

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050611.D
 Acq On : 14 Aug 2018 18:53
 Operator : MD\SY
 Sample : J4469-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 958-IW-15(19)

Quant Time: Aug 15 13:25:46 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	714105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1101270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	940280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	337662	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	455830	50.64	ug/l	0.00
Spiked Amount						
			Recovery	=	101.28%	
35) Dibromofluoromethane	7.59	113	432646	49.21	ug/l	0.00
Spiked Amount						
			Recovery	=	98.42%	
50) Toluene-d8	10.09	98	1520125	45.94	ug/l	0.00
Spiked Amount						
			Recovery	=	91.88%	
62) 4-Bromofluorobenzene	12.40	95	407827	37.31	ug/l	0.00
Spiked Amount						
			Recovery	=	74.62%	

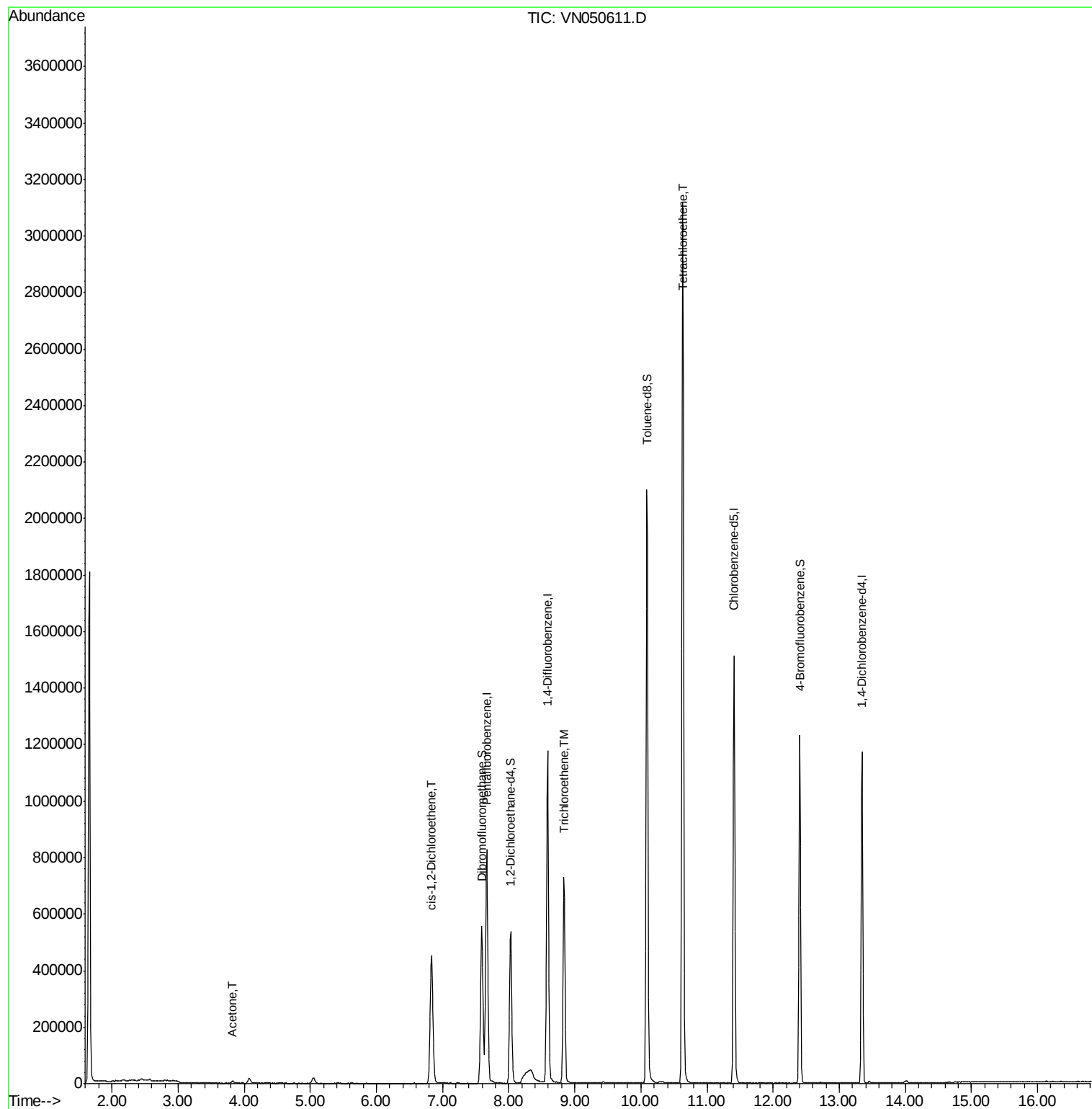
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	13940	4.78	ug/l	92
27) cis-1,2-Dichloroethene	6.83	96	316586	33.84	ug/l	92
44) Trichloroethene	8.84	130	285462	28.57	ug/l	98
64) Tetrachloroethene	10.63	164	782501	89.61	ug/l	99

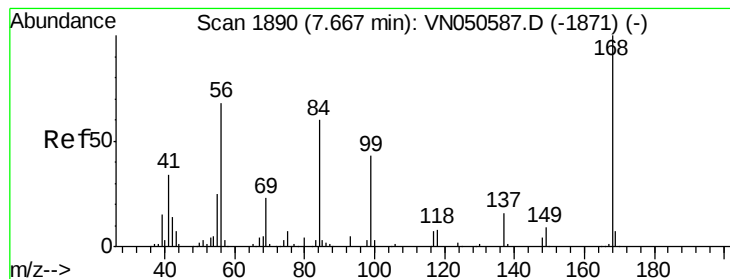
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081418\
Data File : VN050611.D
Acq On : 14 Aug 2018 18:53
Operator : MD\SY
Sample : J4469-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
958-IW-15(19)

Quant Time: Aug 15 13:25:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
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: VN050611.D

Acq: 14 Aug 2018 18:53

Instrument :

MSVOA_N

ClientSampleId :

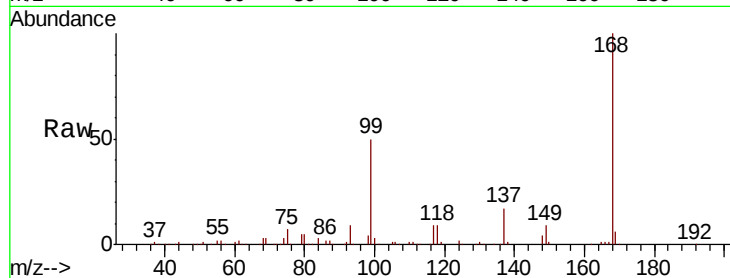
958-IW-15(19)

Tot Ion:168 Resp: 714105

Ion Ratio Lower Upper

168 100

99 50.4 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

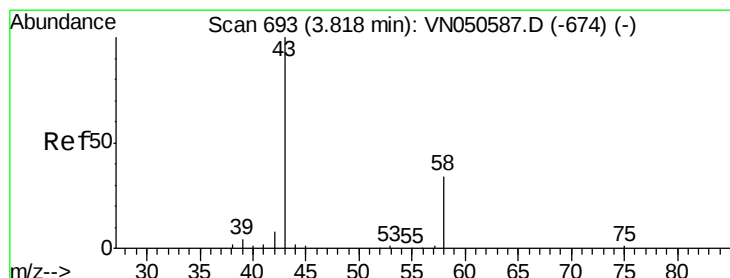
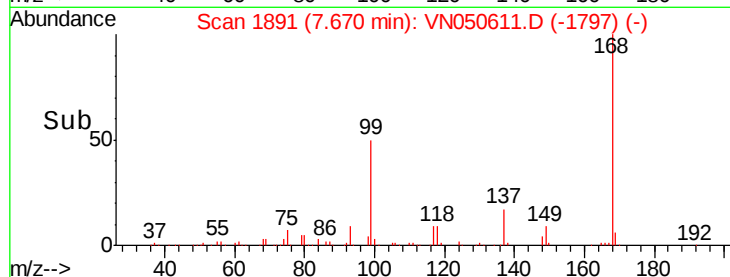
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 4.78 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050611.D

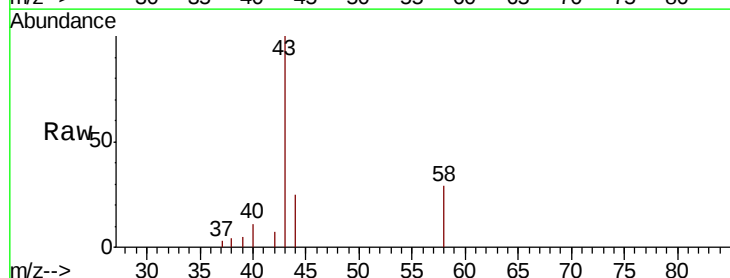
Acq: 14 Aug 2018 18:53

Tgt Ion: 43 Resp: 13940

Ion Ratio Lower Upper

43 100

58 29.0 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

5000

4000

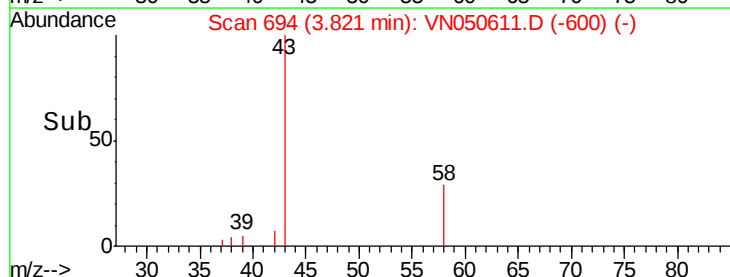
3000

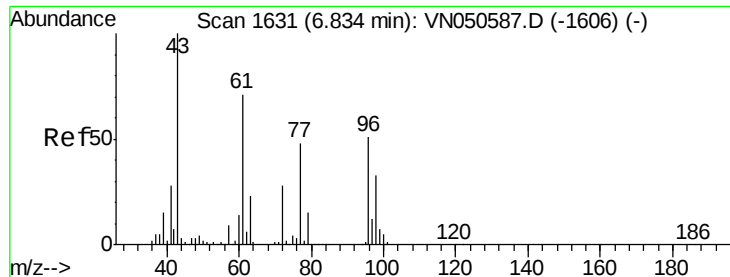
2000

1000

0

Time--> 3.75 3.80 3.85 3.90





#27

cis-1,2-Dichloroethene

Concen: 33.84 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050611.D

Acq: 14 Aug 2018 18:53

Instrument :

MSVOA_N

ClientSampleId :

958-IW-15(19)

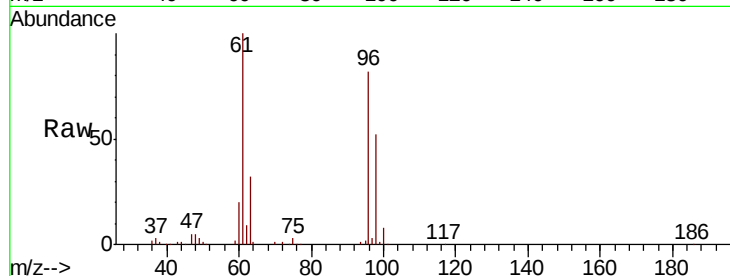
Tot Ion: 96 Resp: 316586

Ion Ratio Lower Upper

96 100

61 124.7 0.0 278.2

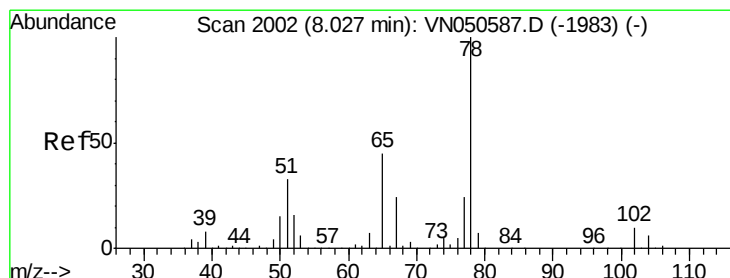
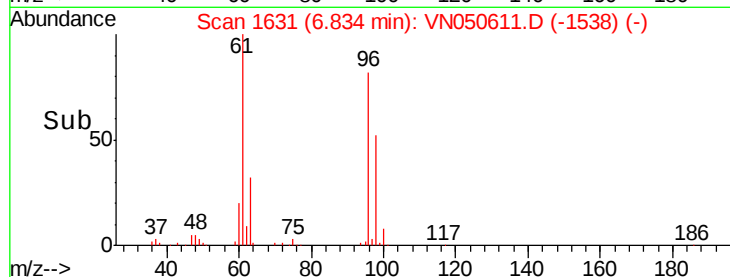
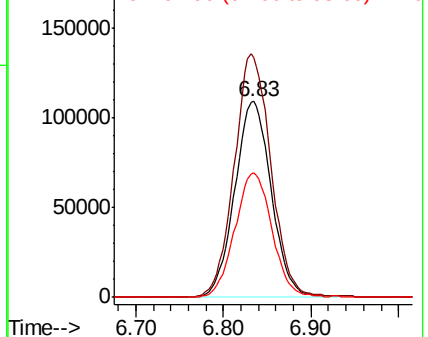
98 64.4 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.64 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050611.D

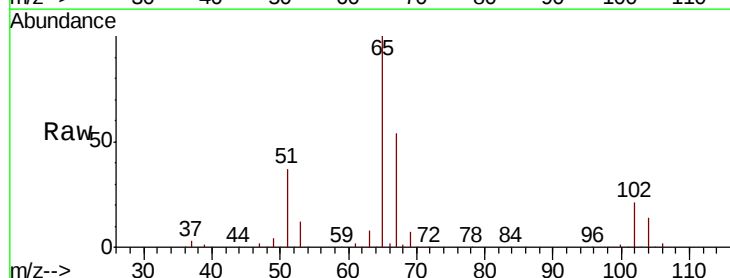
Acq: 14 Aug 2018 18:53

Tgt Ion: 65 Resp: 455830

Ion Ratio Lower Upper

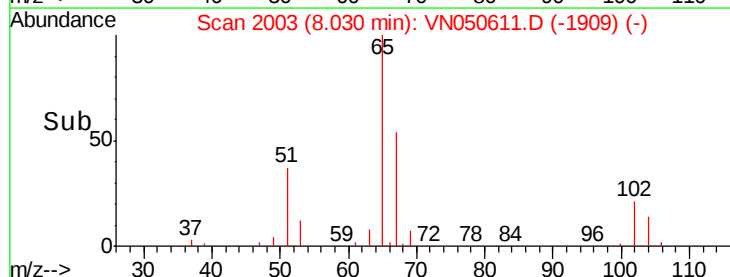
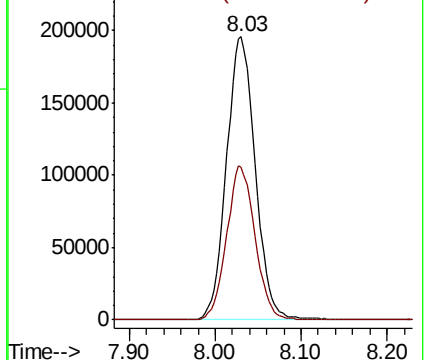
65 100

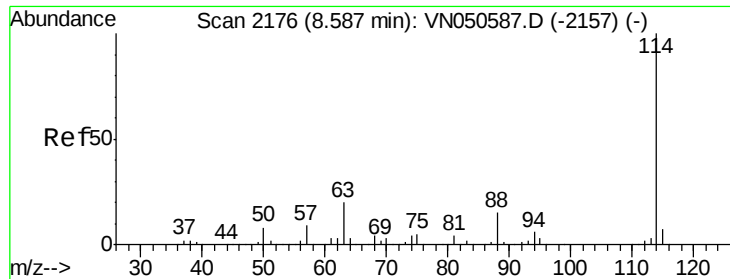
67 53.7 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

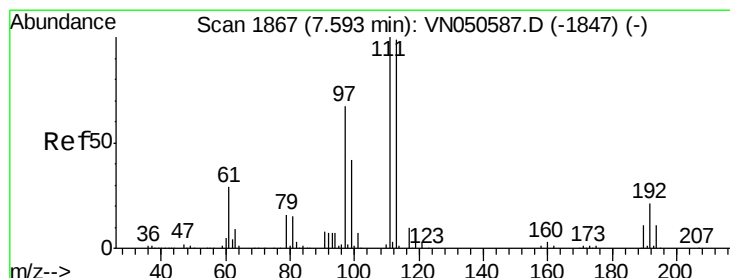
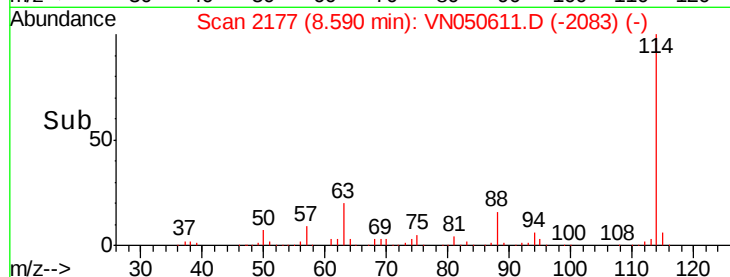
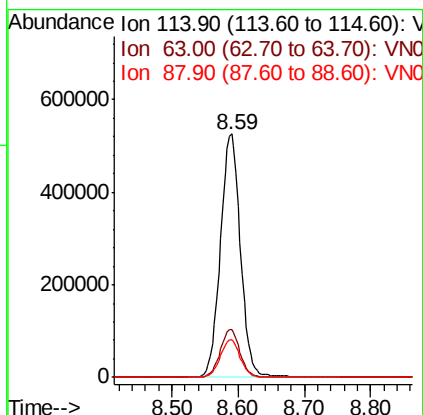
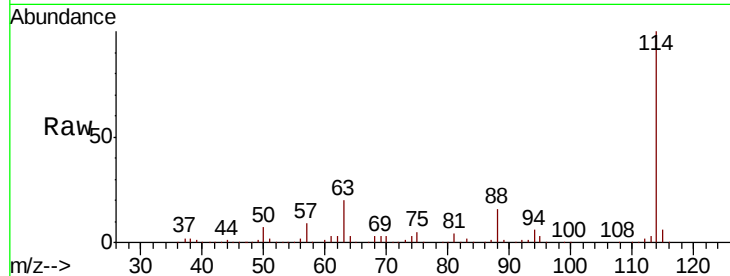




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050611.D
 Acq: 14 Aug 2018 18:53

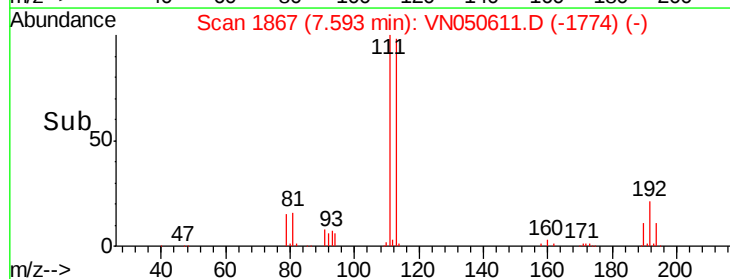
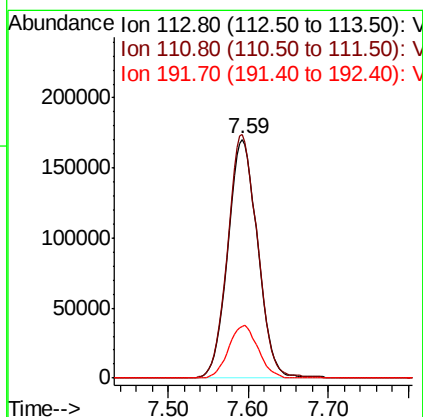
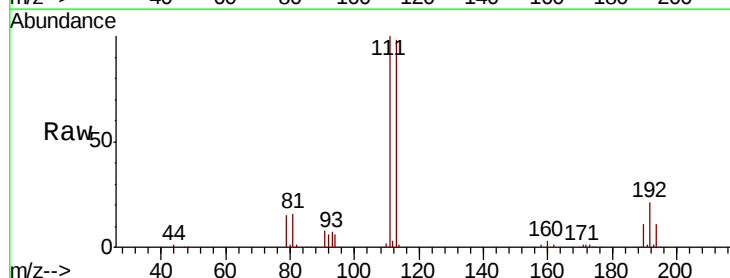
Instrument :
 MSVOA_N
 ClientSampleId :
 958-IW-15(19)

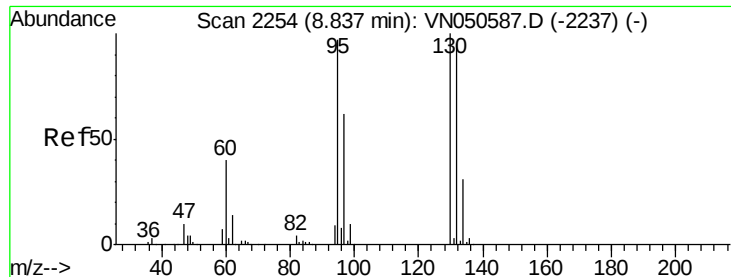
Tot Ion:114 Resp: 1101270
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.6 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 49.21 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050611.D
 Acq: 14 Aug 2018 18:53

Tgt Ion:113 Resp: 432646
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.0 121.6
 192 22.0 17.6 26.4





#44

Trichloroethene

Concen: 28.57 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050611.D

Acq: 14 Aug 2018 18:53

Instrument :

MSVOA_N

ClientSampleId :

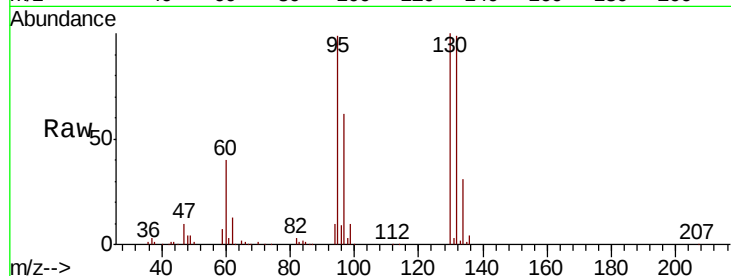
958-IW-15(19)

Tot Ion:130 Resp: 285462

Ion Ratio Lower Upper

130 100

95 98.8 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VN050587.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050587.D (-2237) (-)

8.84

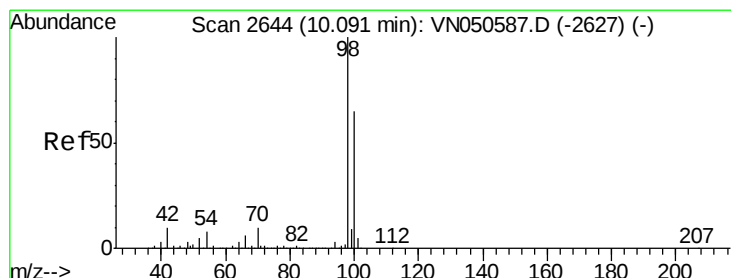
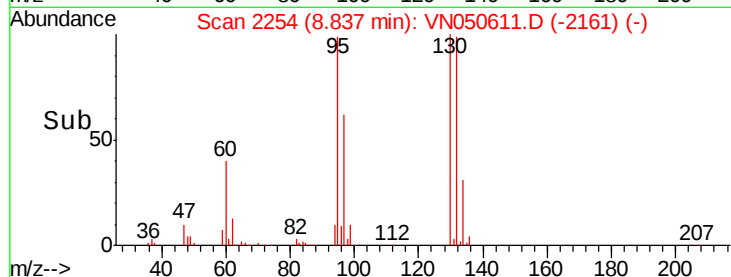
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 45.94 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050611.D

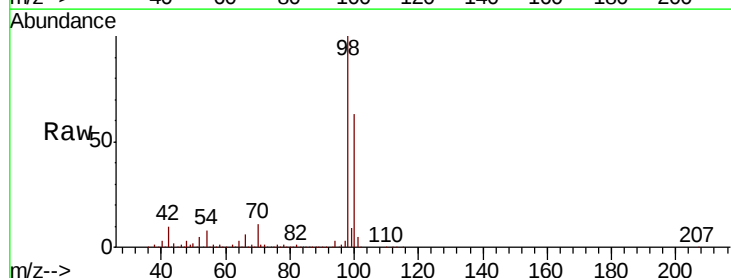
Acq: 14 Aug 2018 18:53

Tgt Ion: 98 Resp: 1520125

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8



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

Ion 100.00 (99.70 to 100.70): VN050587.D (-2627) (-)

10.09

800000

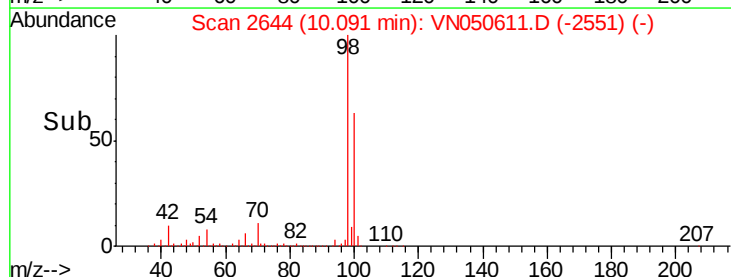
600000

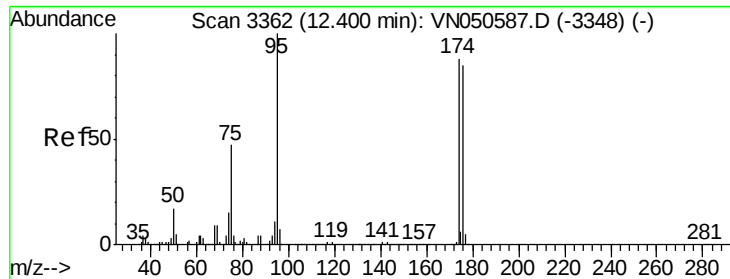
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 37.31 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050611.D

Acq: 14 Aug 2018 18:53

Instrument :

MSVOA_N

ClientSampleId :

958-IW-15(19)

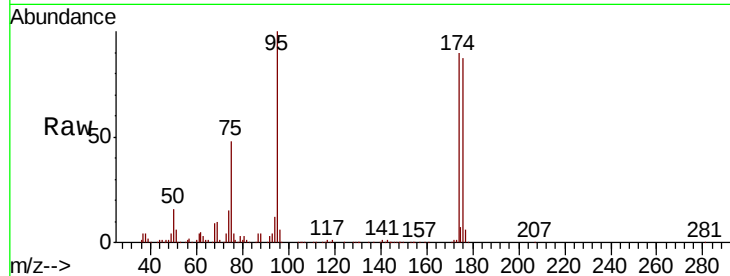
Tot Ion: 95 Resp: 407827

Ion Ratio Lower Upper

95 100

174 91.4 0.0 177.8

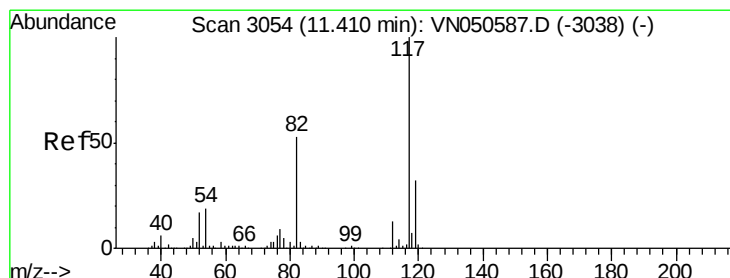
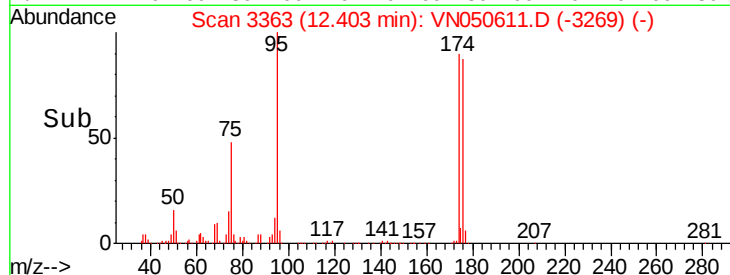
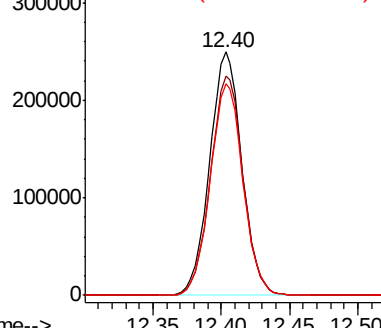
176 88.4 0.0 175.0



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) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050611.D

Acq: 14 Aug 2018 18:53

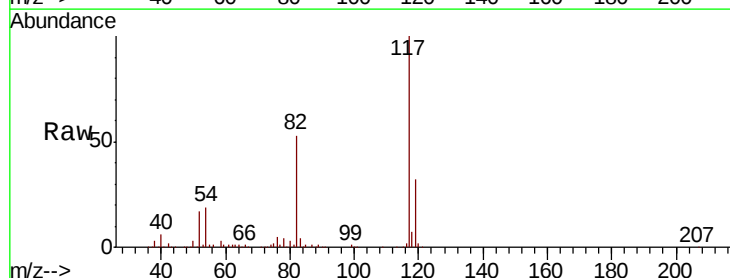
Tgt Ion: 117 Resp: 940280

Ion Ratio Lower Upper

117 100

82 52.8 42.4 63.6

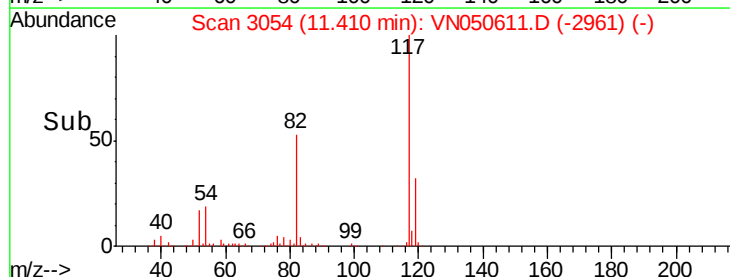
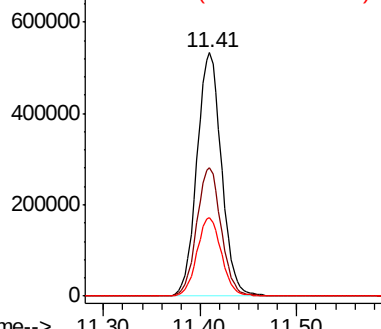
119 32.2 25.8 38.8

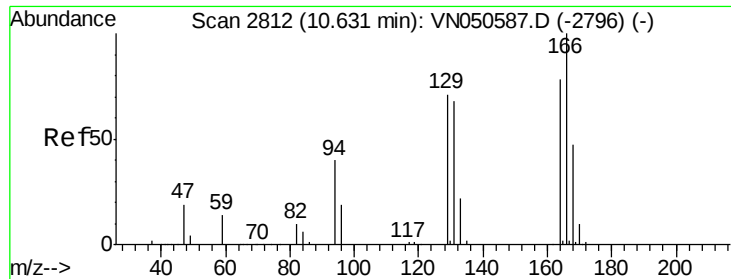


Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)

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

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





#64

Tetrachloroethene

Concen: 89.61 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. 0.00 min

Lab File: VN050611.D

Acq: 14 Aug 2018 18:53

Instrument :

MSVOA_N

ClientSampleId :

958-IW-15(19)

Tot Ion:164 Resp: 782501

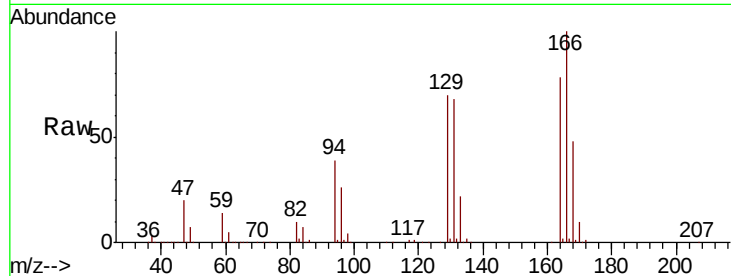
Ion Ratio Lower Upper

164 100

166 128.5 102.1 153.1

129 89.9 72.7 109.1

131 87.7 69.9 104.9

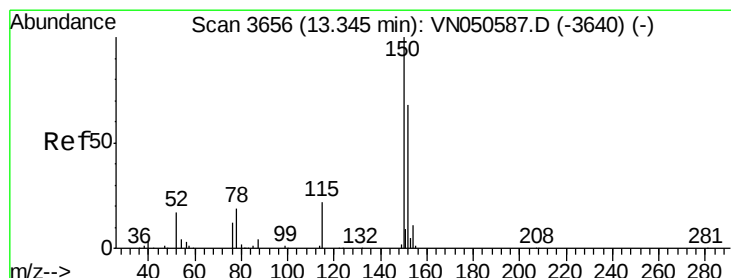
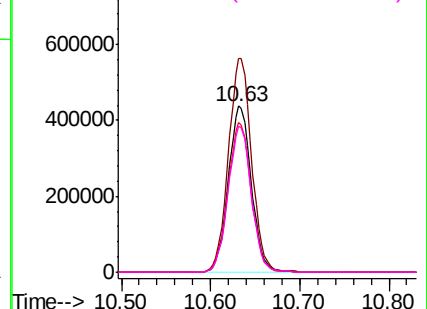
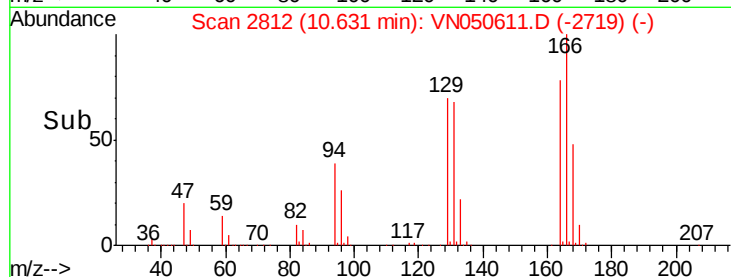


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN050611.D

Acq: 14 Aug 2018 18:53

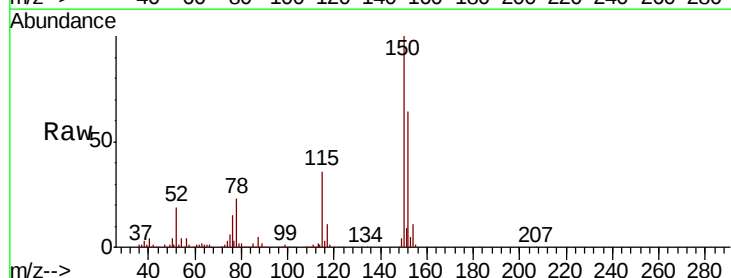
Tgt Ion:152 Resp: 337662

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

150 156.0 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

