

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052072.D
 Acq On : 31 Oct 2018 14:31
 Operator : MD\SY
 Sample : PB114328ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#02

Quant Time: Nov 01 01:50:27 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

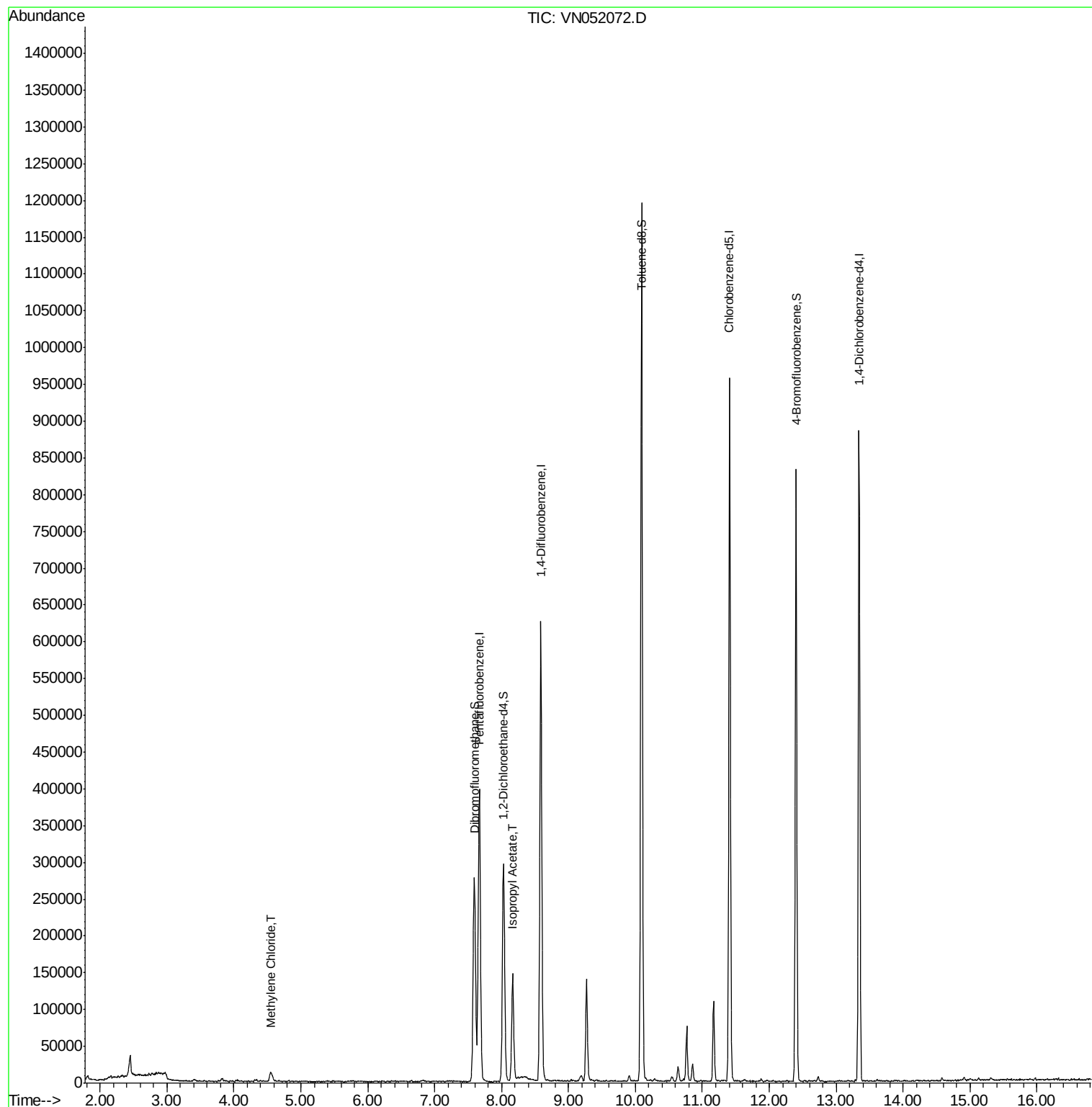
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	297978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	548853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	252039	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
35) Dibromofluoromethane	7.59	113	208851	60.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.66%	
50) Toluene-d8	10.09	98	828757	60.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.78%	
62) 4-Bromofluorobenzene	12.40	95	286297	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.66%	
Target Compounds						
20) Methylene Chloride	4.55	84	9329	2.40	ug/l	85
43) Isopropyl Acetate	8.17	43	169789	25.56	ug/l	99

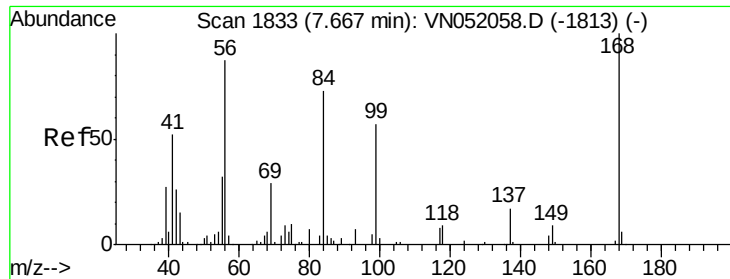
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052072.D

Acq: 31 Oct 2018 14:31

Instrument :

MSVOA_N

ClientSampleId :

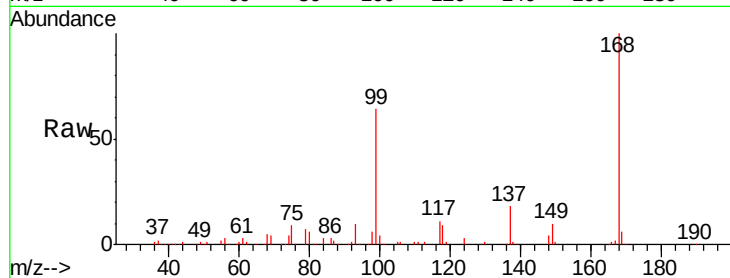
PB114328ZHE#02

Tgt Ion:168 Resp: 297978

Ion Ratio Lower Upper

168 100

99 63.5 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

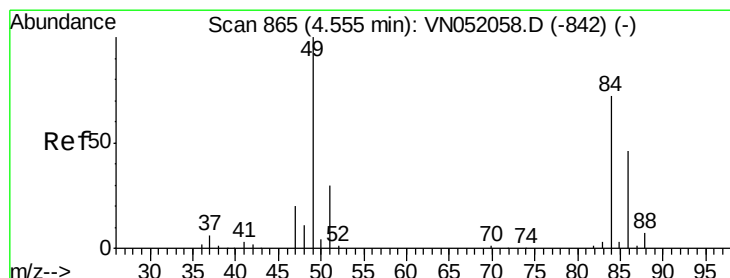
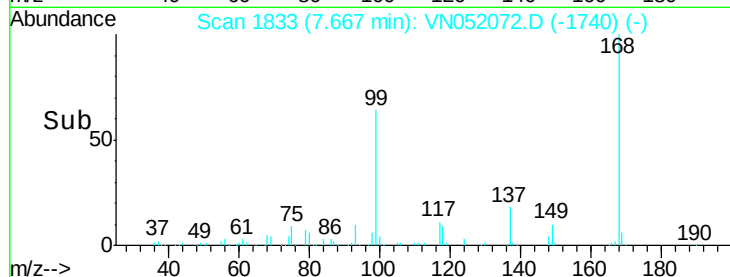
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 2.40 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.01 min

Lab File: VN052072.D

Acq: 31 Oct 2018 14:31

Tgt Ion: 84 Resp: 9329

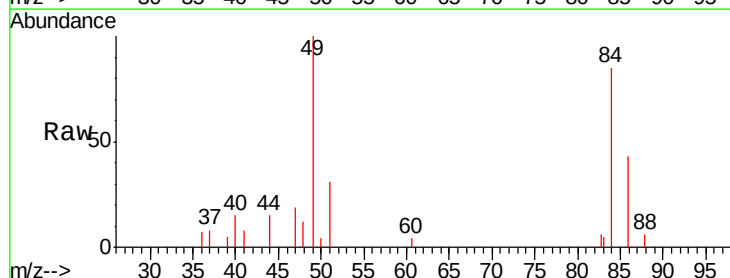
Ion Ratio Lower Upper

84 100

49 118.0 110.6 165.8

51 36.2 33.7 50.5

86 51.2 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

6000

5000

4000

3000

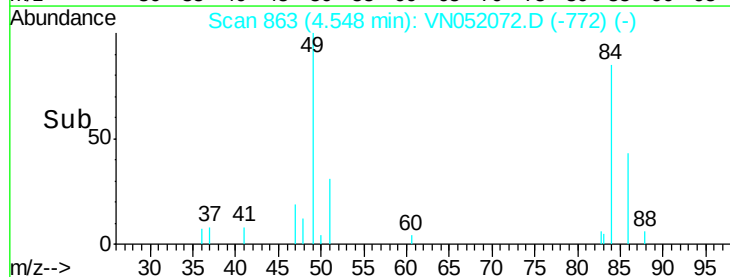
2000

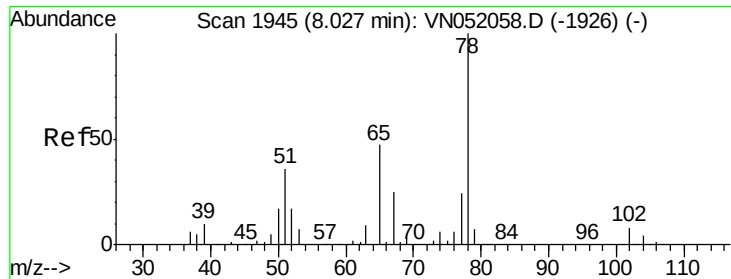
1000

0

Time-->

4.45 4.50 4.55 4.60 4.65

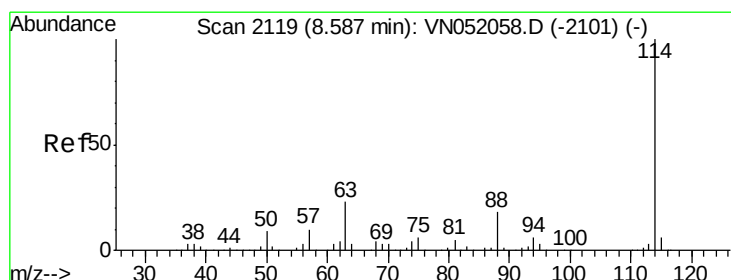
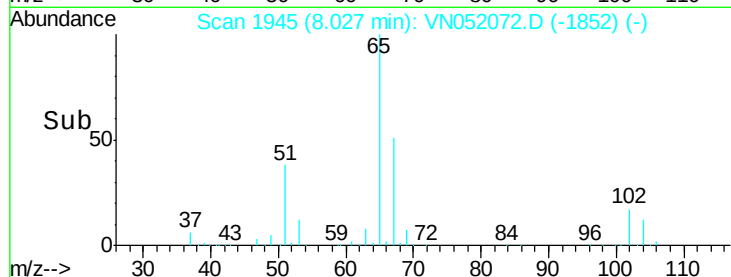
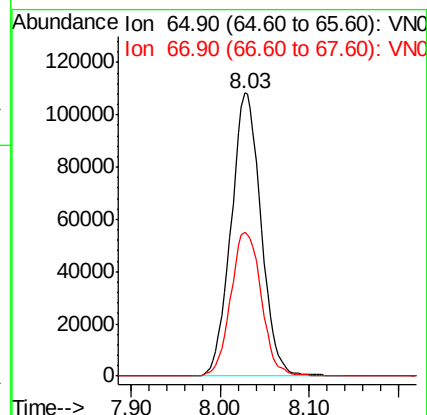
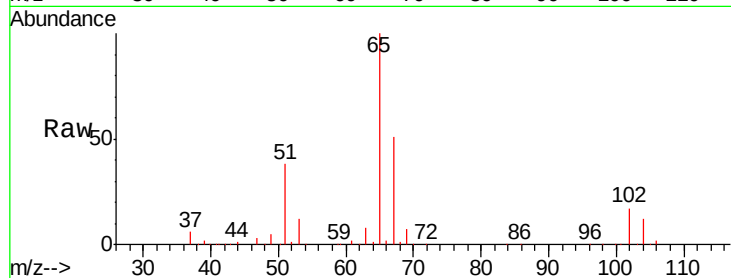




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052072.D
 Acq: 31 Oct 2018 14:31

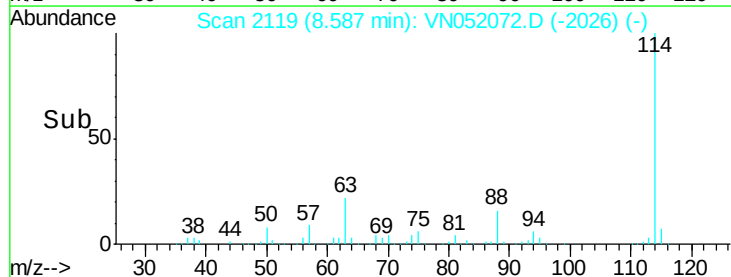
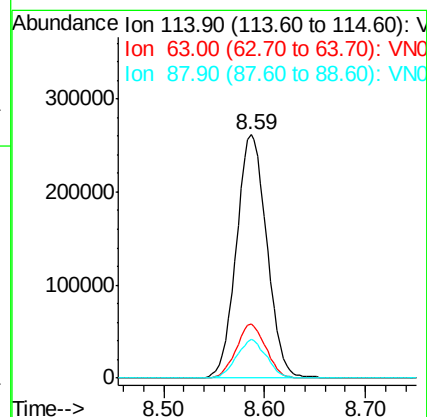
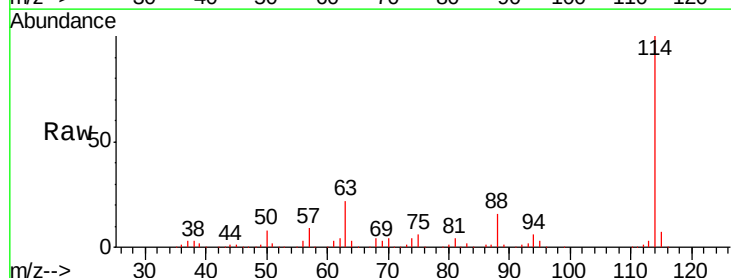
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#02

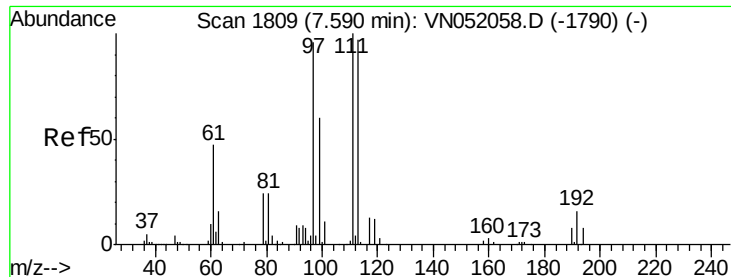
Tgt Ion: 65 Resp: 252039
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052072.D
 Acq: 31 Oct 2018 14:31

Tgt Ion: 114 Resp: 548853
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 46.0
 88 15.7 0.0 35.4

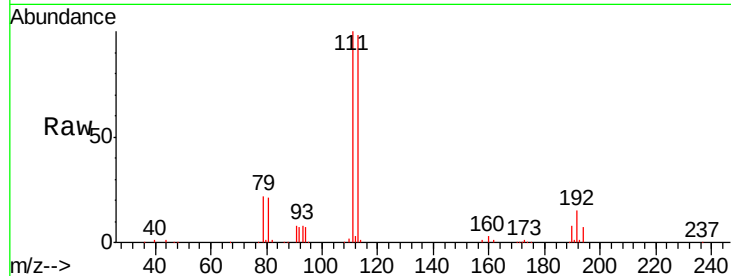




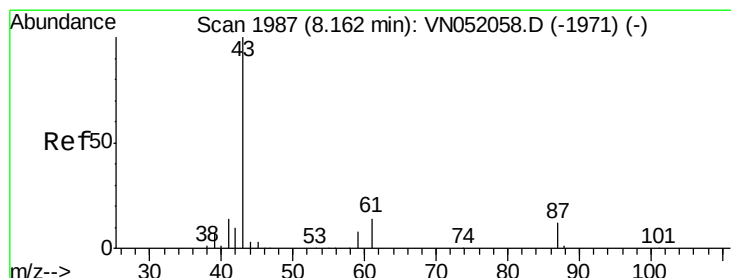
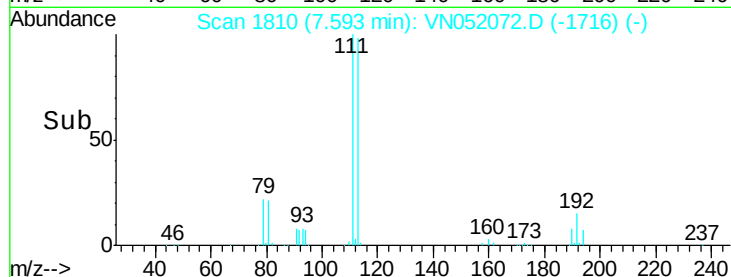
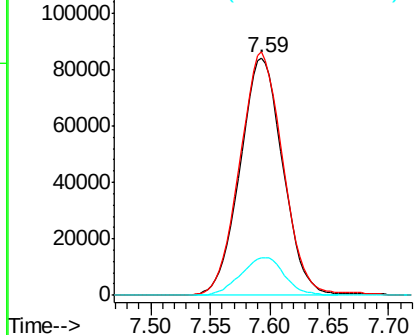
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052072.D
 Acq: 31 Oct 2018 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#02

Tgt Ion: 113 Resp: 208851
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.1 124.7
 192 16.3 12.7 19.1

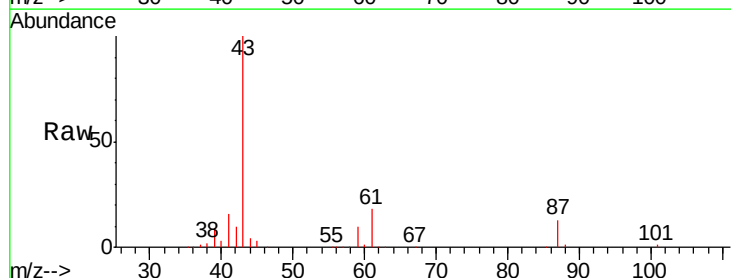


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

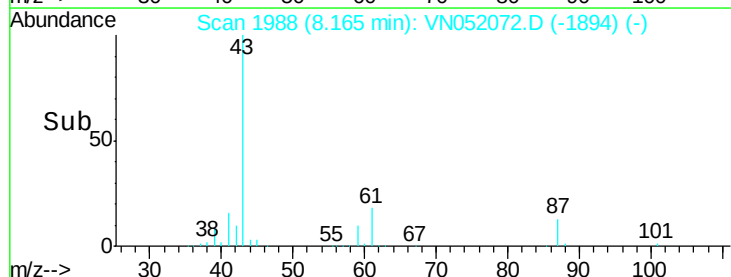
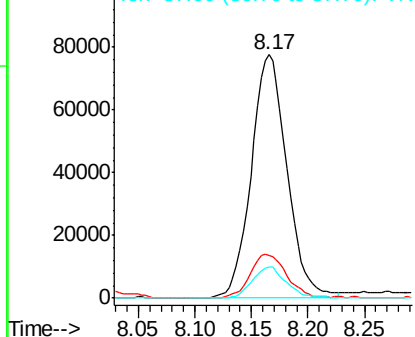


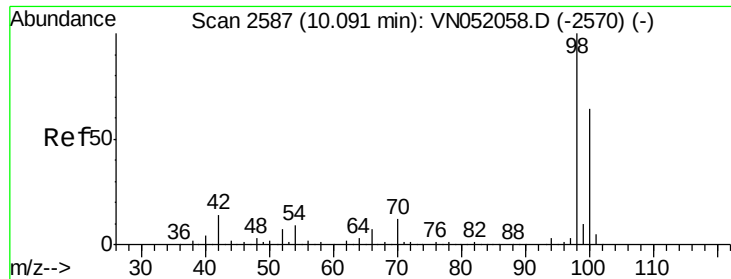
#43
 Isopropyl Acetate
 Concen: 25.56 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052072.D
 Acq: 31 Oct 2018 14:31

Tgt Ion: 43 Resp: 169789
 Ion Ratio Lower Upper
 43 100
 61 18.4 15.4 23.0
 87 12.2 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

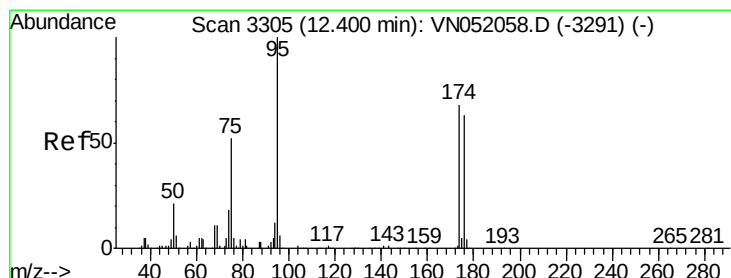
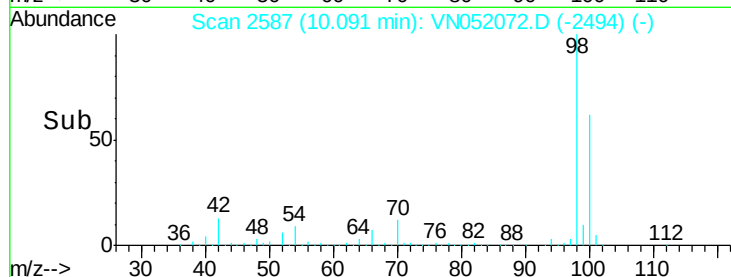
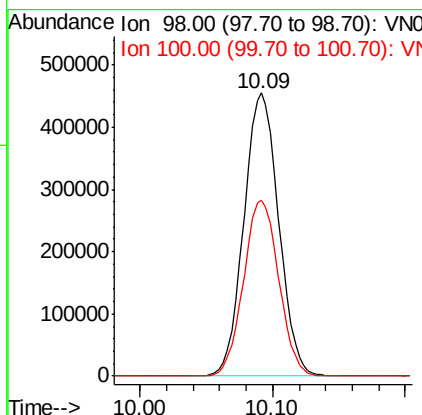
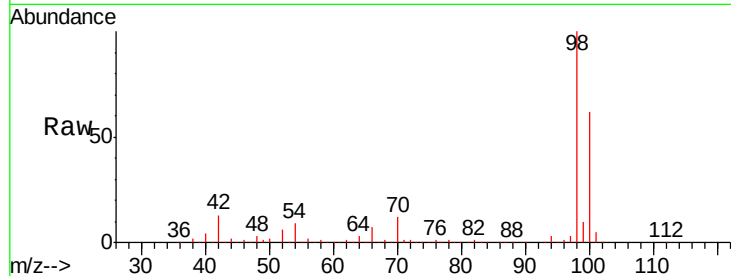




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

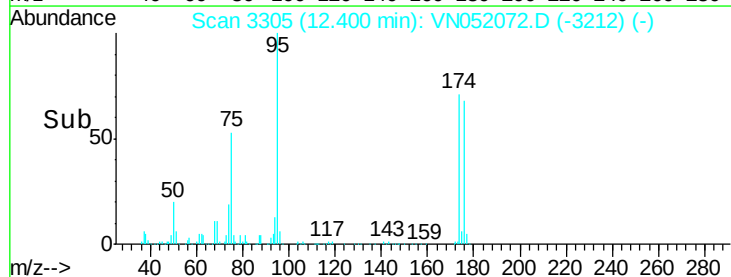
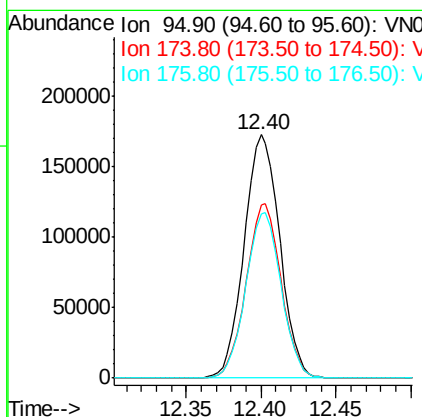
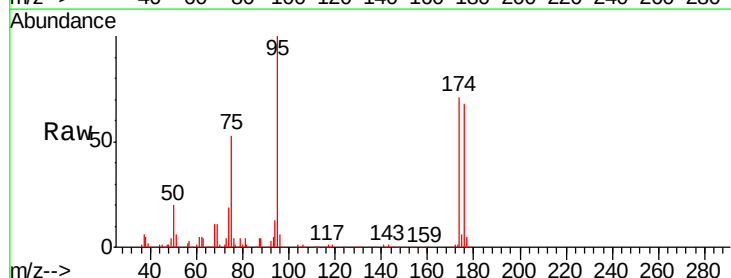
Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#02

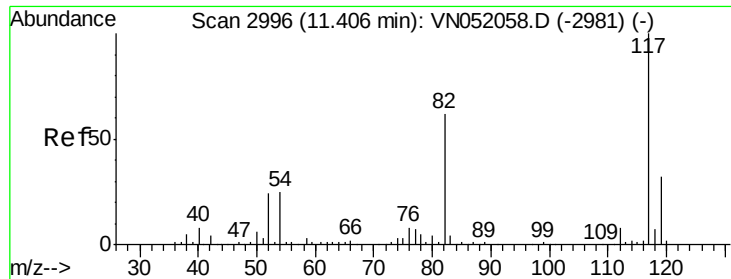
Tgt Ion: 98 Resp: 828757
Ion Ratio Lower Upper
98 100
100 62.8 51.4 77.2



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion: 95 Resp: 286297
Ion Ratio Lower Upper
95 100
174 70.3 0.0 131.8
176 67.5 0.0 126.0

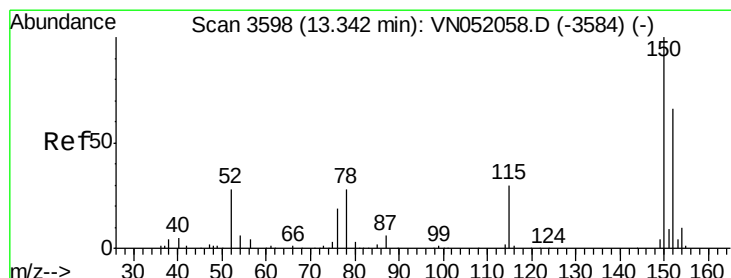
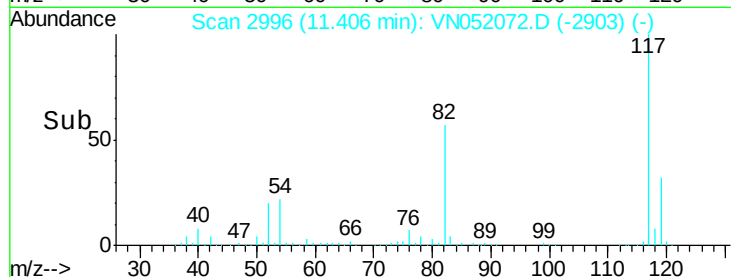
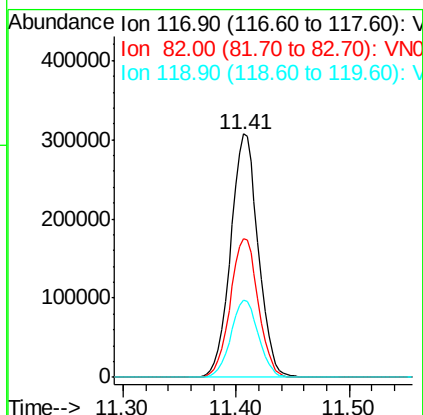
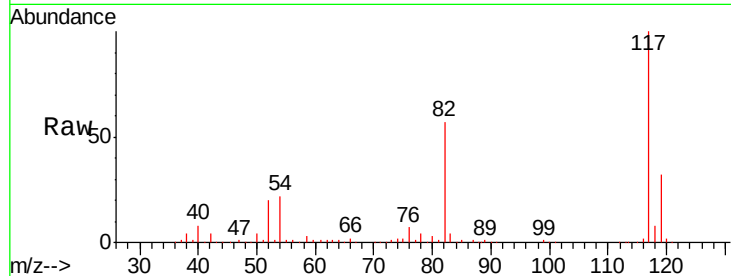




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#02

Tgt Ion:117 Resp: 519178
Ion Ratio Lower Upper
117 100
82 57.2 49.9 74.9
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052072.D
Acq: 31 Oct 2018 14:31

Tgt Ion:152 Resp: 215112
Ion Ratio Lower Upper
152 100
115 64.4 31.6 95.0
150 160.6 0.0 345.0

