

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052080.D
 Acq On : 31 Oct 2018 18:05
 Operator : MD\SY
 Sample : PB114328ZHE#10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#10

Quant Time: Nov 01 02:13:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	282910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	530409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	502249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	196386	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	245756	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
35) Dibromofluoromethane	7.59	113	203404	61.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.60%	
50) Toluene-d8	10.09	98	802606	60.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.04%	
62) 4-Bromofluorobenzene	12.40	95	262415	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	

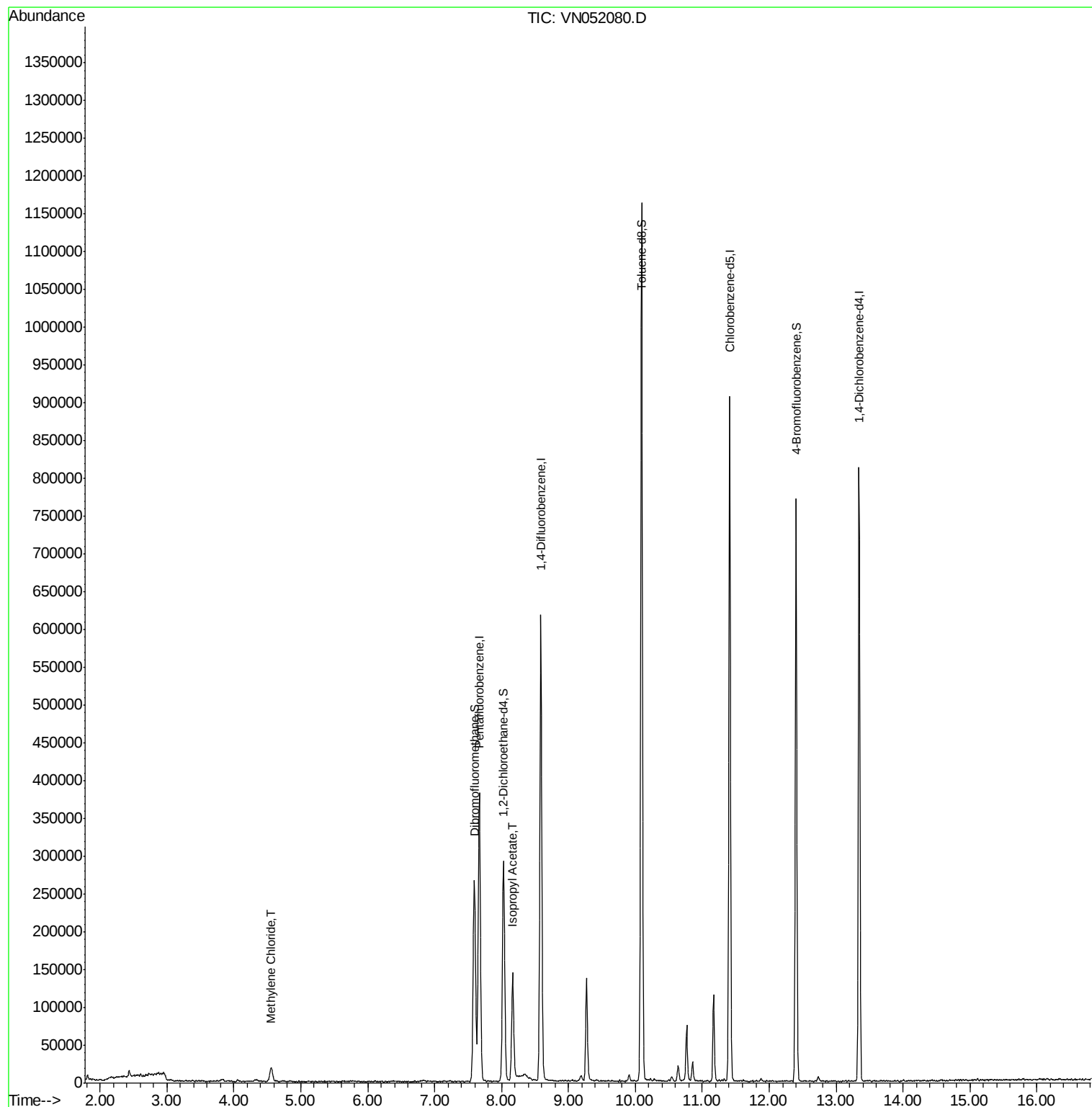
Target Compounds						Qvalue
20) Methylene Chloride	4.56	84	12897	3.49	ug/l	90
43) Isopropyl Acetate	8.17	43	173354	27.00	ug/l	99

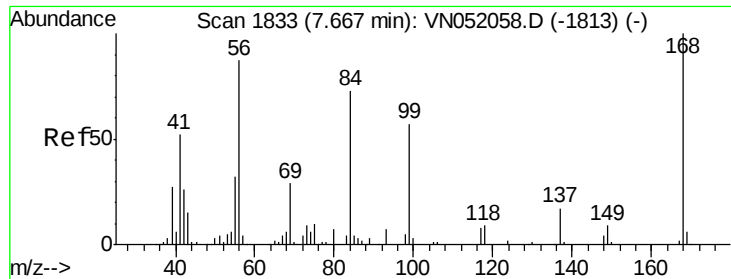
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052080.D

Acq: 31 Oct 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

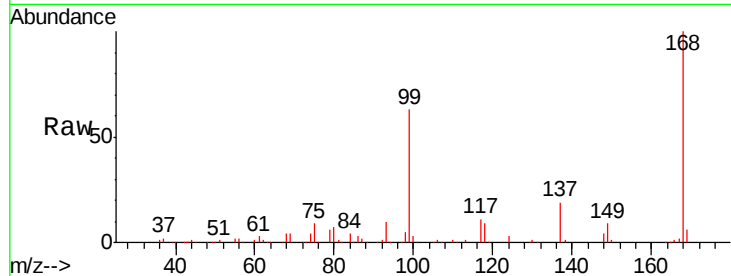
PB114328ZHE#10

Tgt Ion:168 Resp: 282910

Ion Ratio Lower Upper

168 100

99 63.3 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

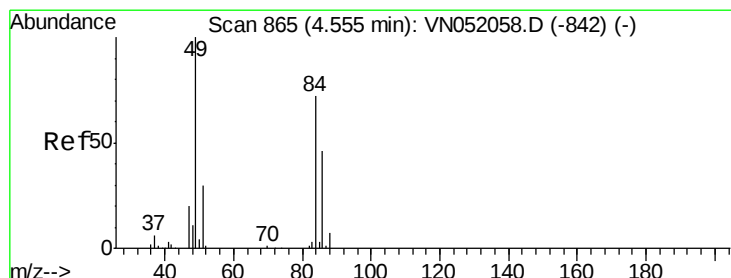
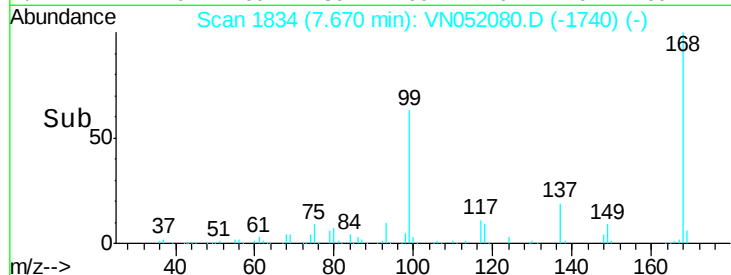
7.67

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 3.49 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN052080.D

Acq: 31 Oct 2018 18:05

Tgt Ion: 84 Resp: 12897

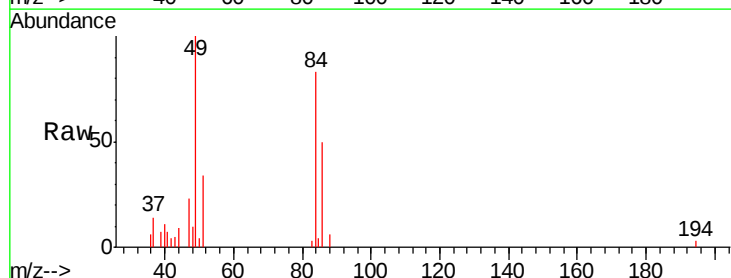
Ion Ratio Lower Upper

84 100

49 119.8 110.6 165.8

51 40.3 33.7 50.5

86 59.4 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

4.56

8000

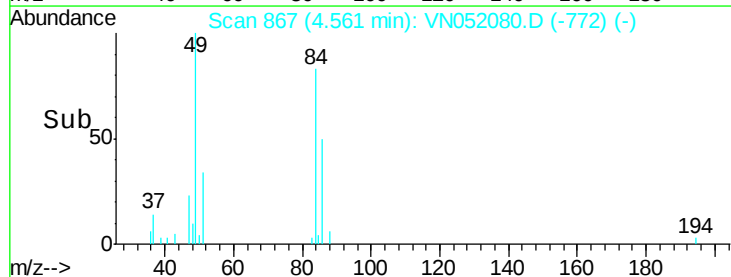
6000

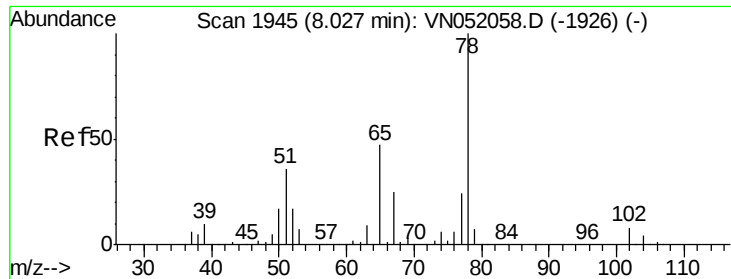
4000

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: VN052080.D

Acq: 31 Oct 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

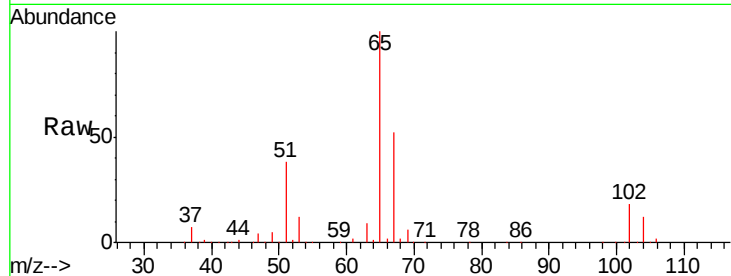
PB114328ZHE#10

Tgt Ion: 65 Resp: 245756

Ion Ratio Lower Upper

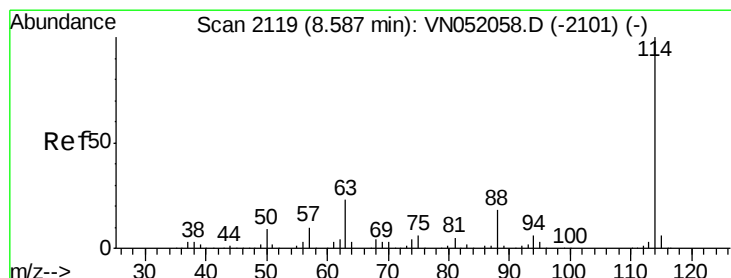
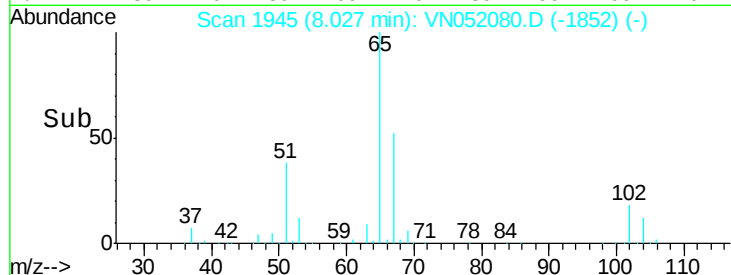
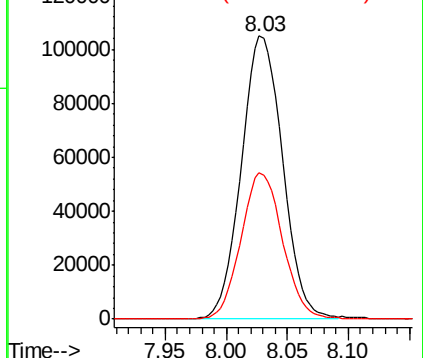
65 100

67 52.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052080.D

Acq: 31 Oct 2018 18:05

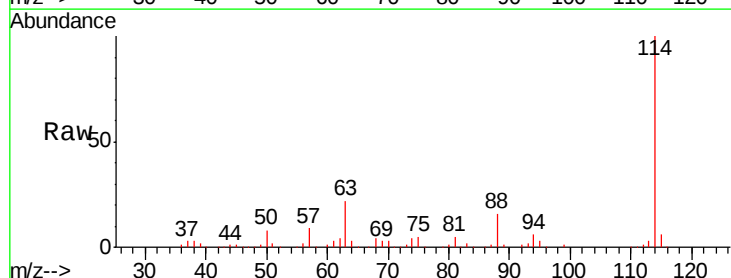
Tgt Ion: 114 Resp: 530409

Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.0

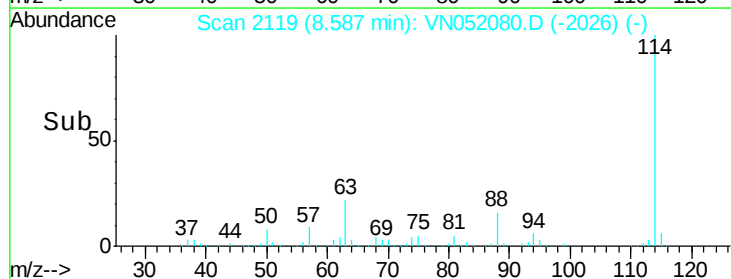
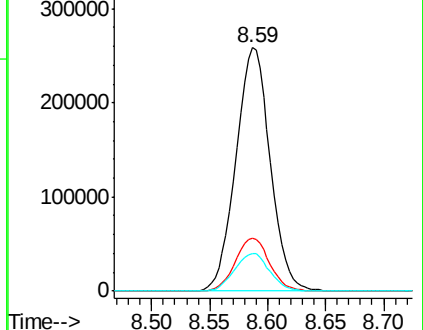
88 15.6 0.0 35.4

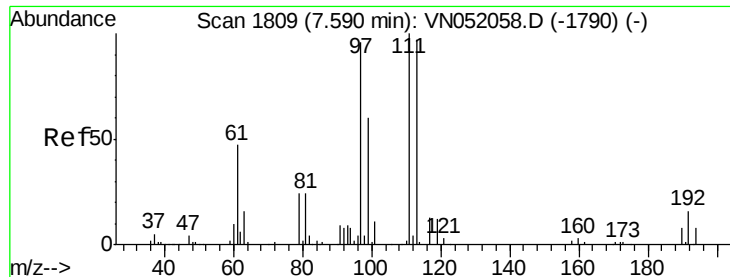


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

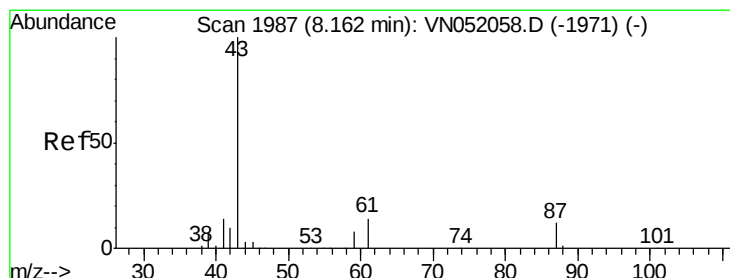
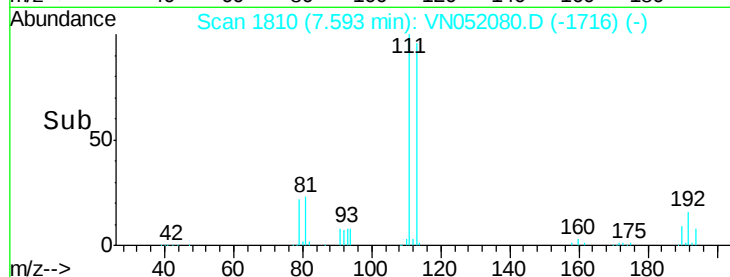
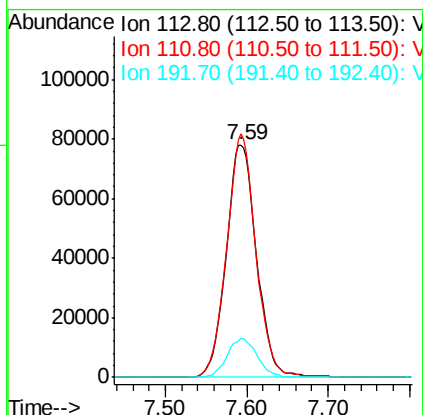
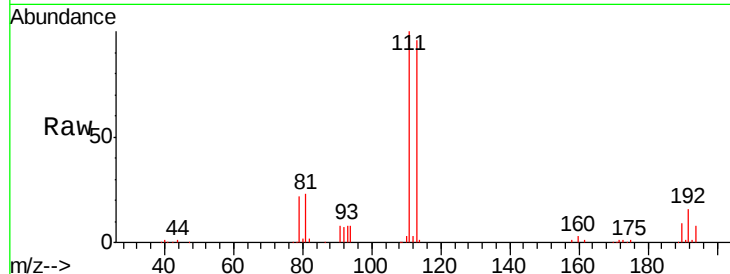




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052080.D
 Acq: 31 Oct 2018 18:05

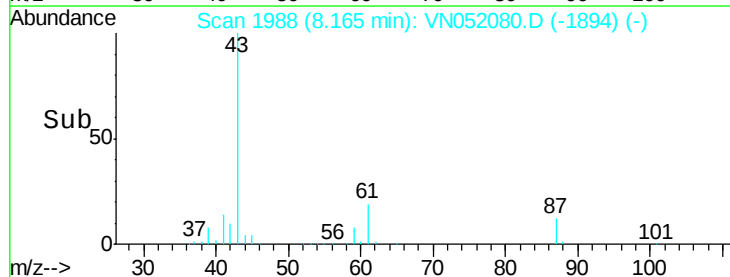
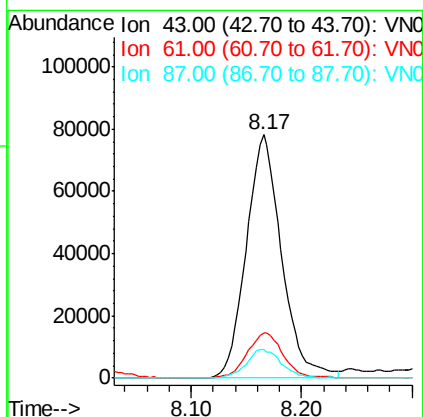
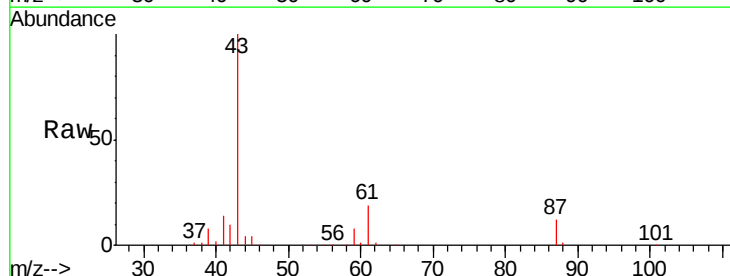
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#10

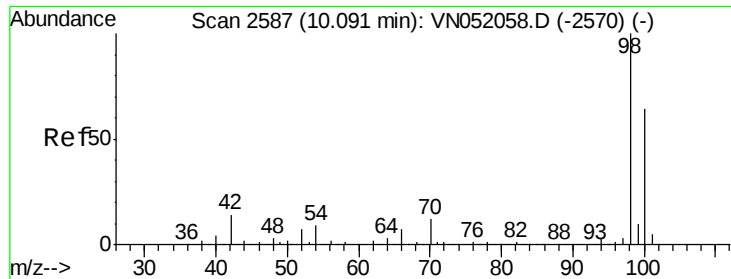
Tgt Ion: 113 Resp: 203404
 Ion Ratio Lower Upper
 113 100
 111 100.4 83.1 124.7
 192 16.6 12.7 19.1



#43
 Isopropyl Acetate
 Concen: 27.00 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052080.D
 Acq: 31 Oct 2018 18:05

Tgt Ion: 43 Resp: 173354
 Ion Ratio Lower Upper
 43 100
 61 18.8 15.4 23.0
 87 11.5 9.8 14.8





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052080.D

Acq: 31 Oct 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

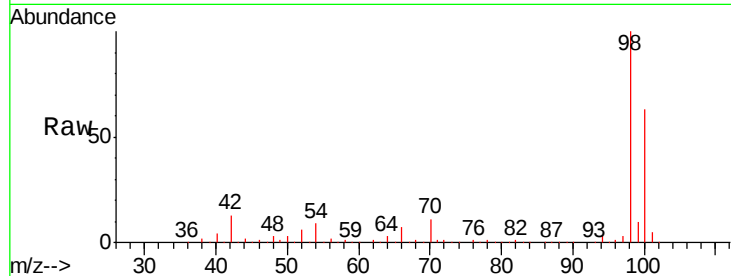
PB114328ZHE#10

Tgt Ion: 98 Resp: 802606

Ion Ratio Lower Upper

98 100

100 62.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

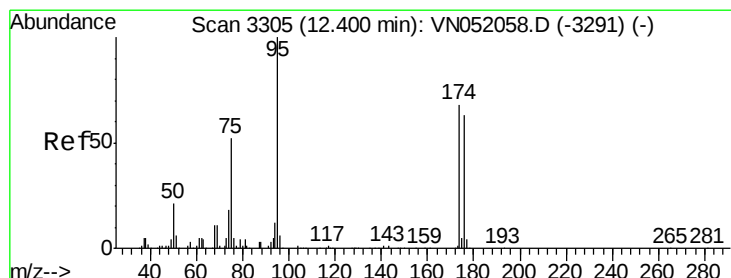
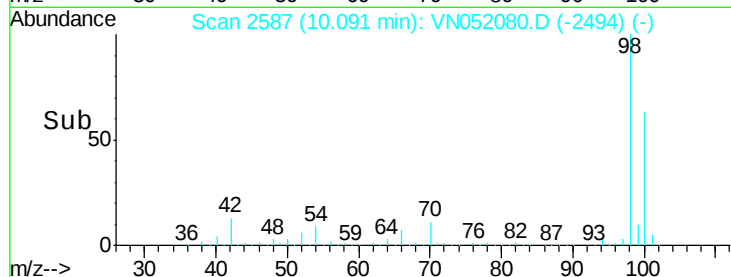
300000

200000

100000

0

Time--> 10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052080.D

Acq: 31 Oct 2018 18:05

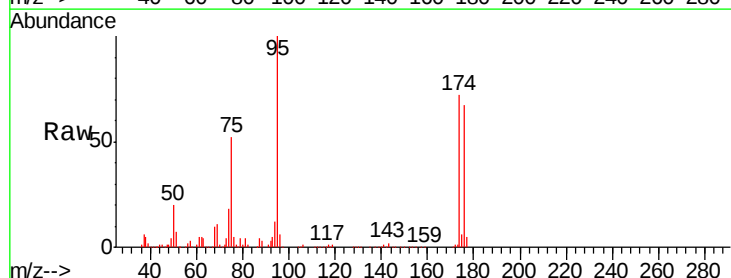
Tgt Ion: 95 Resp: 262415

Ion Ratio Lower Upper

95 100

174 74.3 0.0 131.8

176 69.6 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

200000

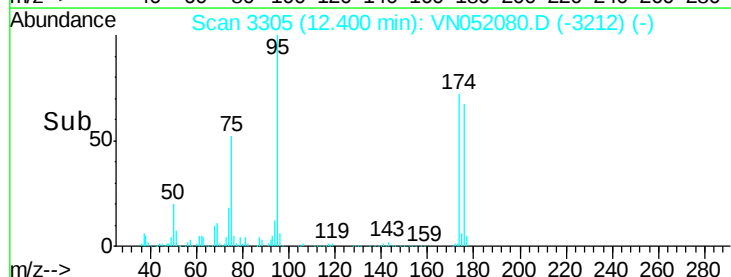
150000

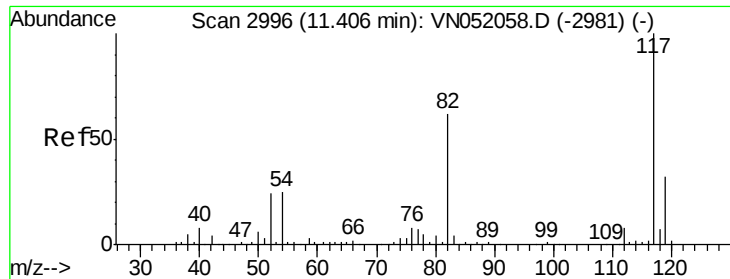
100000

50000

0

Time--> 12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052080.D

Acq: 31 Oct 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

PB114328ZHE#10

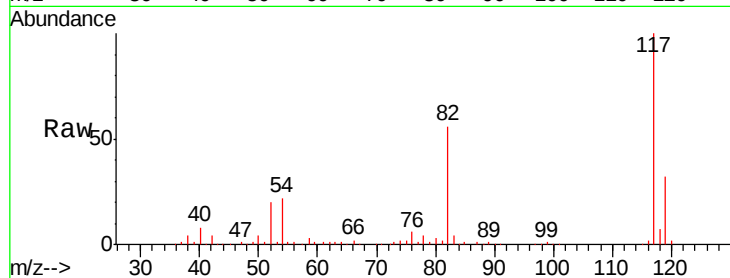
Tgt Ion:117 Resp: 502249

Ion Ratio Lower Upper

117 100

82 56.1 49.9 74.9

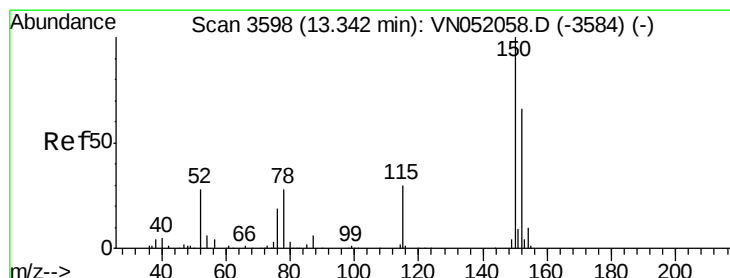
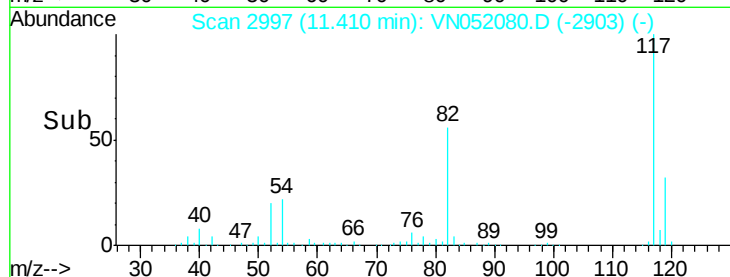
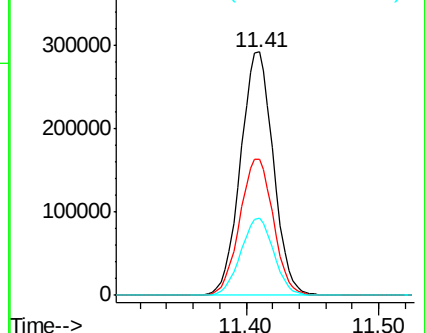
119 31.6 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052080.D

Acq: 31 Oct 2018 18:05

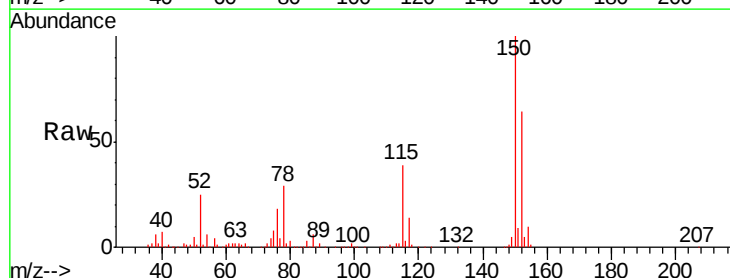
Tgt Ion:152 Resp: 196386

Ion Ratio Lower Upper

152 100

115 62.8 31.6 95.0

150 160.3 0.0 345.0



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

