

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111918\
 Data File : VN052386.D
 Acq On : 19 Nov 2018 15:47
 Operator : MD\SY
 Sample : PB114846ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114846ZHE#02

Quant Time: Nov 20 07:40:16 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

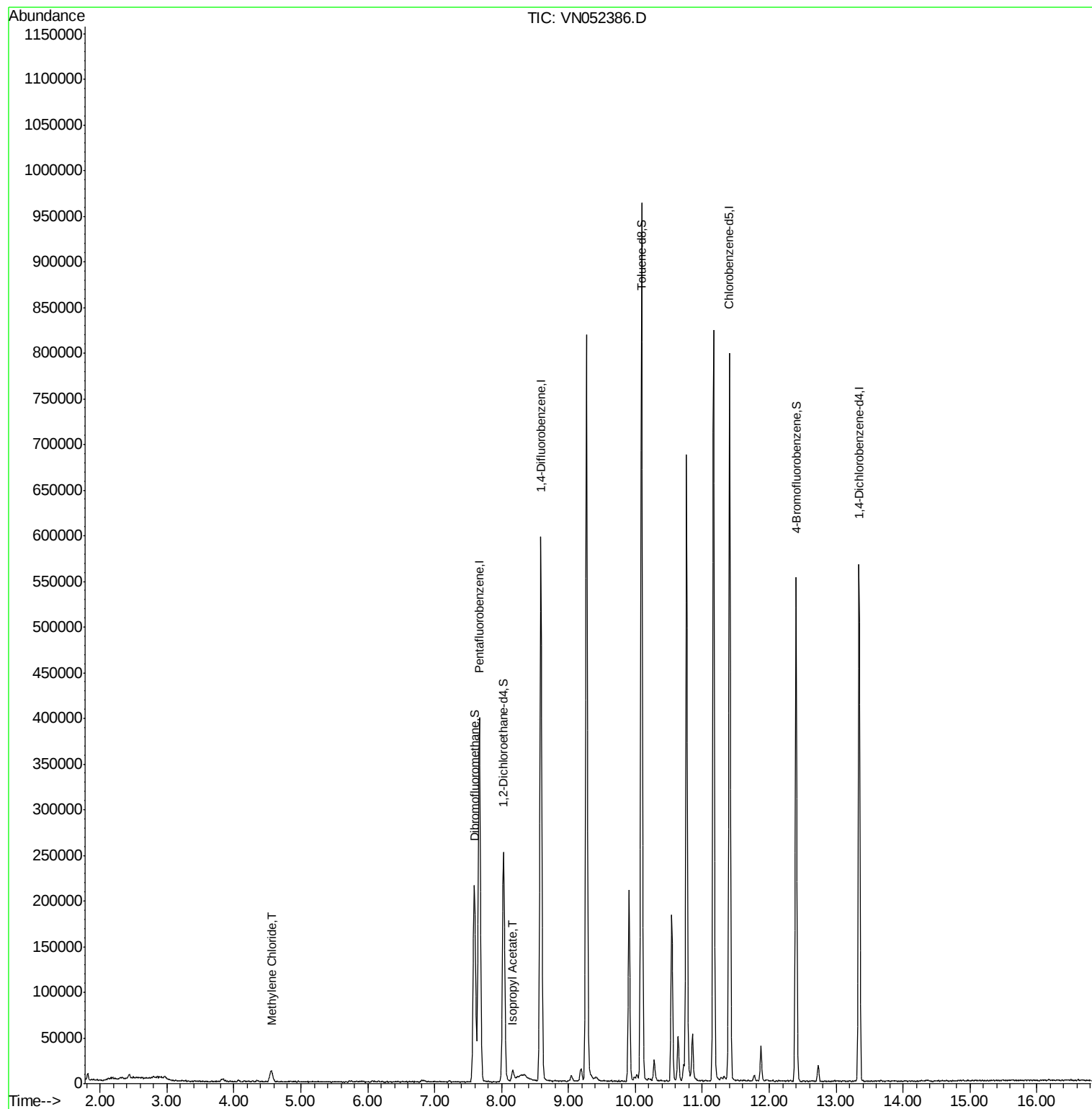
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	293064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	480883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	406397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	213485	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
35) Dibromofluoromethane	7.59	113	159382	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
50) Toluene-d8	10.09	98	611989	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.40	95	174295	43.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.84%	
Target Compounds						
20) Methylene Chloride	4.56	84	7634	1.52	ug/l	95
43) Isopropyl Acetate	8.17	43	17325	2.57	ug/l	97

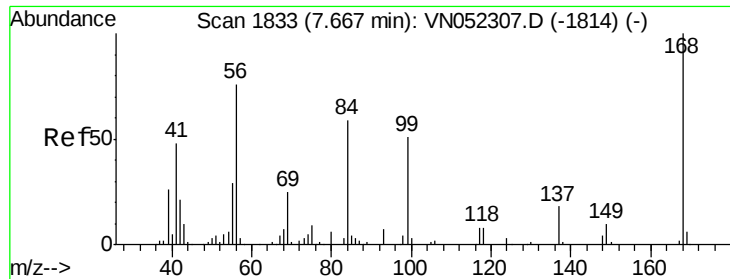
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052386.D

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MSVOA_N

ClientSampleId :

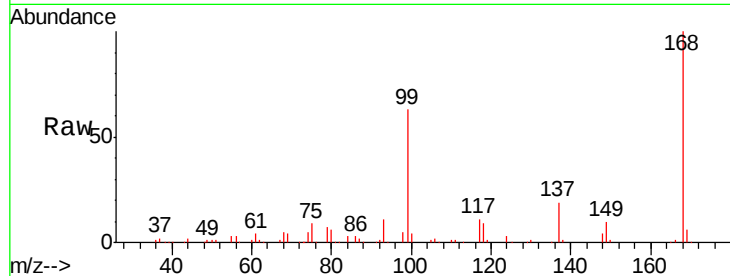
PB114846ZHE#02

Tgt Ion:168 Resp: 293064

Ion Ratio Lower Upper

168 100

99 62.4 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

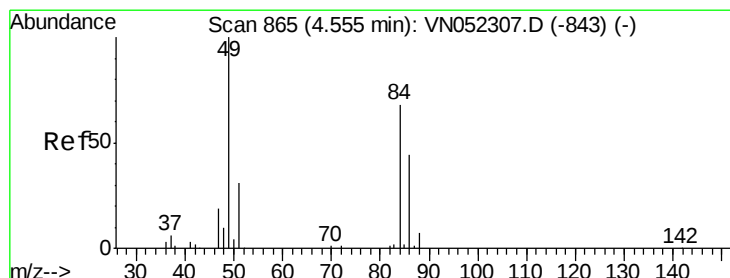
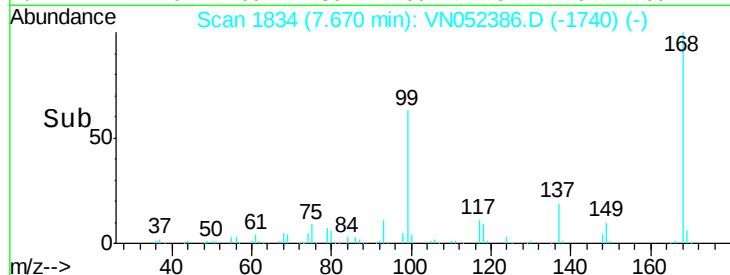
100000

50000

0

Time-->

7.60 7.70



#20

Methylene Chloride

Concen: 1.52 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052386.D

Acq: 19 Nov 2018 15:47

Tgt Ion: 84 Resp: 7634

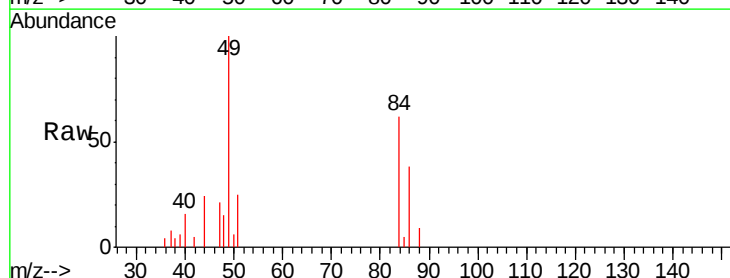
Ion Ratio Lower Upper

84 100

49 154.2 118.2 177.2

51 40.9 36.1 54.1

86 60.4 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

6000

5000

4000

3000

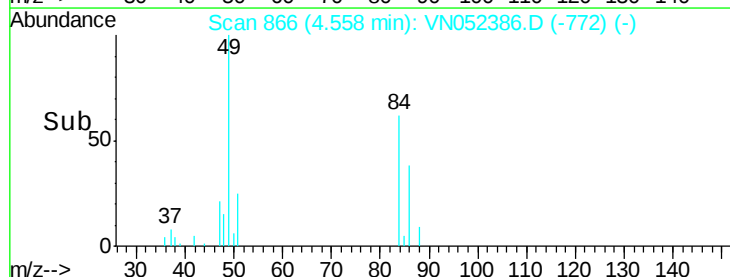
2000

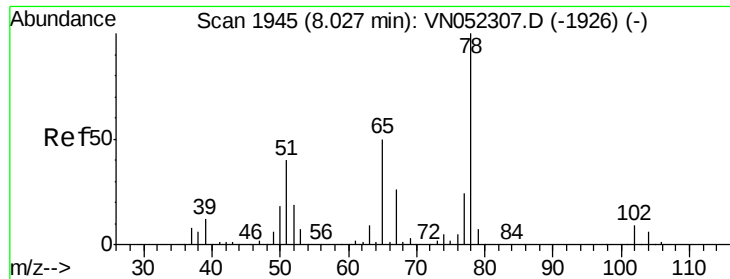
1000

0

Time-->

4.45 4.50 4.55 4.60 4.65

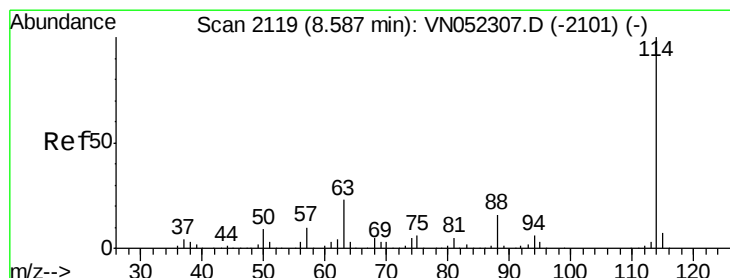
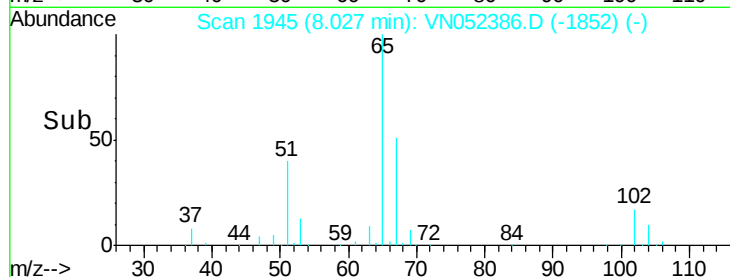
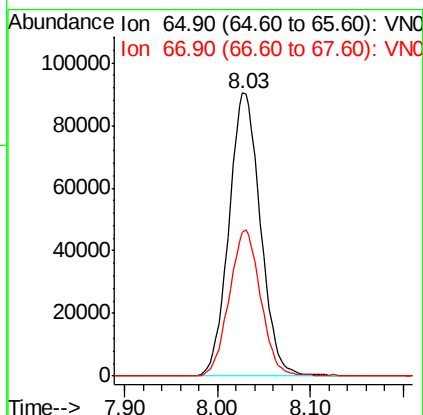
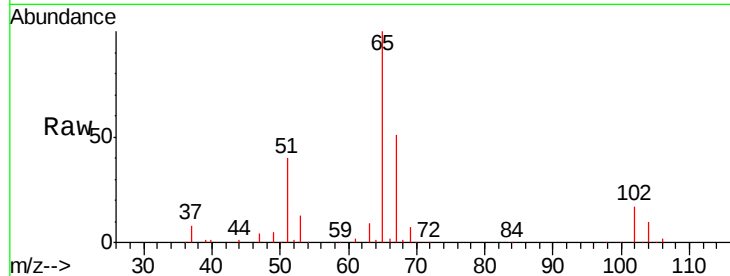




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052386.D
 Acq: 19 Nov 2018 15:47

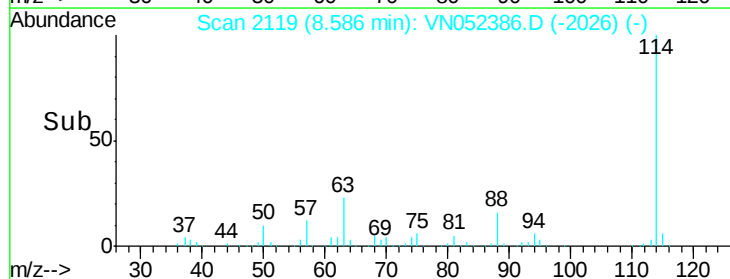
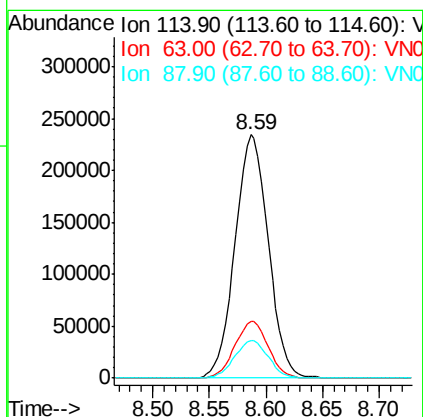
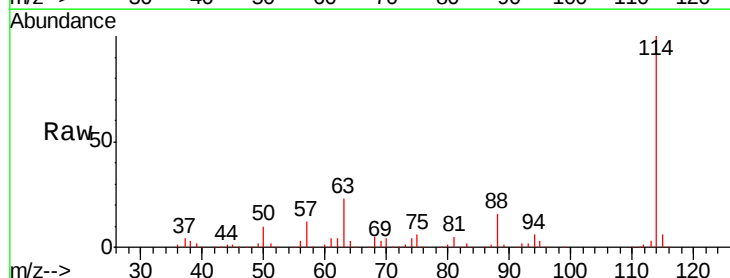
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114846ZHE#02

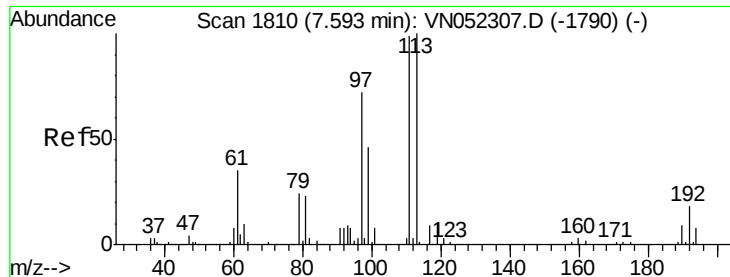
Tgt Ion: 65 Resp: 213485
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052386.D
 Acq: 19 Nov 2018 15:47

Tgt Ion: 114 Resp: 480883
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.4
 88 15.5 0.0 31.2

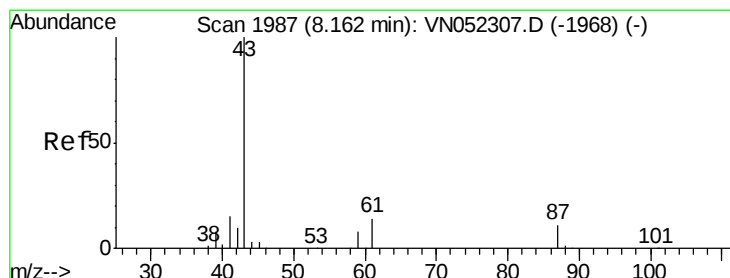
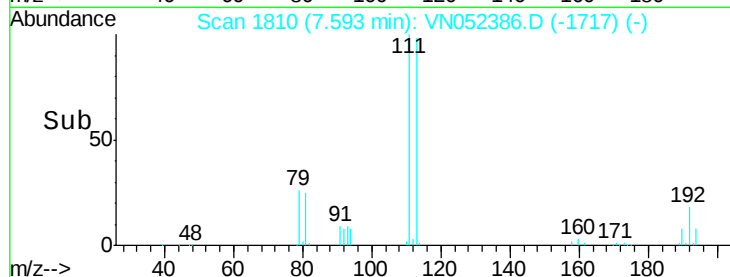
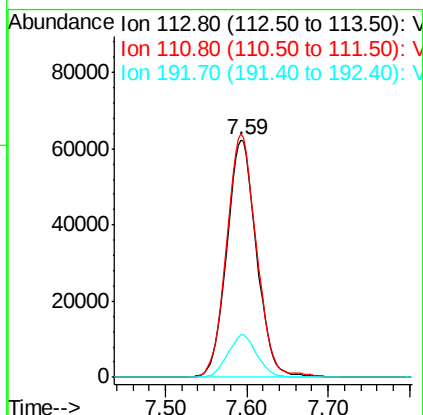
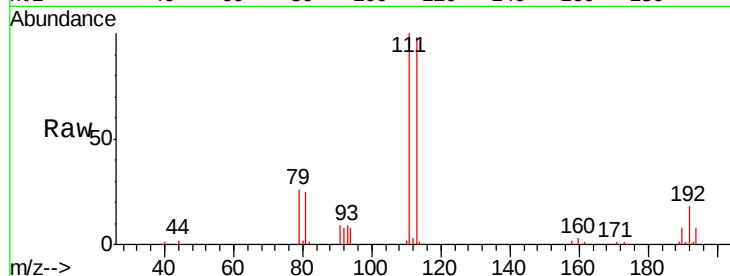




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052386.D
 Acq: 19 Nov 2018 15:47

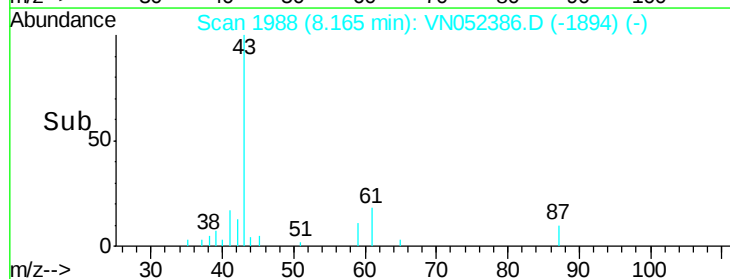
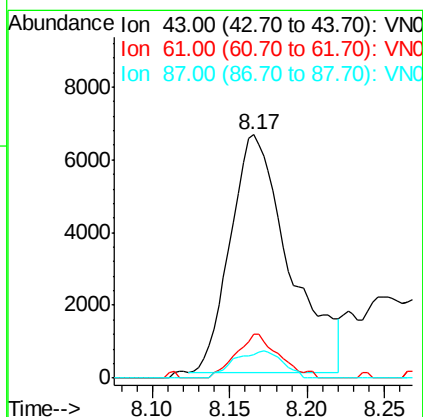
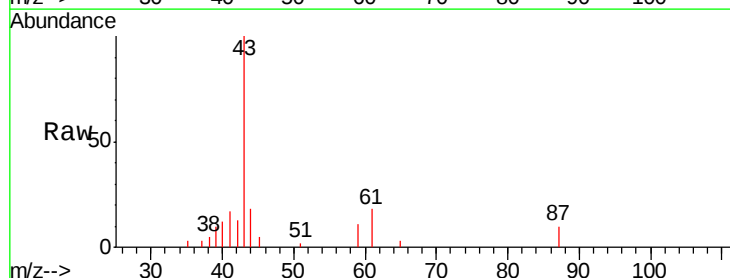
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114846ZHE#02

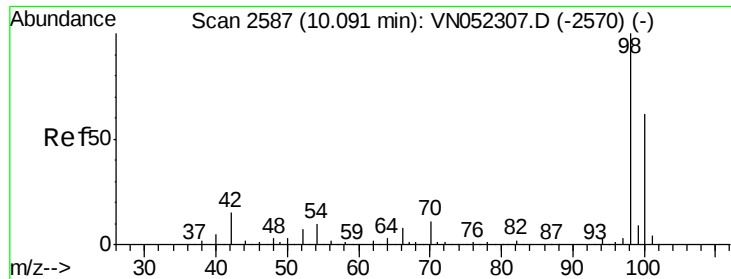
Tgt Ion: 113 Resp: 159382
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.0 121.6
 192 17.5 13.8 20.6



#43
 Isopropyl Acetate
 Concen: 2.57 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052386.D
 Acq: 19 Nov 2018 15:47

Tgt Ion: 43 Resp: 17325
 Ion Ratio Lower Upper
 43 100
 61 13.4 12.0 18.0
 87 9.4 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: VN052386.D

Acq: 19 Nov 2018 15:47

Instrument :

MSVOA_N

ClientSampleId :

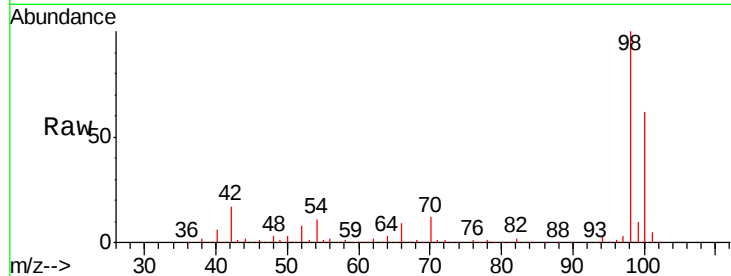
PB114846ZHE#02

Tgt Ion: 98 Resp: 611989

Ion Ratio Lower Upper

98 100

100 61.9 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

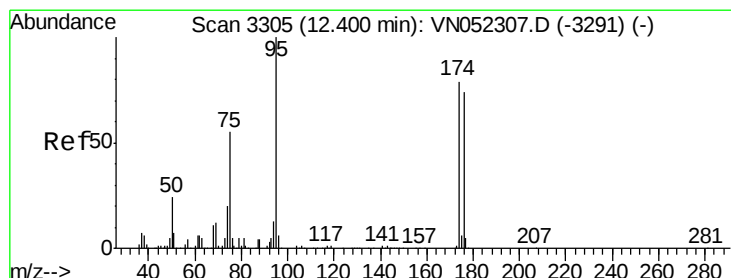
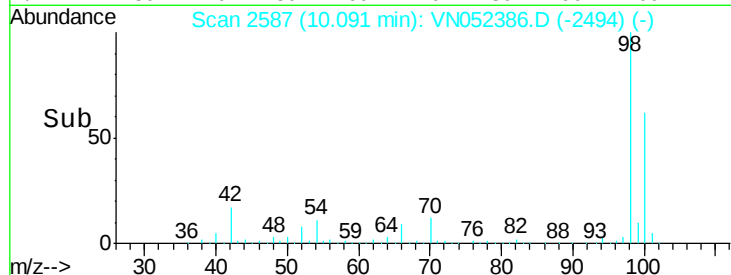
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052386.D

Acq: 19 Nov 2018 15:47

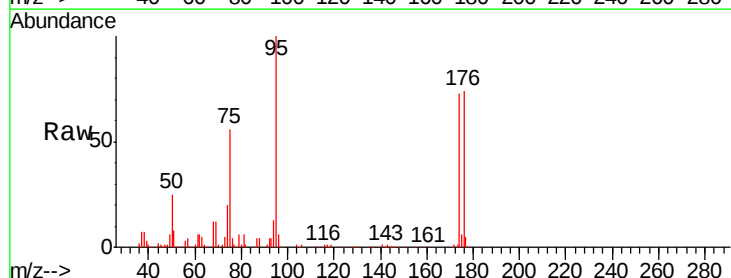
Tgt Ion: 95 Resp: 174295

Ion Ratio Lower Upper

95 100

174 74.4 0.0 156.0

176 74.3 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

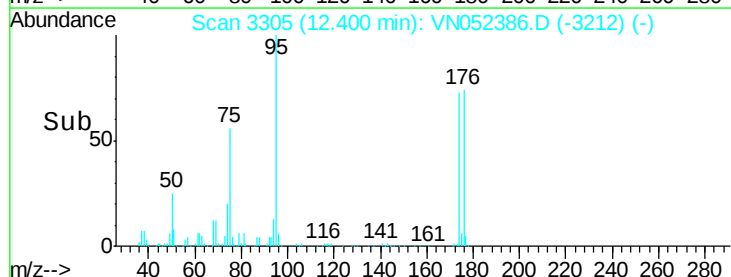
12.40

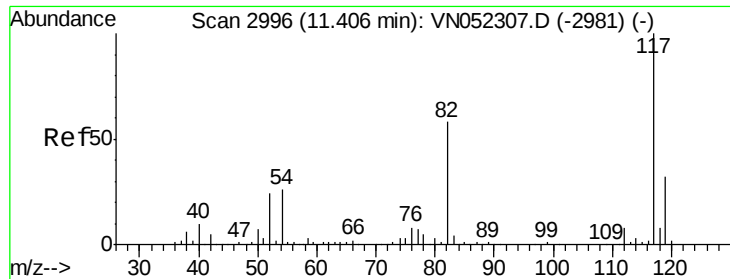
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052386.D

Acq: 19 Nov 2018 15:47

Instrument :

MSVOA_N

ClientSampleId :

PB114846ZHE#02

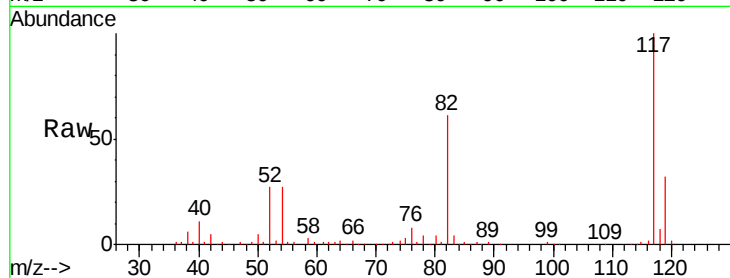
Tgt Ion:117 Resp: 406397

Ion Ratio Lower Upper

117 100

82 61.2 46.5 69.7

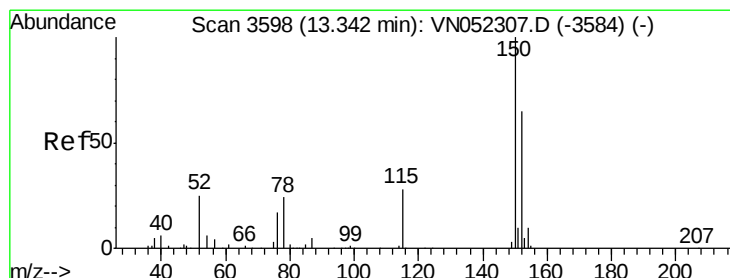
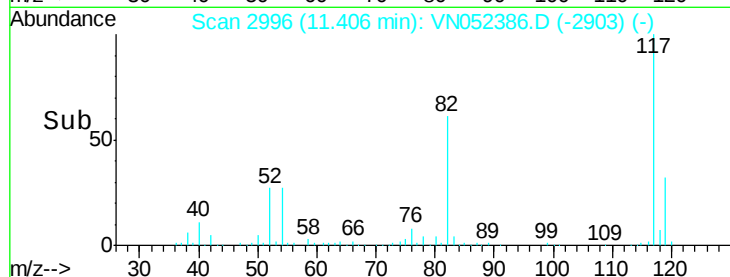
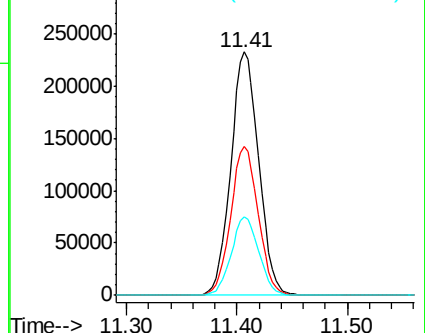
119 32.1 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052386.D

Acq: 19 Nov 2018 15:47

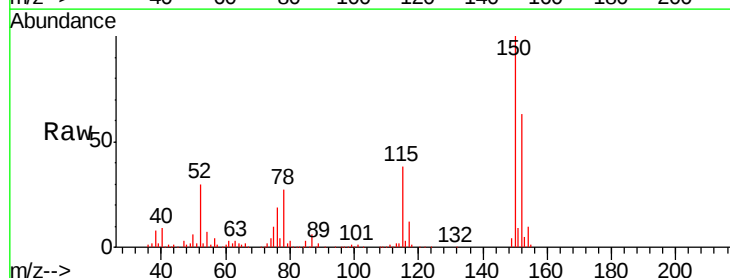
Tgt Ion:152 Resp: 134060

Ion Ratio Lower Upper

152 100

115 60.9 30.3 91.0

150 159.3 0.0 348.2



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

