

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080919\
 Data File : VN057153.D
 Acq On : 9 Aug 2019 17:58
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Aug 10 08:05:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

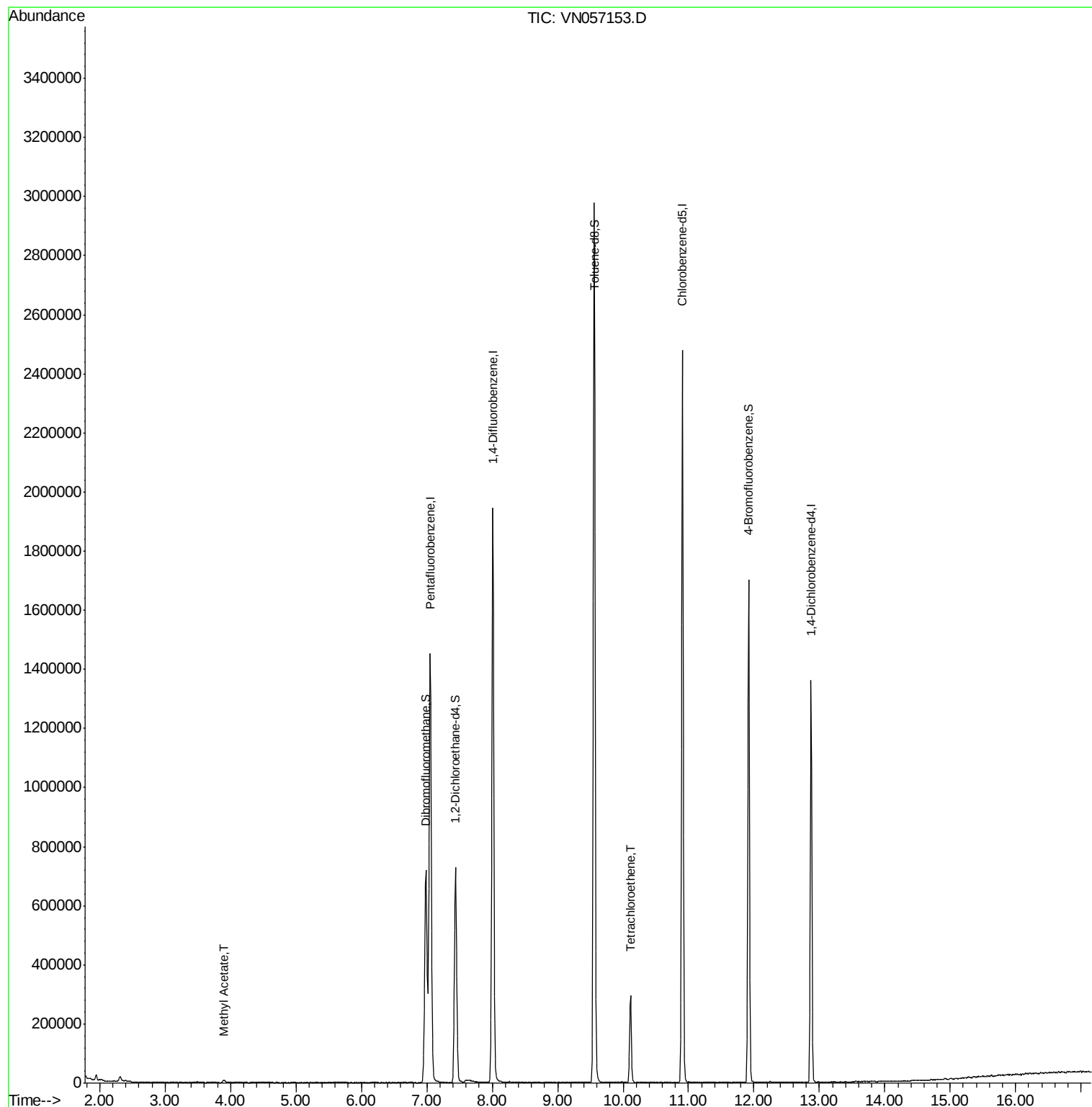
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1388076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1944747	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1592022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	407907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	648097	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
35) Dibromofluoromethane	6.99	113	590226	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	9.56	98	2251975	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.92	95	597329	39.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.42%	
Target Compounds						
18) Methyl Acetate	3.90	43	15116	0.527	ug/l #	80
64) Tetrachloroethene	10.11	164	80198	6.057	ug/l	96

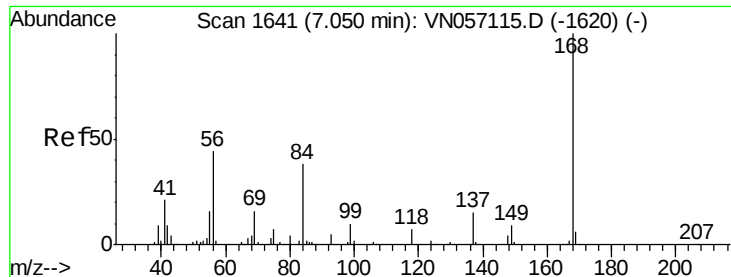
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057153.D

Acq: 9 Aug 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

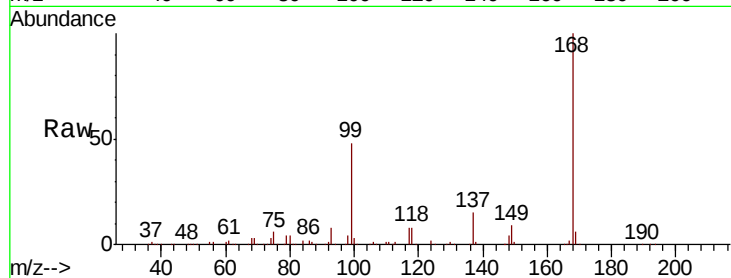
I.BLK

Tot Ion:168 Resp: 1388076

Ion Ratio Lower Upper

168 100

99 48.2 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

600000

500000

400000

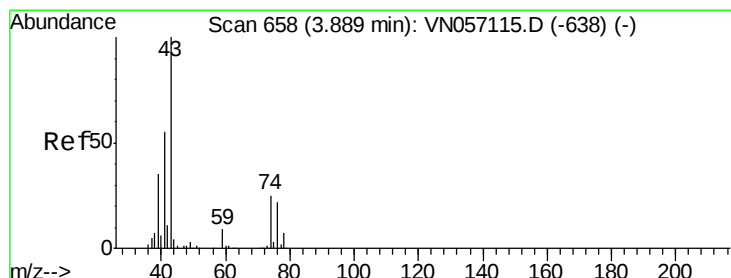
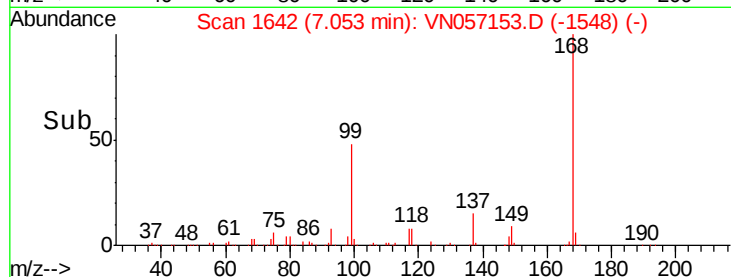
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#18

Methyl Acetate

Concen: 0.527 ug/l

RT: 3.90 min Scan# 660

Delta R.T. 0.01 min

Lab File: VN057153.D

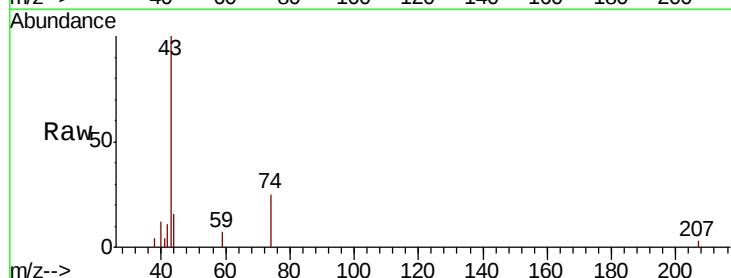
Acq: 9 Aug 2019 17:58

Tgt Ion: 43 Resp: 15116

Ion Ratio Lower Upper

43 100

74 15.3 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

3.90

6000

5000

4000

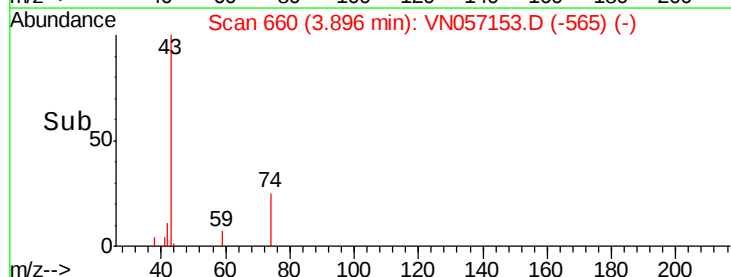
3000

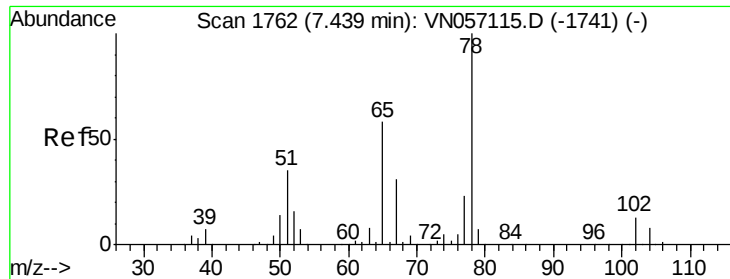
2000

1000

0

Time--> 3.80 3.85 3.90 3.95

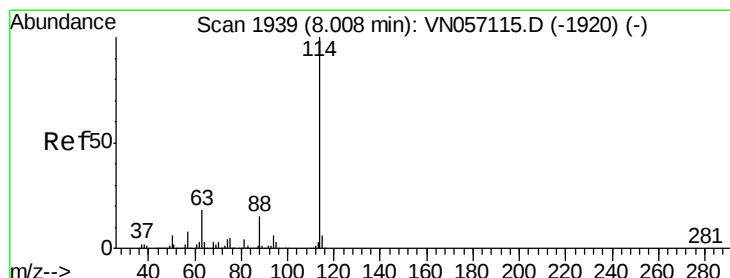
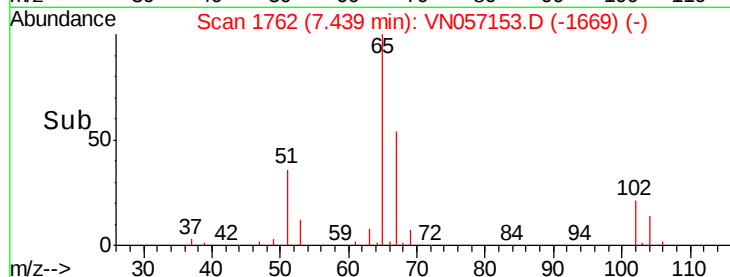
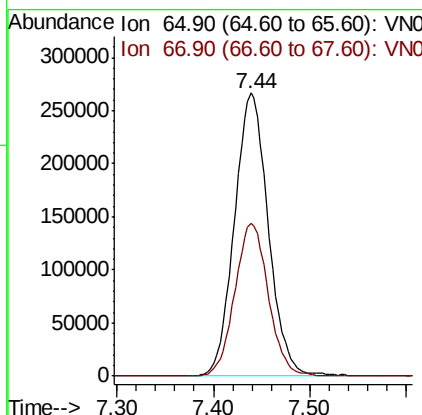
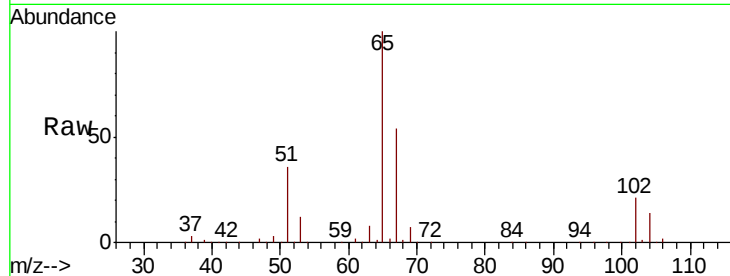




#33
 1,2-Dichloroethane-d4
 Concen: 45.400 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VN057153.D
 Acq: 9 Aug 2019 17:58

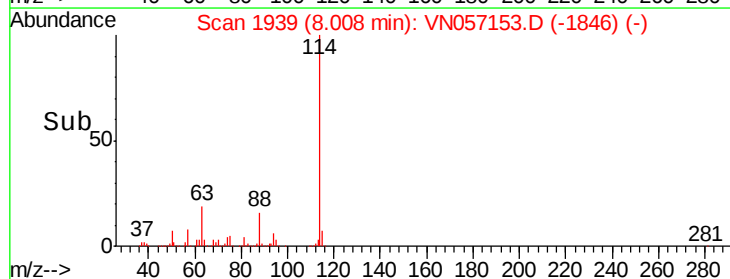
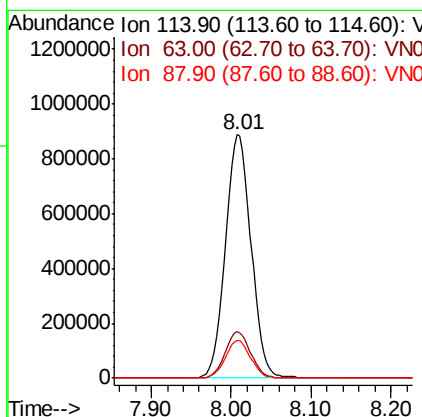
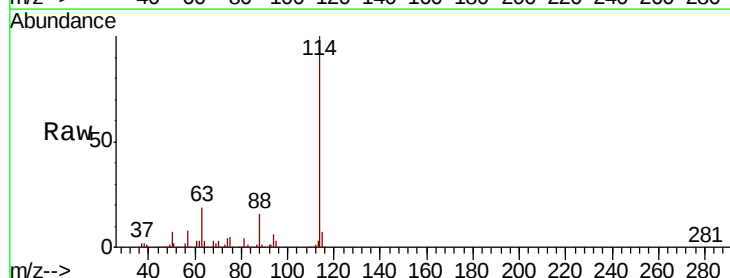
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

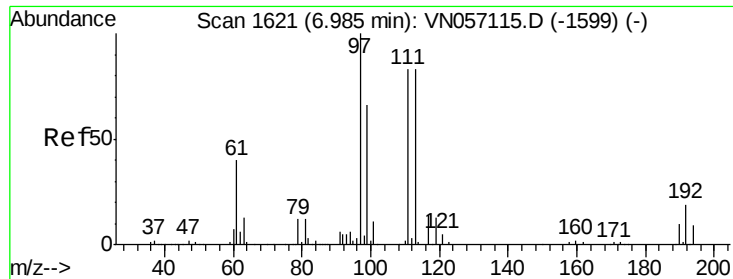
Tot Ion: 65 Resp: 648097
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN057153.D
 Acq: 9 Aug 2019 17:58

Tgt Ion: 114 Resp: 1944747
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.2
 88 15.6 0.0 30.0

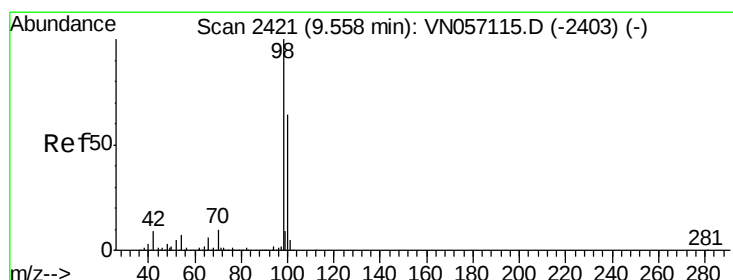
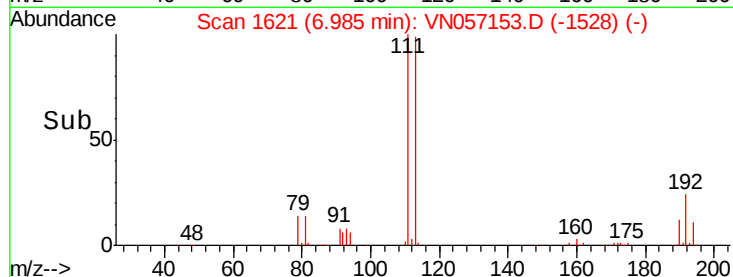
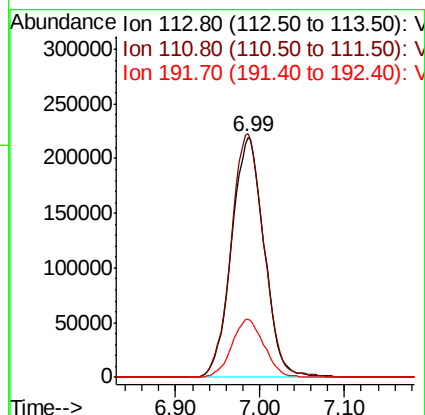
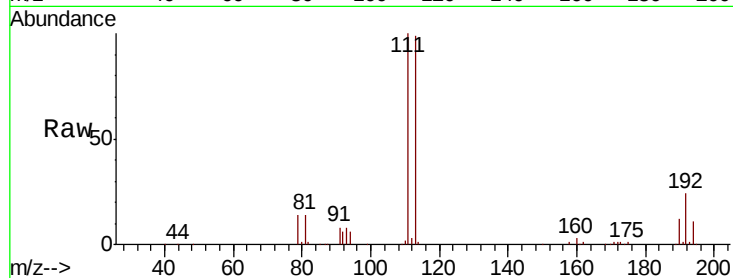




#35
 Dibromofluoromethane
 Concen: 48.365 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VN057153.D
 Acq: 9 Aug 2019 17:58

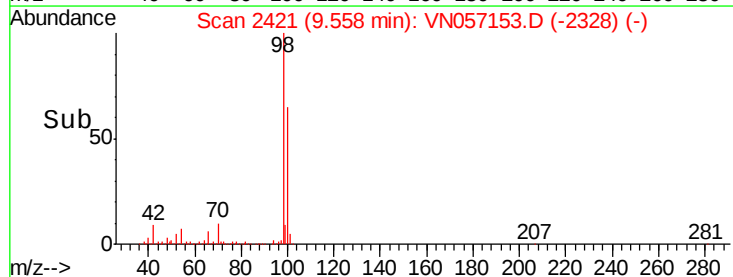
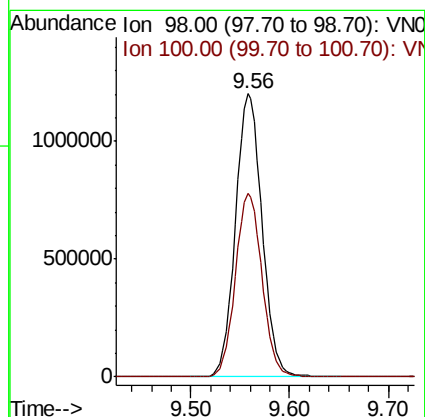
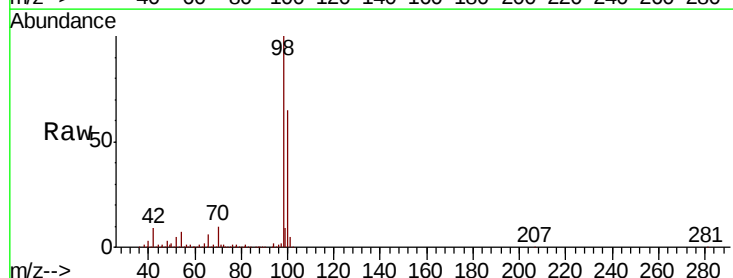
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

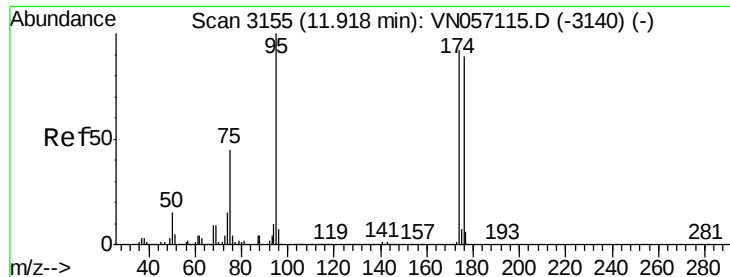
Tot Ion:113 Resp: 590226
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.3 121.9
 192 24.0 19.0 28.4



#50
 Toluene-d8
 Concen: 48.234 ug/l
 RT: 9.56 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: VN057153.D
 Acq: 9 Aug 2019 17:58

Tgt Ion: 98 Resp: 2251975
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 39.707 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057153.D

Acq: 9 Aug 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

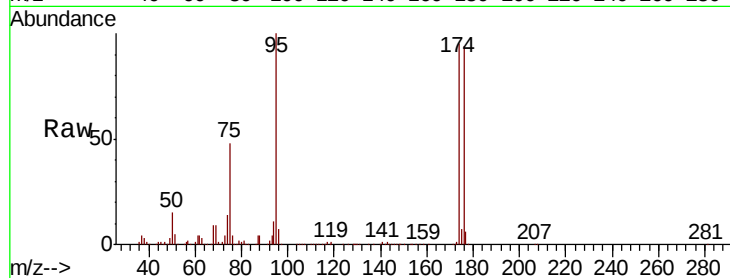
Tot Ion: 95 Resp: 597329

Ion Ratio Lower Upper

95 100

174 94.5 0.0 185.0

176 92.3 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VN057115.D (-3140) (-)

Ion 173.80 (173.50 to 174.50): VN057115.D (-3140) (-)

Ion 175.80 (175.50 to 176.50): VN057115.D (-3140) (-)

11.92

400000

300000

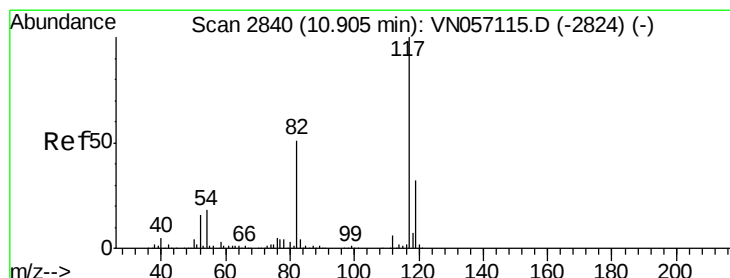
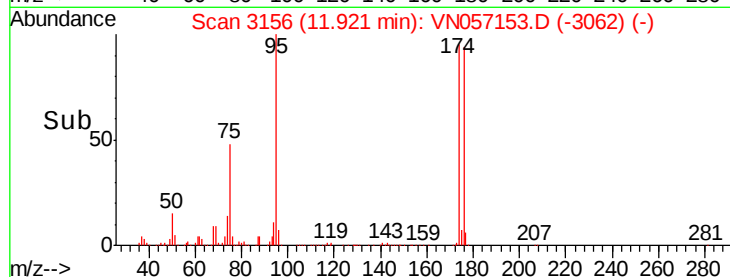
200000

100000

0

11.90 12.00

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057153.D

Acq: 9 Aug 2019 17:58

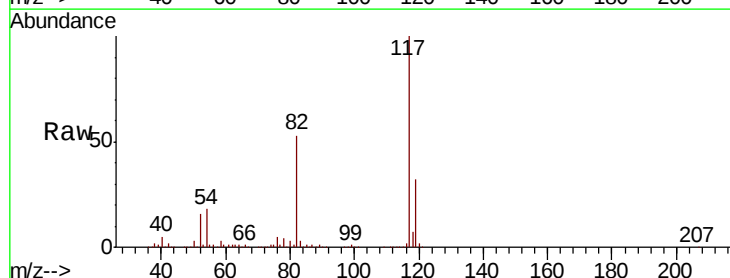
Tgt Ion: 117 Resp: 1592022

Ion Ratio Lower Upper

117 100

82 52.9 40.8 61.2

119 32.3 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

Ion 82.00 (81.70 to 82.70): VN057115.D (-2824) (-)

Ion 118.90 (118.60 to 119.60): VN057115.D (-2824) (-)

10.91

1200000

1000000

800000

600000

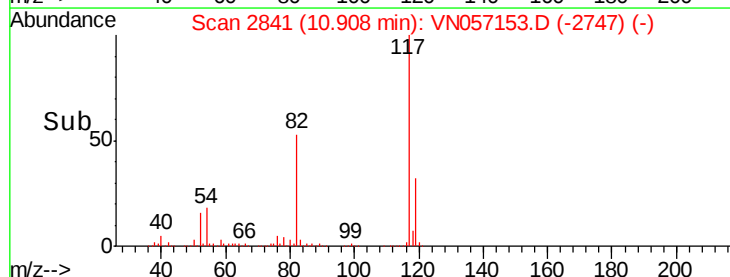
400000

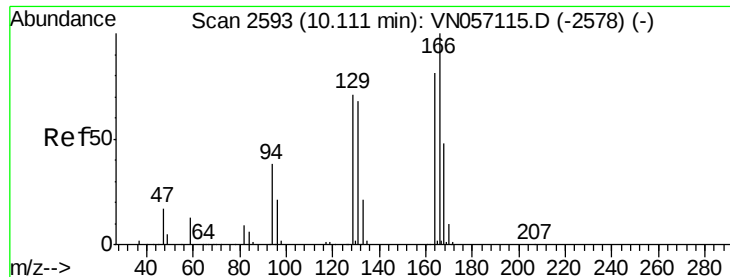
200000

0

10.80 10.90 11.00

Time-->





#64

Tetrachloroethene

Concen: 6.057 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. 0.00 min

Lab File: VN057153.D

Acq: 9 Aug 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

Tot Ion:164 Resp: 80198

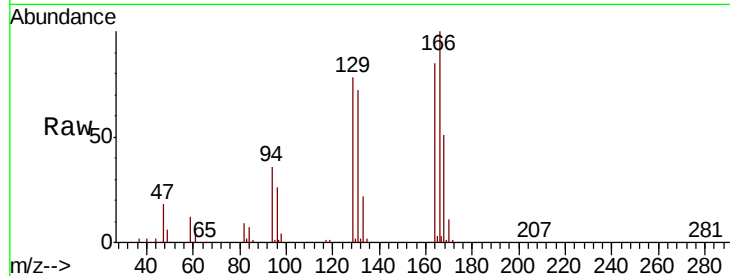
Ion Ratio Lower Upper

164 100

166 118.0 98.3 147.5

129 91.8 69.8 104.6

131 85.3 66.8 100.2

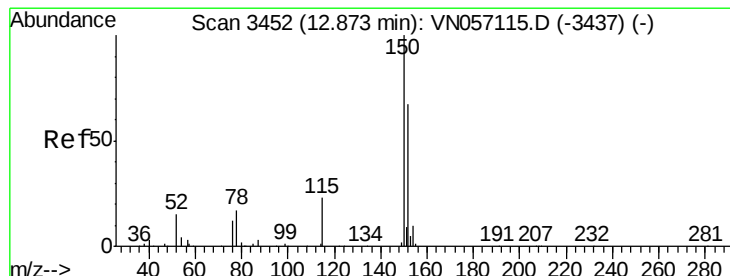
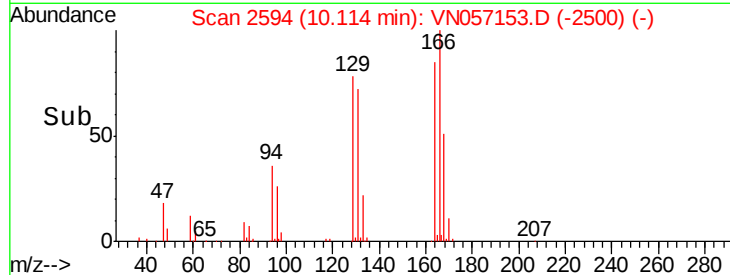
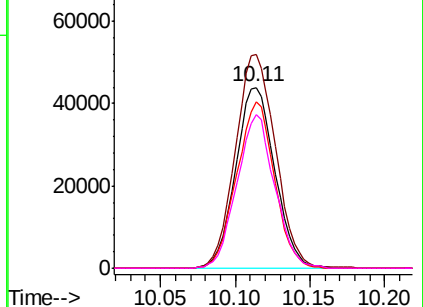


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057153.D

Acq: 9 Aug 2019 17:58

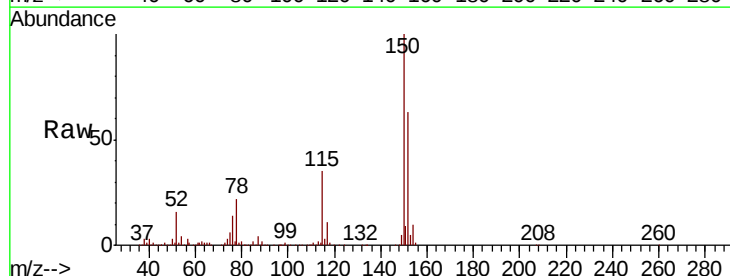
Tgt Ion:152 Resp: 407907

Ion Ratio Lower Upper

152 100

115 55.1 27.5 82.5

150 158.1 0.0 341.6



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

