

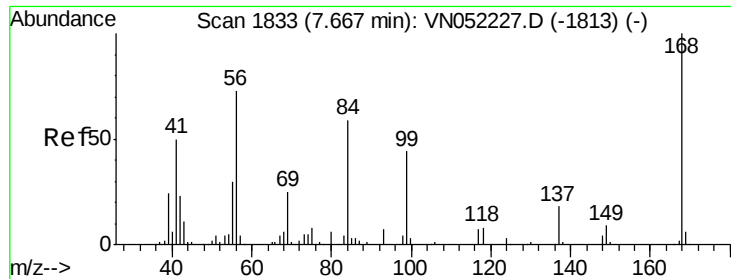
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052234.D
 Acq On : 9 Nov 2018 18:28
 Operator : MD\SY
 Sample : J5893-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Nov 12 03:23:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	347849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	580116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	483405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	168696	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	222153	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	7.59	113	179435	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	10.09	98	704815	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
62) 4-Bromofluorobenzene	12.40	95	208440	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	
Target Compounds						
					Qvalue	
13) Acrolein	3.61	56	173	34.494	ug/l #	55
16) Acetone	3.80	43	203	Below Cal	#	46
31) Cyclohexane	7.66	56	9927	0.668	ug/l #	43
36) 1,1-Dichloropropene	7.66	75	30671	5.238	ug/l #	51
38) Carbon Tetrachloride	7.66	117	36647	6.906	ug/l #	16
76) 1,2,3-Trichloropropane	12.40	75	111432	37.335	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	111432	127.440	ug/l #	8

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052234.D

Acq: 9 Nov 2018 18:28

Instrument :

MSVOA_N

ClientSampleId :

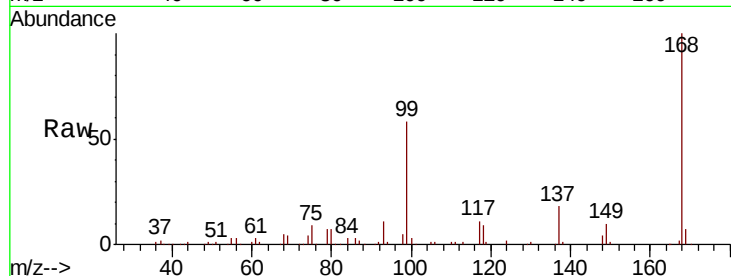
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 347849

Ion Ratio Lower Upper

168 100

99 58.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

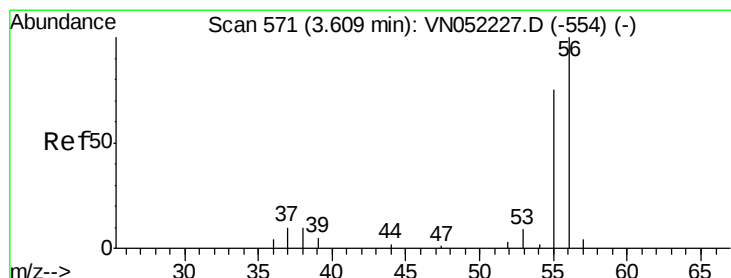
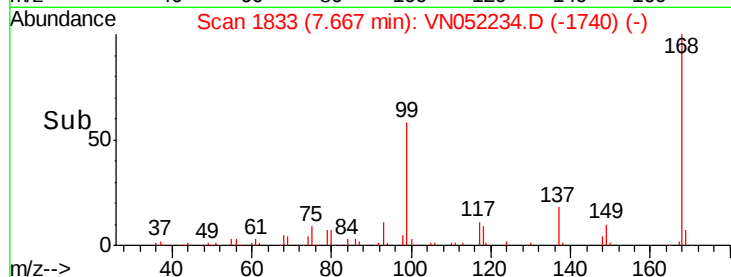
100000

50000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#13

Acrolein

Concen: 34.494 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN052234.D

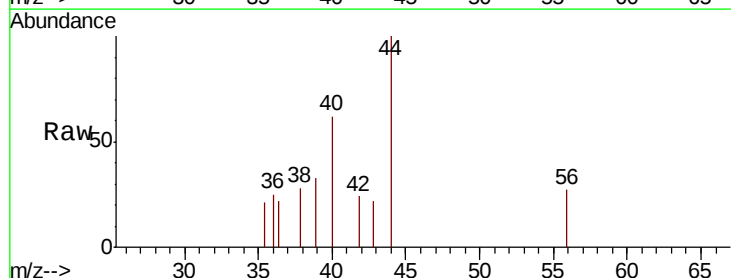
Acq: 9 Nov 2018 18:28

Tgt Ion: 56 Resp: 173

Ion Ratio Lower Upper

56 100

55 36.4 59.9 89.9#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.61

250

200

150

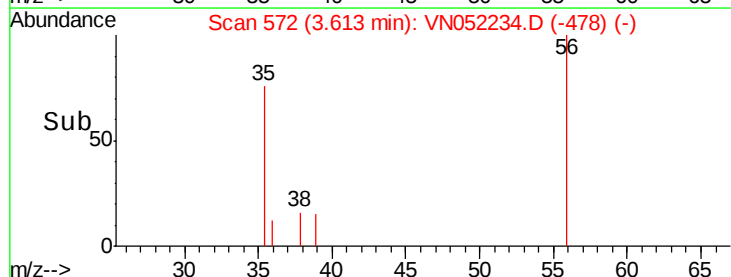
100

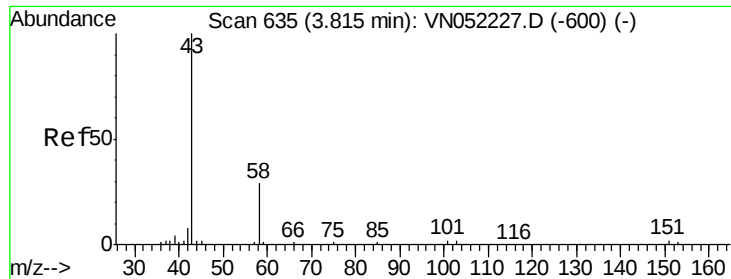
50

0

Time-->

3.60 3.61 3.62

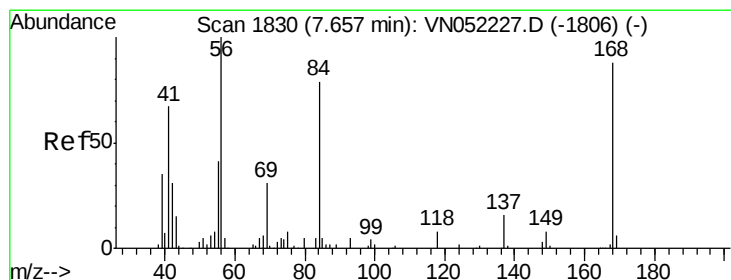
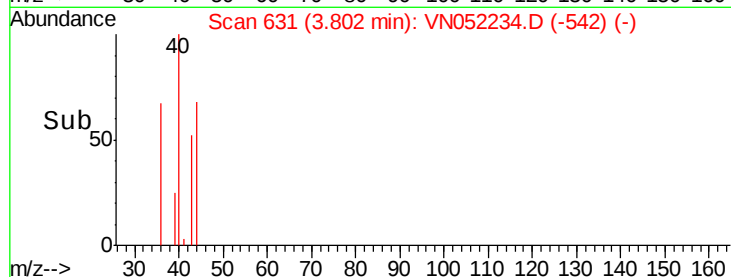
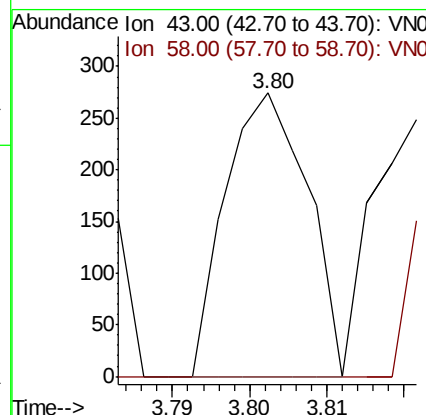
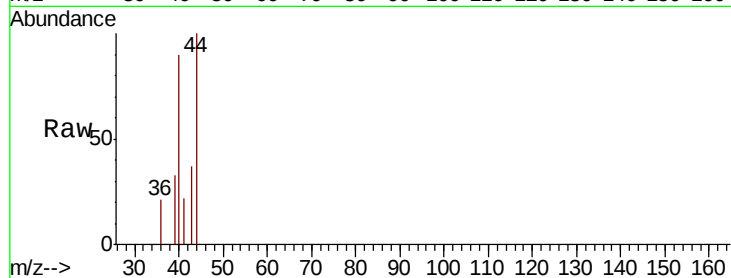




#16
Acetone
Concen: Below Cal
RT: 3.80 min Scan# 631
Delta R.T. -0.01 min
Lab File: VN052234.D
Acq: 9 Nov 2018 18:28

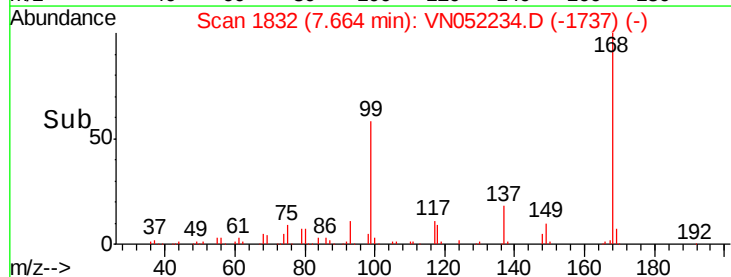
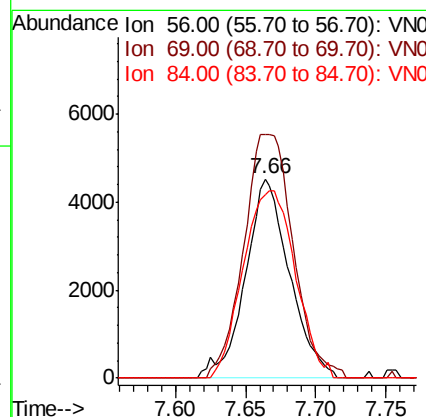
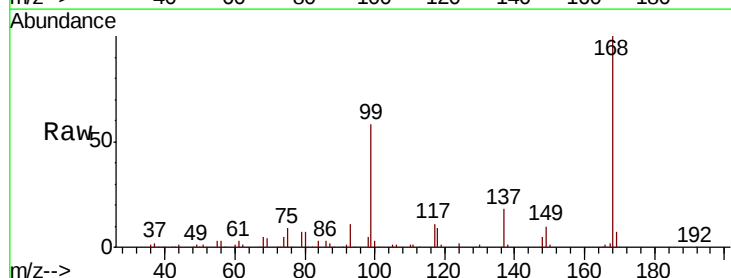
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

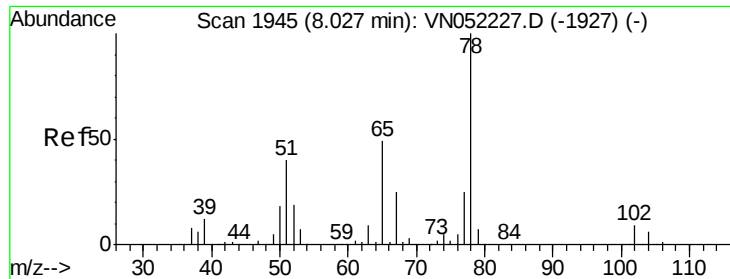
Tot Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#



#31
Cyclohexane
Concen: 0.668 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052234.D
Acq: 9 Nov 2018 18:28

Tgt Ion: 56 Resp: 9927
Ion Ratio Lower Upper
56 100
69 122.1 24.8 37.2#
84 91.9 63.1 94.7

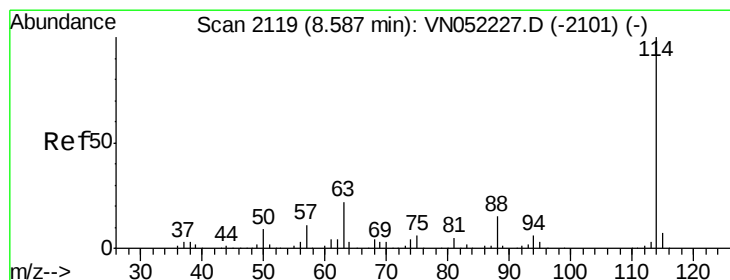
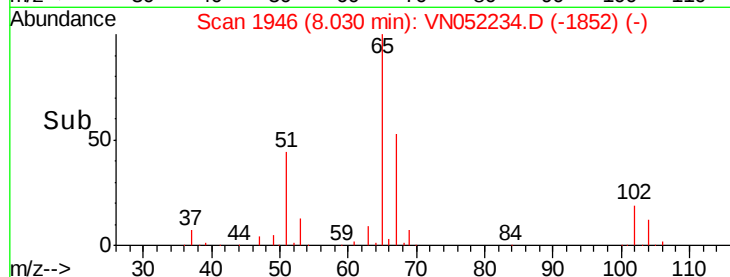
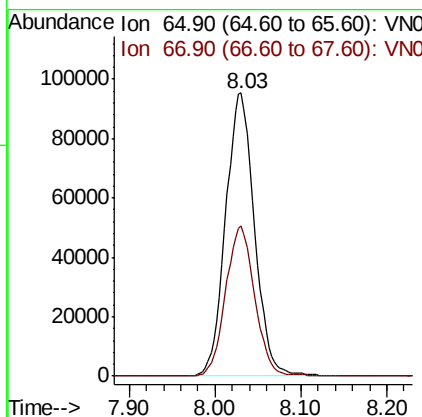
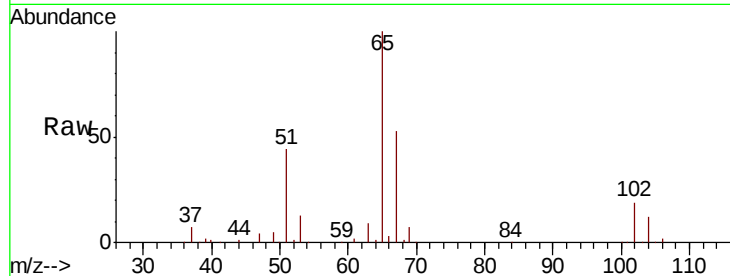




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052234.D
 Acq: 9 Nov 2018 18:28

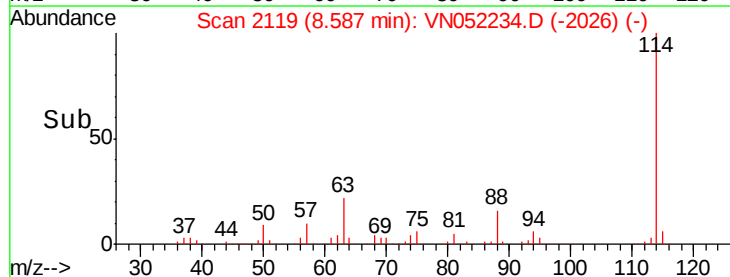
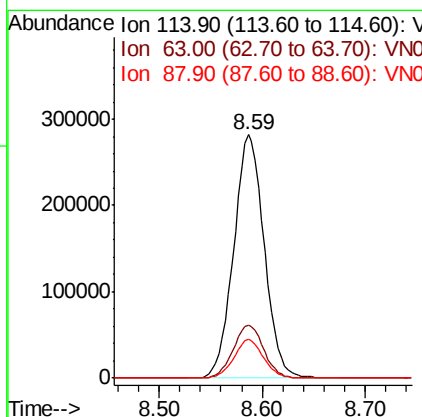
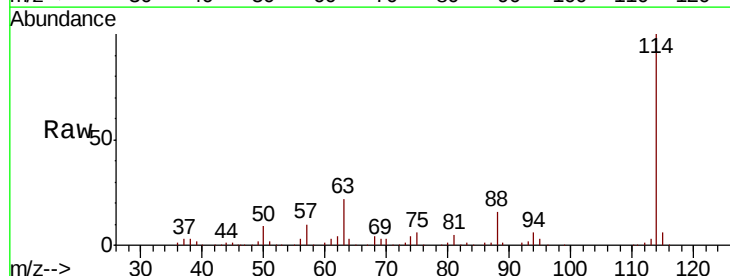
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

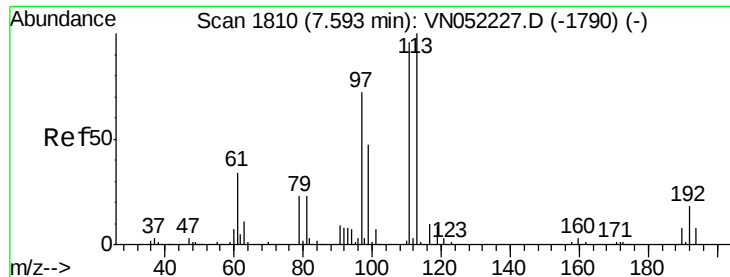
Tot Ion: 65 Resp: 222153
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052234.D
 Acq: 9 Nov 2018 18:28

Tgt Ion: 114 Resp: 580116
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.4
 88 16.1 0.0 30.2

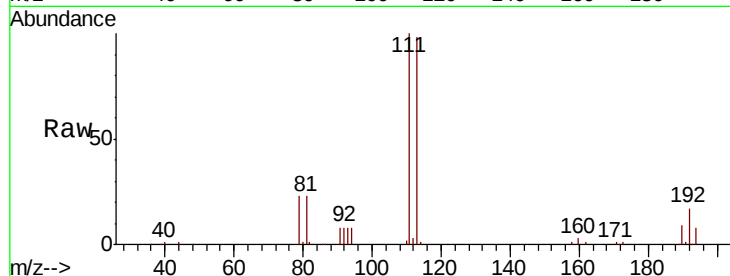




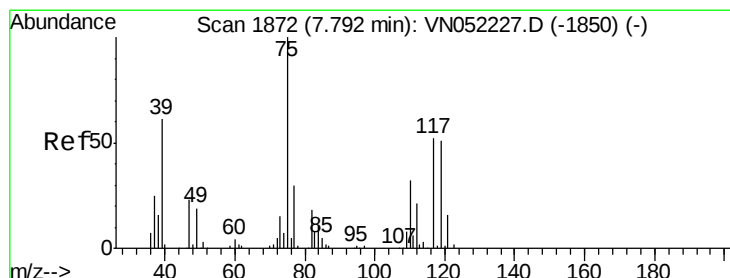
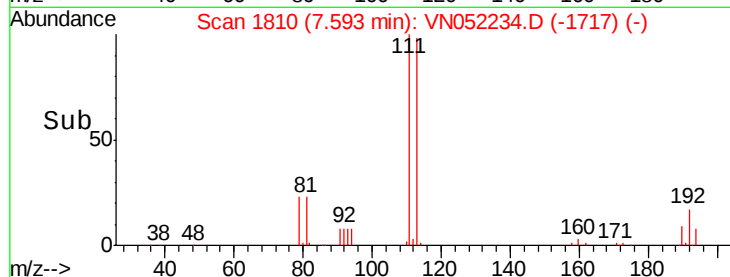
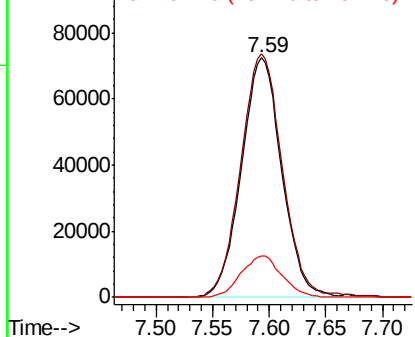
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052234.D
Acq: 9 Nov 2018 18:28

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:113 Resp: 179435
Ion Ratio Lower Upper
113 100
111 105.3 80.2 120.4
192 17.7 14.1 21.1

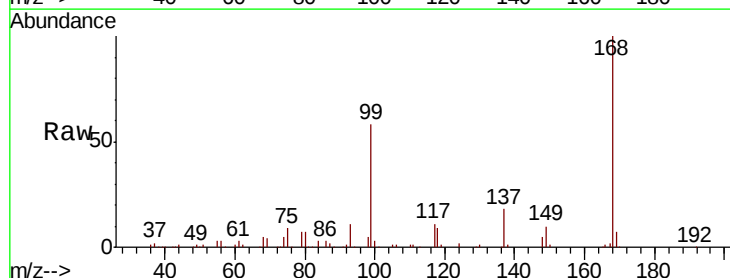


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

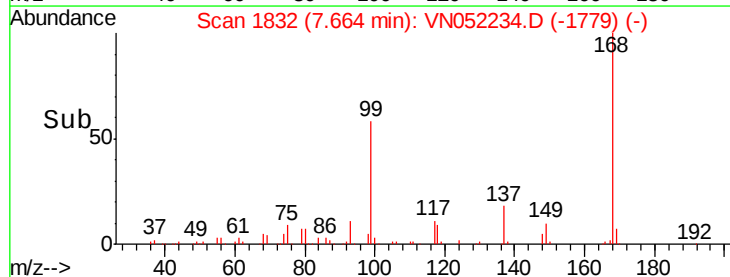
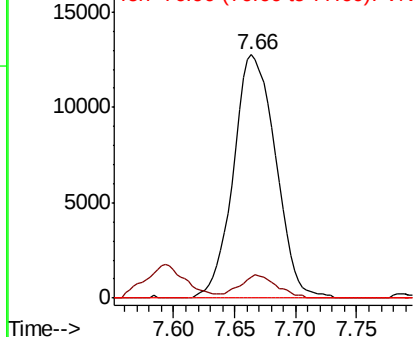


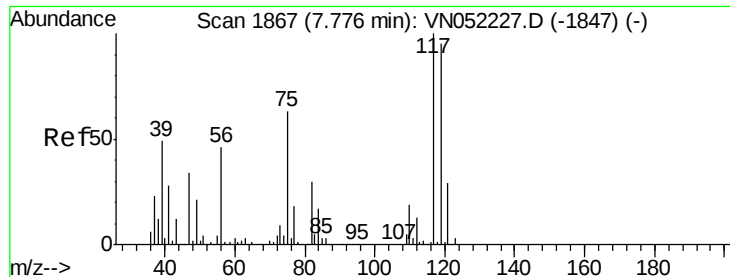
#36
1,1-Dichloropropene
Concen: 5.238 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN052234.D
Acq: 9 Nov 2018 18:28

Tgt Ion: 75 Resp: 30671
Ion Ratio Lower Upper
75 100
110 8.3 16.4 49.4#
77 0.0 23.9 35.9#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.906 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN052234.D

Acq: 9 Nov 2018 18:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

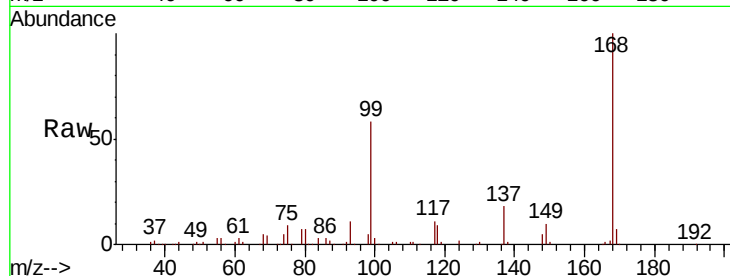
Tot Ion:117 Resp: 36647

Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.8#

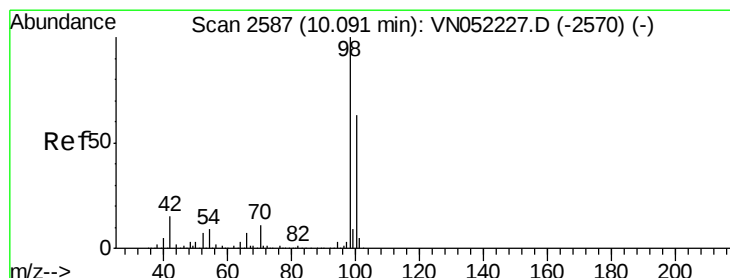
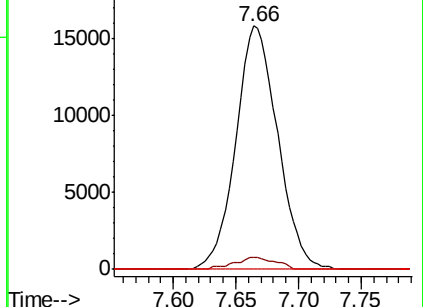
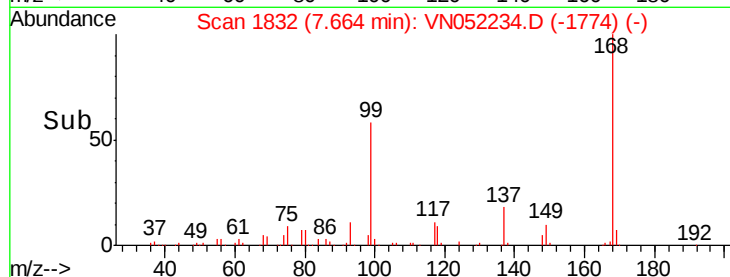
121 0.0 23.4 35.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052234.D

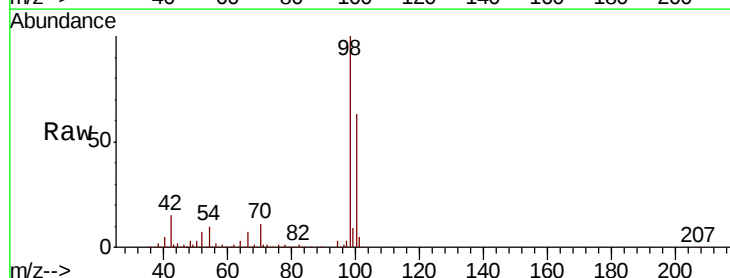
Acq: 9 Nov 2018 18:28

Tgt Ion: 98 Resp: 704815

Ion Ratio Lower Upper

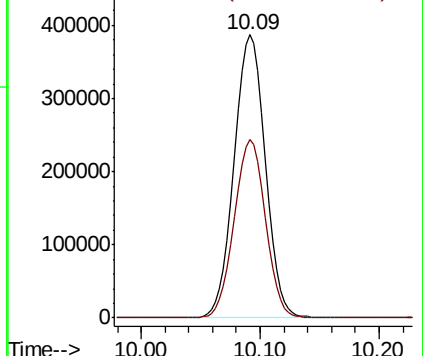
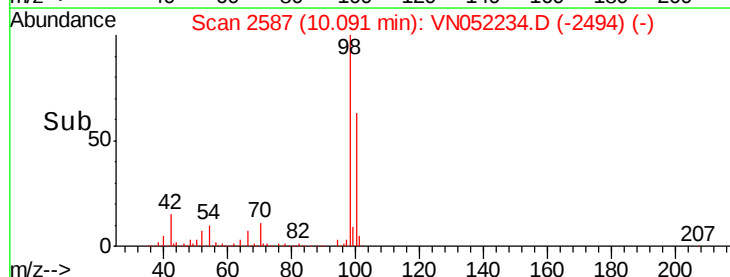
98 100

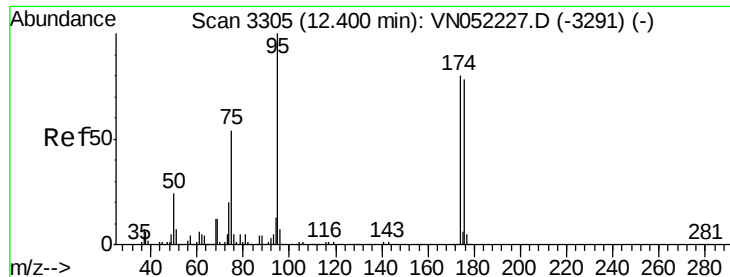
100 63.0 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

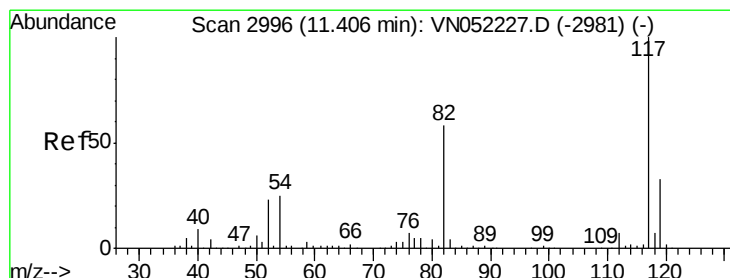
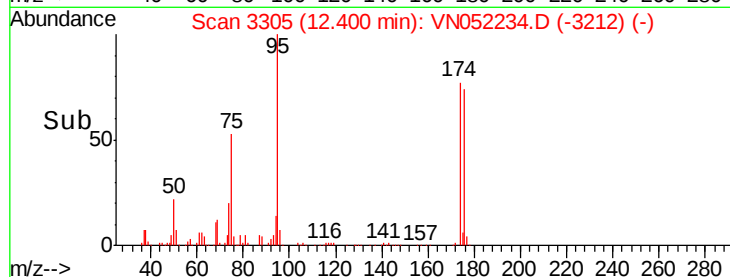
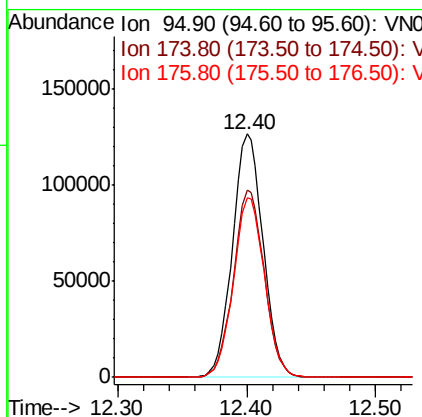
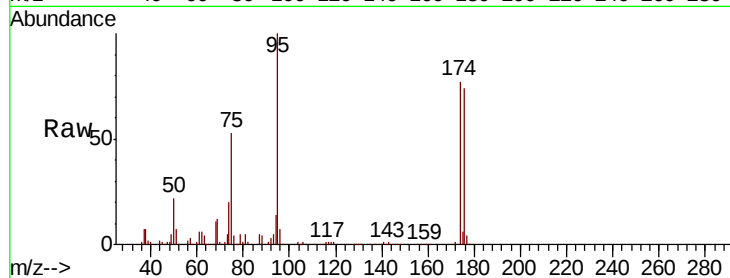




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052234.D
Acq: 9 Nov 2018 18:28

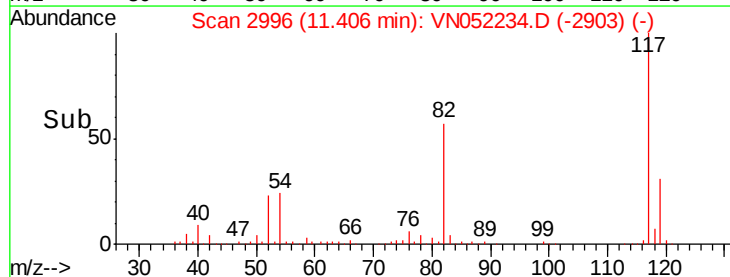
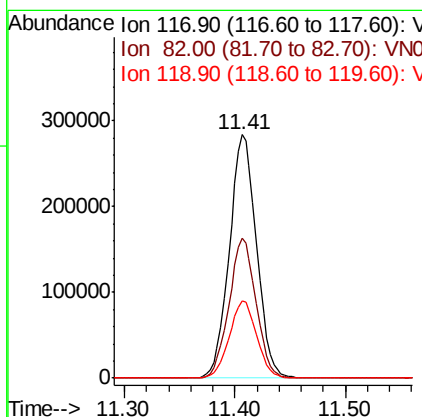
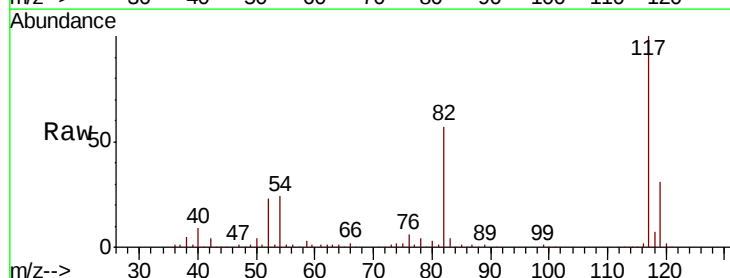
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

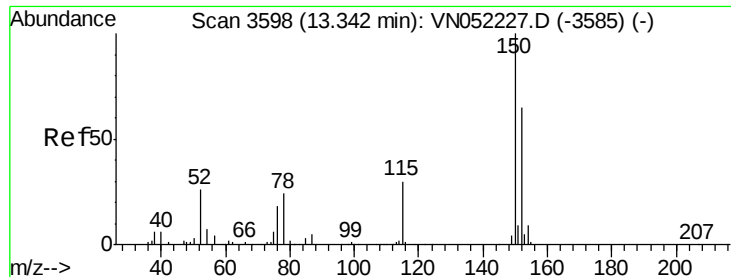
Tot Ion: 95 Resp: 208440
Ion Ratio Lower Upper
95 100
174 77.2 0.0 159.4
176 74.8 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052234.D
Acq: 9 Nov 2018 18:28

Tgt Ion: 117 Resp: 483405
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.2
119 31.5 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052234.D

Acq: 9 Nov 2018 18:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

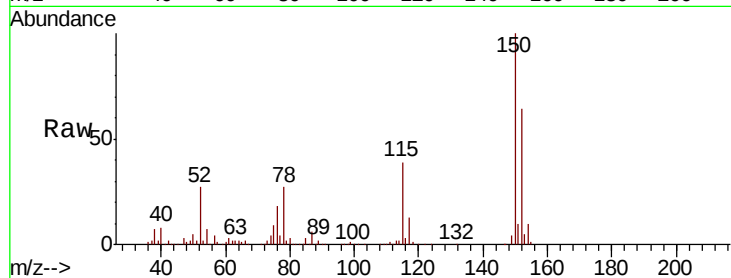
Tot Ion:152 Resp: 168696

Ion Ratio Lower Upper

152 100

115 60.7 29.8 89.5

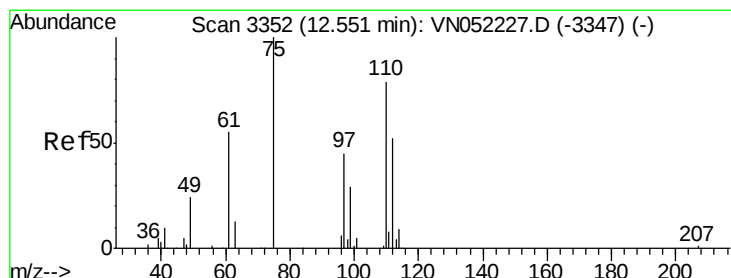
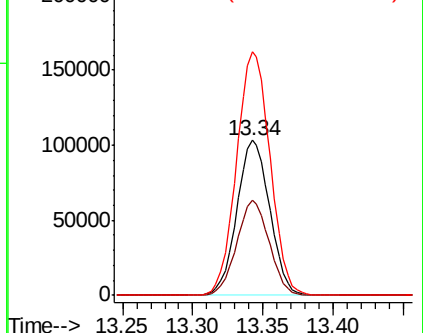
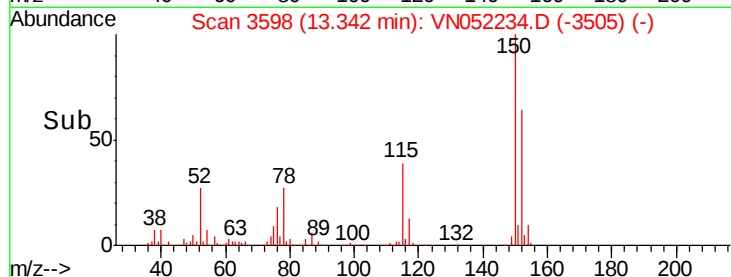
150 160.2 0.0 350.2



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



#76

1,2,3-Trichloropropane

Concen: 37.335 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052234.D

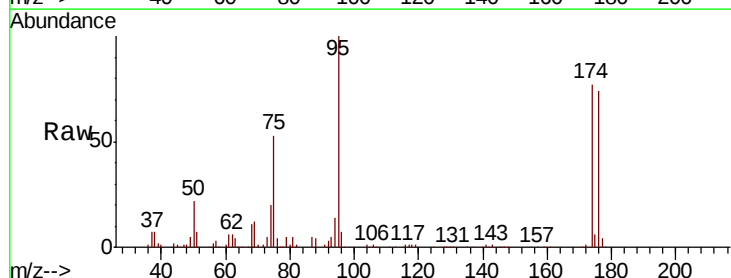
Acq: 9 Nov 2018 18:28

Tgt Ion: 75 Resp: 111432

Ion Ratio Lower Upper

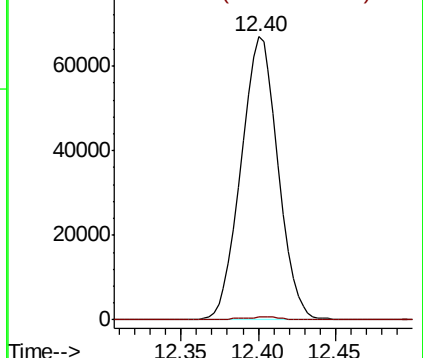
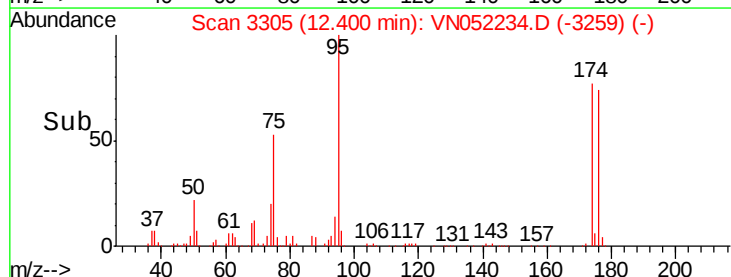
75 100

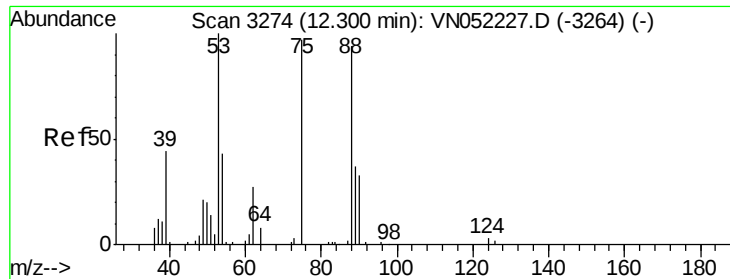
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 127.440 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052234.D

Acq: 9 Nov 2018 18:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

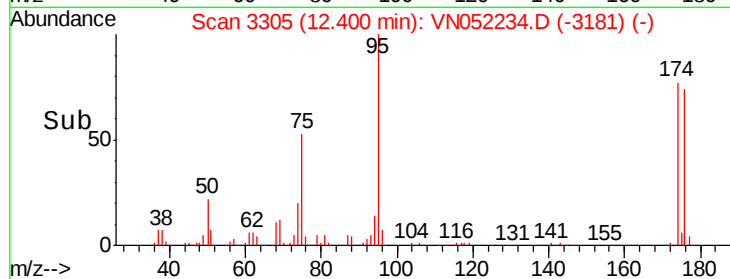
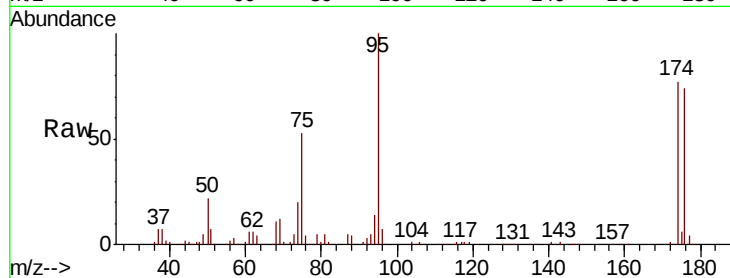
Tot Ion: 75 Resp: 111432

Ion Ratio Lower Upper

75 100

53 0.0 84.0 126.0#

89 0.0 33.7 50.5#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

