

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082418\
 Data File : VN050884.D
 Acq On : 24 Aug 2018 18:10
 Operator : MD\SY
 Sample : J4653-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE BLANK-WATERREF-4

Quant Time: Aug 24 22:57:01 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	604495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	977267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	794493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237666	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	399490	54.90	ug/l	0.00
Spiked Amount			Recovery	=	109.80%	
35) Dibromofluoromethane	7.59	113	378378	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
50) Toluene-d8	10.09	98	1332029	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
62) 4-Bromofluorobenzene	12.40	95	325667	33.72	ug/l	0.00
Spiked Amount			Recovery	=	67.44%	

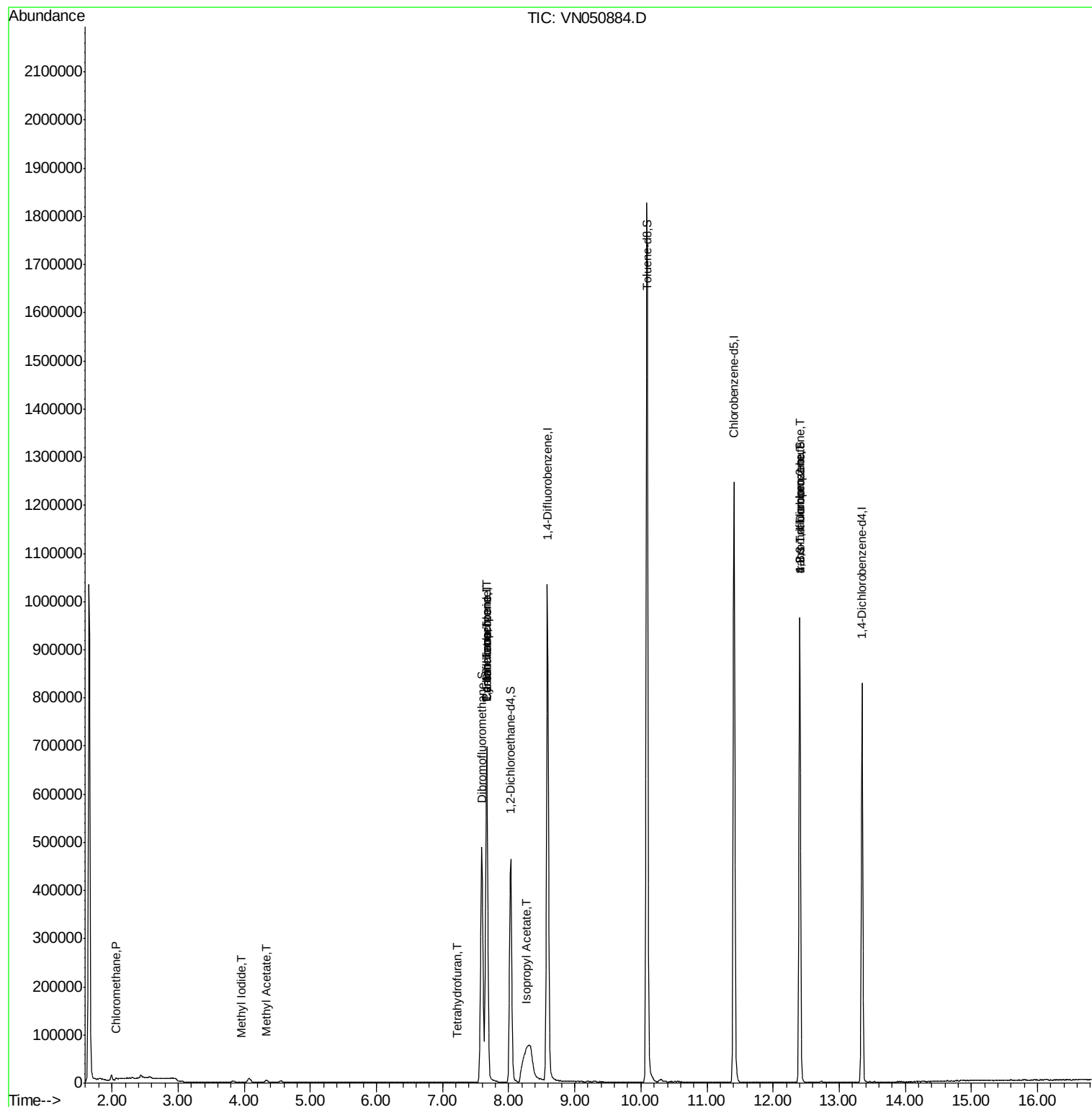
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2735	0.27	ug/l	92
5) Bromomethane	2.57	94	2925	Below Cal	#	69
10) Methyl Iodide	3.95	142	322	6.38	ug/l	43
16) Acetone	3.82	43	1793	Below Cal	#	87
18) Methyl Acetate	4.34	43	9758	1.42	ug/l	94
29) Tetrahydrofuran	7.22	42	493	0.29	ug/l	33
31) Cyclohexane	7.66	56	10770	1.33	ug/l	1
36) 1,1-Dichloropropene	7.66	75	40780	3.54	ug/l	48
38) Carbon Tetrachloride	7.67	117	53484	4.59	ug/l	17
43) Isopropyl Acetate	8.26	43	88163	7.74	ug/l	58
76) 1,2,3-Trichloropropane	12.40	75	155350	37.32	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	155350	126.16	ug/l	15

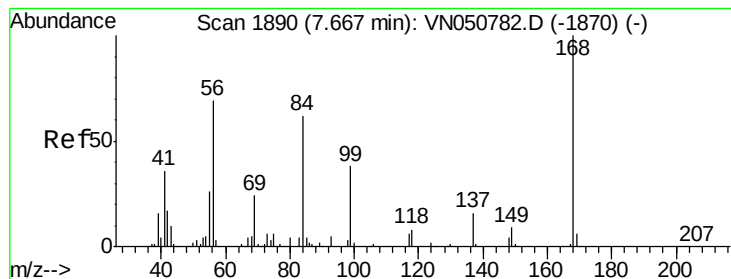
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 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: VN050884.D

Acq: 24 Aug 2018 18:10

Instrument :

MSVOA_N

ClientSampleId :

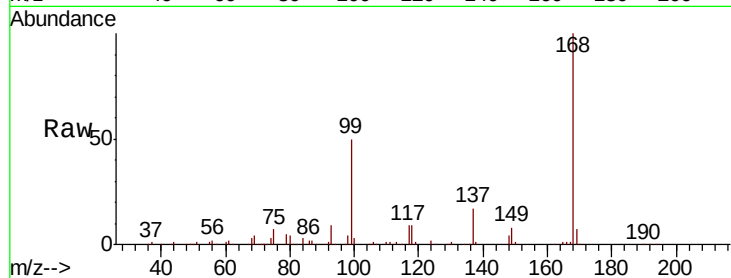
STORAGEBLANK-WATERREF-4

Tot Ion:168 Resp: 604495

Ion Ratio Lower Upper

168 100

99 50.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050782.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050782.D (-1870) (-)

7.67

250000

200000

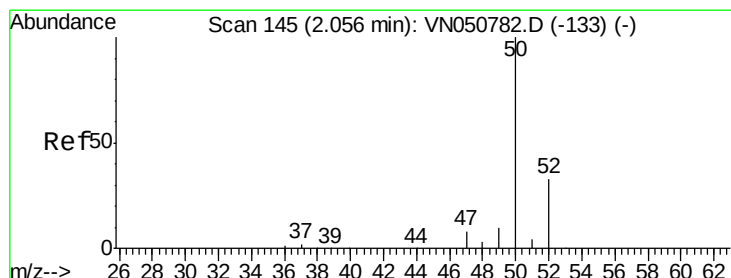
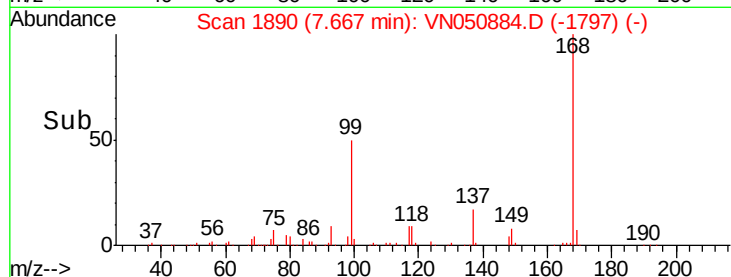
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.27 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050884.D

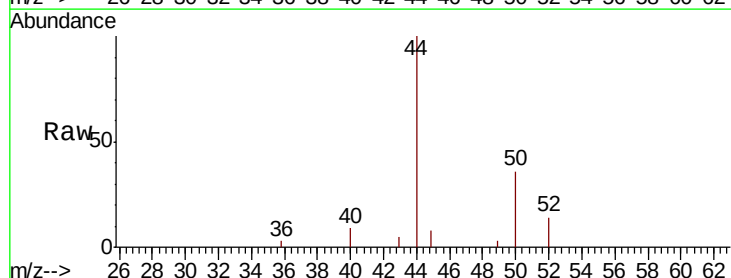
Acq: 24 Aug 2018 18:10

Tgt Ion: 50 Resp: 2735

Ion Ratio Lower Upper

50 100

52 37.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN050782.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN050782.D (-133) (-)

2.06

2000

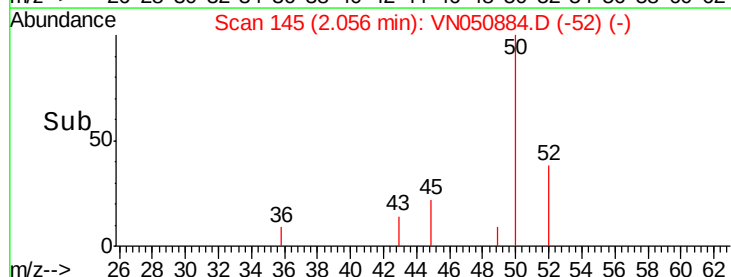
1500

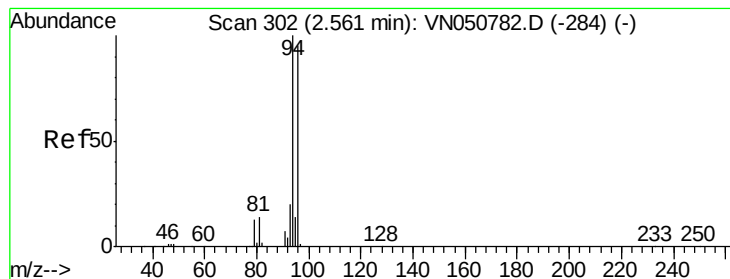
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050884.D

Acq: 24 Aug 2018 18:10

Instrument :

MSVOA_N

ClientSampleId :

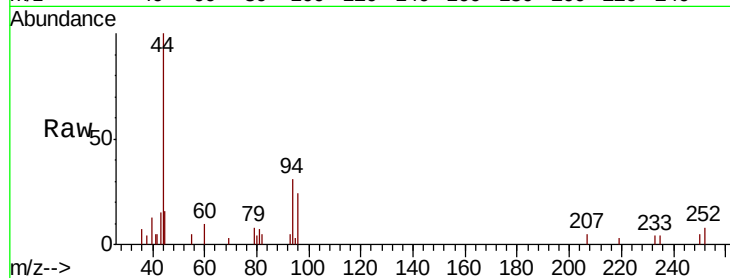
STORAGEBLANK-WATERREF-4

Tot Ion: 94 Resp: 2925

Ion Ratio Lower Upper

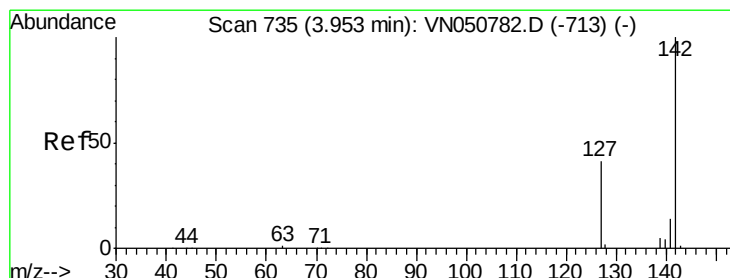
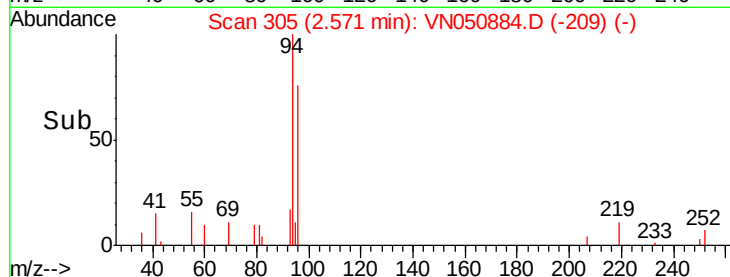
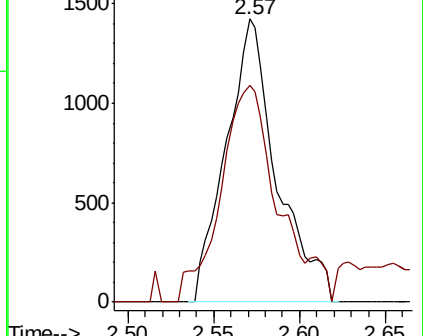
94 100

96 65.5 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 6.38 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050884.D

Acq: 24 Aug 2018 18:10

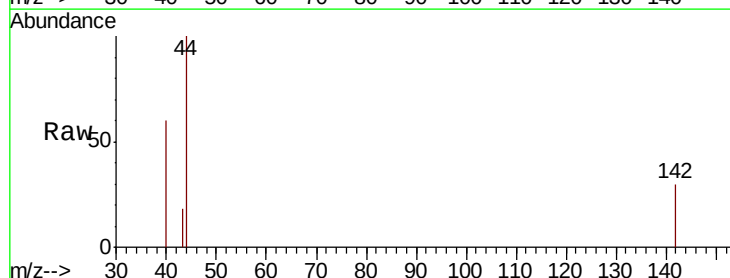
Tgt Ion:142 Resp: 322

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

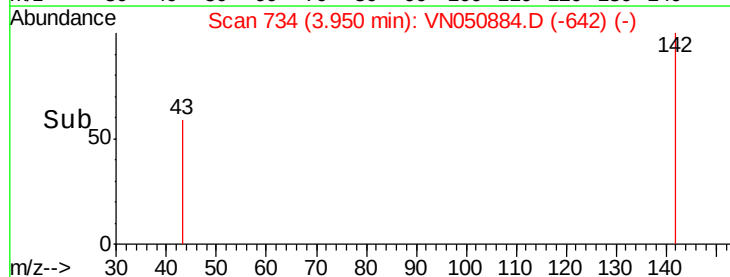
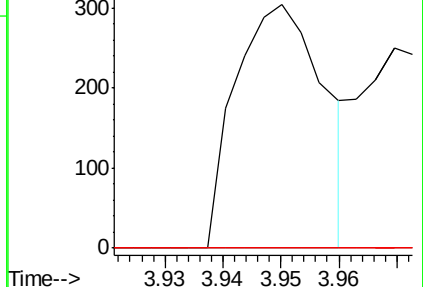
141 0.0 11.4 17.0#

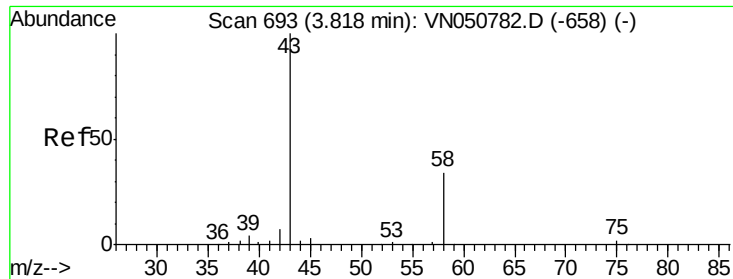


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN050884.D

Acq: 24 Aug 2018 18:10

Instrument :

MSVOA_N

ClientSampleId :

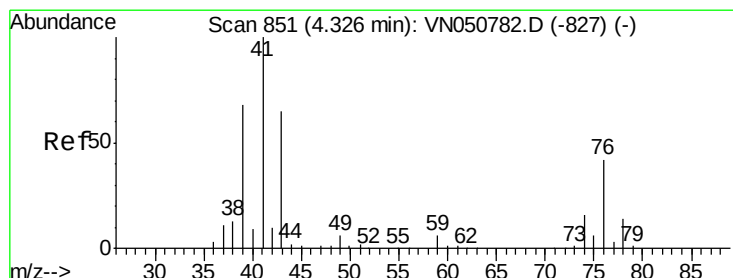
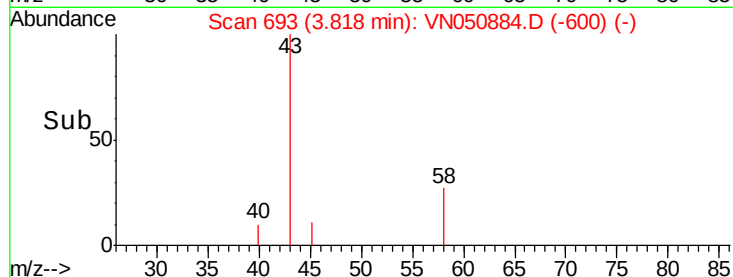
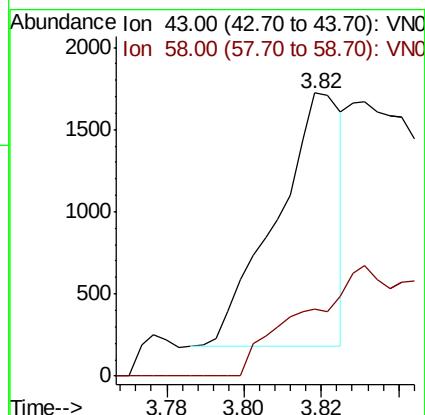
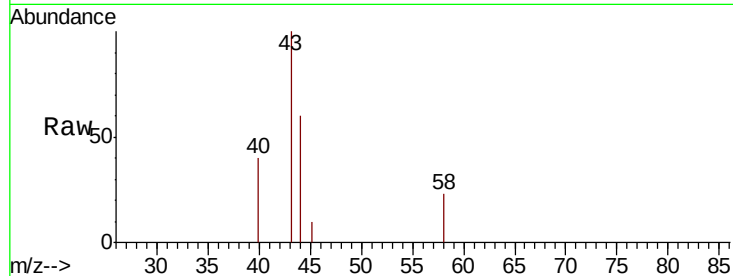
STORAGEBLANK-WATERREF-4

Tot Ion: 43 Resp: 1793

Ion Ratio Lower Upper

43 100

58 26.3 27.2 40.8#



#18

Methyl Acetate

Concen: 1.42 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050884.D

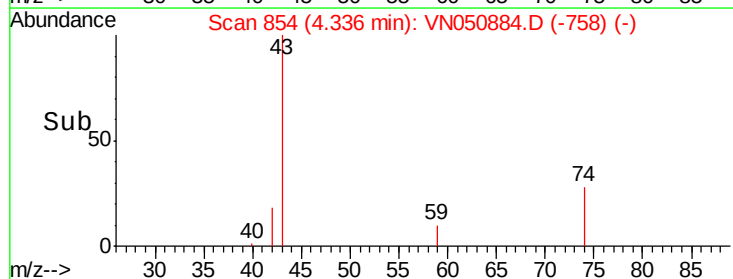
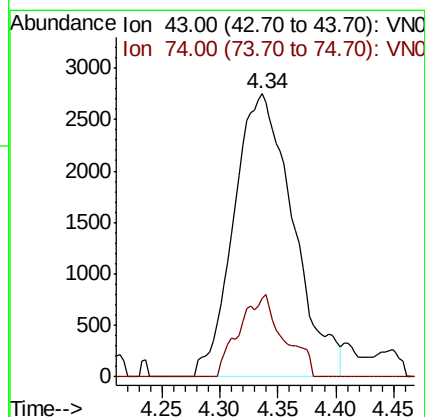
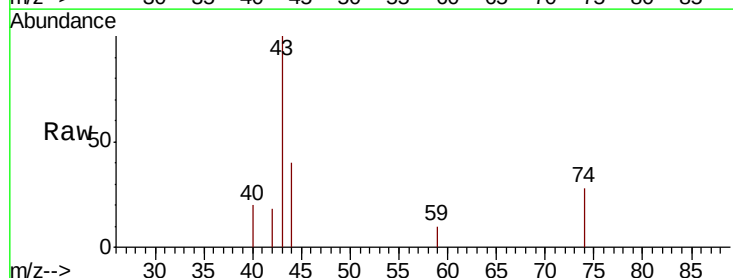
Acq: 24 Aug 2018 18:10

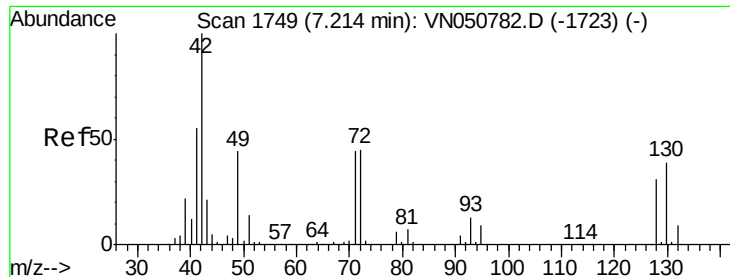
Tgt Ion: 43 Resp: 9758

Ion Ratio Lower Upper

43 100

74 21.9 19.8 29.8





#29

Tetrahydrofuran

Concen: 0.29 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050884.D

Acq: 24 Aug 2018 18:10

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-WATERREF-4

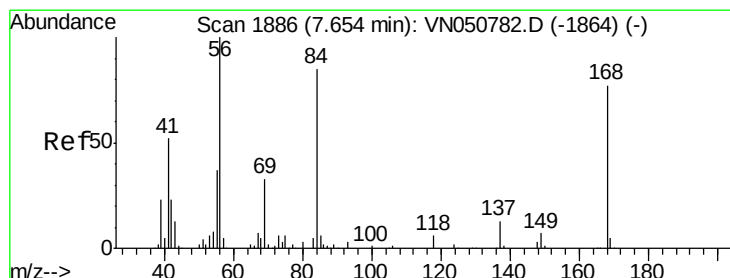
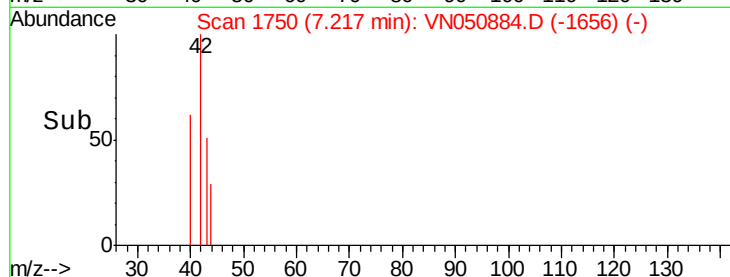
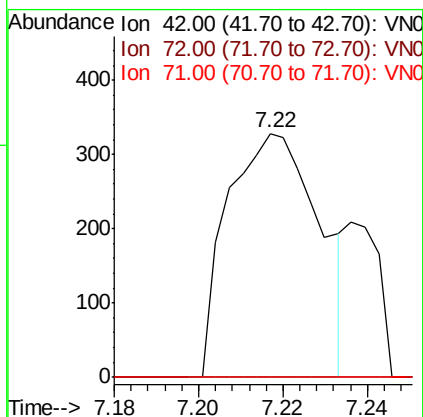
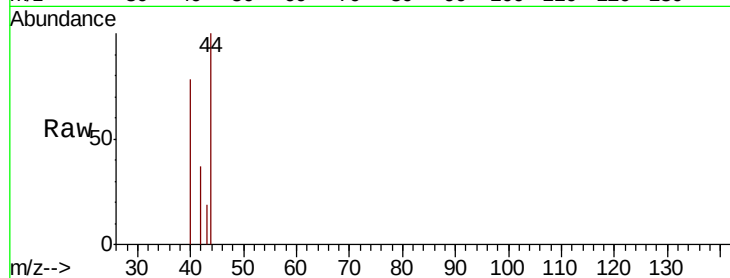
Tot Ion: 42 Resp: 493

Ion Ratio Lower Upper

42 100

72 0.0 35.5 53.3#

71 0.0 33.7 50.5#



#31

Cyclohexane

Concen: 1.33 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050884.D

Acq: 24 Aug 2018 18:10

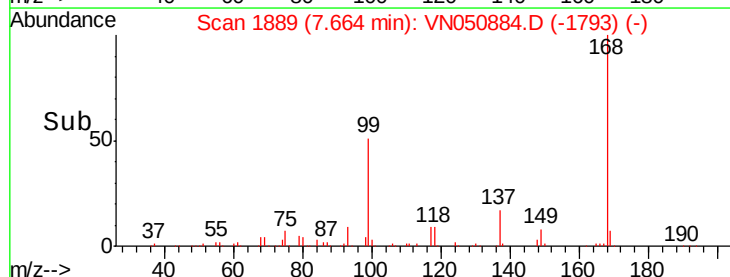
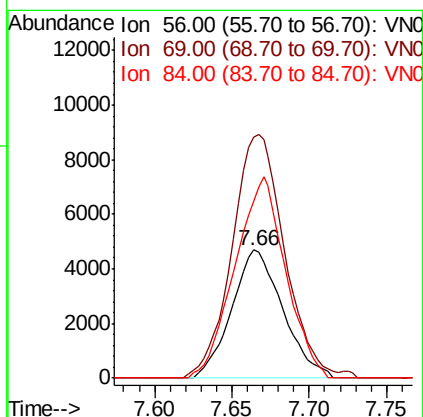
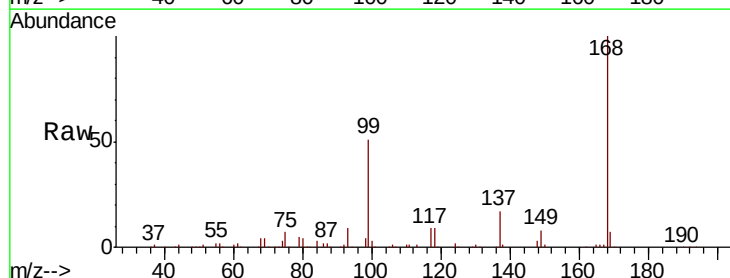
Tgt Ion: 56 Resp: 10770

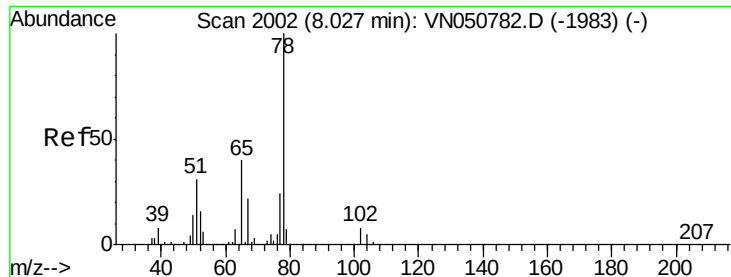
Ion Ratio Lower Upper

56 100

69 184.3 26.2 39.4#

84 138.5 68.3 102.5#

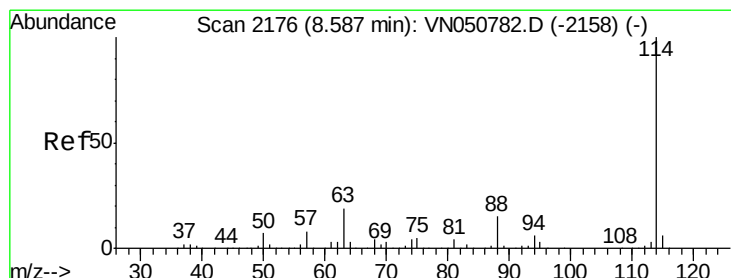
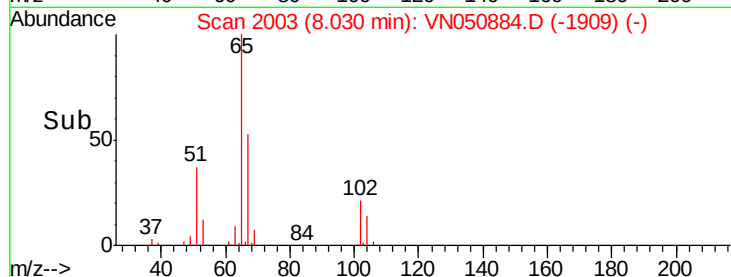
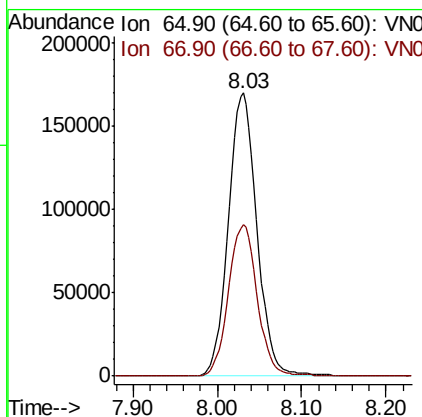
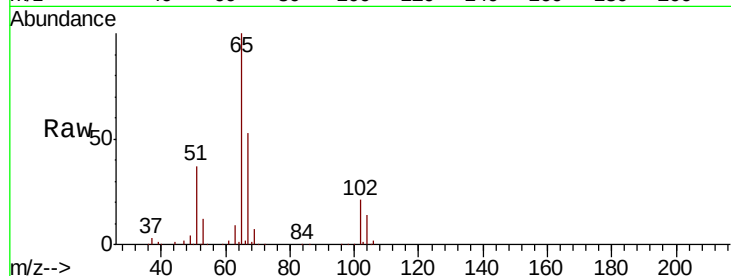




#33
 1,2-Dichloroethane-d4
 Concen: 54.90 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050884.D
 Acq: 24 Aug 2018 18:10

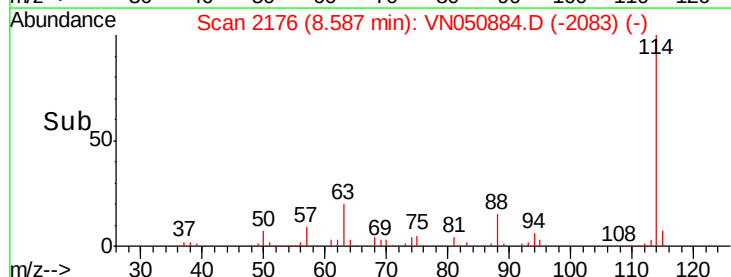
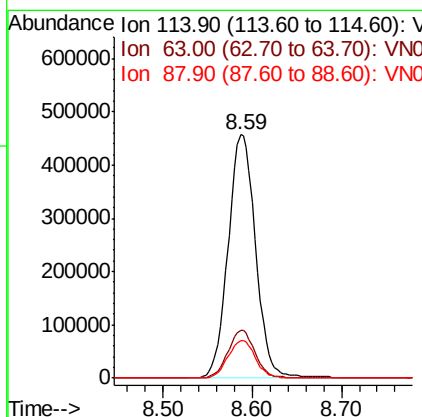
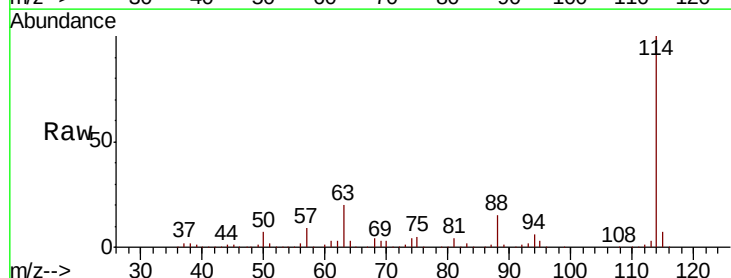
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-WATERREF-4

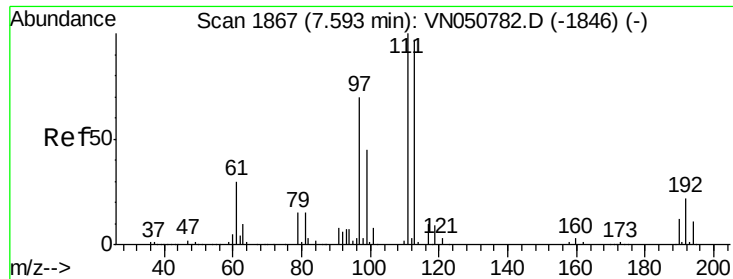
Tot Ion: 65 Resp: 399490
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050884.D
 Acq: 24 Aug 2018 18:10

Tgt Ion: 114 Resp: 977267
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.4 0.0 30.6

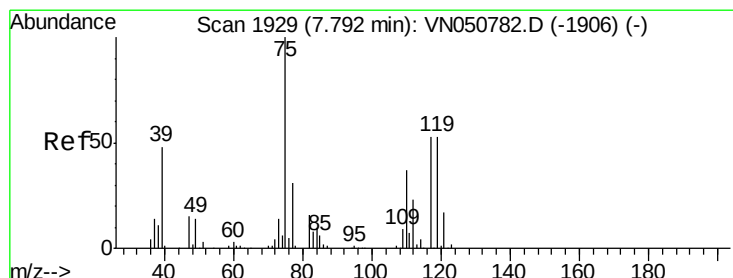
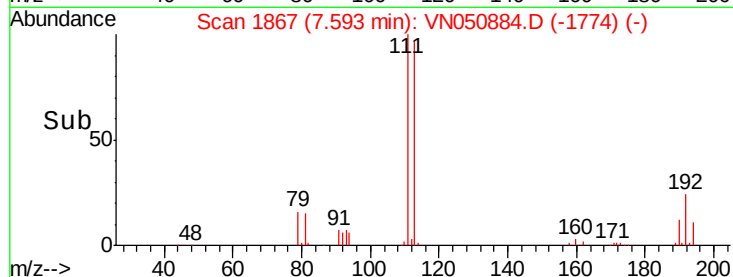
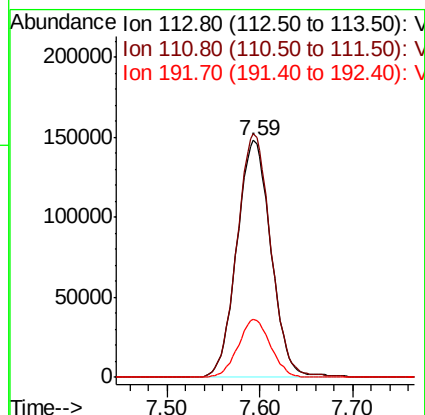
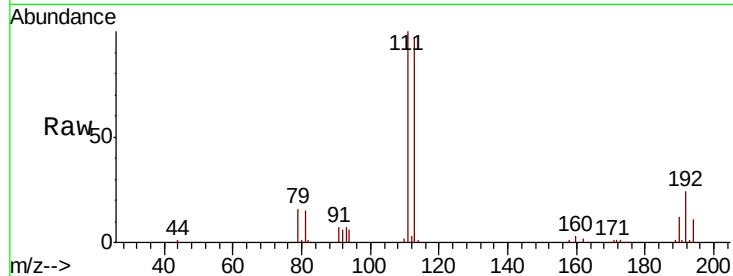




#35
 Dibromofluoromethane
 Concen: 48.67 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050884.D
 Acq: 24 Aug 2018 18:10

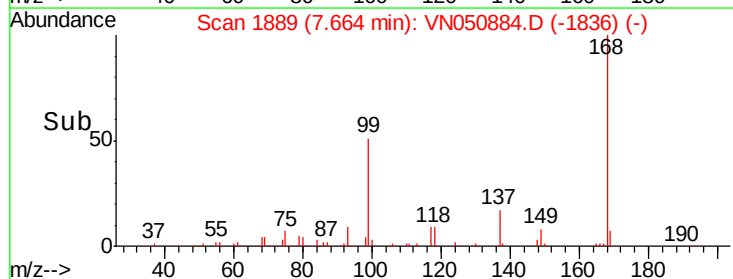
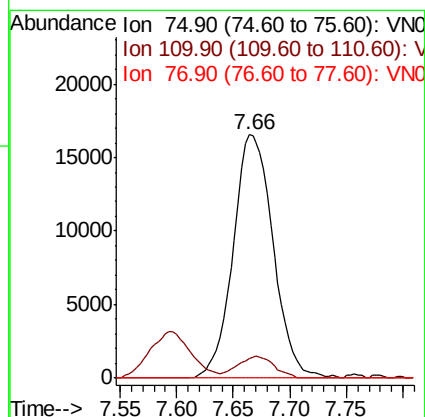
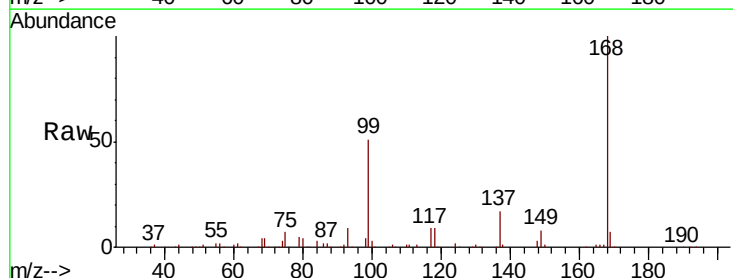
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-WATERREF-4

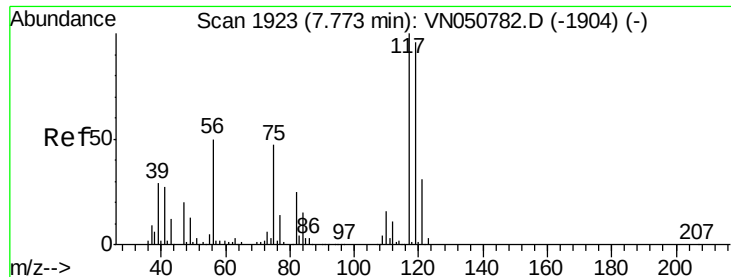
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	23.4	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 3.54 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.13 min
 Lab File: VN050884.D
 Acq: 24 Aug 2018 18:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.4#
77	0.0	24.8	37.2#

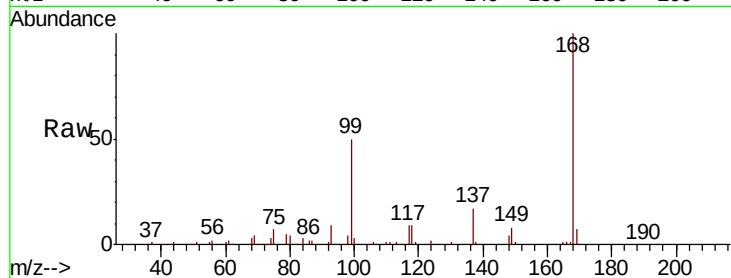




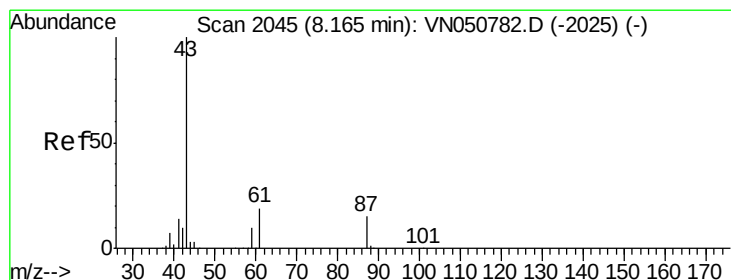
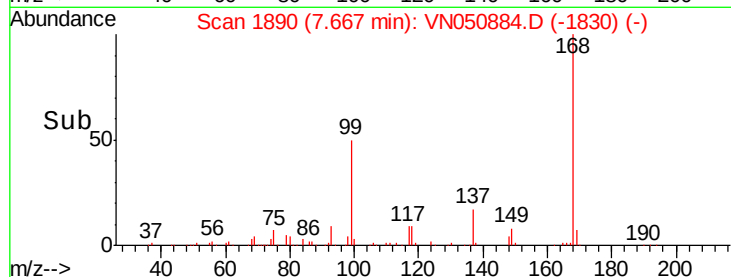
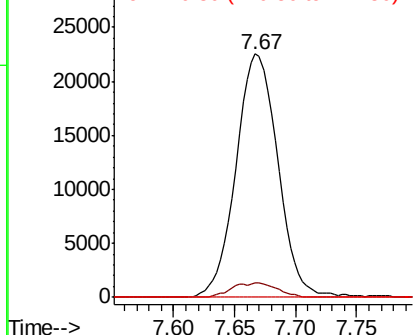
#38
Carbon Tetrachloride
Concen: 4.59 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050884.D
Acq: 24 Aug 2018 18:10

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-WATERREF-4

Tot Ion:117 Resp: 53484
Ion Ratio Lower Upper
117 100
119 5.7 76.3 114.5#
121 0.0 24.6 36.8#

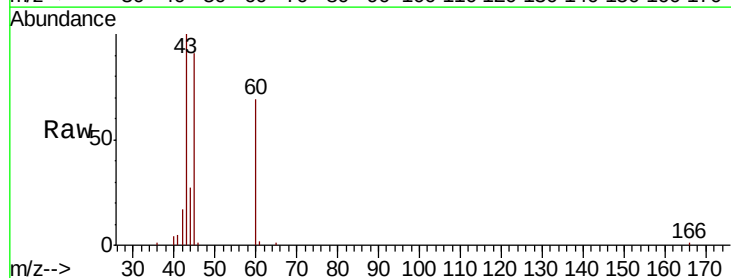


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

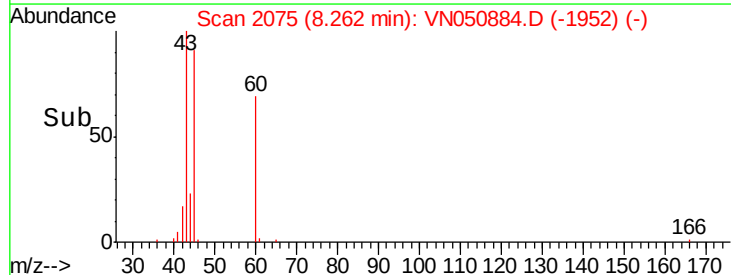
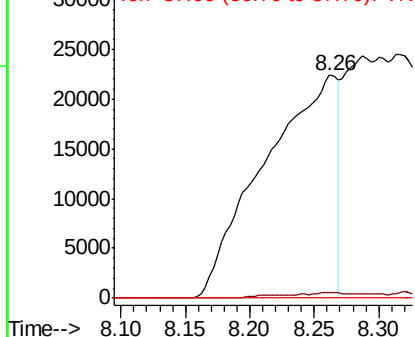


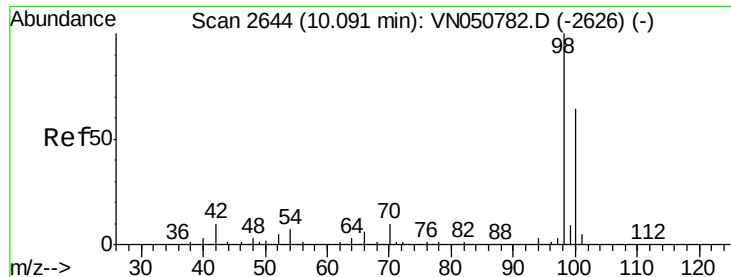
#43
Isopropyl Acetate
Concen: 7.74 ug/l
RT: 8.26 min Scan# 2075
Delta R.T. 0.10 min
Lab File: VN050884.D
Acq: 24 Aug 2018 18:10

Tgt Ion: 43 Resp: 88163
Ion Ratio Lower Upper
43 100
61 0.0 17.5 26.3#
87 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

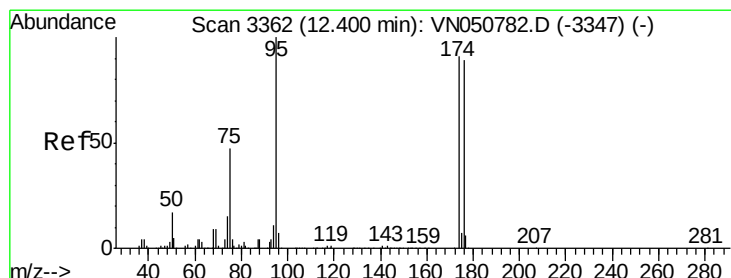
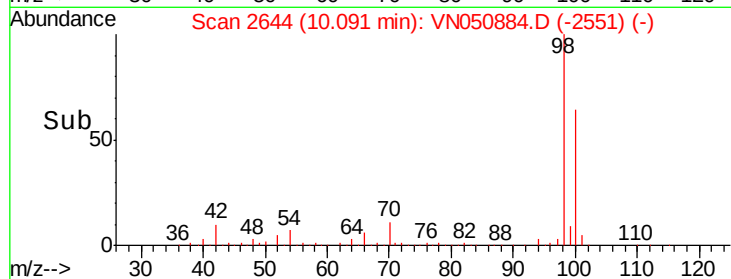
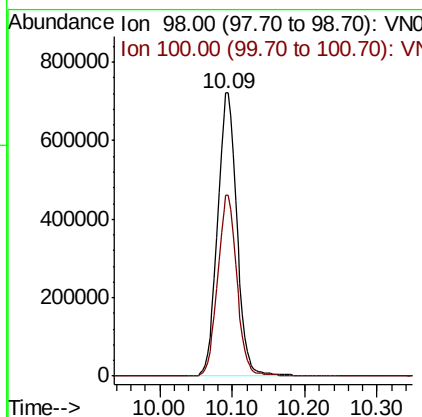
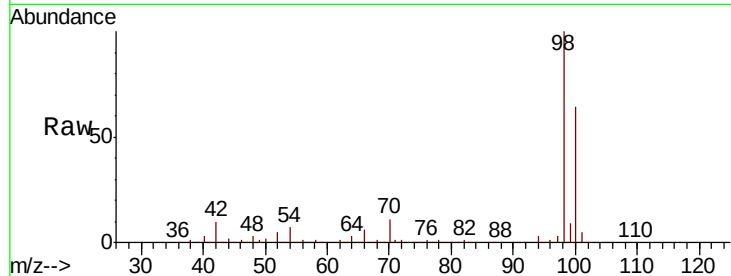




#50
Toluene-d8
Concen: 45.83 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050884.D
Acq: 24 Aug 2018 18:10

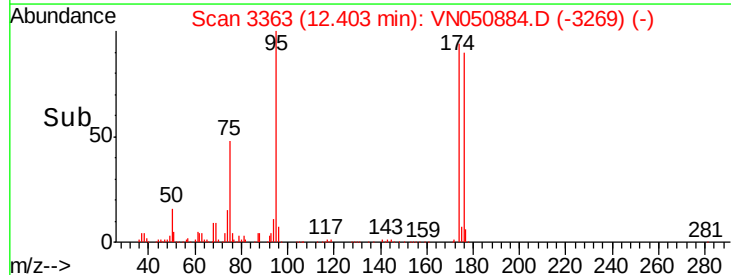
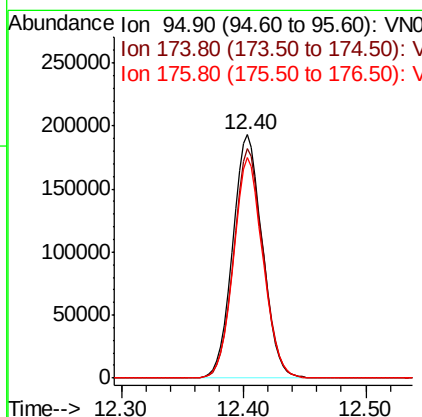
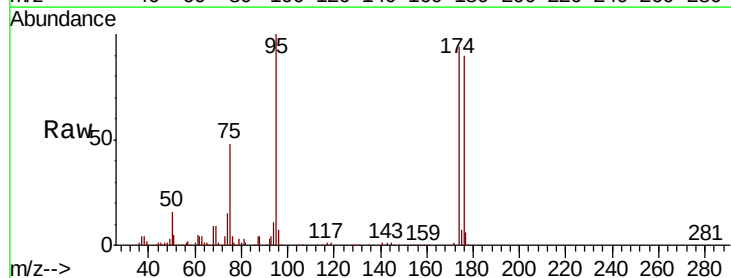
Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-WATERREF-4

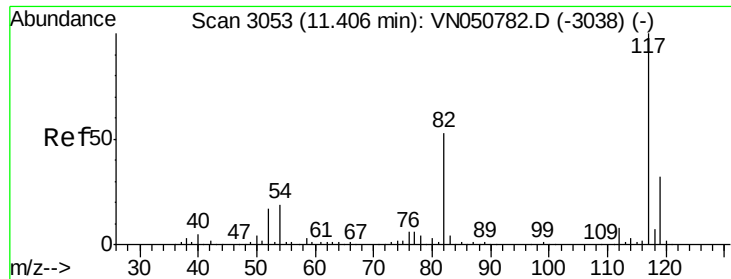
Tot Ion: 98 Resp: 1332029
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 33.72 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050884.D
Acq: 24 Aug 2018 18:10

Tgt Ion: 95 Resp: 325667
Ion Ratio Lower Upper
95 100
174 93.4 0.0 183.0
176 89.6 0.0 178.8

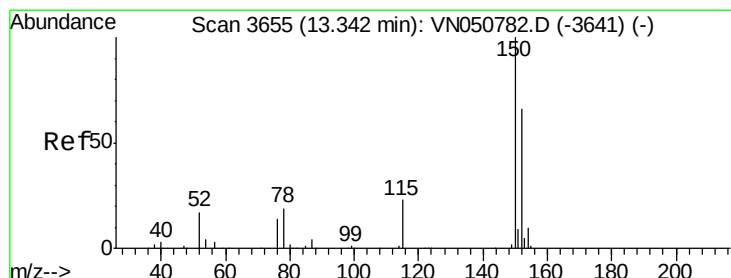
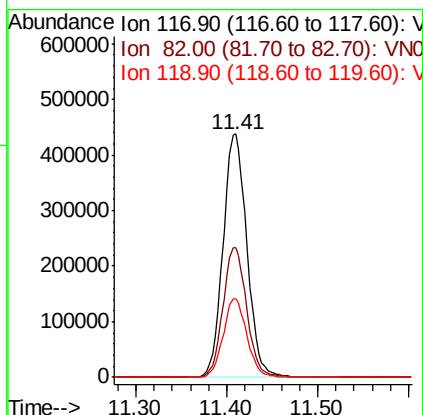
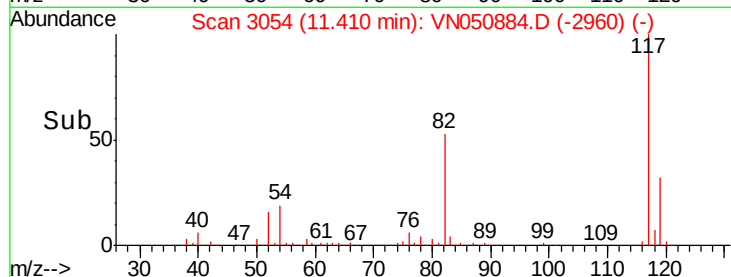
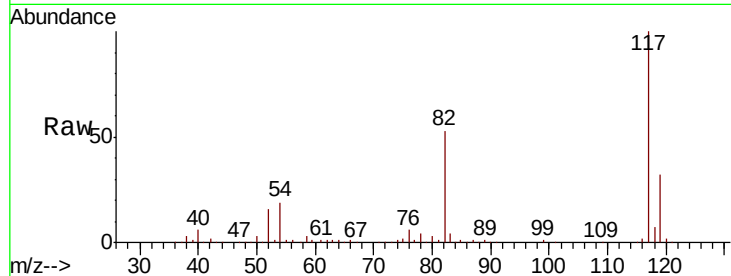




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050884.D
Acq: 24 Aug 2018 18:10

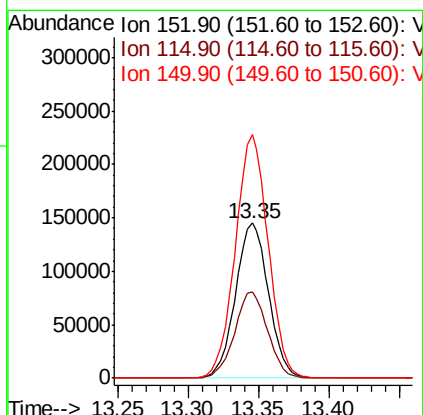
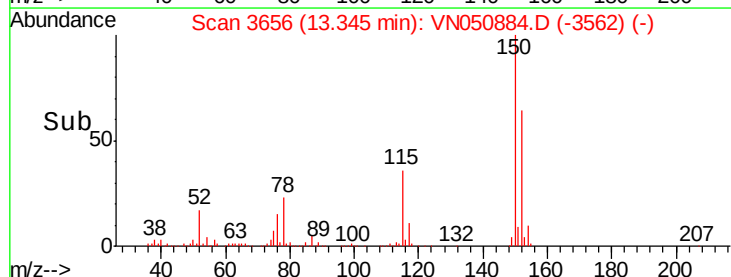
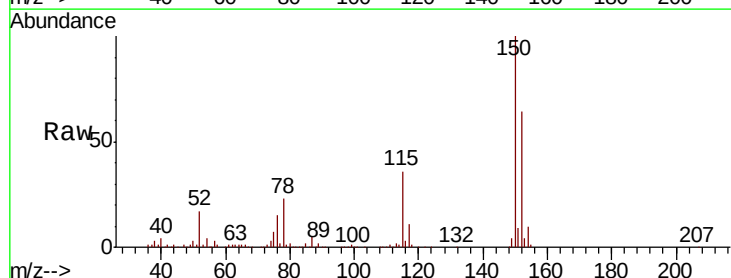
Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-WATERREF-4

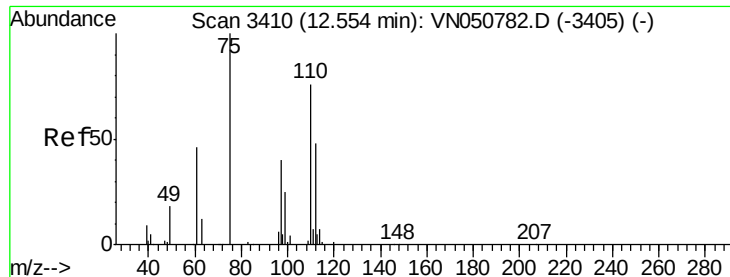
Tot Ion:117 Resp: 794493
Ion Ratio Lower Upper
117 100
82 53.5 42.6 64.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050884.D
Acq: 24 Aug 2018 18:10

Tgt Ion:152 Resp: 237666
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 156.2 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 37.32 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050884.D

Acq: 24 Aug 2018 18:10

Instrument :

MSVOA_N

ClientSampleId :

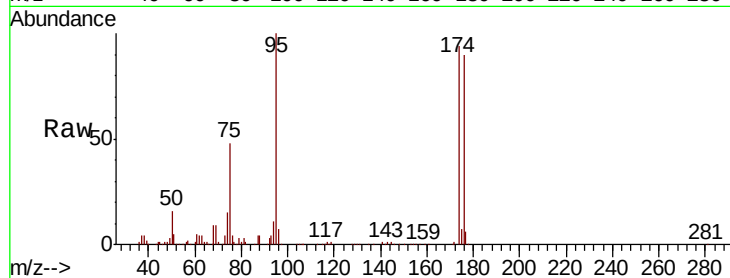
STORAGEBLANK-WATERREF-4

Tot Ion: 75 Resp: 155350

Ion Ratio Lower Upper

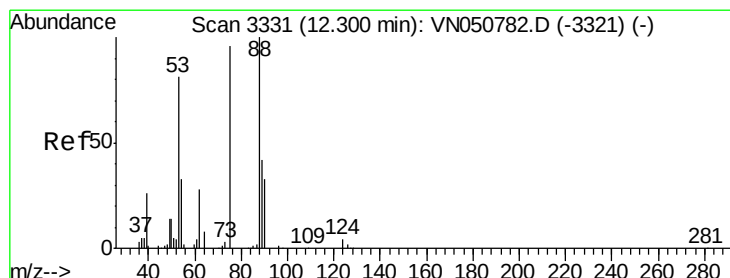
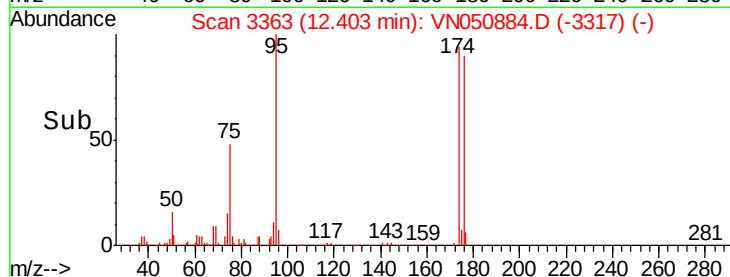
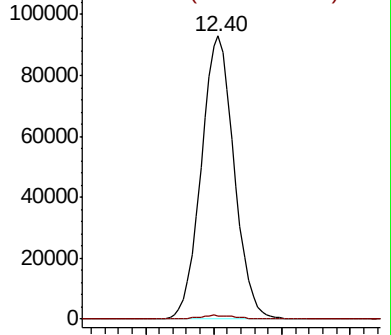
75 100

77 1.3 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: 126.16 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050884.D

Acq: 24 Aug 2018 18:10

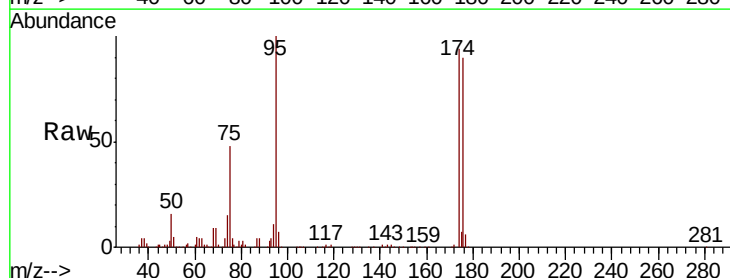
Tgt Ion: 75 Resp: 155350

Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

