

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042020\
 Data File : VX015759.D
 Acq On : 20 Apr 2020 12:36
 Operator : JC/SP
 Sample : VX0420WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBL01

Quant Time: Apr 20 15:11:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

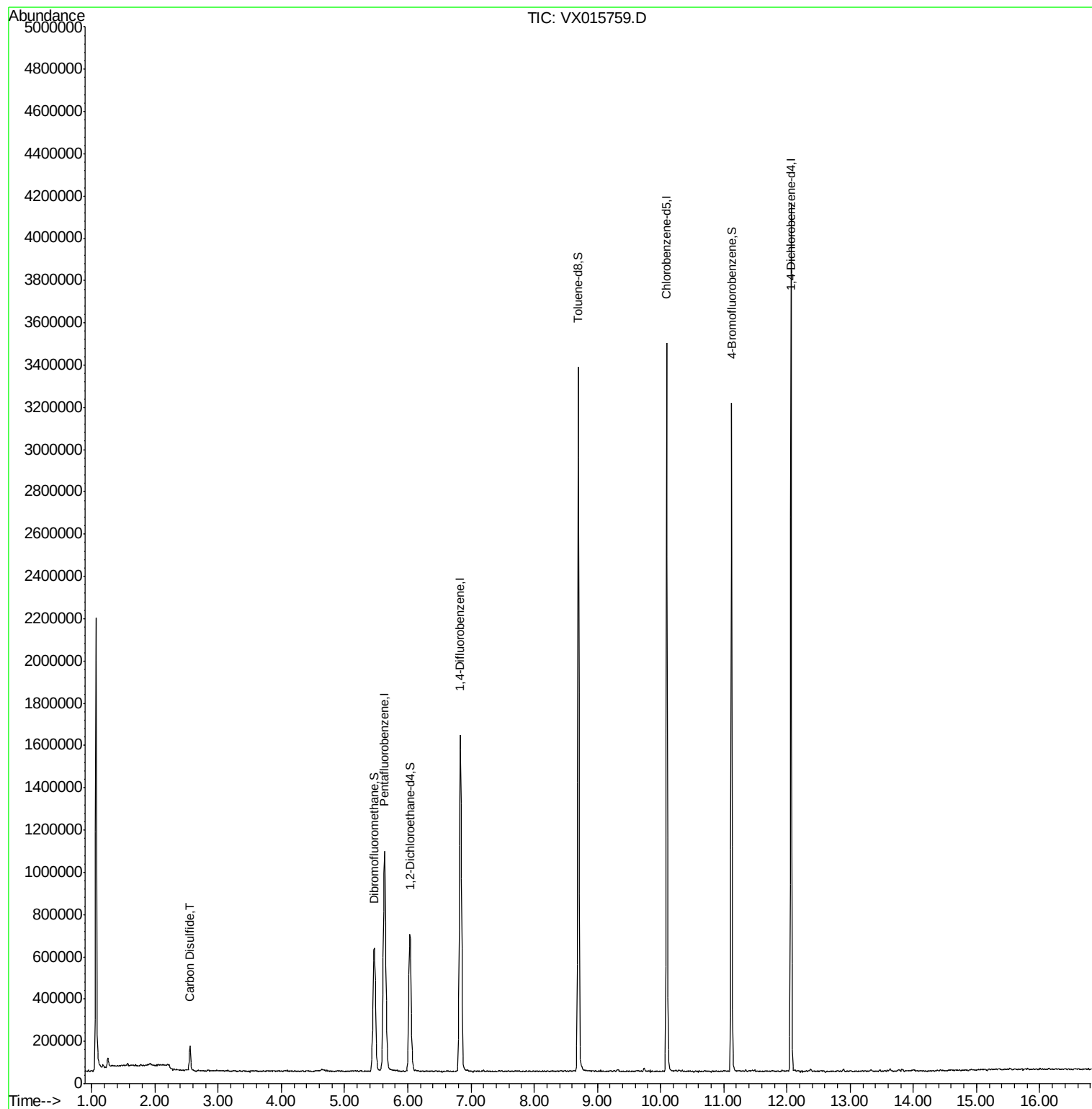
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1076801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1642204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1549434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	837340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	624314	41.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.22%	
35) Dibromofluoromethane	5.47	113	500019	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	8.70	98	1929881	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.12	95	812802	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
Target Compounds						
17) Carbon Disulfide	2.55	76	143571	4.629	ug/l	98

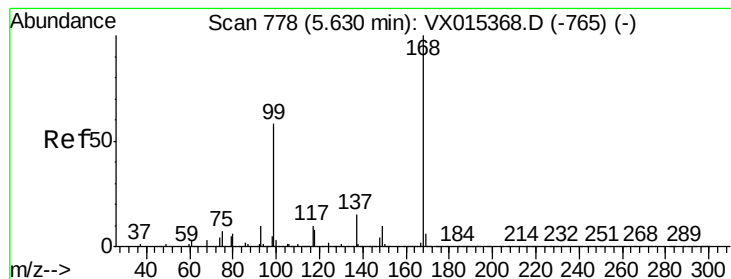
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

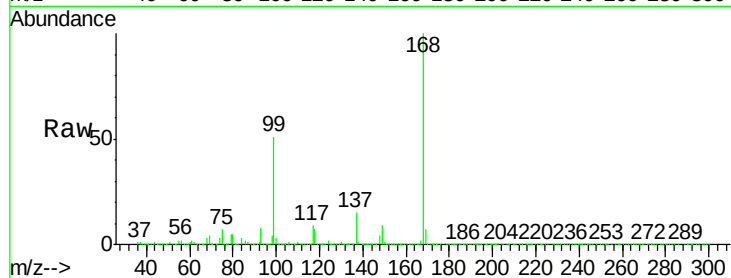
VX0420WBL01

Tot Ion:168 Resp: 1076801

Ion Ratio Lower Upper

168 100

99 50.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

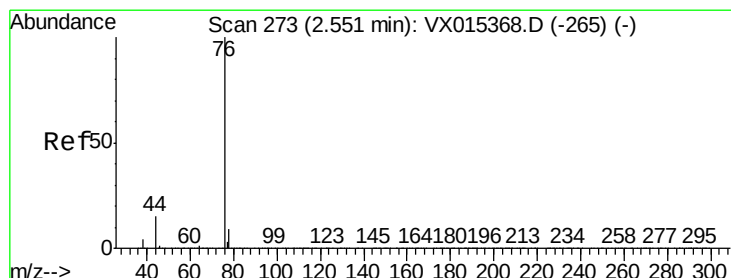
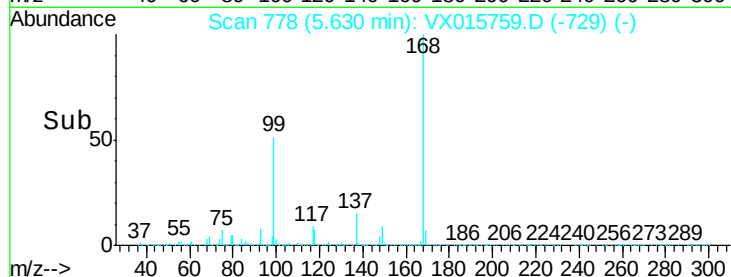
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#17

Carbon Disulfide

Concen: 4.629 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015759.D

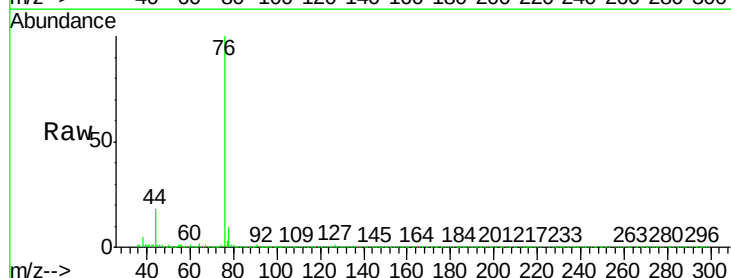
Acq: 20 Apr 2020 12:36

Tgt Ion: 76 Resp: 143571

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

100000

80000

60000

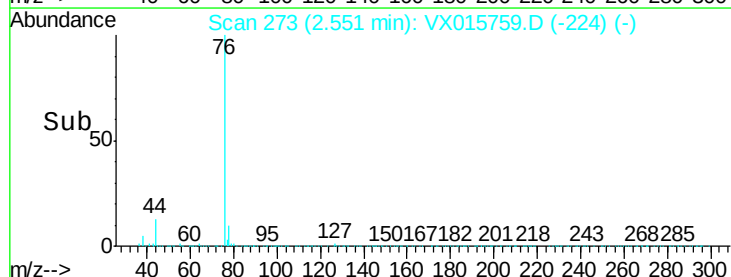
40000

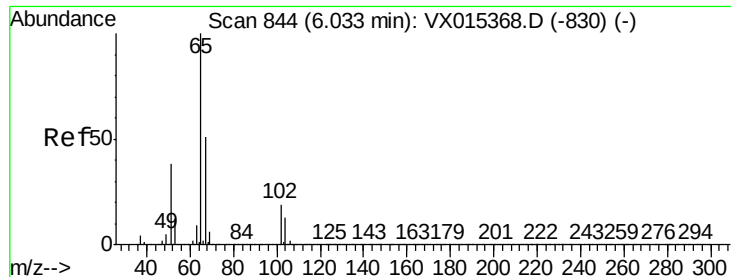
20000

0

Time-->

2.45 2.50 2.55 2.60 2.65





#33

1,2-Dichloroethane-d4

Concen: 41.108 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015759.D

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Instrument :

MSVOA_X

ClientSampleId :

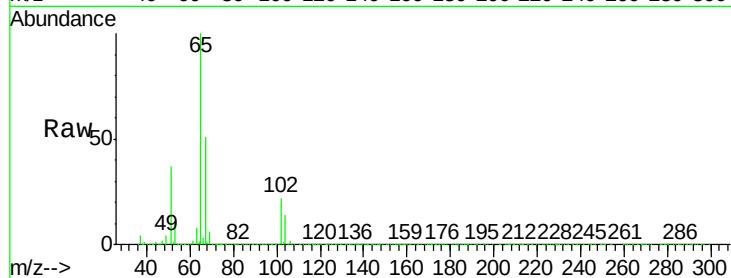
VX0420WBL01

Tot Ion: 65 Resp: 624314

Ion Ratio Lower Upper

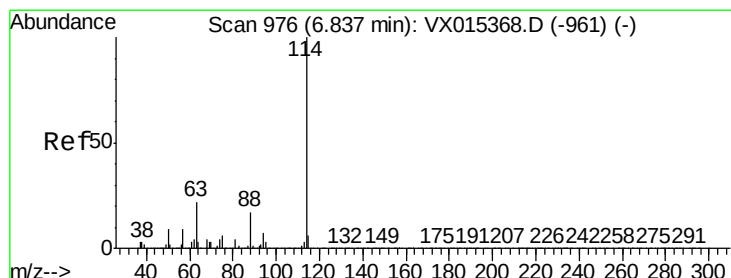
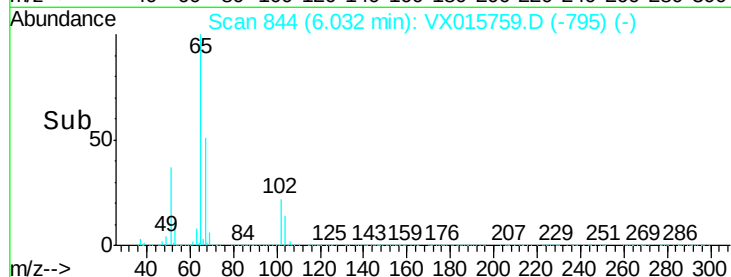
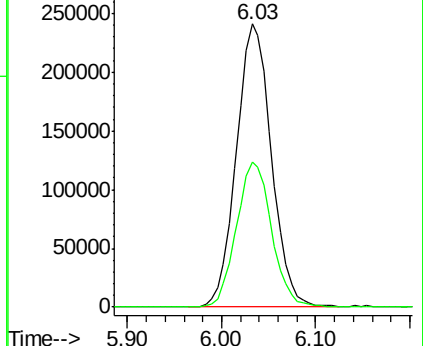
65 100

67 51.5 0.0 102.6



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: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015759.D

Acq: 20 Apr 2020 12:36

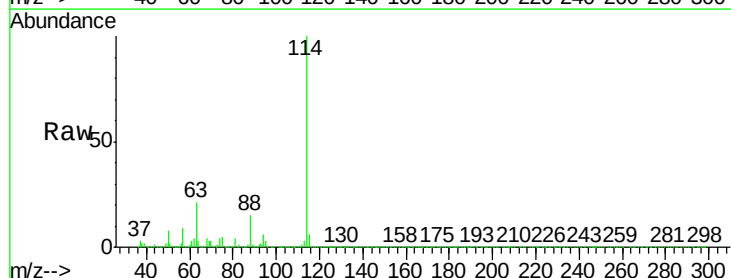
Tgt Ion: 114 Resp: 1642204

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.2

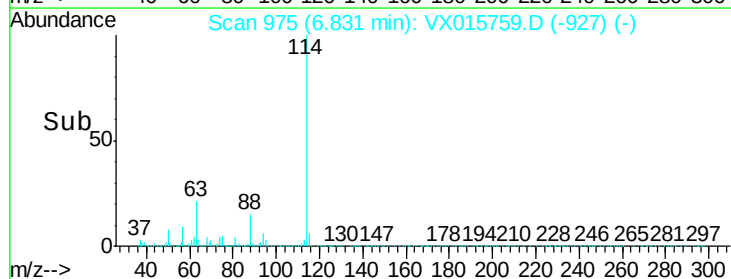
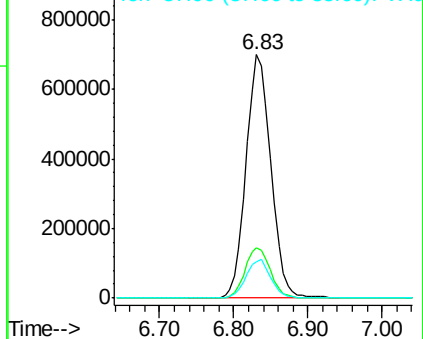
88 15.0 0.0 33.8

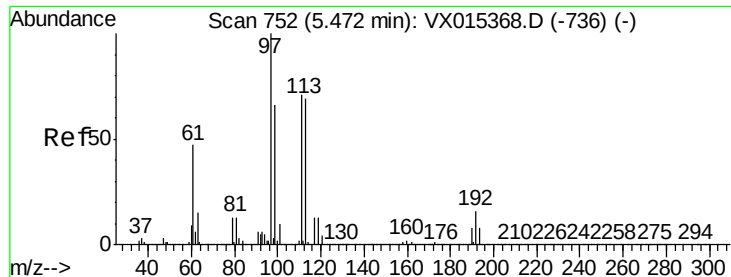


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

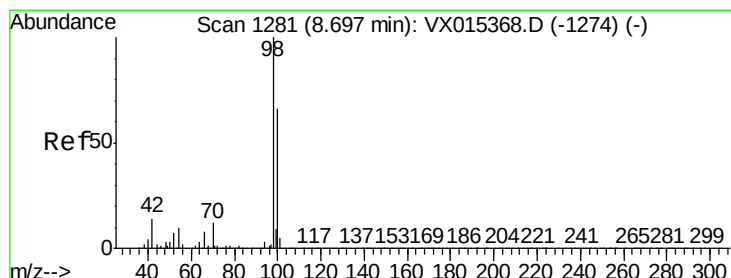
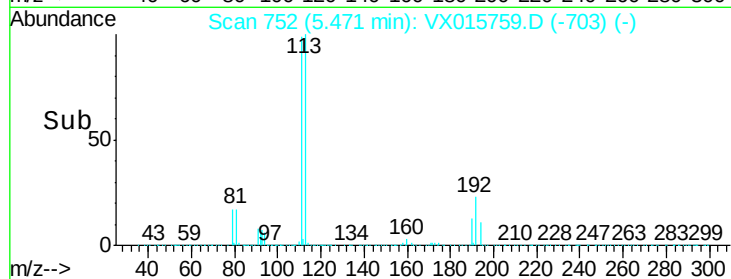
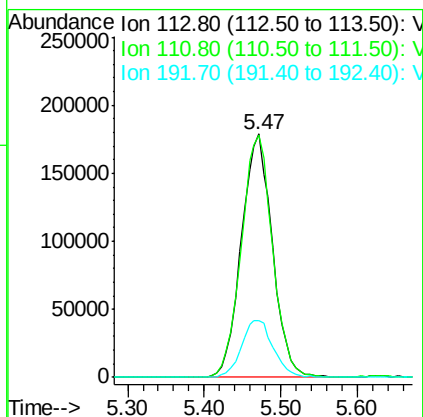
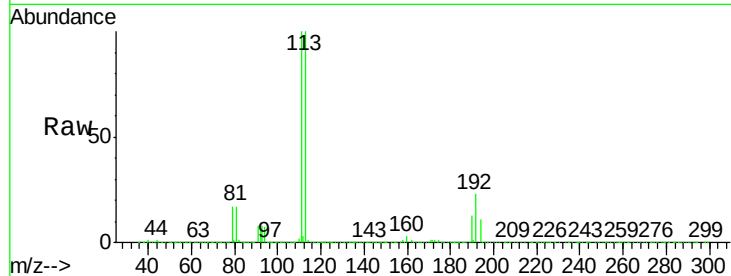




#35
 Dibromofluoromethane
 Concen: 47.633 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015759.D
 Acq: 20 Apr 2020 12:36

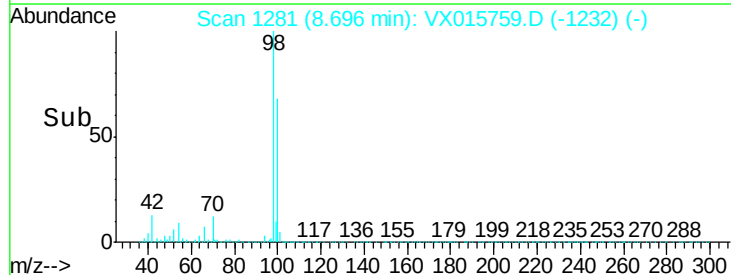
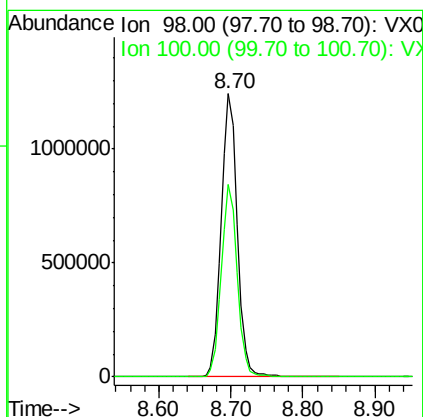
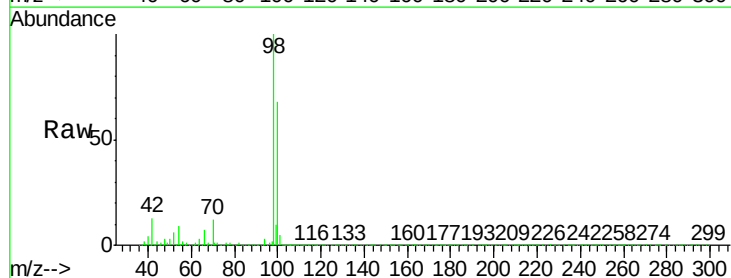
Instrument :
 MSVOA_X
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 VX0420WBL01

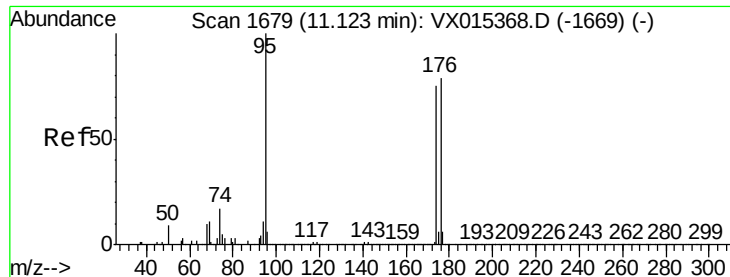
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.5	122.3
192	24.4	17.8	26.6



#50
 Toluene-d8
 Concen: 49.934 ug/l
 RT: 8.70 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VX015759.D
 Acq: 20 Apr 2020 12:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.5	80.3

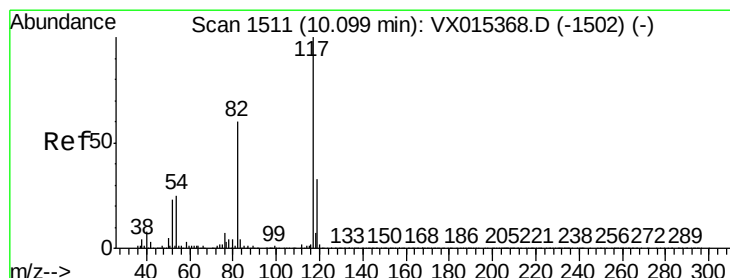
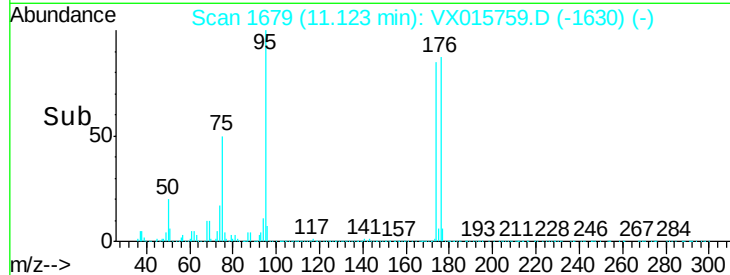
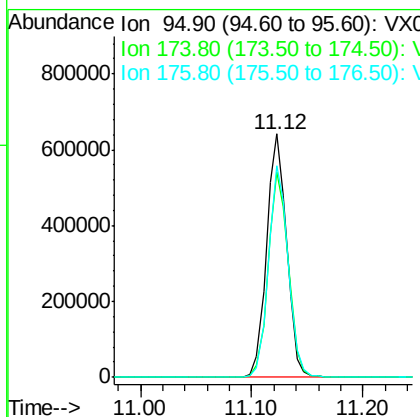
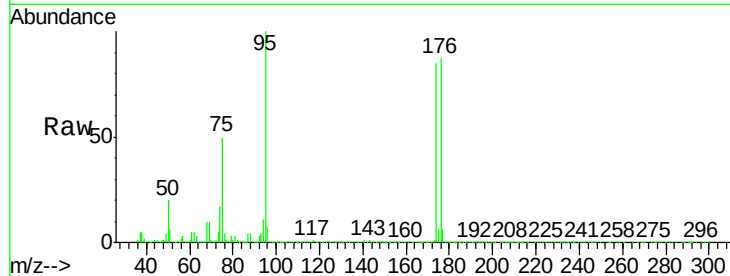




#62
4-Bromofluorobenzene
Concen: 51.748 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015759.D
Acq: 20 Apr 2020 12:36

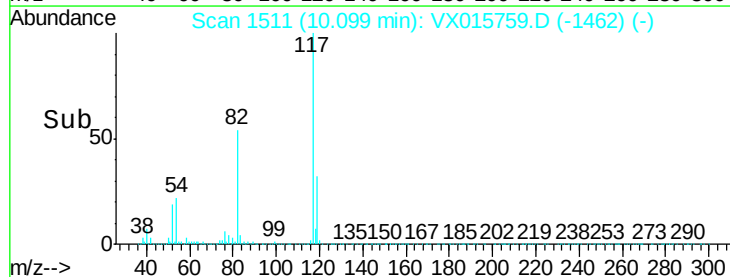
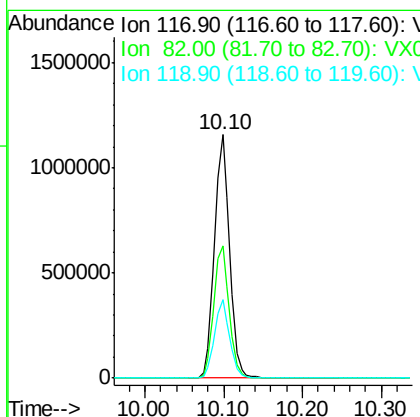
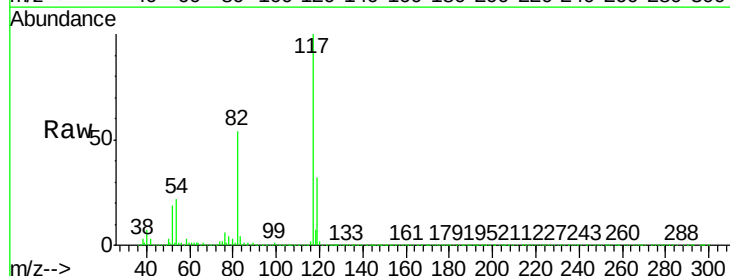
Instrument :
MSVOA_X
ClientSampleId :
VX0420WBL01

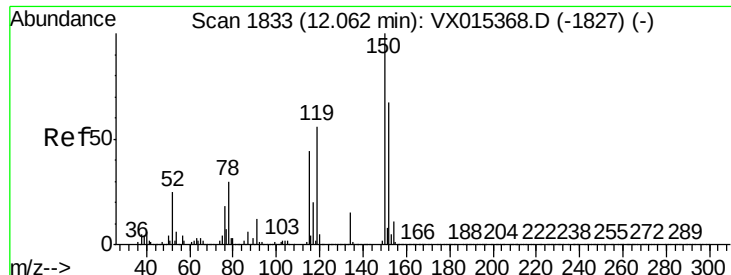
Tot Ion: 95 Resp: 812802
Ion Ratio Lower Upper
95 100
174 84.3 0.0 158.6
176 85.1 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015759.D
Acq: 20 Apr 2020 12:36

Tgt Ion: 117 Resp: 1549434
Ion Ratio Lower Upper
117 100
82 54.3 47.8 71.8
119 32.5 26.8 40.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015759.D
 Acq: 20 Apr 2020 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBL01

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	39.0	116.9
150	157.6	0.0	340.8

