

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110618\
 Data File : VN052186.D
 Acq On : 6 Nov 2018 12:34
 Operator : MD\SY
 Sample : J5819-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 BES48_WC

Quant Time: Nov 06 16:29:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 15:24:48 2018
 Response via : Initial Calibration

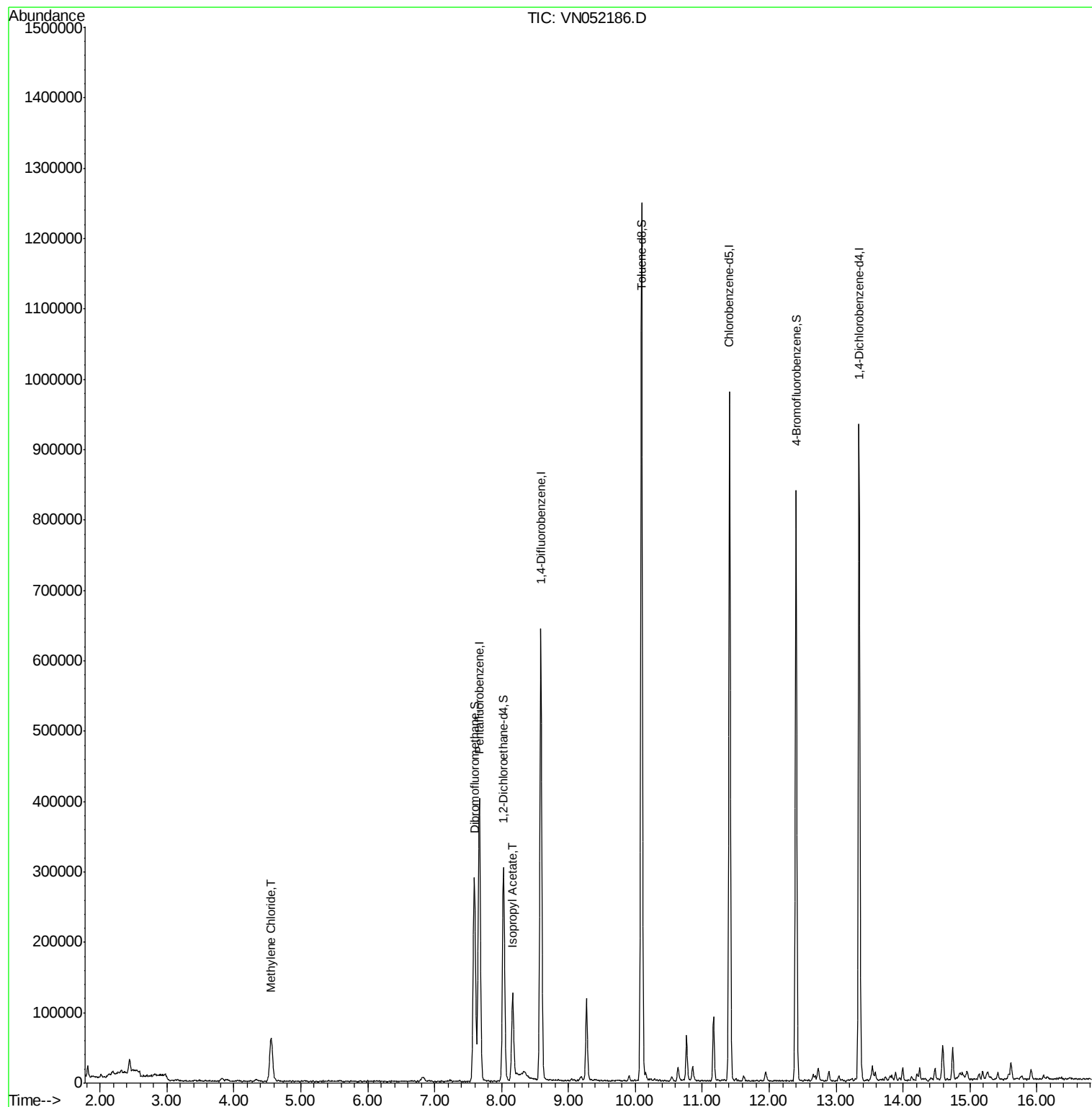
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	317128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	571342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	553655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	233891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	248005	65.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.90%	
35) Dibromofluoromethane	7.59	113	218167	61.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.00%	
50) Toluene-d8	10.09	98	844680	61.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.18%	
62) 4-Bromofluorobenzene	12.40	95	284689	63.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.48%	
Target Compounds						
20) Methylene Chloride	4.55	84	47082	13.300	ug/l	96
43) Isopropyl Acetate	8.17	43	156666	27.166	ug/l	98

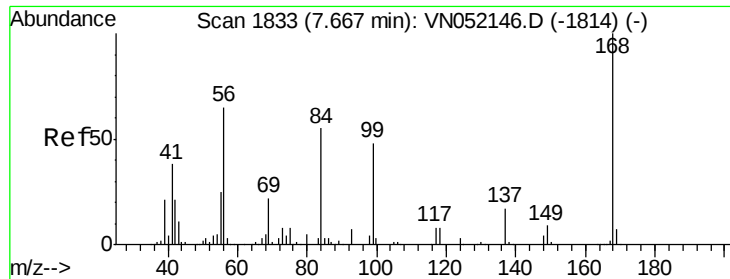
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052186.D

Acq: 6 Nov 2018 12:34

Instrument :

MSVOA_N

ClientSampleId :

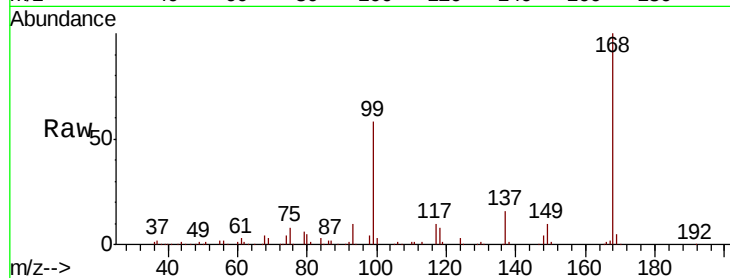
BES48_WC

Tot Ion:168 Resp: 317128

Ion Ratio Lower Upper

168 100

99 58.1 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

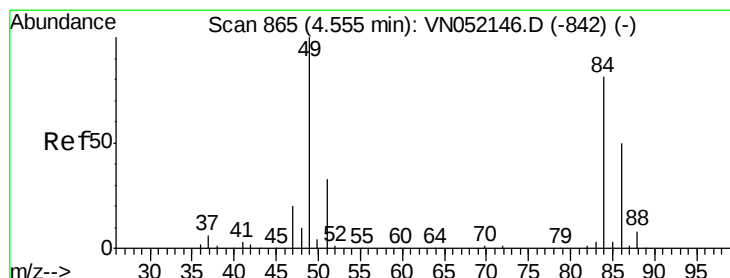
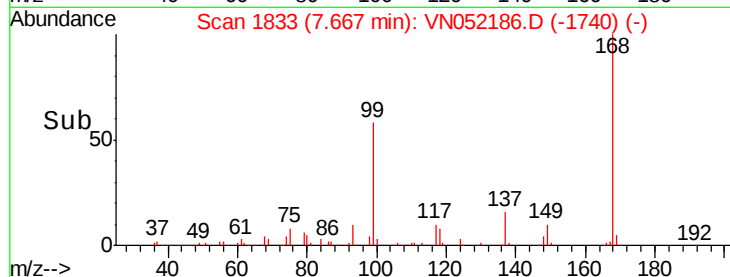
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 13.300 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN052186.D

Acq: 6 Nov 2018 12:34

Tgt Ion: 84 Resp: 47082

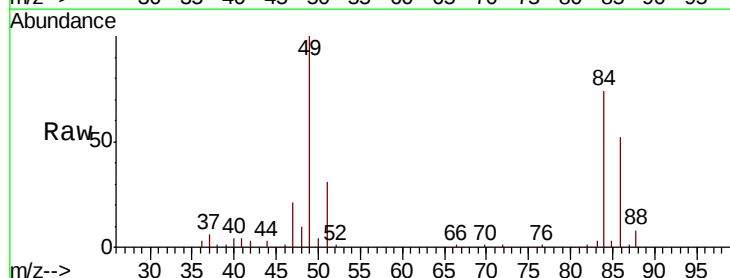
Ion Ratio Lower Upper

84 100

49 135.8 110.6 165.8

51 42.7 33.7 50.5

86 70.1 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

30000

25000

20000

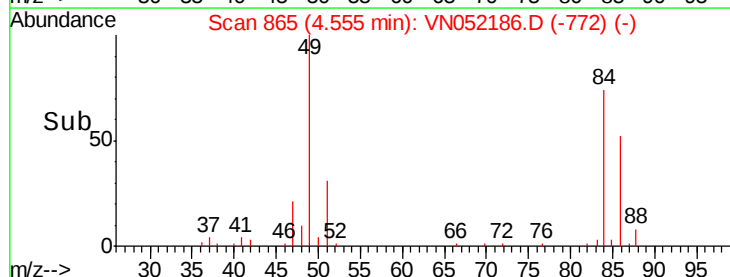
15000

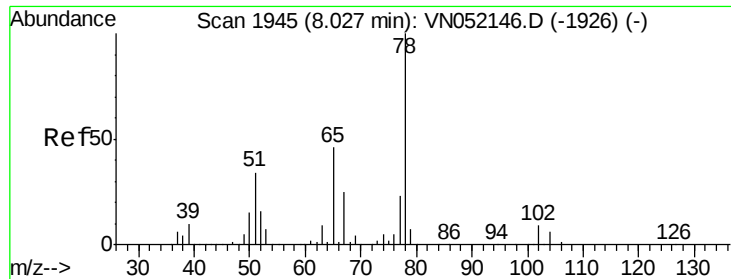
10000

5000

0

Time--> 4.50 4.55 4.60 4.70

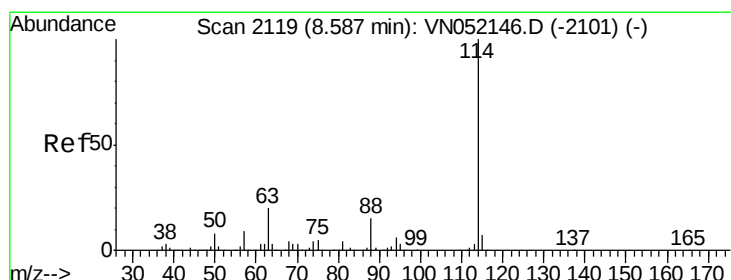
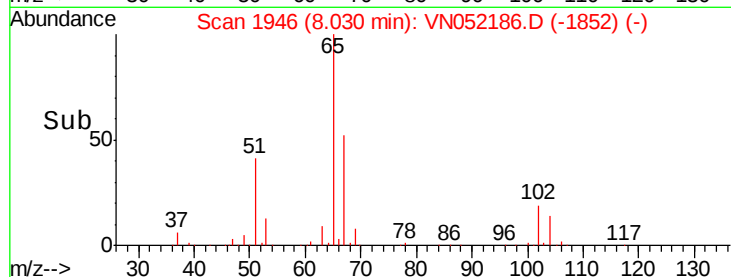
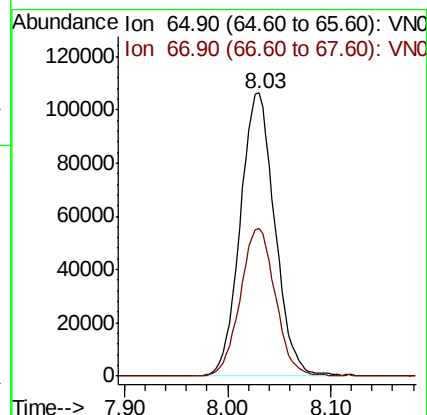
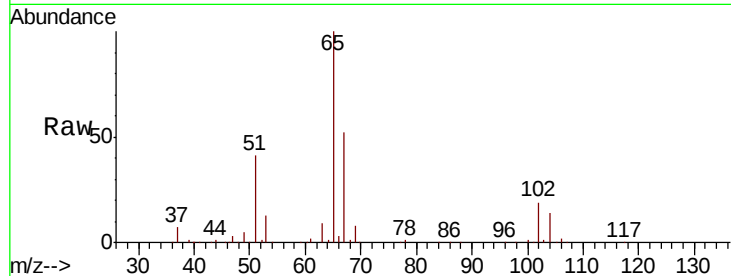




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052186.D
 Acq: 6 Nov 2018 12:34

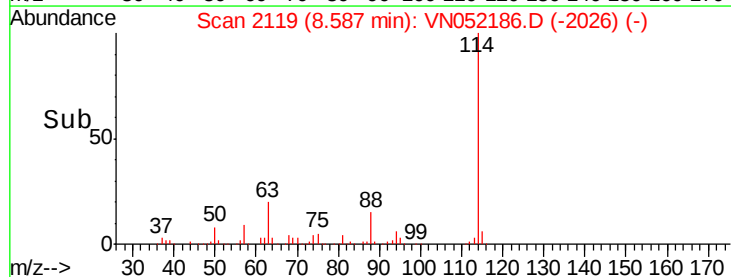
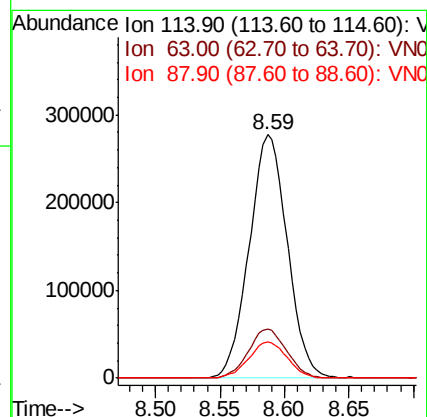
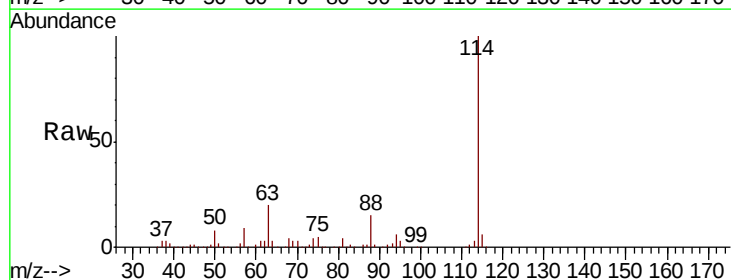
Instrument :
 MSVOA_N
 ClientSampleId :
 BES48_WC

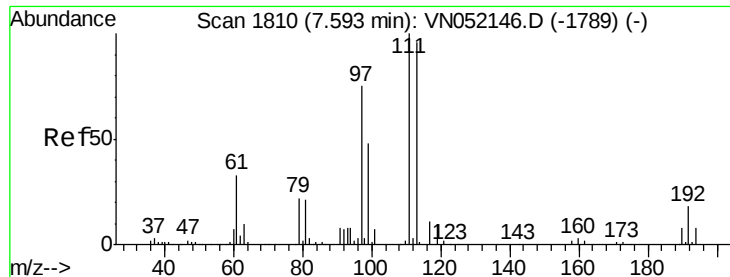
Tot Ion: 65 Resp: 248005
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052186.D
 Acq: 6 Nov 2018 12:34

Tgt Ion: 114 Resp: 571342
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 46.0
 88 15.0 0.0 35.4

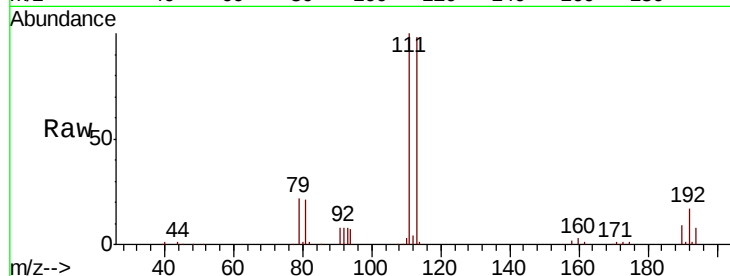




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052186.D
 Acq: 6 Nov 2018 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 BES48_WC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	17.7	12.7	19.1

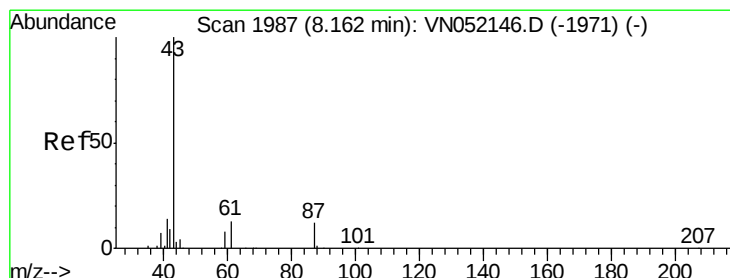
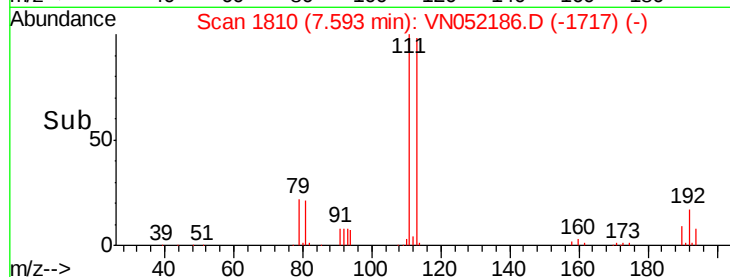
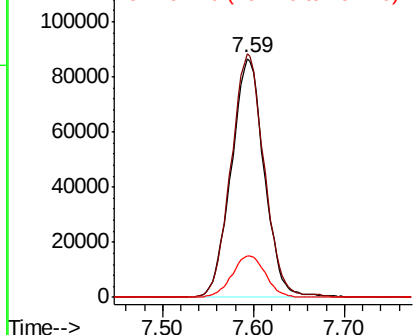


Abundance

Ion 112.80 (112.50 to 113.50): V

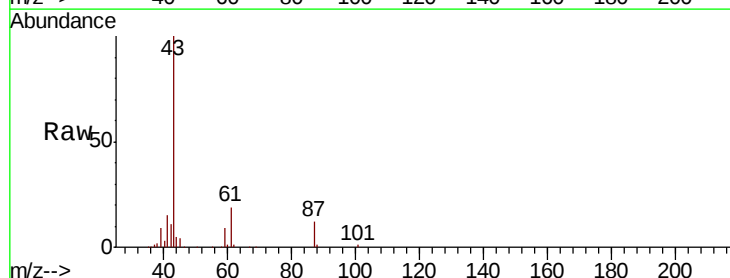
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43
 Isopropyl Acetate
 Concen: 27.166 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052186.D
 Acq: 6 Nov 2018 12:34

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.8	15.4	23.0
87	11.6	9.8	14.8

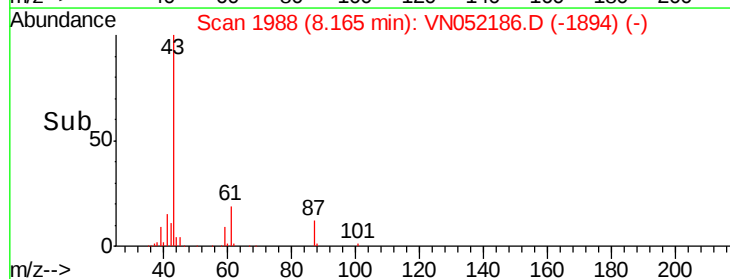
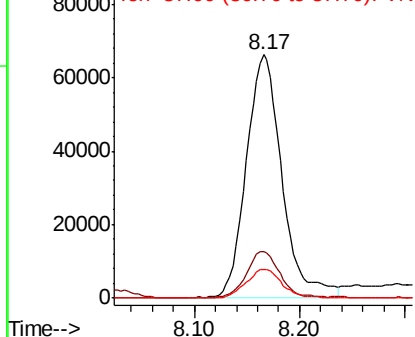


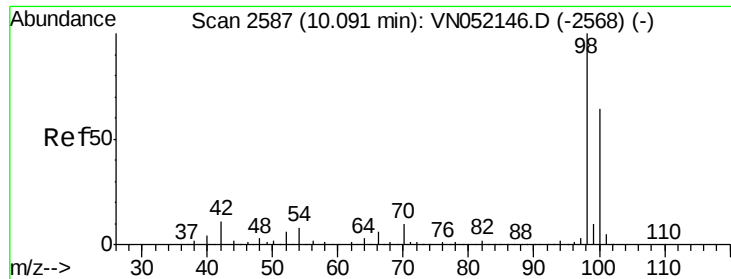
Abundance

Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052186.D

Acq: 6 Nov 2018 12:34

Instrument :

MSVOA_N

ClientSampled :

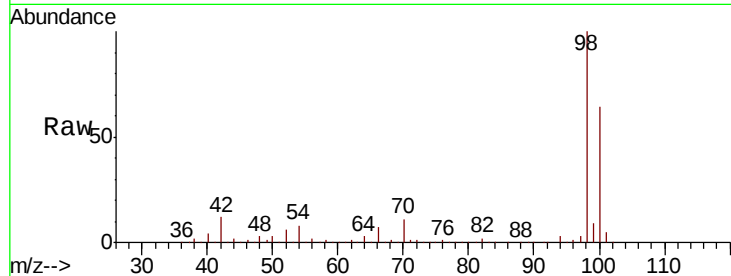
BES48_WC

Tot Ion: 98 Resp: 844680

Ion Ratio Lower Upper

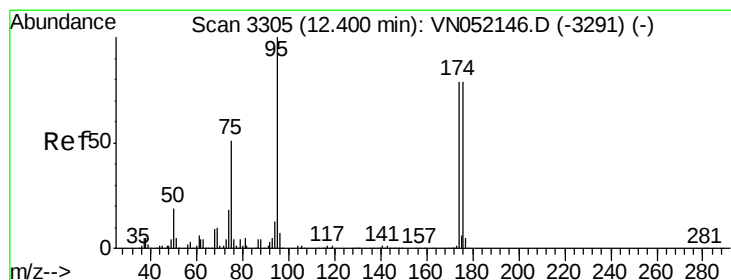
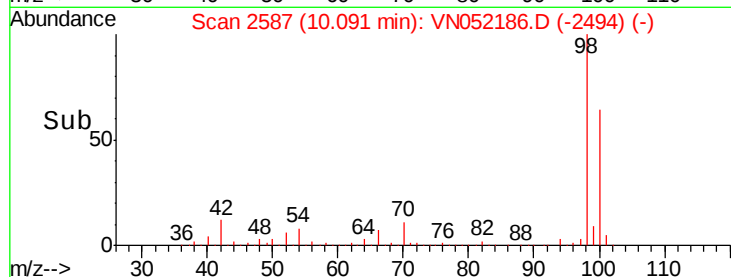
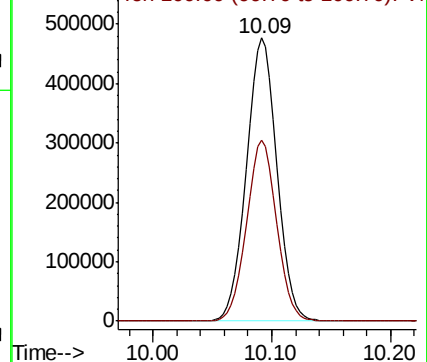
98 100

100 63.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

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: VN052186.D

Acq: 6 Nov 2018 12:34

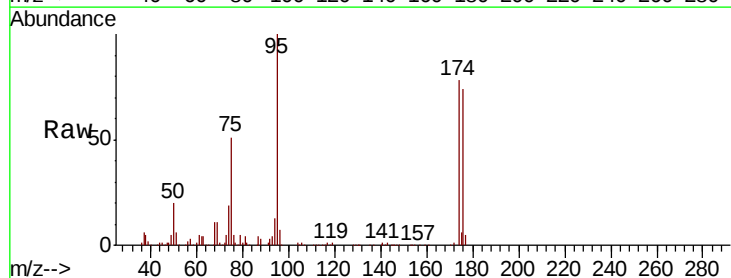
Tgt Ion: 95 Resp: 284689

Ion Ratio Lower Upper

95 100

174 78.7 0.0 131.8

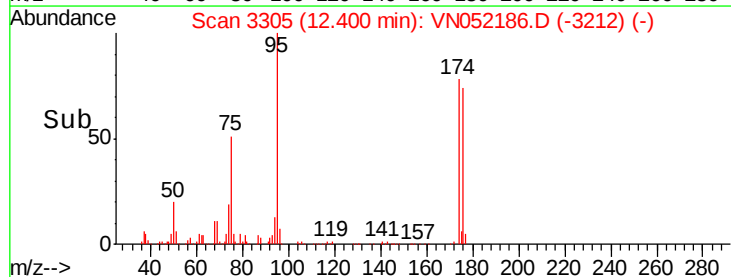
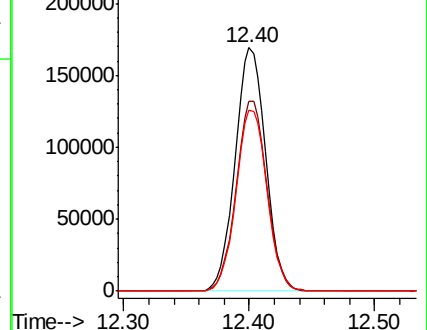
176 75.5 0.0 126.0

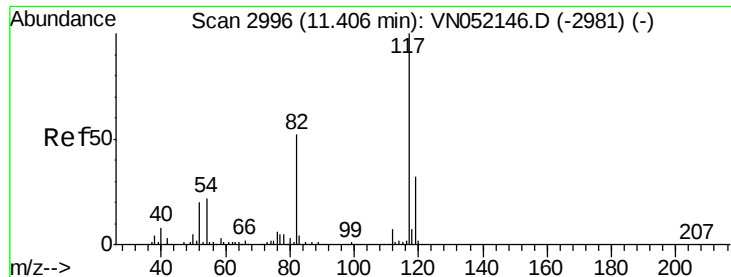


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

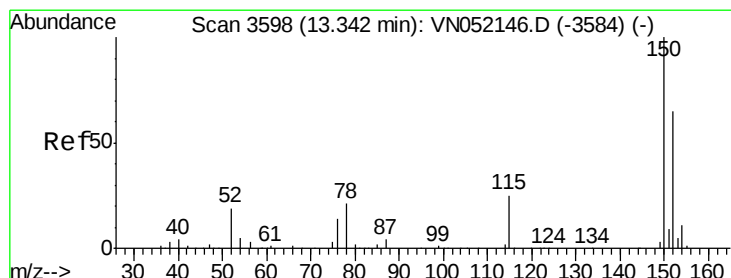
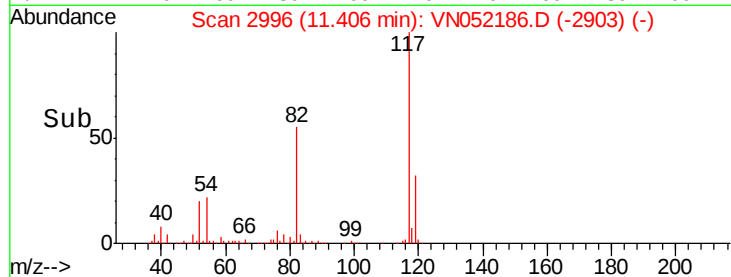
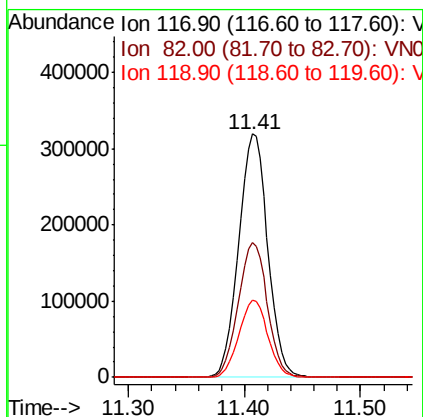
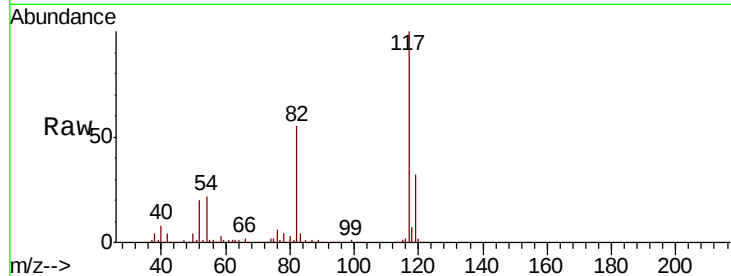




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

Instrument :
MSVOA_N
ClientSampleId :
BES48_WC

Tot Ion:117 Resp: 553655
Ion Ratio Lower Upper
117 100
82 55.3 49.9 74.9
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

Tgt Ion:152 Resp: 233891
Ion Ratio Lower Upper
152 100
115 61.0 31.6 95.0
150 155.3 0.0 345.0

