

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052451.D
 Acq On : 21 Nov 2018 20:57
 Operator : MD\SY
 Sample : J5996-16 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC1-06-A

Quant Time: Nov 22 01:29:15 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

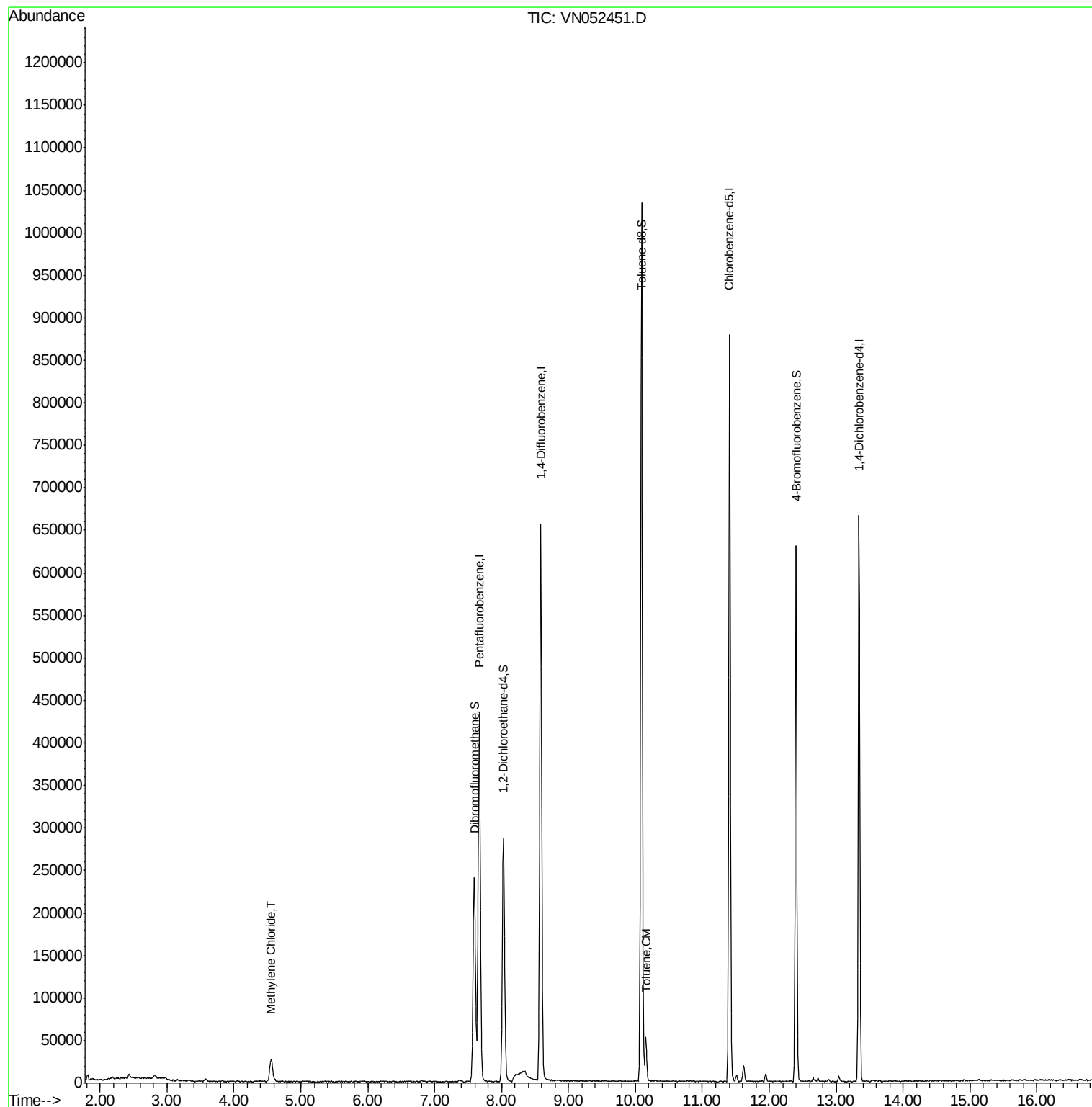
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	313753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	531410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	445540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	240113	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
35) Dibromofluoromethane	7.59	113	173458	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	10.09	98	668345	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.40	95	198558	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
20) Methylene Chloride	4.56	84	16091	3.69	ug/l	94
52) Toluene	10.16	92	19598	2.15	ug/l	94

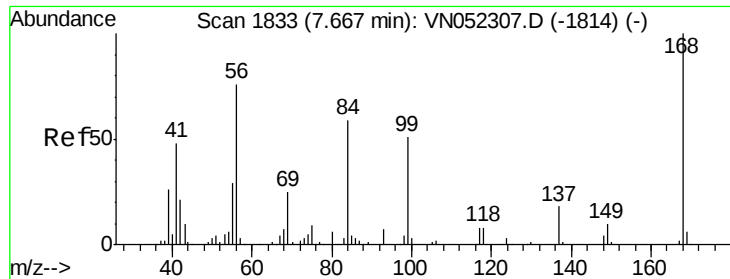
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052451.D

Acq: 21 Nov 2018 20:57

Instrument :

MSVOA_N

ClientSampled :

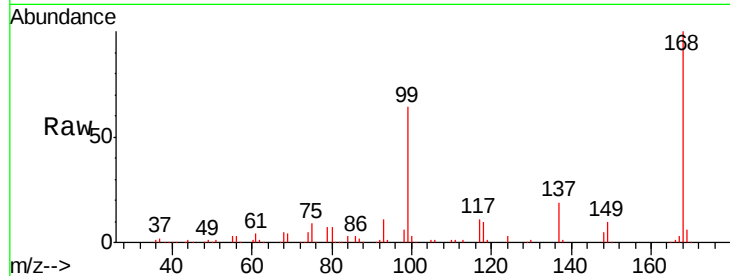
AOC1-06-A

Tgt Ion:168 Resp: 313753

Ion Ratio Lower Upper

168 100

99 64.4 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

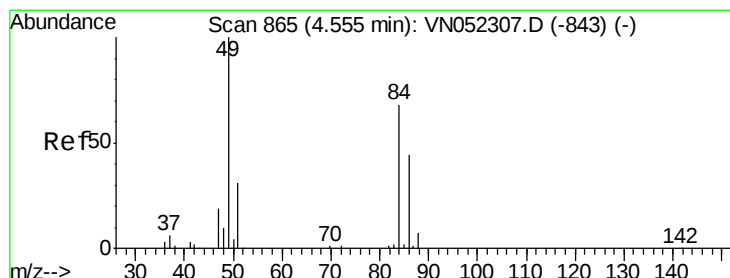
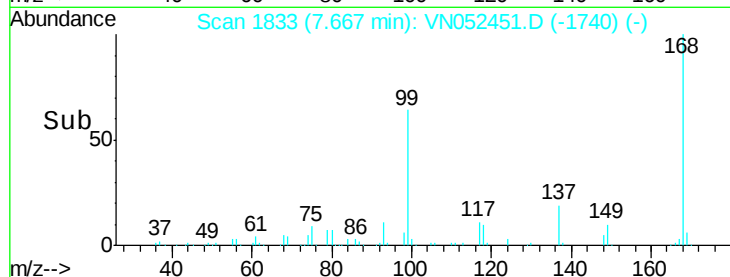
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.69 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN052451.D

Acq: 21 Nov 2018 20:57

Tgt Ion: 84 Resp: 16091

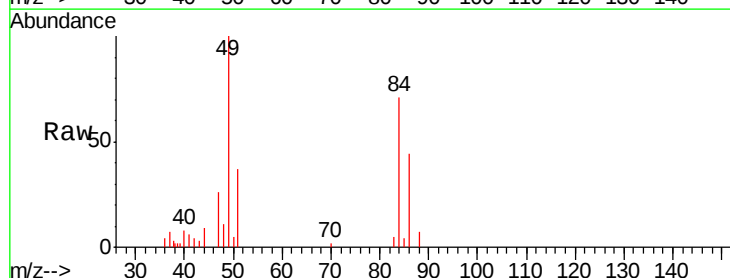
Ion Ratio Lower Upper

84 100

49 141.2 118.2 177.2

51 52.5 36.1 54.1

86 62.4 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

4.56

12000

10000

8000

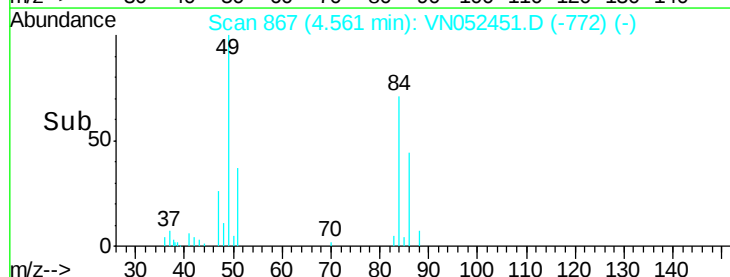
6000

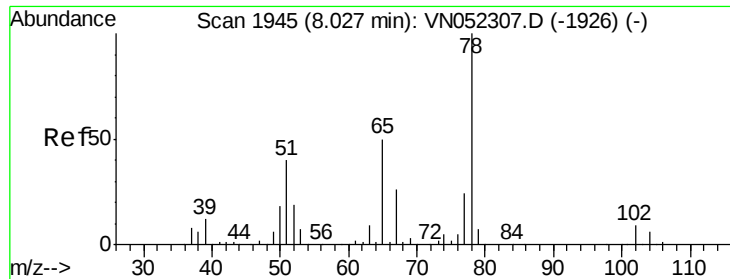
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2000

0

Time-->

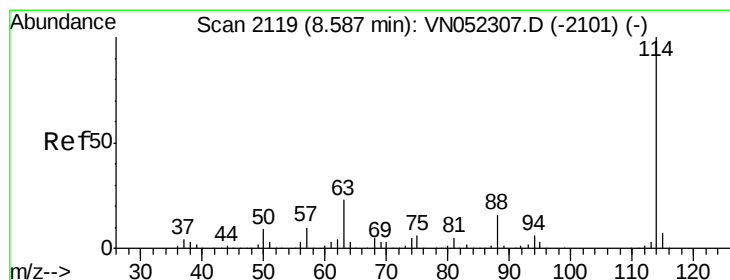
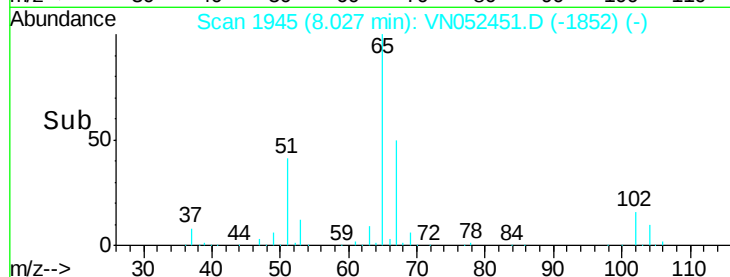
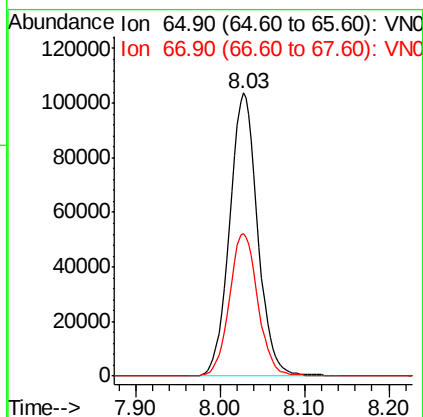
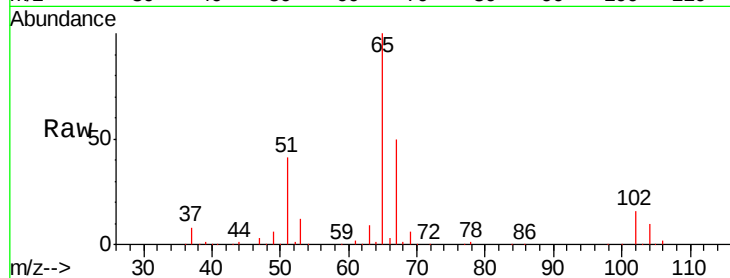




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052451.D
 Acq: 21 Nov 2018 20:57

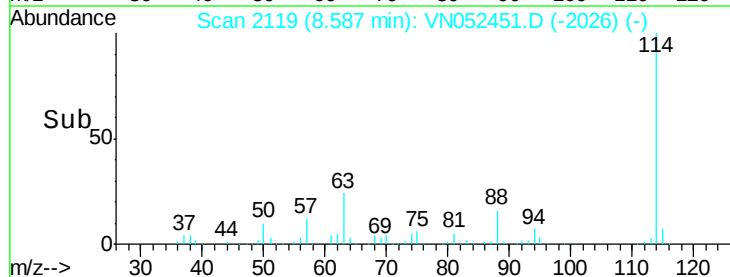
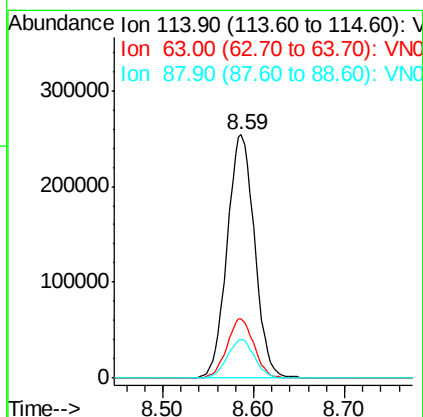
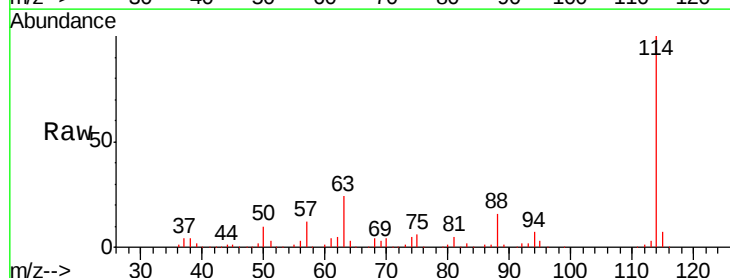
Instrument :
 MSVOA_N
 ClientSampleId :
 AOC1-06-A

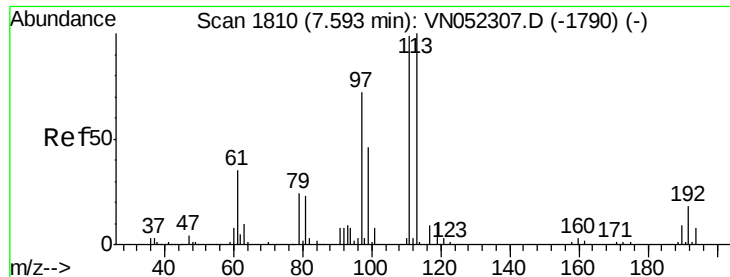
Tgt Ion: 65 Resp: 240113
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052451.D
 Acq: 21 Nov 2018 20:57

Tgt Ion: 114 Resp: 531410
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 45.4
 88 15.9 0.0 31.2

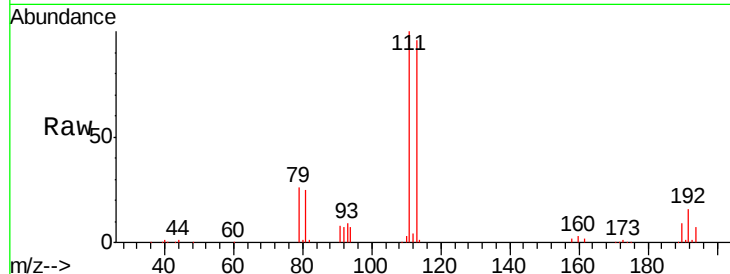




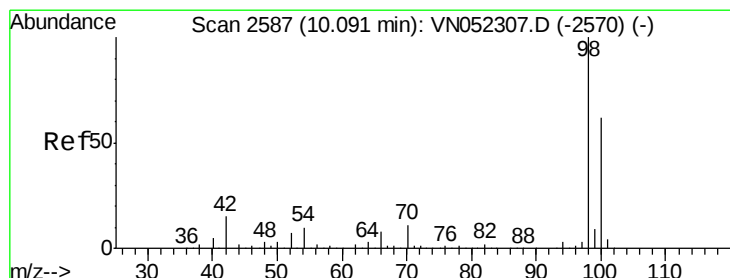
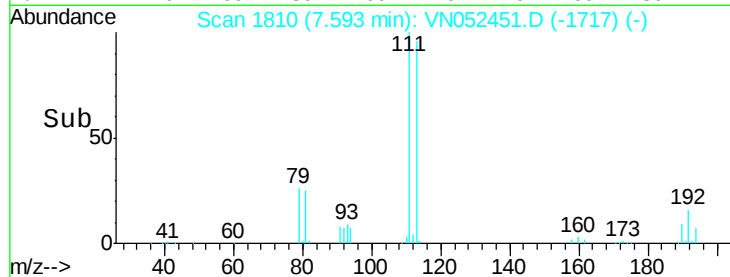
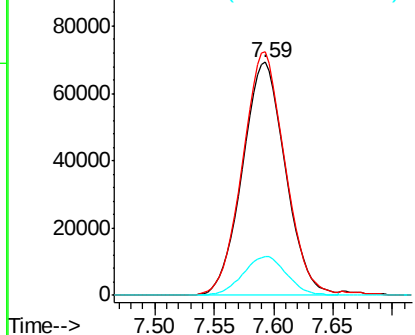
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052451.D
Acq: 21 Nov 2018 20:57

Instrument :
MSVOA_N
ClientSampleId :
AOC1-06-A

Tgt Ion: 113 Resp: 173458
Ion Ratio Lower Upper
113 100
111 103.1 81.0 121.6
192 17.0 13.8 20.6

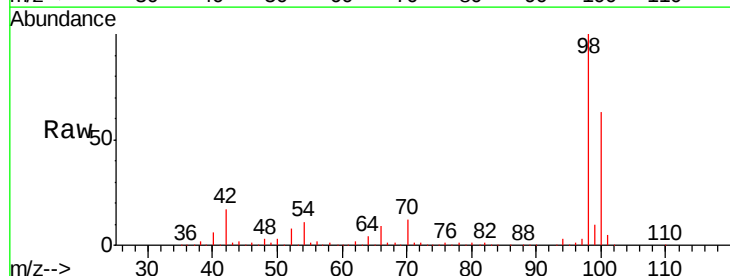


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

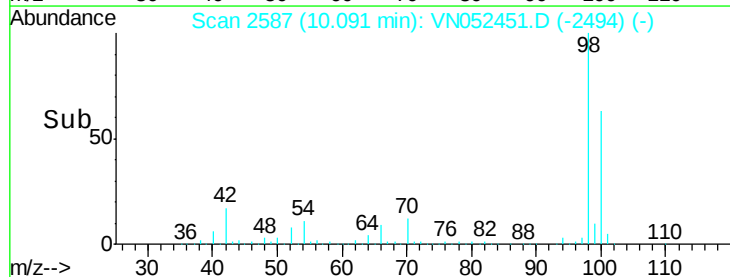
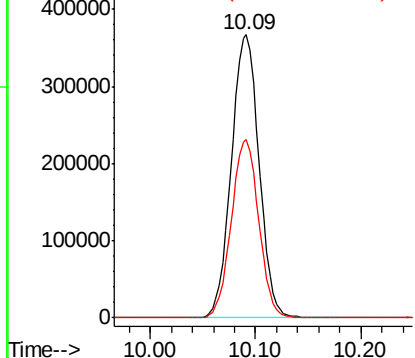


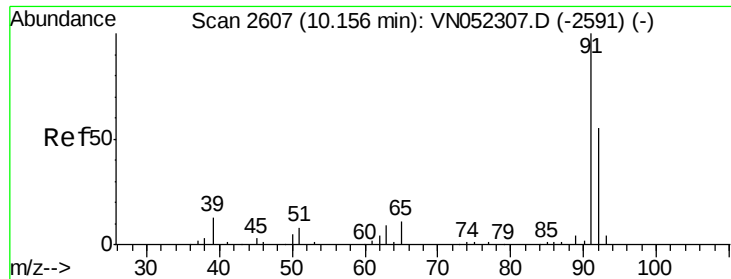
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052451.D
Acq: 21 Nov 2018 20:57

Tgt Ion: 98 Resp: 668345
Ion Ratio Lower Upper
98 100
100 62.1 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 2.15 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052451.D

Acq: 21 Nov 2018 20:57

Instrument :

MSVOA_N

ClientSampleId :

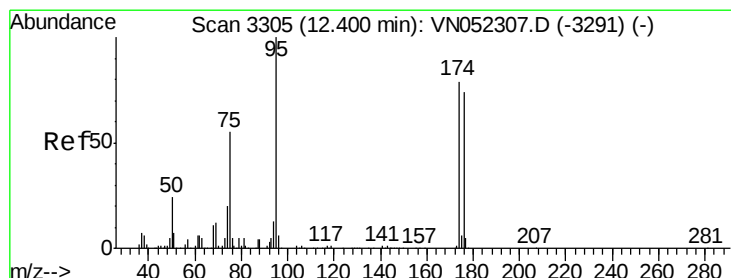
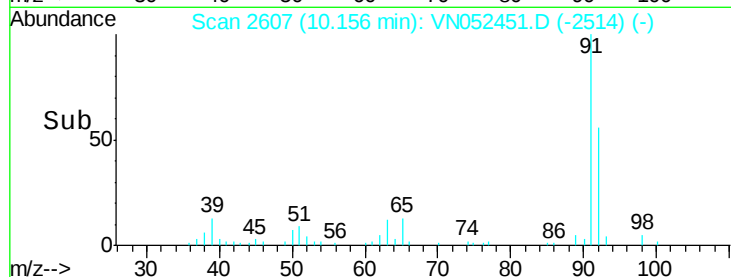
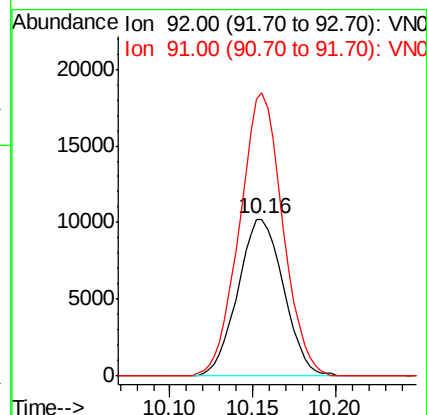
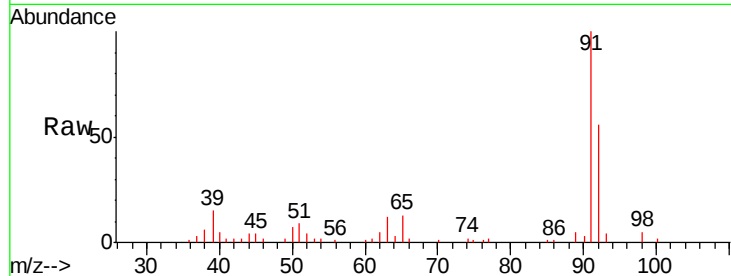
AOC1-06-A

Tgt Ion: 92 Resp: 19598

Ion Ratio Lower Upper

92 100

91 170.3 143.6 215.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052451.D

Acq: 21 Nov 2018 20:57

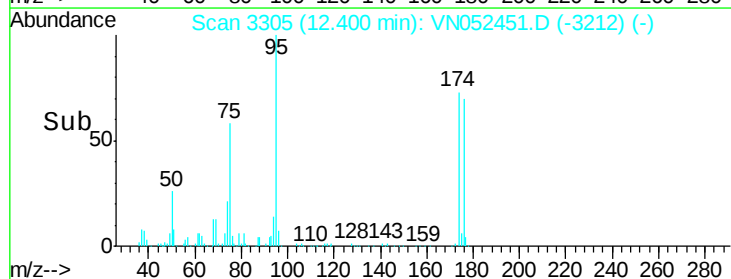
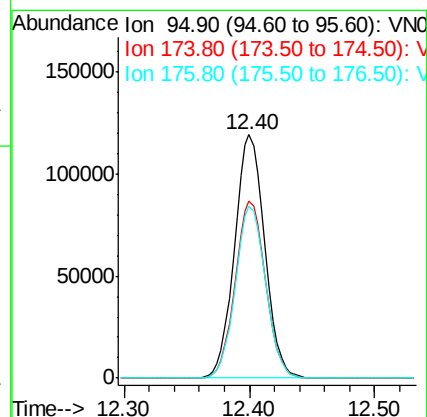
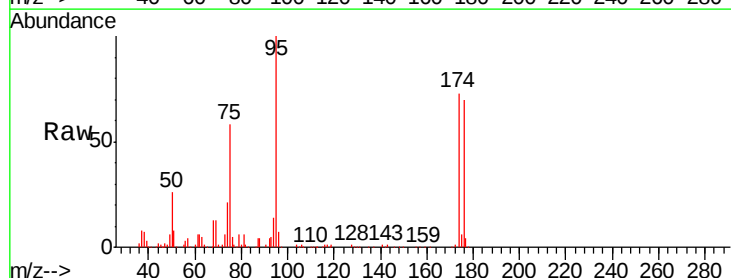
Tgt Ion: 95 Resp: 198558

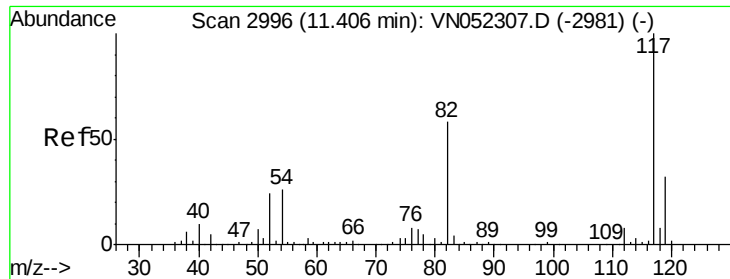
Ion Ratio Lower Upper

95 100

174 73.2 0.0 156.0

176 70.8 0.0 148.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052451.D

Acq: 21 Nov 2018 20:57

Instrument :

MSVOA_N

ClientSampleId :

AOC1-06-A

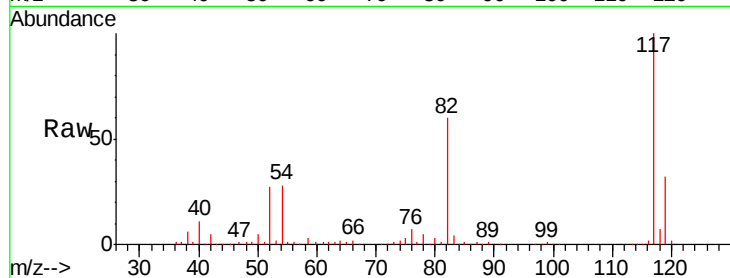
Tgt Ion:117 Resp: 445540

Ion Ratio Lower Upper

117 100

82 60.3 46.5 69.7

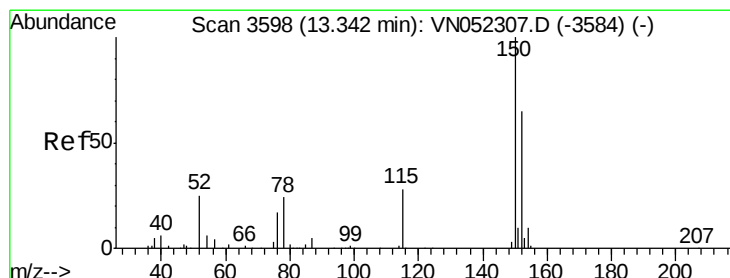
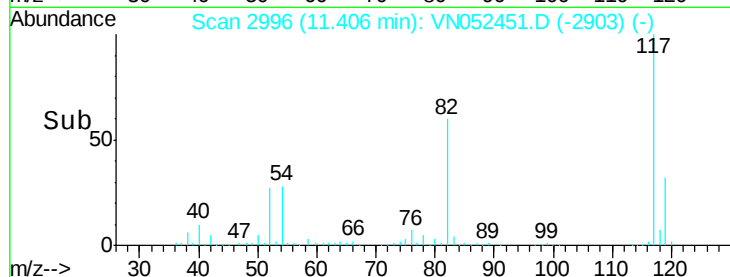
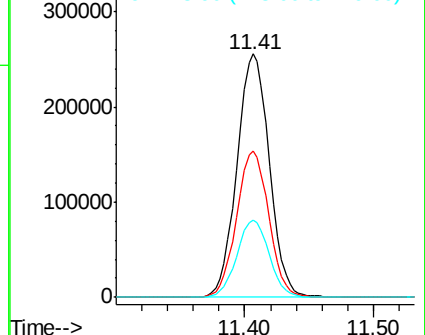
119 31.8 25.7 38.5



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: VN052451.D

Acq: 21 Nov 2018 20:57

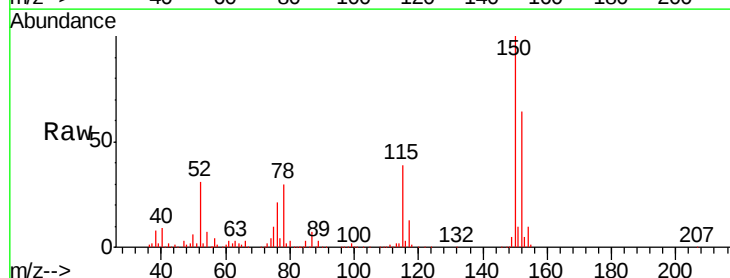
Tgt Ion:152 Resp: 151886

Ion Ratio Lower Upper

152 100

115 62.0 30.3 91.0

150 157.4 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

