

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050630.D
 Acq On : 15 Aug 2018 3:31
 Operator : MD\SY
 Sample : J4465-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 949-MW-16(22.5)

Quant Time: Aug 15 14:31:00 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

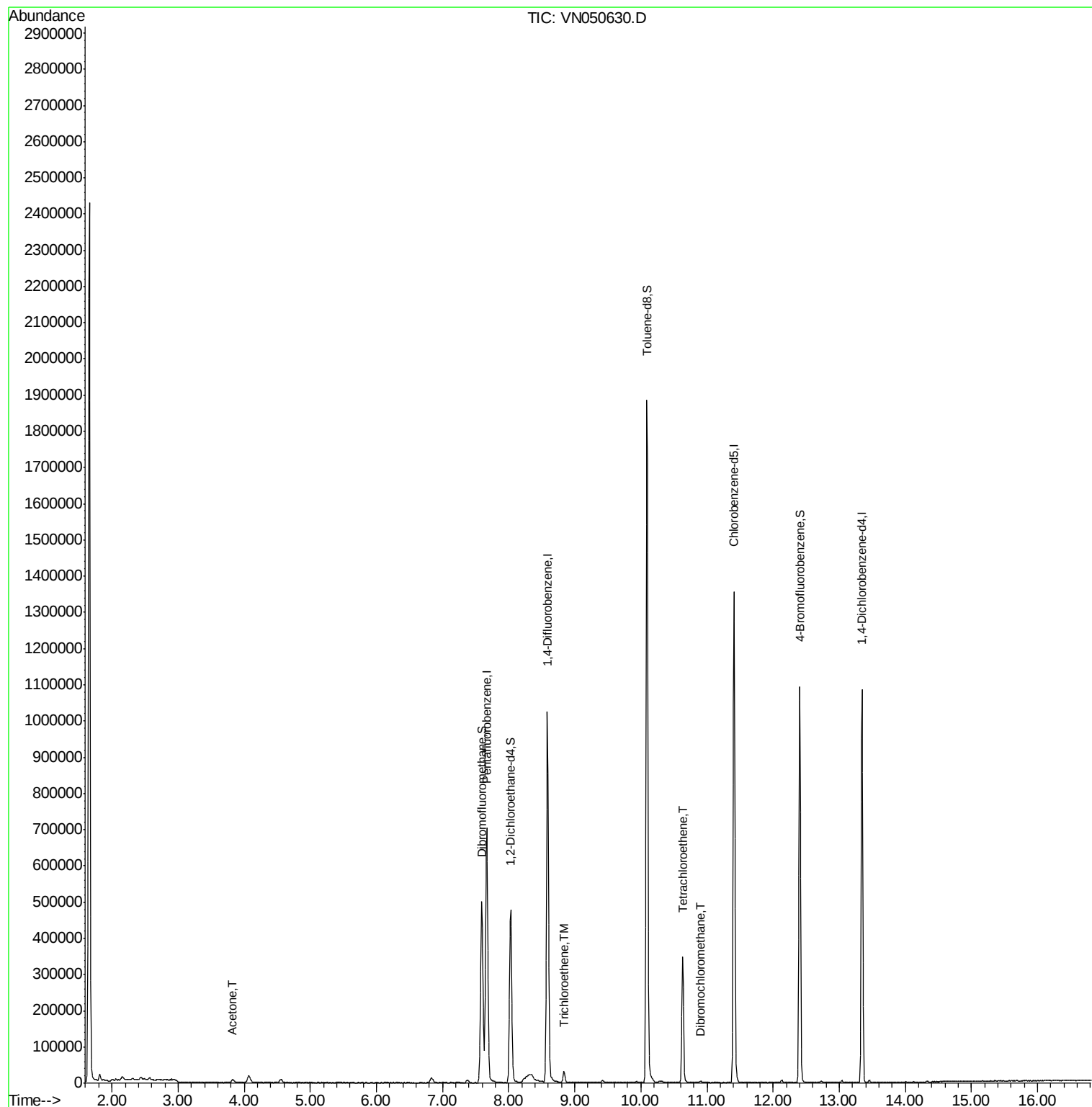
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	611035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	960396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	854183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	307474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	407226	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
35) Dibromofluoromethane	7.59	113	385479	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	10.09	98	1367365	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	12.40	95	375449	39.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.76%	
Target Compounds						
16) Acetone	3.82	43	15733	6.77	ug/l	92
44) Trichloroethene	8.84	130	11351	1.30	ug/l	96
60) Dibromochloromethane	10.90	129	2914	0.36	ug/l	98
64) Tetrachloroethene	10.63	164	88516	11.16	ug/l	98

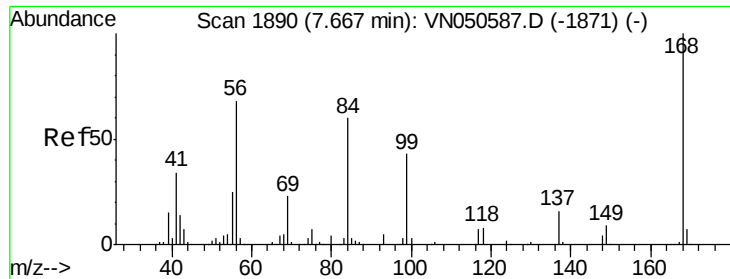
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050630.D

Acq: 15 Aug 2018 3:31

Instrument :

MSVOA_N

ClientSampleId :

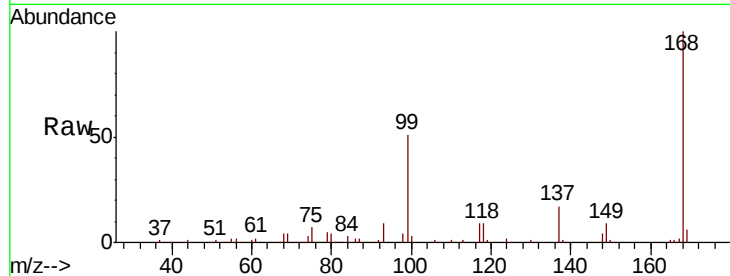
949-MW-16(22.5)

Tot Ion:168 Resp: 611035

Ion Ratio Lower Upper

168 100

99 50.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

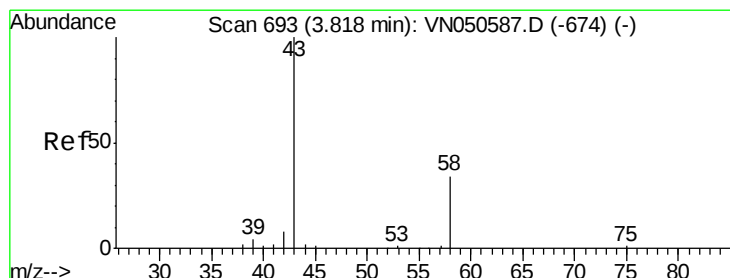
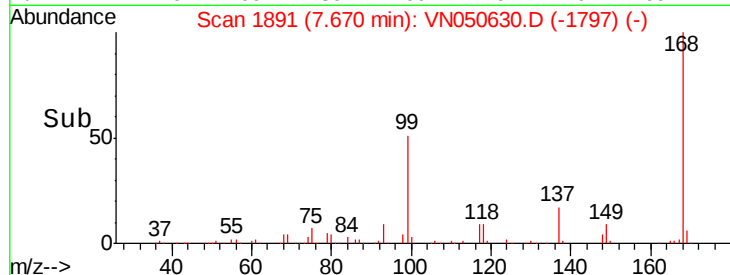
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 6.77 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050630.D

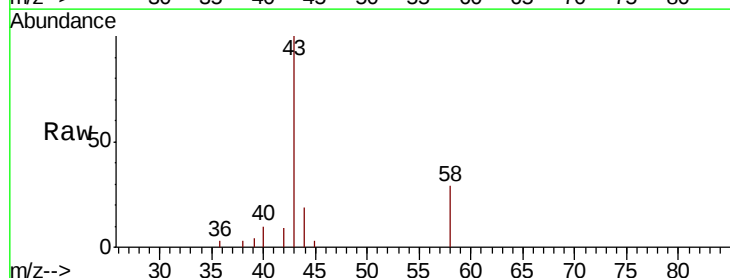
Acq: 15 Aug 2018 3:31

Tgt Ion: 43 Resp: 15733

Ion Ratio Lower Upper

43 100

58 29.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

6000

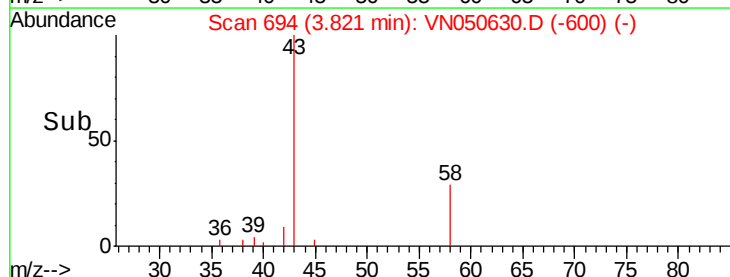
4000

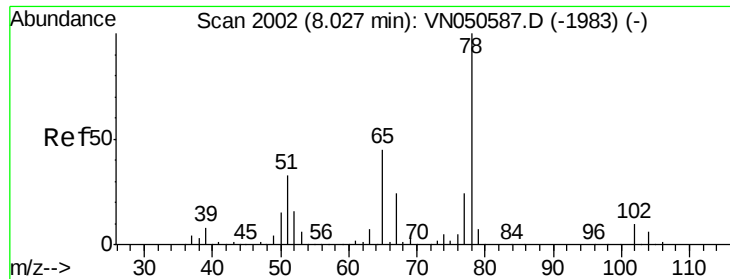
2000

0

Time-->

3.75 3.80 3.85 3.90

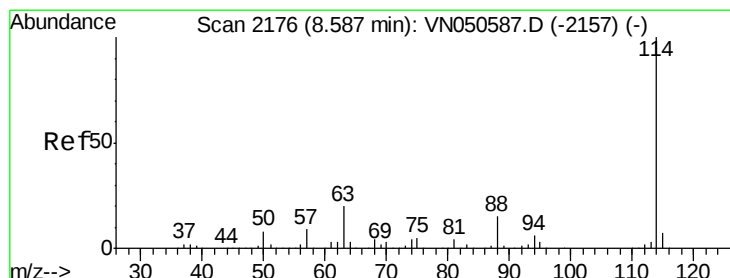
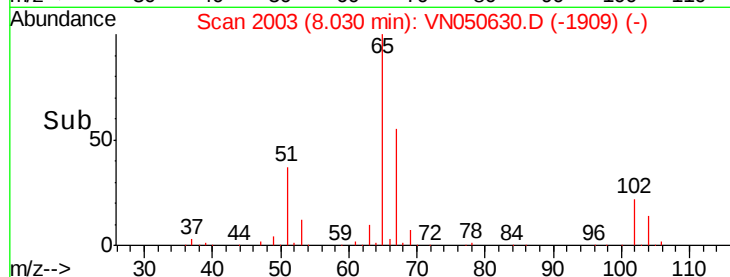
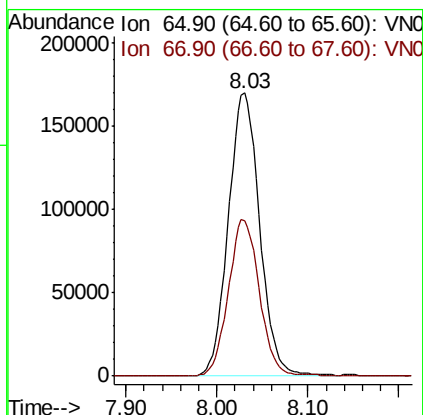
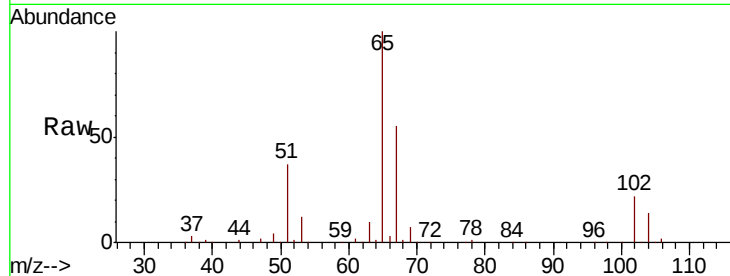




#33
 1,2-Dichloroethane-d4
 Concen: 52.87 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050630.D
 Acq: 15 Aug 2018 3:31

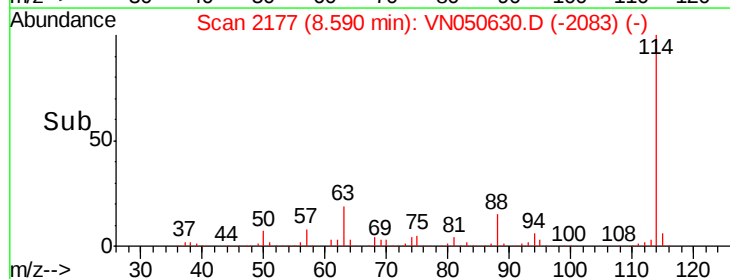
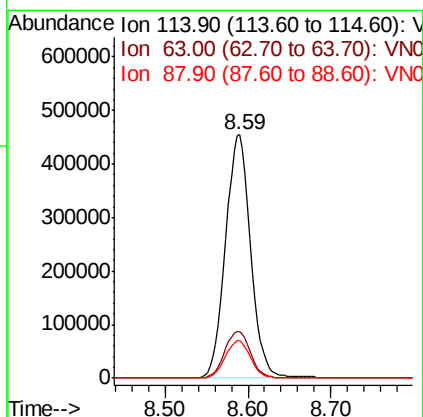
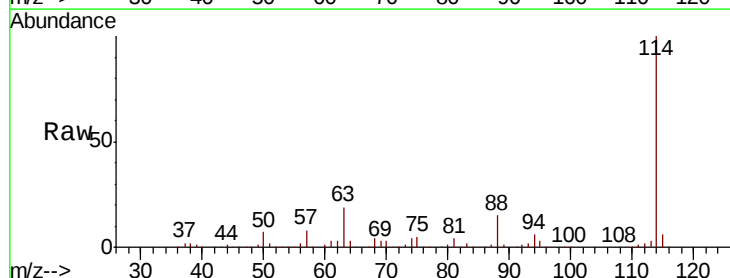
Instrument :
 MSVOA_N
 ClientSampleId :
 949-MW-16(22.5)

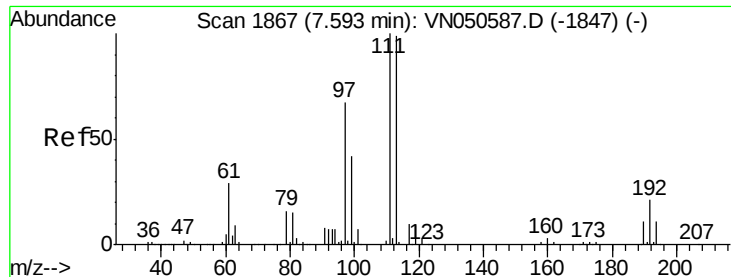
Tot Ion: 65 Resp: 407226
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050630.D
 Acq: 15 Aug 2018 3:31

Tgt Ion: 114 Resp: 960396
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 15.2 0.0 30.8

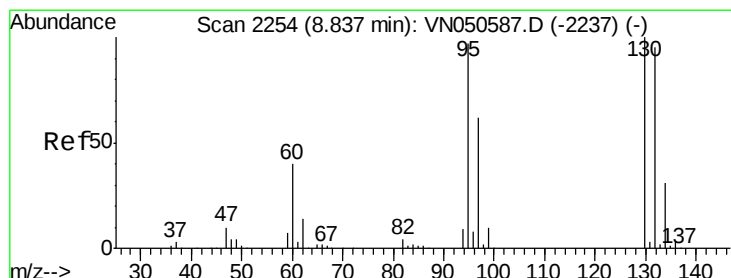
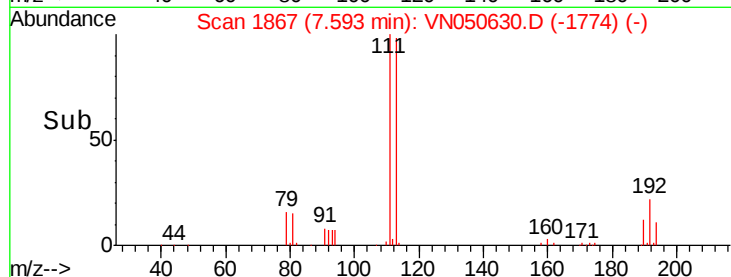
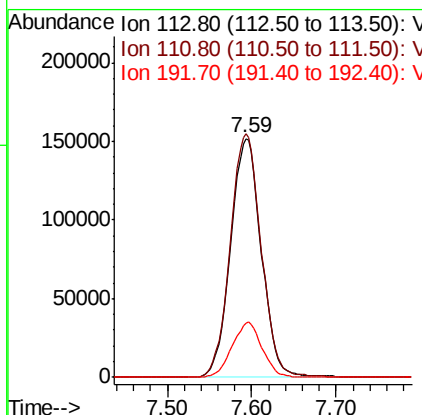
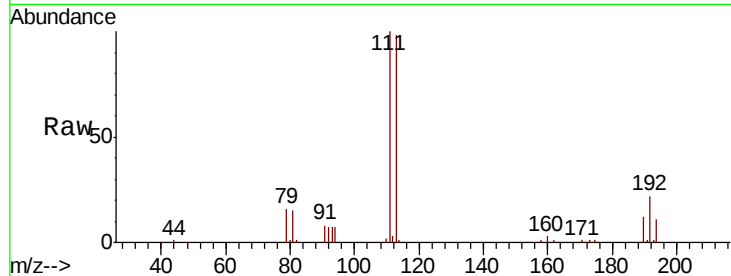




#35
 Dibromofluoromethane
 Concen: 50.27 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050630.D
 Acq: 15 Aug 2018 3:31

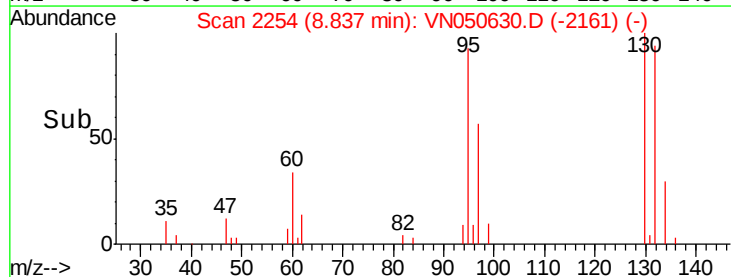
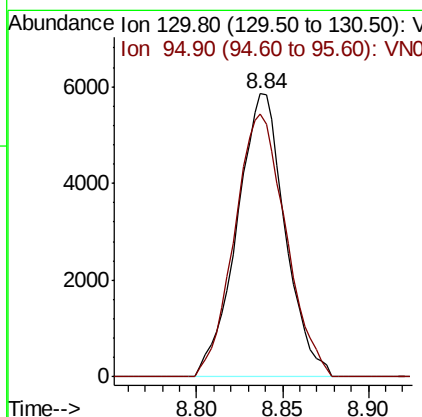
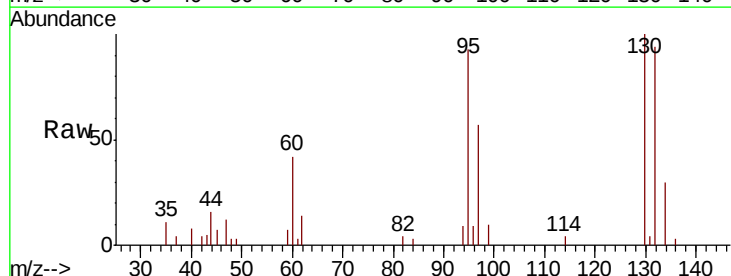
Instrument :
 MSVOA_N
 ClientSampleId :
 949-MW-16(22.5)

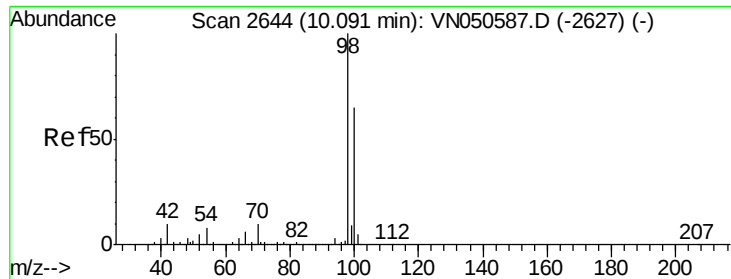
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.0	121.6
192	22.7	17.6	26.4



#44
 Trichloroethene
 Concen: 1.30 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VN050630.D
 Acq: 15 Aug 2018 3:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	193.8





#50

Toluene-d8

Concen: 47.38 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050630.D

Acq: 15 Aug 2018 3:31

Instrument :

MSVOA_N

ClientSampleId :

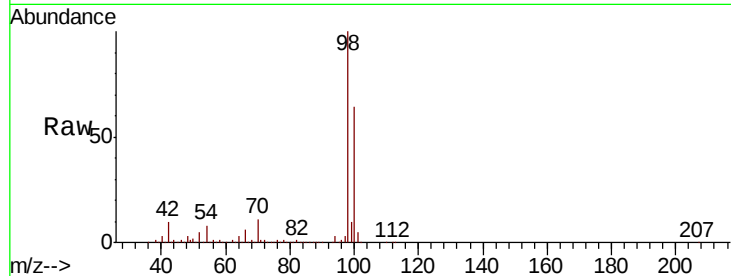
949-MW-16(22.5)

Tot Ion: 98 Resp: 1367365

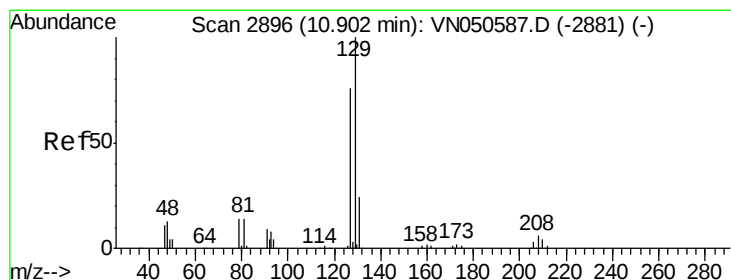
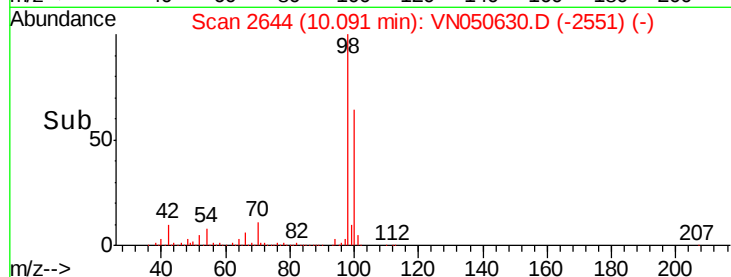
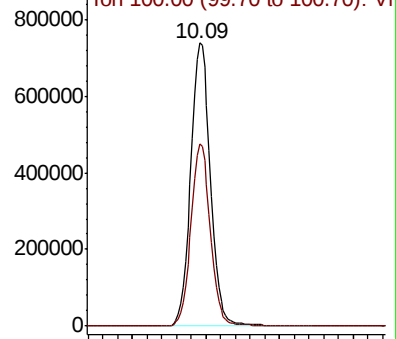
Ion Ratio Lower Upper

98 100

100 63.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)



#60

Dibromochloromethane

Concen: 0.36 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN050630.D

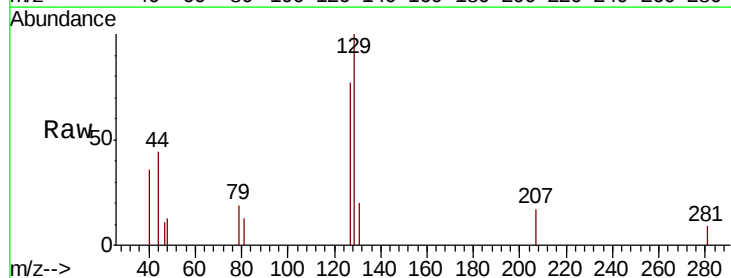
Acq: 15 Aug 2018 3:31

Tgt Ion: 129 Resp: 2914

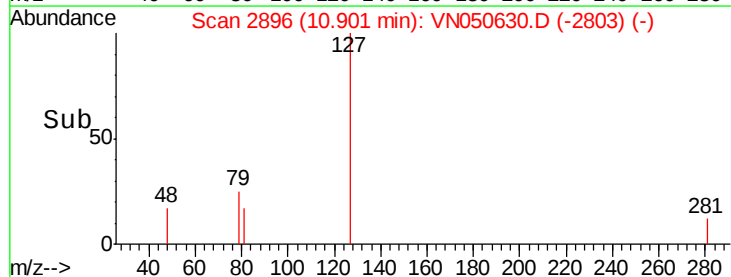
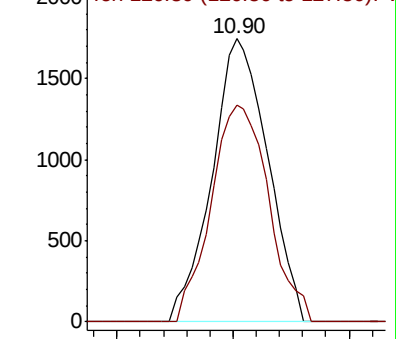
Ion Ratio Lower Upper

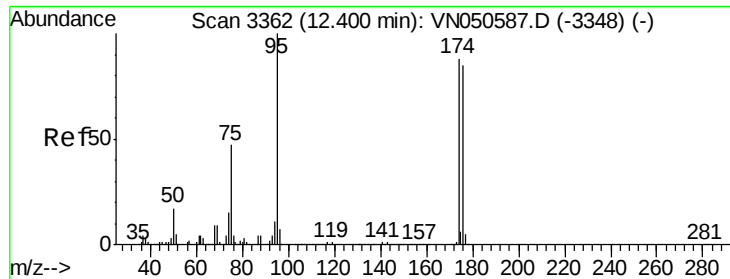
129 100

127 79.3 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): VN050587.D (-2881) (-)





#62

4-Bromofluorobenzene

Concen: 39.38 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050630.D

Acq: 15 Aug 2018 3:31

Instrument :

MSVOA_N

ClientSampleId :

949-MW-16(22.5)

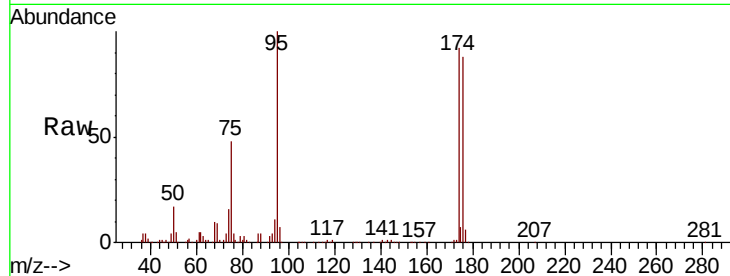
Tot Ion: 95 Resp: 375449

Ion Ratio Lower Upper

95 100

174 91.0 0.0 177.8

176 87.5 0.0 175.0



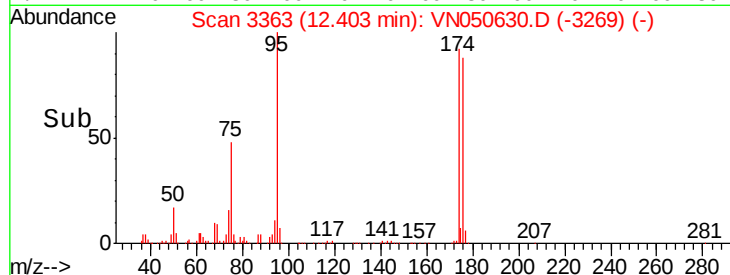
Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)

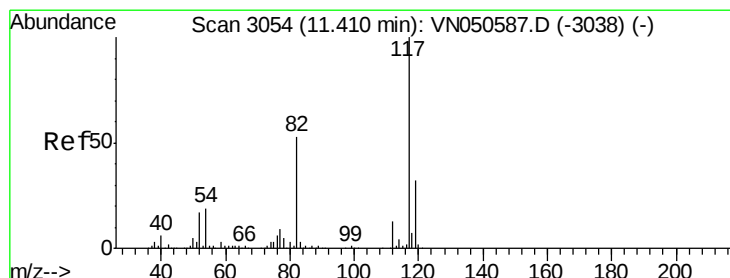
Time-->

12.30 12.40 12.50



Time-->

12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050630.D

Acq: 15 Aug 2018 3:31

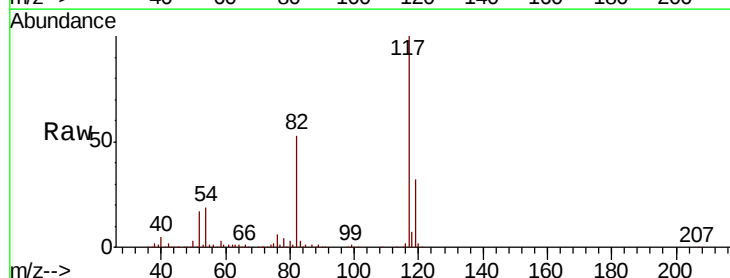
Tgt Ion: 117 Resp: 854183

Ion Ratio Lower Upper

117 100

82 52.6 42.4 63.6

119 32.1 25.8 38.8



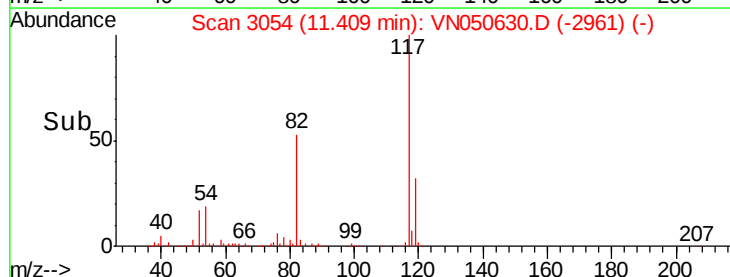
Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050587.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050587.D (-3038) (-)

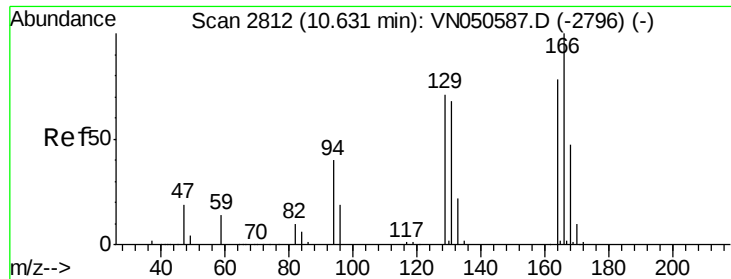
Time-->

11.30 11.40 11.50



Time-->

11.30 11.40 11.50



#64

Tetrachloroethene

Concen: 11.16 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN050630.D

Acq: 15 Aug 2018 3:31

Instrument :

MSVOA_N

ClientSampleId :

949-MW-16(22.5)

Tot Ion:164 Resp: 88516

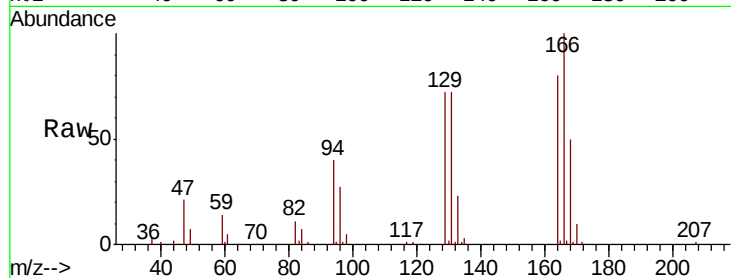
Ion Ratio Lower Upper

164 100

166 125.5 102.1 153.1

129 91.0 72.7 109.1

131 89.9 69.9 104.9

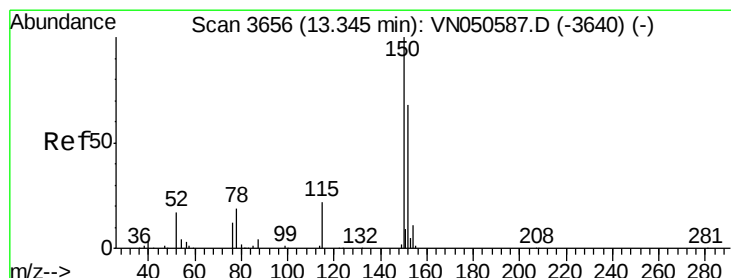
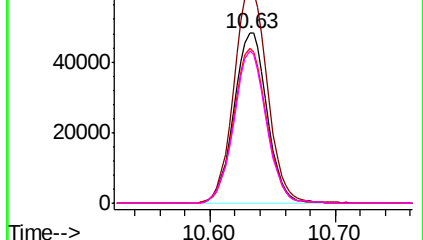
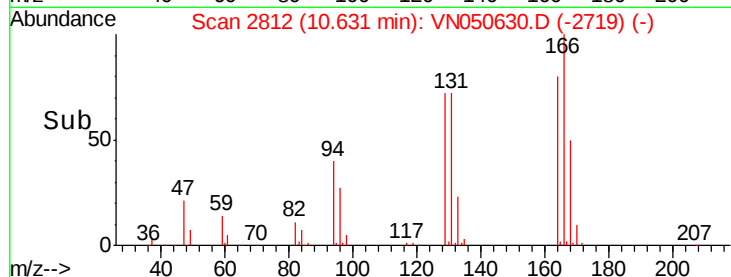


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN050630.D

Acq: 15 Aug 2018 3:31

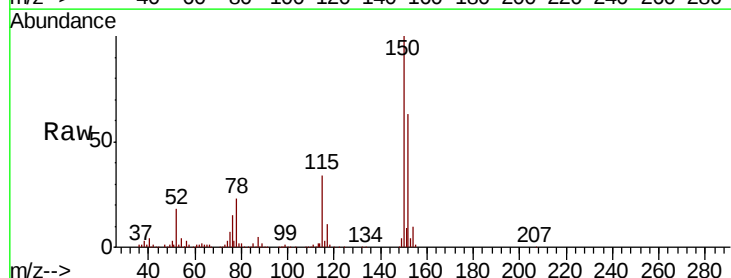
Tgt Ion:152 Resp: 307474

Ion Ratio Lower Upper

152 100

115 55.4 28.1 84.2

150 156.3 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

