

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050615.D
 Acq On : 14 Aug 2018 20:32
 Operator : MD\SY
 Sample : J4465-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)

Quant Time: Aug 15 13:37:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	680263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1090966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	944079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	344865	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	457048	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
35) Dibromofluoromethane	7.59	113	426082	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	10.09	98	1534498	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
62) 4-Bromofluorobenzene	12.40	95	419345	38.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.44%	

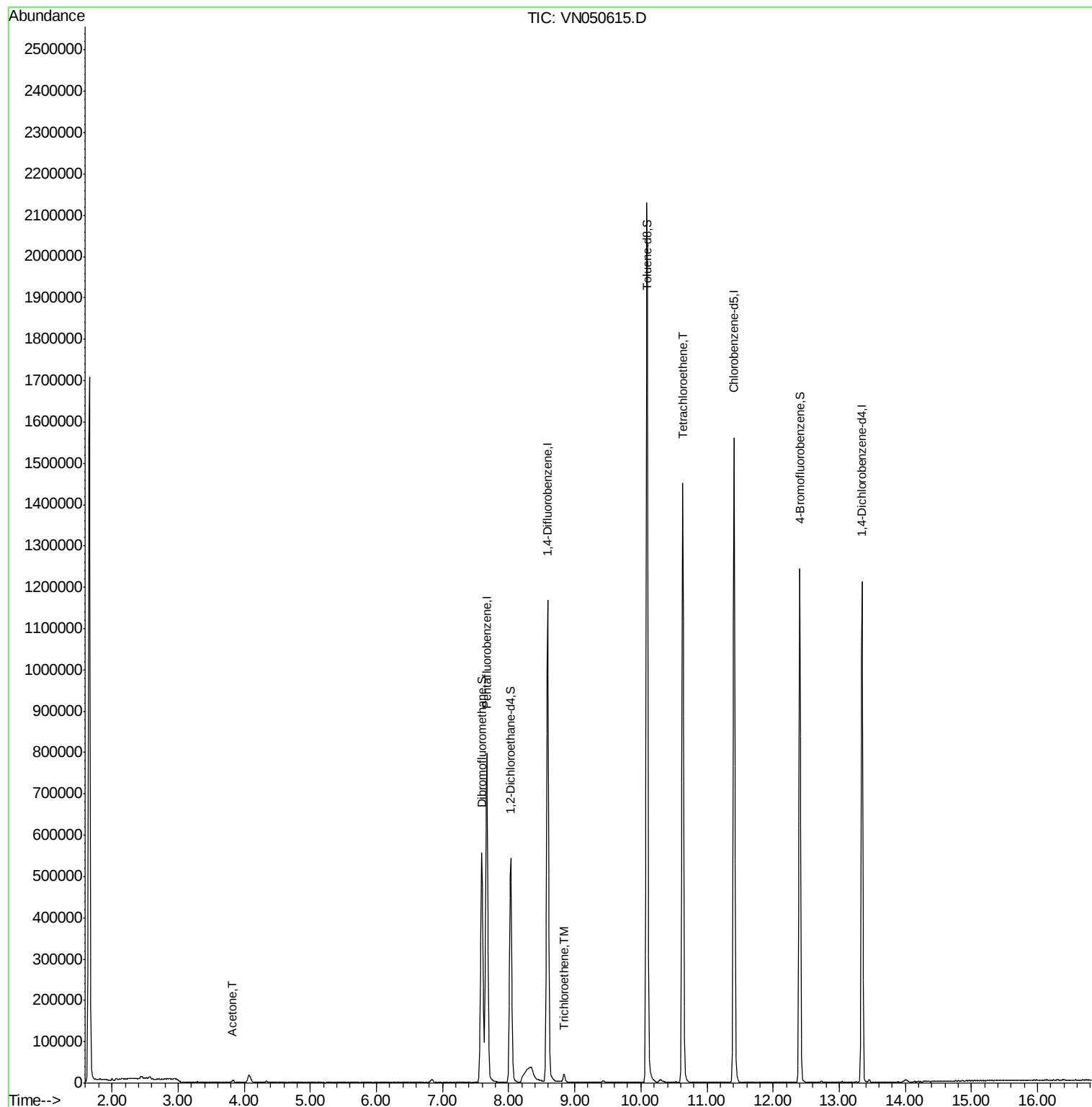
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	8599	2.58	ug/l	91
44) Trichloroethene	8.84	130	7105	0.72	ug/l	94
64) Tetrachloroethene	10.63	164	369866	42.19	ug/l	99

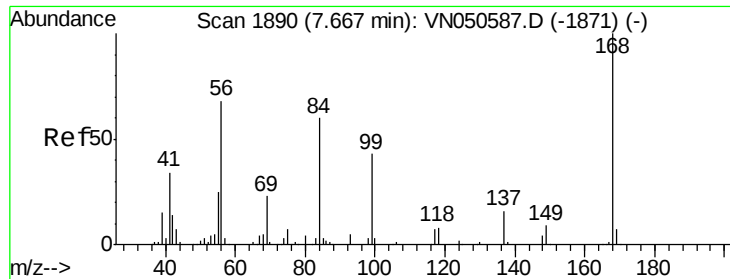
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081418\
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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: VN050615.D

Acq: 14 Aug 2018 20:32

Instrument :

MSVOA_N

ClientSampleId :

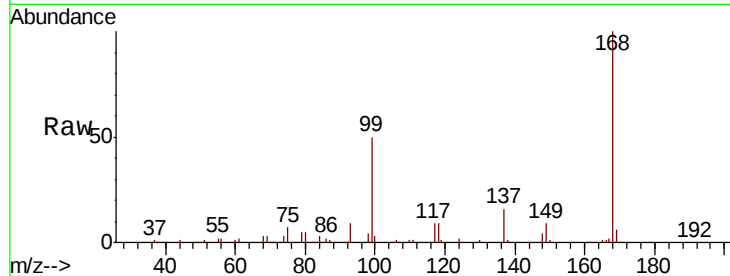
944-MW-05(17)

Tot Ion:168 Resp: 680263

Ion Ratio Lower Upper

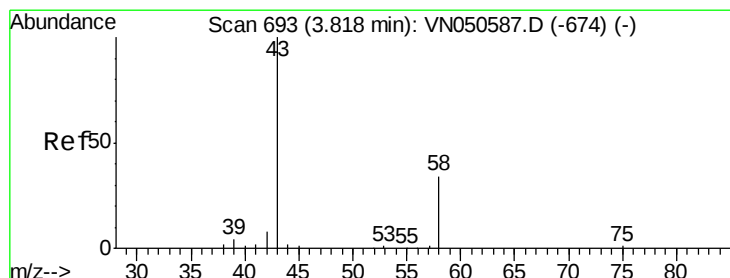
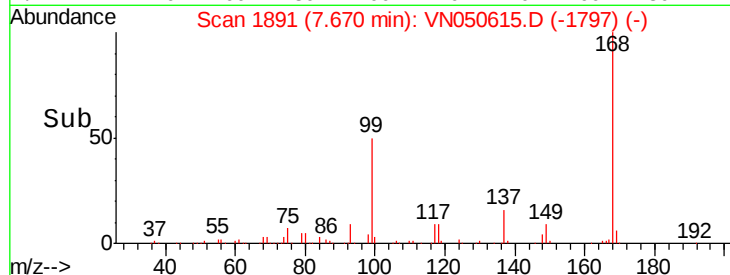
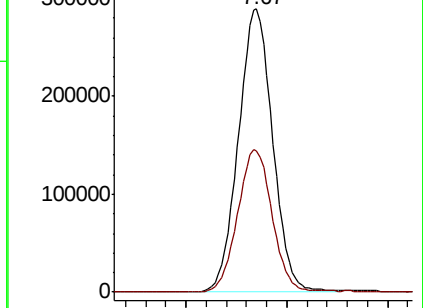
168 100

99 49.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 2.58 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050615.D

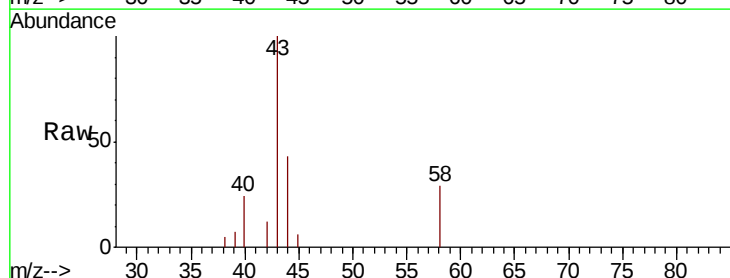
Acq: 14 Aug 2018 20:32

Tgt Ion: 43 Resp: 8599

Ion Ratio Lower Upper

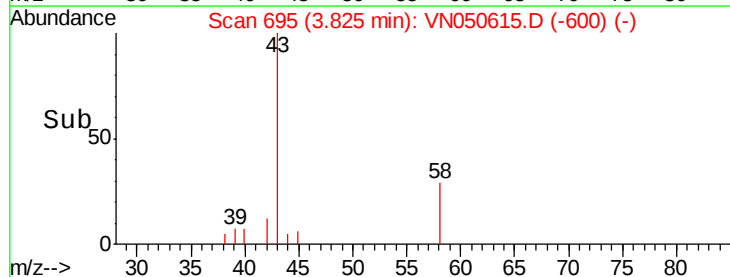
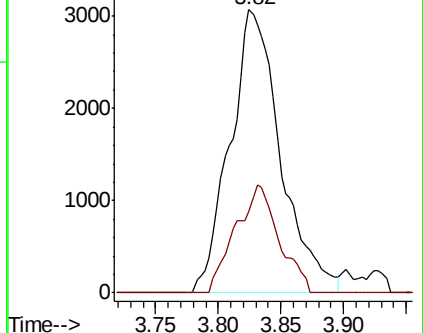
43 100

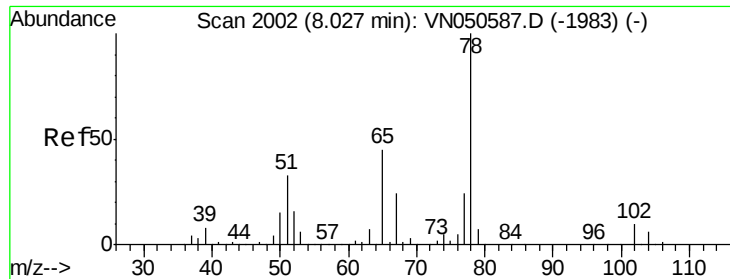
58 28.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

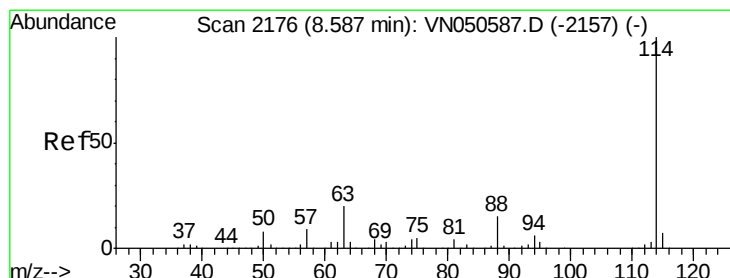
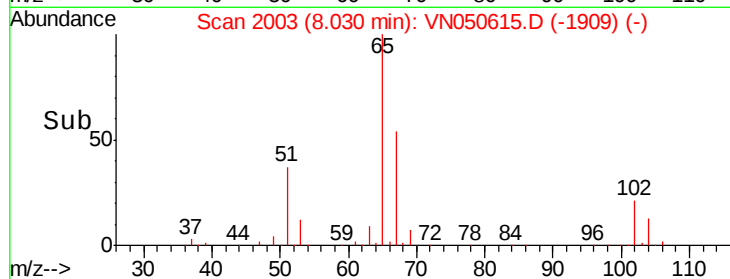
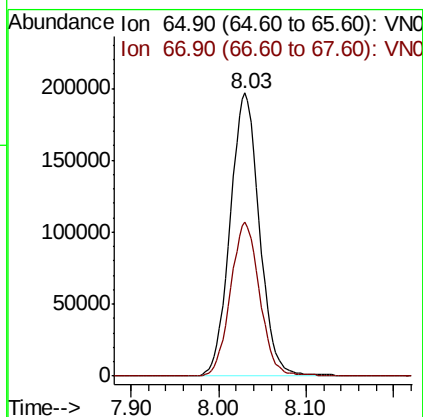
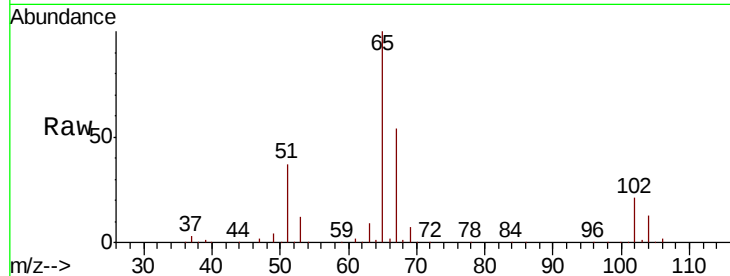




#33
 1,2-Dichloroethane-d4
 Concen: 53.30 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050615.D
 Acq: 14 Aug 2018 20:32

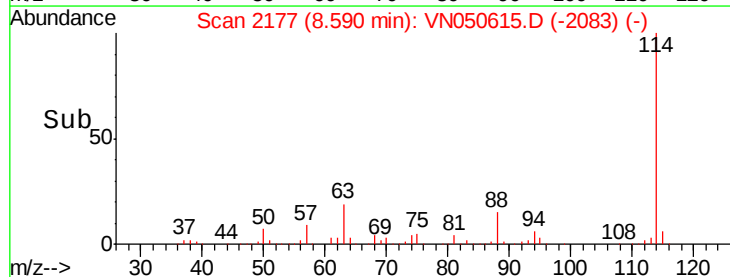
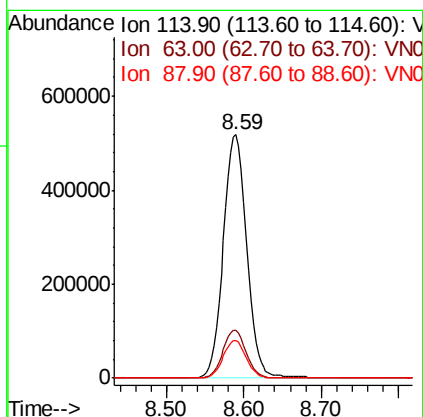
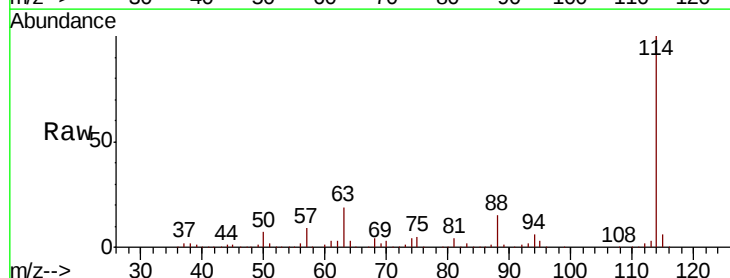
Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)

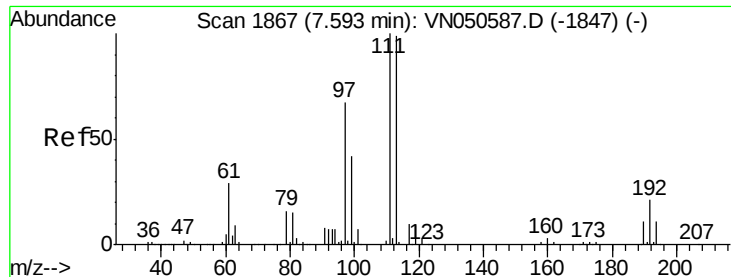
Tot Ion: 65 Resp: 457048
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050615.D
 Acq: 14 Aug 2018 20:32

Tgt Ion: 114 Resp: 1090966
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.4 0.0 30.8

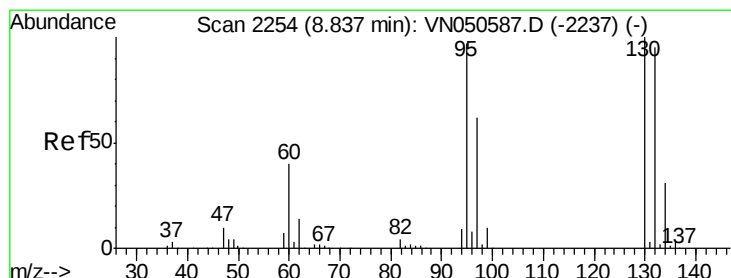
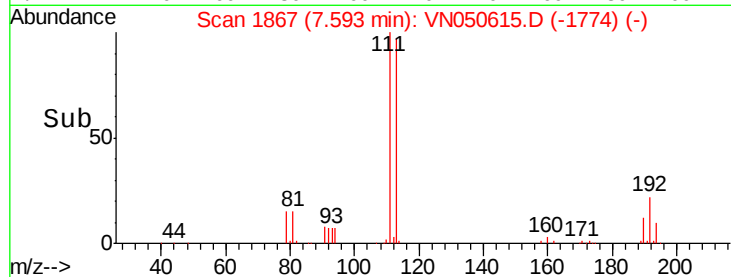
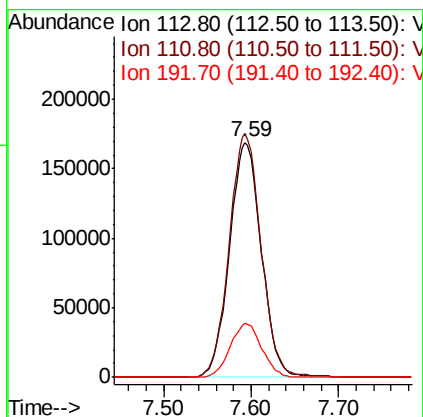
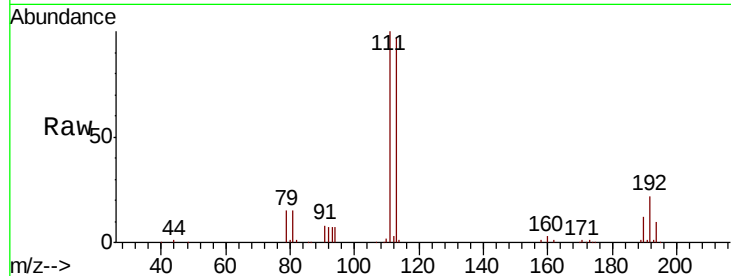




#35
 Dibromofluoromethane
 Concen: 48.92 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050615.D
 Acq: 14 Aug 2018 20:32

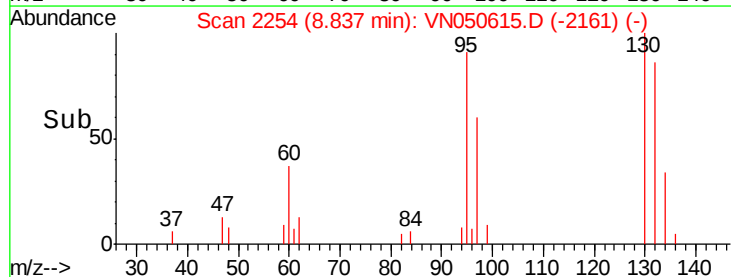
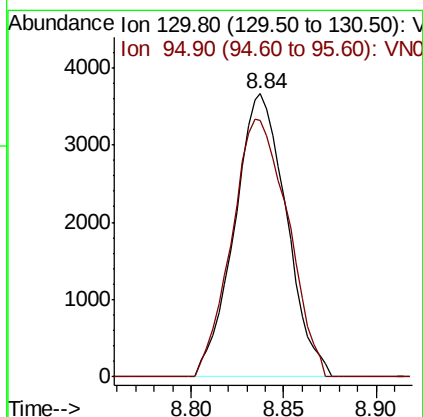
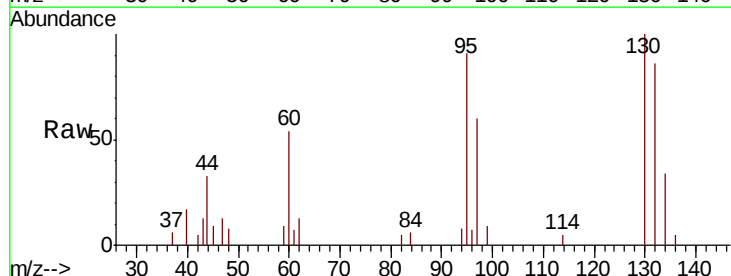
Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)

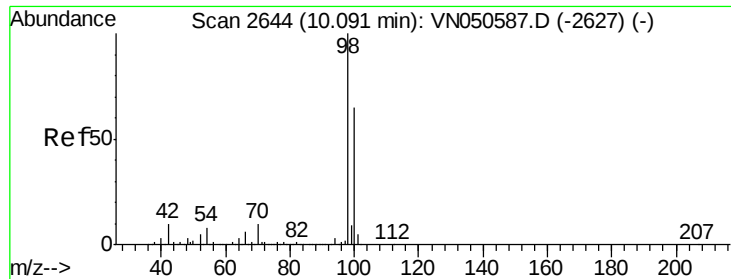
Tot Ion:113 Resp: 426082
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.0 121.6
 192 22.8 17.6 26.4



#44
 Trichloroethene
 Concen: 0.72 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN050615.D
 Acq: 14 Aug 2018 20:32

Tgt Ion:130 Resp: 7105
 Ion Ratio Lower Upper
 130 100
 95 90.7 0.0 193.8

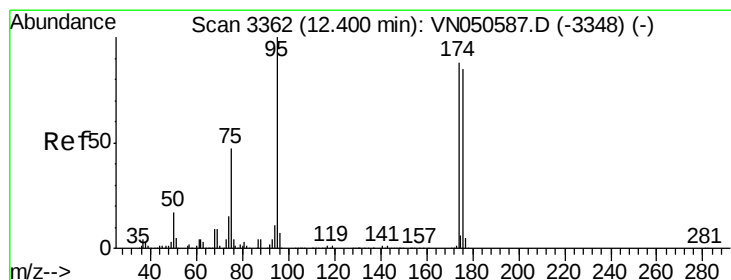
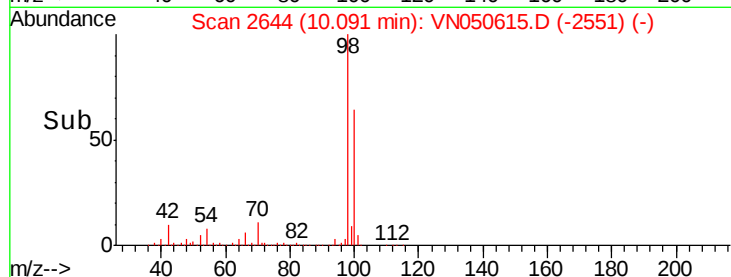
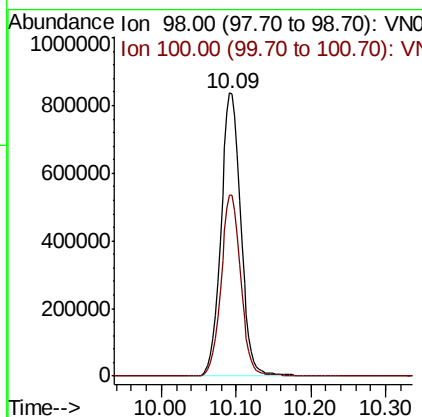
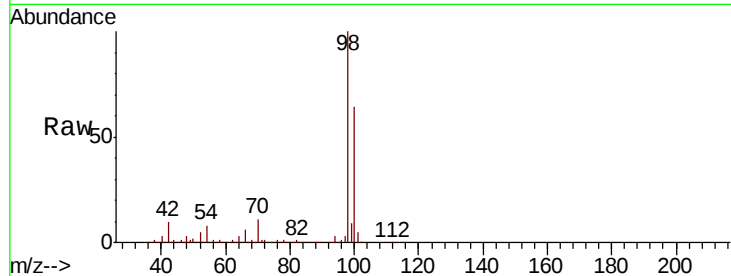




#50
Toluene-d8
Concen: 46.81 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050615.D
Acq: 14 Aug 2018 20:32

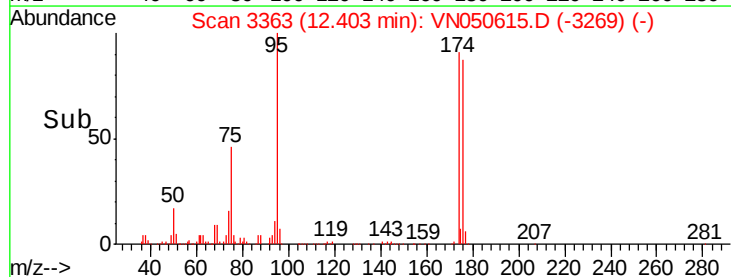
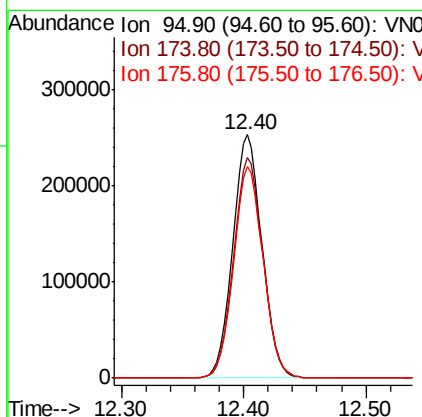
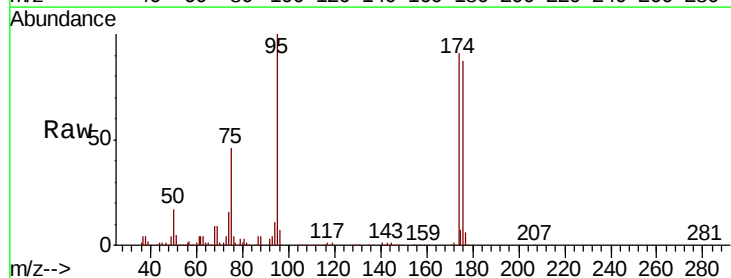
Instrument :
MSVOA_N
ClientSampleId :
944-MW-05(17)

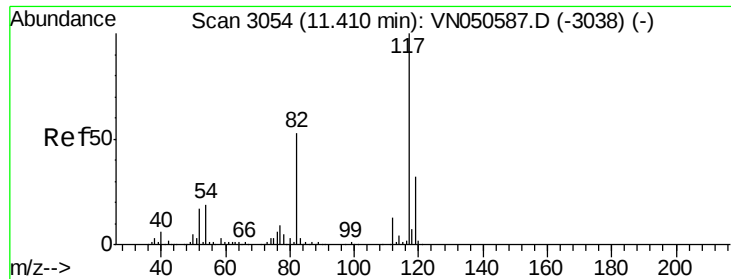
Tot Ion: 98 Resp: 1534498
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 38.72 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050615.D
Acq: 14 Aug 2018 20:32

Tgt Ion: 95 Resp: 419345
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.8
176 88.0 0.0 175.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050615.D

Acq: 14 Aug 2018 20:32

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)

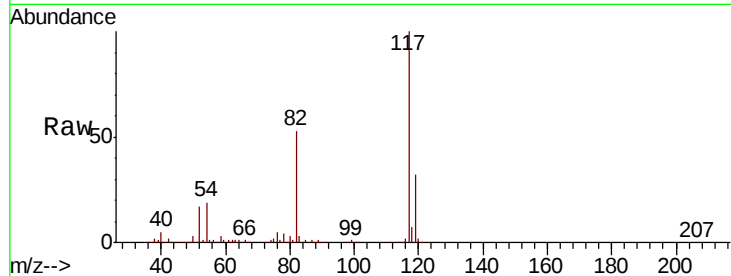
Tot Ion:117 Resp: 944079

Ion Ratio Lower Upper

117 100

82 53.1 42.4 63.6

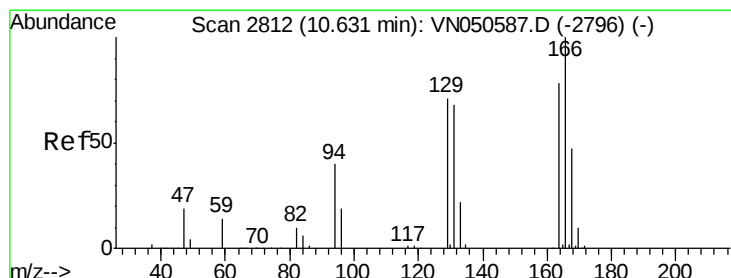
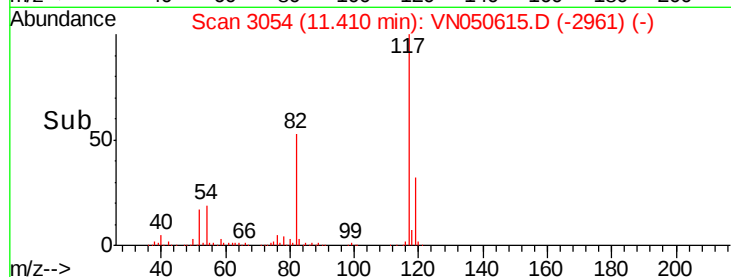
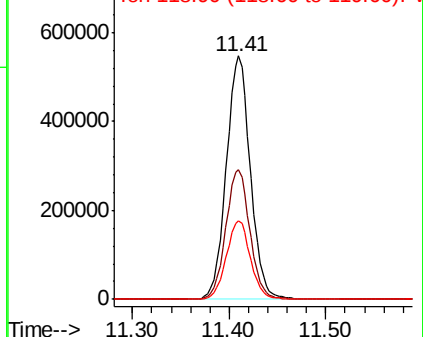
119 32.4 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 42.19 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. 0.00 min

Lab File: VN050615.D

Acq: 14 Aug 2018 20:32

Tgt Ion:164 Resp: 369866

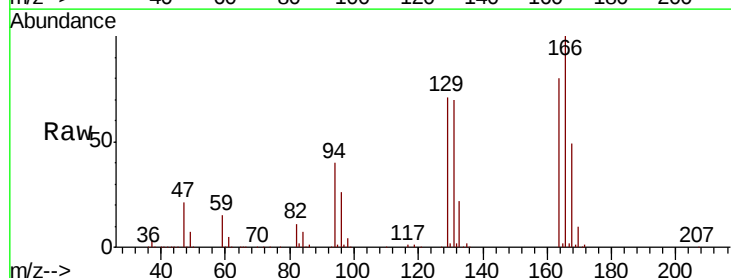
Ion Ratio Lower Upper

164 100

166 125.8 102.1 153.1

129 89.1 72.7 109.1

131 87.6 69.9 104.9

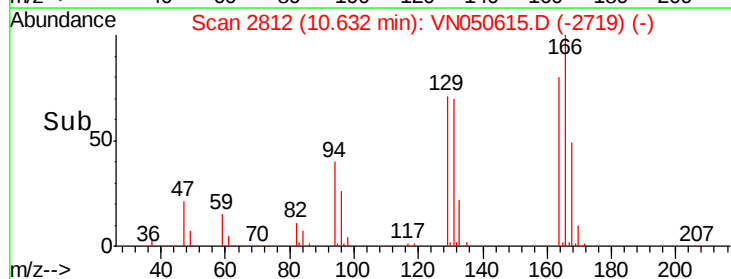
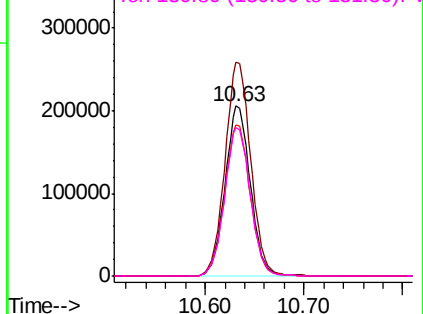


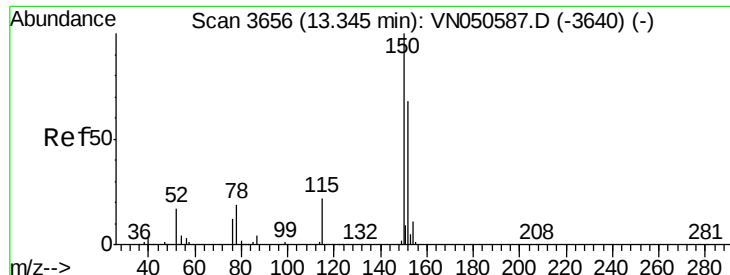
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050615.D

Acq: 14 Aug 2018 20:32

Instrument :

MSVOA_N

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944-MW-05(17)

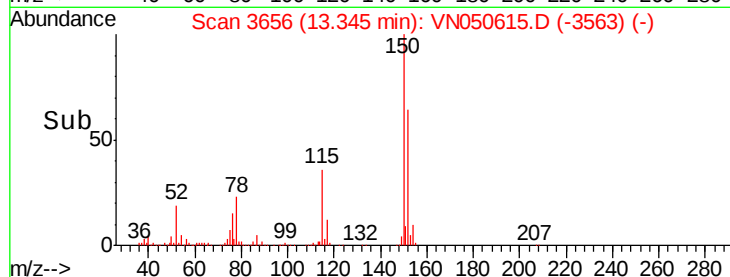
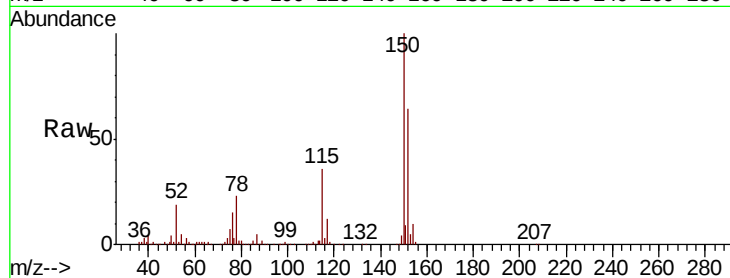
Tot Ion:152 Resp: 344865

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.2

150 155.5 0.0 347.8



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

