

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050610.D
 Acq On : 14 Aug 2018 18:29
 Operator : MD\SY
 Sample : J4469-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 957-IW-14(17)

Quant Time: Aug 15 12:39:53 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	681240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1017192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	842953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288434	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	429403	50.01	ug/l	0.00
Spiked Amount						
			Recovery	=	100.02%	
35) Dibromofluoromethane	7.59	113	398718	49.10	ug/l	0.00
Spiked Amount						
			Recovery	=	98.20%	
50) Toluene-d8	10.09	98	1392211	45.55	ug/l	0.00
Spiked Amount						
			Recovery	=	91.10%	
62) 4-Bromofluorobenzene	12.40	95	361323	35.79	ug/l	0.00
Spiked Amount						
			Recovery	=	71.58%	

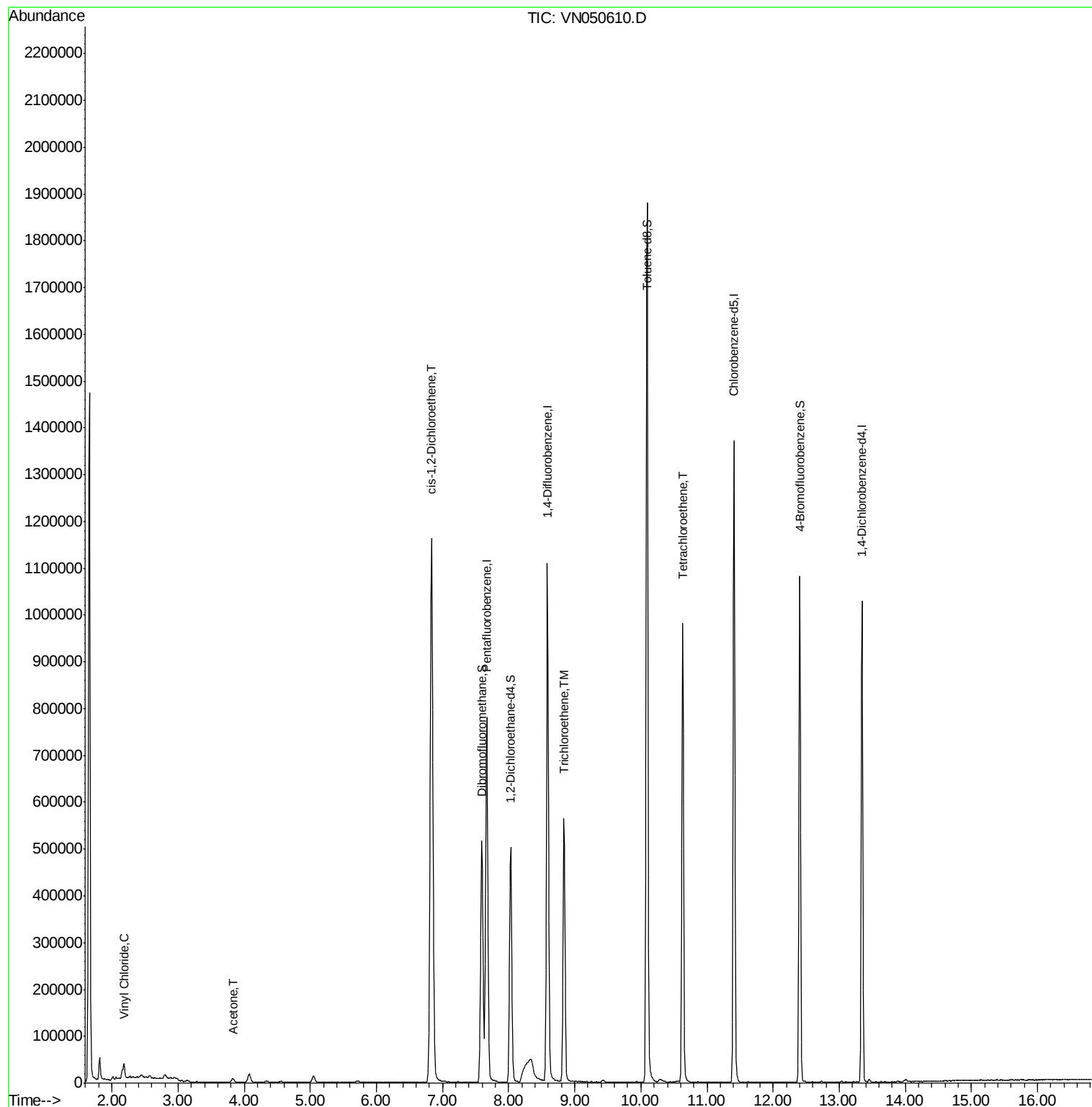
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.18	62	18382	1.80	ug/l	99
16) Acetone	3.82	43	14872	5.52	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	809577	90.72	ug/l	92
44) Trichloroethene	8.84	130	224528	24.33	ug/l	97
64) Tetrachloroethene	10.63	164	246589	31.50	ug/l	99

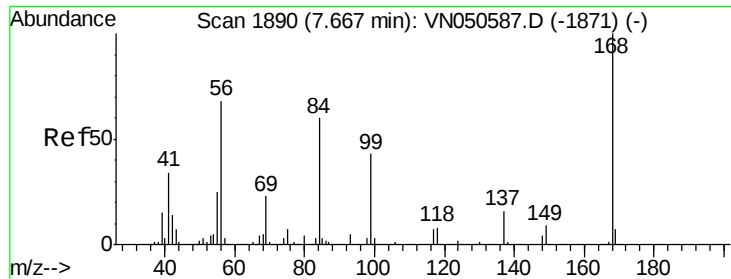
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050610.D

Acq: 14 Aug 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

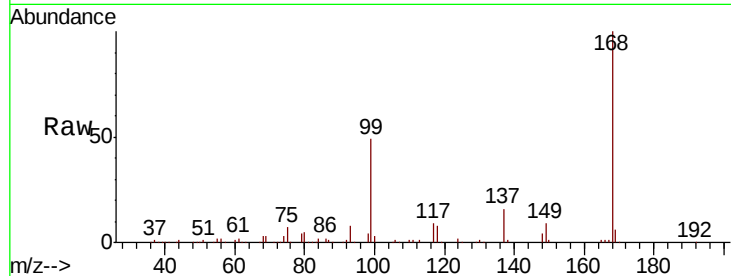
957-IW-14(17)

Tot Ion:168 Resp: 681240

Ion Ratio Lower Upper

168 100

99 48.7 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

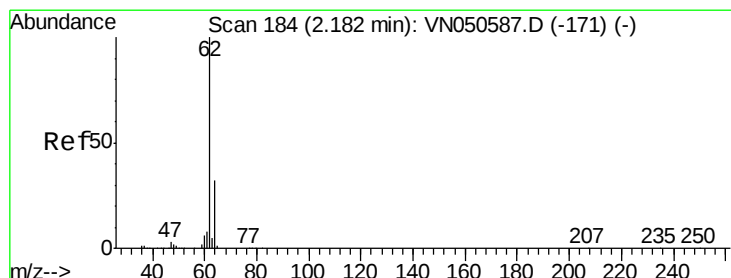
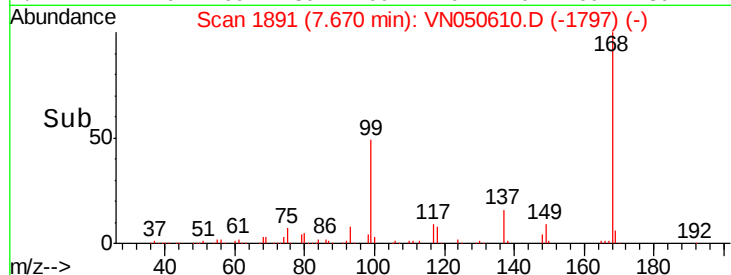
200000

100000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#4

Vinyl Chloride

Concen: 1.80 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050610.D

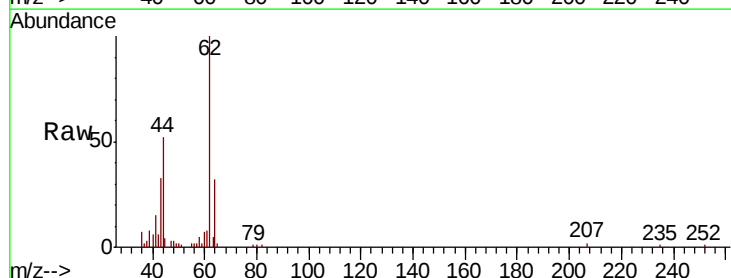
Acq: 14 Aug 2018 18:29

Tgt Ion: 62 Resp: 18382

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

15000

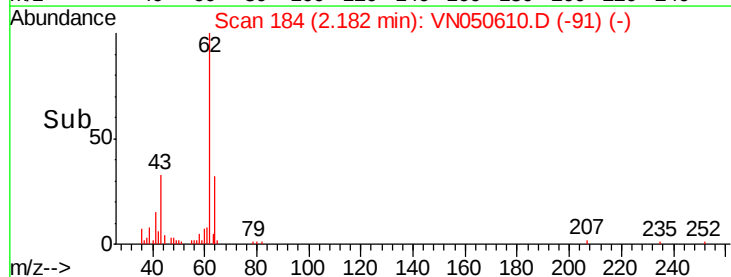
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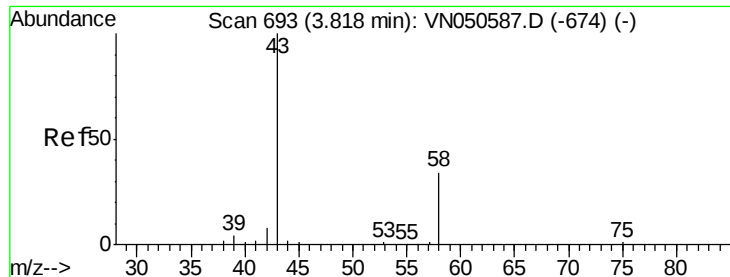
5000

0

Time-->

2.15 2.20 2.25





#16

Acetone

Concen: 5.52 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050610.D

Acq: 14 Aug 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

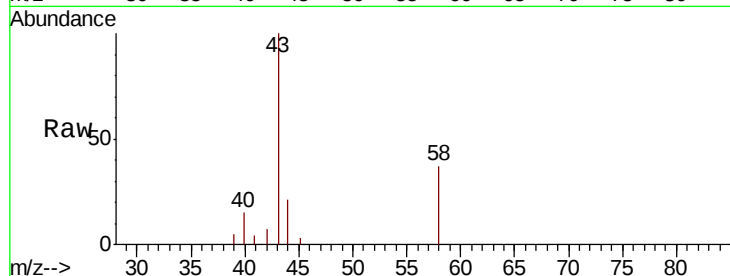
957-IW-14(17)

Tot Ion: 43 Resp: 14872

Ion Ratio Lower Upper

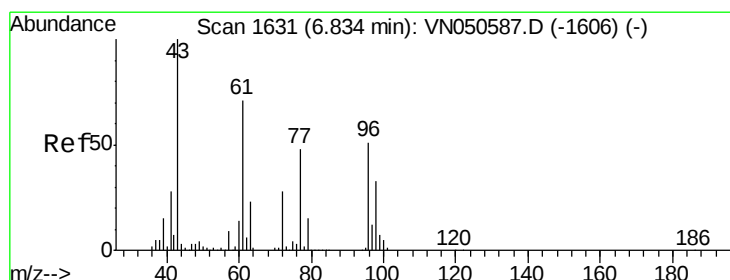
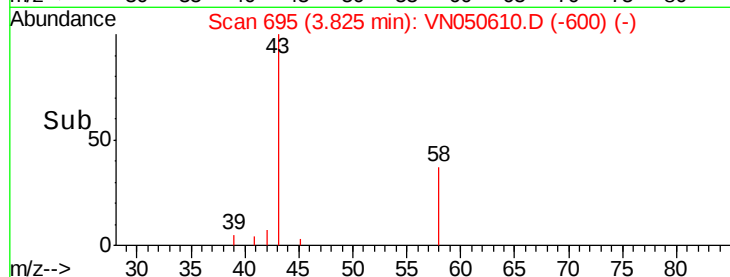
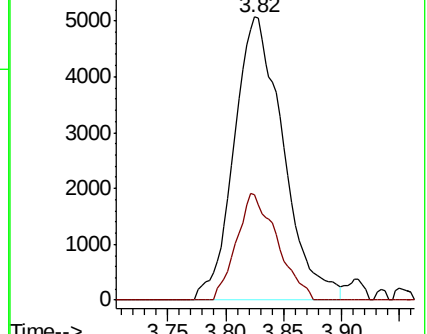
43 100

58 37.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 90.72 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VN050610.D

Acq: 14 Aug 2018 18:29

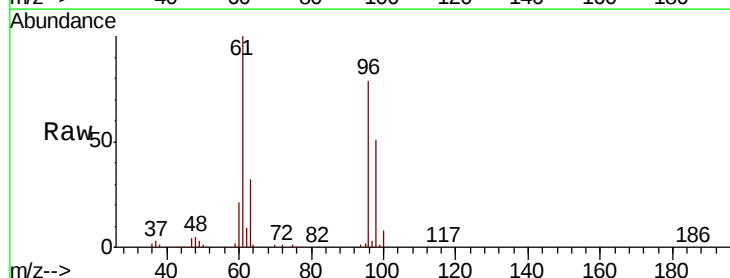
Tgt Ion: 96 Resp: 809577

Ion Ratio Lower Upper

96 100

61 124.7 0.0 278.2

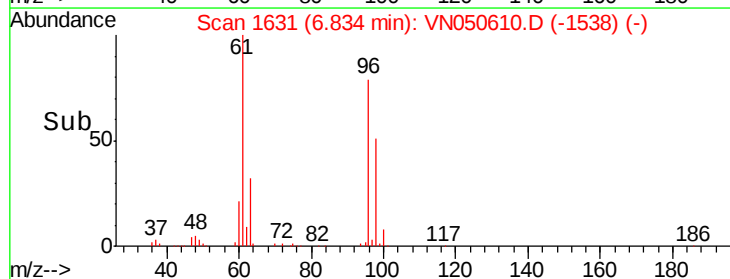
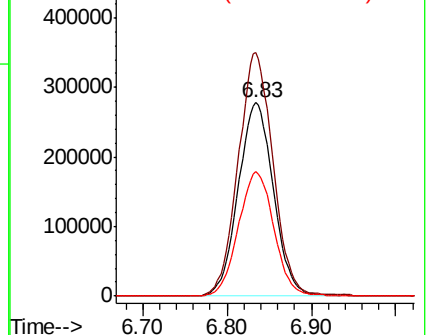
98 64.6 0.0 128.8

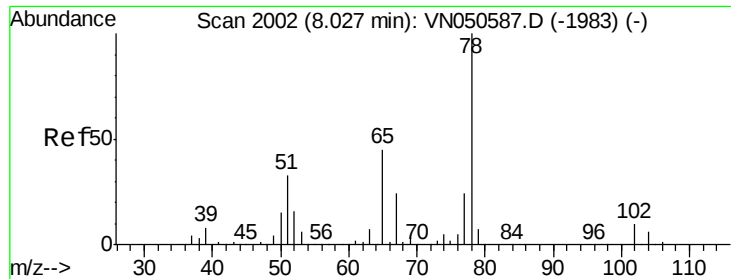


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

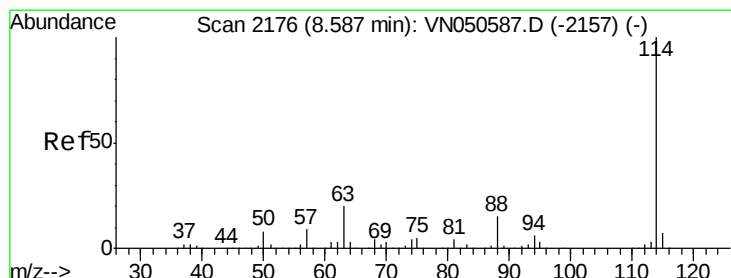
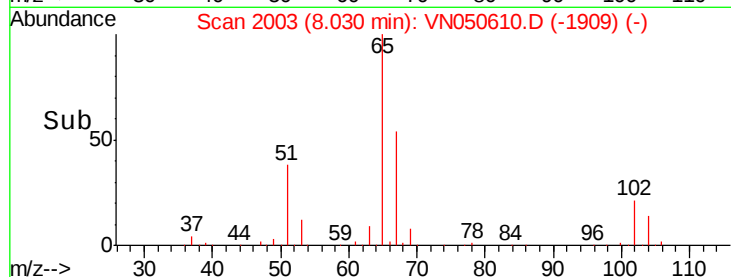
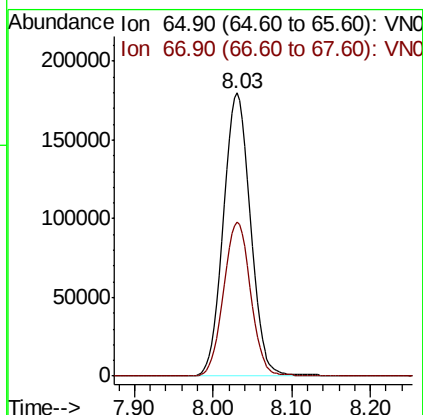
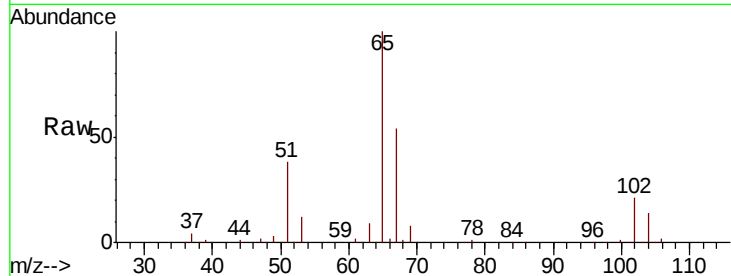




#33
 1,2-Dichloroethane-d4
 Concen: 50.01 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050610.D
 Acq: 14 Aug 2018 18:29

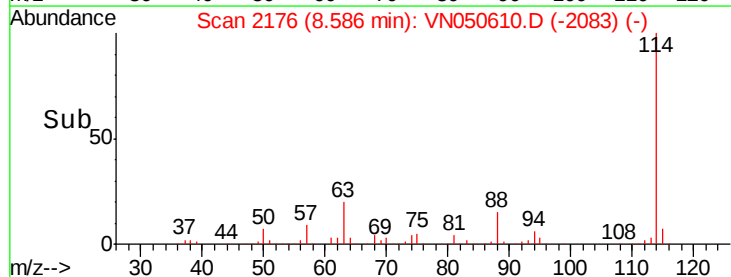
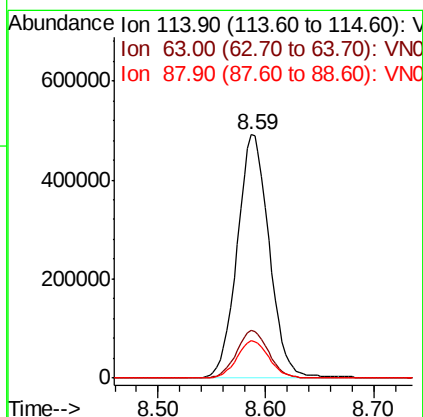
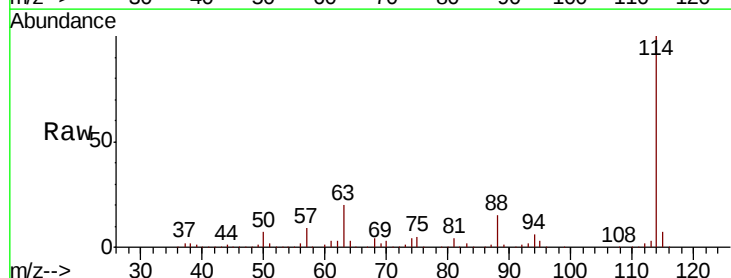
Instrument :
 MSVOA_N
 ClientSampleId :
 957-IW-14(17)

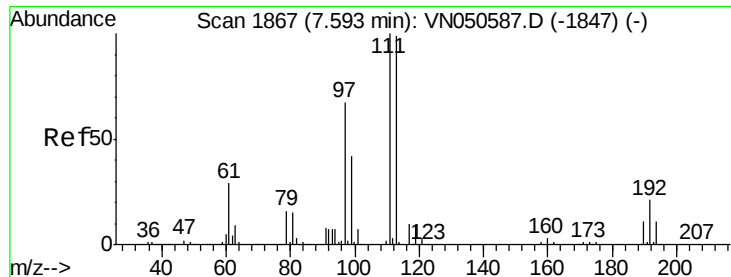
Tot Ion: 65 Resp: 429403
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050610.D
 Acq: 14 Aug 2018 18:29

Tgt Ion: 114 Resp: 1017192
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.2 0.0 30.8

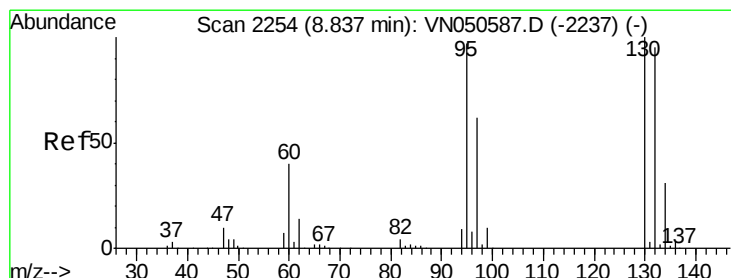
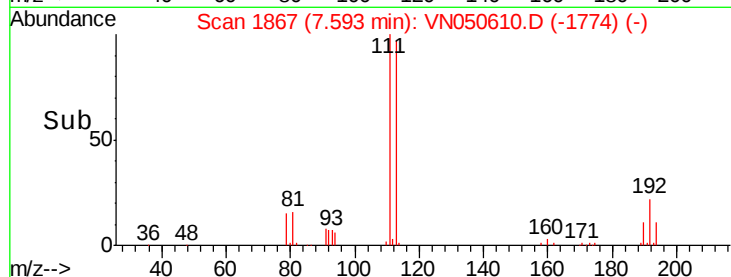
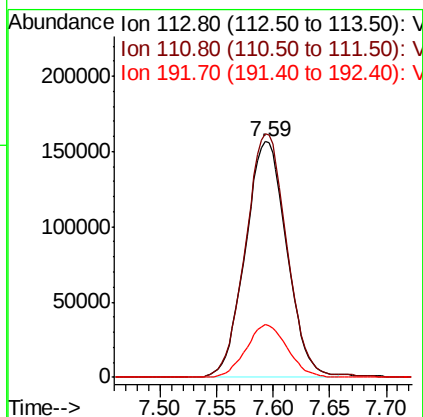
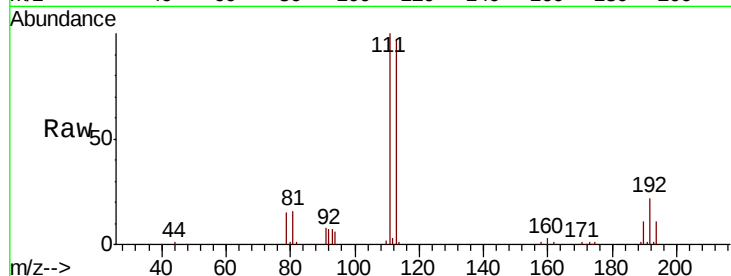




#35
 Dibromofluoromethane
 Concen: 49.10 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050610.D
 Acq: 14 Aug 2018 18:29

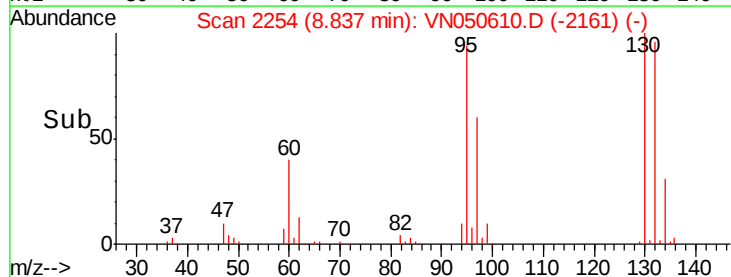
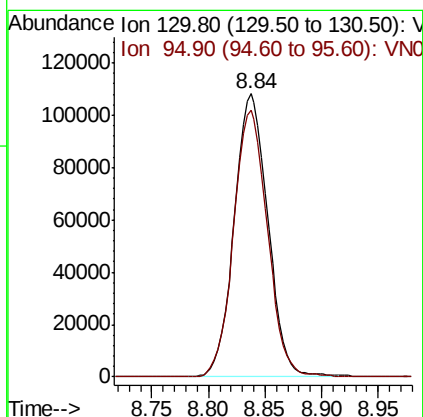
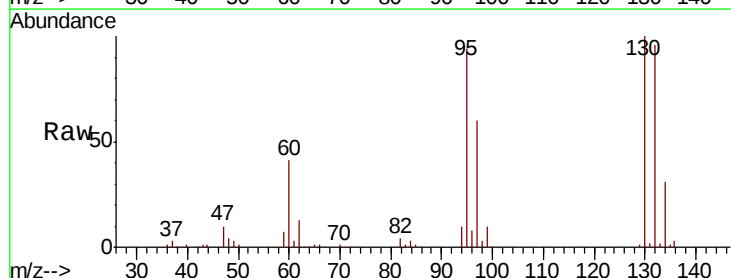
Instrument :
 MSVOA_N
 ClientSampleId :
 957-IW-14(17)

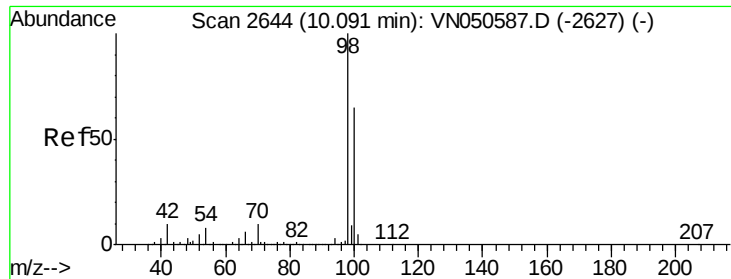
Tot Ion:113 Resp: 398718
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.0 121.6
 192 22.2 17.6 26.4



#44
 Trichloroethene
 Concen: 24.33 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VN050610.D
 Acq: 14 Aug 2018 18:29

Tgt Ion:130 Resp: 224528
 Ion Ratio Lower Upper
 130 100
 95 94.1 0.0 193.8





#50

Toluene-d8

Concen: 45.55 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050610.D

Acq: 14 Aug 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

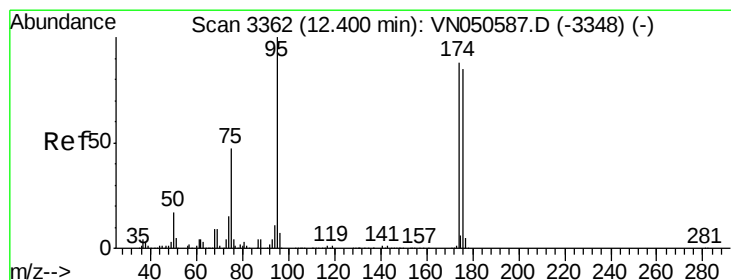
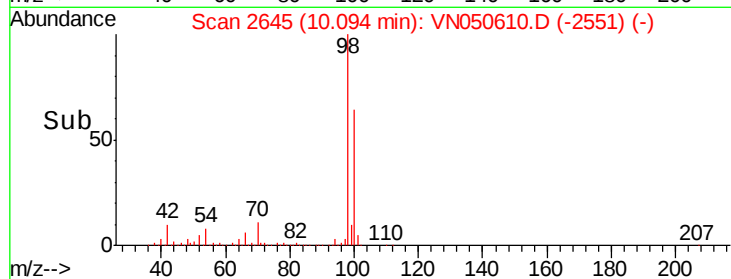
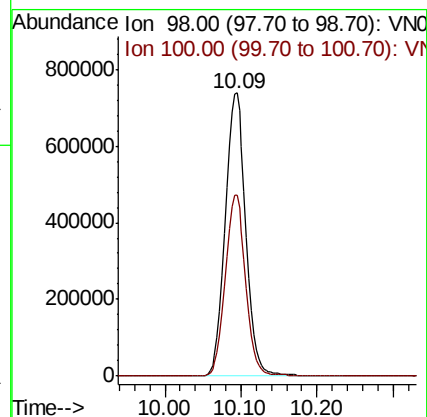
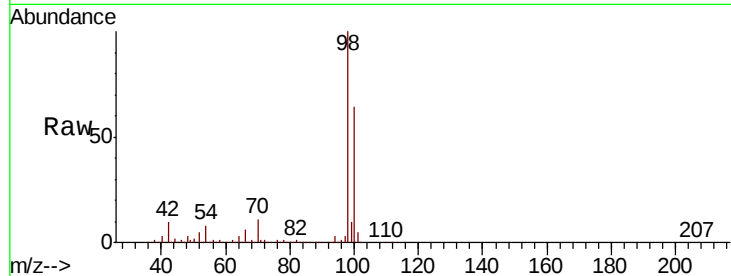
957-IW-14(17)

Tot Ion: 98 Resp: 1392211

Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 35.79 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050610.D

Acq: 14 Aug 2018 18:29

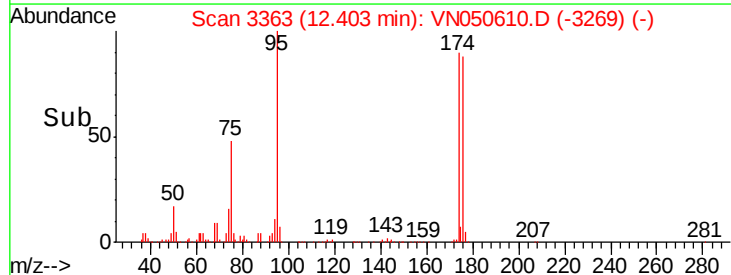
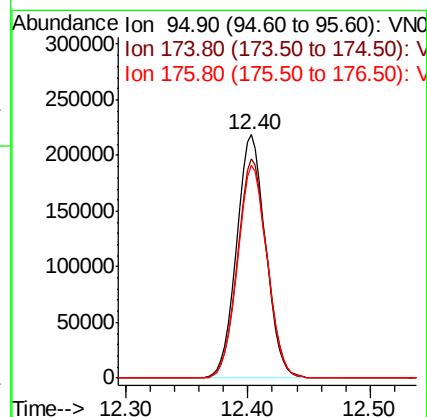
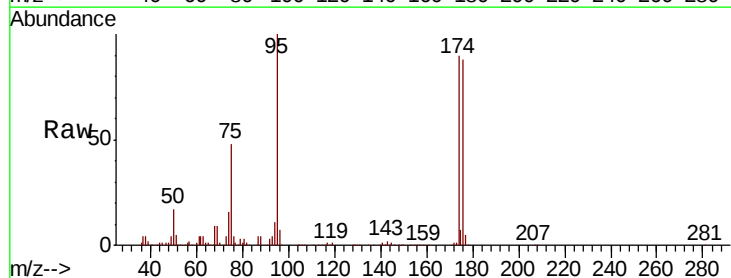
Tgt Ion: 95 Resp: 361323

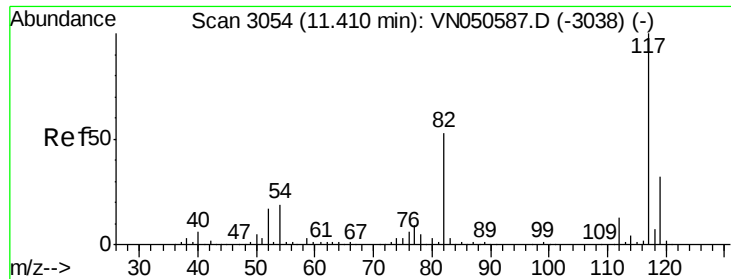
Ion Ratio Lower Upper

95 100

174 91.4 0.0 177.8

176 88.9 0.0 175.0

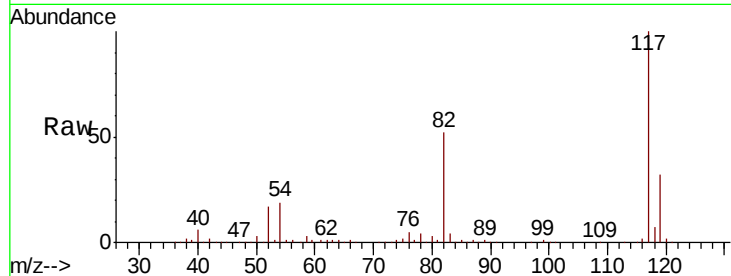




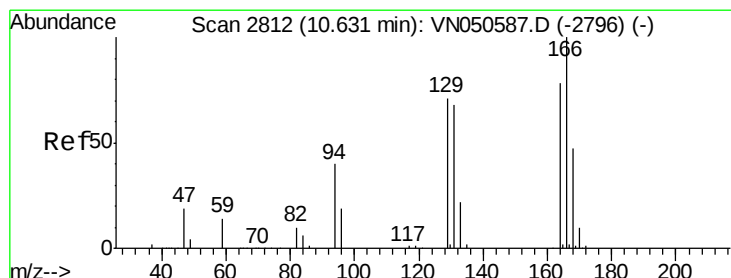
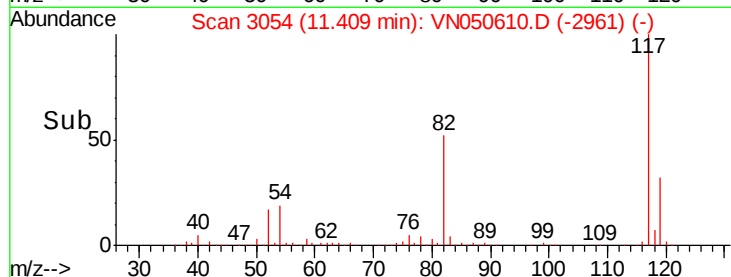
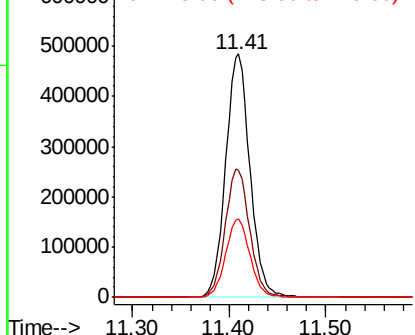
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050610.D
Acq: 14 Aug 2018 18:29

Instrument :
MSVOA_N
ClientSampleId :
957-IW-14(17)

Tot Ion:117 Resp: 842953
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 32.1 25.8 38.8

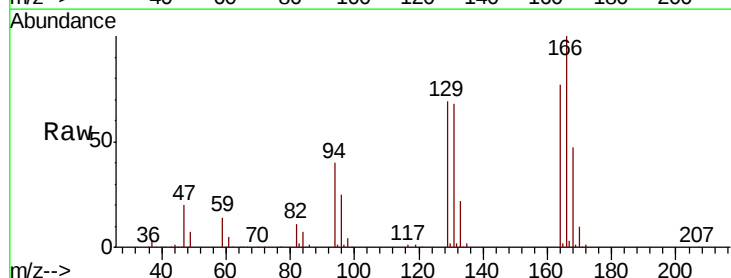


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

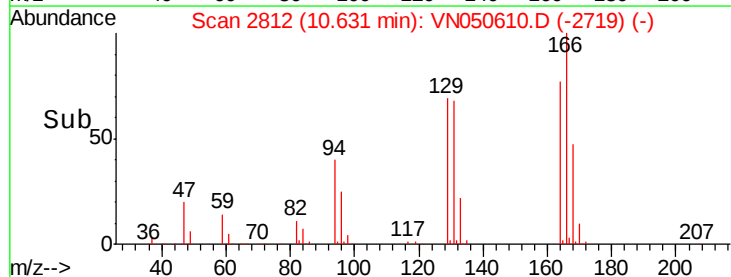
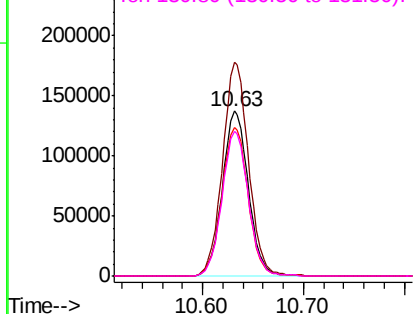


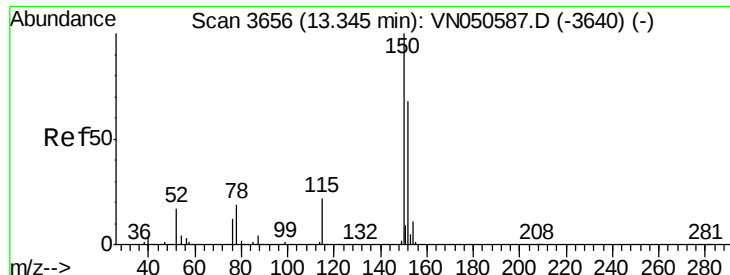
#64
Tetrachloroethene
Concen: 31.50 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050610.D
Acq: 14 Aug 2018 18:29

Tgt Ion:164 Resp: 246589
Ion Ratio Lower Upper
164 100
166 129.6 102.1 153.1
129 89.7 72.7 109.1
131 88.1 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: VN050610.D

Acq: 14 Aug 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

957-IW-14(17)

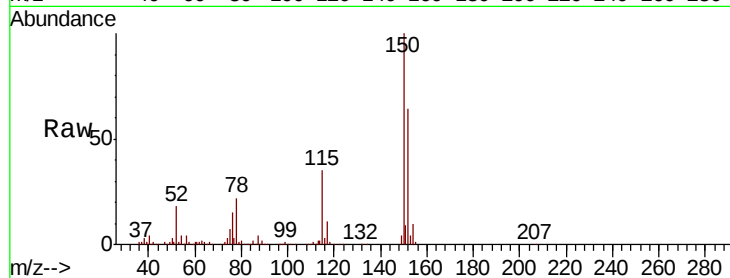
Tot Ion:152 Resp: 288434

Ion Ratio Lower Upper

152 100

115 55.5 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

