

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
 Data File : VN050246.D
 Acq On : 1 Aug 2018 13:55
 Operator : MD\SY
 Sample : J4248-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-X-072718

Quant Time: Aug 02 11:24:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

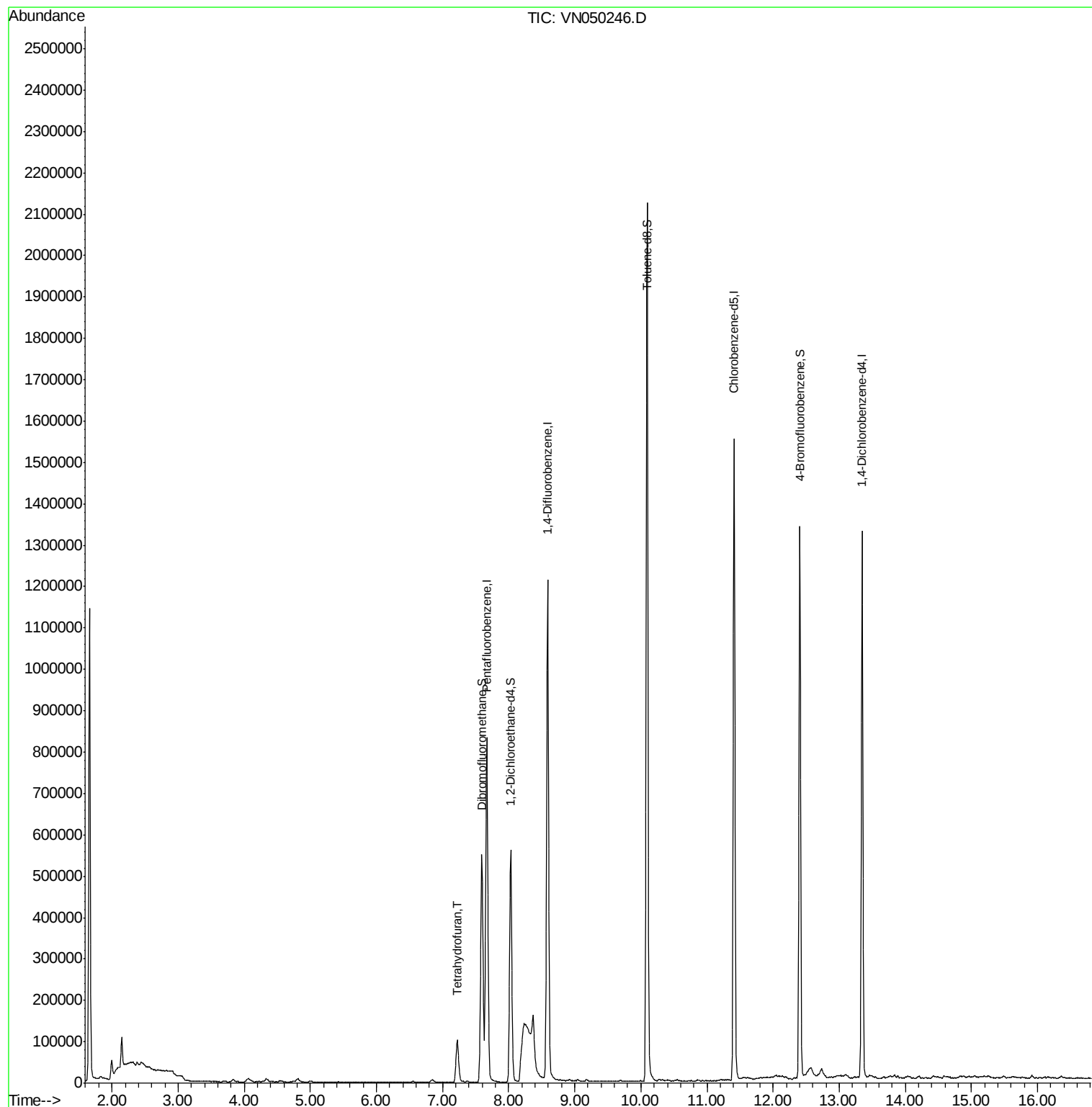
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	720443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1120597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	945670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	370545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	476434	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
35) Dibromofluoromethane	7.59	113	426868	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
50) Toluene-d8	10.09	98	1529585	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.94%	
62) 4-Bromofluorobenzene	12.40	95	452196	40.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.66%	
Target Compounds						
29) Tetrahydrofuran	7.22	42	82276	33.209	ug/l	Qvalue 99

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

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050246.D

Acq: 1 Aug 2018 13:55

Instrument :

MSVOA_N

ClientSampleId :

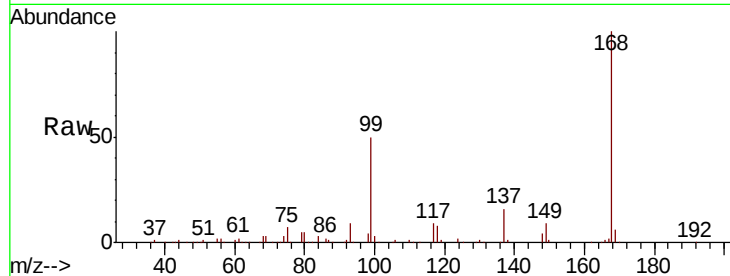
MW-X-072718

Tot Ion:168 Resp: 720443

Ion Ratio Lower Upper

168 100

99 50.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

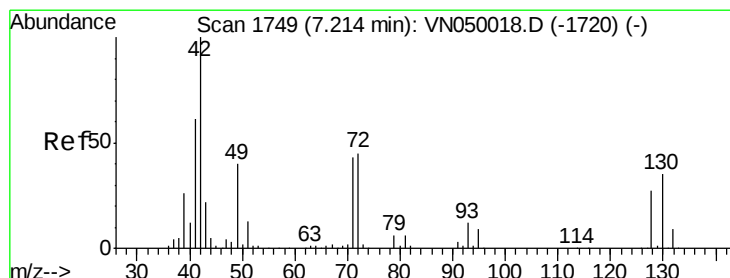
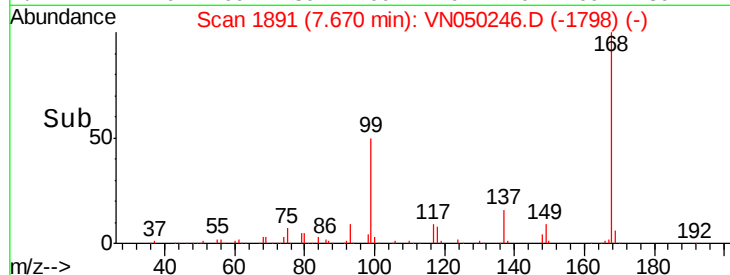
200000

100000

0

7.60 7.70 7.80

Time-->



#29

Tetrahydrofuran

Concen: 33.209 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VN050246.D

Acq: 1 Aug 2018 13:55

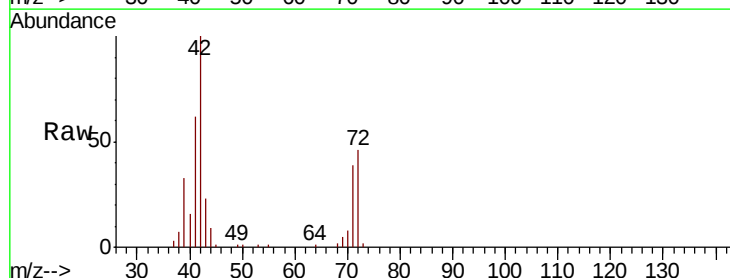
Tgt Ion: 42 Resp: 82276

Ion Ratio Lower Upper

42 100

72 44.2 35.9 53.9

71 41.2 33.7 50.5



Abundance Ion 42.00 (41.70 to 42.70): VN

Ion 72.00 (71.70 to 72.70): VN

Ion 71.00 (70.70 to 71.70): VN

40000

30000

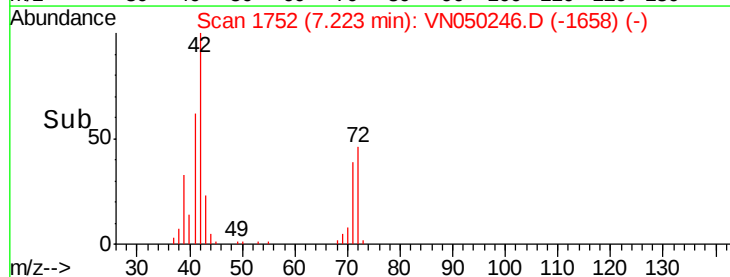
20000

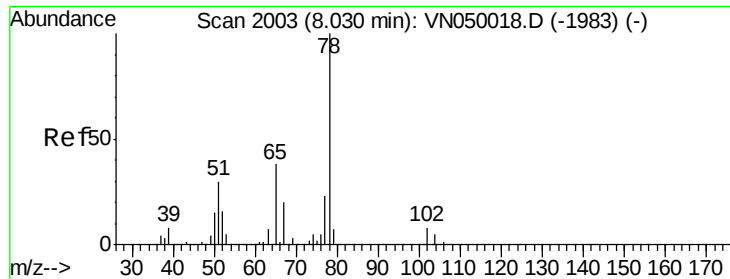
10000

0

7.10 7.20 7.30

Time-->

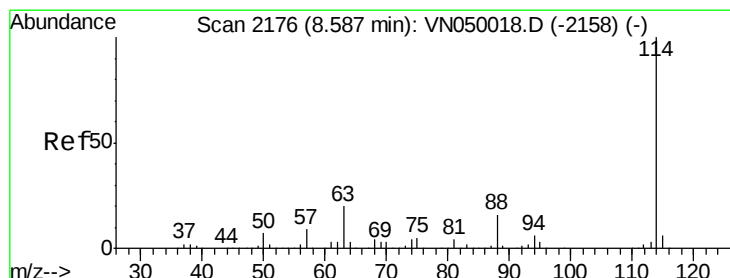
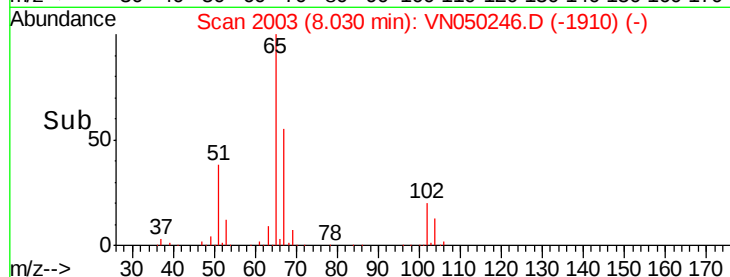
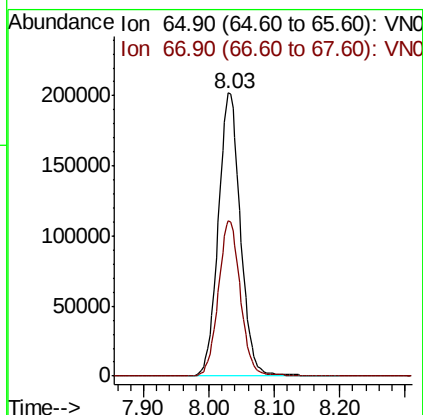
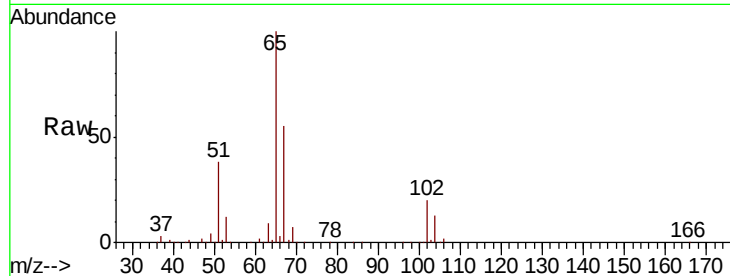




#33
 1,2-Dichloroethane-d4
 Concen: 47.398 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050246.D
 Acq: 1 Aug 2018 13:55

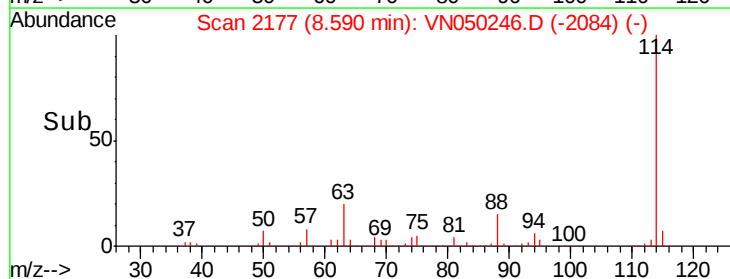
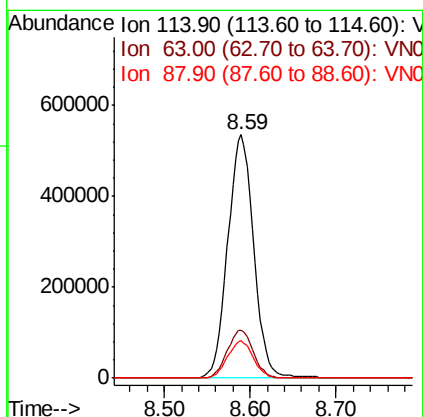
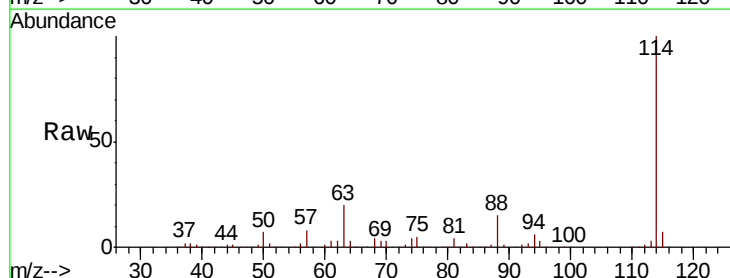
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-X-072718

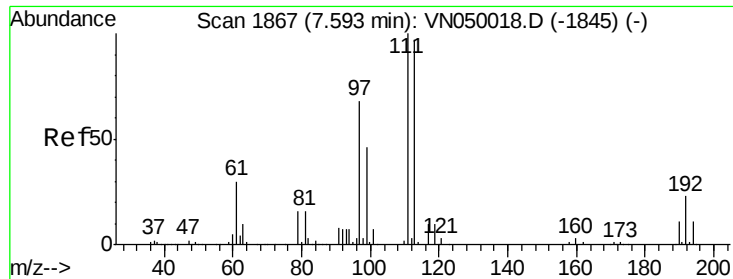
Tot Ion: 65 Resp: 476434
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050246.D
 Acq: 1 Aug 2018 13:55

Tgt Ion: 114 Resp: 1120597
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.2 0.0 31.2

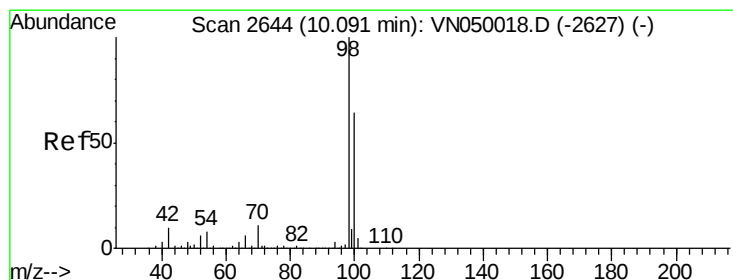
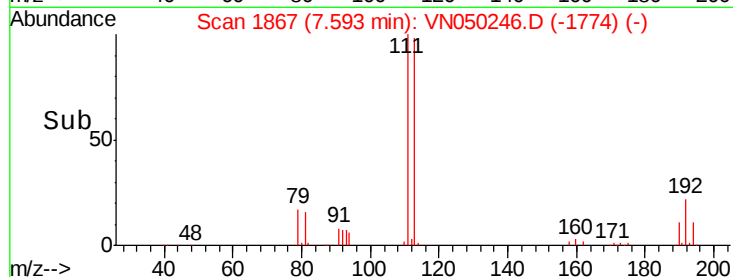
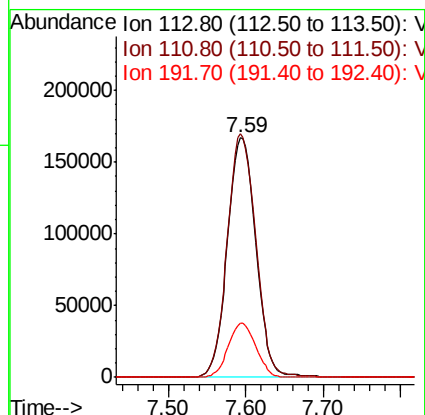
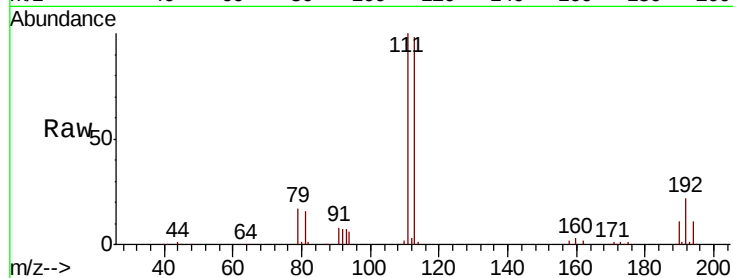




#35
 Dibromofluoromethane
 Concen: 46.655 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050246.D
 Acq: 1 Aug 2018 13:55

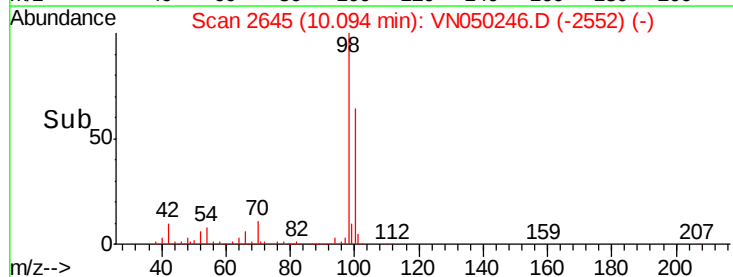
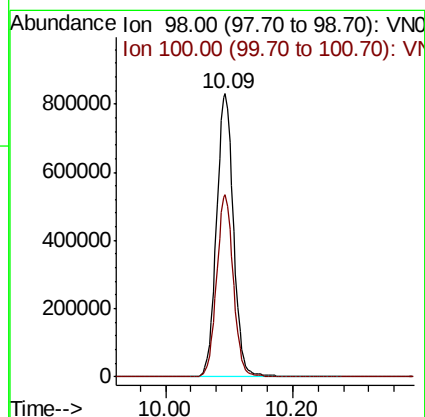
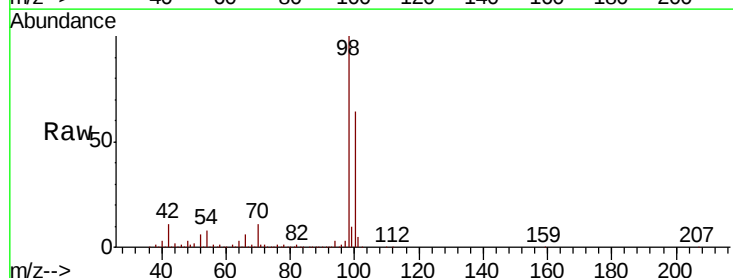
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-X-072718

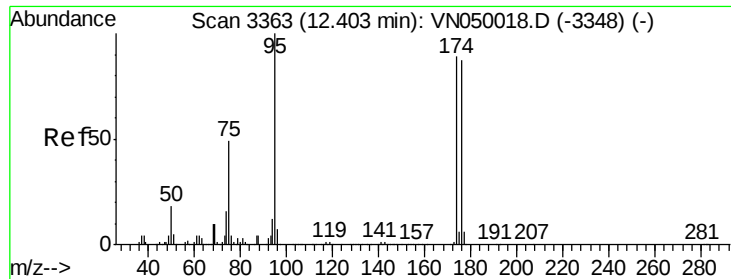
Tot Ion:113 Resp: 426868
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.7 121.1
 192 22.1 17.8 26.6



#50
 Toluene-d8
 Concen: 45.473 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050246.D
 Acq: 1 Aug 2018 13:55

Tgt Ion: 98 Resp: 1529585
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 40.827 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050246.D

Acq: 1 Aug 2018 13:55

Instrument :

MSVOA_N

ClientSampleId :

MW-X-072718

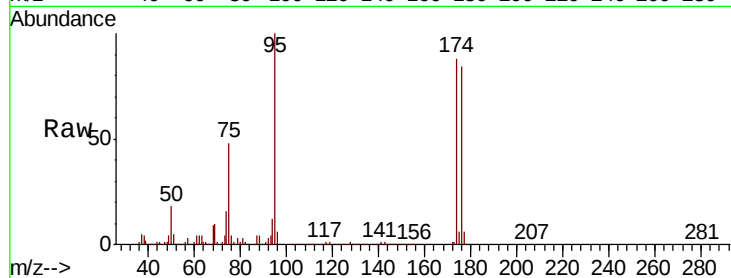
Tot Ion: 95 Resp: 452196

Ion Ratio Lower Upper

95 100

174 88.3 0.0 178.2

176 86.1 0.0 173.4

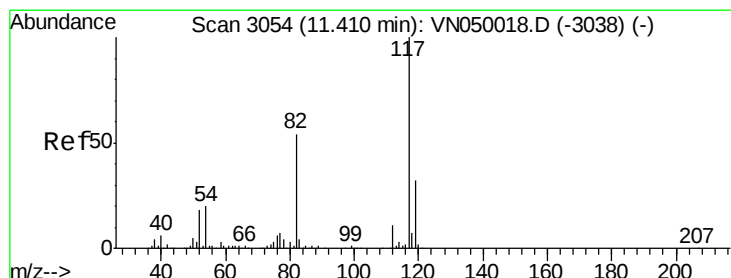
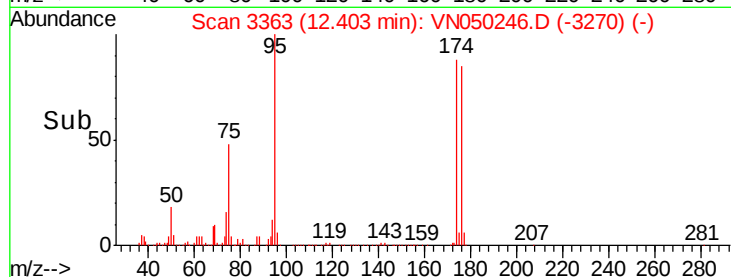


Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050246.D

Acq: 1 Aug 2018 13:55

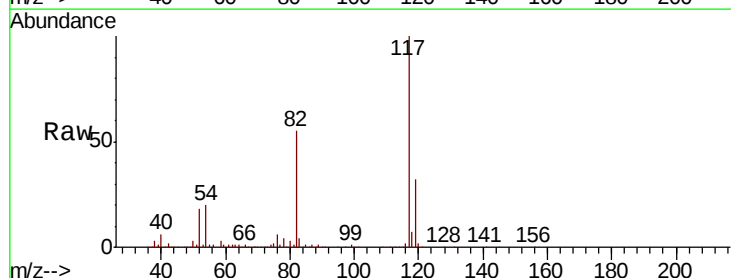
Tgt Ion: 117 Resp: 945670

Ion Ratio Lower Upper

117 100

82 54.5 43.7 65.5

119 32.3 26.1 39.1

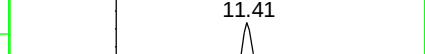
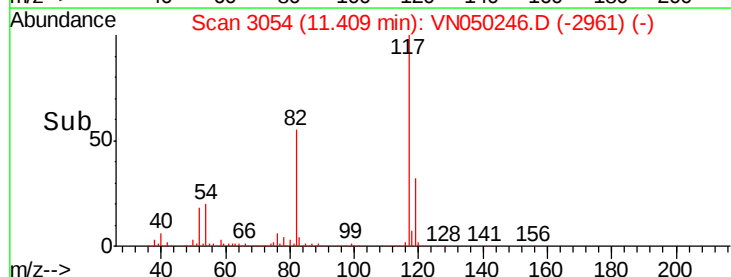


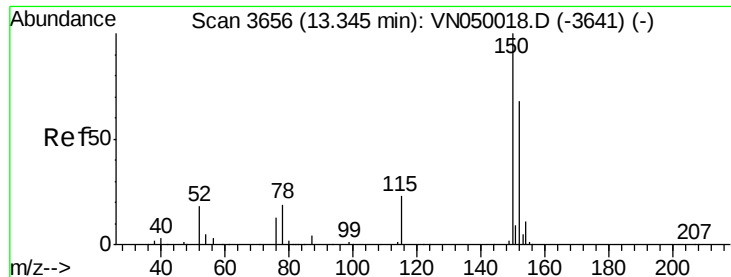
Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050246.D

Acq: 1 Aug 2018 13:55

Instrument :

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ClientSampleId :

MW-X-072718

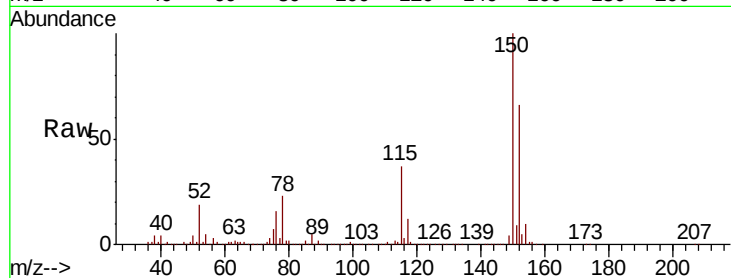
Tot Ion:152 Resp: 370545

Ion Ratio Lower Upper

152 100

115 57.3 27.8 83.3

150 155.8 0.0 348.6



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

