

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050647.D
 Acq On : 15 Aug 2018 11:56
 Operator : MD\SY
 Sample : J4465-03DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 942-MW-03A(17)DL

Quant Time: Aug 16 02:24:07 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

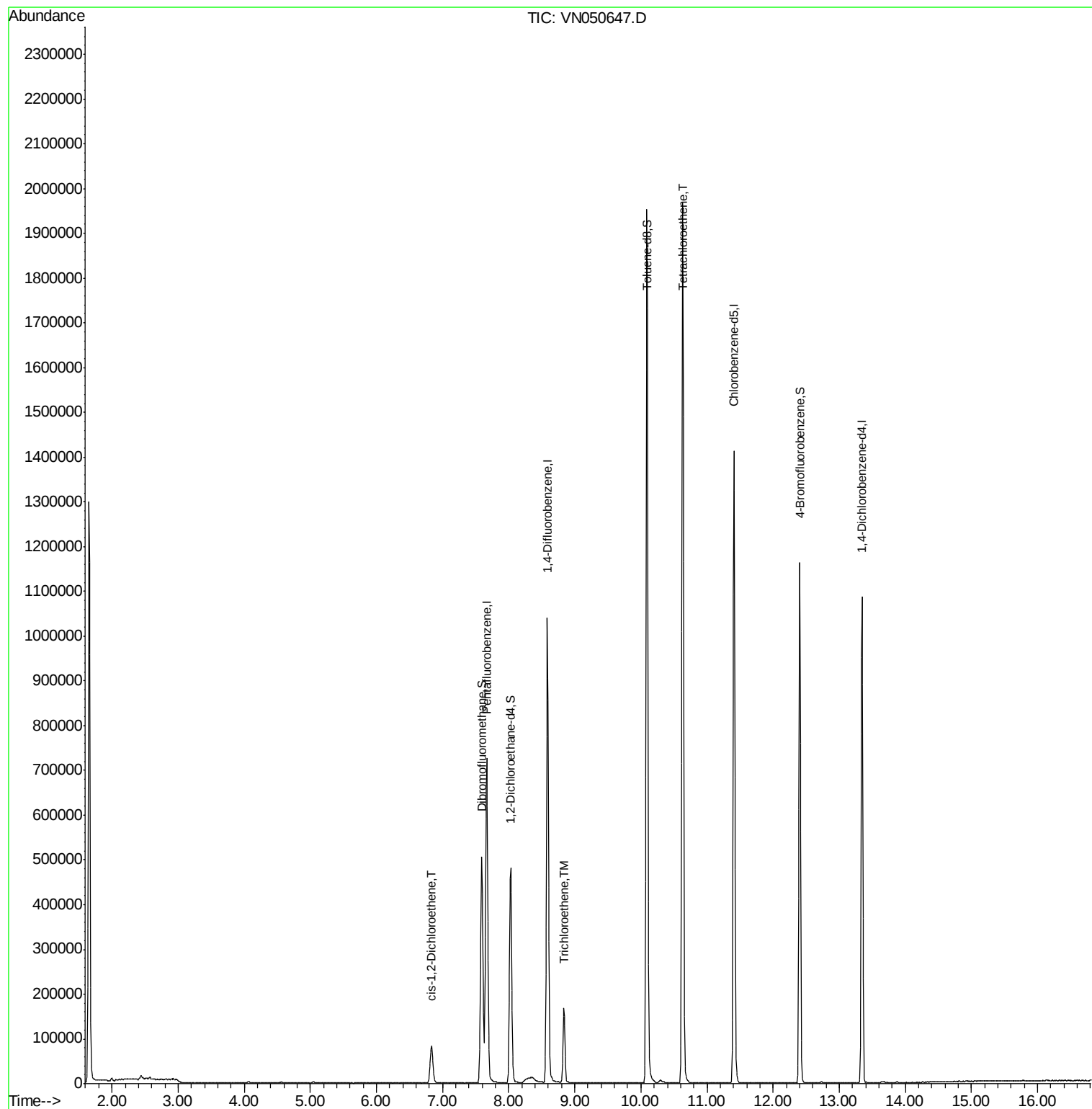
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	974785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	881701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	314670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	411319	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
35) Dibromofluoromethane	7.59	113	392243	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
50) Toluene-d8	10.09	98	1398892	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	12.40	95	393637	40.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.36%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.83	96	55548	6.75	ug/l	93
44) Trichloroethene	8.84	130	64048	7.24	ug/l	98
64) Tetrachloroethene	10.63	164	498359	60.86	ug/l	100

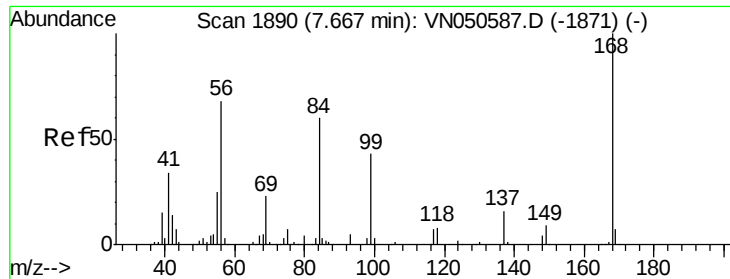
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050647.D

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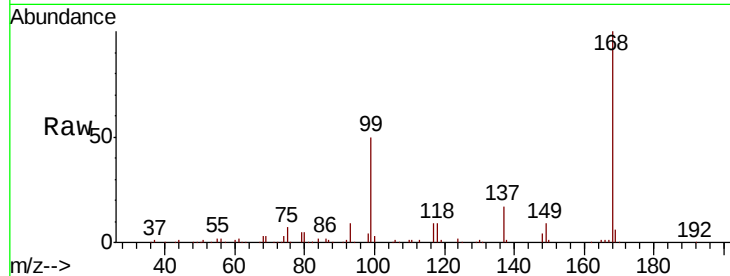
Instrument :
MSVOA_N
ClientSampleId :
942-MW-03A(17)DL

Tot Ion:168 Resp: 628209

Ion Ratio Lower Upper

168 100

99 50.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

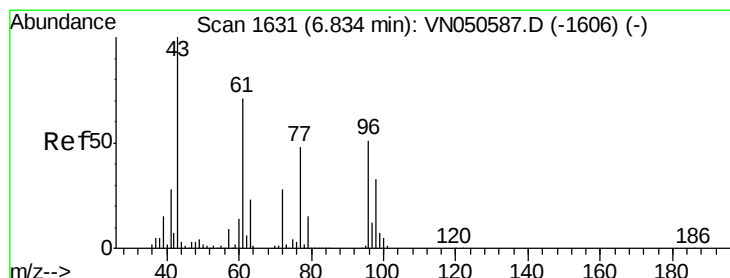
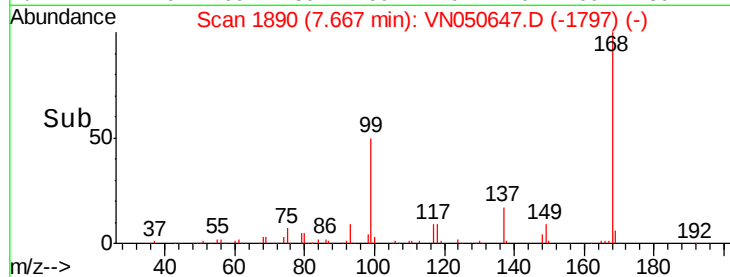
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 6.75 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050647.D

Acq: 15 Aug 2018 11:56

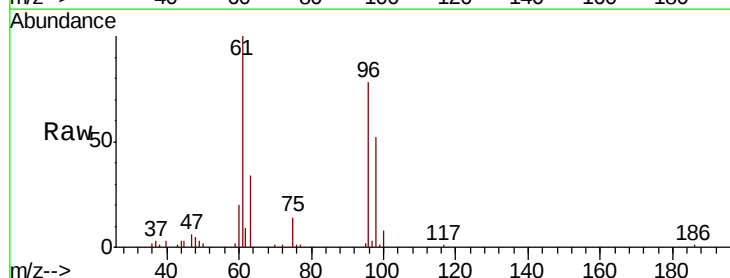
Tgt Ion: 96 Resp: 55548

Ion Ratio Lower Upper

96 100

61 126.4 0.0 278.2

98 64.1 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

30000

25000

20000

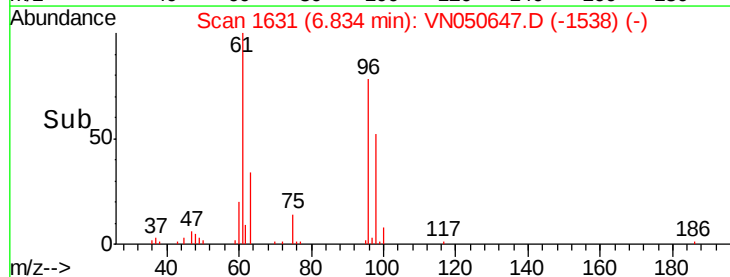
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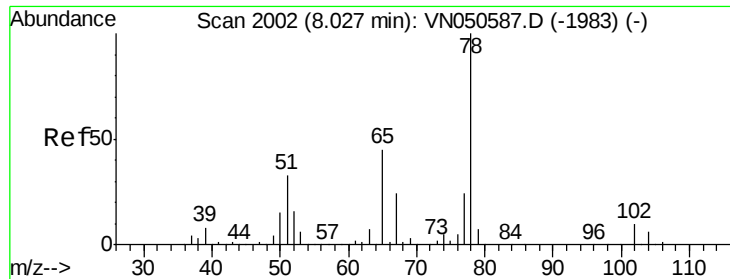
10000

5000

0

Time-->

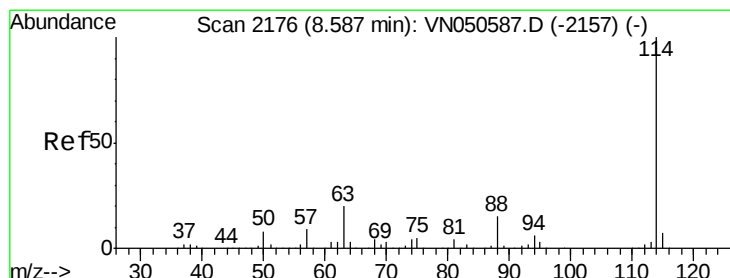
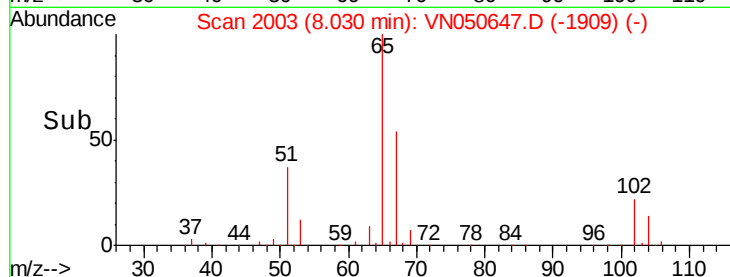
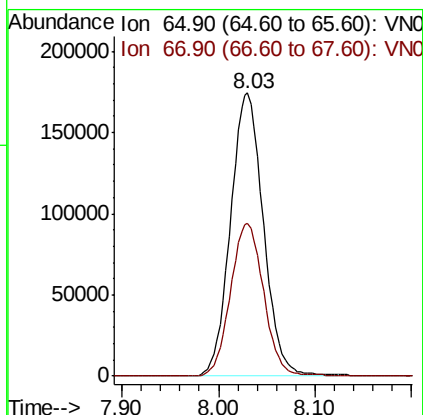
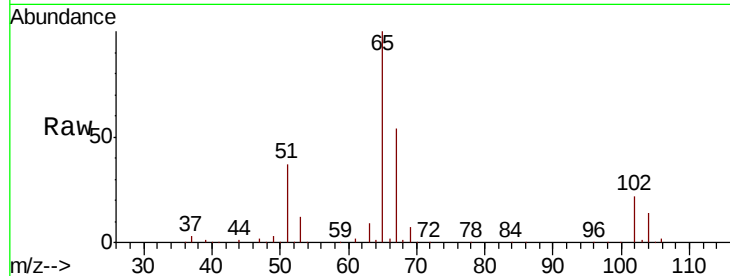




#33
 1,2-Dichloroethane-d4
 Concen: 51.94 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050647.D
 Acq: 15 Aug 2018 11:56

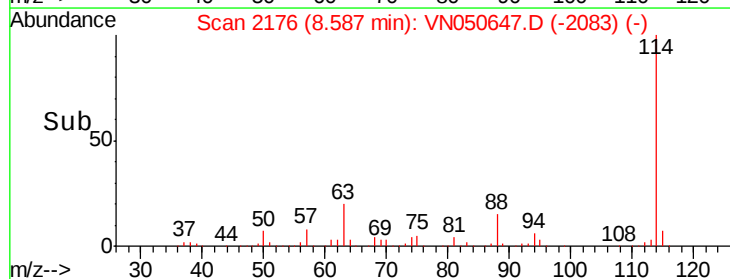
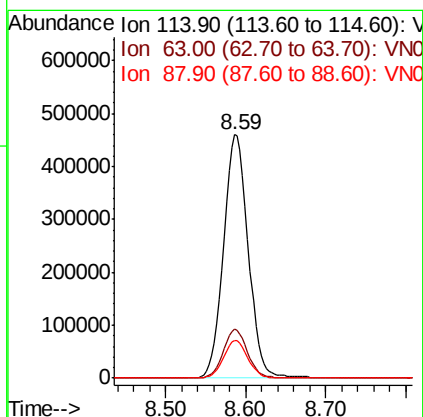
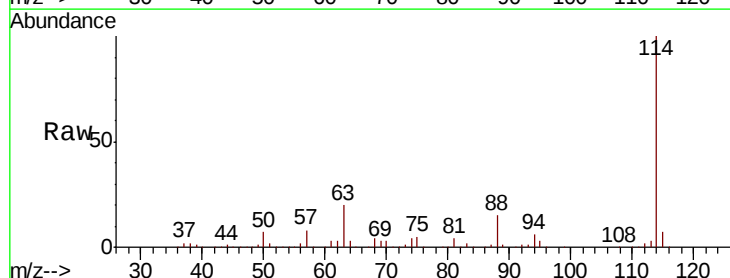
Instrument :
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 942-MW-03A(17)DL

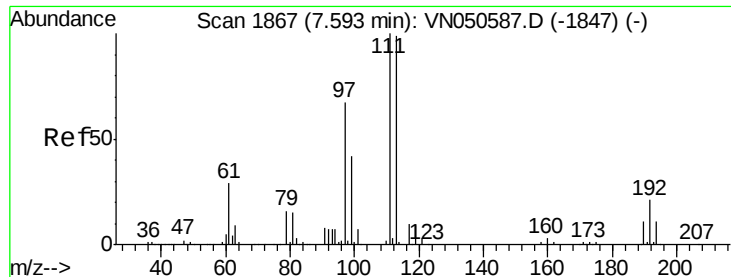
Tot Ion: 65 Resp: 411319
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050647.D
 Acq: 15 Aug 2018 11:56

Tgt Ion: 114 Resp: 974785
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.5 0.0 30.8

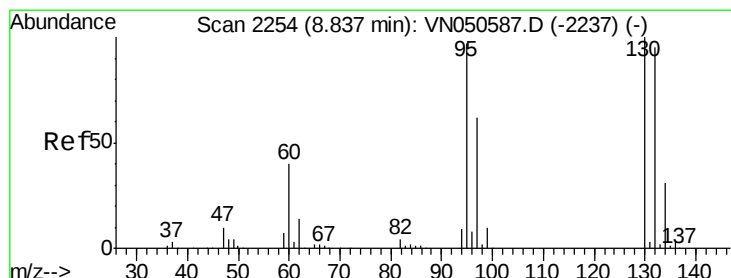
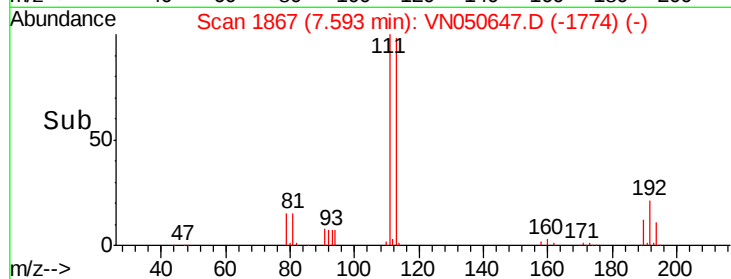
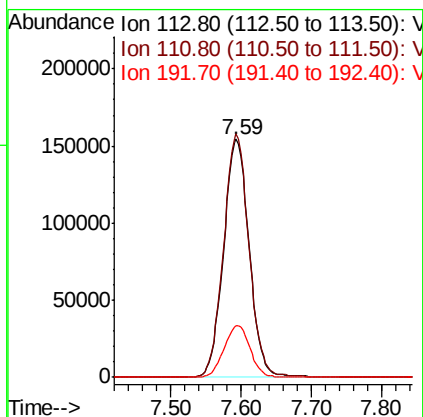
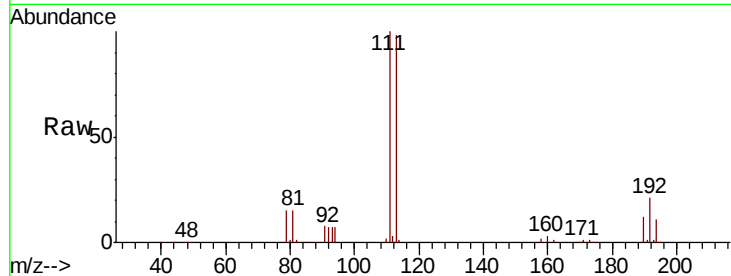




#35
Dibromofluoromethane
Concen: 50.40 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050647.D
Acq: 15 Aug 2018 11:56

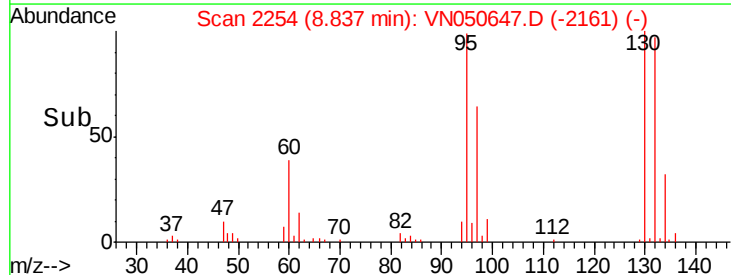
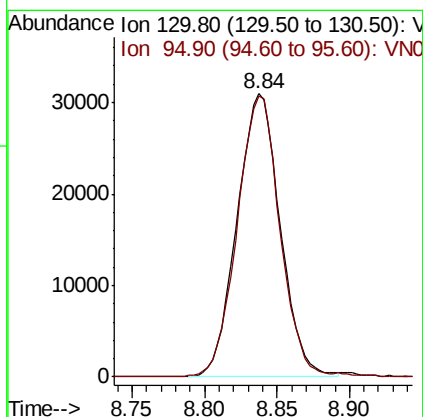
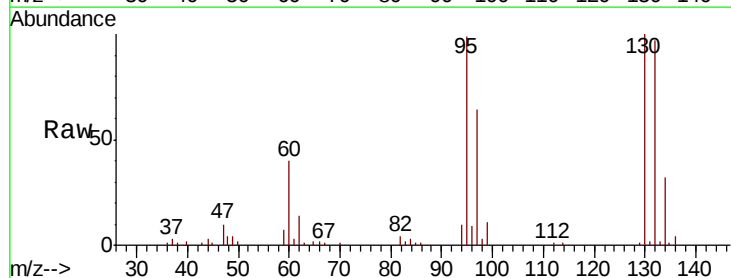
Instrument :
MSVOA_N
ClientSampleId :
942-MW-03A(17)DL

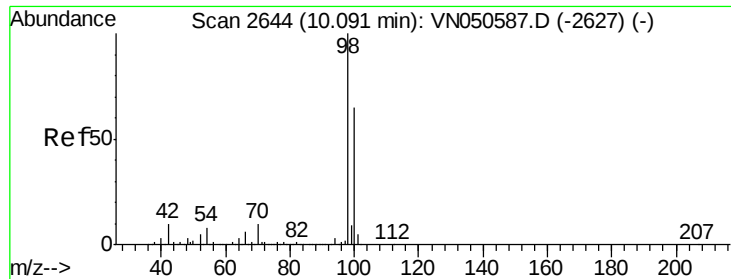
Tot Ion:113 Resp: 392243
Ion Ratio Lower Upper
113 100
111 101.4 81.0 121.6
192 22.2 17.6 26.4



#44
Trichloroethene
Concen: 7.24 ug/l
RT: 8.84 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VN050647.D
Acq: 15 Aug 2018 11:56

Tgt Ion:130 Resp: 64048
Ion Ratio Lower Upper
130 100
95 98.5 0.0 193.8





#50

Toluene-d8

Concen: 47.76 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050647.D

Acq: 15 Aug 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

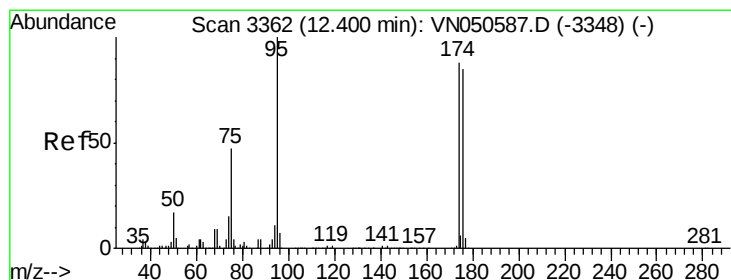
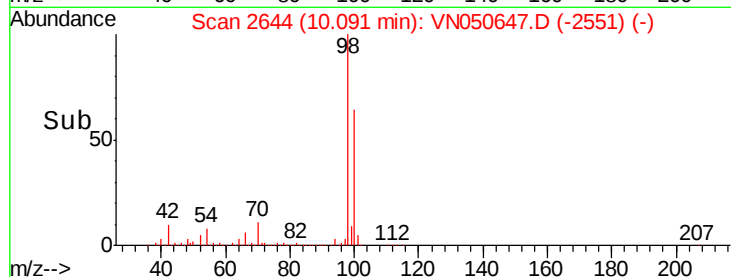
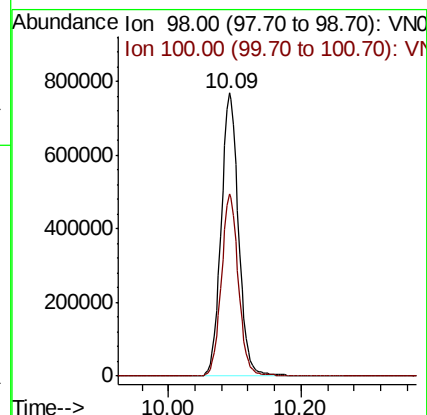
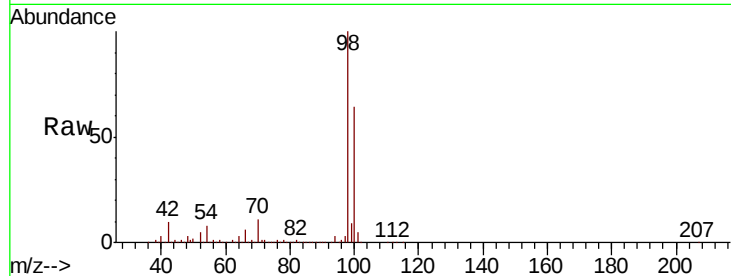
942-MW-03A(17)DL

Tot Ion: 98 Resp: 1398892

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 40.68 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050647.D

Acq: 15 Aug 2018 11:56

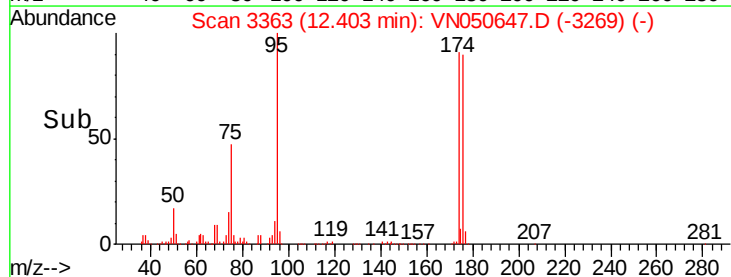
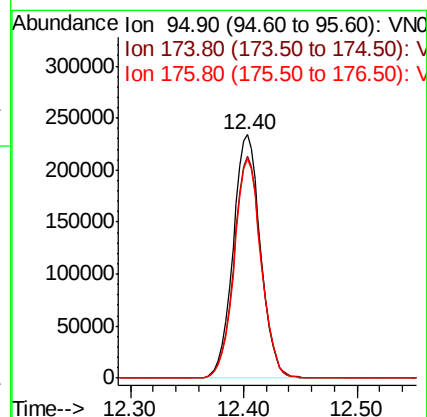
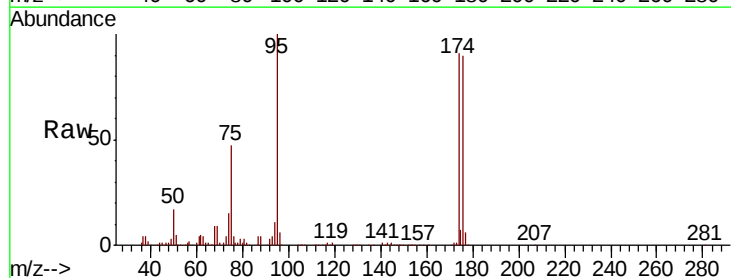
Tgt Ion: 95 Resp: 393637

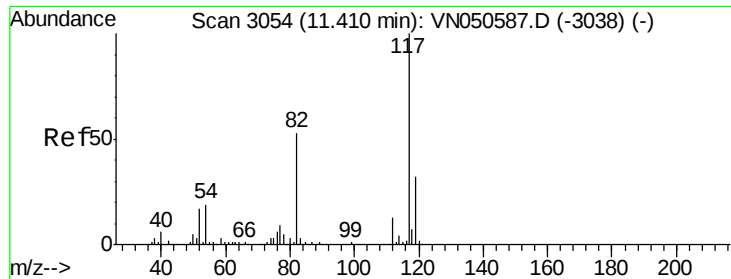
Ion Ratio Lower Upper

95 100

174 90.8 0.0 177.8

176 88.3 0.0 175.0

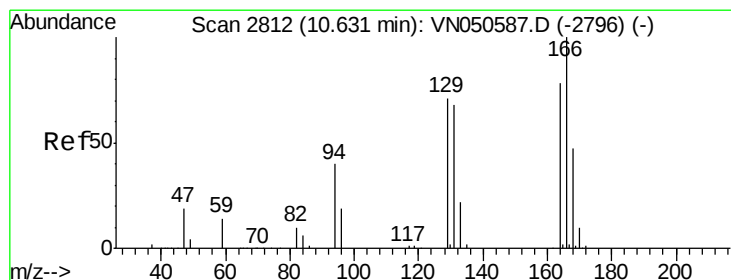
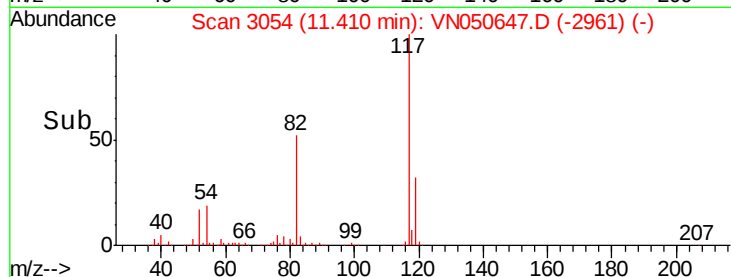
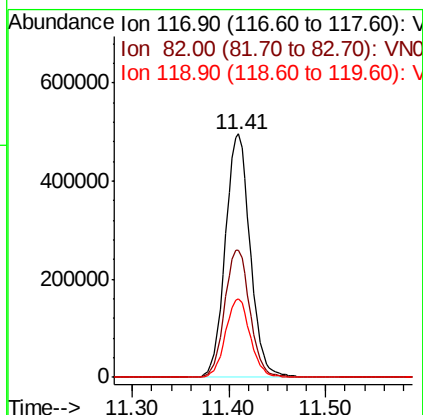
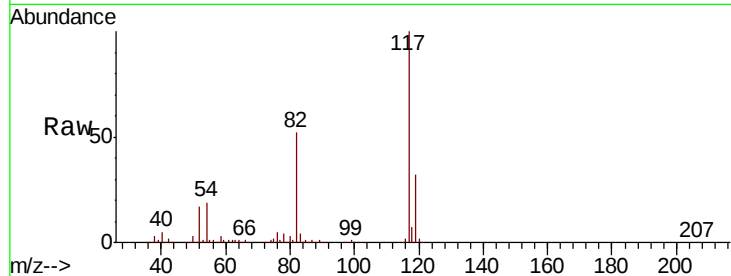




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050647.D
Acq: 15 Aug 2018 11:56

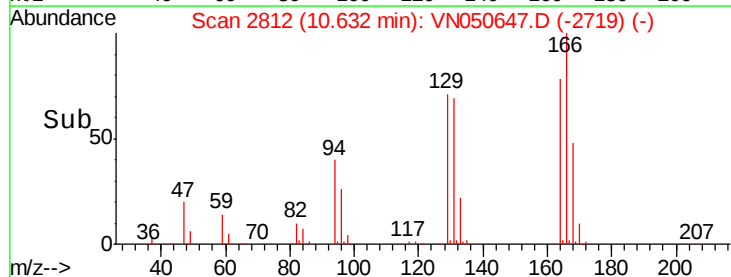
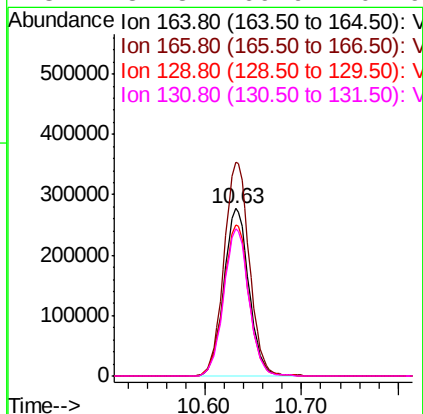
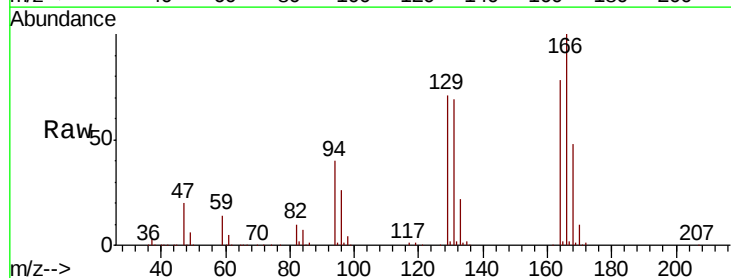
Instrument :
MSVOA_N
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942-MW-03A(17)DL

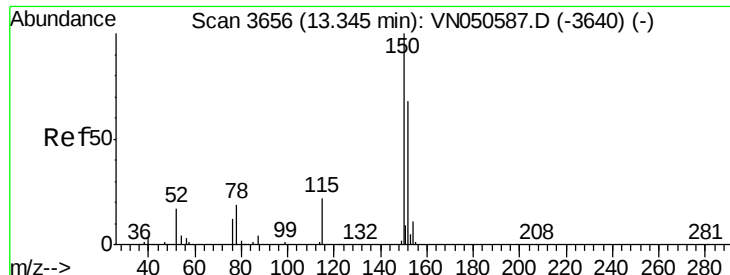
Tot Ion:117 Resp: 881701
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 60.86 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050647.D
Acq: 15 Aug 2018 11:56

Tgt Ion:164 Resp: 498359
Ion Ratio Lower Upper
164 100
166 127.7 102.1 153.1
129 90.2 72.7 109.1
131 87.8 69.9 104.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050647.D

Acq: 15 Aug 2018 11:56

Instrument :

MSVOA_N

ClientSampleId :

942-MW-03A(17)DL

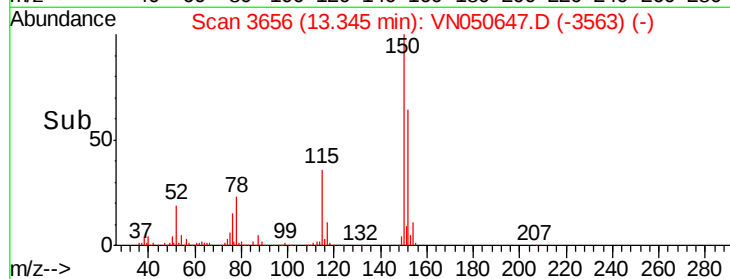
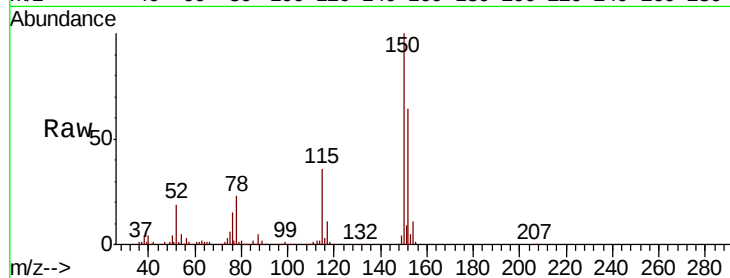
Tot Ion:152 Resp: 314670

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

150 155.9 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

