

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080919\
 Data File : VN057151.D
 Acq On : 9 Aug 2019 17:09
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Aug 10 08:01:30 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

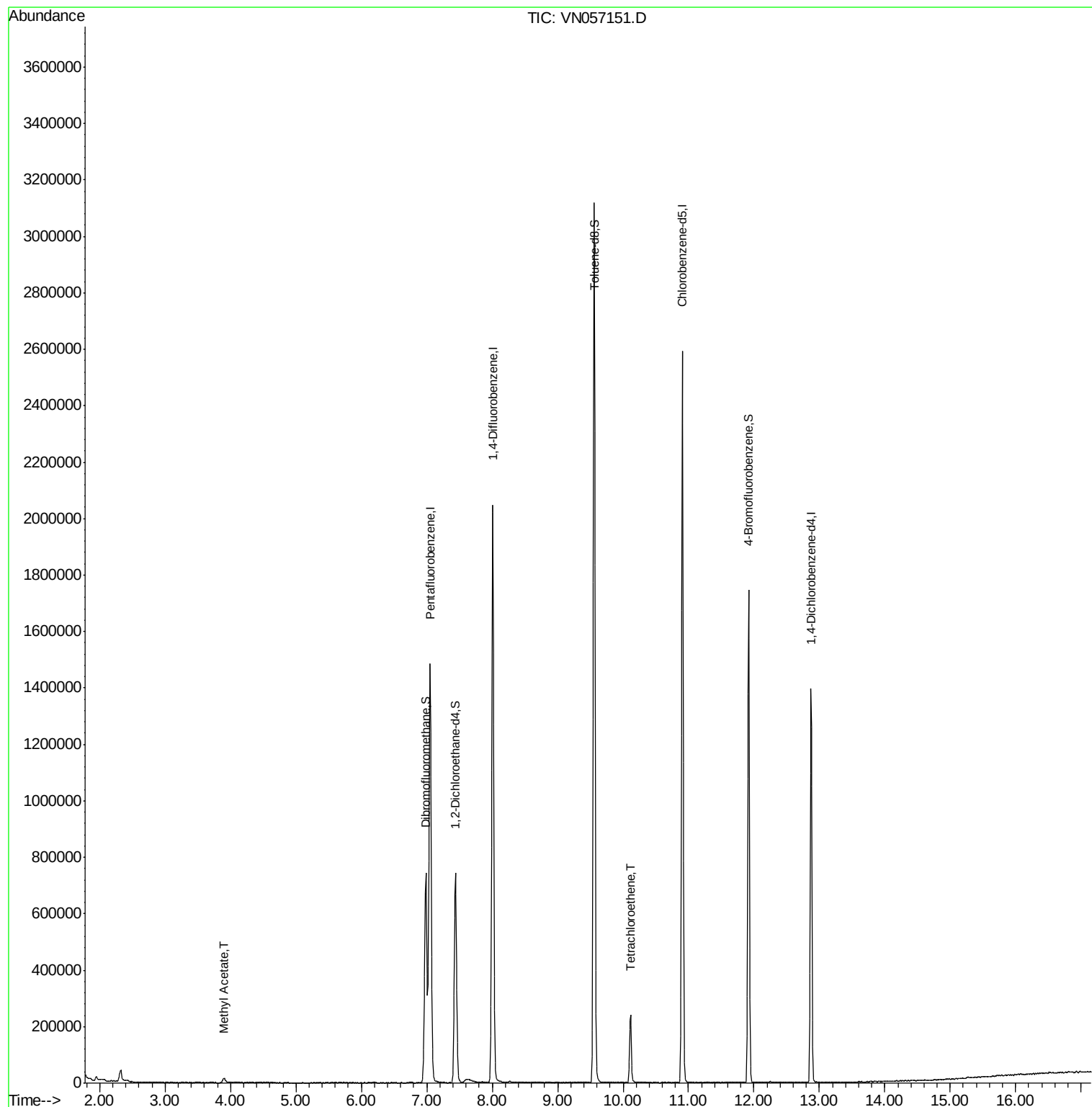
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1428251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	2003546	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1638889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	410309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	668259	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
35) Dibromofluoromethane	6.98	113	603232	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	9.56	98	2327329	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.92	95	604958	39.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.06%	
Target Compounds						
18) Methyl Acetate	3.90	43	29954	1.631	ug/l	98
64) Tetrachloroethene	10.11	164	64344	4.721	ug/l	96

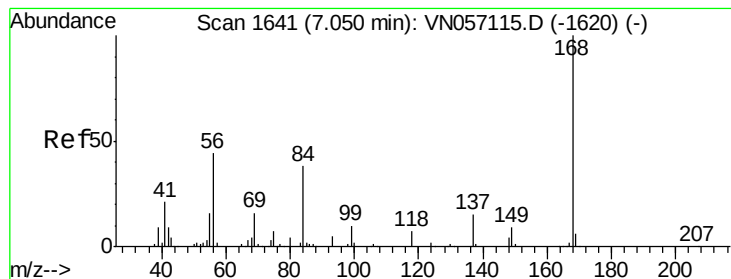
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 08 06:49:25 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VN057151.D

Acq: 9 Aug 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

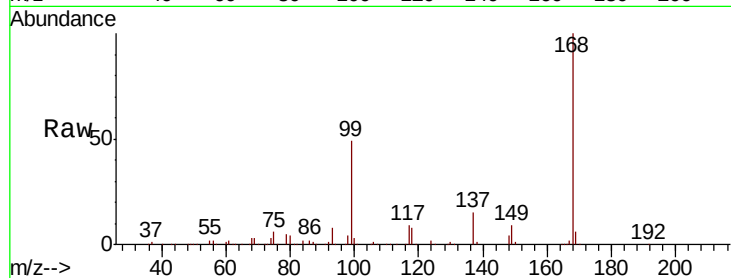
I.BLK

Tot Ion:168 Resp: 1428251

Ion Ratio Lower Upper

168 100

99 48.7 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

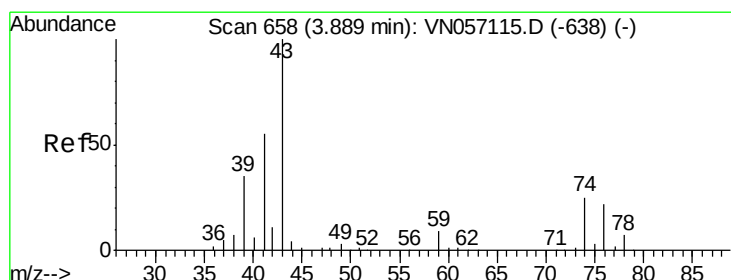
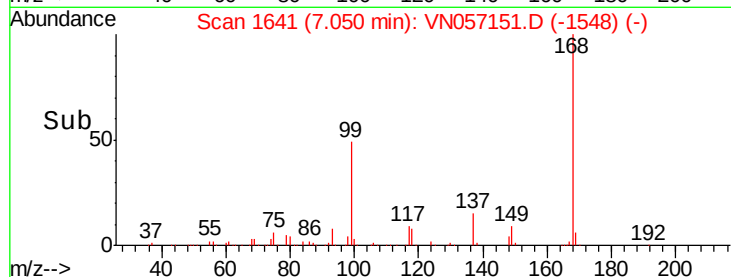
200000

100000

0

7.00 7.10

Time-->



#18

Methyl Acetate

Concen: 1.631 ug/l

RT: 3.90 min Scan# 662

Delta R.T. 0.01 min

Lab File: VN057151.D

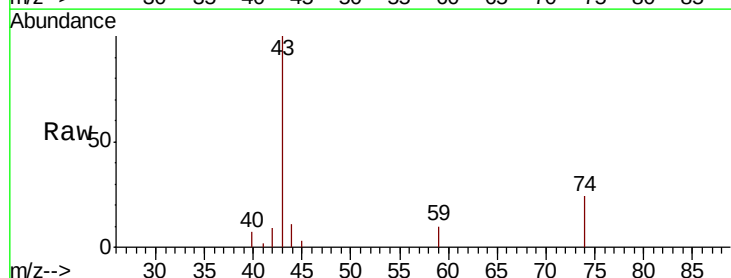
Acq: 9 Aug 2019 17:09

Tgt Ion: 43 Resp: 29954

Ion Ratio Lower Upper

43 100

74 24.3 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

12000

10000

8000

6000

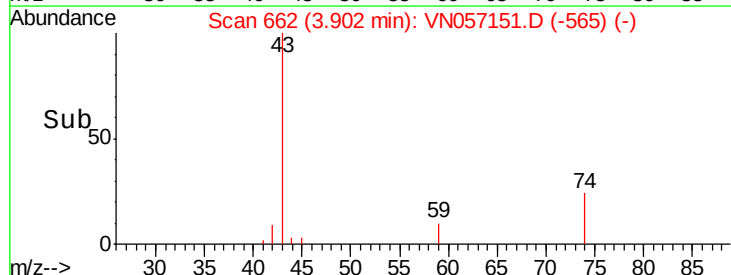
4000

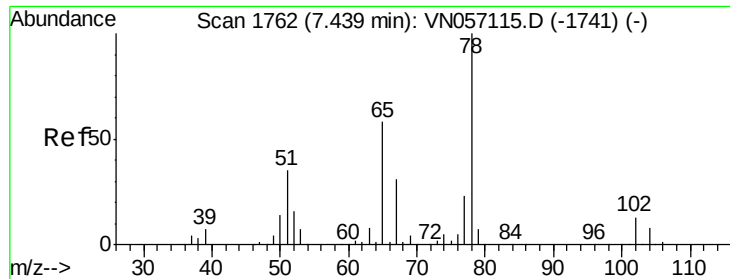
2000

0

3.80 3.85 3.90 3.95 4.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.495 ug/l

RT: 7.44 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VN057151.D

Acq: 9 Aug 2019 17:09

Instrument :

MSVOA_N

ClientSampled :

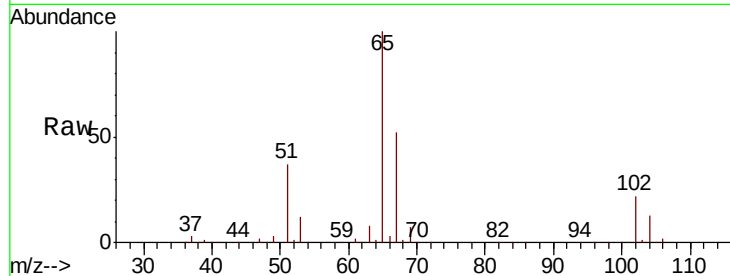
I.BLK

Tot Ion: 65 Resp: 668259

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.44

300000

250000

200000

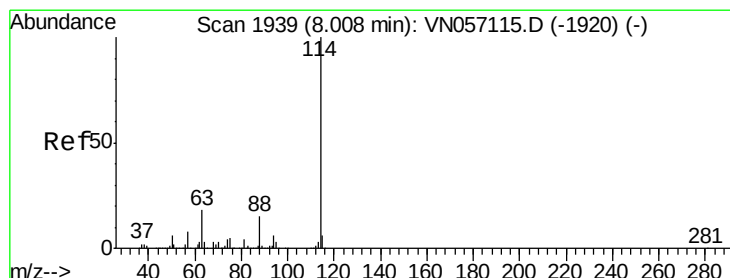
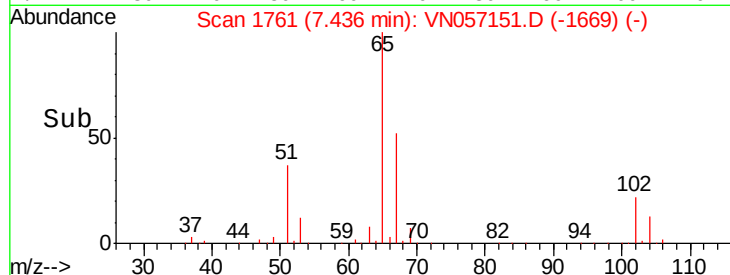
150000

100000

50000

0

Time--> 7.30 7.40 7.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN057151.D

Acq: 9 Aug 2019 17:09

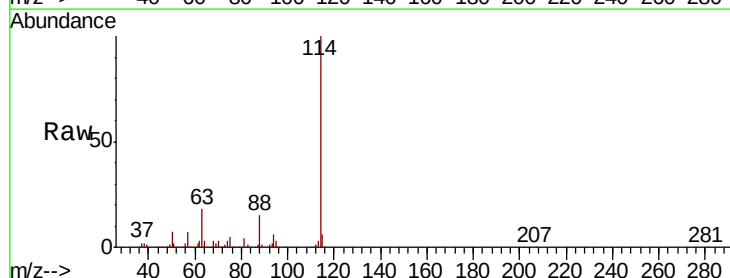
Tgt Ion:114 Resp: 2003546

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.2

88 14.8 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

1200000

1000000

800000

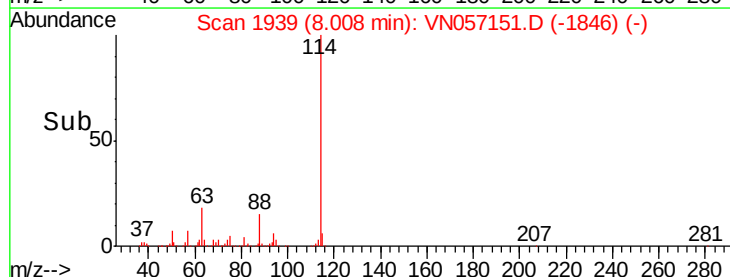
600000

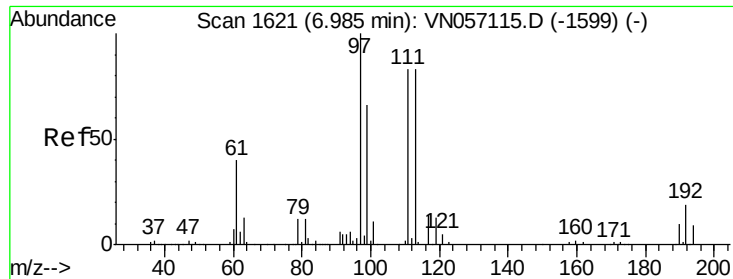
400000

200000

0

Time--> 7.90 8.00 8.10

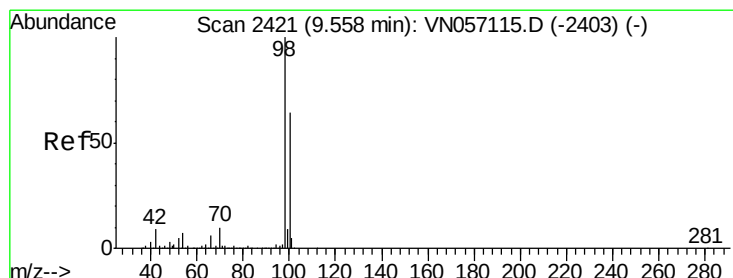
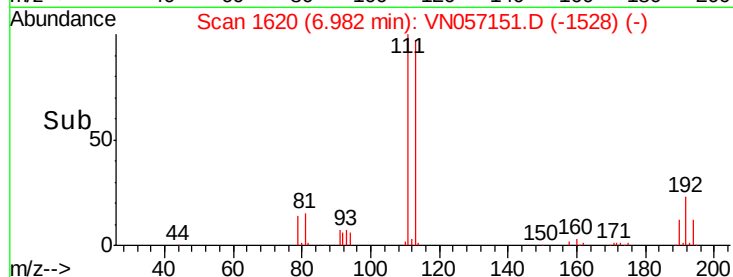
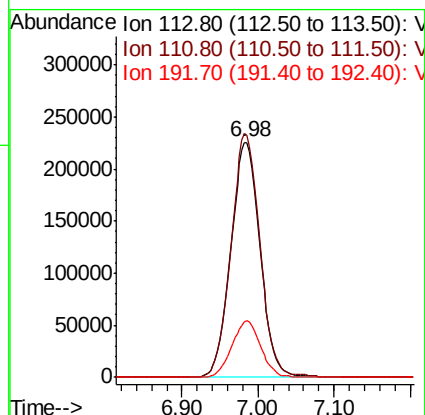
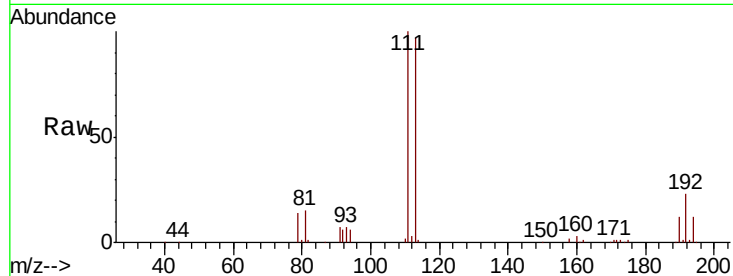




#35
 Dibromofluoromethane
 Concen: 47.980 ug/l
 RT: 6.98 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: VN057151.D
 Acq: 9 Aug 2019 17:09

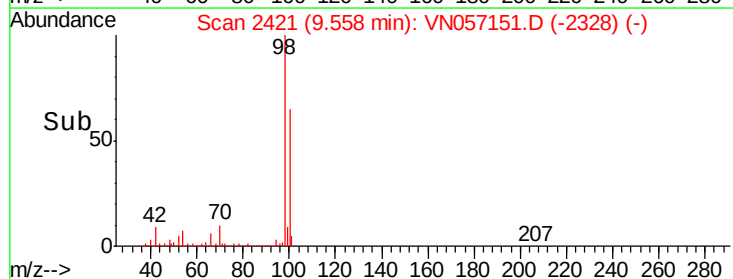
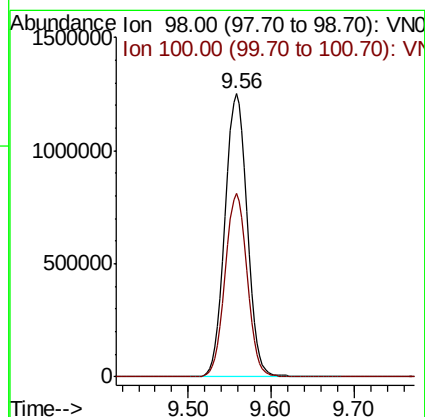
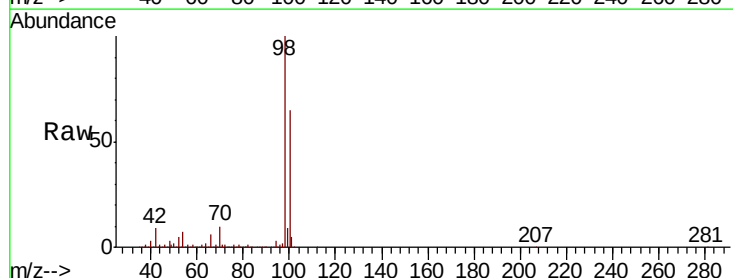
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

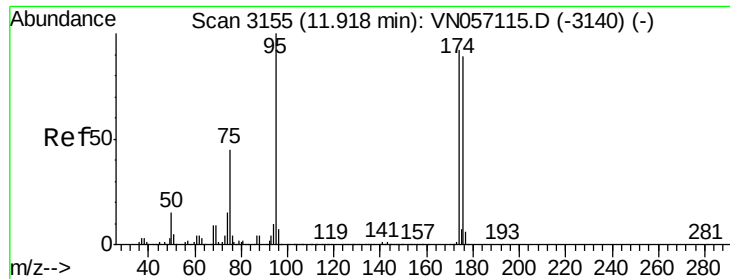
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.3	121.9
192	23.7	19.0	28.4



#50
 Toluene-d8
 Concen: 48.385 ug/l
 RT: 9.56 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: VN057151.D
 Acq: 9 Aug 2019 17:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.2	76.8





#62

4-Bromofluorobenzene

Concen: 39.034 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VN057151.D

Acq: 9 Aug 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

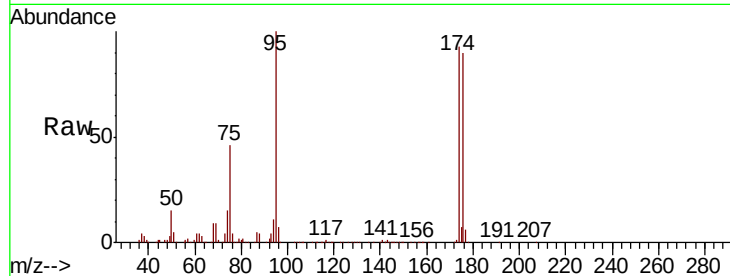
Tot Ion: 95 Resp: 604958

Ion Ratio Lower Upper

95 100

174 94.8 0.0 185.0

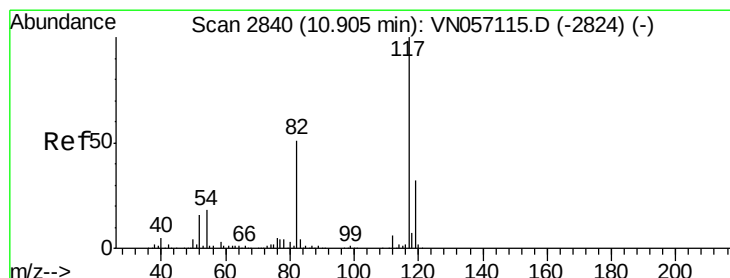
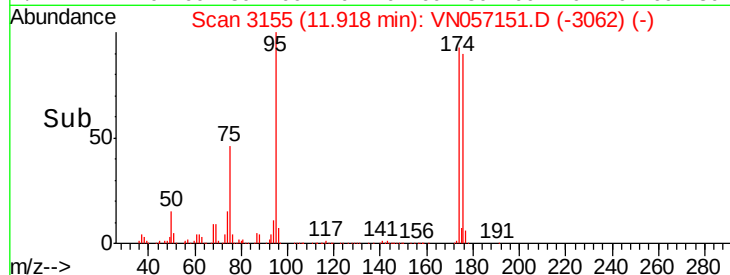
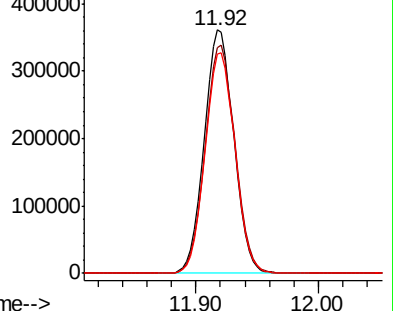
176 91.6 0.0 181.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN057151.D

Acq: 9 Aug 2019 17:09

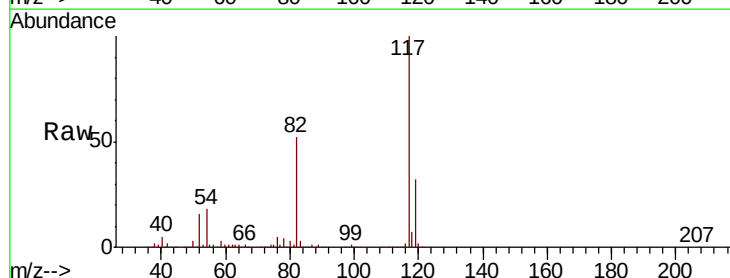
Tgt Ion: 117 Resp: 1638889

Ion Ratio Lower Upper

117 100

82 51.9 40.8 61.2

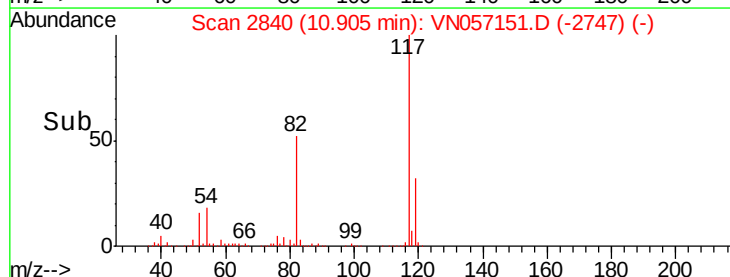
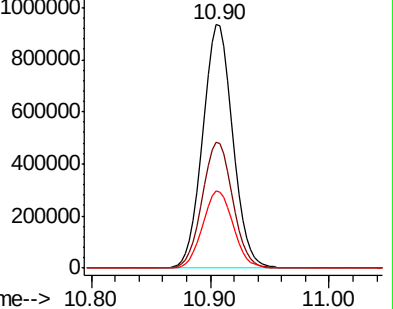
119 31.7 25.7 38.5

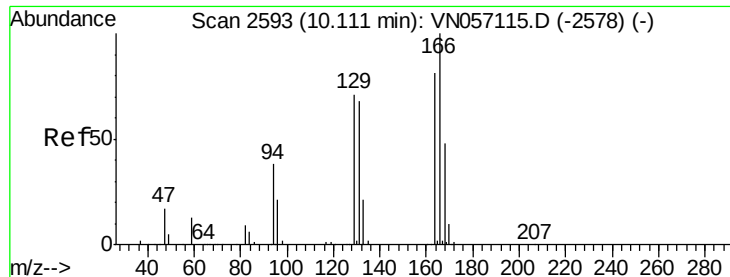


Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

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

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





#64

Tetrachloroethene

Concen: 4.721 ug/l

RT: 10.11 min Scan# 2593

Delta R.T. -0.00 min

Lab File: VN057151.D

Acq: 9 Aug 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

Tot Ion:164 Resp: 64344

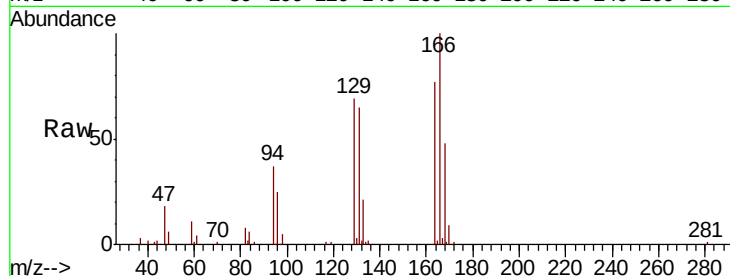
Ion Ratio Lower Upper

164 100

166 130.1 98.3 147.5

129 89.5 69.8 104.6

131 84.2 66.8 100.2

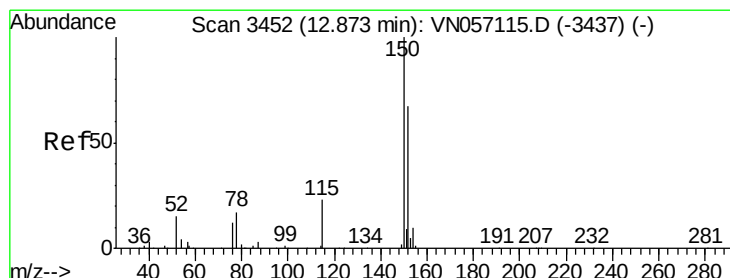
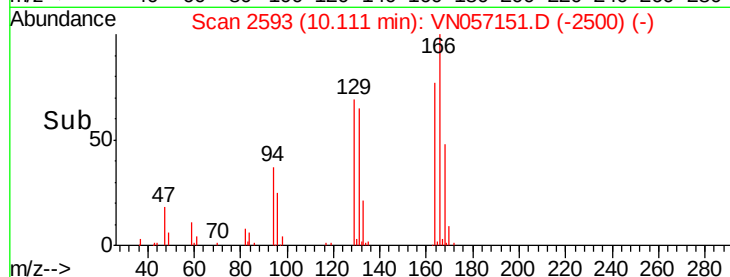
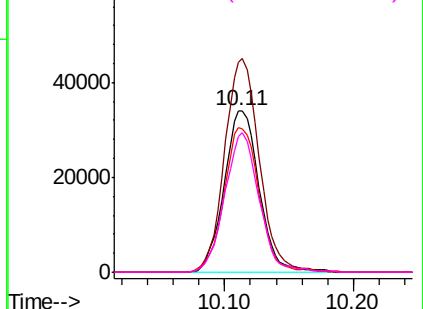


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057151.D

Acq: 9 Aug 2019 17:09

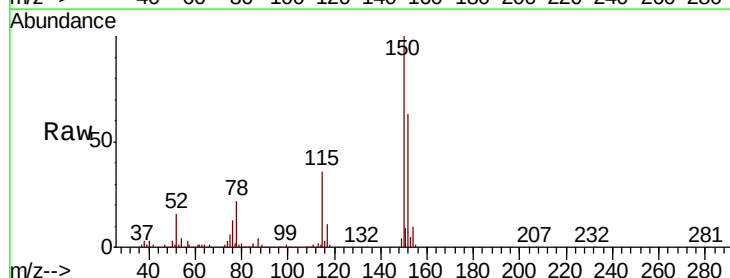
Tgt Ion:152 Resp: 410309

Ion Ratio Lower Upper

152 100

115 55.0 27.5 82.5

150 158.5 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

