

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060998.D
 Acq On : 16 Apr 2020 5:28
 Operator : JC/MD
 Sample : L2249-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-5

Quant Time: Apr 16 08:30:39 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

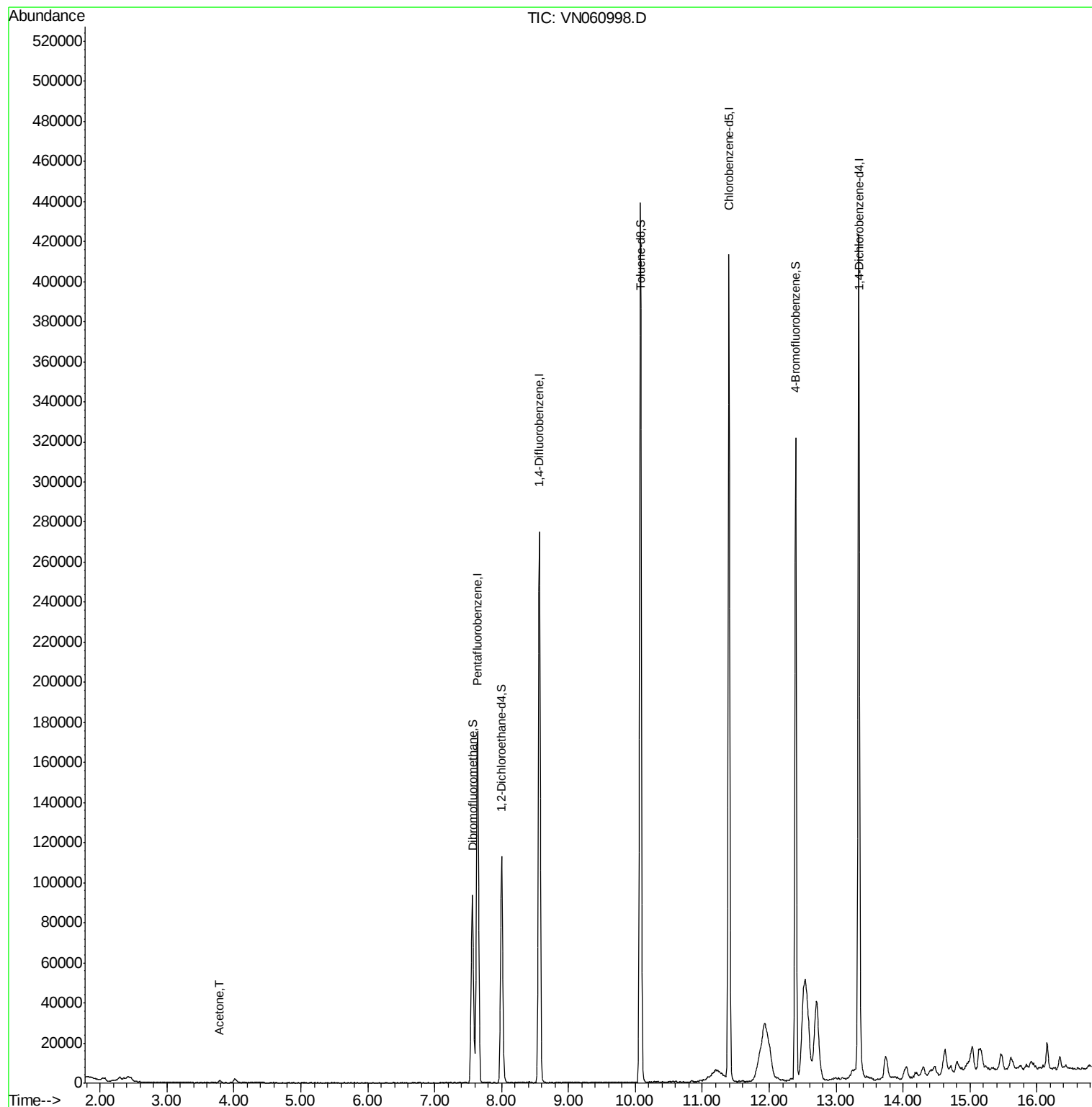
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	141761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	243017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	229099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	104405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	96318	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	7.56	113	71940	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	10.08	98	301251	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.39	95	114719	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
Target Compounds						
16) Acetone	3.79	43	2193	3.181	ug/l	Qvalue 92

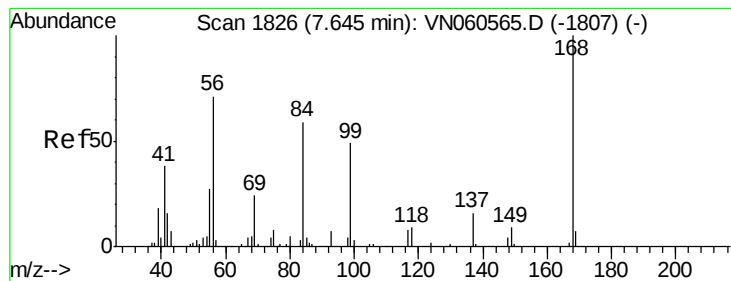
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060998.D

Acq: 16 Apr 2020 5:28

Instrument :

MSVOA_N

ClientSampled :

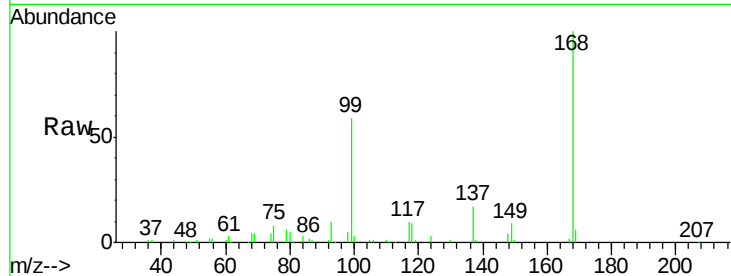
WC-5

Tot Ion:168 Resp: 141761

Ion Ratio Lower Upper

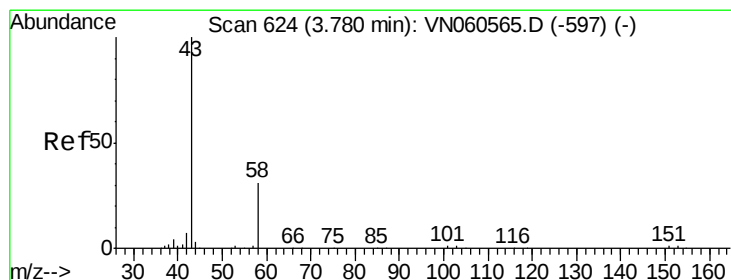
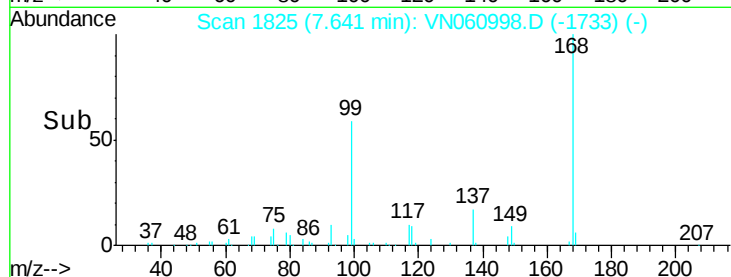
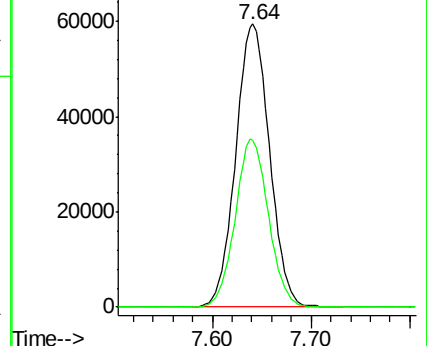
168 100

99 58.9 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: 3.181 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060998.D

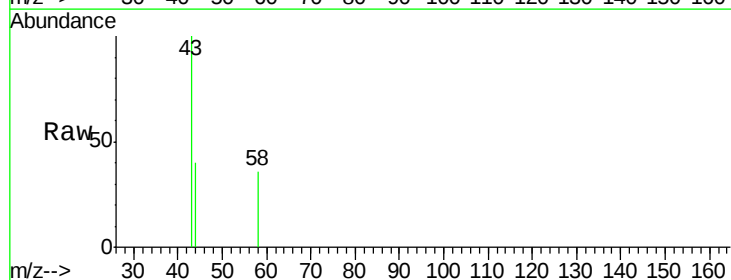
Acq: 16 Apr 2020 5:28

Tgt Ion: 43 Resp: 2193

Ion Ratio Lower Upper

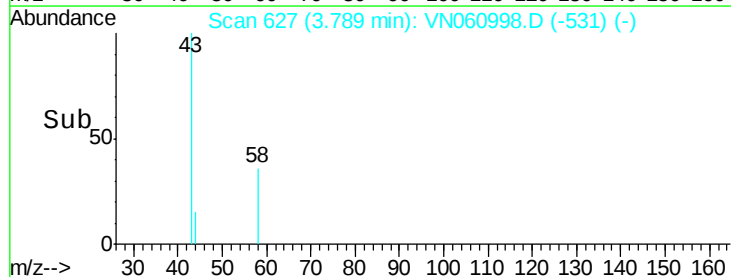
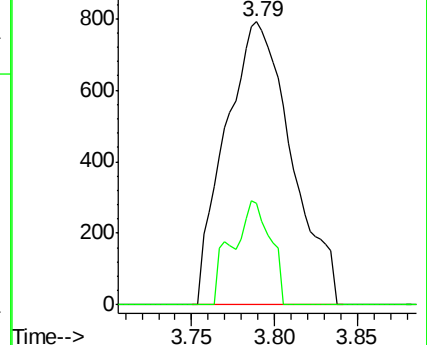
43 100

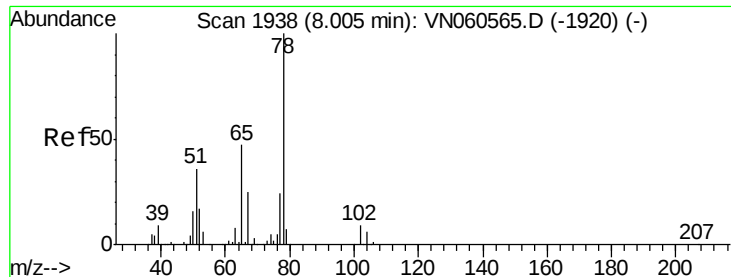
58 35.8 25.1 37.7



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: 49.494 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060998.D

Acq: 16 Apr 2020 5:28

Instrument :

MSVOA_N

ClientSampleId :

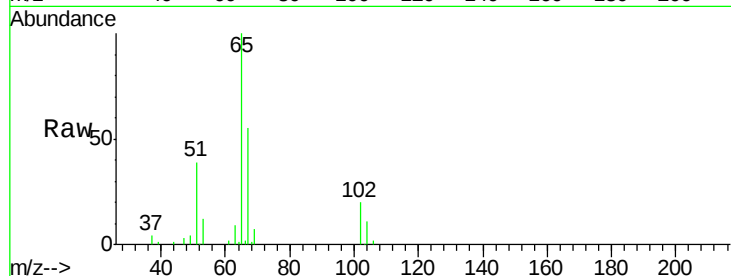
WC-5

Tot Ion: 65 Resp: 96318

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060998.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060998.D (-1845) (-)

8.00

40000

30000

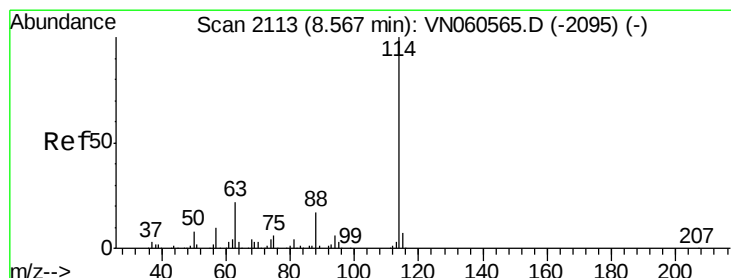
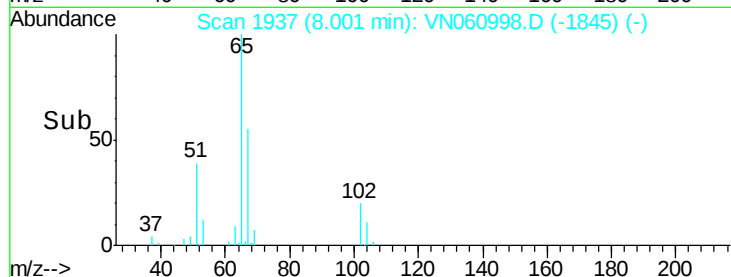
20000

10000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060998.D

Acq: 16 Apr 2020 5:28

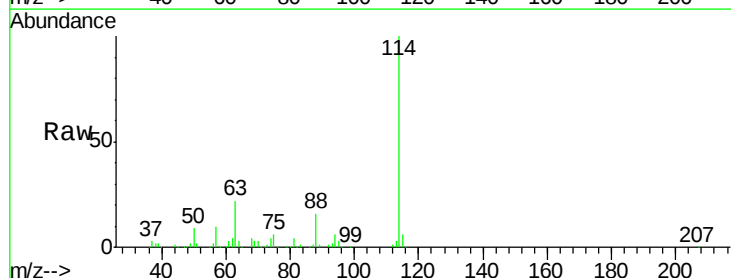
Tgt Ion: 114 Resp: 243017

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.8

88 16.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VN060998.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060998.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060998.D (-2020) (-)

8.56

150000

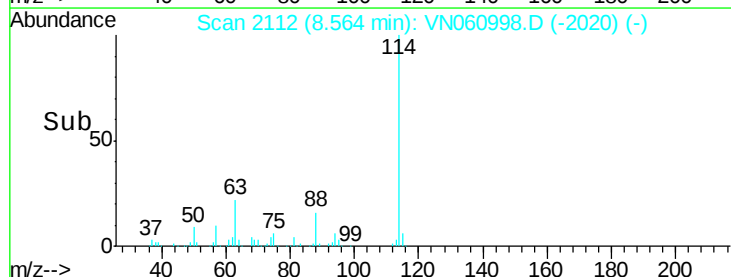
100000

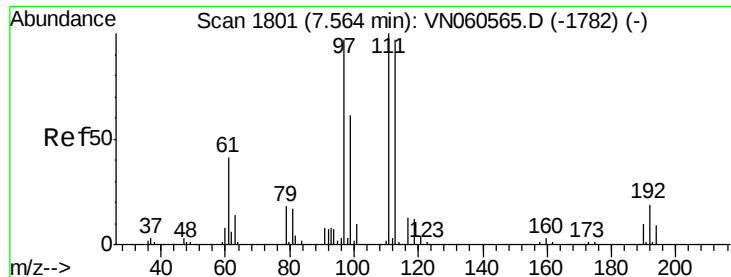
50000

0

8.50 8.60 8.70

Time-->

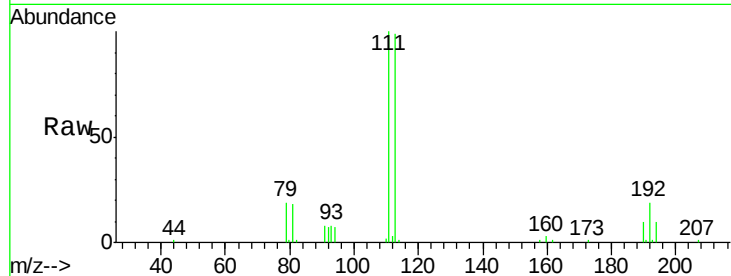




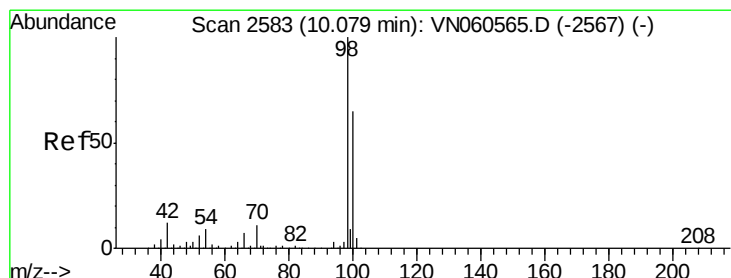
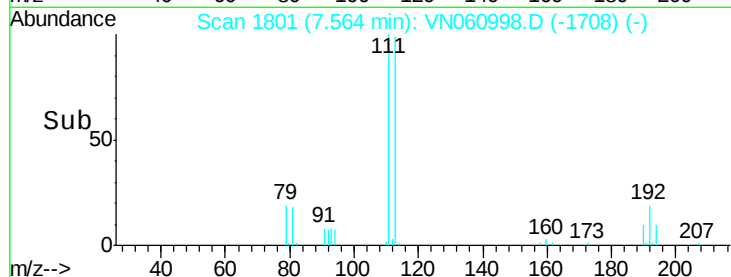
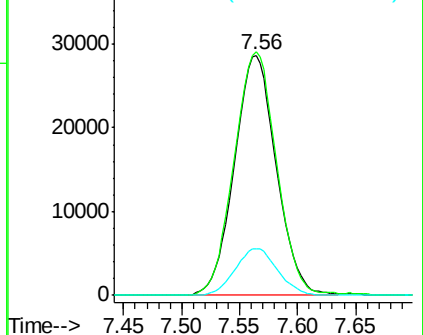
#35
 Dibromofluoromethane
 Concen: 48.957 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060998.D
 Acq: 16 Apr 2020 5:28

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-5

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	19.5	15.8	23.8

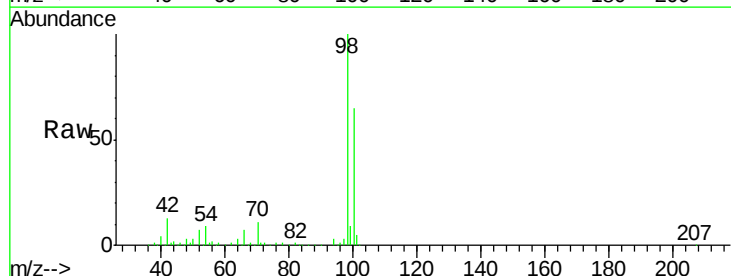


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

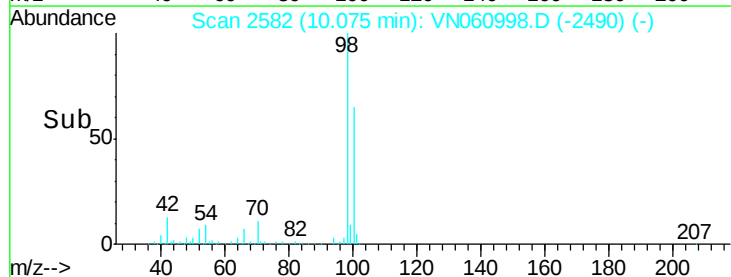
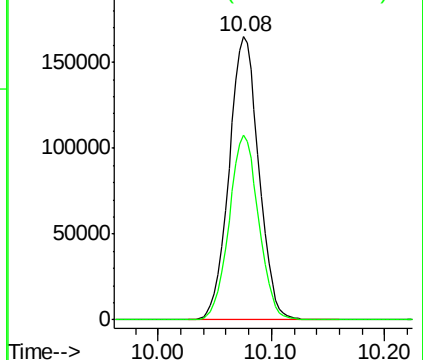


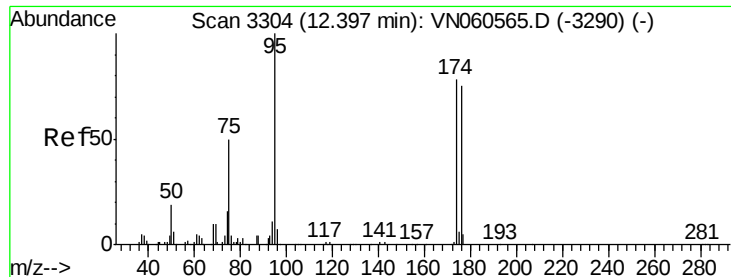
#50
 Toluene-d8
 Concen: 50.191 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060998.D
 Acq: 16 Apr 2020 5:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.8



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





#62

4-Bromofluorobenzene

Concen: 52.152 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060998.D

Acq: 16 Apr 2020 5:28

Instrument :

MSVOA_N

ClientSampled :

WC-5

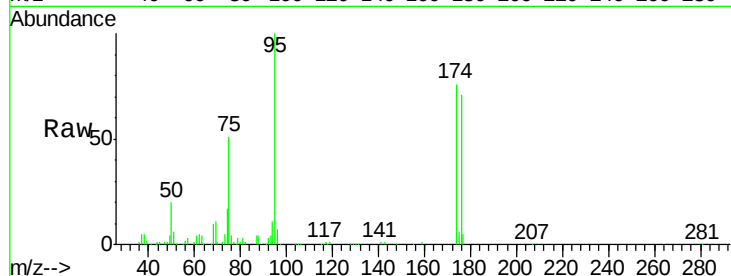
Tot Ion: 95 Resp: 114719

Ion Ratio Lower Upper

95 100

174 76.1 0.0 157.6

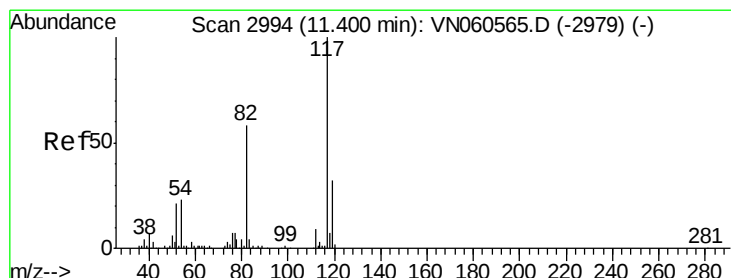
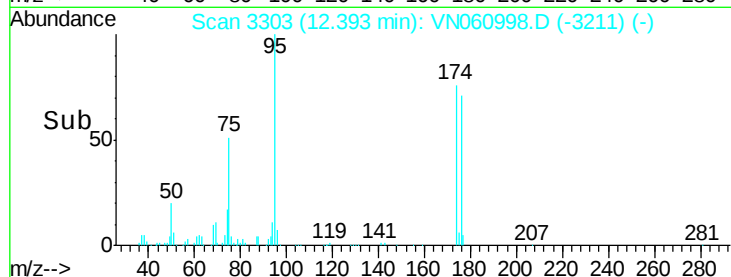
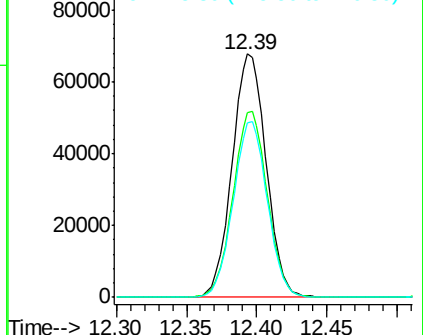
176 72.3 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060998.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060998.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060998.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060998.D

Acq: 16 Apr 2020 5:28

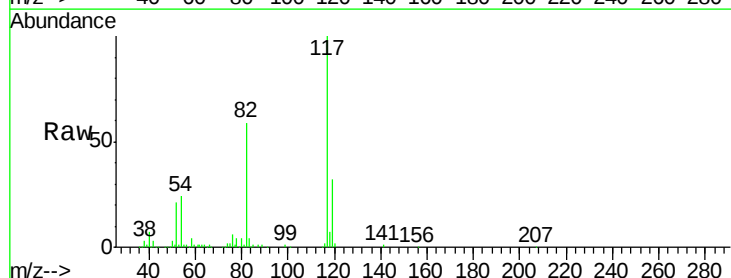
Tgt Ion: 117 Resp: 229099

Ion Ratio Lower Upper

117 100

82 58.8 46.7 70.1

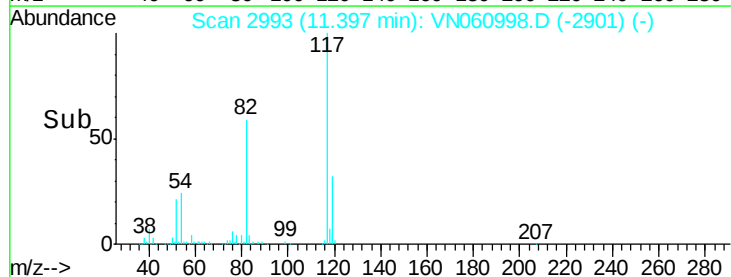
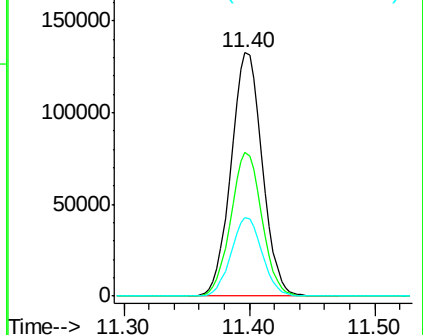
119 32.1 25.5 38.3

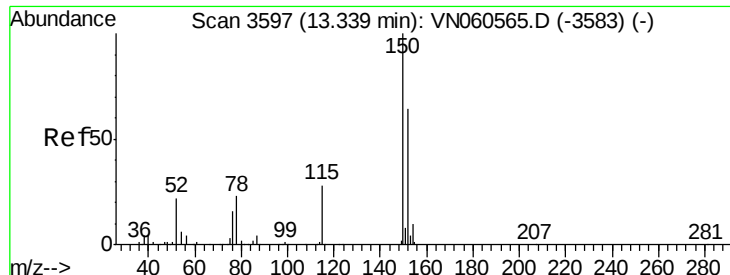


Abundance Ion 116.90 (116.60 to 117.60): VN060998.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060998.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060998.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060998.D

Acq: 16 Apr 2020 5:28

Instrument :

MSVOA_N

ClientSampleId :

WC-5

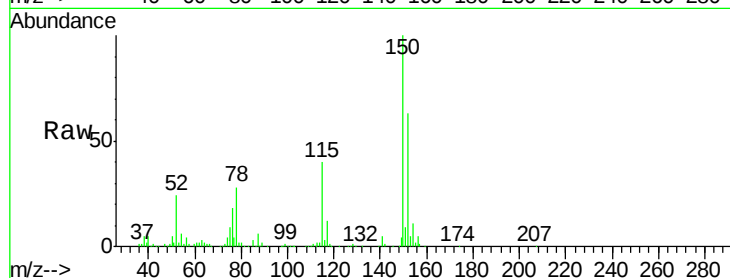
Tot Ion:152 Resp: 104405

Ion Ratio Lower Upper

152 100

115 63.9 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

