

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058469.D
 Acq On : 1 Oct 2019 18:09
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Oct 02 07:29:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

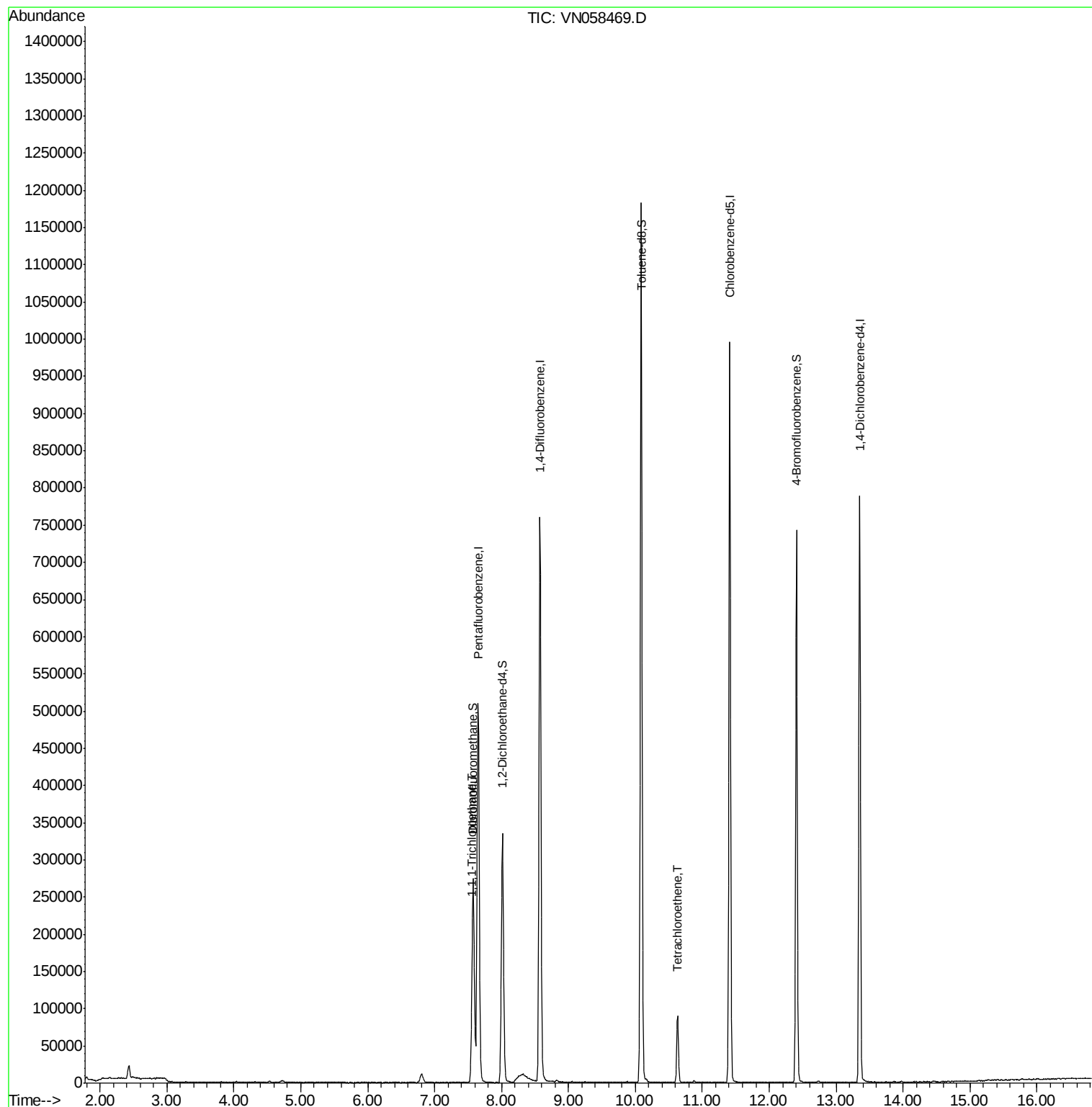
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	398431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	652018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	540534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	200294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	291491	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
35) Dibromofluoromethane	7.57	113	204792	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
50) Toluene-d8	10.09	98	799336	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.41	95	246737	43.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.18%	
Target Compounds						
32) 1,1,1-Trichloroethane	7.55	97	4852	0.704	ug/l #	42
64) Tetrachloroethene	10.63	164	19280	5.614	ug/l	97

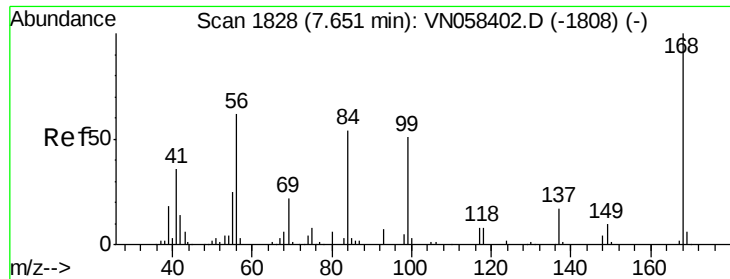
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 30 08:07:38 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058469.D

Acq: 1 Oct 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

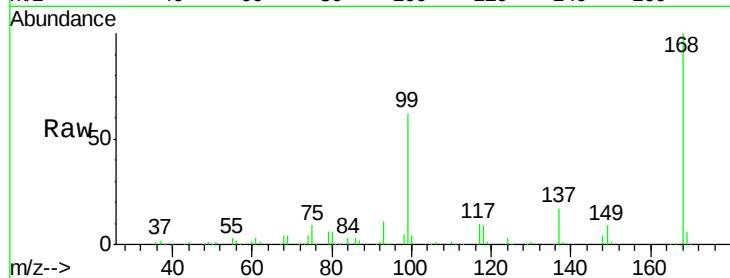
I.BLK

Tot Ion:168 Resp: 398431

Ion Ratio Lower Upper

168 100

99 62.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

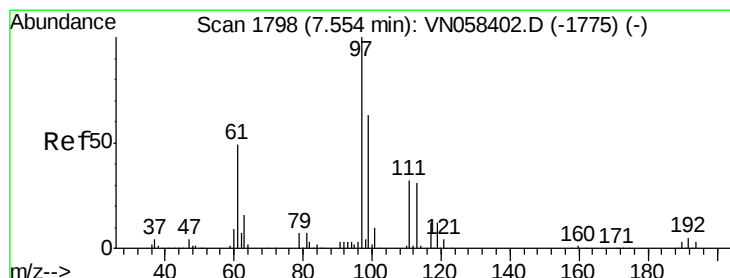
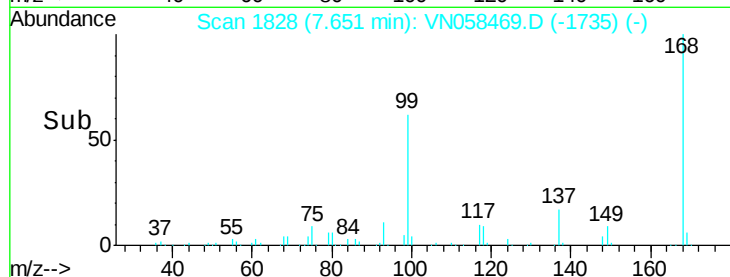
100000

50000

0

7.60 7.70 7.80

Time-->



#32

1,1,1-Trichloroethane

Concen: 0.704 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN058469.D

Acq: 1 Oct 2019 18:09

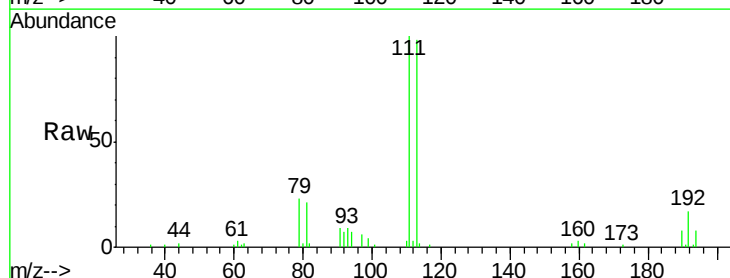
Tgt Ion: 97 Resp: 4852

Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

61 30.0 39.2 58.8#



Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

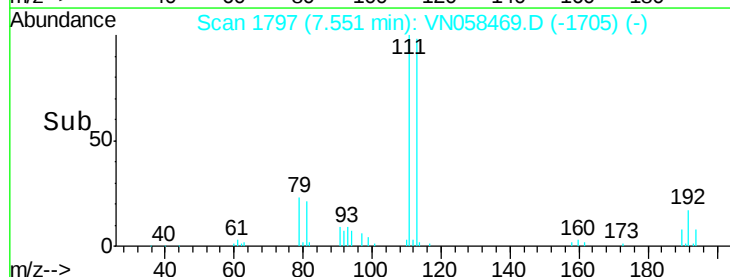
100000

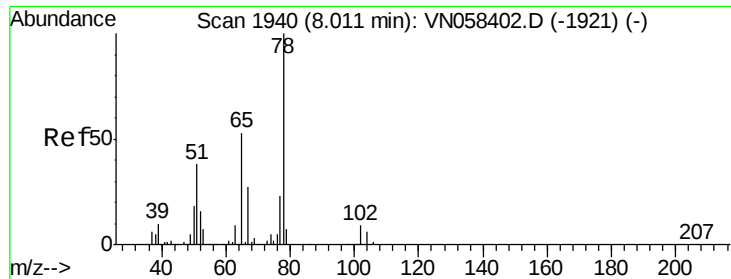
50000

0

7.50 7.55 7.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.063 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058469.D

Acq: 1 Oct 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

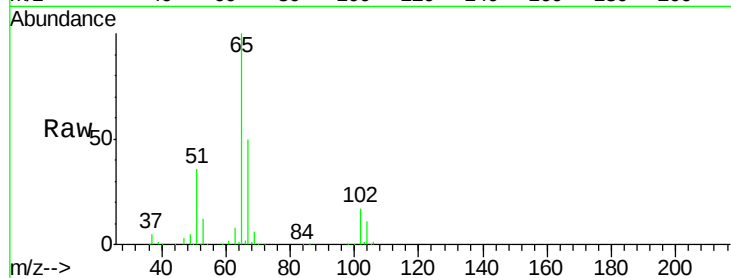
I.BLK

Tot Ion: 65 Resp: 291491

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058469.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN058469.D (-1847) (-)

8.01

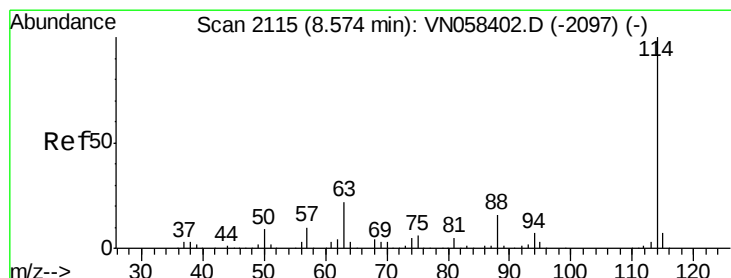
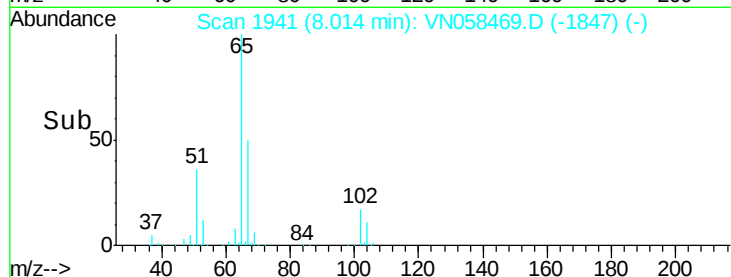
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058469.D

Acq: 1 Oct 2019 18:09

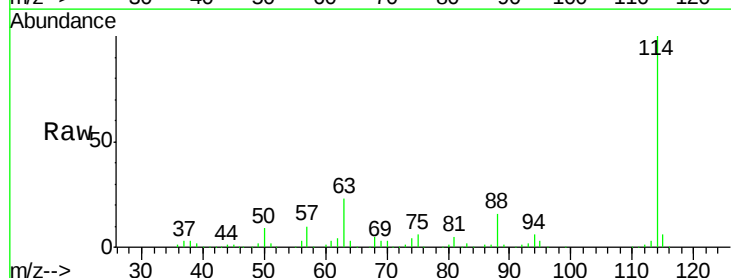
Tgt Ion: 114 Resp: 652018

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

88 16.2 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN058469.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN058469.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN058469.D (-2022) (-)

8.57

400000

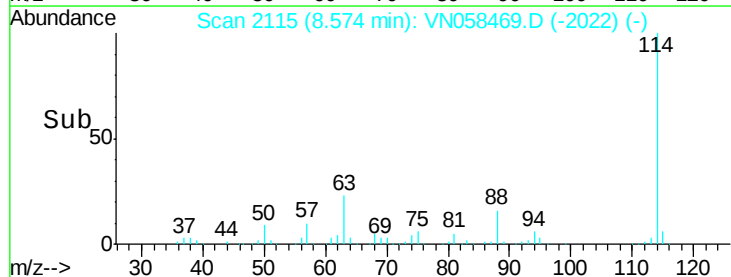
300000

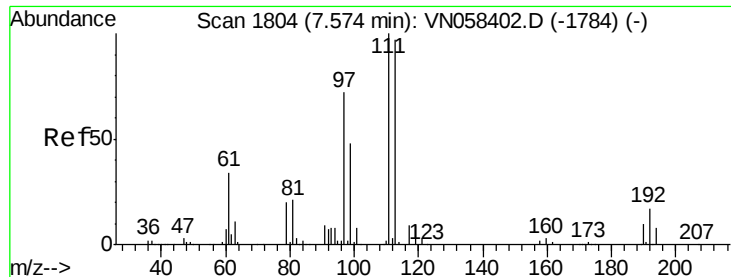
200000

100000

0

Time-->

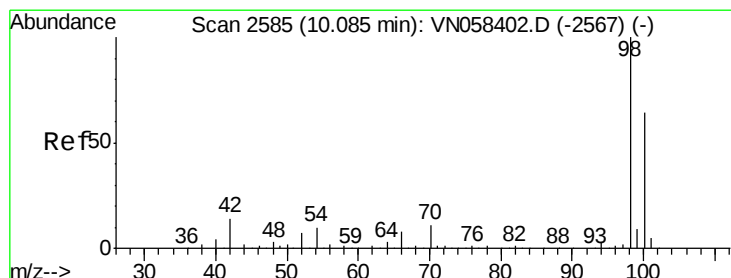
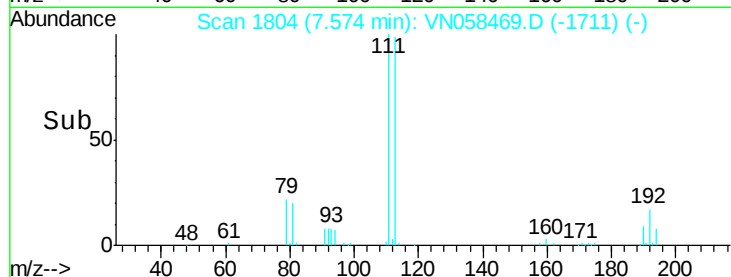
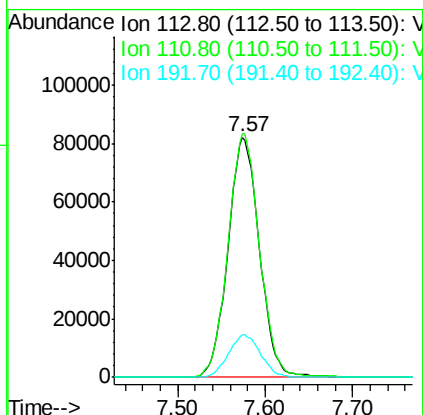
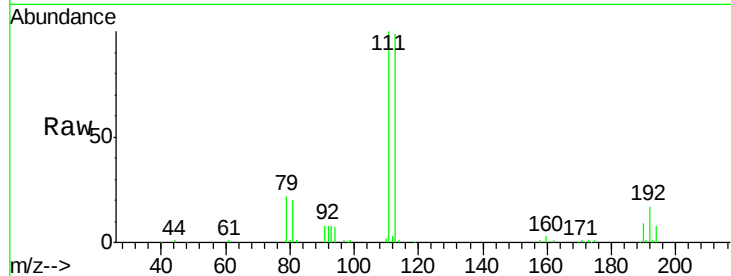




#35
 Dibromofluoromethane
 Concen: 51.247 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058469.D
 Acq: 1 Oct 2019 18:09

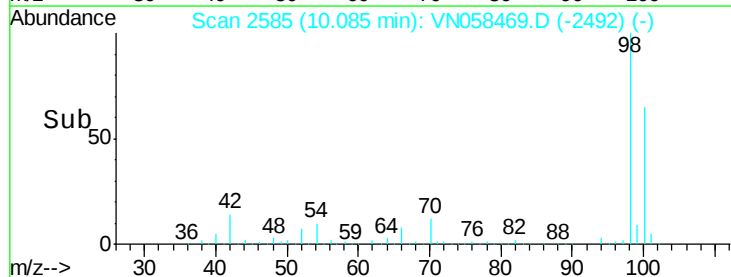
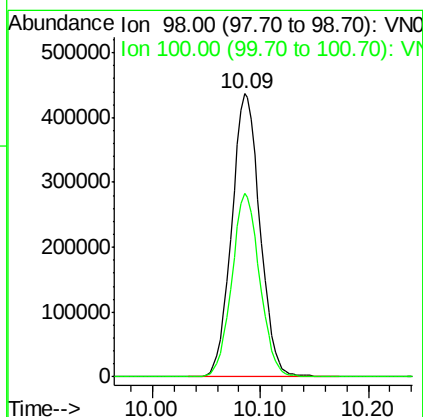
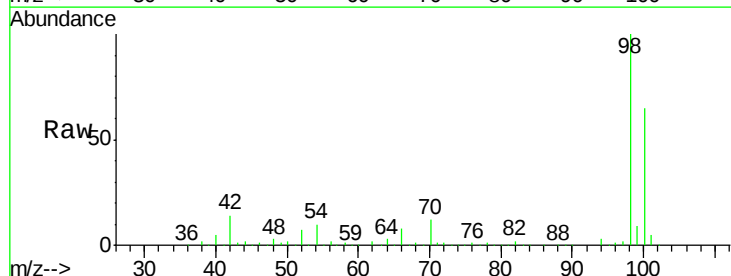
Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

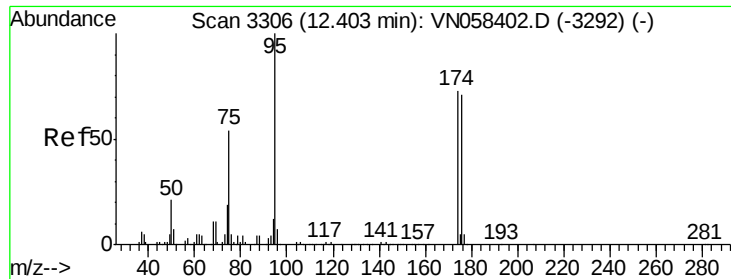
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.2
192	18.1	14.9	22.3



#50
 Toluene-d8
 Concen: 51.061 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058469.D
 Acq: 1 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.0	76.6





#62

4-Bromofluorobenzene

Concen: 43.590 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058469.D

Acq: 1 Oct 2019 18:09

Instrument :

MSVOA_N

ClientSampled :

I.BLK

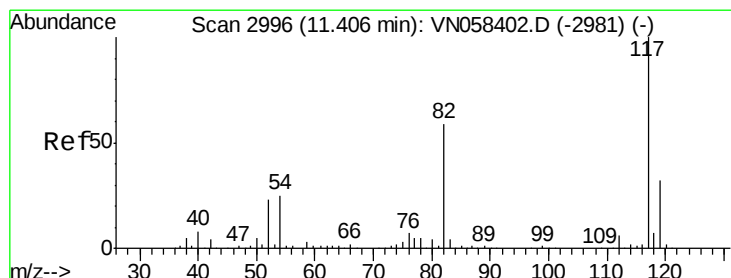
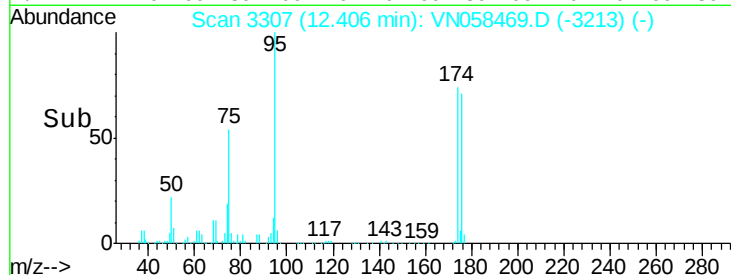
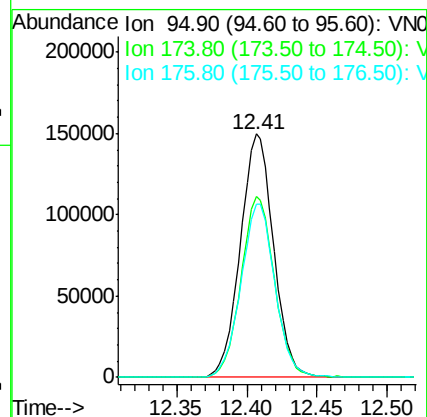
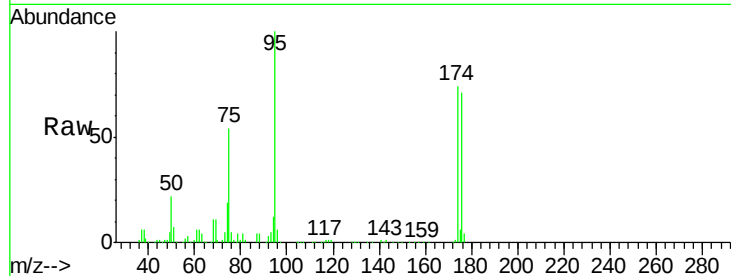
Tot Ion: 95 Resp: 246737

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.6

176 73.1 0.0 146.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058469.D

Acq: 1 Oct 2019 18:09

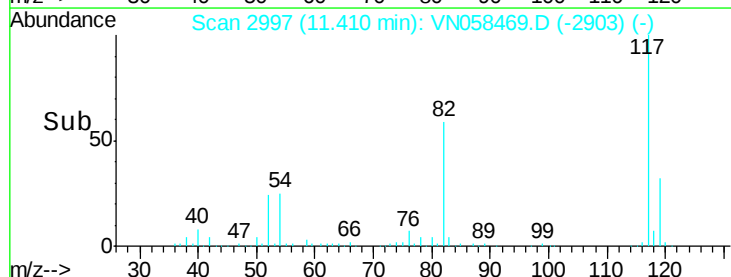
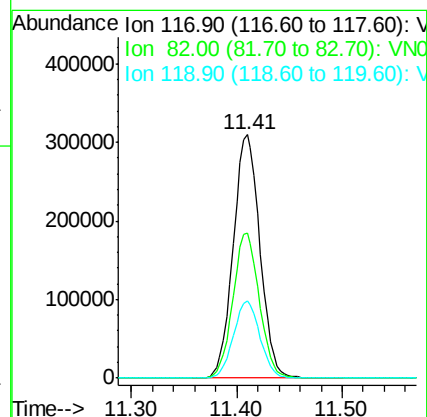
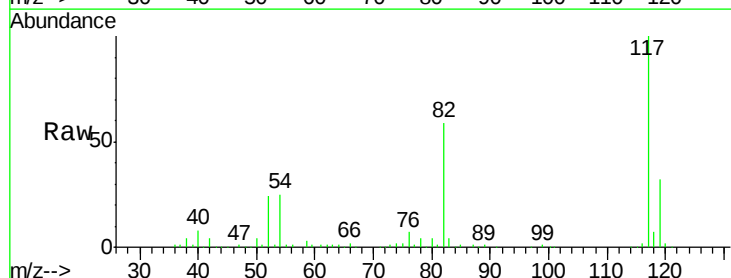
Tgt Ion: 117 Resp: 540534

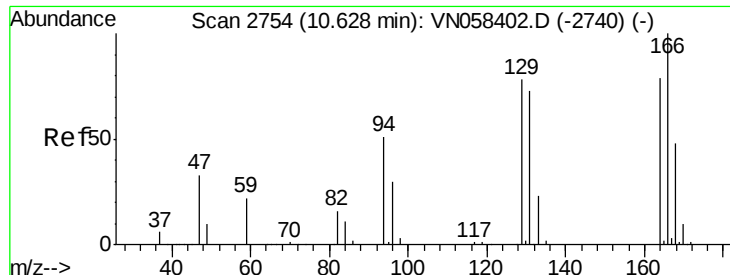
Ion Ratio Lower Upper

117 100

82 59.4 47.4 71.0

119 31.8 25.5 38.3





#64

Tetrachloroethene

Concen: 5.614 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN058469.D

Acq: 1 Oct 2019 18:09

Instrument :

MSVOA_N

ClientSampled :

I.BLK

Tot Ion:164 Resp: 19280

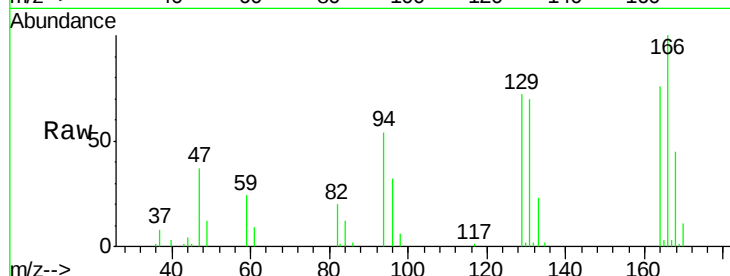
Ion Ratio Lower Upper

164 100

166 131.7 101.1 151.7

129 95.0 79.2 118.8

131 92.8 74.1 111.1

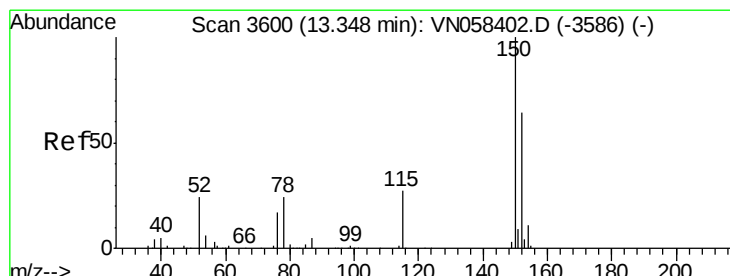
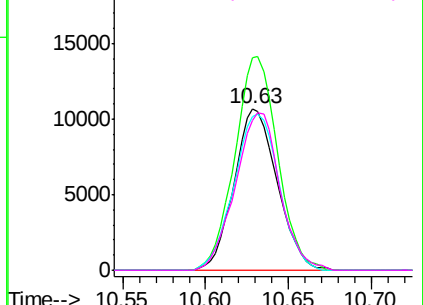
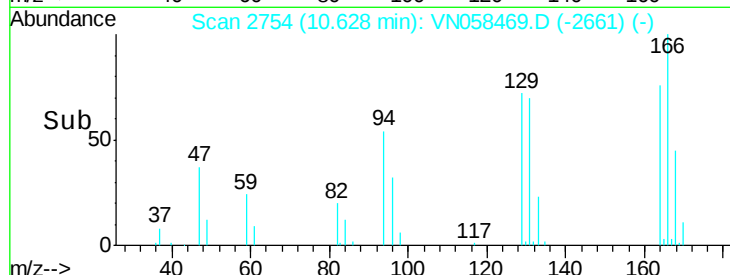


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058469.D

Acq: 1 Oct 2019 18:09

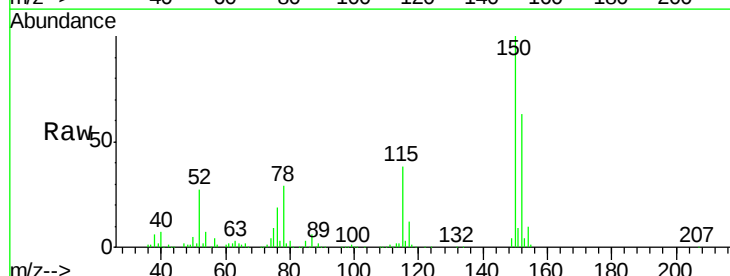
Tgt Ion:152 Resp: 200294

Ion Ratio Lower Upper

152 100

115 61.2 30.0 90.0

150 159.6 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

