

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052452.D
 Acq On : 21 Nov 2018 21:23
 Operator : MD\SY
 Sample : J6003-11 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC1-03R

Quant Time: Nov 22 01:31:02 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	311698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	526443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	443263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158123	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	240034	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
35) Dibromofluoromethane	7.59	113	174499	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
50) Toluene-d8	10.09	98	663614	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.40	95	197307	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	

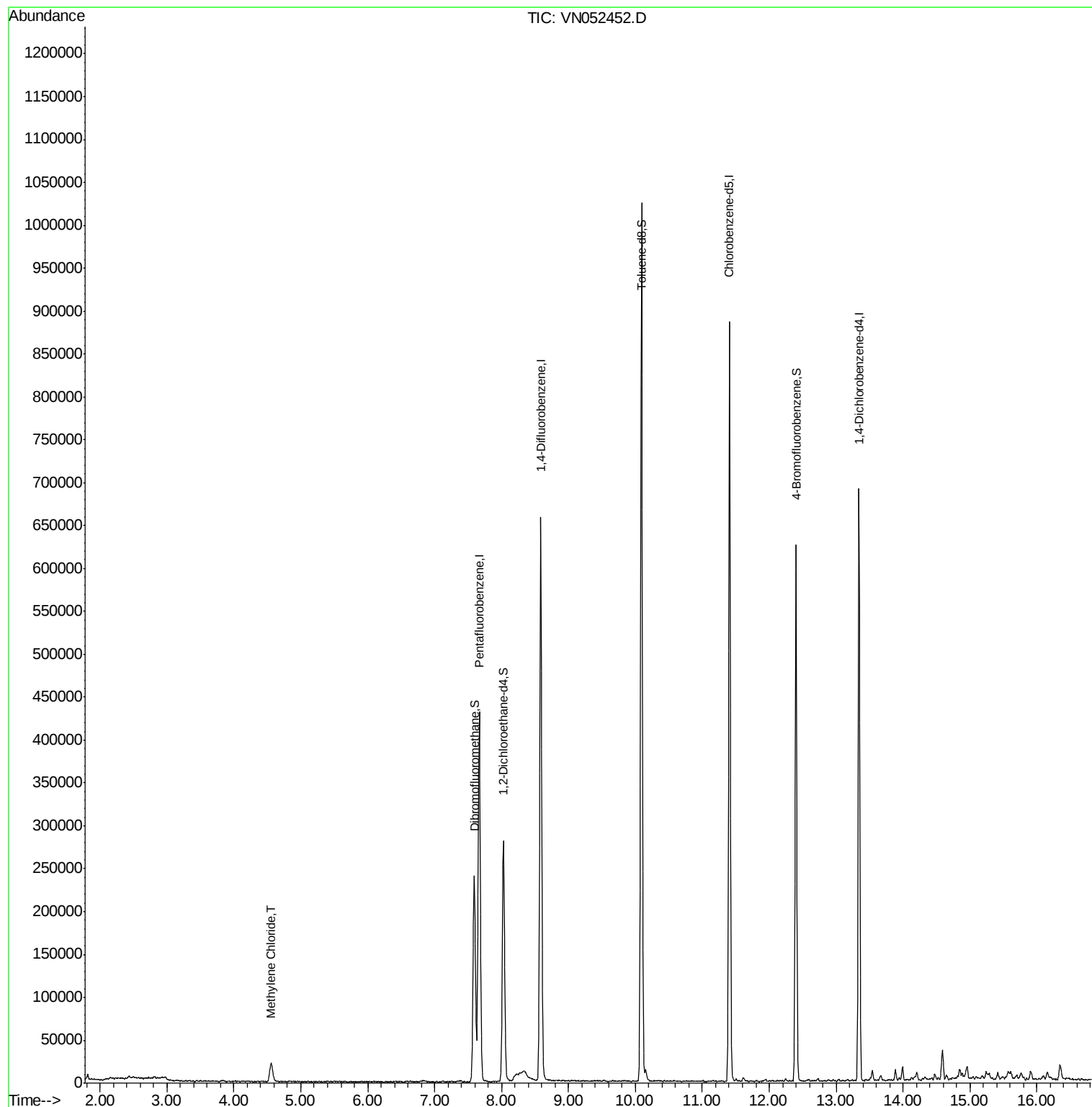
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.56	84	13426	2.98	ug/l	97

(#) = 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: VN052452.D

Acq: 21 Nov 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

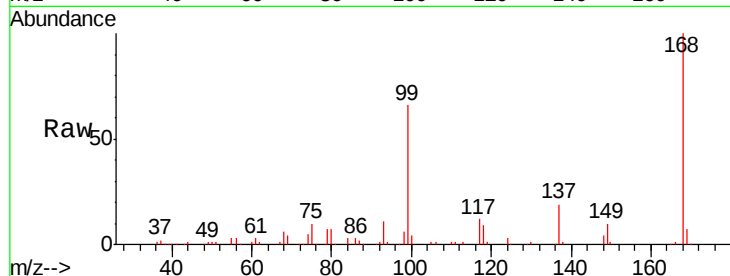
AOC1-03R

Tgt Ion:168 Resp: 311698

Ion Ratio Lower Upper

168 100

99 66.0 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

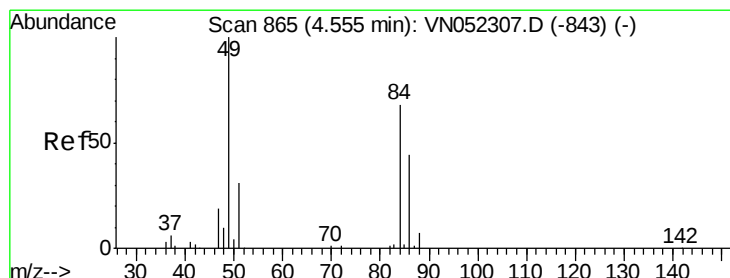
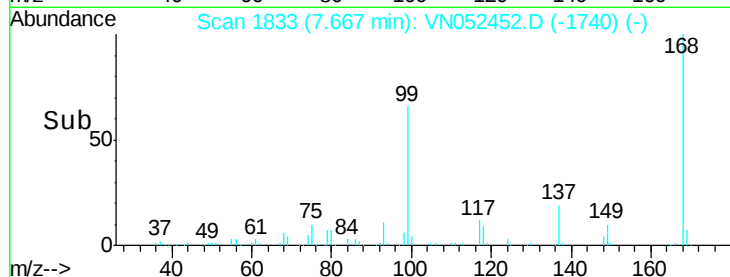
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.98 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052452.D

Acq: 21 Nov 2018 21:23

Tgt Ion: 84 Resp: 13426

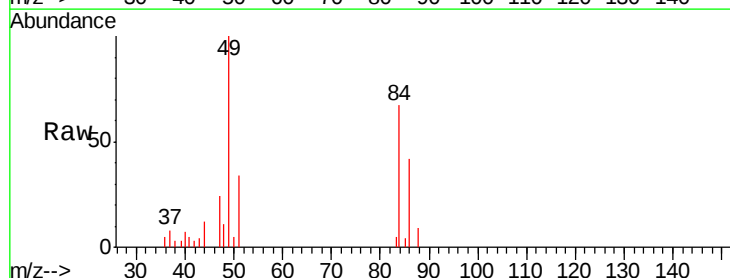
Ion Ratio Lower Upper

84 100

49 145.8 118.2 177.2

51 51.5 36.1 54.1

86 63.6 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

10000

8000

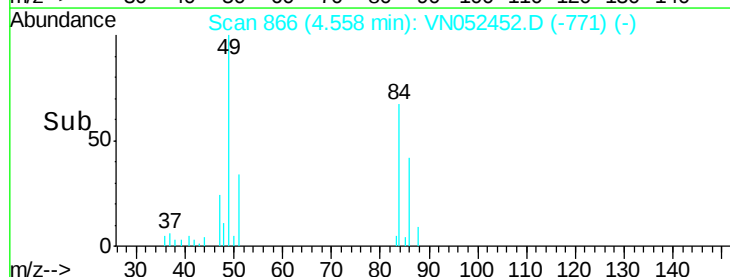
6000

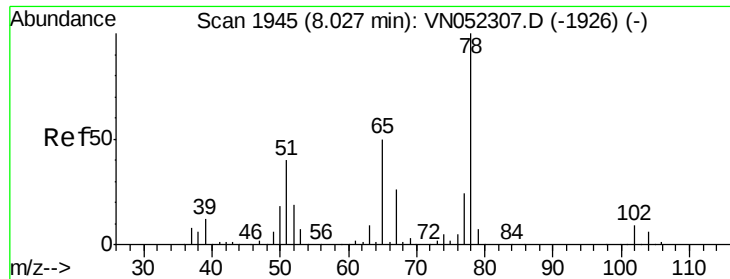
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2000

0

Time-->

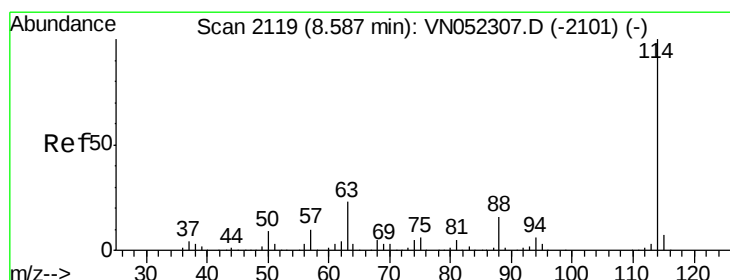
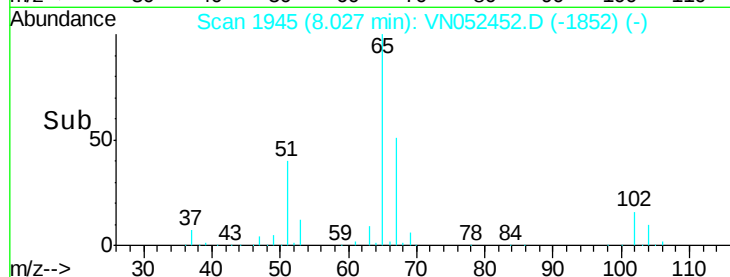
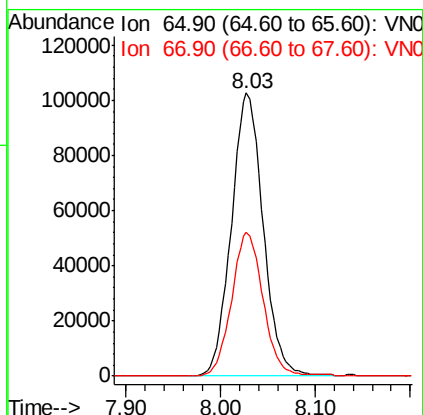
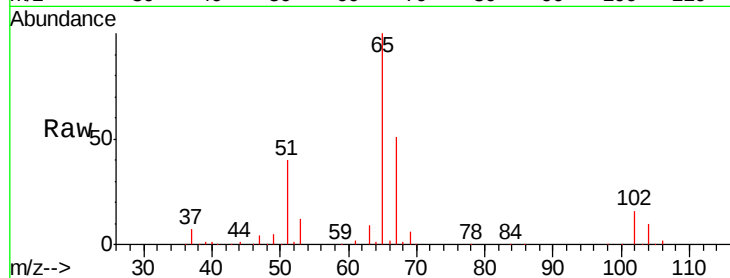




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052452.D
 Acq: 21 Nov 2018 21:23

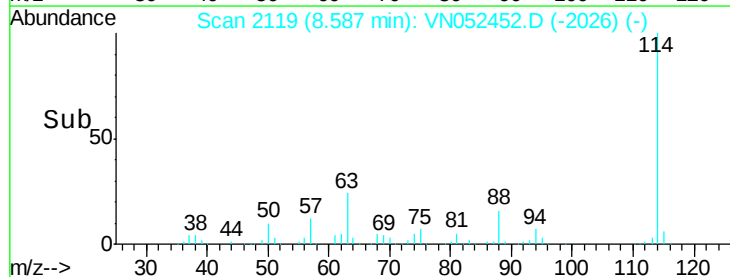
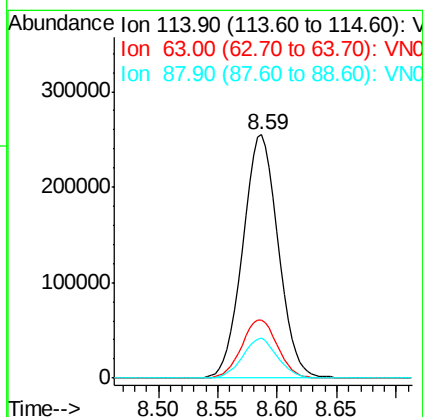
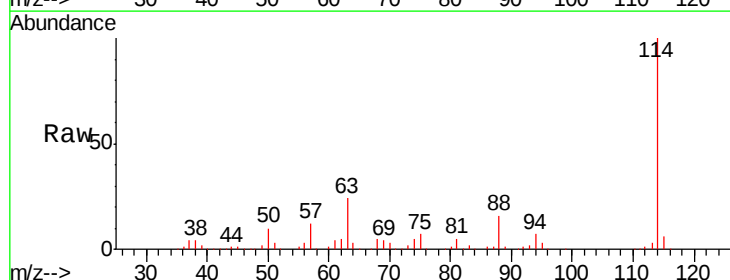
Instrument :
 MSVOA_N
 ClientSampleId :
 AOC1-03R

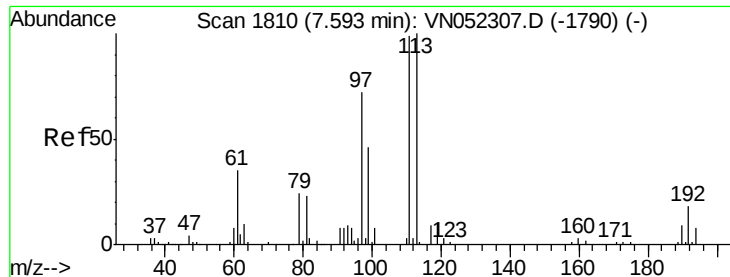
Tgt Ion: 65 Resp: 240034
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052452.D
 Acq: 21 Nov 2018 21:23

Tgt Ion: 114 Resp: 526443
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 45.4
 88 16.3 0.0 31.2

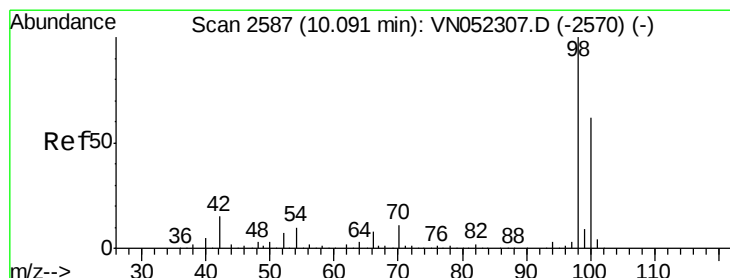
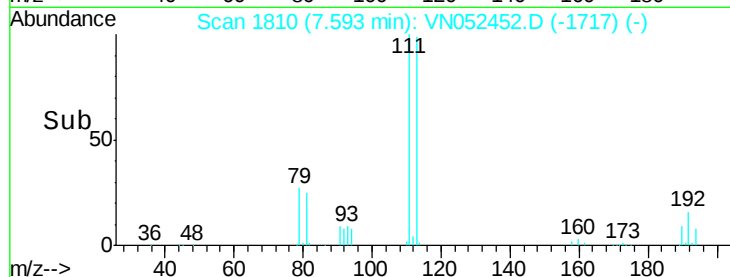
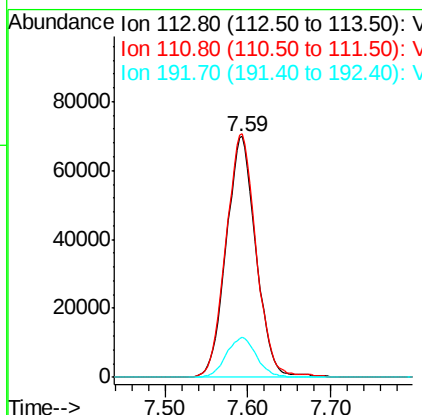
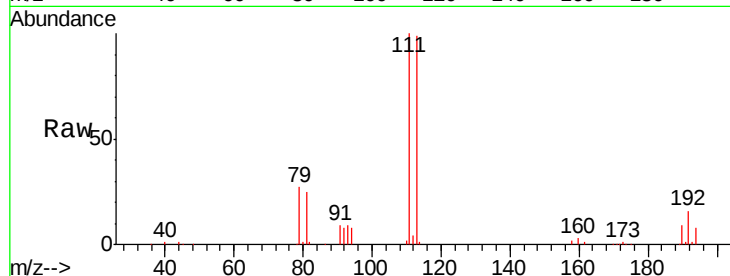




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052452.D
 Acq: 21 Nov 2018 21:23

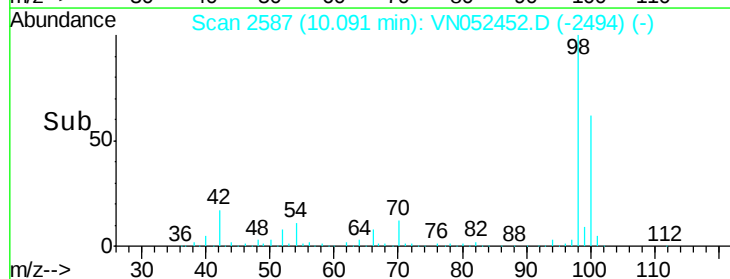
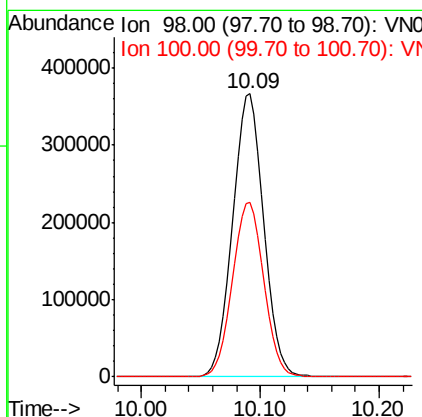
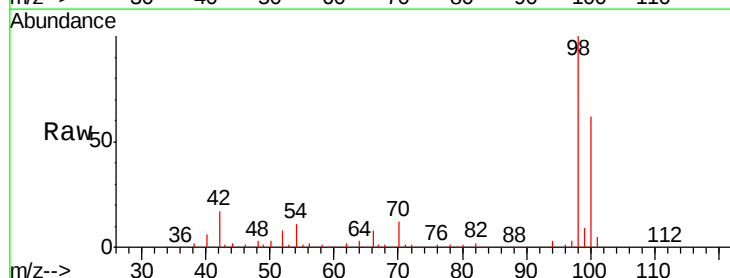
Instrument :
 MSVOA_N
 ClientSampleId :
 AOC1-03R

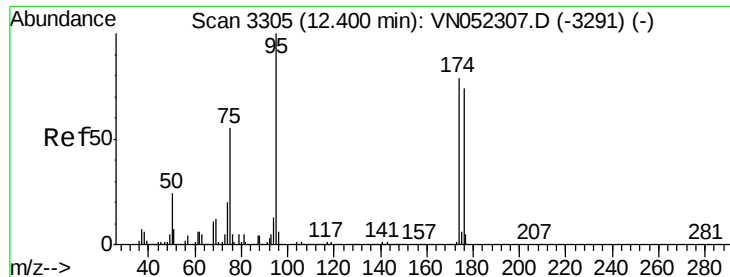
Tgt Ion: 113 Resp: 174499
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.0 121.6
 192 16.8 13.8 20.6



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN052452.D
 Acq: 21 Nov 2018 21:23

Tgt Ion: 98 Resp: 663614
 Ion Ratio Lower Upper
 98 100
 100 62.4 49.5 74.3





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052452.D

Acq: 21 Nov 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

AOC1-03R

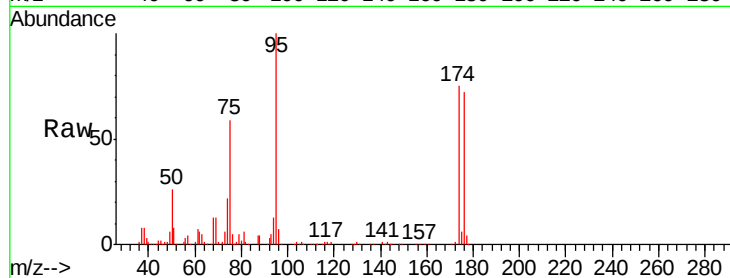
Tgt Ion: 95 Resp: 197307

Ion Ratio Lower Upper

95 100

174 74.8 0.0 156.0

176 71.1 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

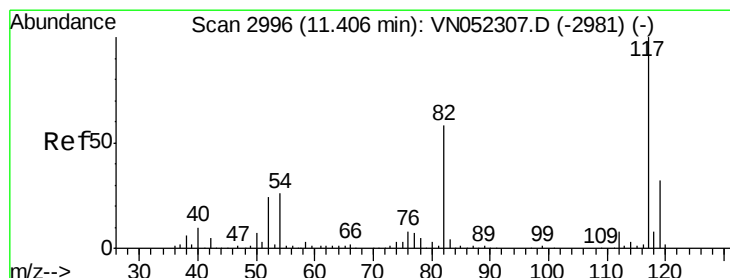
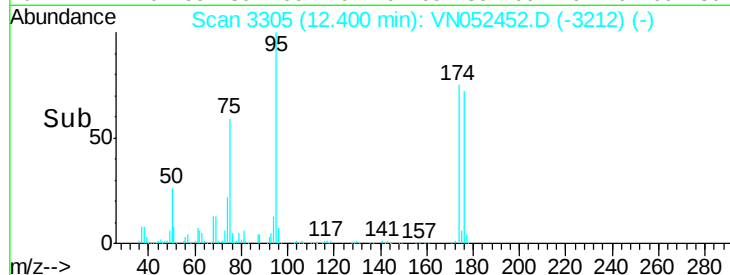
12.40

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052452.D

Acq: 21 Nov 2018 21:23

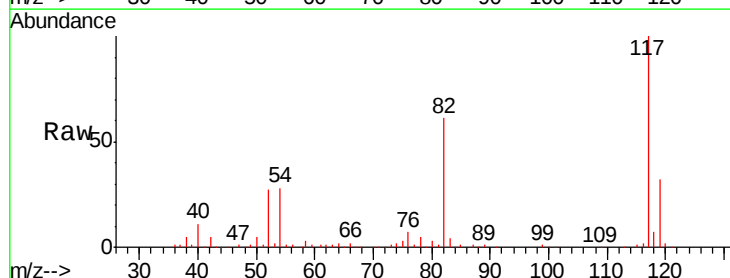
Tgt Ion: 117 Resp: 443263

Ion Ratio Lower Upper

117 100

82 61.0 46.5 69.7

119 32.4 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

11.41

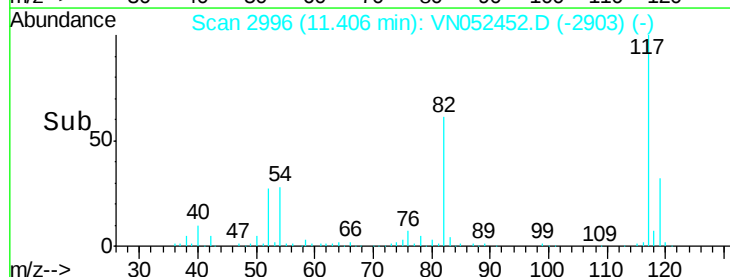
300000

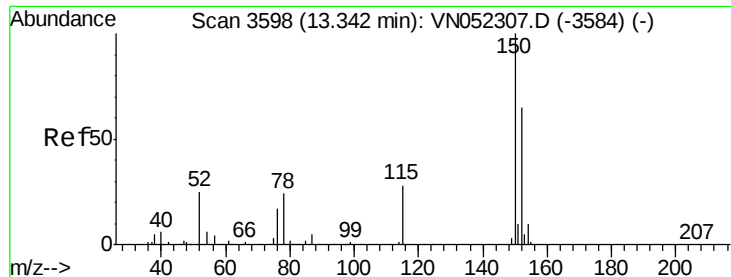
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052452.D

Acq: 21 Nov 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

AOC1-03R

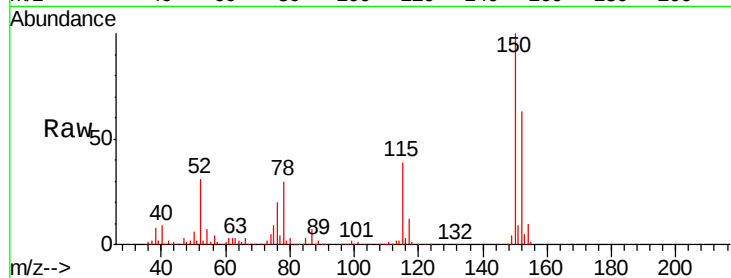
Tgt Ion:152 Resp: 158123

Ion Ratio Lower Upper

152 100

115 61.1 30.3 91.0

150 157.5 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

