

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050613.D
 Acq On : 14 Aug 2018 19:43
 Operator : MD\SY
 Sample : J4469-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 960-IW-21(17)

Quant Time: Aug 15 13:32:35 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	670176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1018571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	878169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	298973	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	425202	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
35) Dibromofluoromethane	7.59	113	407961	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
50) Toluene-d8	10.09	98	1428996	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
62) 4-Bromofluorobenzene	12.40	95	380092	37.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.18%	

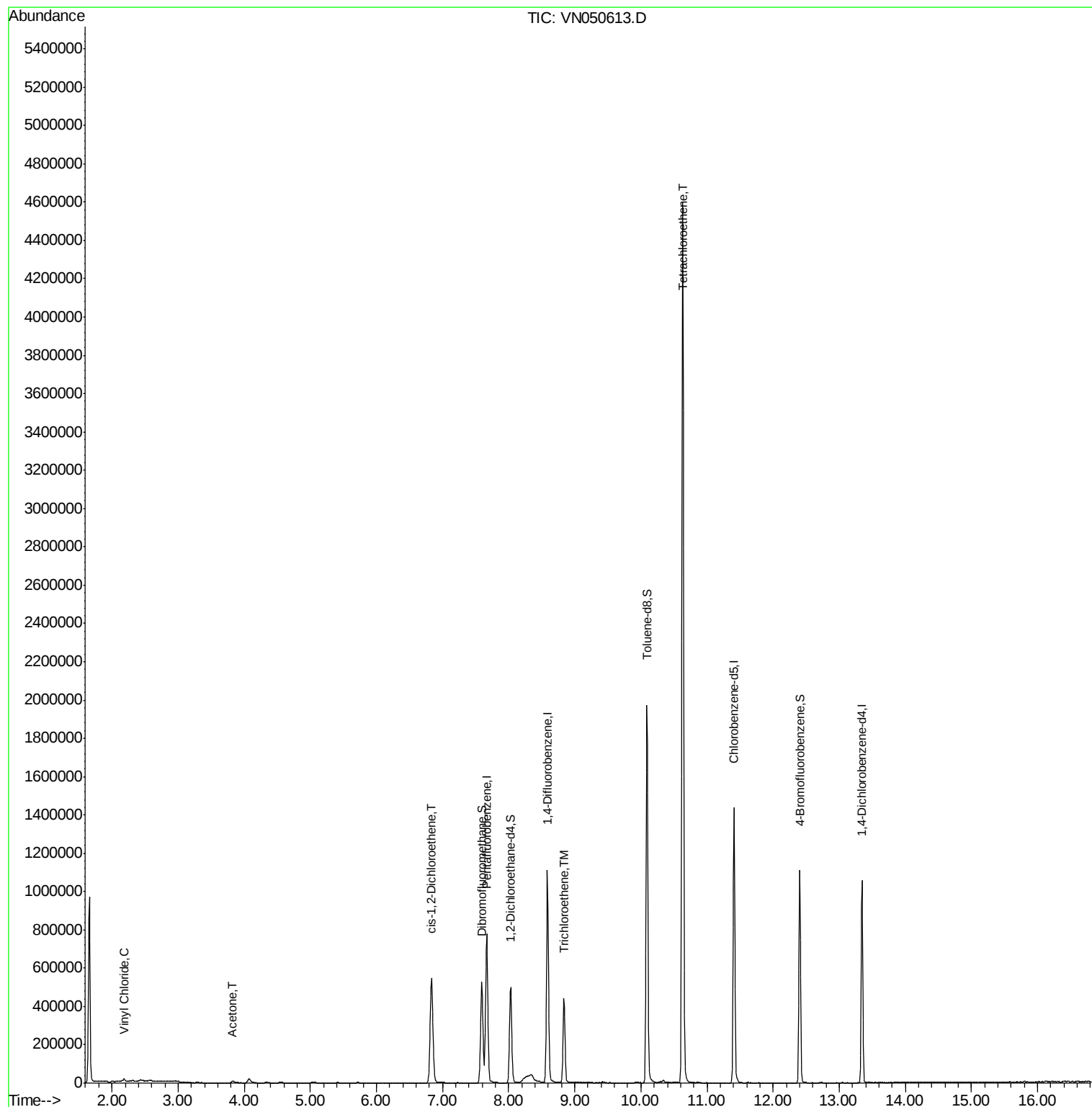
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.18	62	9880	0.98	ug/l	98
16) Acetone	3.82	43	15804	6.08	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	385639	43.93	ug/l	92
44) Trichloroethene	8.84	130	176116	19.06	ug/l	98
64) Tetrachloroethene	10.63	164	1166241	143.00	ug/l	100

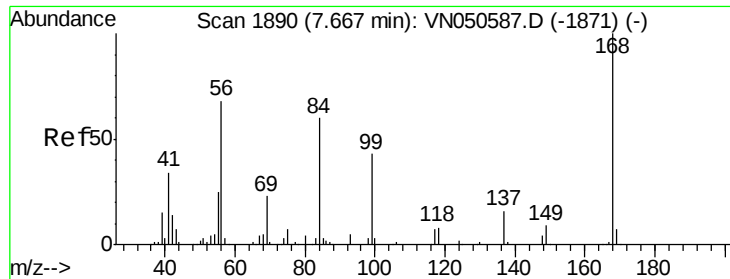
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081418\
Data File : VN050613.D
Acq On : 14 Aug 2018 19:43
Operator : MD\SY
Sample : J4469-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
960-IW-21(17)

Quant Time: Aug 15 13:32:35 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# 1890

Delta R.T. 0.00 min

Lab File: VN050613.D

Acq: 14 Aug 2018 19:43

Instrument :

MSVOA_N

ClientSampleId :

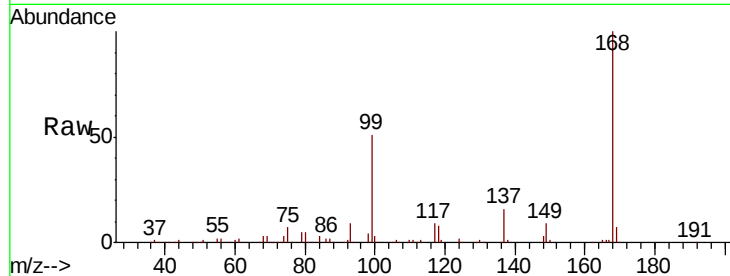
960-IW-21(17)

Tot Ion:168 Resp: 670176

Ion Ratio Lower Upper

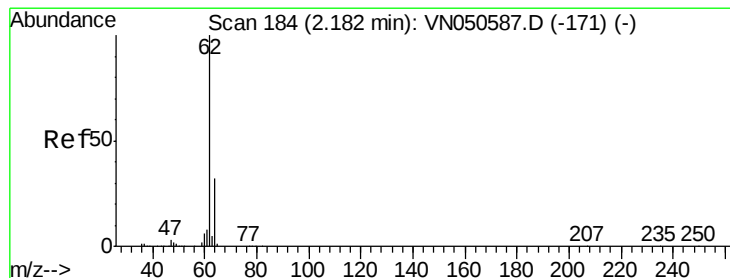
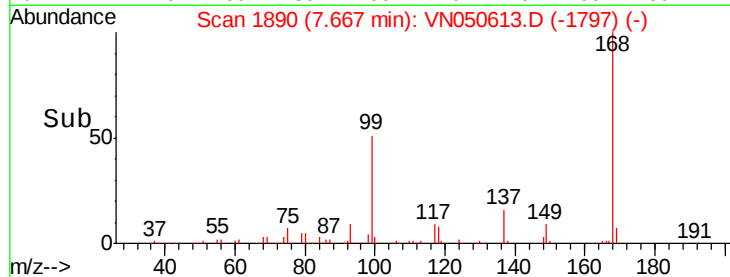
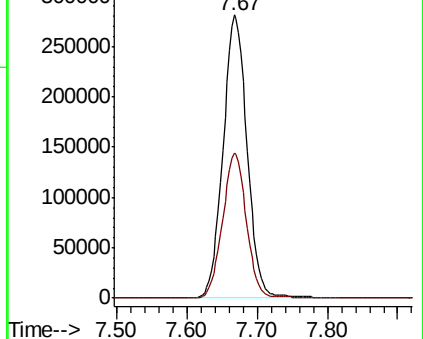
168 100

99 51.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 0.98 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050613.D

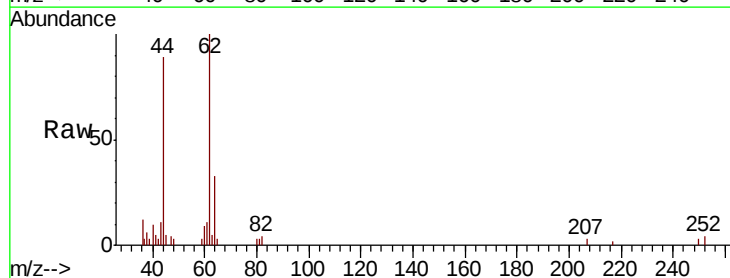
Acq: 14 Aug 2018 19:43

Tgt Ion: 62 Resp: 9880

Ion Ratio Lower Upper

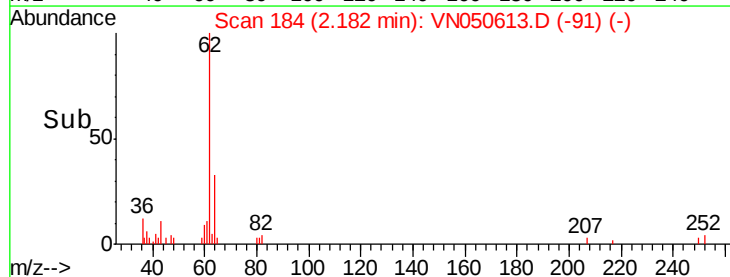
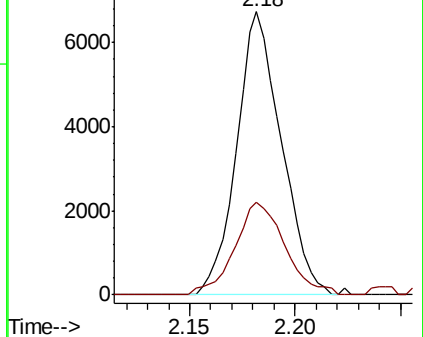
62 100

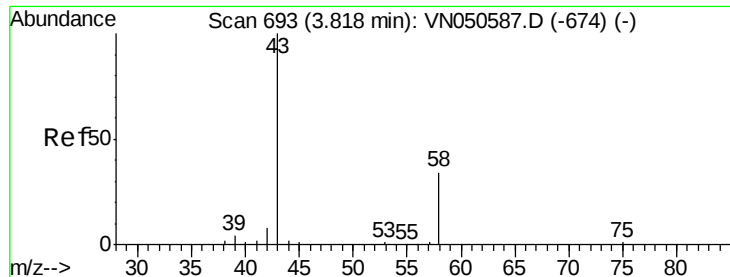
64 32.6 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#16

Acetone

Concen: 6.08 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050613.D

Acq: 14 Aug 2018 19:43

Instrument :

MSVOA_N

ClientSampleId :

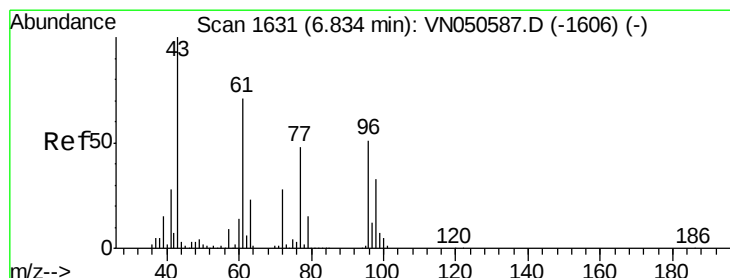
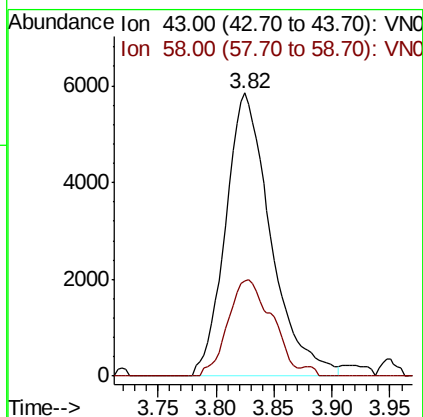
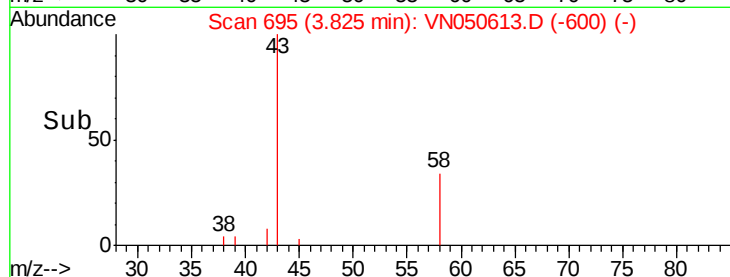
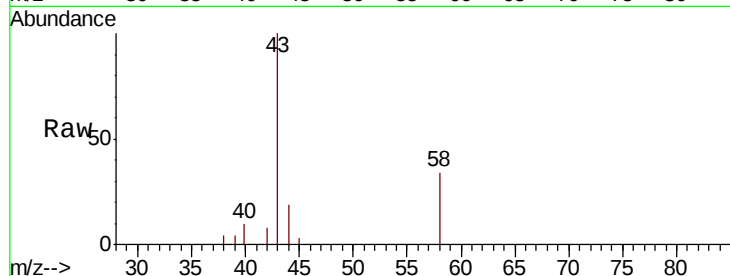
960-IW-21(17)

Tot Ion: 43 Resp: 15804

Ion Ratio Lower Upper

43 100

58 33.6 27.1 40.7



#27

cis-1,2-Dichloroethene

Concen: 43.93 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050613.D

Acq: 14 Aug 2018 19:43

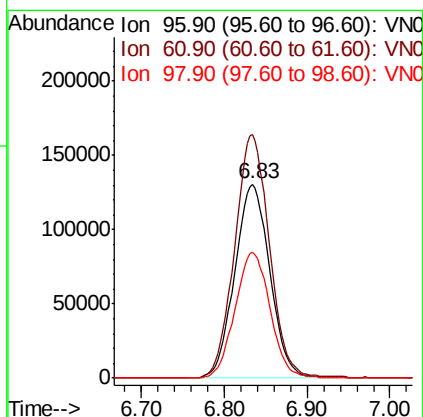
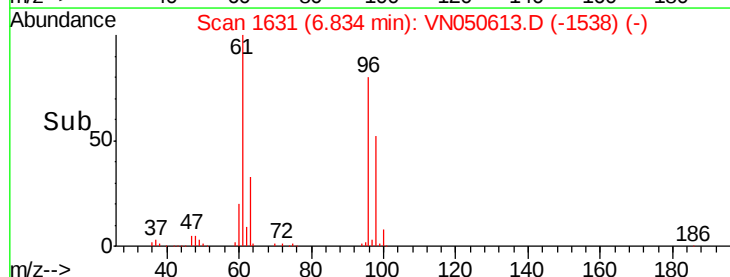
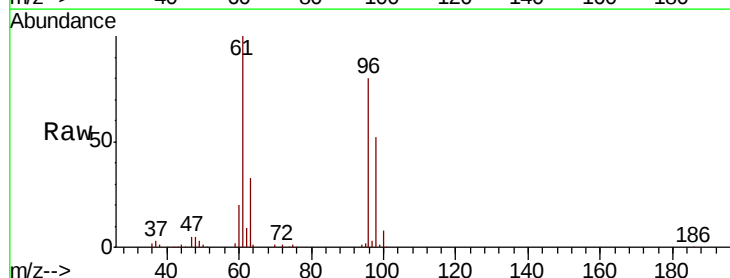
Tgt Ion: 96 Resp: 385639

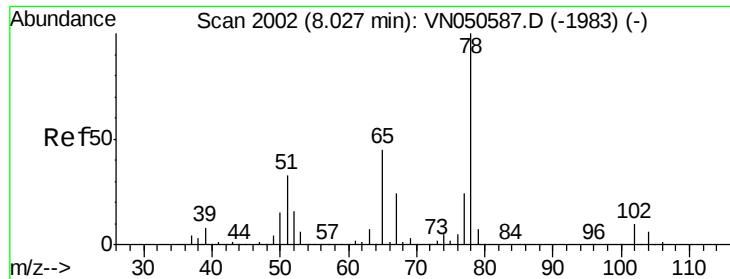
Ion Ratio Lower Upper

96 100

61 124.4 0.0 278.2

98 64.6 0.0 128.8

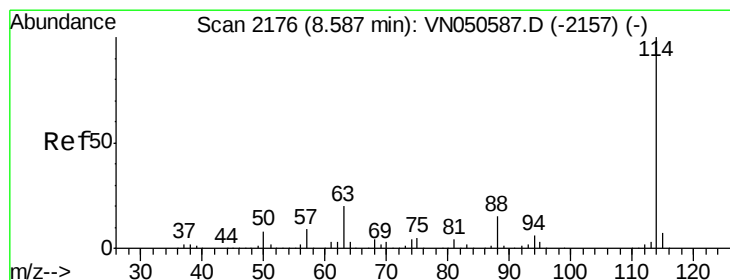
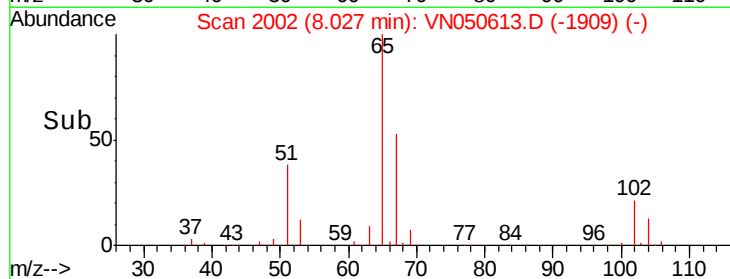
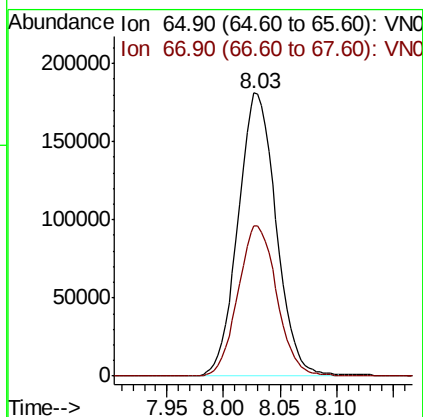
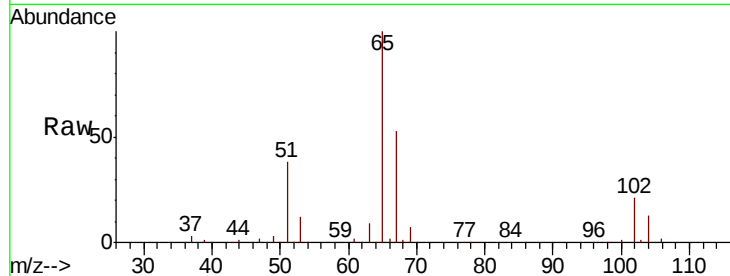




#33
 1,2-Dichloroethane-d4
 Concen: 50.33 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN050613.D
 Acq: 14 Aug 2018 19:43

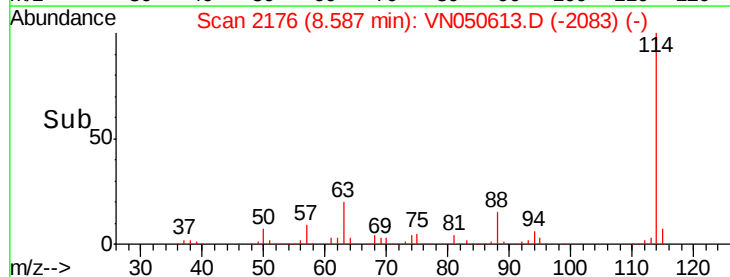
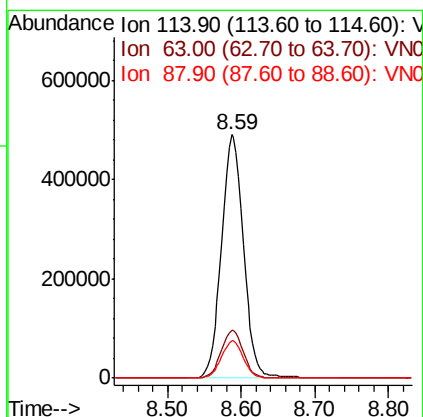
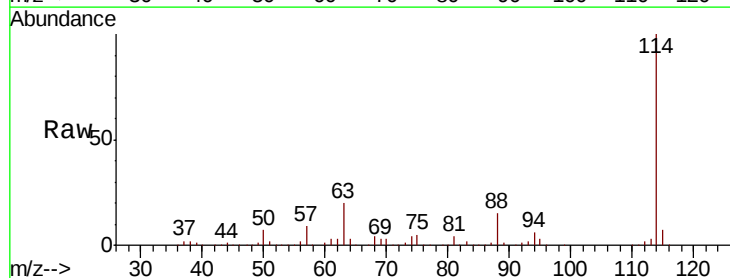
Instrument :
 MSVOA_N
 ClientSampleId :
 960-IW-21(17)

Tot Ion: 65 Resp: 425202
 Ion Ratio Lower Upper
 65 100
 67 54.2 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: VN050613.D
 Acq: 14 Aug 2018 19:43

Tgt Ion: 114 Resp: 1018571
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.4 0.0 30.8

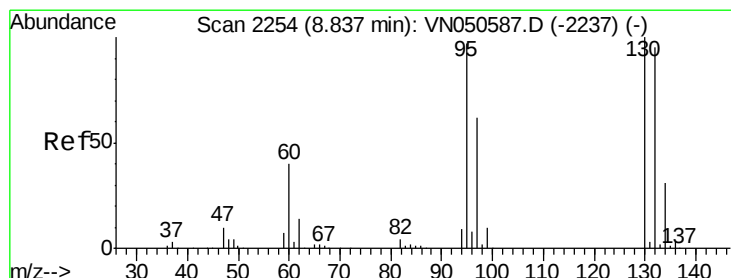
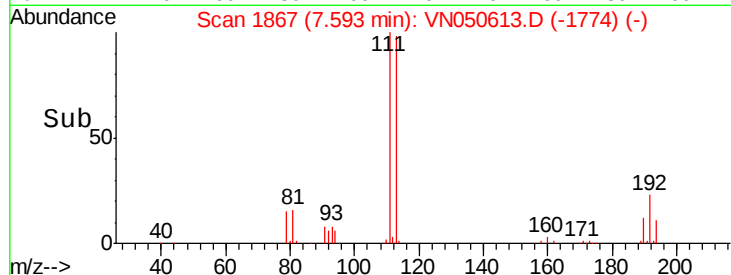
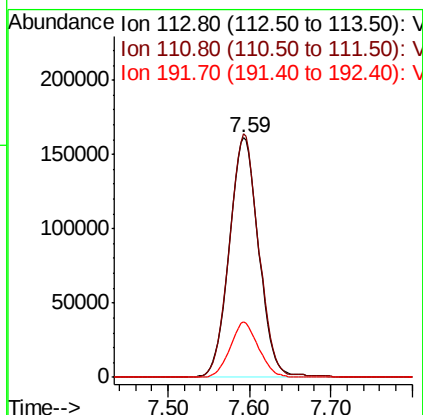
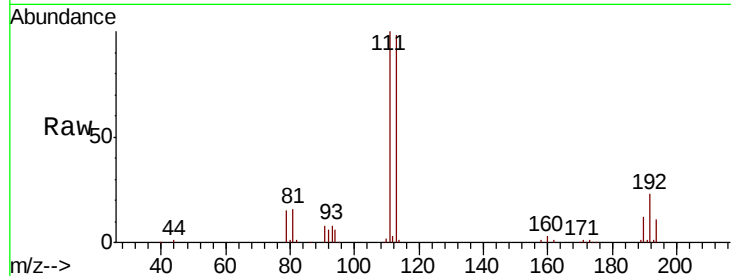




#35
 Dibromofluoromethane
 Concen: 50.17 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050613.D
 Acq: 14 Aug 2018 19:43

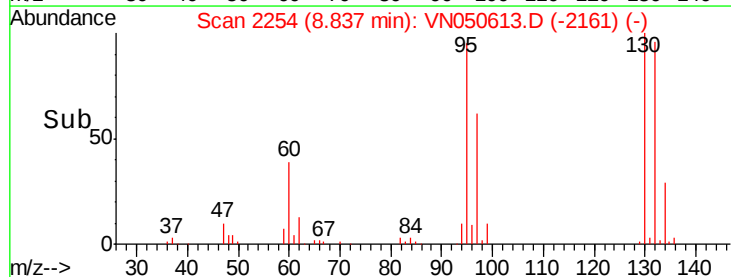
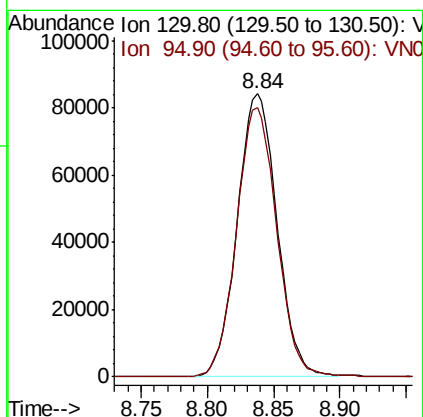
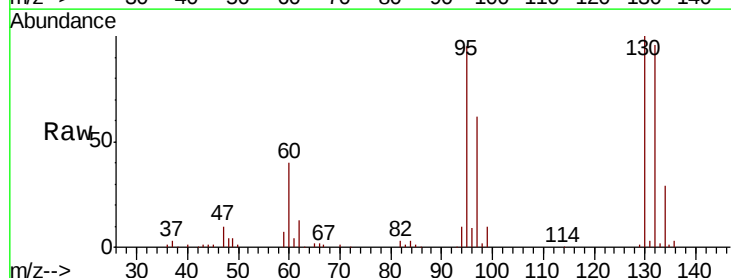
Instrument :
 MSVOA_N
 ClientSampleId :
 960-IW-21(17)

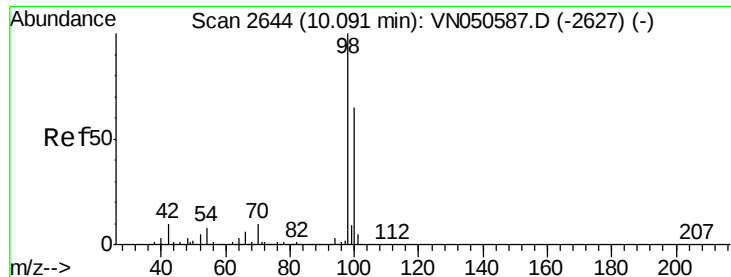
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.0	121.6
192	22.2	17.6	26.4



#44
 Trichloroethene
 Concen: 19.06 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN050613.D
 Acq: 14 Aug 2018 19:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	193.8





#50

Toluene-d8

Concen: 46.69 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050613.D

Acq: 14 Aug 2018 19:43

Instrument :

MSVOA_N

ClientSampleId :

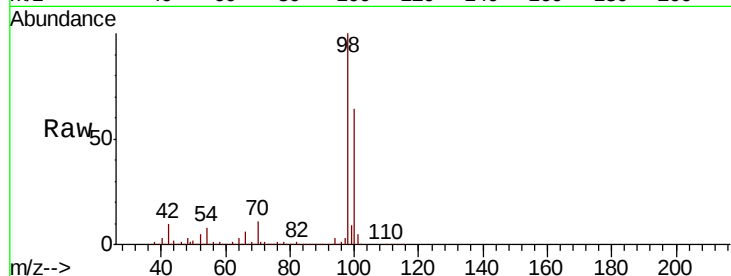
960-IW-21(17)

Tot Ion: 98 Resp: 1428996

Ion Ratio Lower Upper

98 100

100 63.0 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

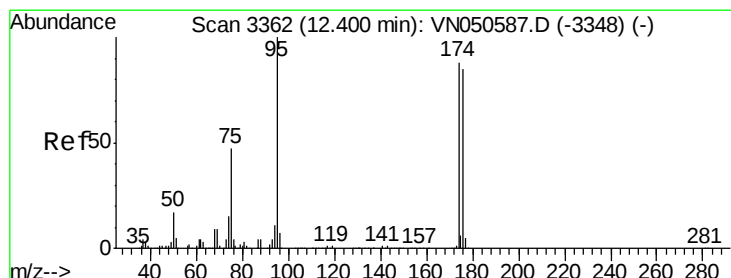
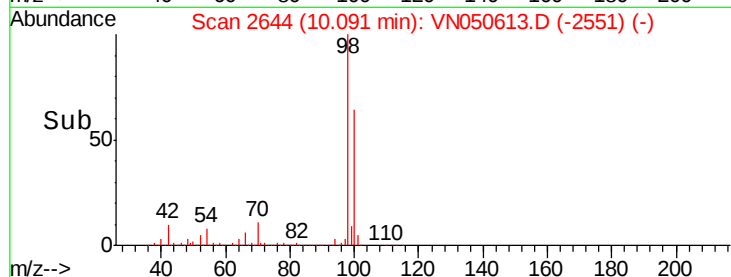
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.59 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050613.D

Acq: 14 Aug 2018 19:43

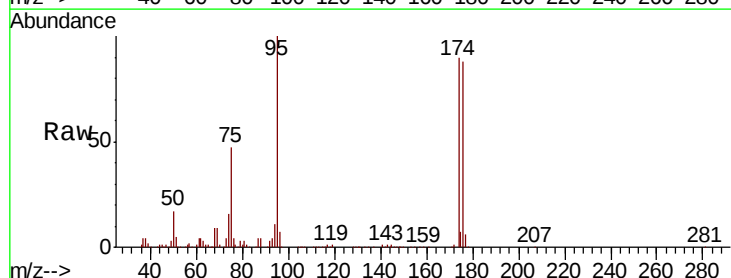
Tgt Ion: 95 Resp: 380092

Ion Ratio Lower Upper

95 100

174 91.2 0.0 177.8

176 88.1 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) (-)

12.40

300000

250000

200000

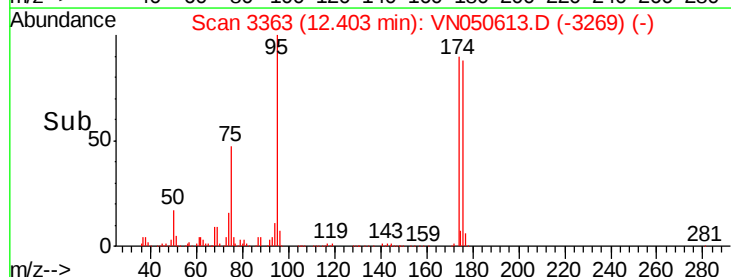
150000

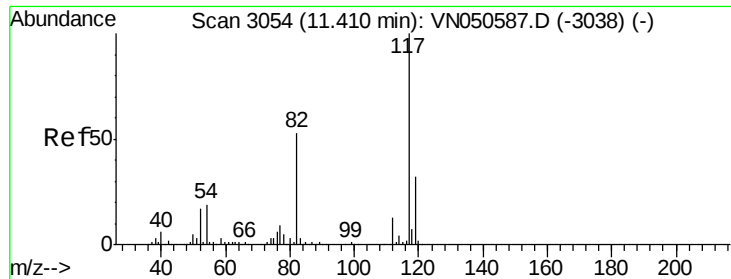
100000

50000

0

Time-->

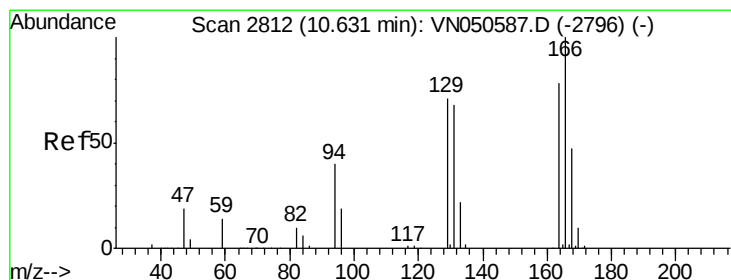
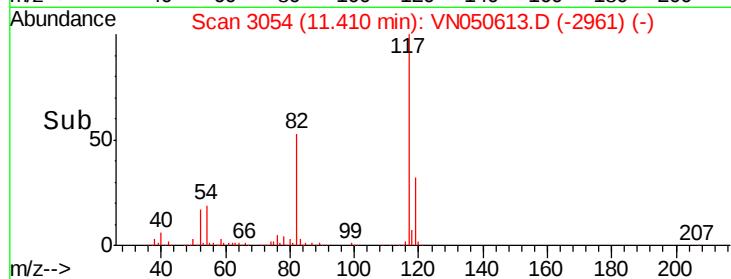
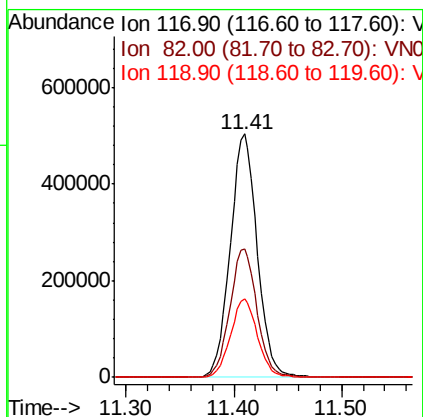
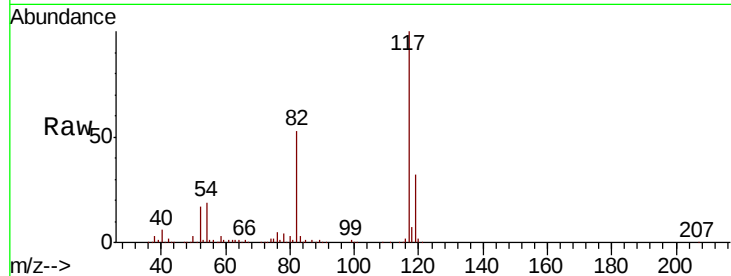




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050613.D
Acq: 14 Aug 2018 19:43

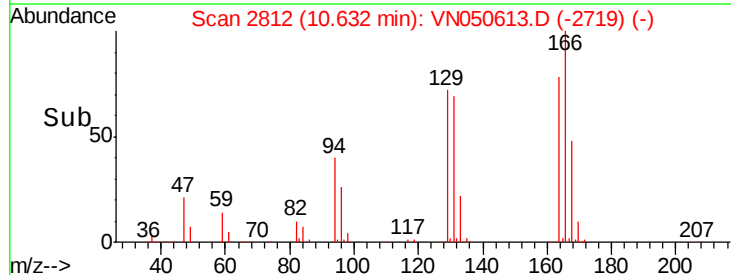
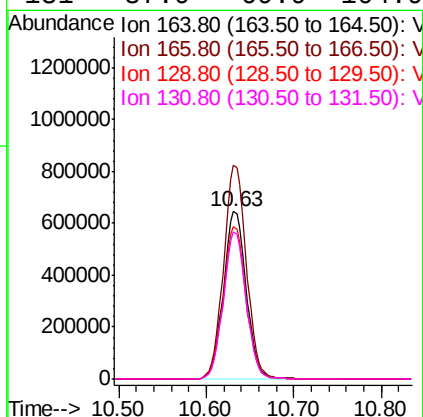
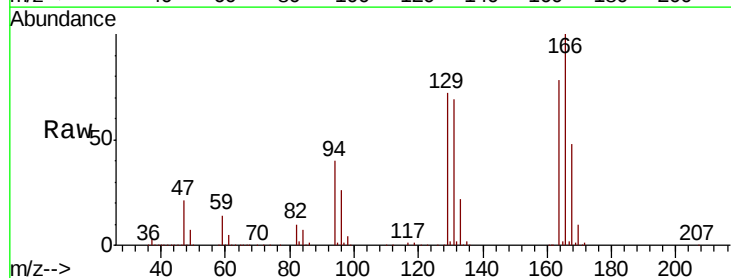
Instrument :
MSVOA_N
ClientSampleId :
960-IW-21(17)

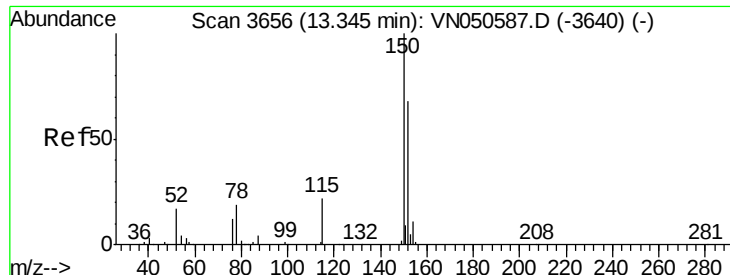
Tot Ion:117 Resp: 878169
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 143.00 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050613.D
Acq: 14 Aug 2018 19:43

Tgt Ion:164 Resp: 1166241
Ion Ratio Lower Upper
164 100
166 127.7 102.1 153.1
129 91.4 72.7 109.1
131 87.9 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: VN050613.D

Acq: 14 Aug 2018 19:43

Instrument :

MSVOA_N

ClientSampleId :

960-IW-21(17)

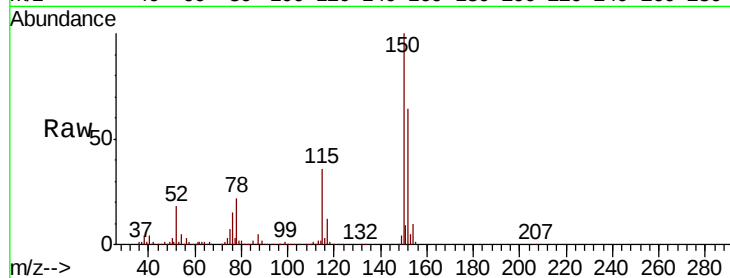
Tot Ion:152 Resp: 298973

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

150 156.7 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

