

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN071719\
 Data File : VN056790.D
 Acq On : 17 Jul 2019 12:38
 Operator : JC/SP
 Sample : K3847-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Jul 25 07:05:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

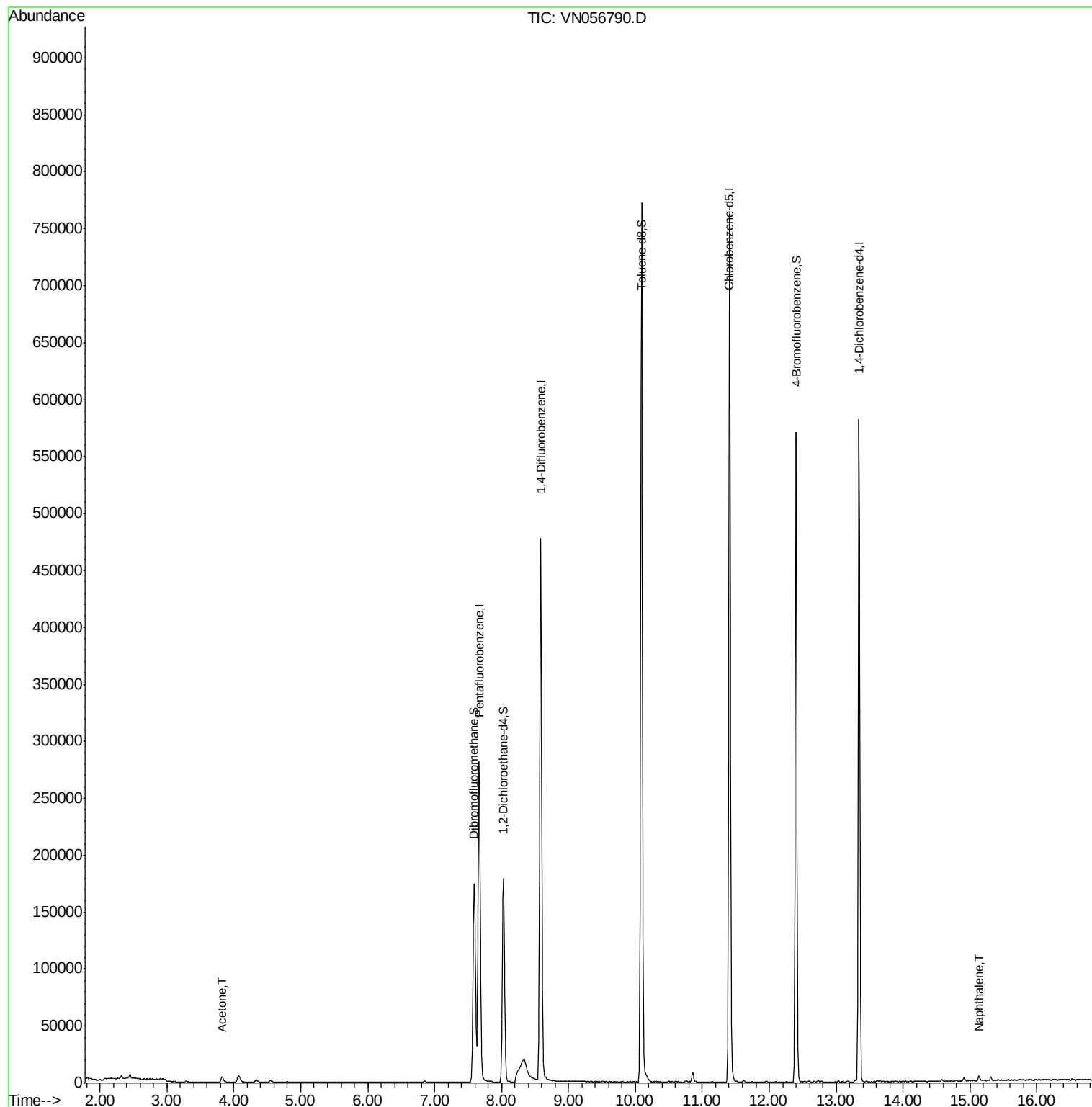
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	255235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	456611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	474636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	149588	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
35) Dibromofluoromethane	7.59	113	134843	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	10.09	98	569067	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.40	95	199854	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
Target Compounds						
16) Acetone	3.82	43	8631	6.634	ug/l	98
95) Naphthalene	15.13	128	4253	4.956	ug/l #	90

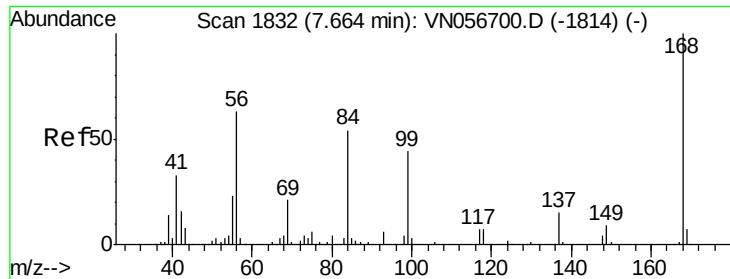
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056790.D

Acq: 17 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampled :

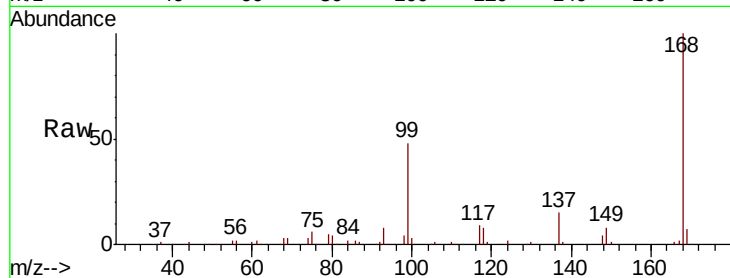
MW-5

Tot Ion:168 Resp: 255235

Ion Ratio Lower Upper

168 100

99 47.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

120000

100000

80000

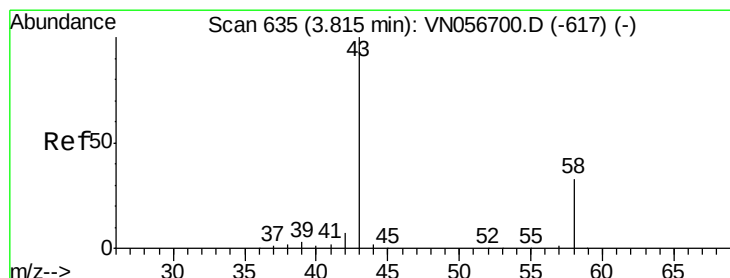
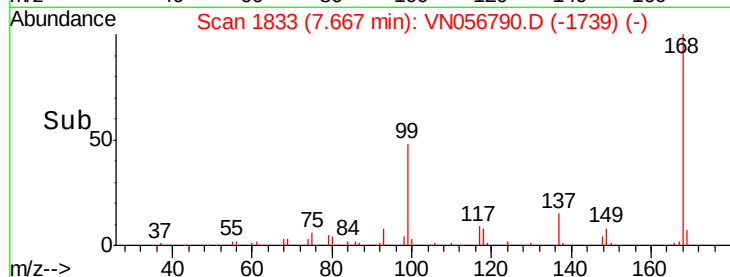
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.634 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056790.D

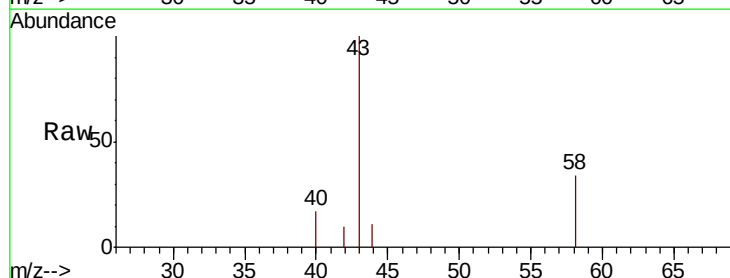
Acq: 17 Jul 2019 12:38

Tgt Ion: 43 Resp: 8631

Ion Ratio Lower Upper

43 100

58 34.4 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

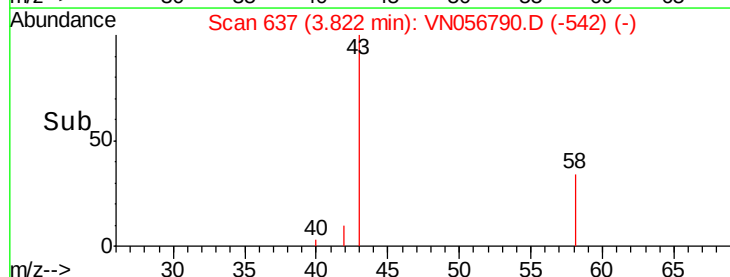
3000

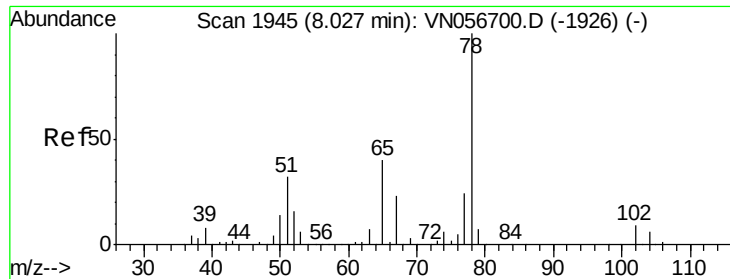
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.984 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056790.D

Acq: 17 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

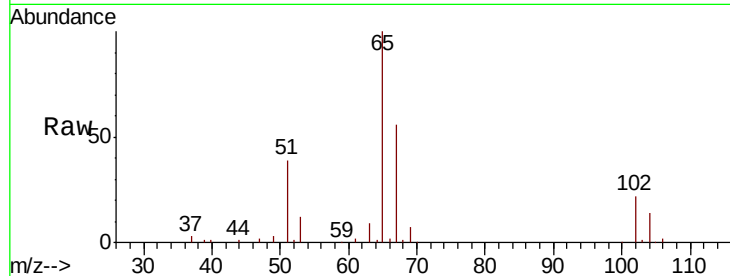
MW-5

Tot Ion: 65 Resp: 149588

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056790.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN056790.D (-1926) (-)

8.03

60000

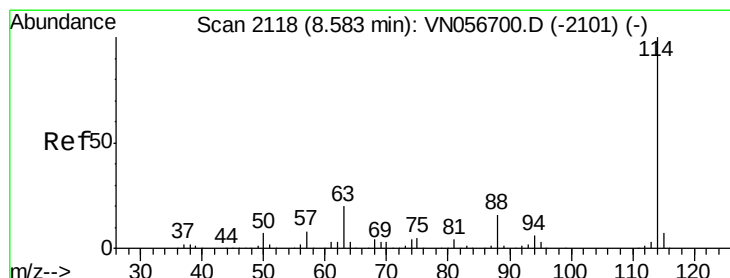
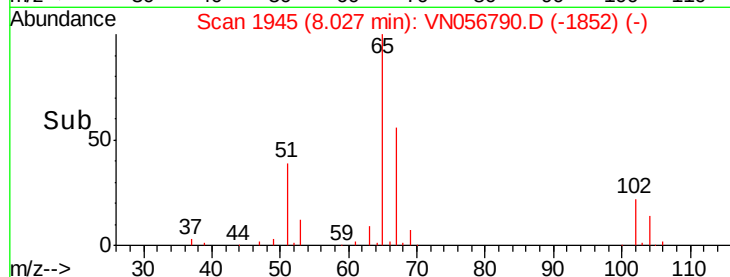
40000

20000

0

8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056790.D

Acq: 17 Jul 2019 12:38

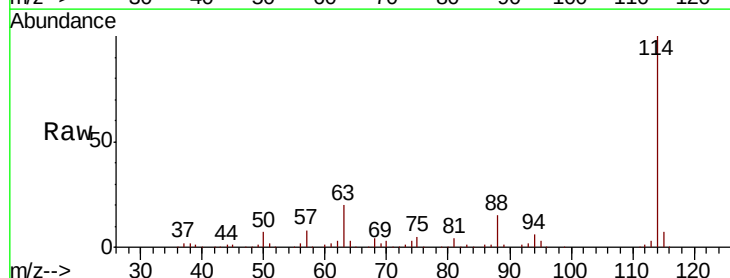
Tgt Ion: 114 Resp: 456611

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

88 14.9 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN056790.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN056790.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN056790.D (-2101) (-)

8.59

250000

200000

150000

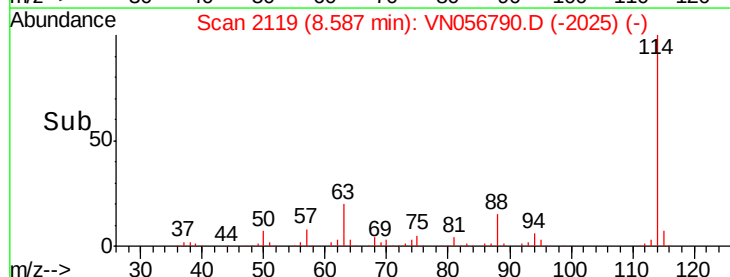
100000

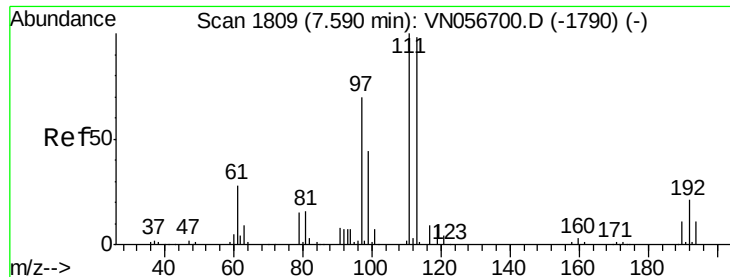
50000

0

8.50 8.60 8.70

Time-->

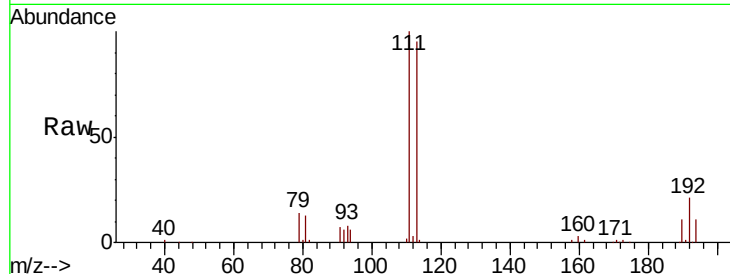




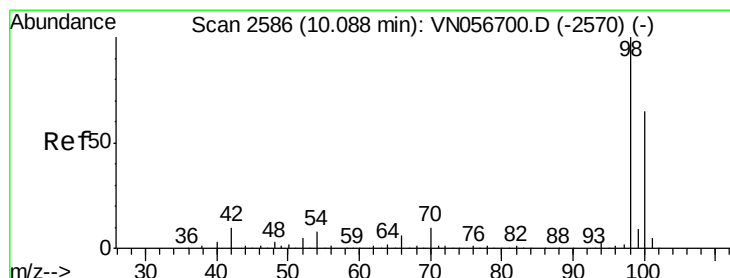
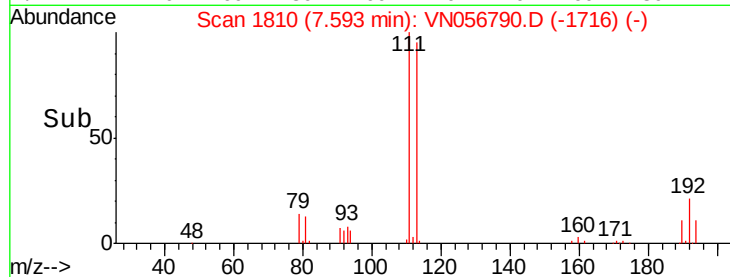
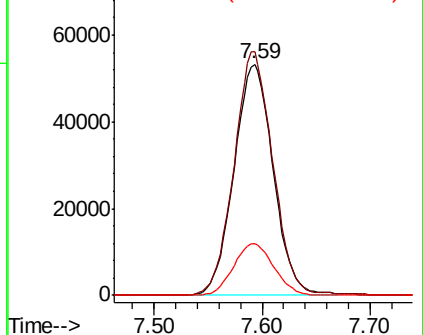
#35
 Dibromofluoromethane
 Concen: 47.453 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056790.D
 Acq: 17 Jul 2019 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Tot Ion:113 Resp: 134843
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.8 122.6
 192 22.9 17.5 26.3

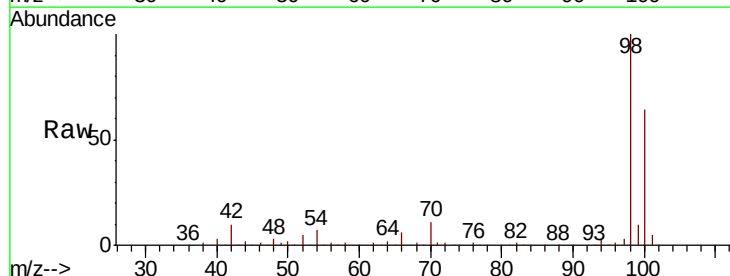


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

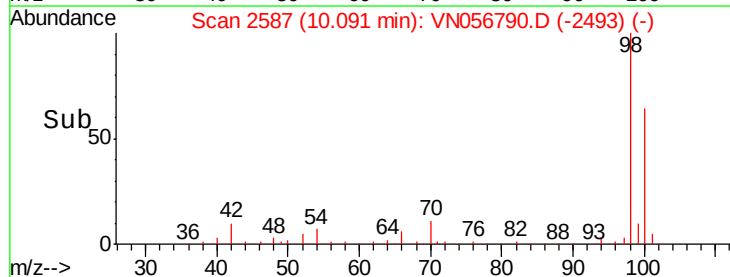
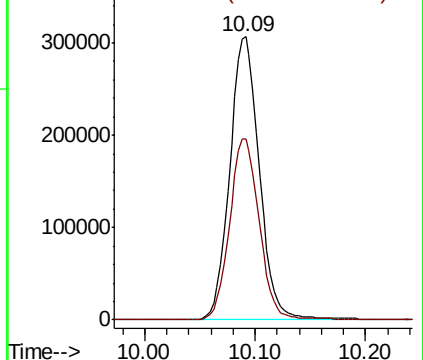


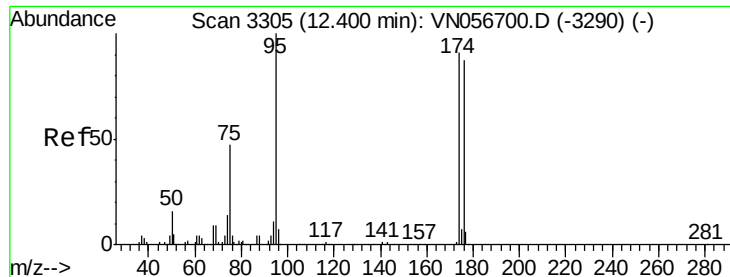
#50
 Toluene-d8
 Concen: 51.852 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056790.D
 Acq: 17 Jul 2019 12:38

Tgt Ion: 98 Resp: 569067
 Ion Ratio Lower Upper
 98 100
 100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN

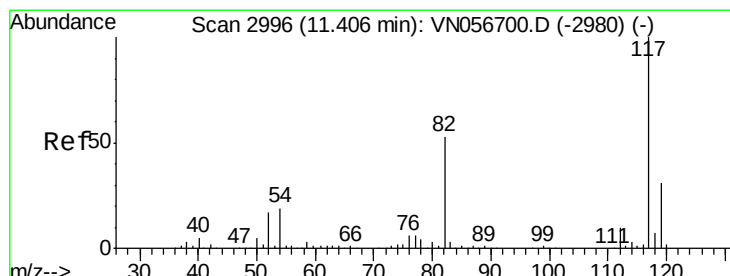
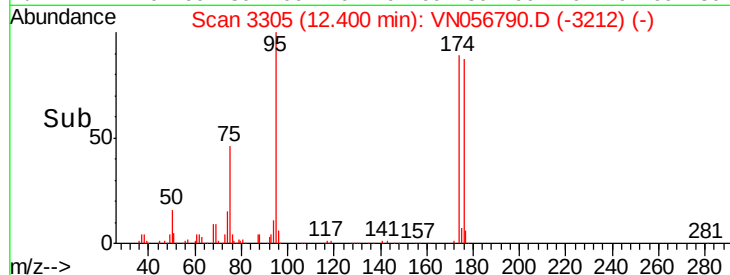
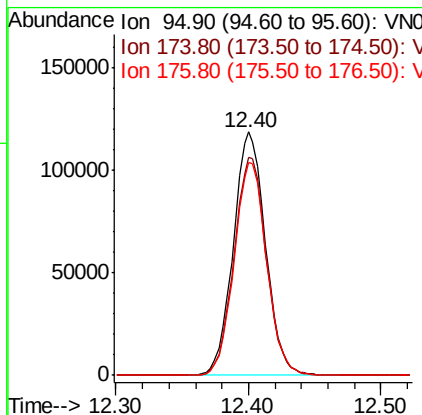
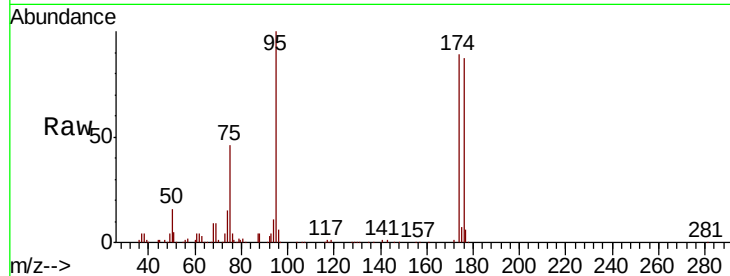




#62
4-Bromofluorobenzene
Concen: 53.999 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056790.D
Acq: 17 Jul 2019 12:38

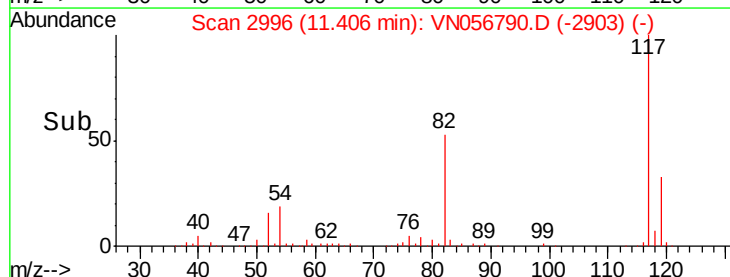
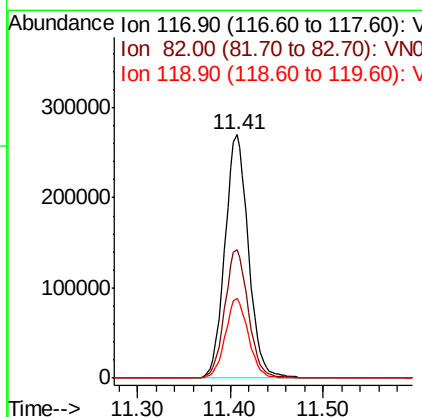
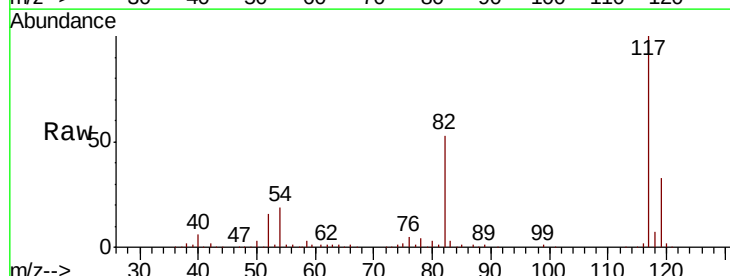
Instrument :
MSVOA_N
ClientSampled :
MW-5

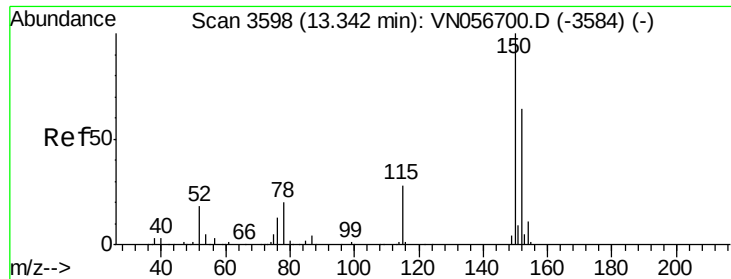
Tot Ion: 95 Resp: 199854
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.0
176 88.2 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056790.D
Acq: 17 Jul 2019 12:38

Tgt Ion: 117 Resp: 474636
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.2
119 32.7 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056790.D

Acq: 17 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampled :

MW-5

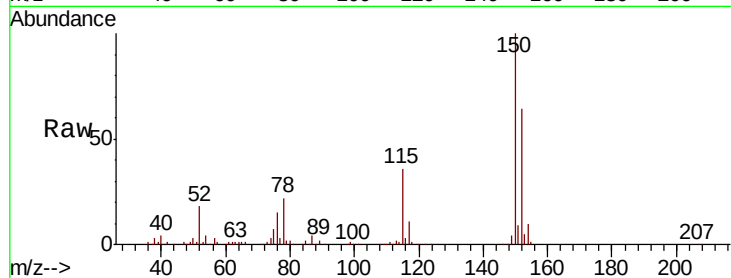
Tot Ion:152 Resp: 167723

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

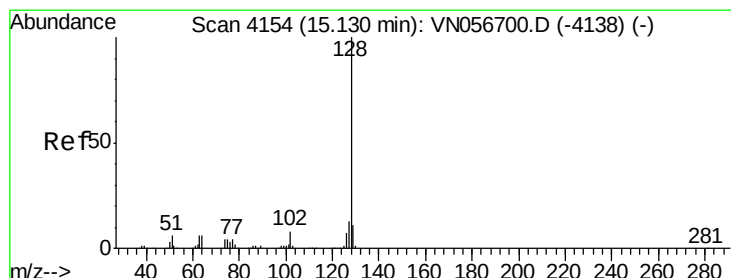
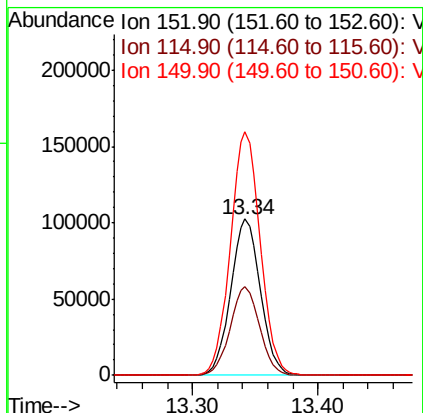
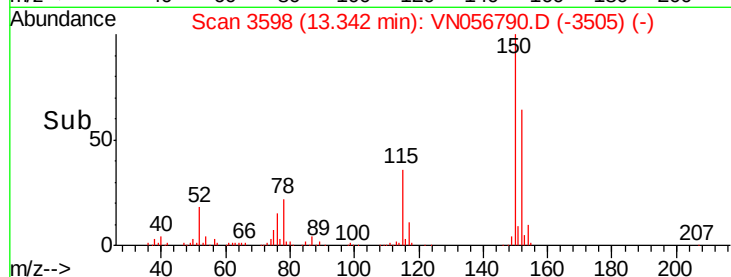
150 156.5 0.0 345.8



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



#95

Naphthalene

Concen: 4.956 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056790.D

Acq: 17 Jul 2019 12:38

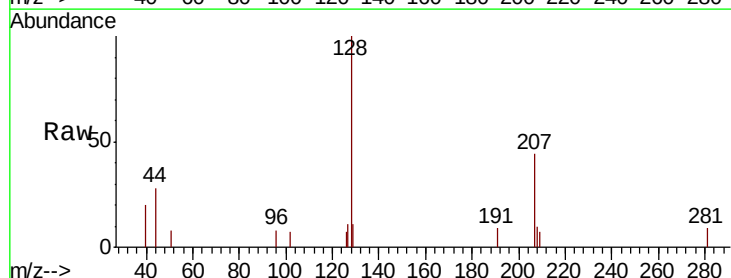
Tgt Ion:128 Resp: 4253

Ion Ratio Lower Upper

128 100

127 7.2 10.3 15.5#

129 8.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

