

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052432.D
 Acq On : 21 Nov 2018 12:31
 Operator : MD\SY
 Sample : PB114992ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#02

Quant Time: Nov 22 00:27:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	312569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	529162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	457728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	156789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	237821	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
35) Dibromofluoromethane	7.59	113	174091	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	10.09	98	670868	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.40	95	200305	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	

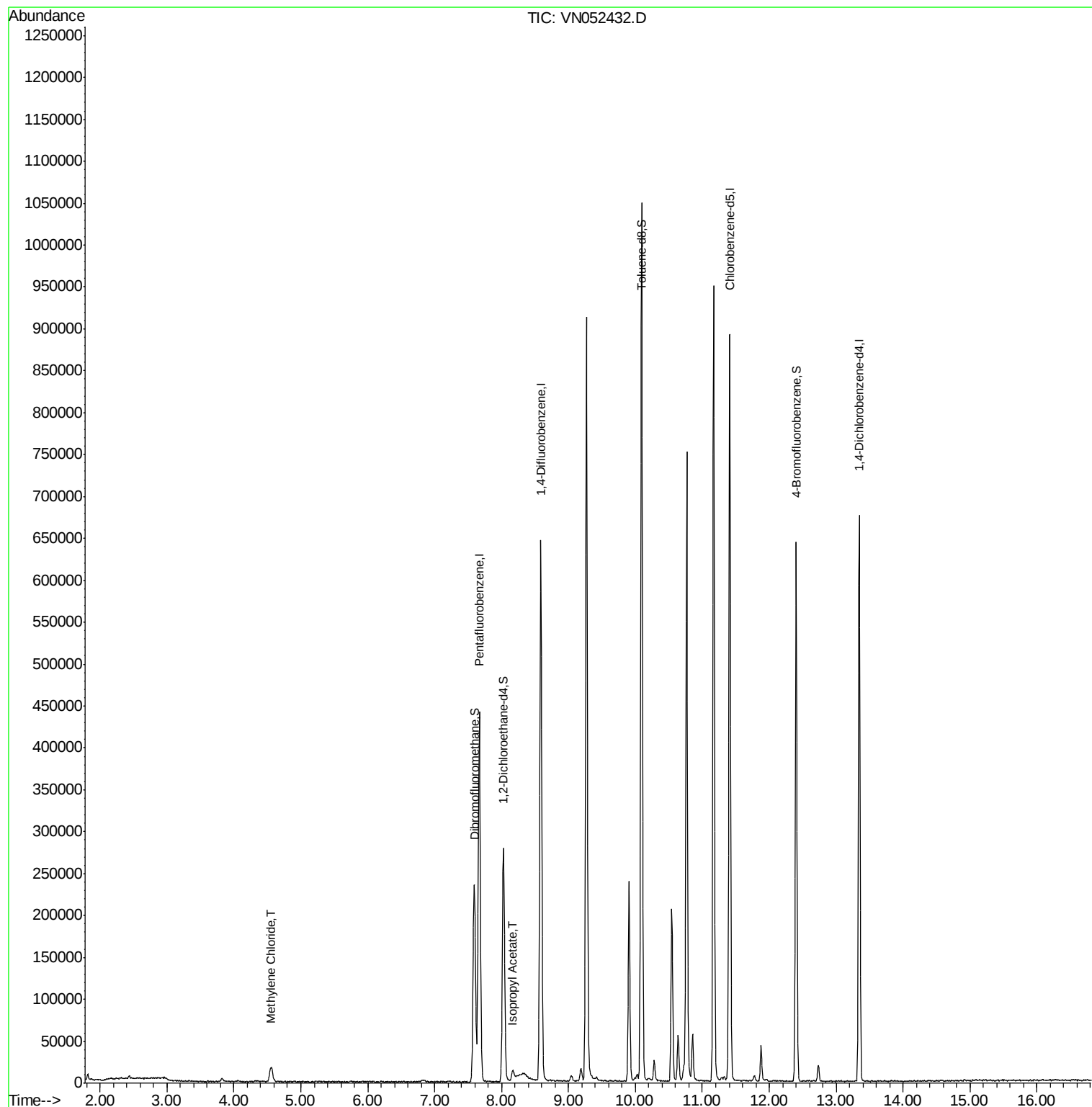
Target Compounds						Qvalue
20) Methylene Chloride	4.55	84	11784	2.52	ug/l	89
43) Isopropyl Acetate	8.17	43	18276	2.46	ug/l	# 97

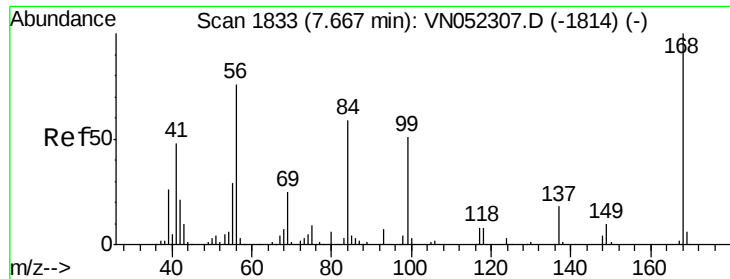
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052432.D

Acq: 21 Nov 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

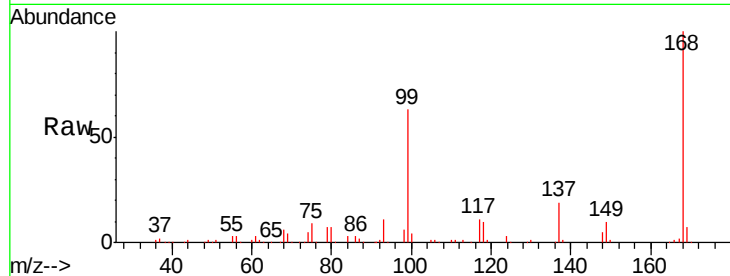
PB114992ZHE#02

Tgt Ion:168 Resp: 312569

Ion Ratio Lower Upper

168 100

99 63.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

100000

50000

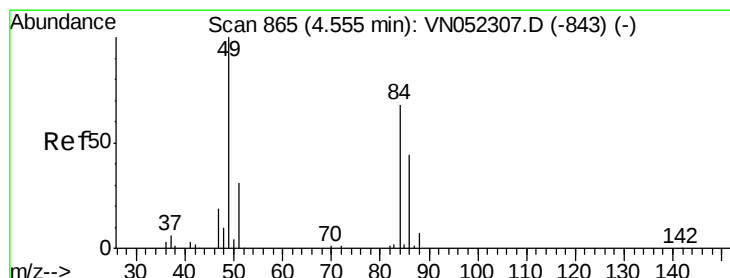
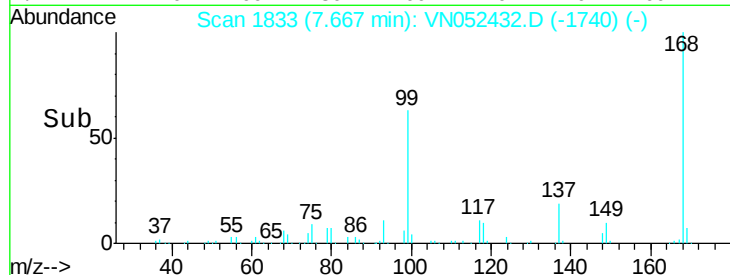
0

Time-->

7.60

7.70

7.80



#20

Methylene Chloride

Concen: 2.52 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN052432.D

Acq: 21 Nov 2018 12:31

Tgt Ion: 84 Resp: 11784

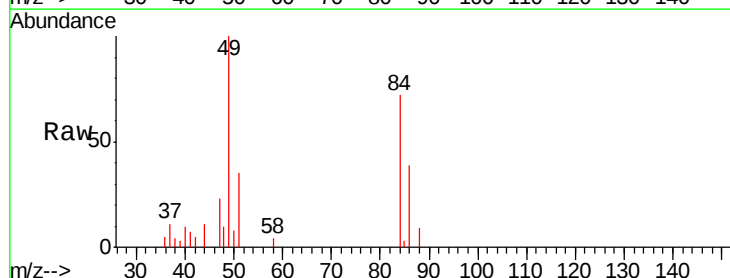
Ion Ratio Lower Upper

84 100

49 133.7 118.2 177.2

51 48.4 36.1 54.1

86 53.5 51.6 77.4



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

8000

6000

4000

2000

0

Time-->

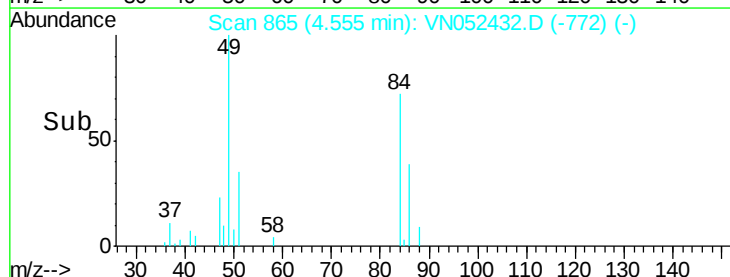
4.45

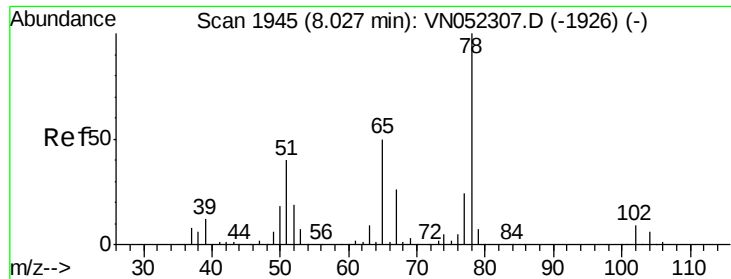
4.50

4.55

4.60

4.65

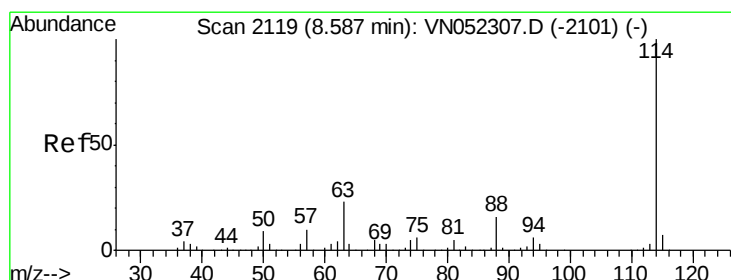
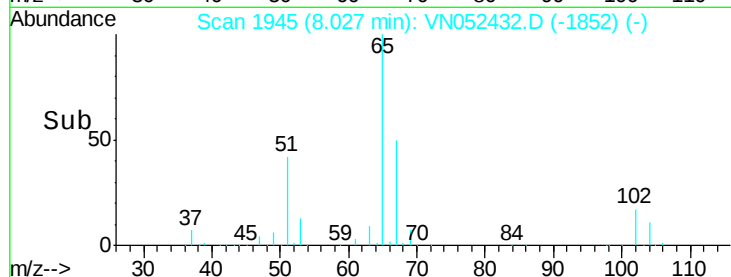
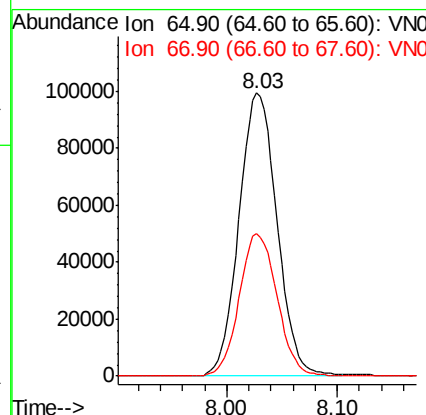
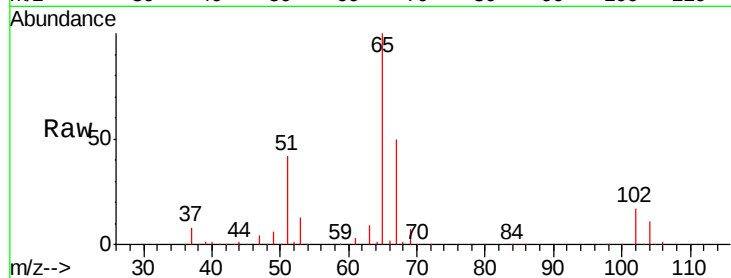




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052432.D
 Acq: 21 Nov 2018 12:31

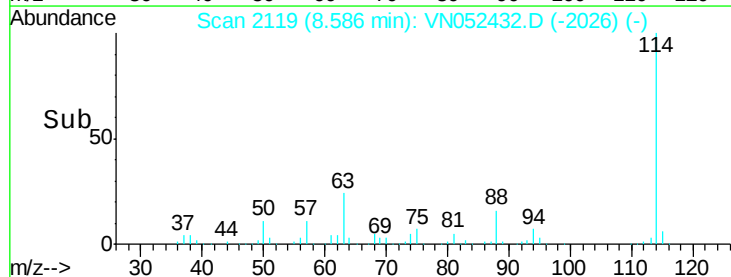
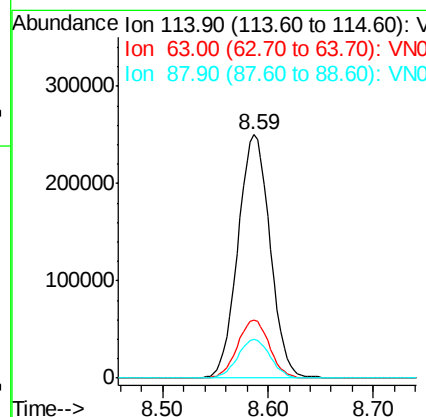
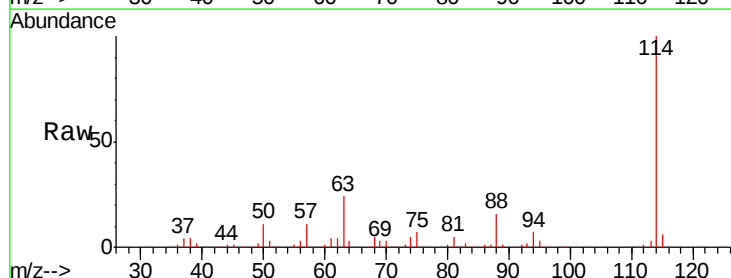
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#02

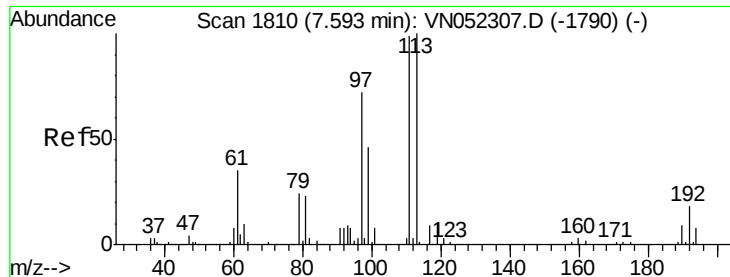
Tgt Ion: 65 Resp: 237821
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052432.D
 Acq: 21 Nov 2018 12:31

Tgt Ion: 114 Resp: 529162
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 45.4
 88 15.8 0.0 31.2

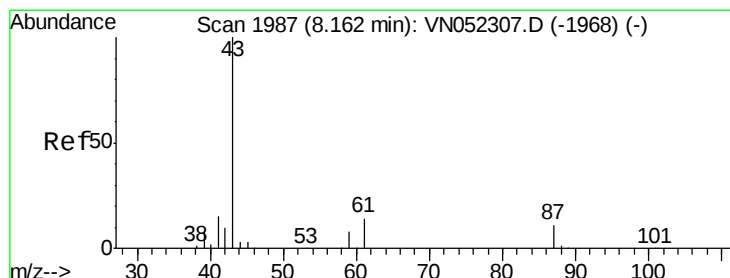
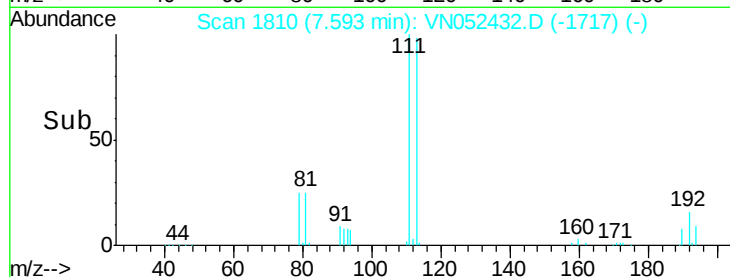
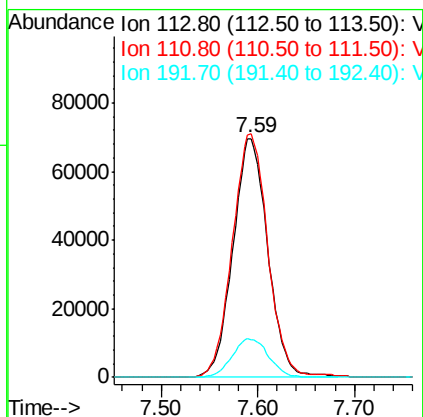
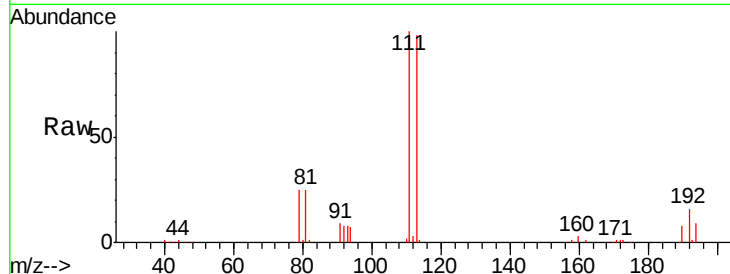




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052432.D
 Acq: 21 Nov 2018 12:31

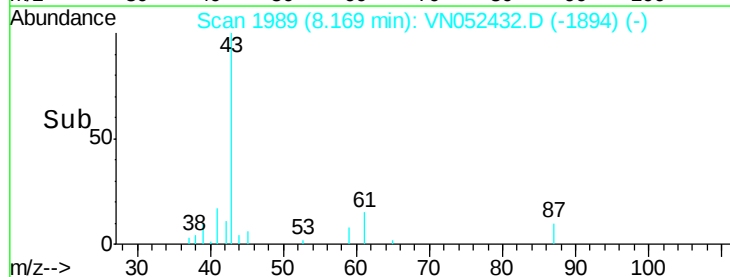
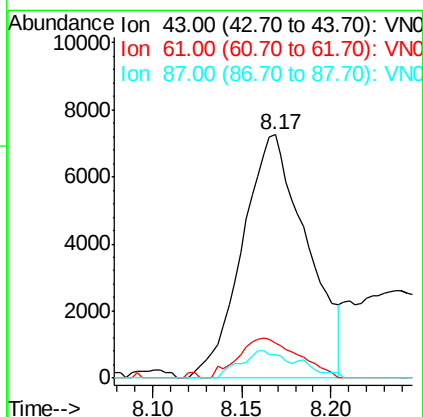
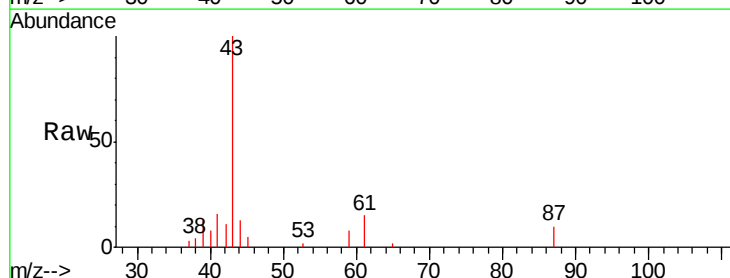
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#02

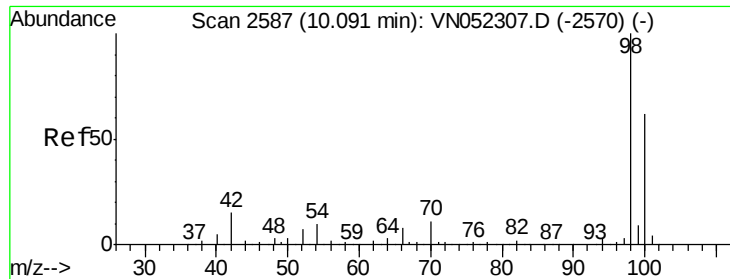
Tgt Ion: 113 Resp: 174091
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.0 121.6
 192 16.9 13.8 20.6



#43
 Isopropyl Acetate
 Concen: 2.46 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN052432.D
 Acq: 21 Nov 2018 12:31

Tgt Ion: 43 Resp: 18276
 Ion Ratio Lower Upper
 43 100
 61 15.1 12.0 18.0
 87 7.6 8.3 12.5#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052432.D

Acq: 21 Nov 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

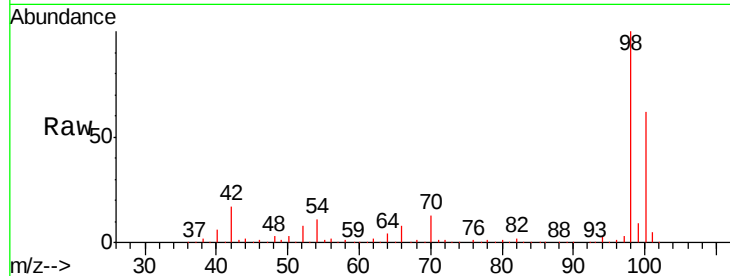
PB114992ZHE#02

Tgt Ion: 98 Resp: 670868

Ion Ratio Lower Upper

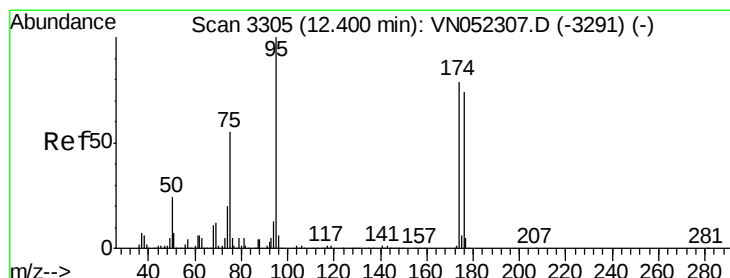
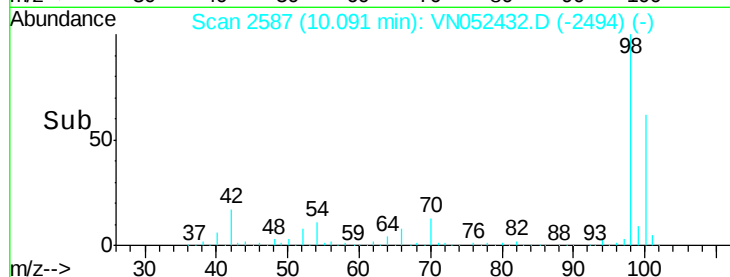
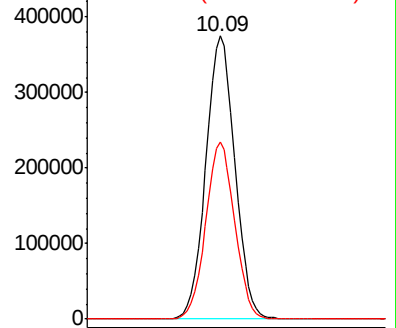
98 100

100 62.1 49.5 74.3



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# 3306

Delta R.T. 0.00 min

Lab File: VN052432.D

Acq: 21 Nov 2018 12:31

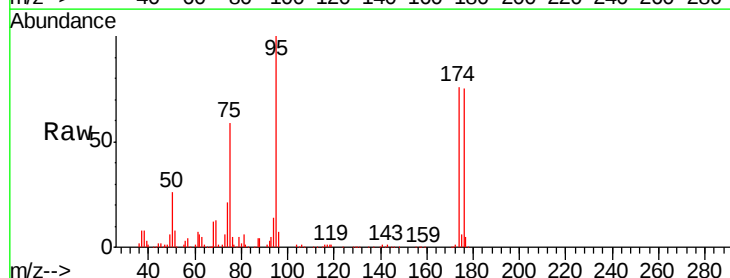
Tgt Ion: 95 Resp: 200305

Ion Ratio Lower Upper

95 100

174 74.5 0.0 156.0

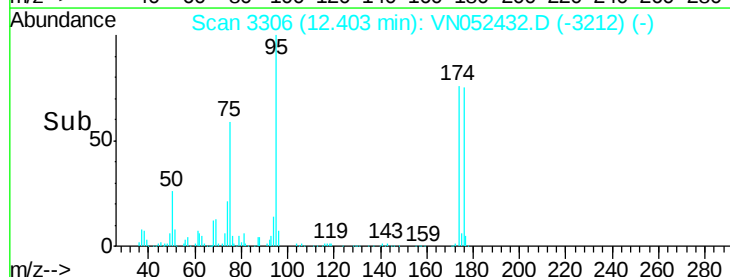
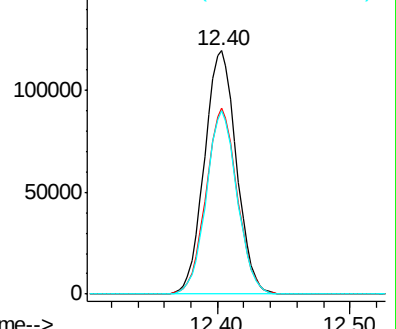
176 72.5 0.0 148.4

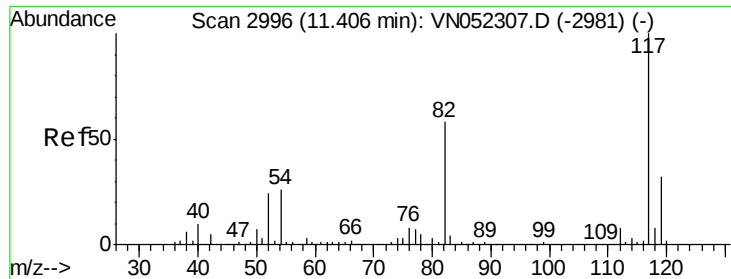


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

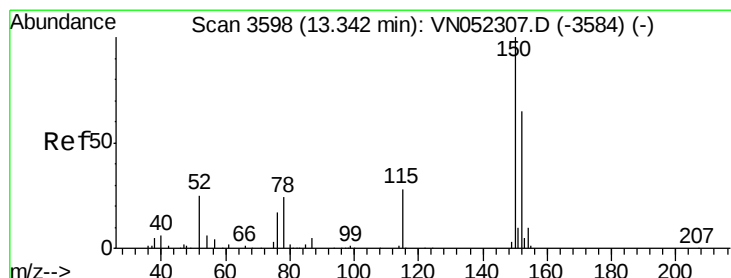
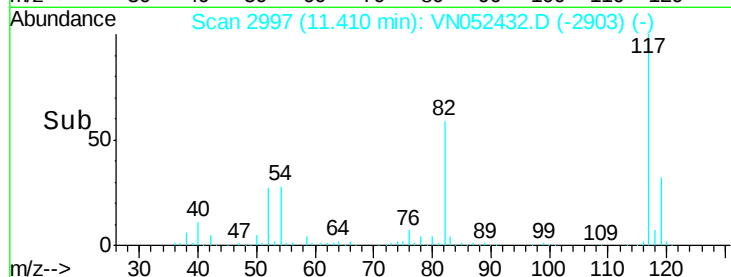
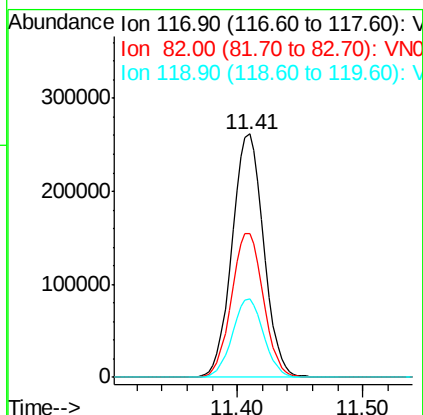
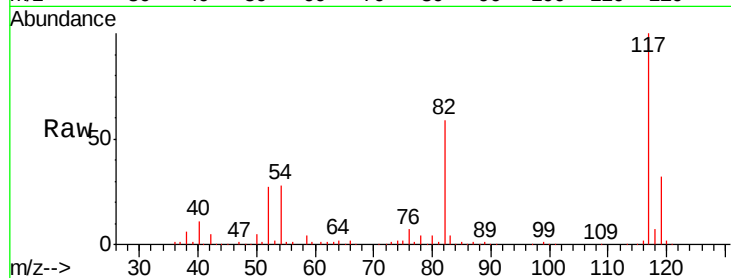




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN052432.D
 Acq: 21 Nov 2018 12:31

Instrument :
 MSVOA_N
 ClientSampled :
 PB114992ZHE#02

Tgt Ion:117 Resp: 457728
 Ion Ratio Lower Upper
 117 100
 82 59.0 46.5 69.7
 119 32.0 25.7 38.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN052432.D
 Acq: 21 Nov 2018 12:31

Tgt Ion:152 Resp: 156789
 Ion Ratio Lower Upper
 152 100
 115 61.9 30.3 91.0
 150 156.7 0.0 348.2

