

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015716.D
 Acq On : 16 Apr 2020 16:46
 Operator : JC/SP
 Sample : L2276-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-DUP-20200409

Quant Time: Apr 17 08:26:50 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

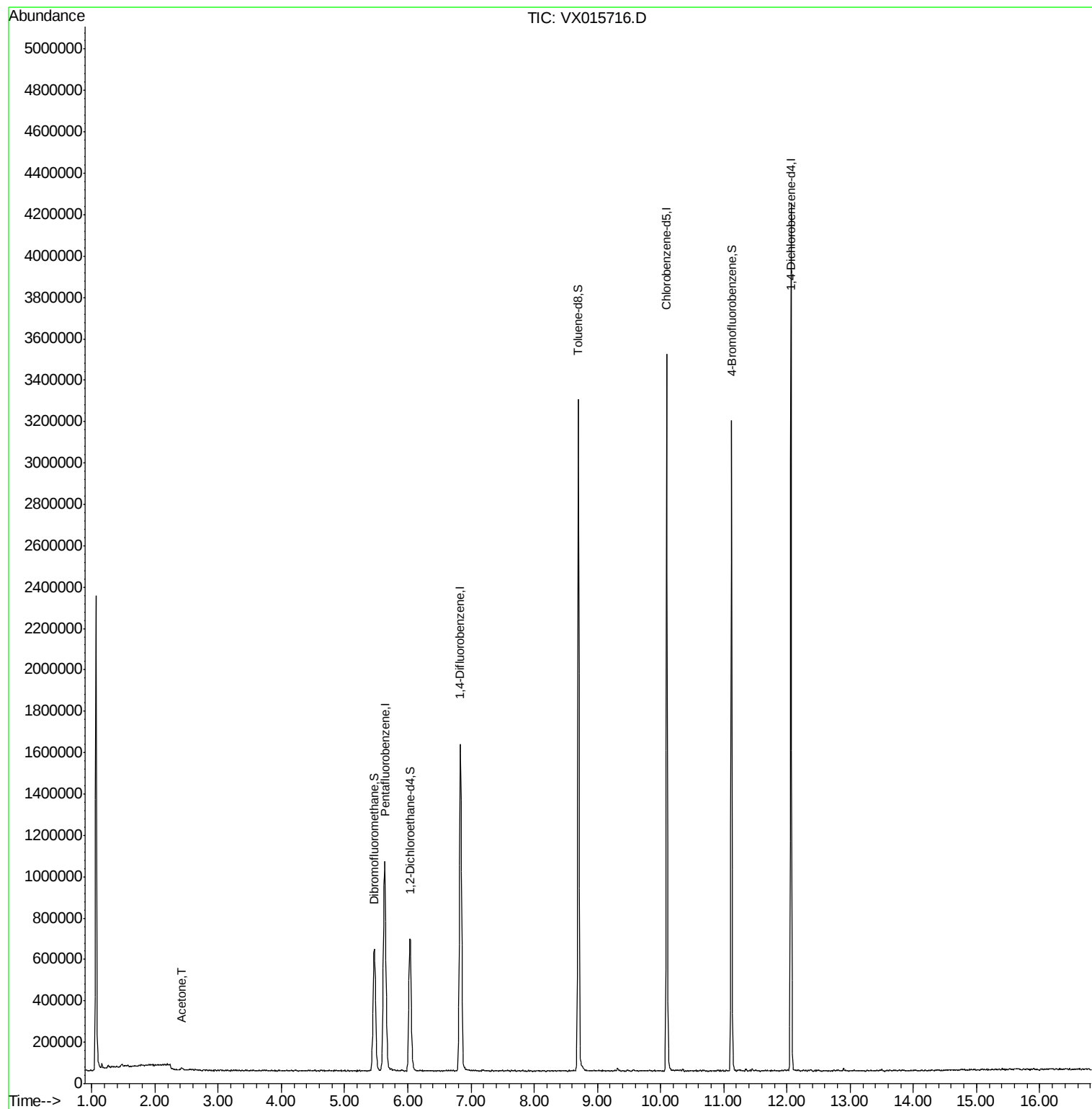
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1034279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1610946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1540102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	863655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	636568	43.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.28%	
35) Dibromofluoromethane	5.47	113	492843	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	8.70	98	1916157	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.12	95	812209	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
Target Compounds						
16) Acetone	2.42	43	12240	1.953	ug/l	Qvalue 98

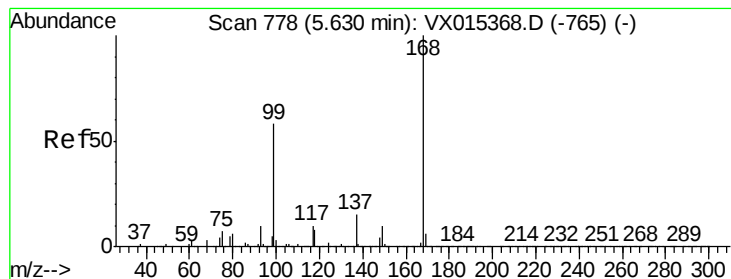
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

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Acq: 16 Apr 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

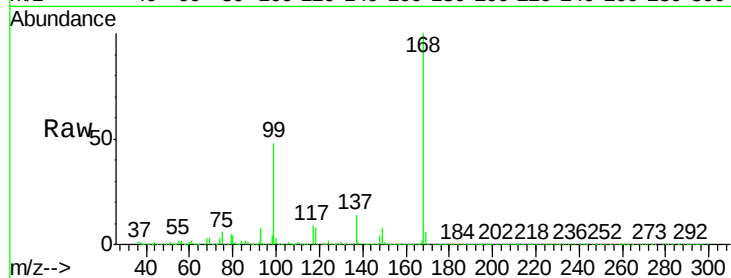
BP-VPB180-DUP-20200409

Tot Ion:168 Resp: 1034279

Ion Ratio Lower Upper

168 100

99 48.1 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

200000

100000

0

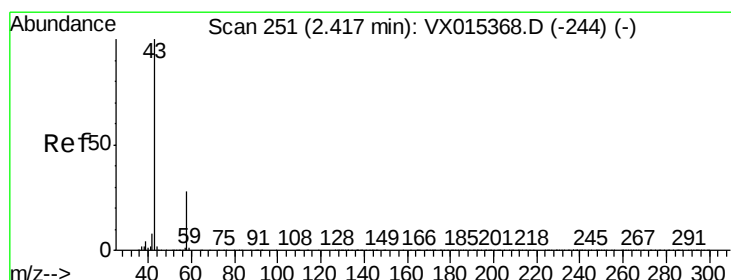
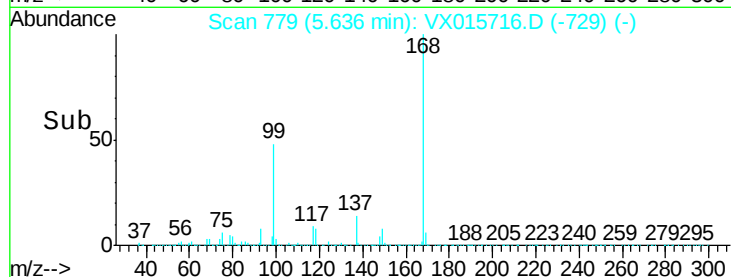
5.50

5.60

5.70

5.80

Time-->



#16

Acetone

Concen: 1.953 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015716.D

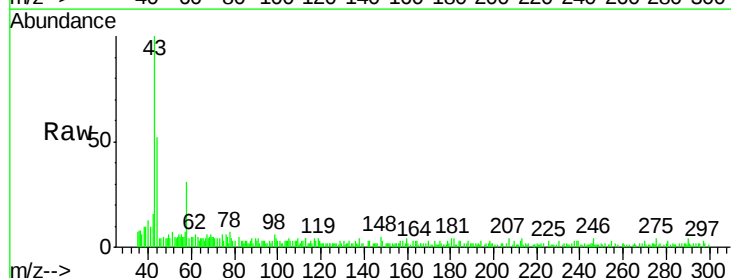
Acq: 16 Apr 2020 16:46

Tgt Ion: 43 Resp: 12240

Ion Ratio Lower Upper

43 100

58 28.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

8000

6000

4000

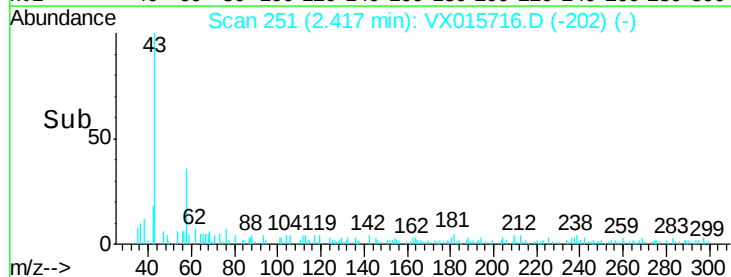
2000

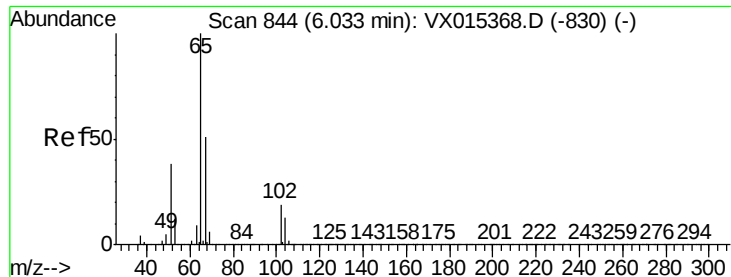
0

2.40

2.45

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.638 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015716.D

Acq: 16 Apr 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

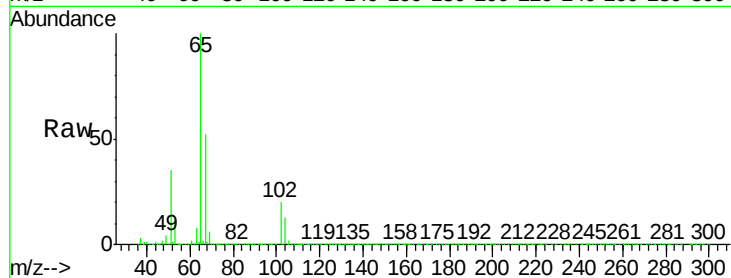
BP-VPB180-DUP-20200409

Tot Ion: 65 Resp: 636568

Ion Ratio Lower Upper

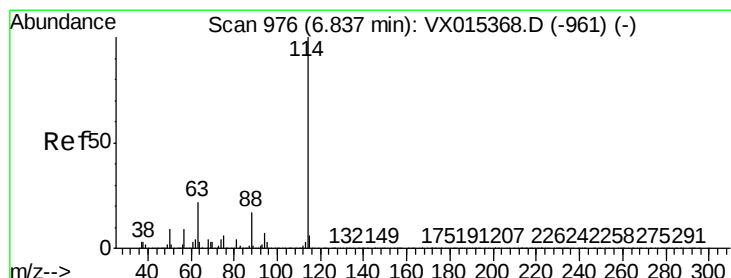
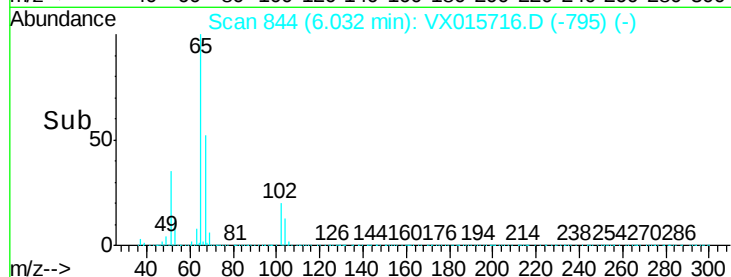
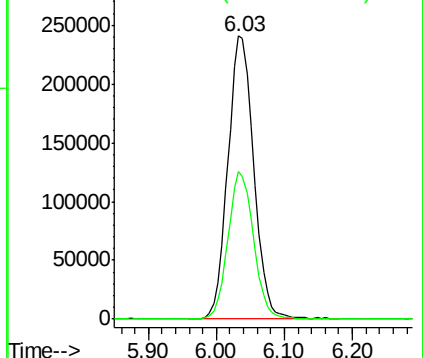
65 100

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: VX015716.D

Acq: 16 Apr 2020 16:46

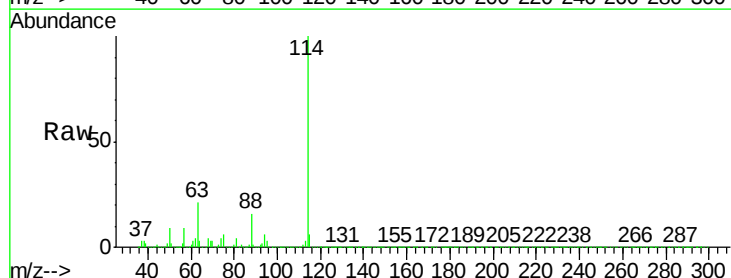
Tgt Ion: 114 Resp: 1610946

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.2

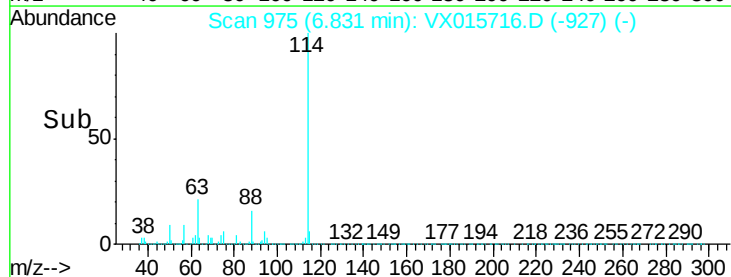
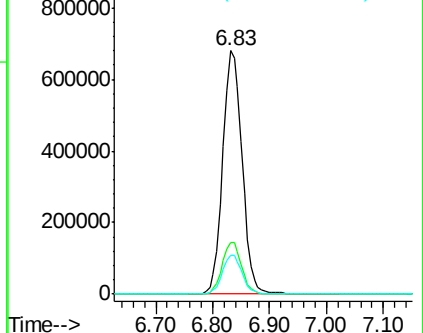
88 15.8 0.0 33.8

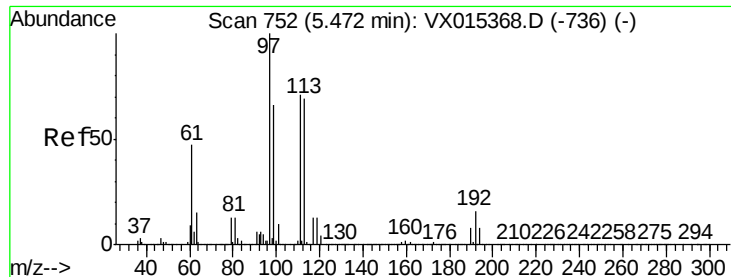


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

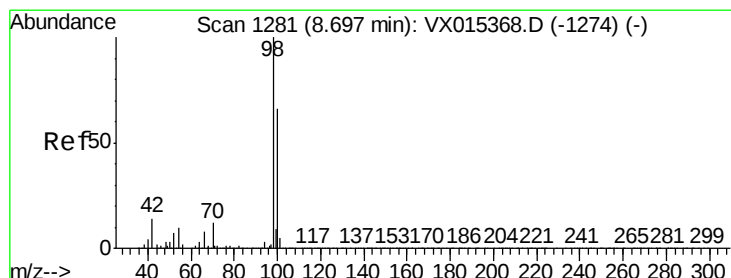
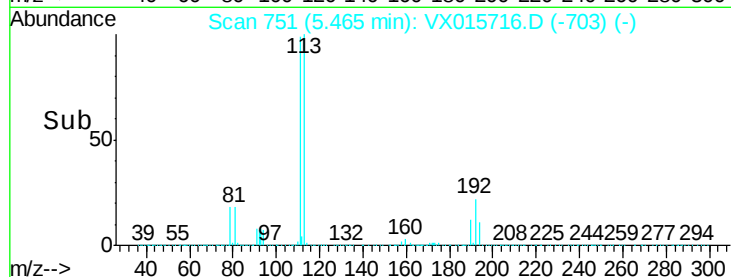
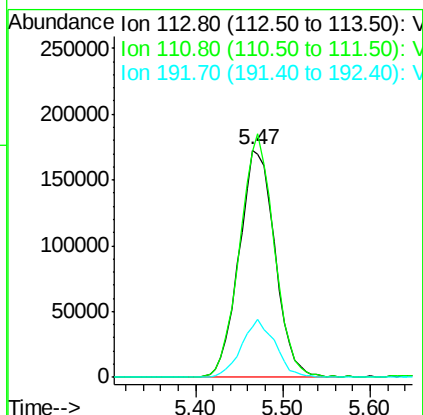
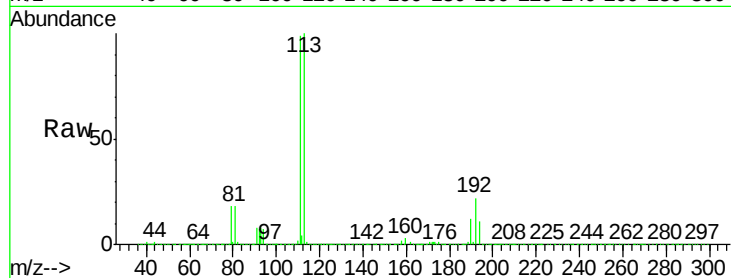




#35
 Dibromofluoromethane
 Concen: 47.860 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015716.D
 Acq: 16 Apr 2020 16:46

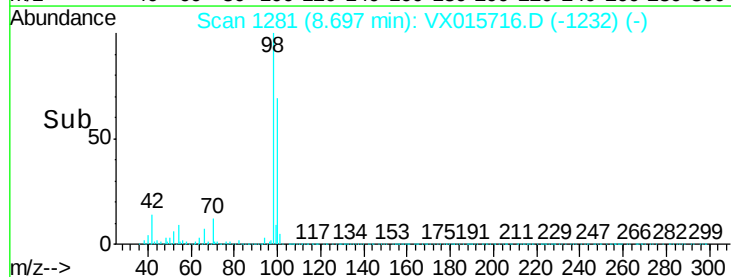
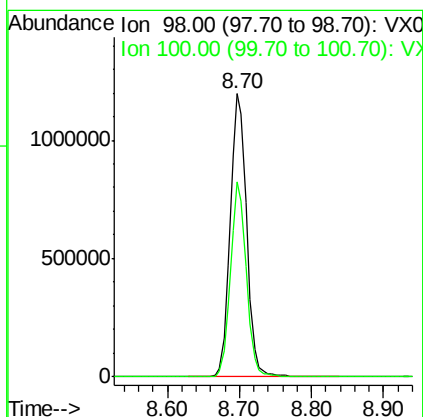
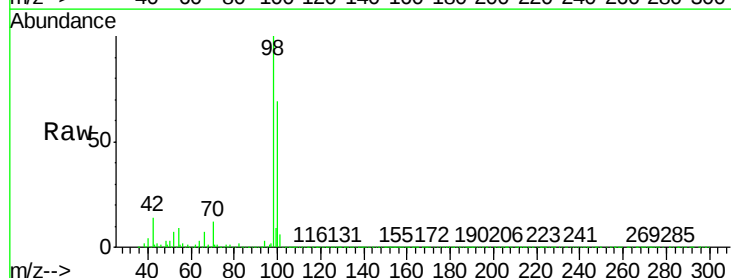
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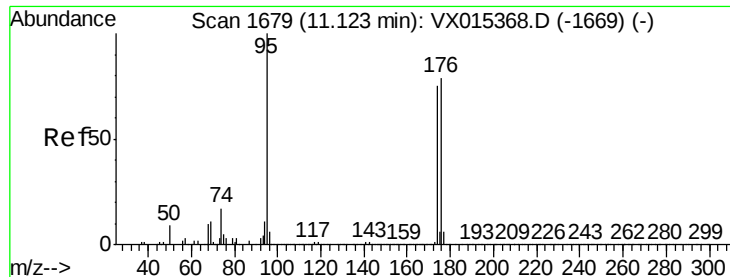
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	23.9	17.8	26.6



#50
 Toluene-d8
 Concen: 50.541 ug/l
 RT: 8.70 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VX015716.D
 Acq: 16 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.5	80.3

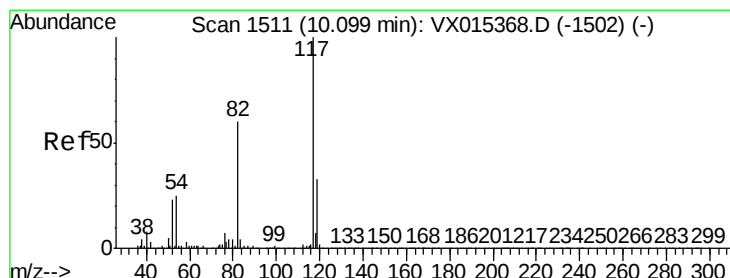
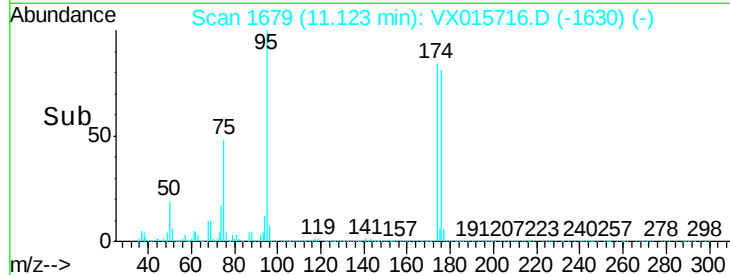
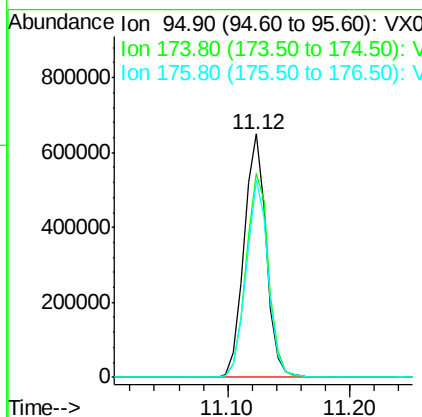
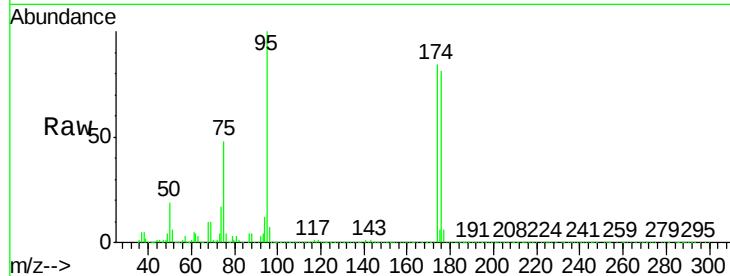




#62
4-Bromofluorobenzene
Concen: 52.714 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015716.D
Acq: 16 Apr 2020 16:46

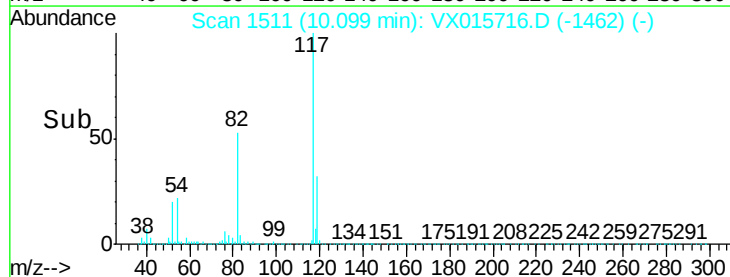
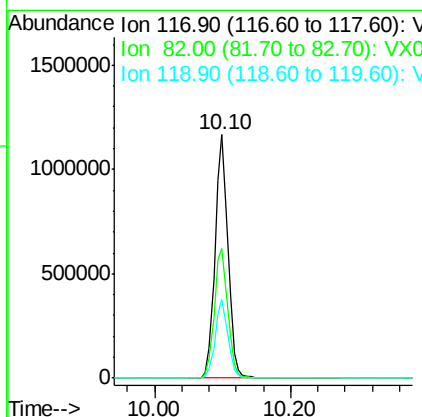
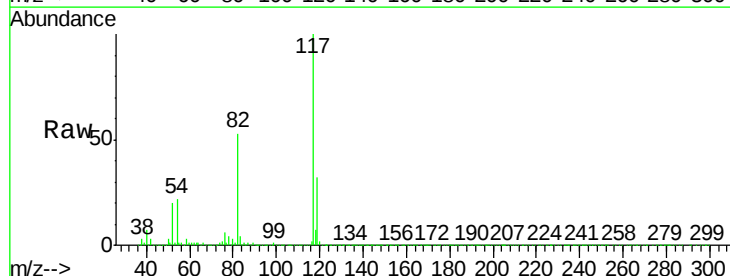
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB180-DUP-20200409

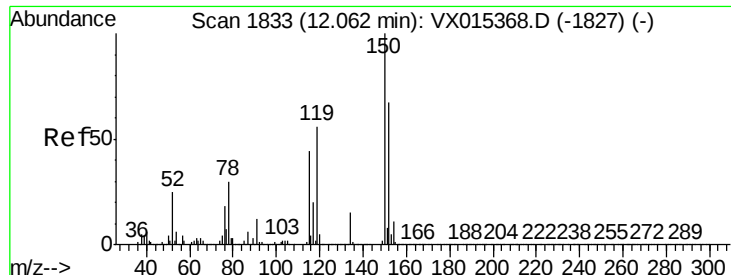
Tot Ion: 95 Resp: 812209
Ion Ratio Lower Upper
95 100
174 86.1 0.0 158.6
176 80.8 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015716.D
Acq: 16 Apr 2020 16:46

Tgt Ion: 117 Resp: 1540102
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.8
119 32.0 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: VX015716.D

Acq: 16 Apr 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB180-DUP-20200409

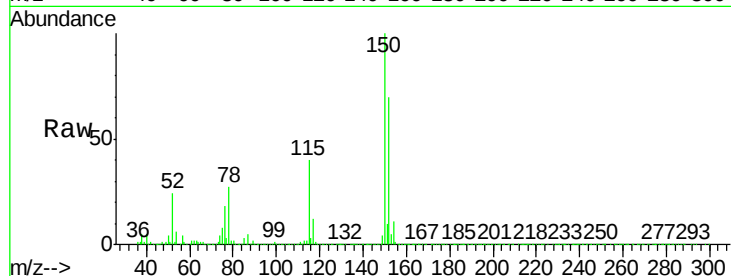
Tot Ion:152 Resp: 863655

Ion Ratio Lower Upper

152 100

115 56.5 39.0 116.9

150 149.3 0.0 340.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

