

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050612.D
 Acq On : 14 Aug 2018 19:18
 Operator : MD\SY
 Sample : J4469-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 959-IW-16(19)

Quant Time: Aug 15 13:28:53 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

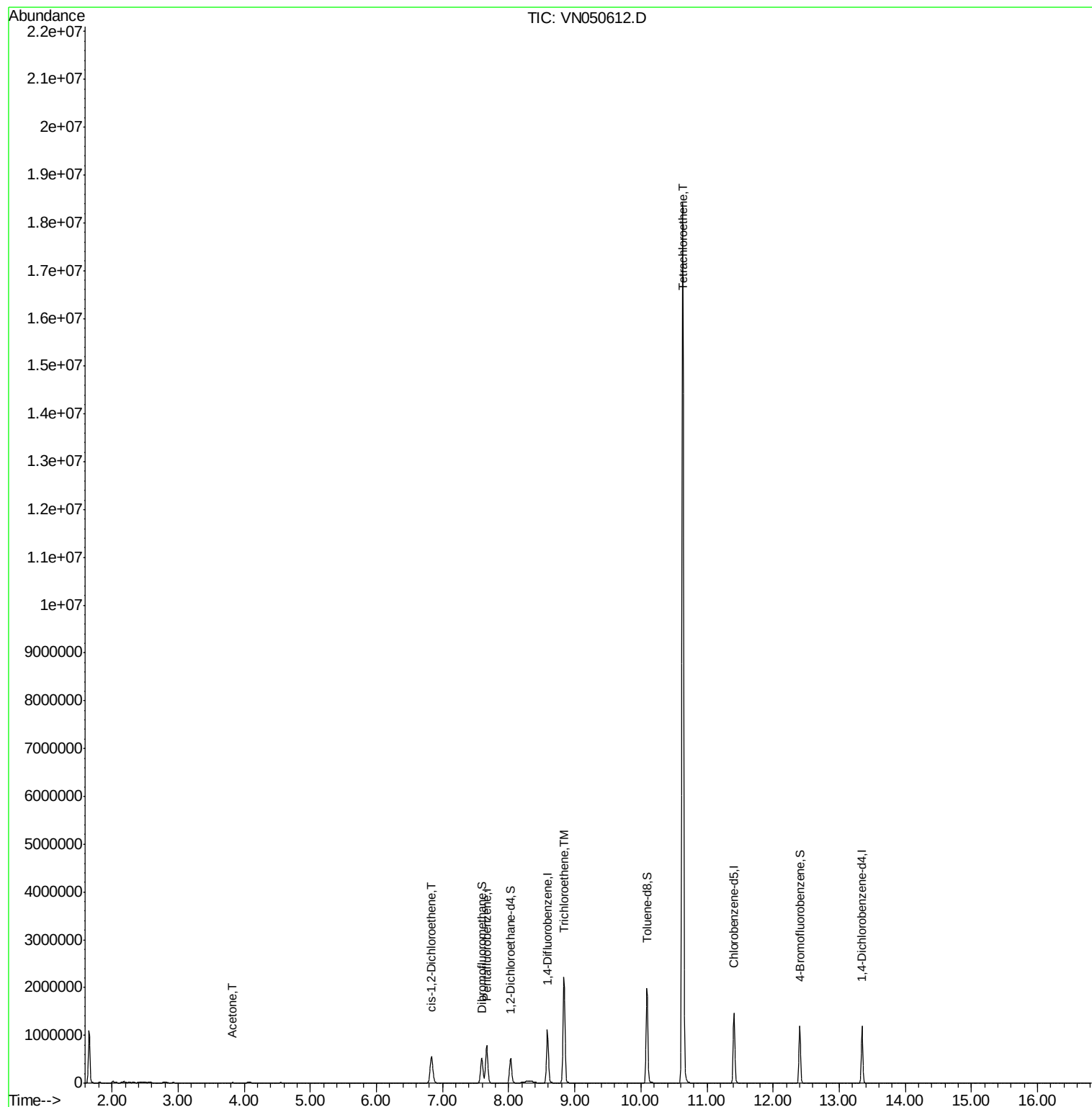
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	671357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1032265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	914177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	331010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	431744	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
35) Dibromofluoromethane	7.59	113	405637	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	10.09	98	1451858	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
62) 4-Bromofluorobenzene	12.40	95	405527	39.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.16%	
Target Compounds						
16) Acetone	3.82	43	18378	7.29	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	395065	44.92	ug/l	91
44) Trichloroethene	8.84	130	876122	93.56	ug/l	99
64) Tetrachloroethene	10.63	164	4610320	543.04	ug/l	99

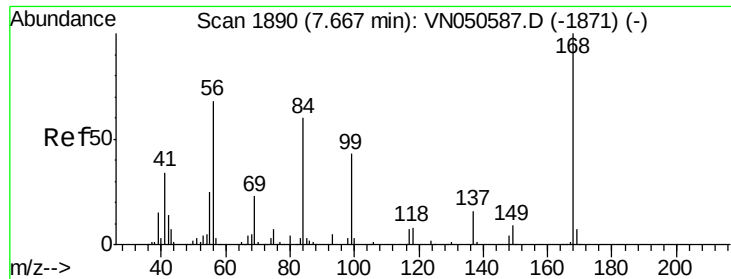
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050612.D

Acq: 14 Aug 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

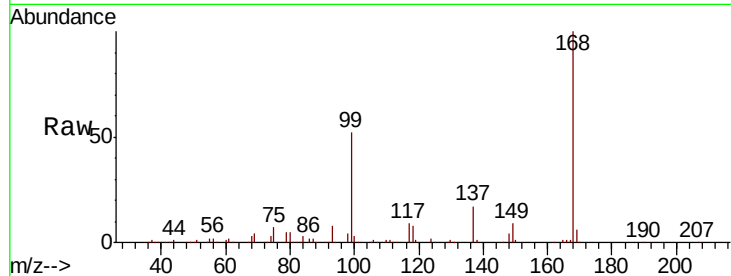
959-IW-16(19)

Tot Ion:168 Resp: 671357

Ion Ratio Lower Upper

168 100

99 51.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

300000

250000

200000

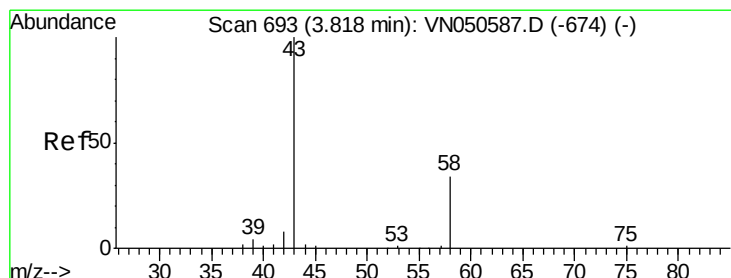
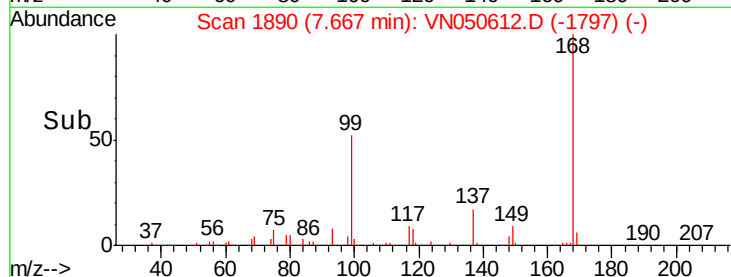
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.29 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050612.D

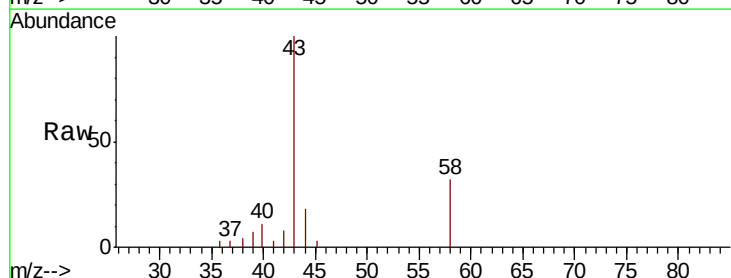
Acq: 14 Aug 2018 19:18

Tgt Ion: 43 Resp: 18378

Ion Ratio Lower Upper

43 100

58 31.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.82

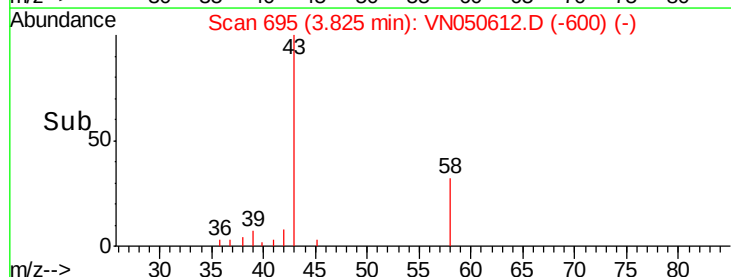
6000

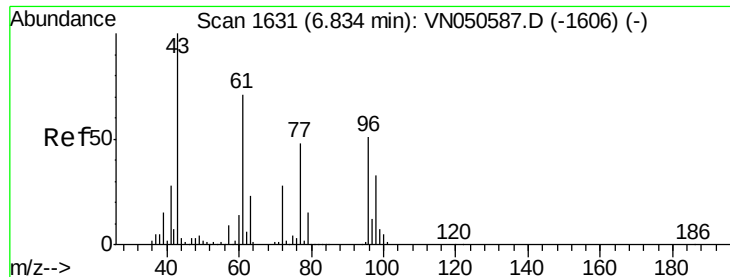
4000

2000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 44.92 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050612.D

Acq: 14 Aug 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

959-IW-16(19)

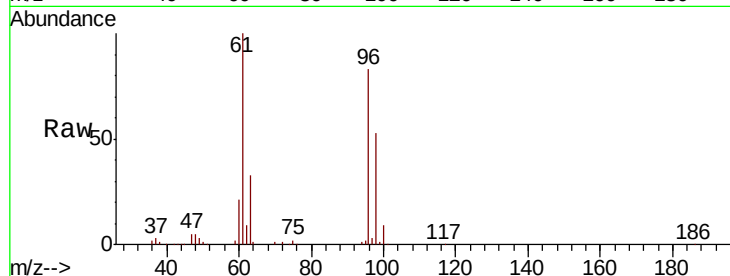
Tot Ion: 96 Resp: 395065

Ion Ratio Lower Upper

96 100

61 124.0 0.0 278.2

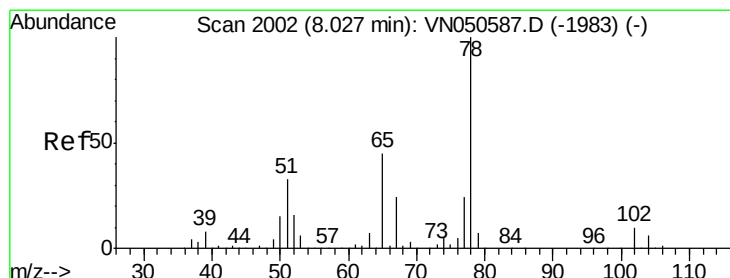
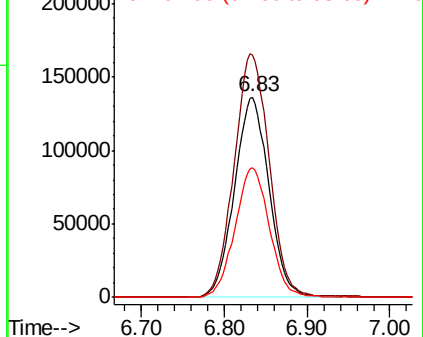
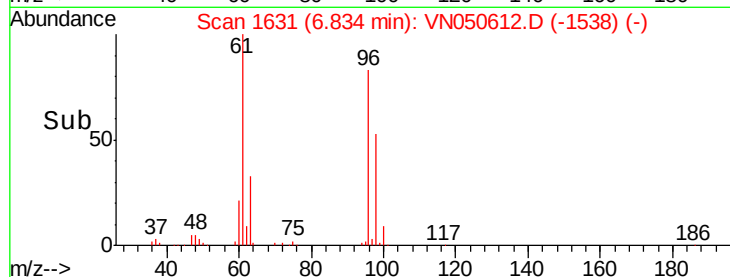
98 64.3 0.0 128.8



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: 51.02 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050612.D

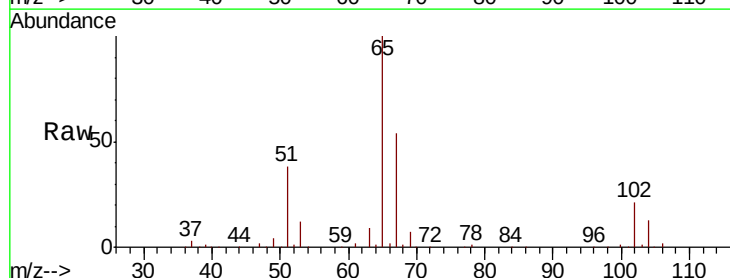
Acq: 14 Aug 2018 19:18

Tgt Ion: 65 Resp: 431744

Ion Ratio Lower Upper

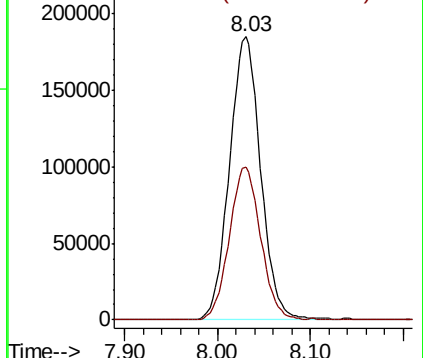
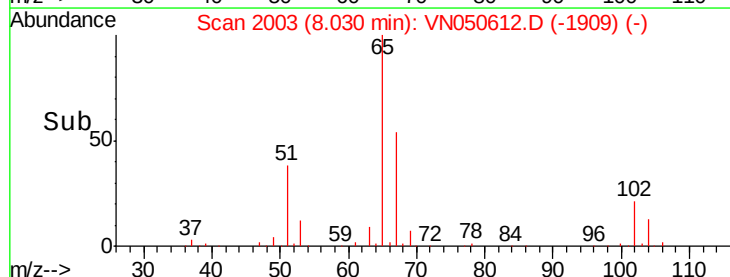
65 100

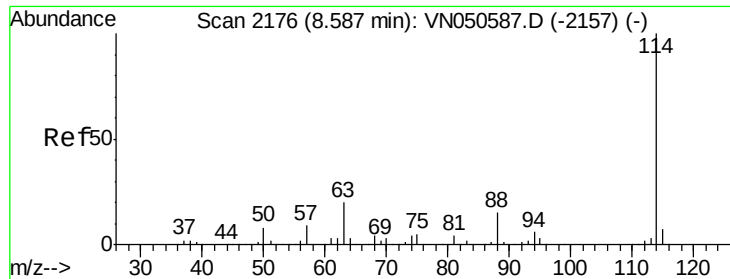
67 54.1 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

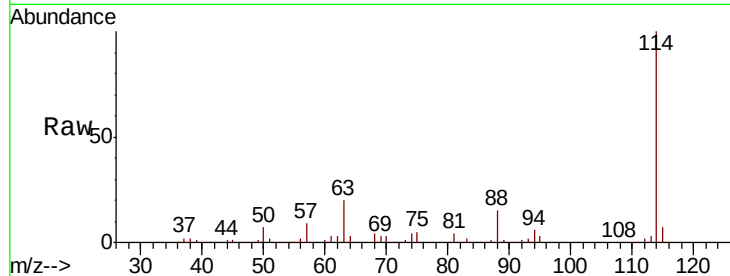




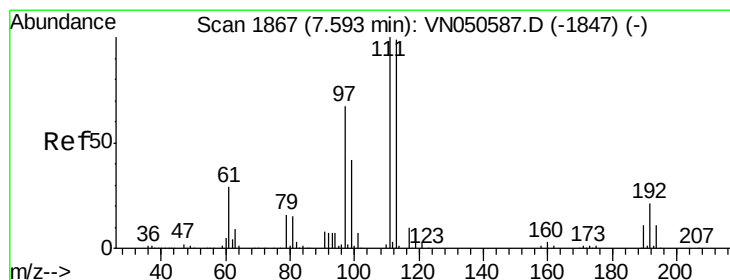
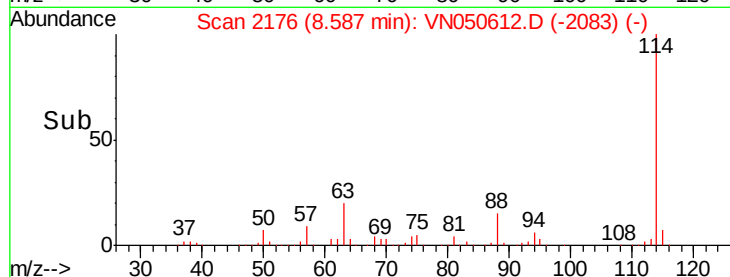
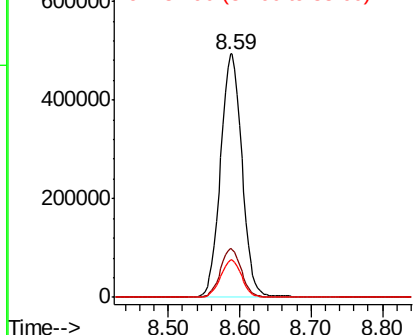
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050612.D
 Acq: 14 Aug 2018 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 959-IW-16(19)

Tot Ion:114 Resp: 1032265
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.3 0.0 30.8

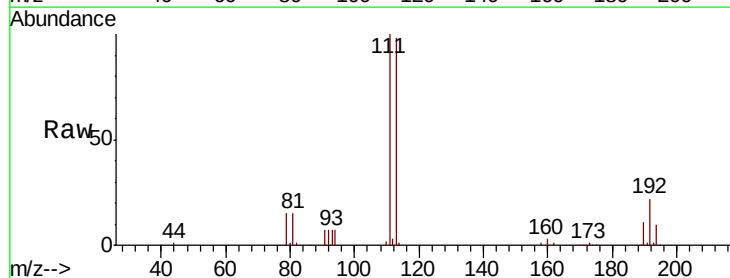


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

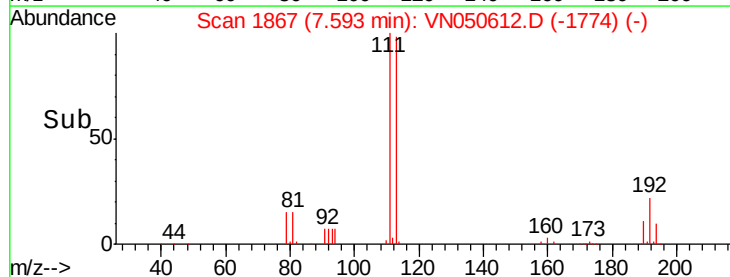
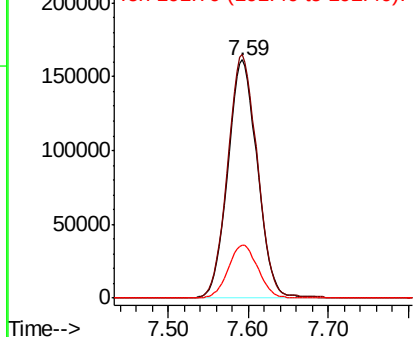


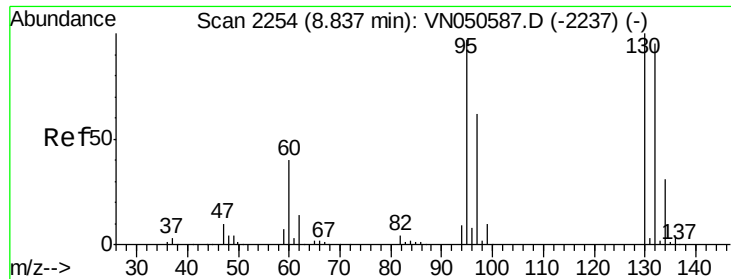
#35
 Dibromofluoromethane
 Concen: 49.22 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050612.D
 Acq: 14 Aug 2018 19:18

Tgt Ion:113 Resp: 405637
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.6
 192 22.4 17.6 26.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

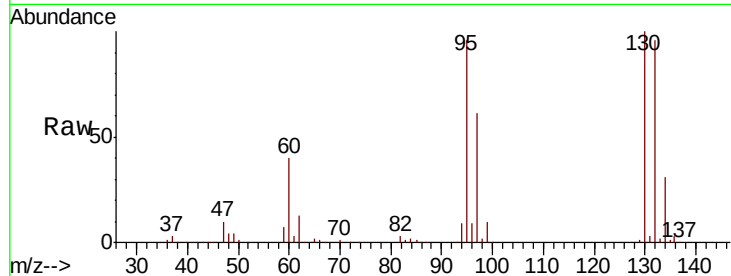




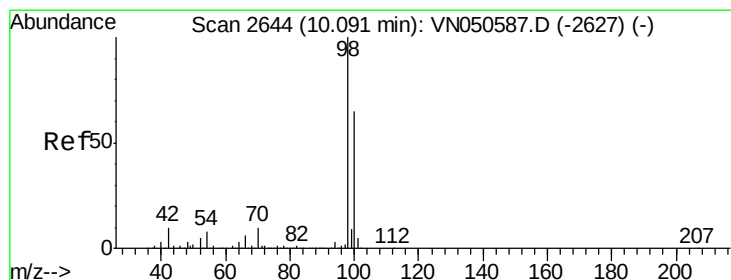
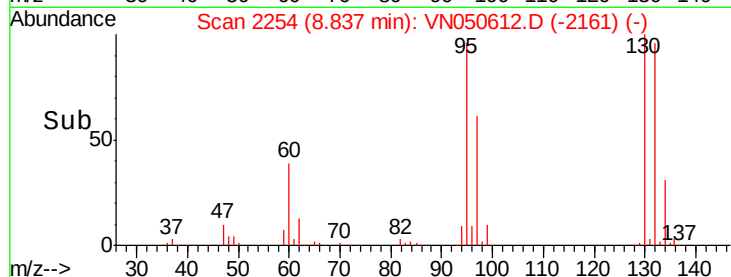
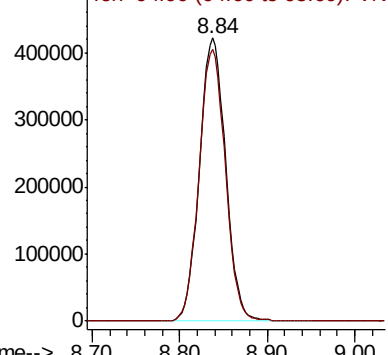
#44
 Trichloroethene
 Concen: 93.56 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN050612.D
 Acq: 14 Aug 2018 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 959-IW-16(19)

Tot Ion:130 Resp: 876122
 Ion Ratio Lower Upper
 130 100
 95 95.8 0.0 193.8

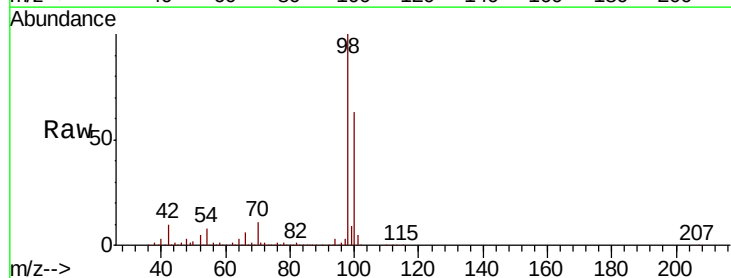


Abundance Ion 129.80 (129.50 to 130.50): VN050587.D (-2237) (-)
 Ion 94.90 (94.60 to 95.60): VN050587.D (-2237) (-)

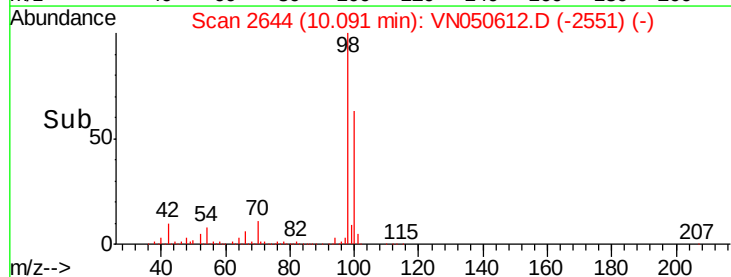
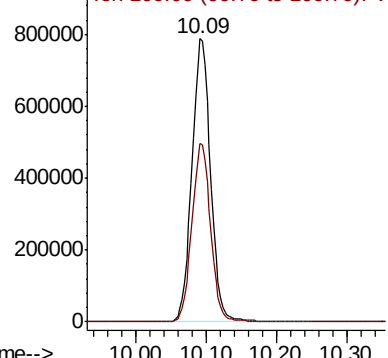


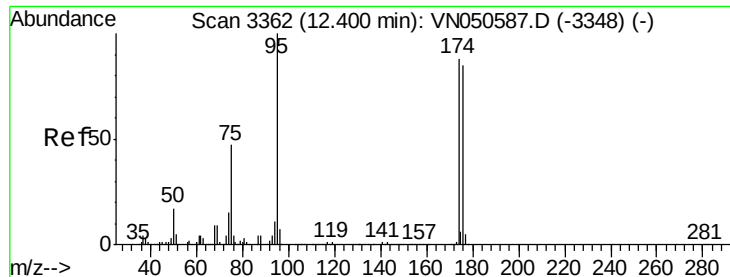
#50
 Toluene-d8
 Concen: 46.81 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN050612.D
 Acq: 14 Aug 2018 19:18

Tgt Ion: 98 Resp: 1451858
 Ion Ratio Lower Upper
 98 100
 100 63.1 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) (-)

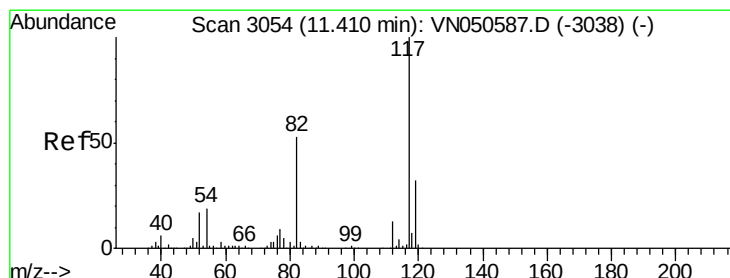
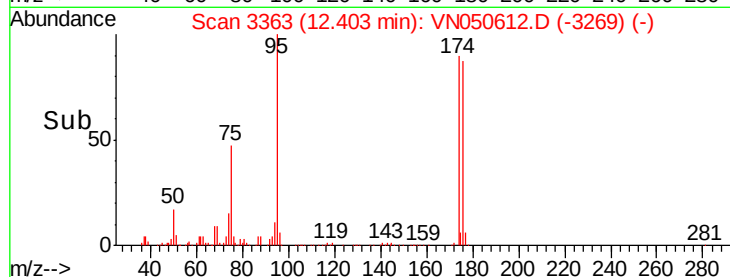
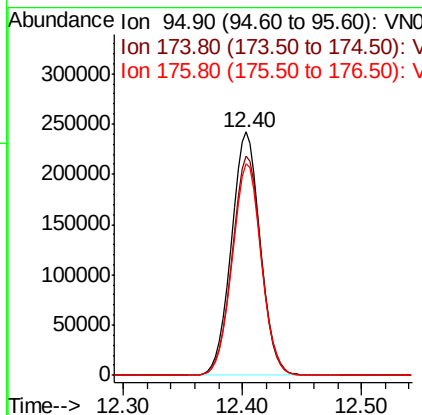
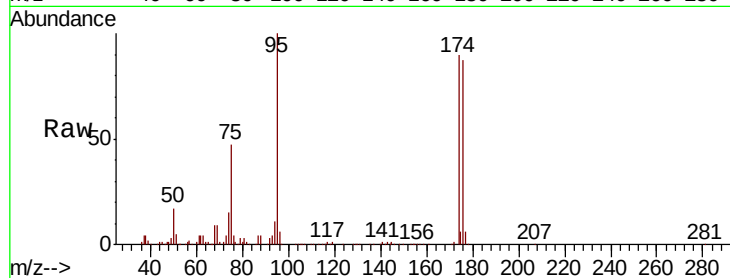




#62
4-Bromofluorobenzene
Concen: 39.58 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050612.D
Acq: 14 Aug 2018 19:18

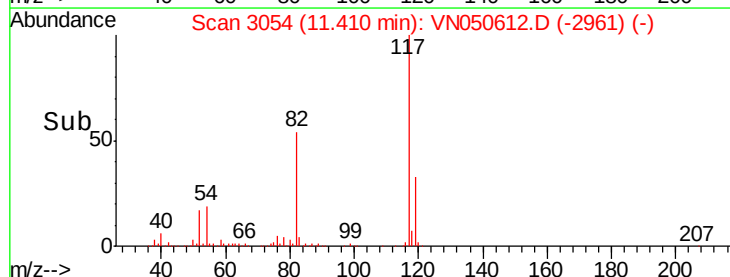
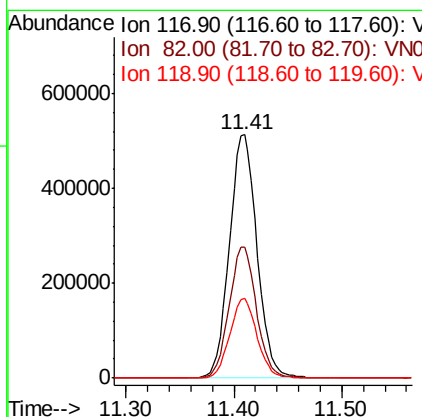
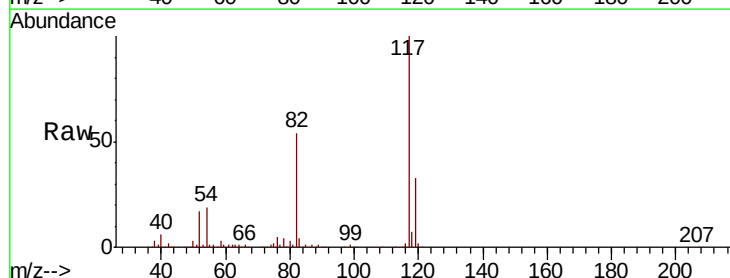
Instrument :
MSVOA_N
ClientSampleId :
959-IW-16(19)

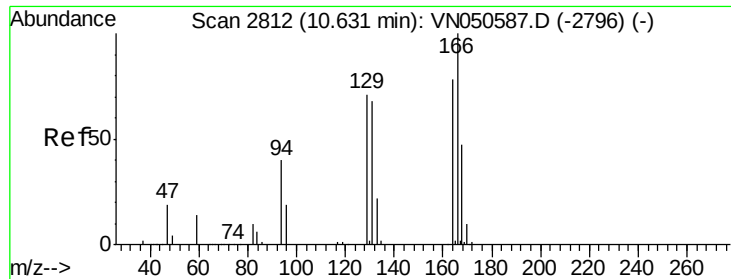
Tot Ion: 95 Resp: 405527
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.8
176 87.8 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050612.D
Acq: 14 Aug 2018 19:18

Tgt Ion: 117 Resp: 914177
Ion Ratio Lower Upper
117 100
82 54.0 42.4 63.6
119 32.5 25.8 38.8





#64

Tetrachloroethene

Concen: 543.04 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN050612.D

Acq: 14 Aug 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

959-IW-16(19)

Tot Ion:164 Resp: 4610320

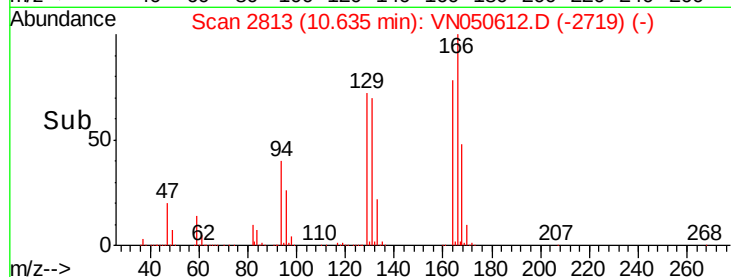
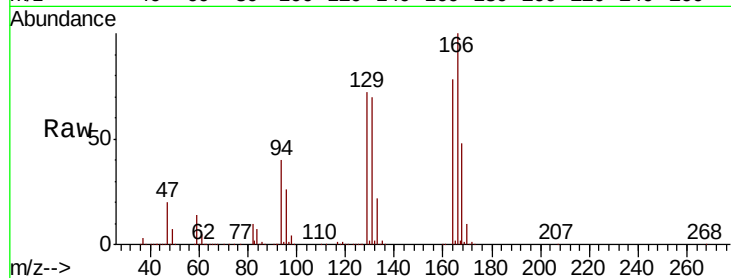
Ion Ratio Lower Upper

164 100

166 128.4 102.1 153.1

129 91.9 72.7 109.1

131 89.5 69.9 104.9

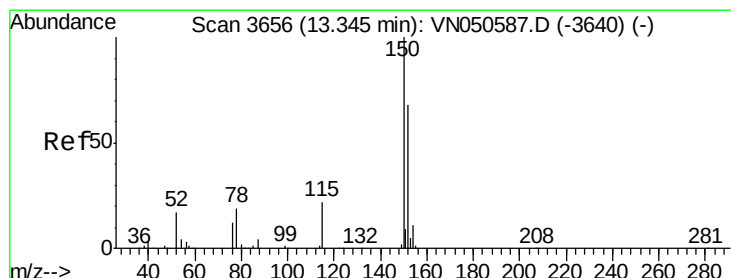
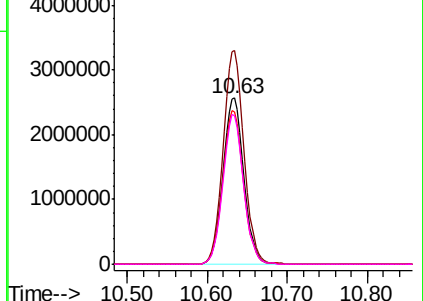


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN050612.D

Acq: 14 Aug 2018 19:18

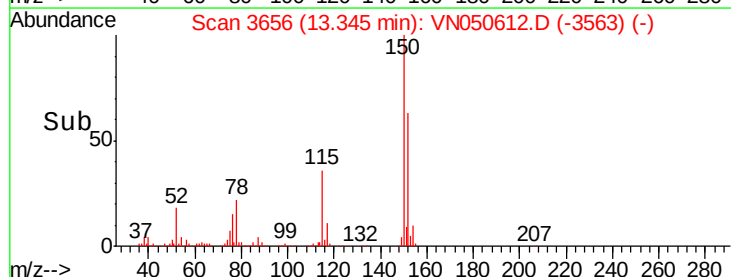
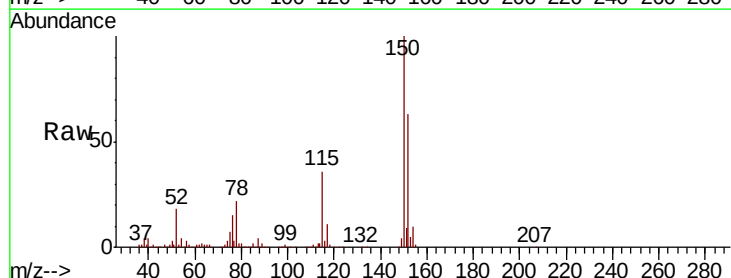
Tgt Ion:152 Resp: 331010

Ion Ratio Lower Upper

152 100

115 57.4 28.1 84.2

150 158.6 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

