

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058467.D
 Acq On : 1 Oct 2019 16:40
 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: Oct 02 07:26:21 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

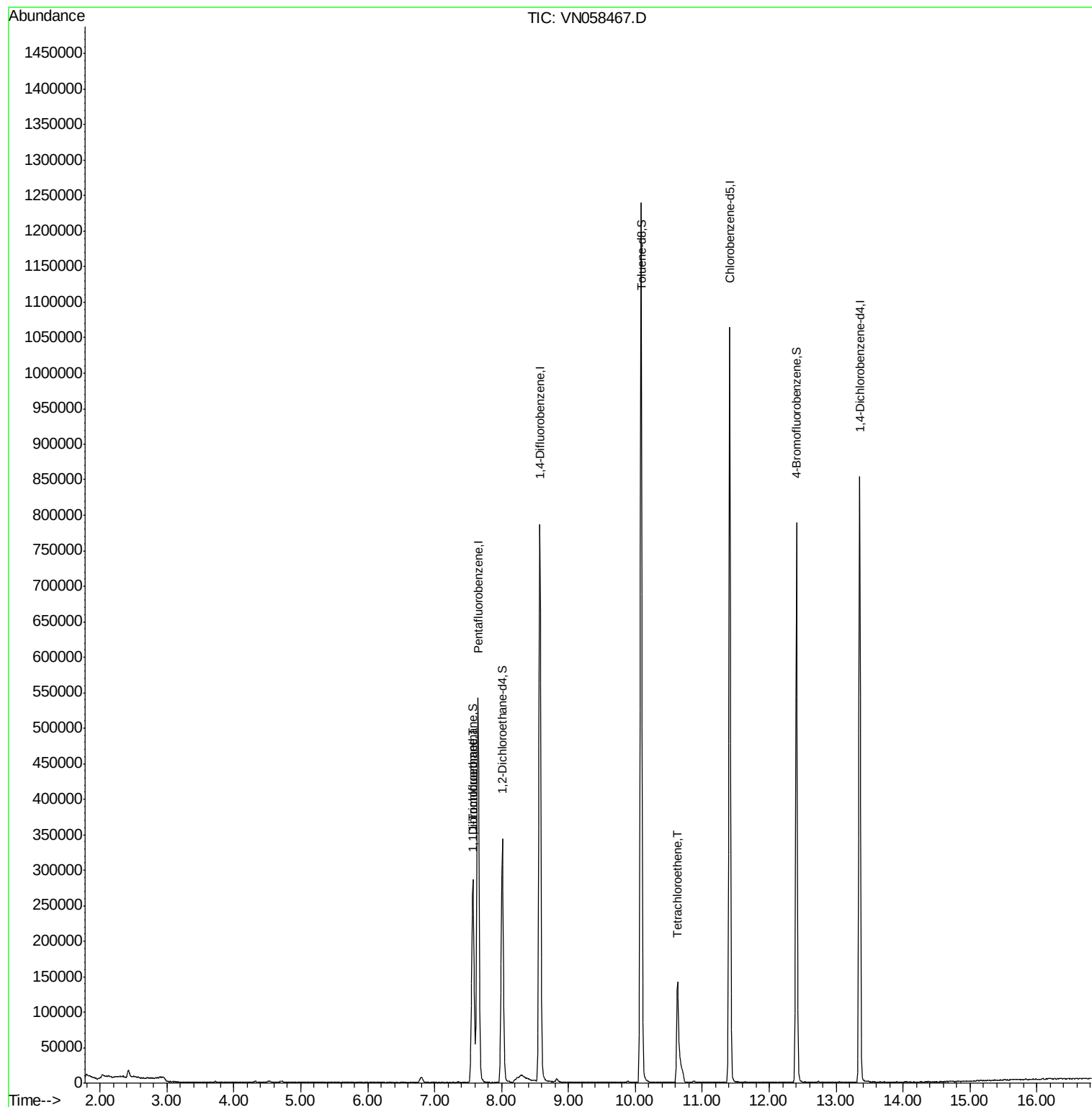
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	419408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	689104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	575350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	300138	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
35) Dibromofluoromethane	7.57	113	213331	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.09	98	847159	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.41	95	263577	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	
Target Compounds						
32) 1,1,1-Trichloroethane	7.55	97	7875	1.085	ug/l #	51
64) Tetrachloroethene	10.63	164	45505	12.449	ug/l	98

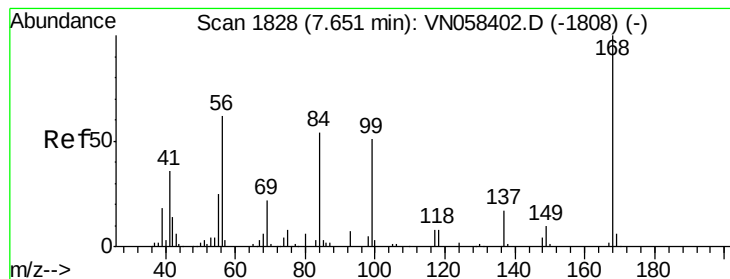
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1827

Delta R.T. -0.00 min

Lab File: VN058467.D

Acq: 1 Oct 2019 16:40

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MSVOA_N

ClientSampleId :

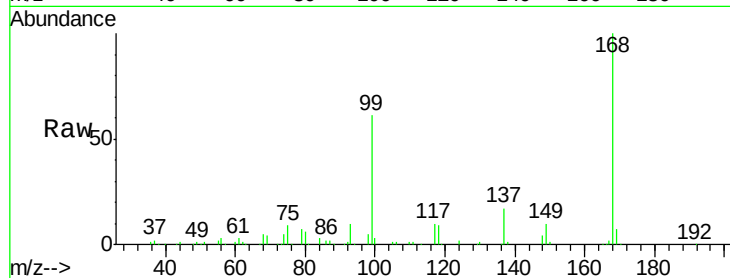
I.BLK

Tot Ion:168 Resp: 419408

Ion Ratio Lower Upper

168 100

99 60.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

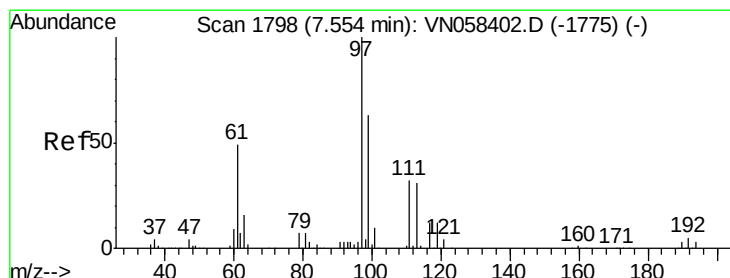
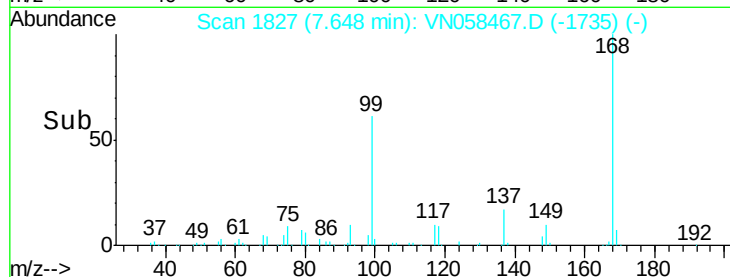
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#32

1,1,1-Trichloroethane

Concen: 1.085 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN058467.D

Acq: 1 Oct 2019 16:40

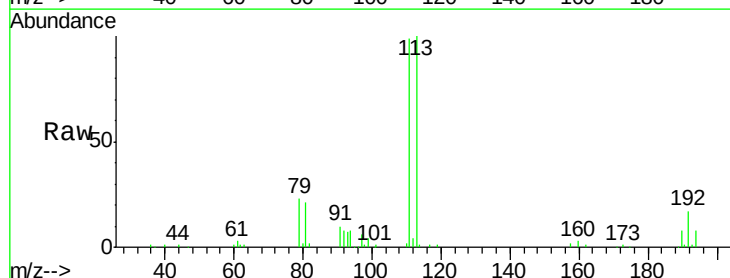
Tgt Ion: 97 Resp: 7875

Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

61 52.6 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

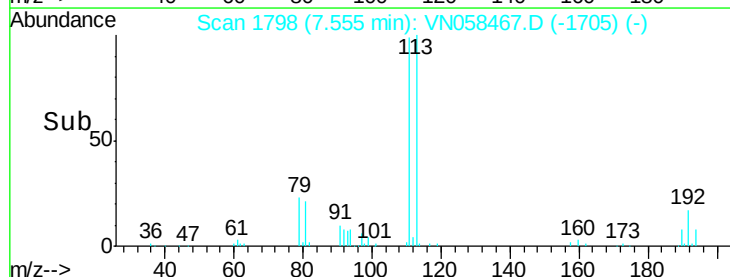
7.55

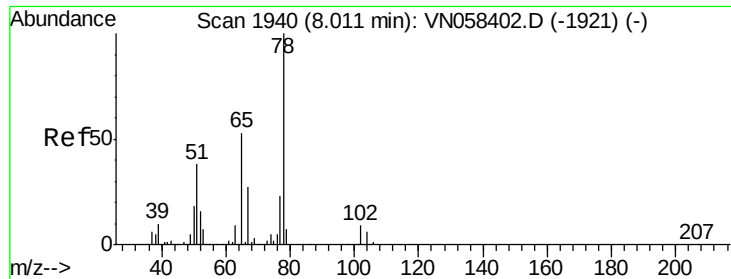
100000

50000

0

Time--> 7.50 7.55 7.60

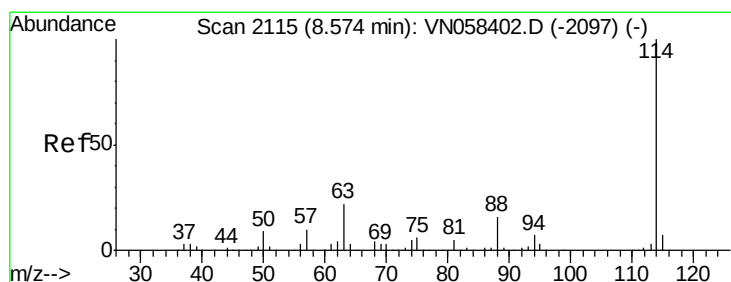
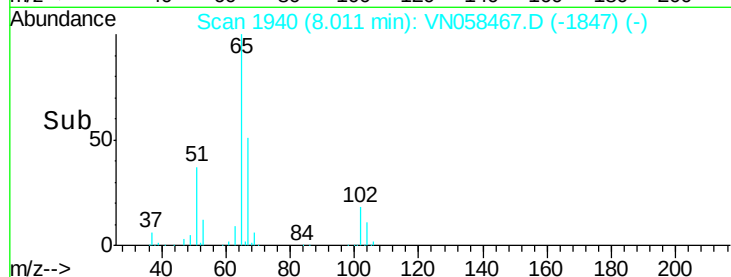
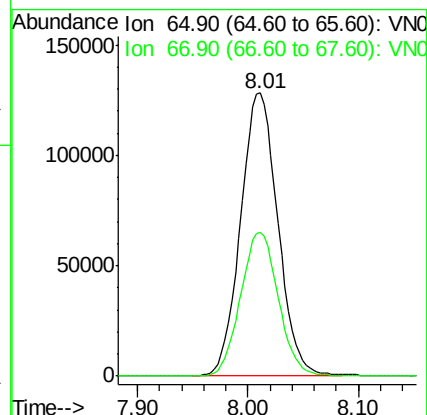
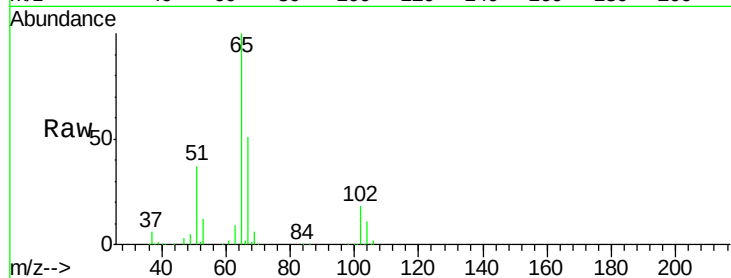




#33
 1,2-Dichloroethane-d4
 Concen: 48.970 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058467.D
 Acq: 1 Oct 2019 16:40

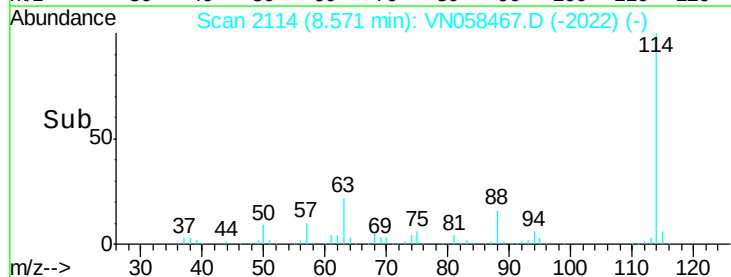
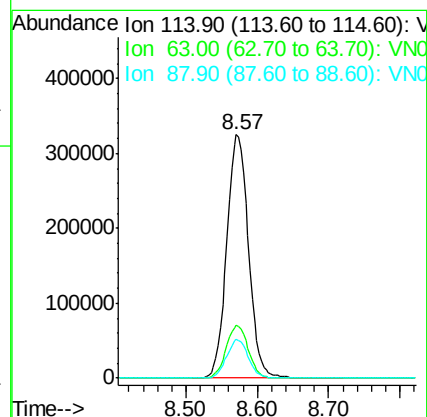
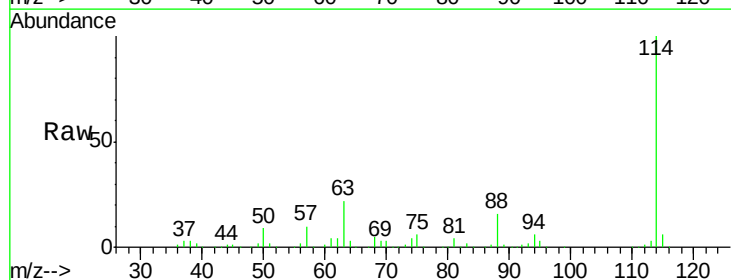
Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

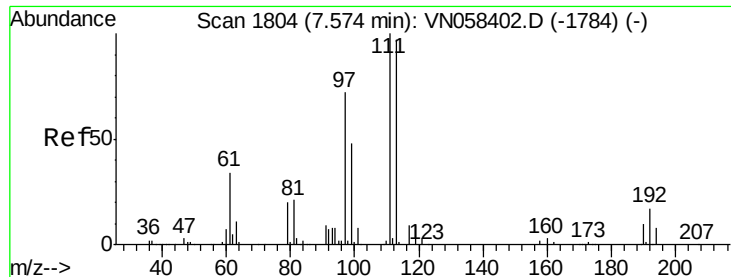
Tot Ion: 65 Resp: 300138
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058467.D
 Acq: 1 Oct 2019 16:40

Tgt Ion: 114 Resp: 689104
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.0
 88 15.9 0.0 32.2

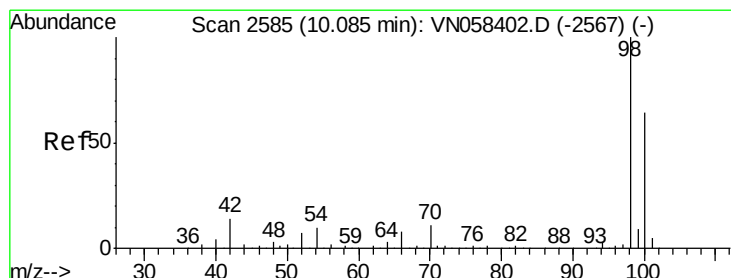
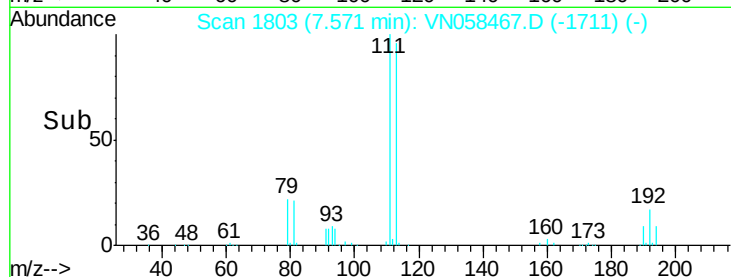
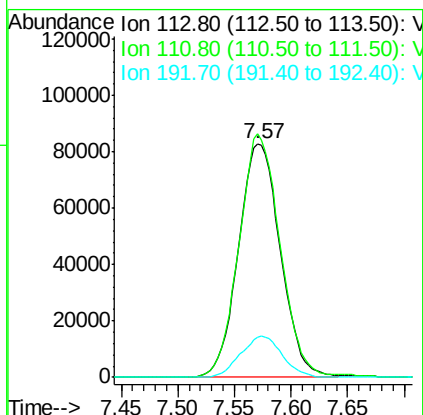
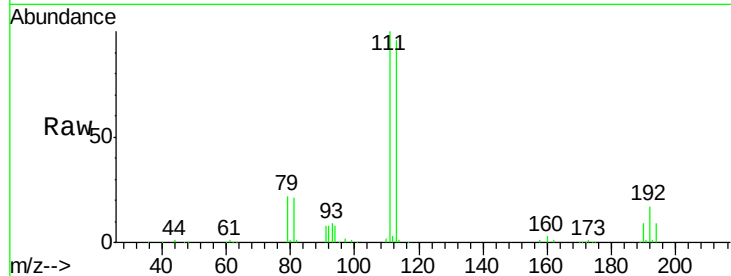




#35
 Dibromofluoromethane
 Concen: 50.511 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN058467.D
 Acq: 1 Oct 2019 16:40

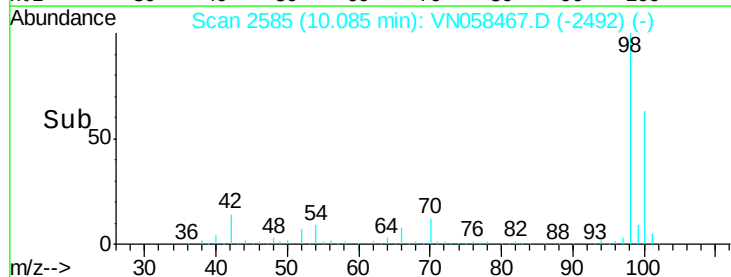
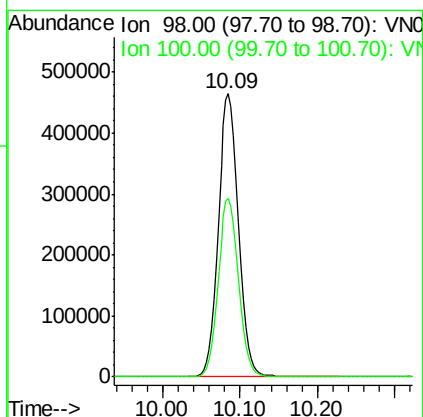
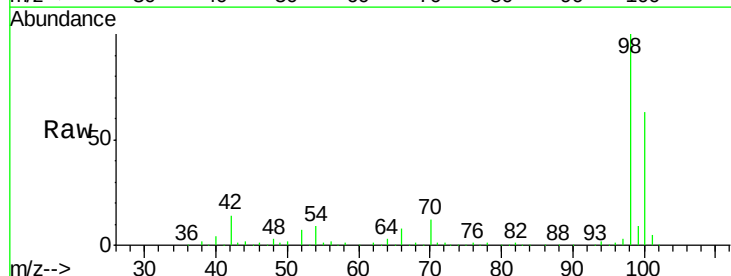
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

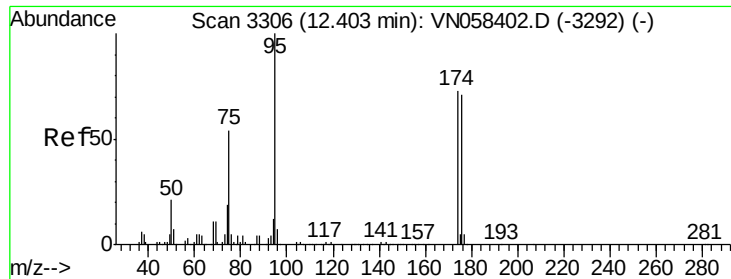
Tot Ion:113 Resp: 213331
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.4 125.2
 192 17.6 14.9 22.3



#50
 Toluene-d8
 Concen: 51.203 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058467.D
 Acq: 1 Oct 2019 16:40

Tgt Ion: 98 Resp: 847159
 Ion Ratio Lower Upper
 98 100
 100 63.5 51.0 76.6





#62

4-Bromofluorobenzene

Concen: 44.059 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058467.D

Acq: 1 Oct 2019 16:40

Instrument :

MSVOA_N

ClientSampled :

I.BLK

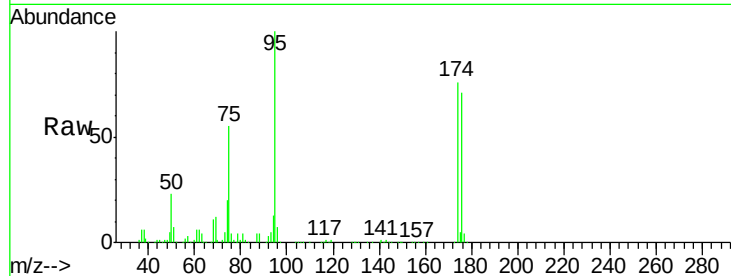
Tot Ion: 95 Resp: 263577

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.6

176 71.3 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

12.41

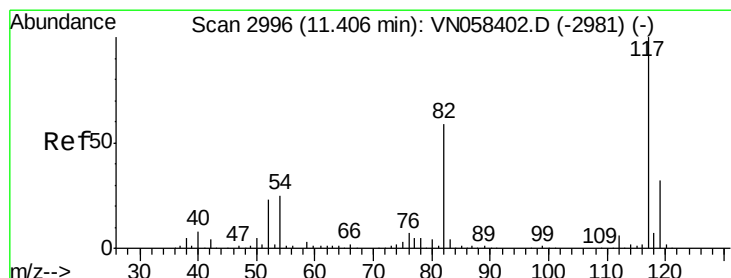
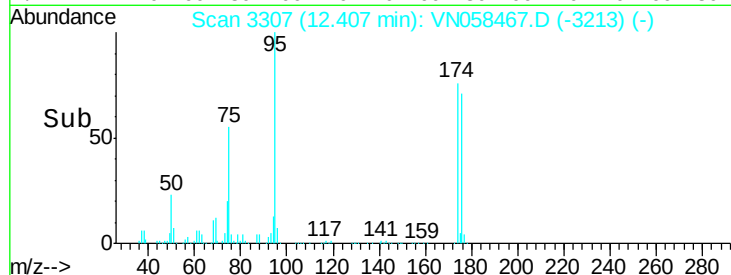
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058467.D

Acq: 1 Oct 2019 16:40

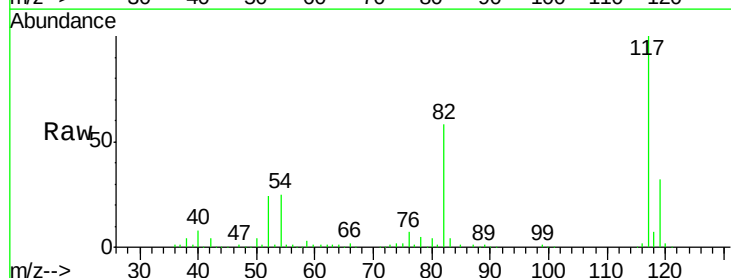
Tgt Ion: 117 Resp: 575350

Ion Ratio Lower Upper

117 100

82 58.4 47.4 71.0

119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)

11.41

400000

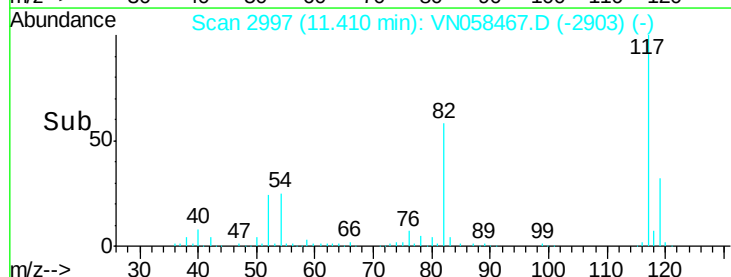
300000

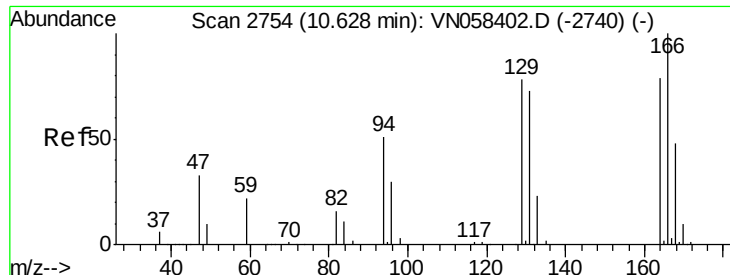
200000

100000

0

Time--> 11.30 11.40 11.50





#64

Tetrachloroethene

Concen: 12.449 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN058467.D

Acq: 1 Oct 2019 16:40

Instrument :

MSVOA_N

ClientSampled :

I.BLK

Tot Ion:164 Resp: 45505

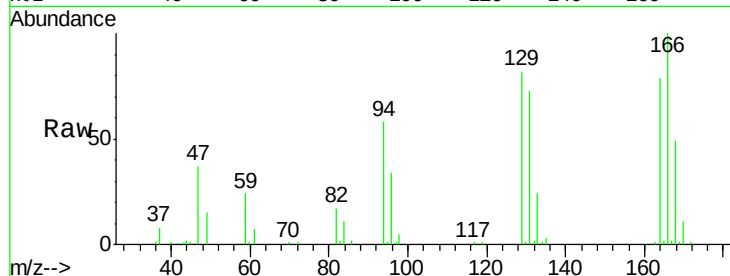
Ion Ratio Lower Upper

164 100

166 126.8 101.1 151.7

129 103.7 79.2 118.8

131 93.1 74.1 111.1

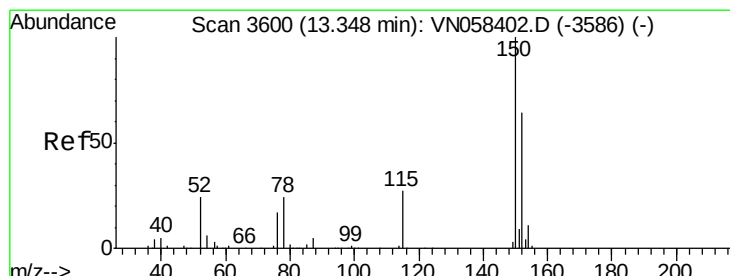
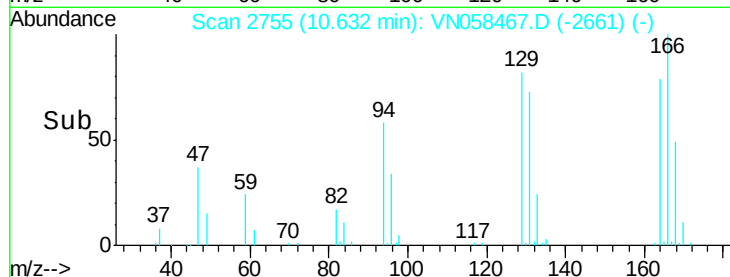
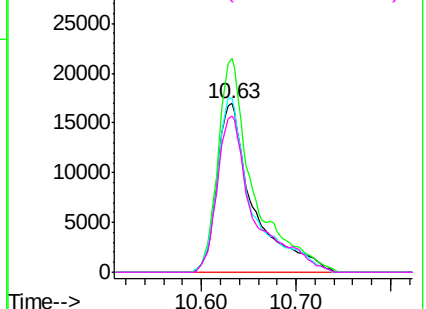


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN058467.D

Acq: 1 Oct 2019 16:40

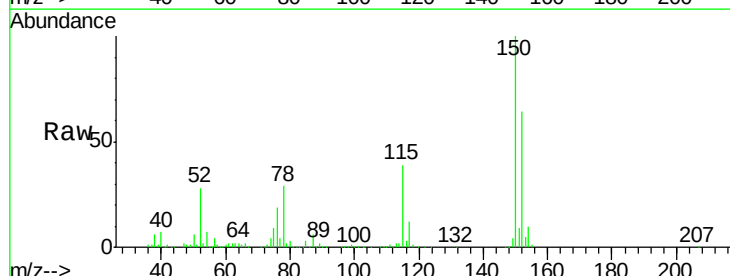
Tgt Ion:152 Resp: 217993

Ion Ratio Lower Upper

152 100

115 61.6 30.0 90.0

150 156.6 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

