

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032520\
 Data File : VN060698.D
 Acq On : 25 Mar 2020 15:36
 Operator : JC/MD
 Sample : L2008-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-4

Quant Time: Mar 26 05:08:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

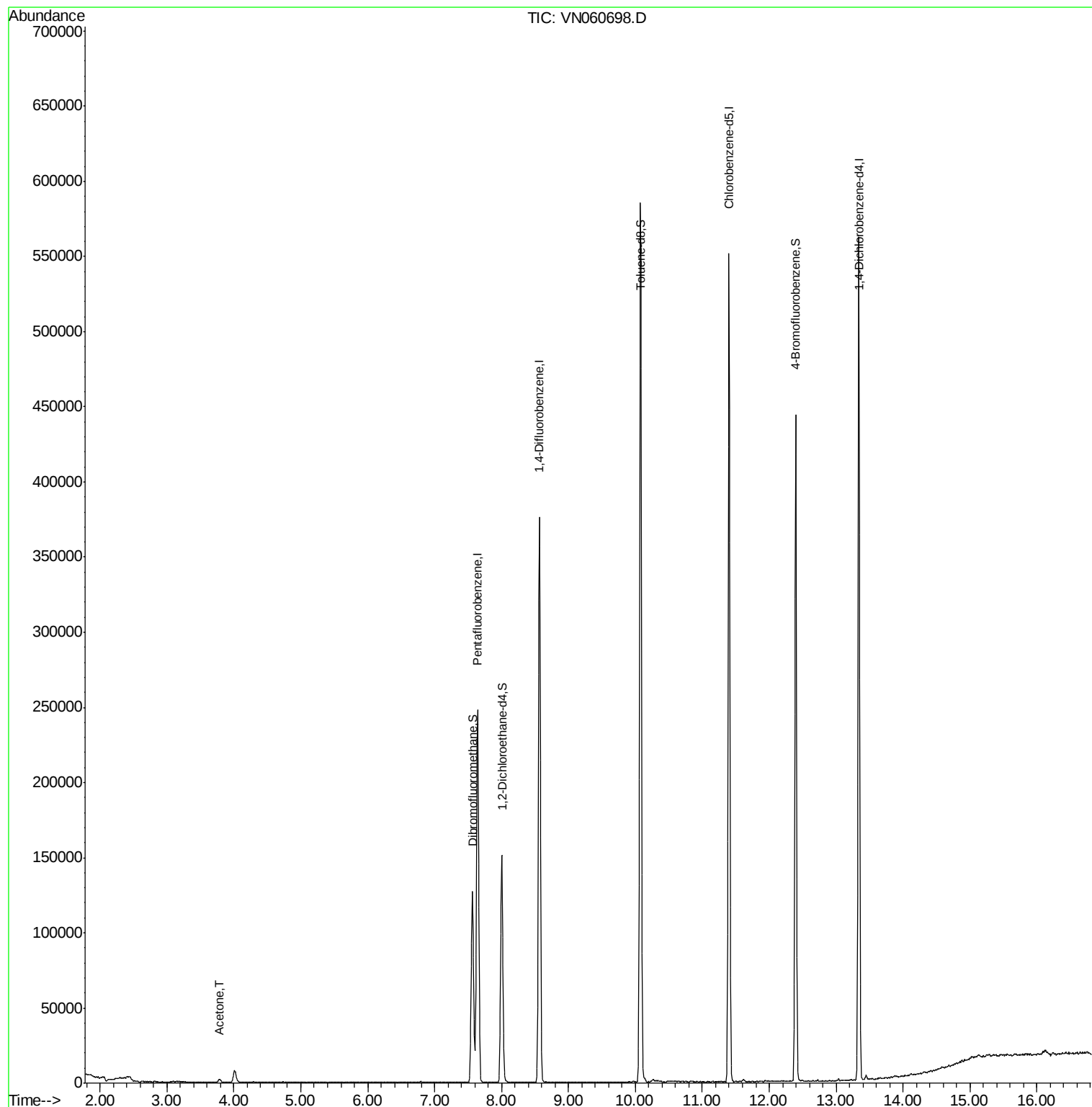
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	332909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	313295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130510	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
35) Dibromofluoromethane	7.56	113	99419	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.08	98	410524	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.40	95	155316	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
Target Compounds						
16) Acetone	3.78	43	3560	3.644	ug/l	Qvalue 95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060698.D

Acq: 25 Mar 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

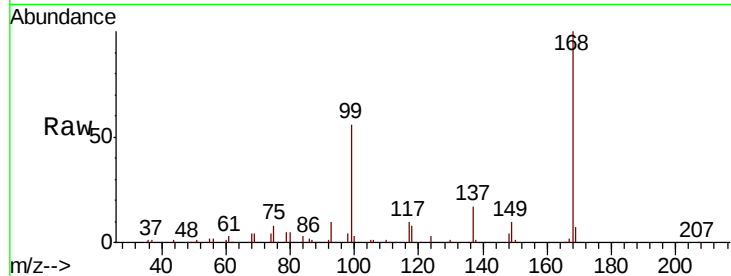
MH-4

Tot Ion:168 Resp: 200896

Ion Ratio Lower Upper

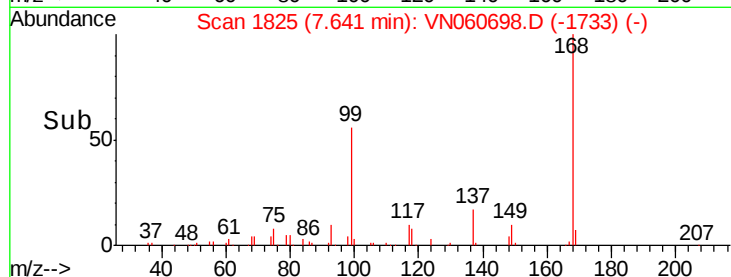
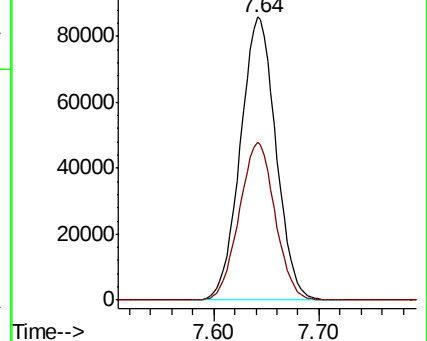
168 100

99 55.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 3.644 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060698.D

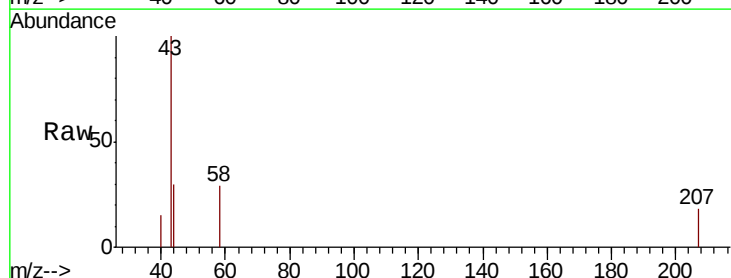
Acq: 25 Mar 2020 15:36

Tgt Ion: 43 Resp: 3560

Ion Ratio Lower Upper

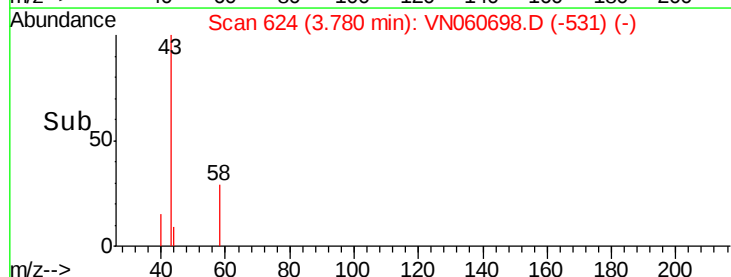
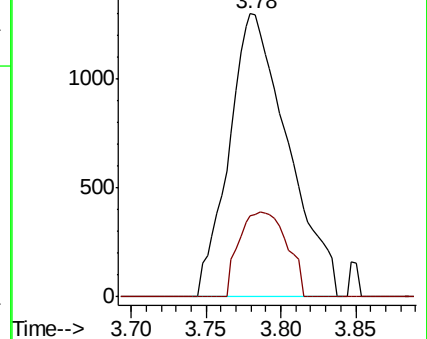
43 100

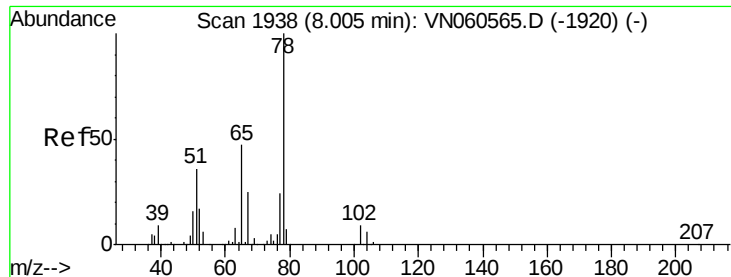
58 28.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#33

1,2-Dichloroethane-d4

Concen: 47.323 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060698.D

Acq: 25 Mar 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

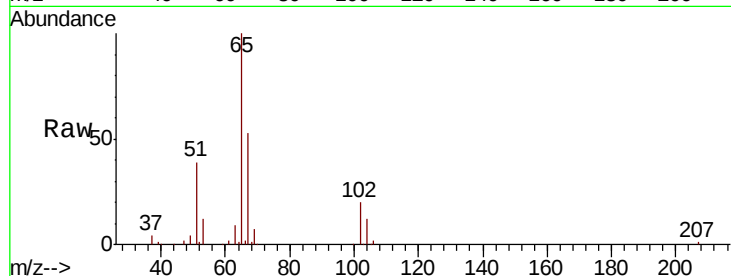
MH-4

Tot Ion: 65 Resp: 130510

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060698.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060698.D (-1845) (-)

8.00

60000

50000

40000

30000

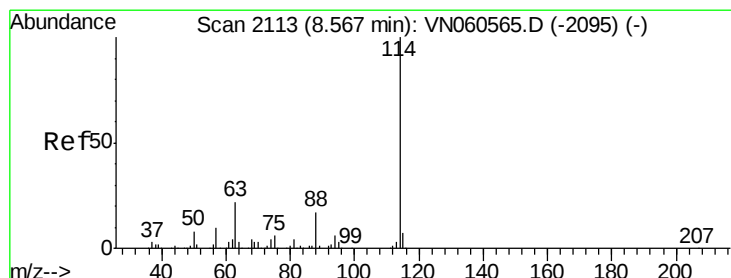
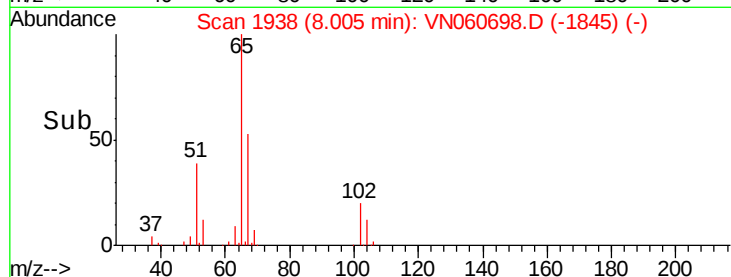
20000

10000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060698.D

Acq: 25 Mar 2020 15:36

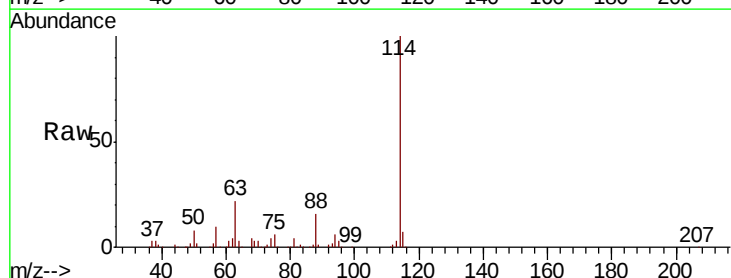
Tgt Ion: 114 Resp: 332909

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.8

88 16.5 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VN060698.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060698.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060698.D (-2020) (-)

8.57

200000

150000

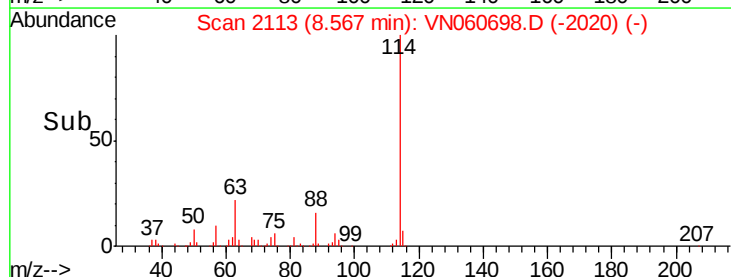
100000

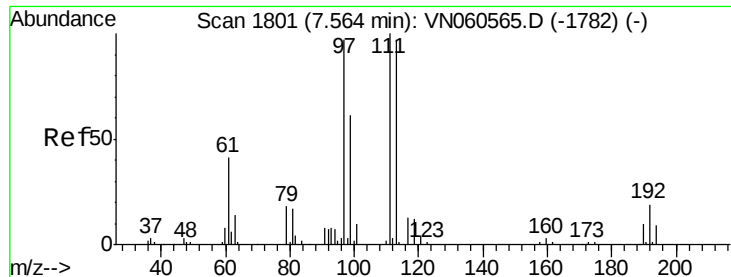
50000

0

Time-->

8.45 8.50 8.55 8.60 8.65

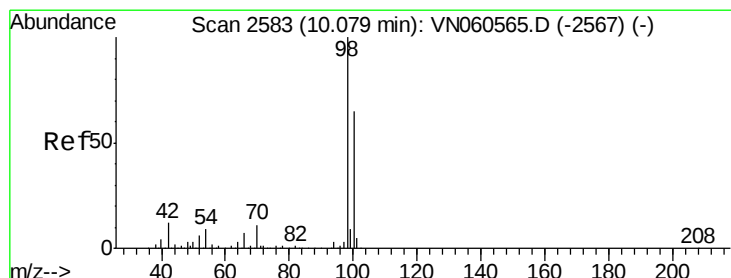
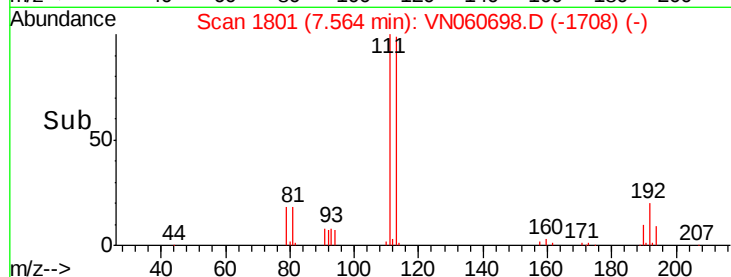
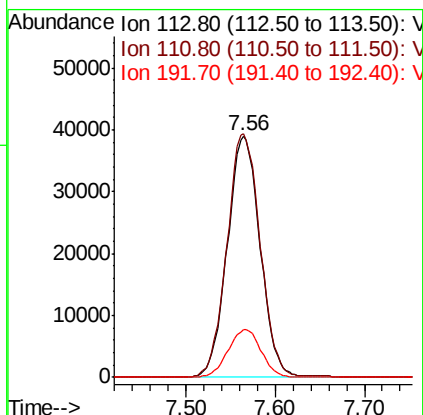
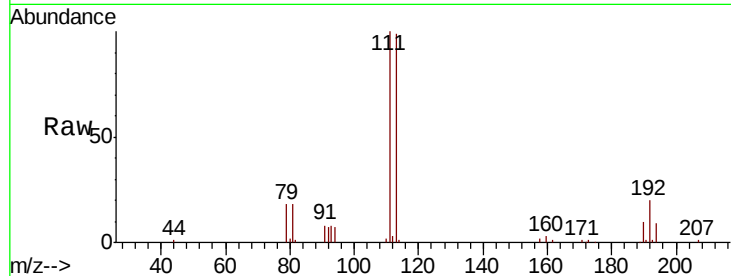




#35
 Dibromofluoromethane
 Concen: 49.389 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060698.D
 Acq: 25 Mar 2020 15:36

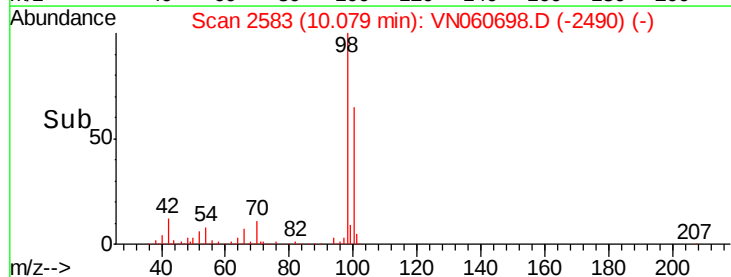
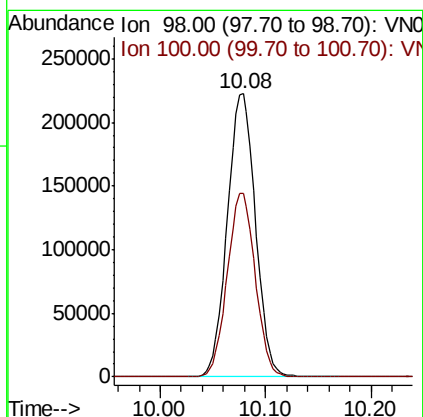
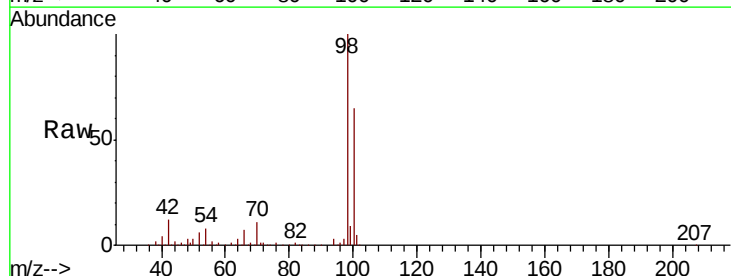
Instrument :
 MSVOA_N
 ClientSampled :
 MH-4

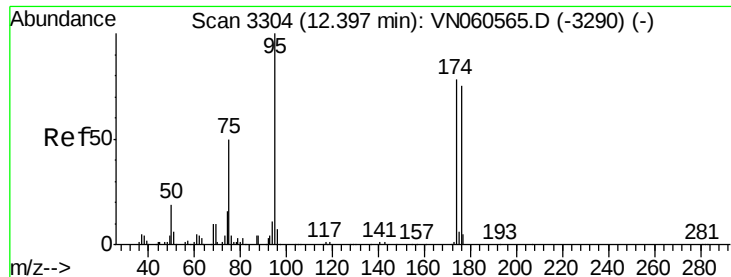
Tot Ion:113 Resp: 99419
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.9 124.3
 192 19.9 15.8 23.8



#50
 Toluene-d8
 Concen: 49.928 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN060698.D
 Acq: 25 Mar 2020 15:36

Tgt Ion: 98 Resp: 410524
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.542 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060698.D

Acq: 25 Mar 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

MH-4

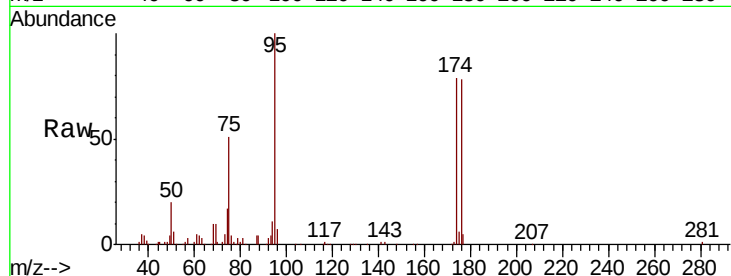
Tot Ion: 95 Resp: 155316

Ion Ratio Lower Upper

95 100

174 78.2 0.0 157.6

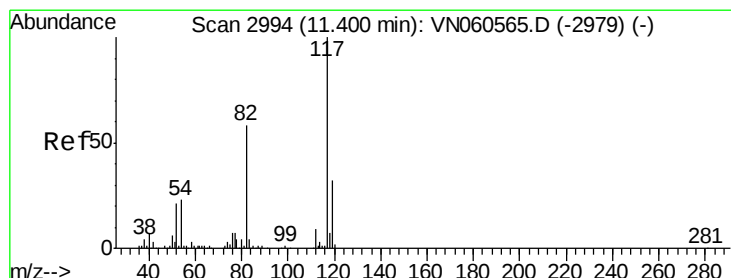
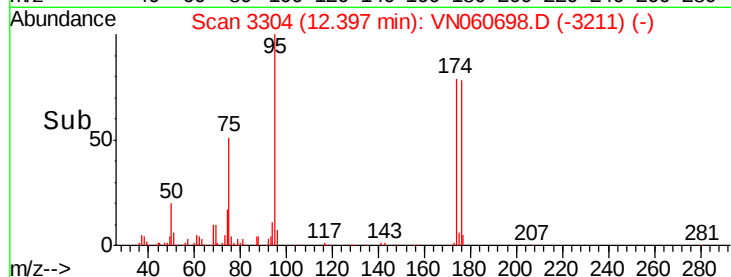
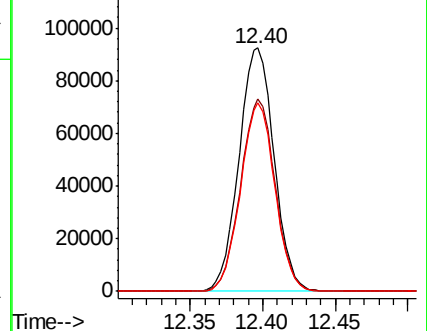
176 76.0 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060698.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060698.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060698.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060698.D

Acq: 25 Mar 2020 15:36

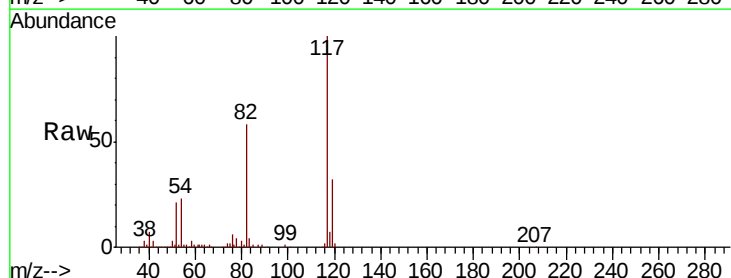
Tgt Ion: 117 Resp: 313295

Ion Ratio Lower Upper

117 100

82 57.5 46.7 70.1

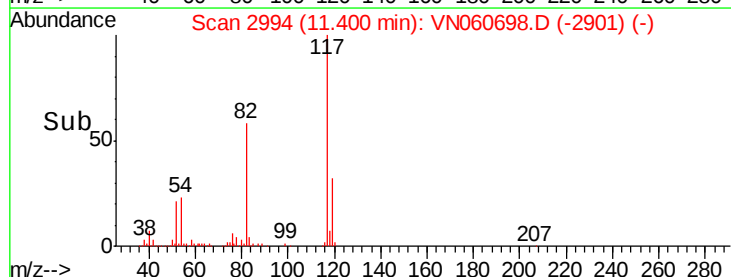
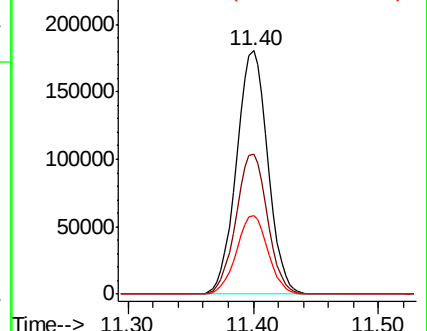
119 32.3 25.5 38.3

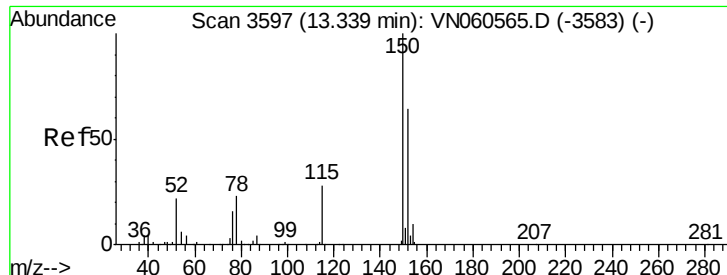


Abundance Ion 116.90 (116.60 to 117.60): VN060698.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060698.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060698.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060698.D

Acq: 25 Mar 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

MH-4

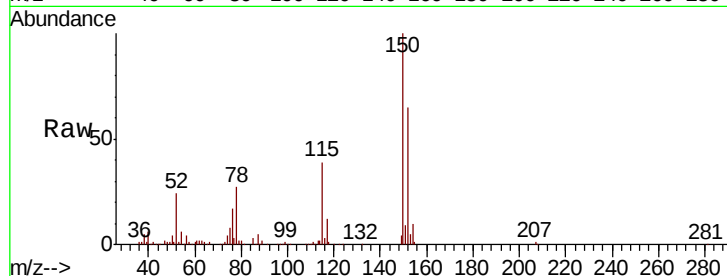
Tot Ion:152 Resp: 147338

Ion Ratio Lower Upper

152 100

115 59.8 30.2 90.6

150 155.6 0.0 350.2



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

