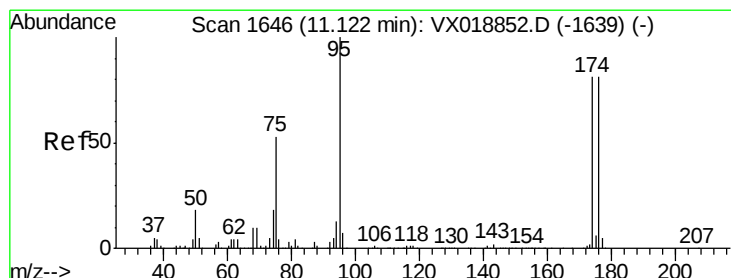
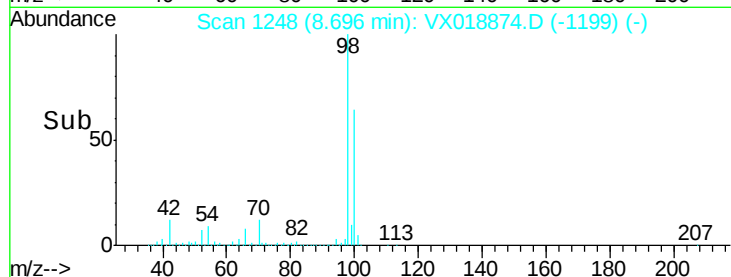
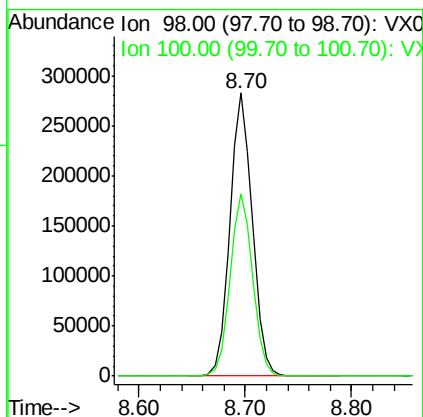
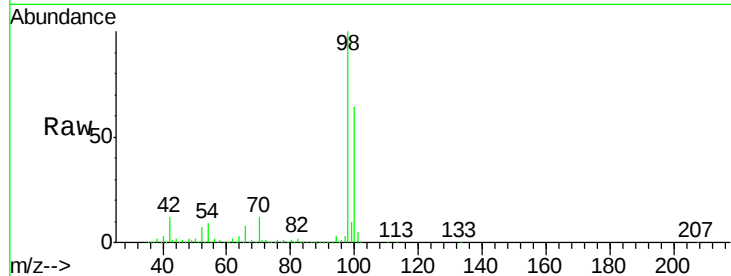




#50
Toluene-d8
Concen: 49.210 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018874.D
Acq: 09 Oct 2020 23:48

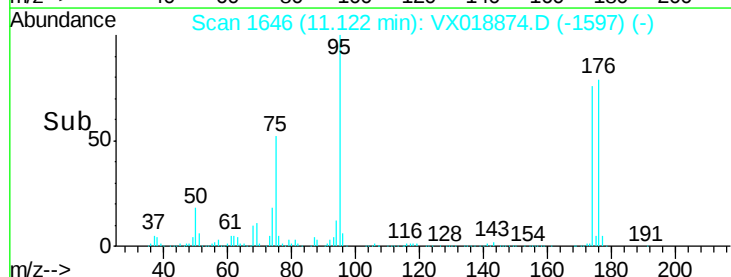
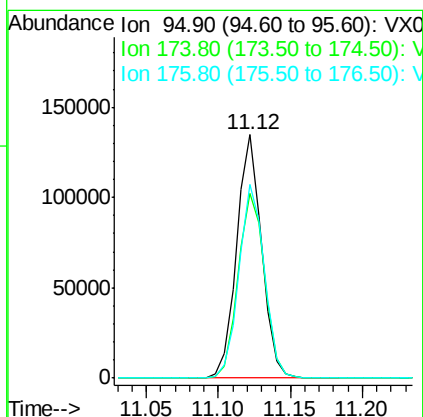
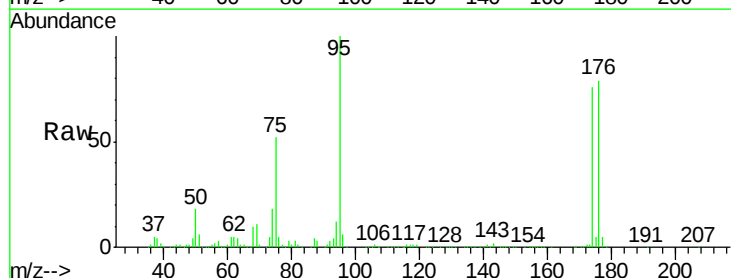
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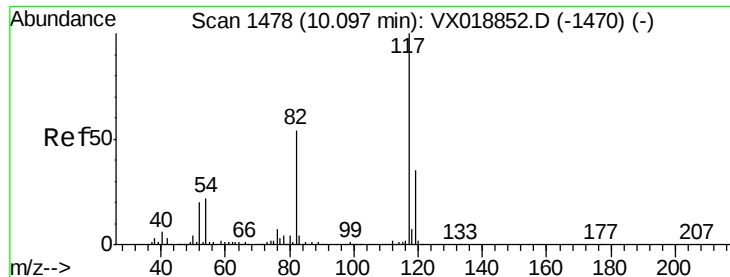
Tot Ion: 98 Resp: 418478
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.118 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018874.D
Acq: 09 Oct 2020 23:48

Tgt Ion: 95 Resp: 163084
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.0
176 81.1 0.0 161.2

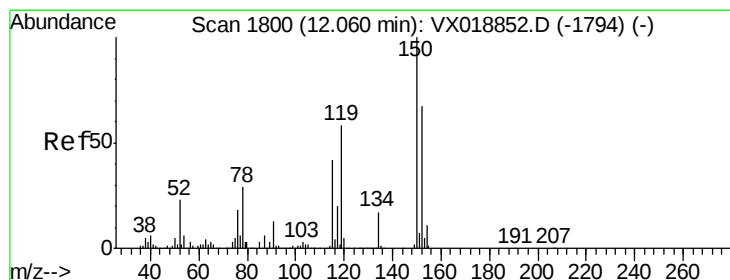
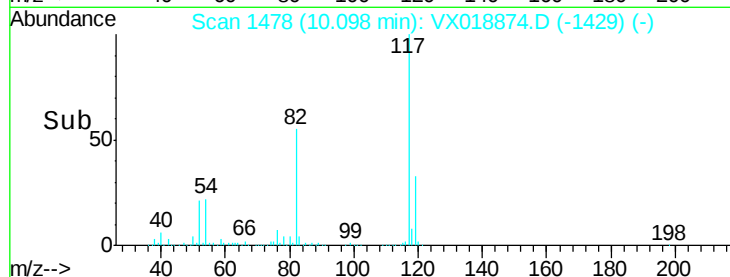
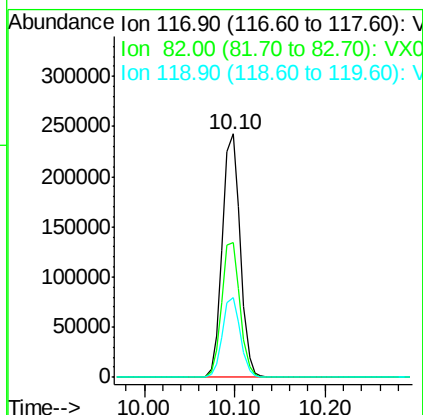
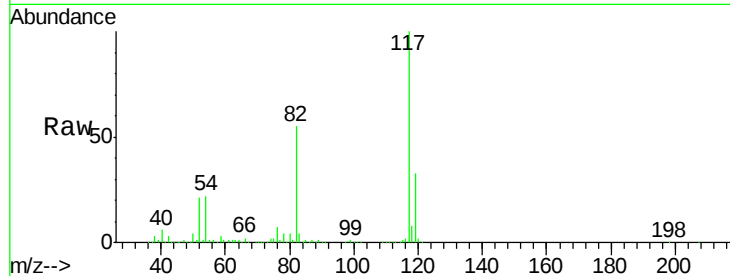




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018874.D
Acq: 09 Oct 2020 23:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.4	65.2
119	32.7	28.3	42.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018874.D
Acq: 09 Oct 2020 23:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	41.8	125.4
150	156.6	0.0	347.6

