

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052079.D
 Acq On : 31 Oct 2018 17:38
 Operator : MD\SY
 Sample : PB114328ZHE#09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#09

Quant Time: Nov 01 02:11:08 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

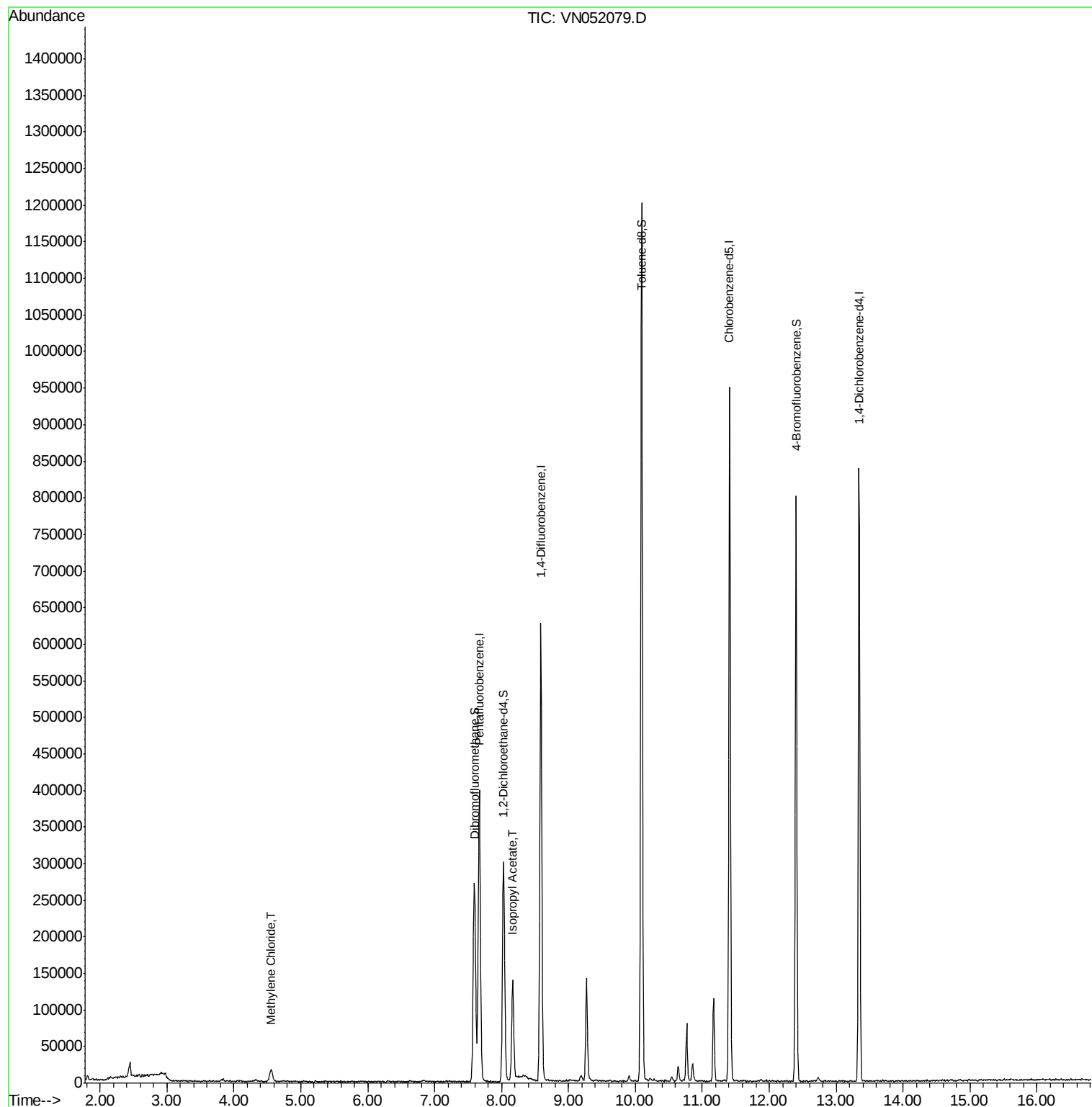
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	295410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	543360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	516311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	203036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	252969	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	7.59	113	208143	61.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.46%	
50) Toluene-d8	10.09	98	825062	60.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.46%	
62) 4-Bromofluorobenzene	12.40	95	281668	56.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.94%	
Target Compounds						
20) Methylene Chloride	4.56	84	12818	3.32	ug/l	# 86
43) Isopropyl Acetate	8.17	43	173046	26.31	ug/l	98

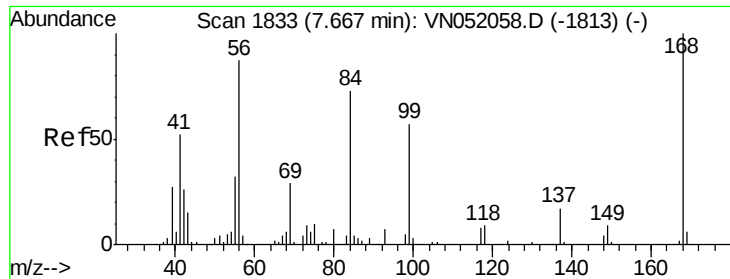
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 31 02:45:22 2018
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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: VN052079.D

Acq: 31 Oct 2018 17:38

Instrument :

MSVOA_N

ClientSampleId :

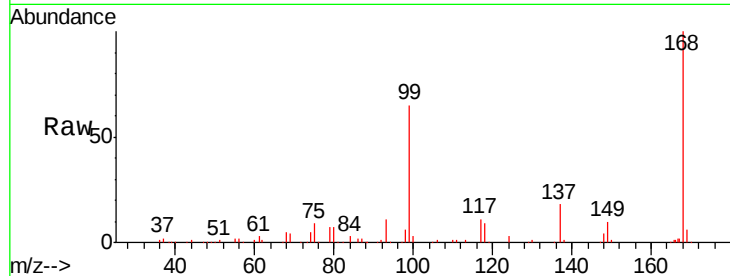
PB114328ZHE#09

Tgt Ion:168 Resp: 295410

Ion Ratio Lower Upper

168 100

99 64.5 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

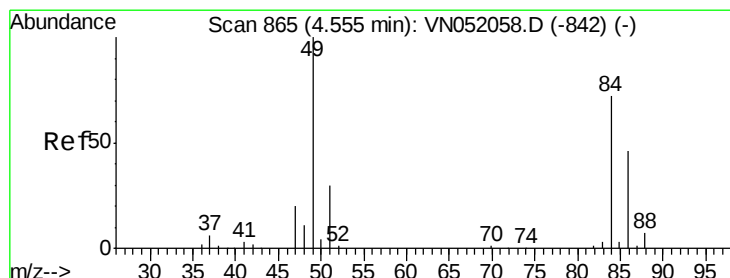
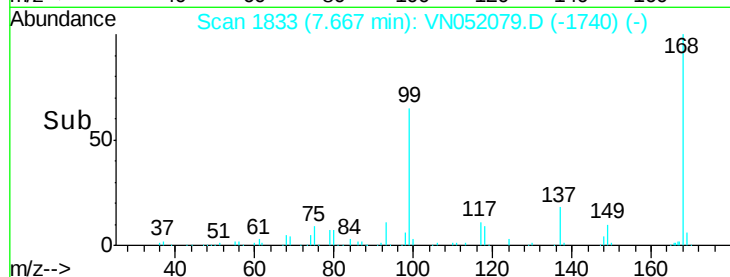
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 3.32 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052079.D

Acq: 31 Oct 2018 17:38

Tgt Ion: 84 Resp: 12818

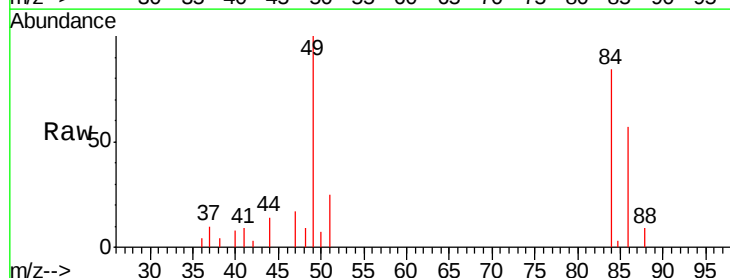
Ion Ratio Lower Upper

84 100

49 119.0 110.6 165.8

51 29.6 33.7 50.5#

86 67.7 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

8000

6000

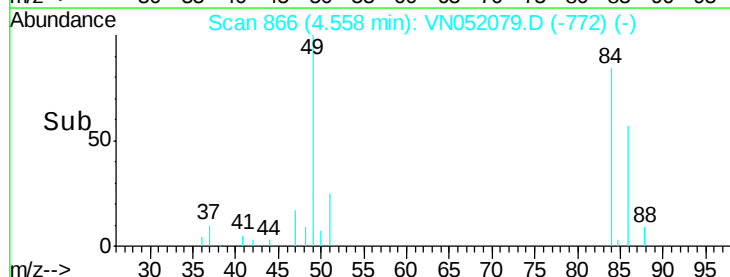
4000

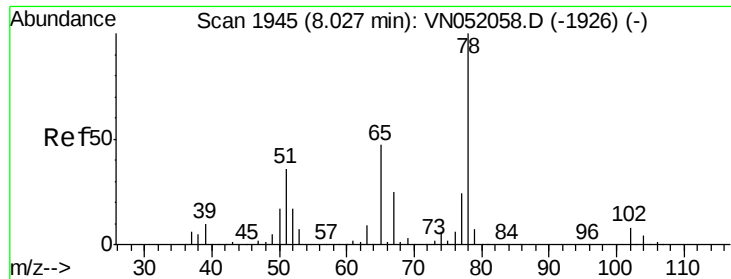
2000

0

Time-->

4.45 4.50 4.55 4.60 4.65

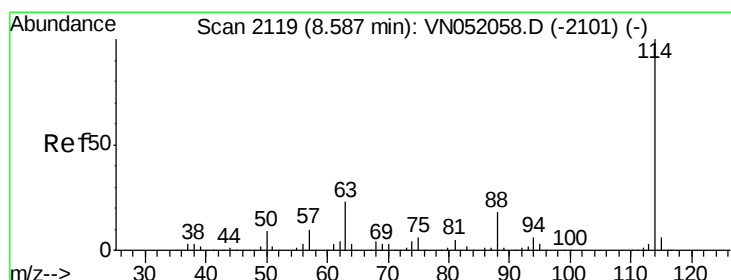
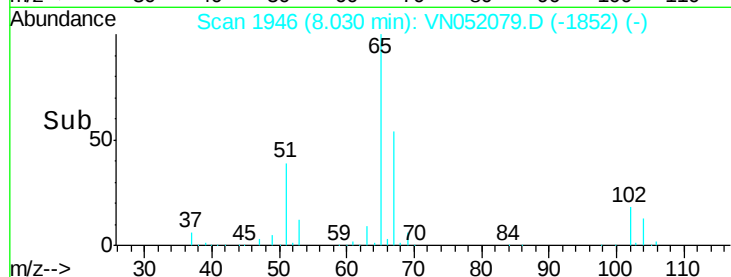
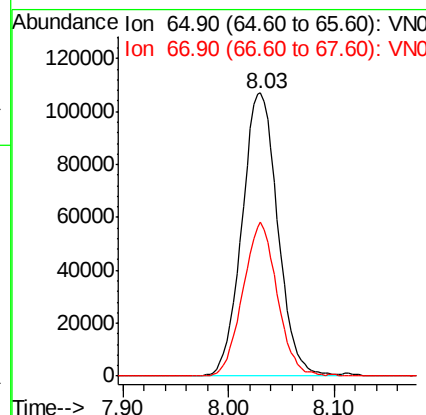
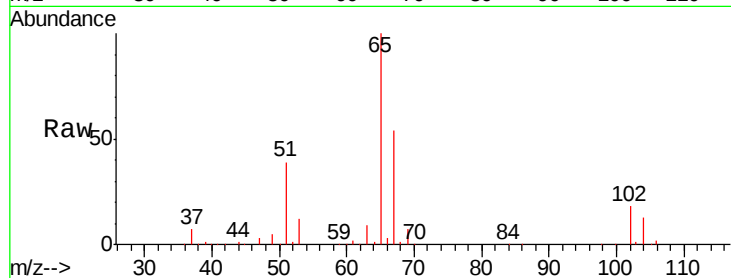




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052079.D
 Acq: 31 Oct 2018 17:38

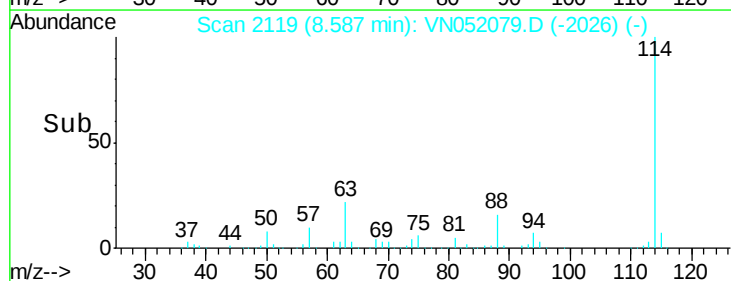
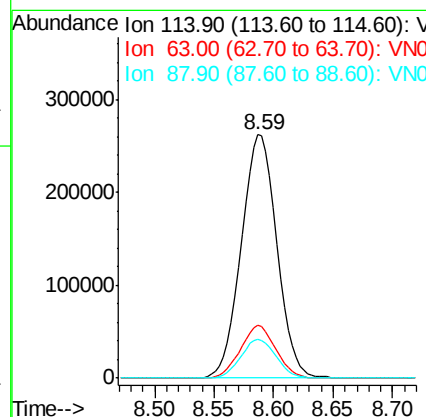
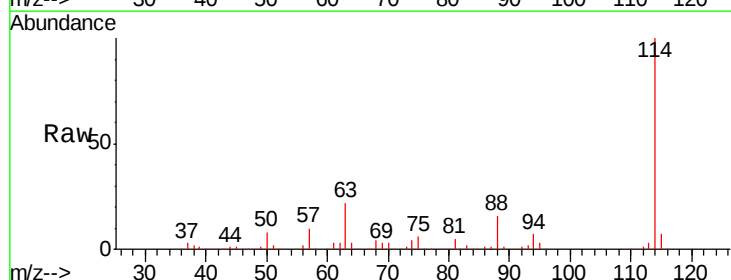
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#09

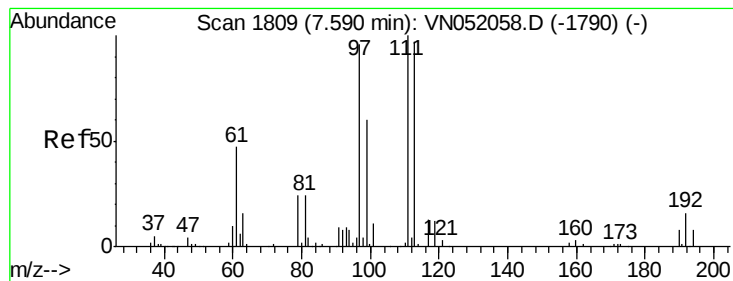
Tgt Ion: 65 Resp: 252969
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052079.D
 Acq: 31 Oct 2018 17:38

Tgt Ion: 114 Resp: 543360
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 46.0
 88 15.9 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052079.D

Acq: 31 Oct 2018 17:38

Instrument :

MSVOA_N

ClientSampleId :

PB114328ZHE#09

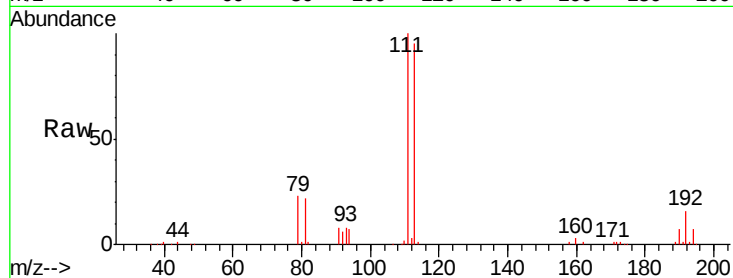
Tgt Ion:113 Resp: 208143

Ion Ratio Lower Upper

113 100

111 103.3 83.1 124.7

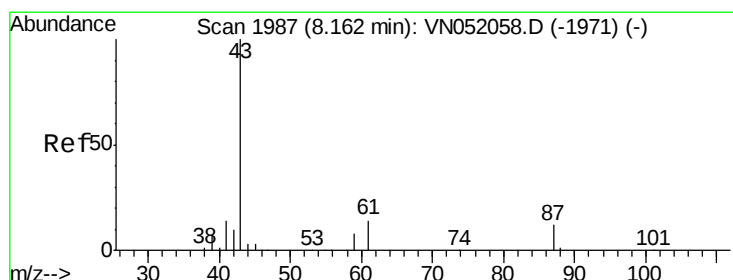
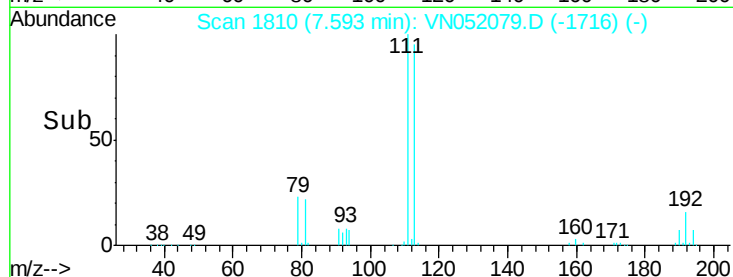
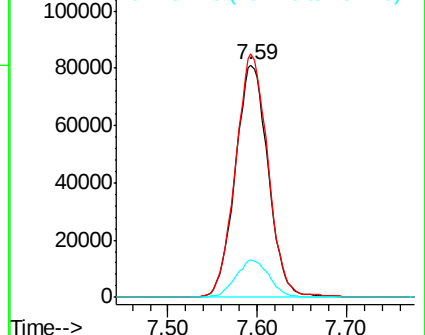
192 16.4 12.7 19.1



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: 26.31 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052079.D

Acq: 31 Oct 2018 17:38

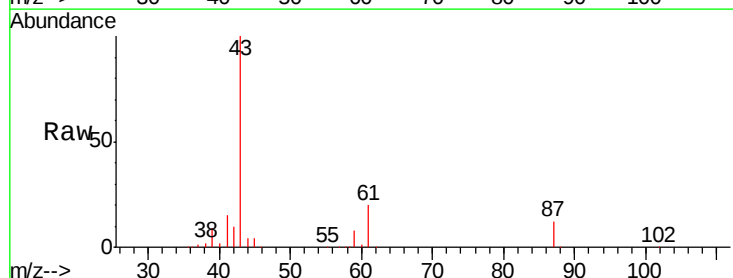
Tgt Ion: 43 Resp: 173046

Ion Ratio Lower Upper

43 100

61 18.2 15.4 23.0

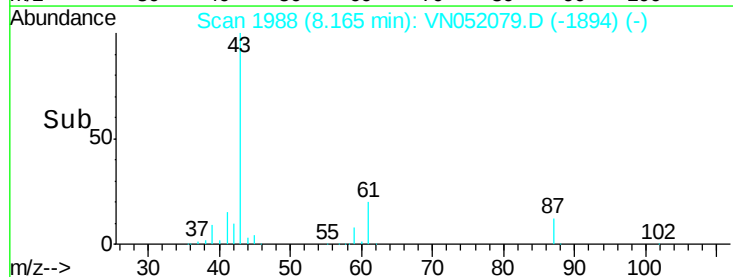
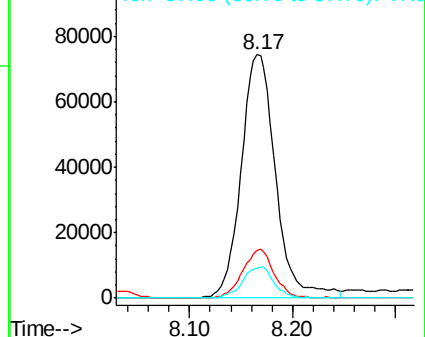
87 11.6 9.8 14.8

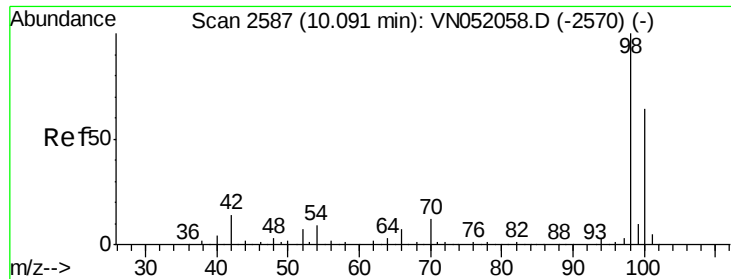


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052079.D

Acq: 31 Oct 2018 17:38

Instrument :

MSVOA_N

ClientSampleId :

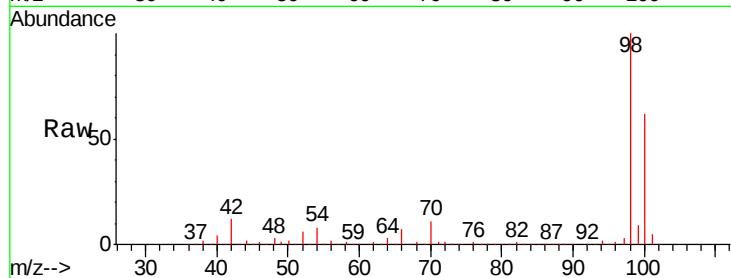
PB114328ZHE#09

Tgt Ion: 98 Resp: 825062

Ion Ratio Lower Upper

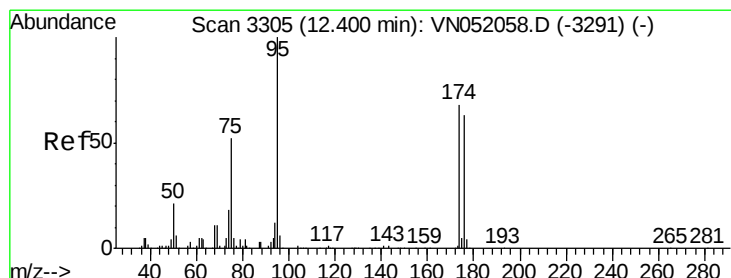
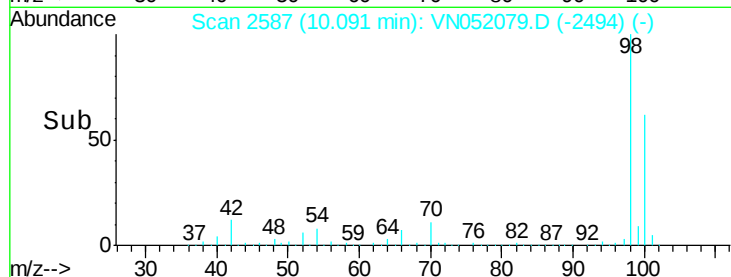
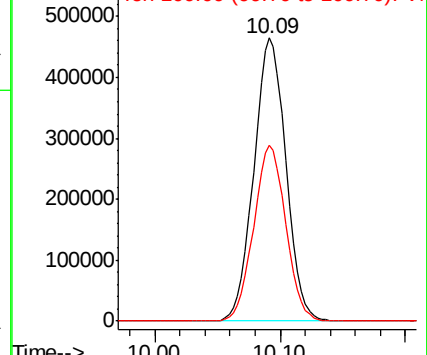
98 100

100 62.4 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: VN052079.D

Acq: 31 Oct 2018 17:38

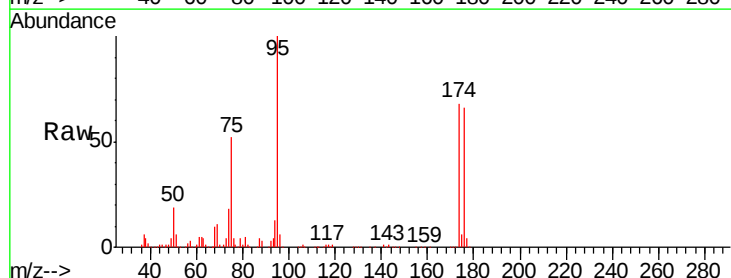
Tgt Ion: 95 Resp: 281668

Ion Ratio Lower Upper

95 100

174 69.7 0.0 131.8

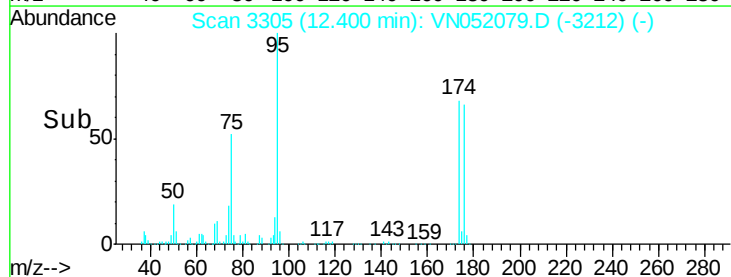
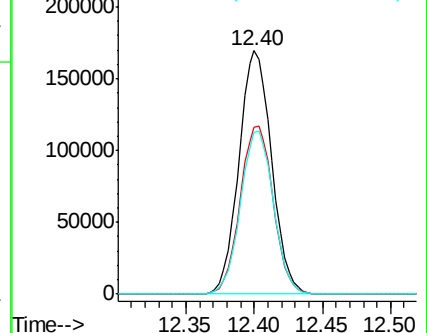
176 67.5 0.0 126.0

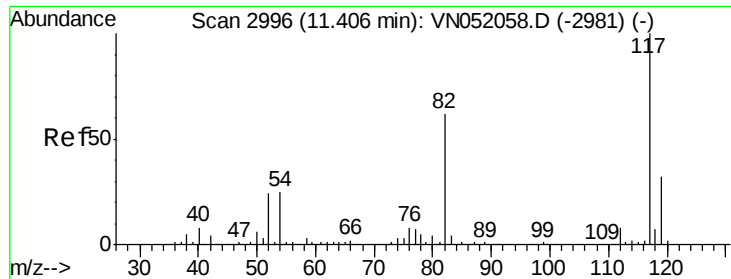


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN

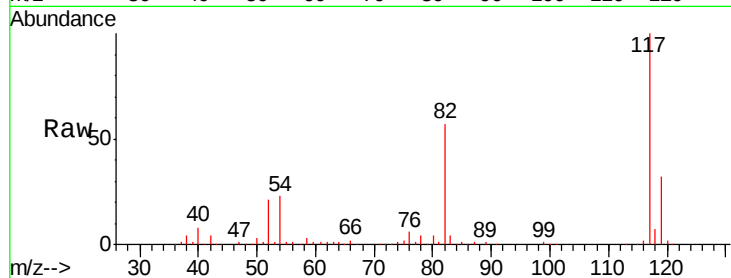




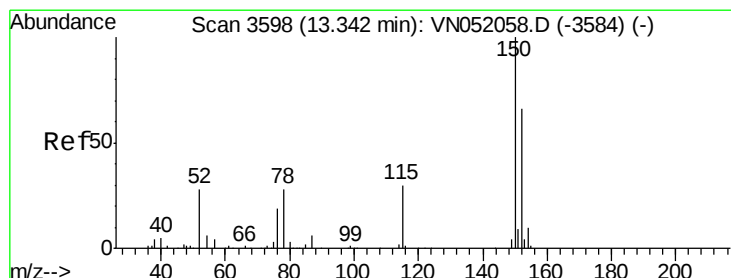
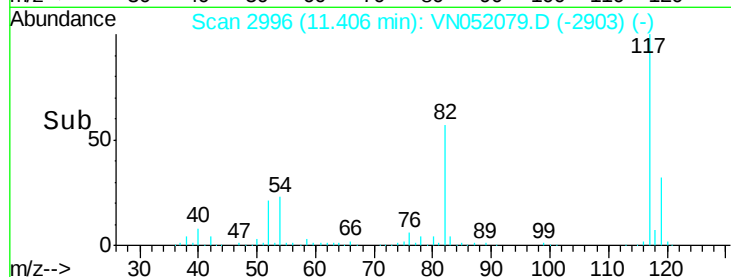
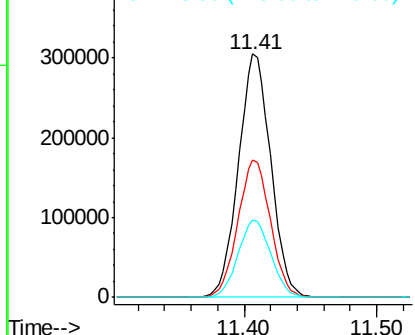
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052079.D
Acq: 31 Oct 2018 17:38

Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#09

Tgt Ion:117 Resp: 516311
Ion Ratio Lower Upper
117 100
82 56.6 49.9 74.9
119 31.6 25.7 38.5

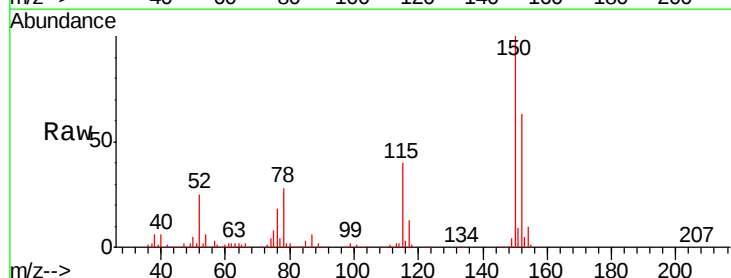


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052079.D
Acq: 31 Oct 2018 17:38

Tgt Ion:152 Resp: 203036
Ion Ratio Lower Upper
152 100
115 63.9 31.6 95.0
150 161.3 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

