

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050112.D
 Acq On : 27 Jul 2018 4:29
 Operator : MD\SY
 Sample : J4163-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13B

Quant Time: Jul 27 08:08:36 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	718306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1155604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	984626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	391749	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	488331	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
35) Dibromofluoromethane	7.59	113	432171	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
50) Toluene-d8	10.09	98	1583299	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
62) 4-Bromofluorobenzene	12.40	95	477801	41.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.66%	

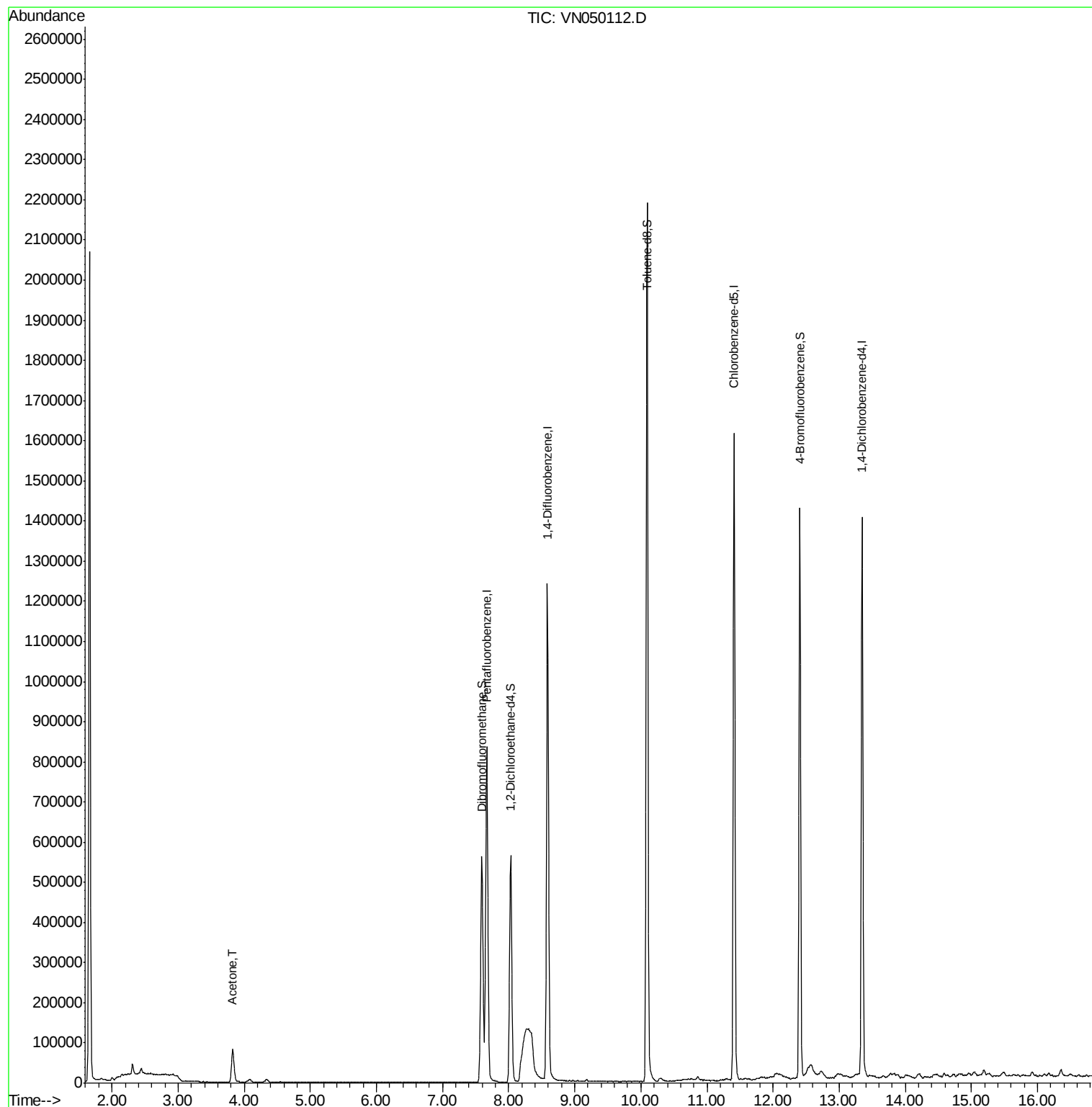
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	141473	56.57	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050112.D

Acq: 27 Jul 2018 4:29

Instrument :

MSVOA_N

ClientSampled :

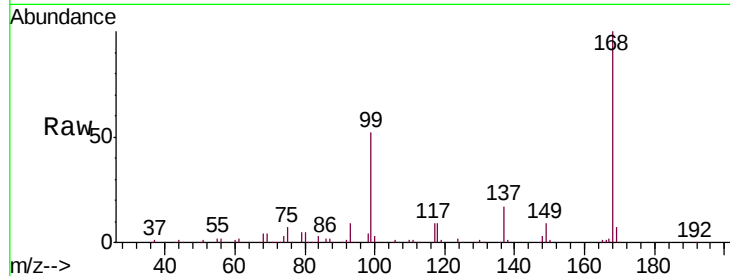
MW-13B

Tot Ion:168 Resp: 718306

Ion Ratio Lower Upper

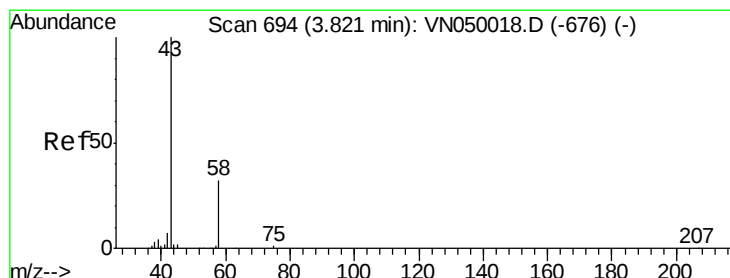
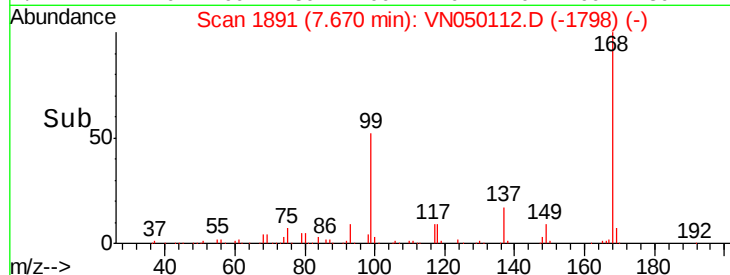
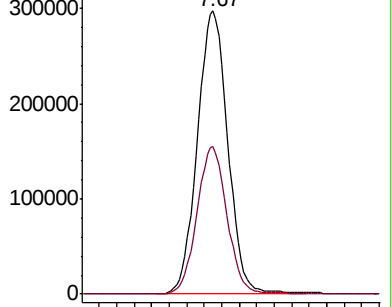
168 100

99 52.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 56.57 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050112.D

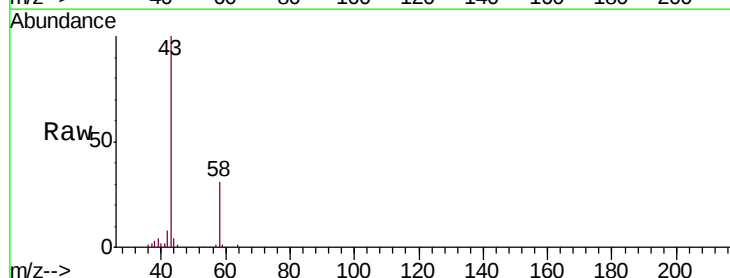
Acq: 27 Jul 2018 4:29

Tgt Ion: 43 Resp: 141473

Ion Ratio Lower Upper

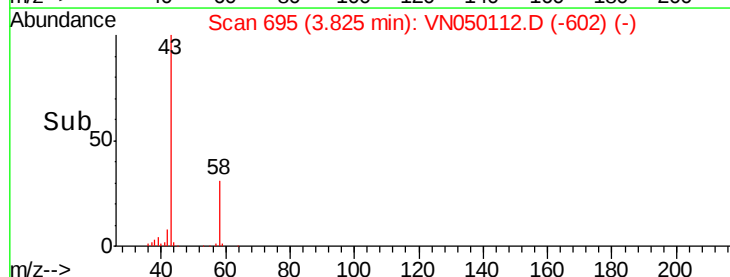
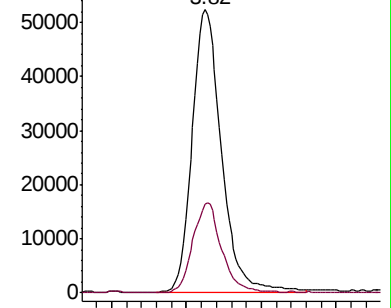
43 100

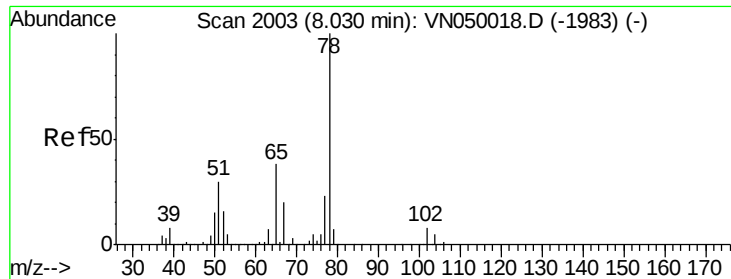
58 31.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 48.73 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050112.D

Acq: 27 Jul 2018 4:29

Instrument :

MSVOA_N

ClientSampleId :

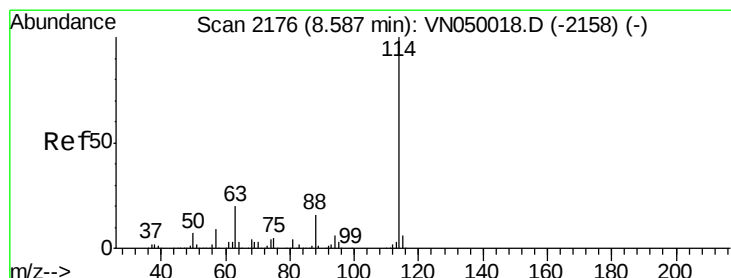
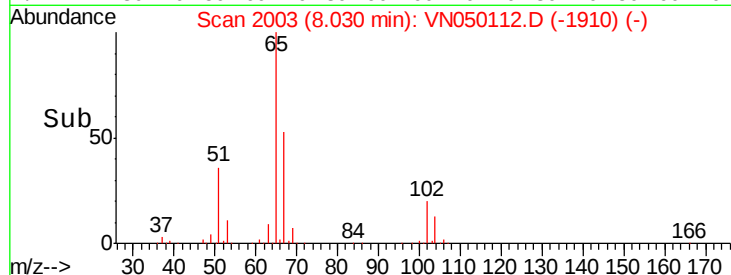
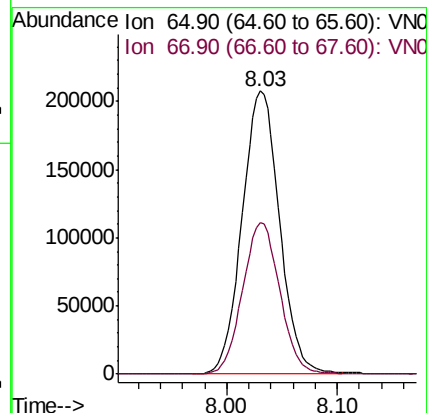
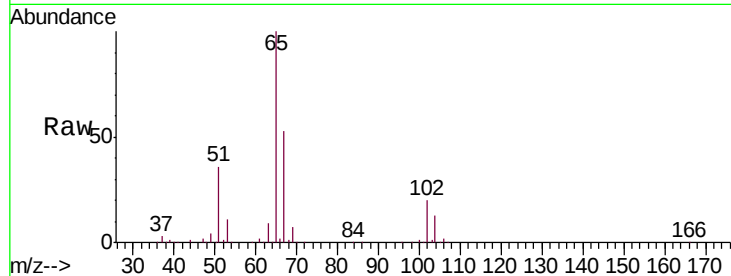
MW-13B

Tot Ion: 65 Resp: 488331

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050112.D

Acq: 27 Jul 2018 4:29

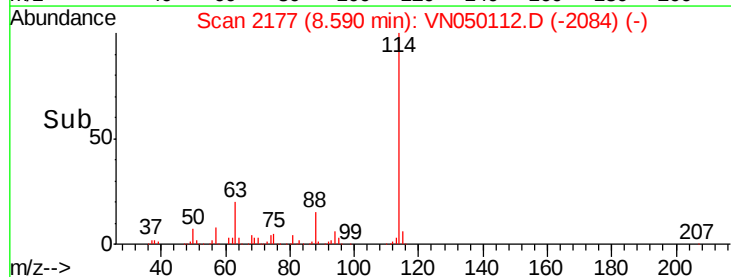
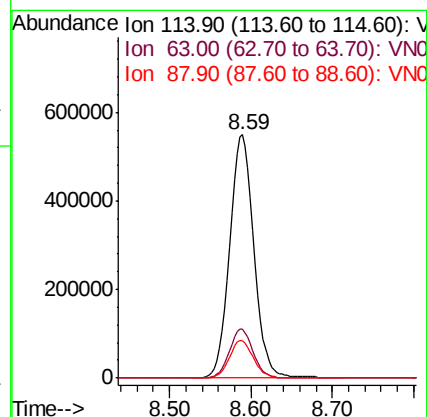
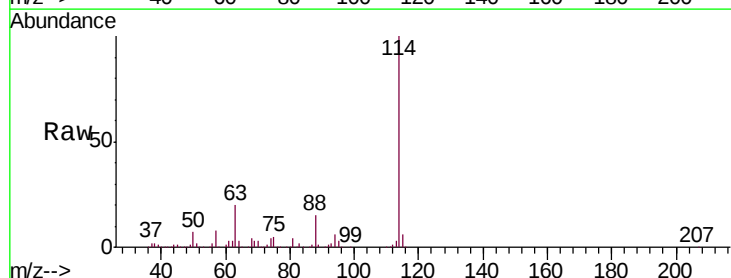
Tgt Ion: 114 Resp: 1155604

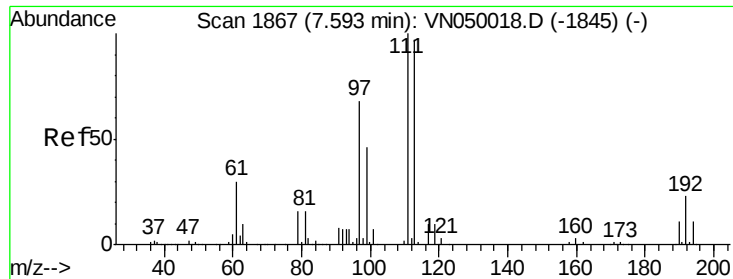
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.3 0.0 31.2



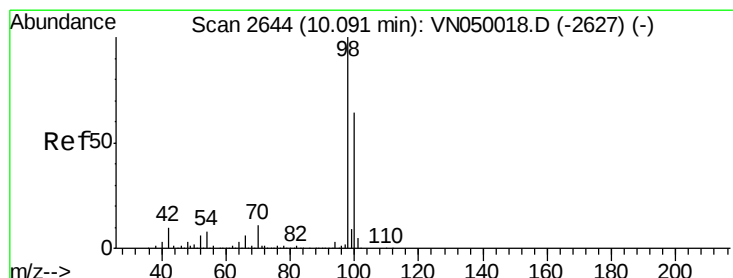
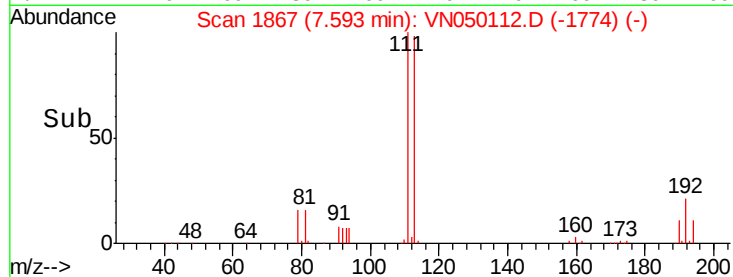
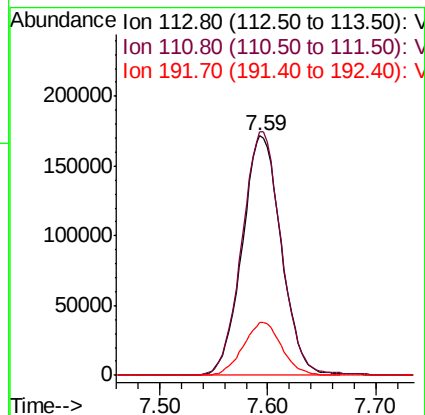
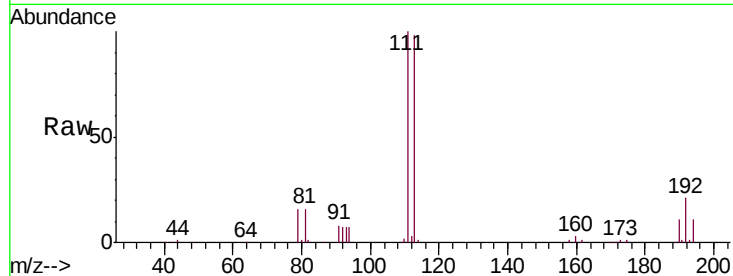


#35
Dibromofluoromethane
Concen: 45.80 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050112.D
Acq: 27 Jul 2018 4:29

Instrument :
MSVOA_N
ClientSampleId :
MW-13B

Tot Ion:113 Resp: 432171

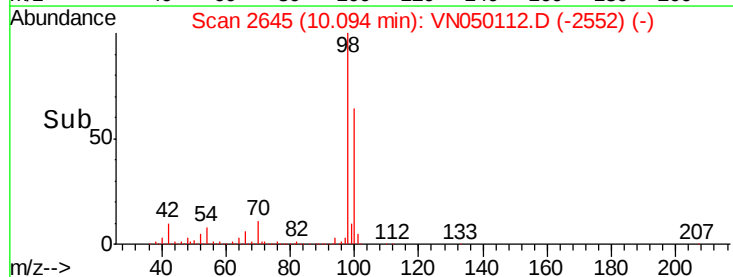
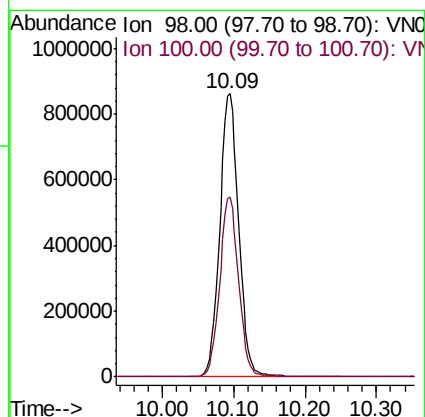
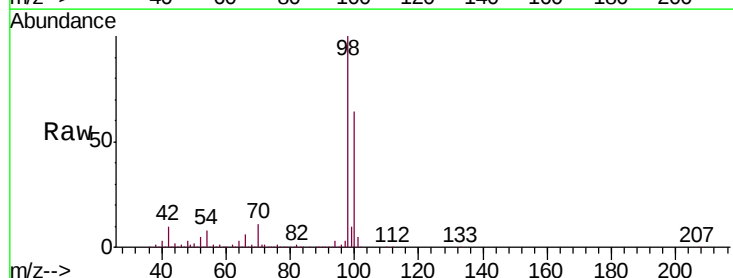
Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.7	121.1
192	21.9	17.8	26.6

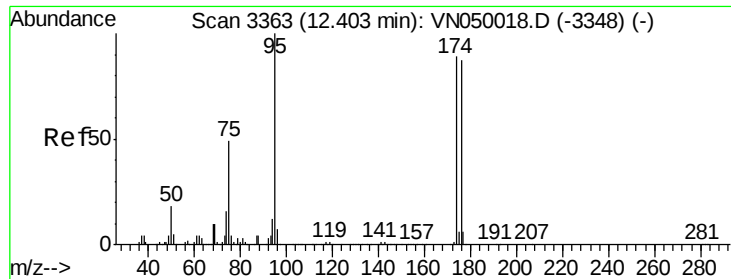


#50
Toluene-d8
Concen: 45.64 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050112.D
Acq: 27 Jul 2018 4:29

Tgt Ion: 98 Resp: 1583299

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 41.83 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050112.D

Acq: 27 Jul 2018 4:29

Instrument :

MSVOA_N

ClientSampleId :

MW-13B

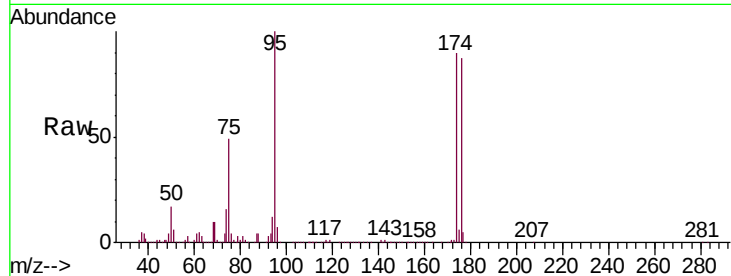
Tot Ion: 95 Resp: 477801

Ion Ratio Lower Upper

95 100

174 90.7 0.0 178.2

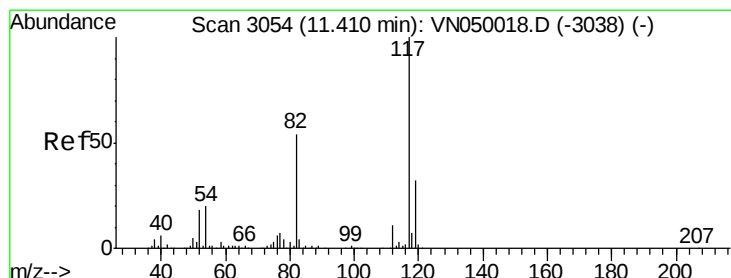
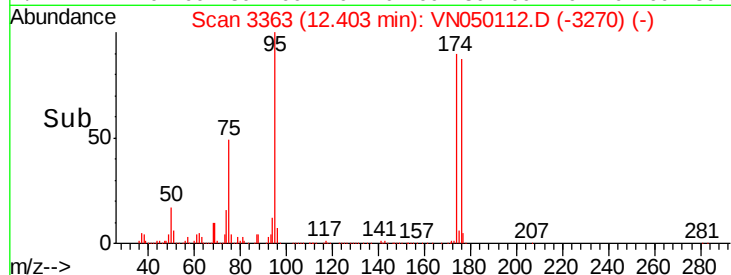
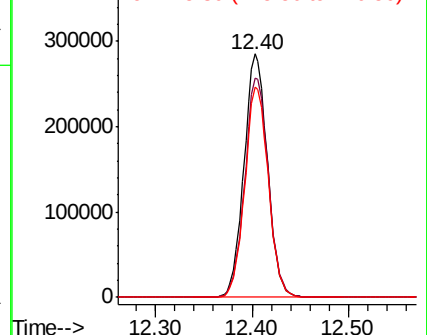
176 86.9 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050112.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN050112.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN050112.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050112.D

Acq: 27 Jul 2018 4:29

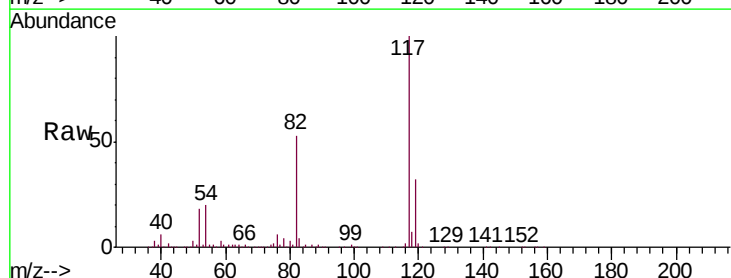
Tgt Ion: 117 Resp: 984626

Ion Ratio Lower Upper

117 100

82 53.4 43.7 65.5

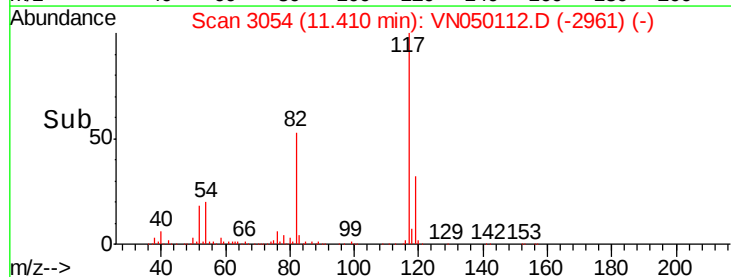
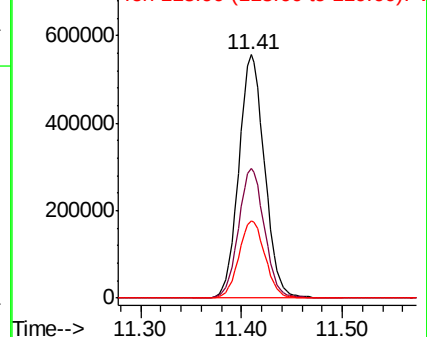
119 32.0 26.1 39.1

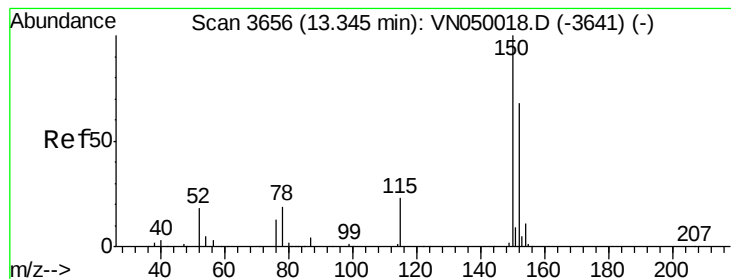


Abundance Ion 116.90 (116.60 to 117.60): VN050112.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050112.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050112.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050112.D

Acq: 27 Jul 2018 4:29

Instrument :

MSVOA_N

ClientSampleId :

MW-13B

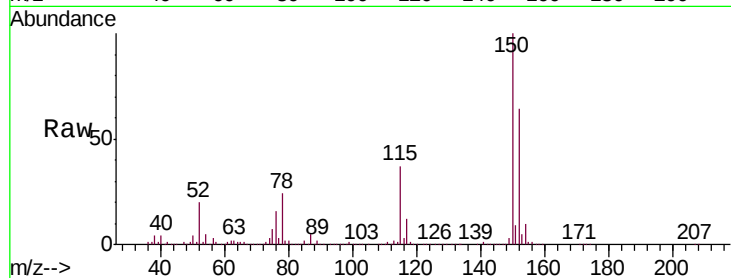
Tot Ion:152 Resp: 391749

Ion Ratio Lower Upper

152 100

115 57.5 27.8 83.3

150 155.7 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

