

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040519\
 Data File : VN054966.D
 Acq On : 5 Apr 2019 11:20
 Operator : JC/SP
 Sample : K2265-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BW-04419

Quant Time: Apr 06 00:22:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

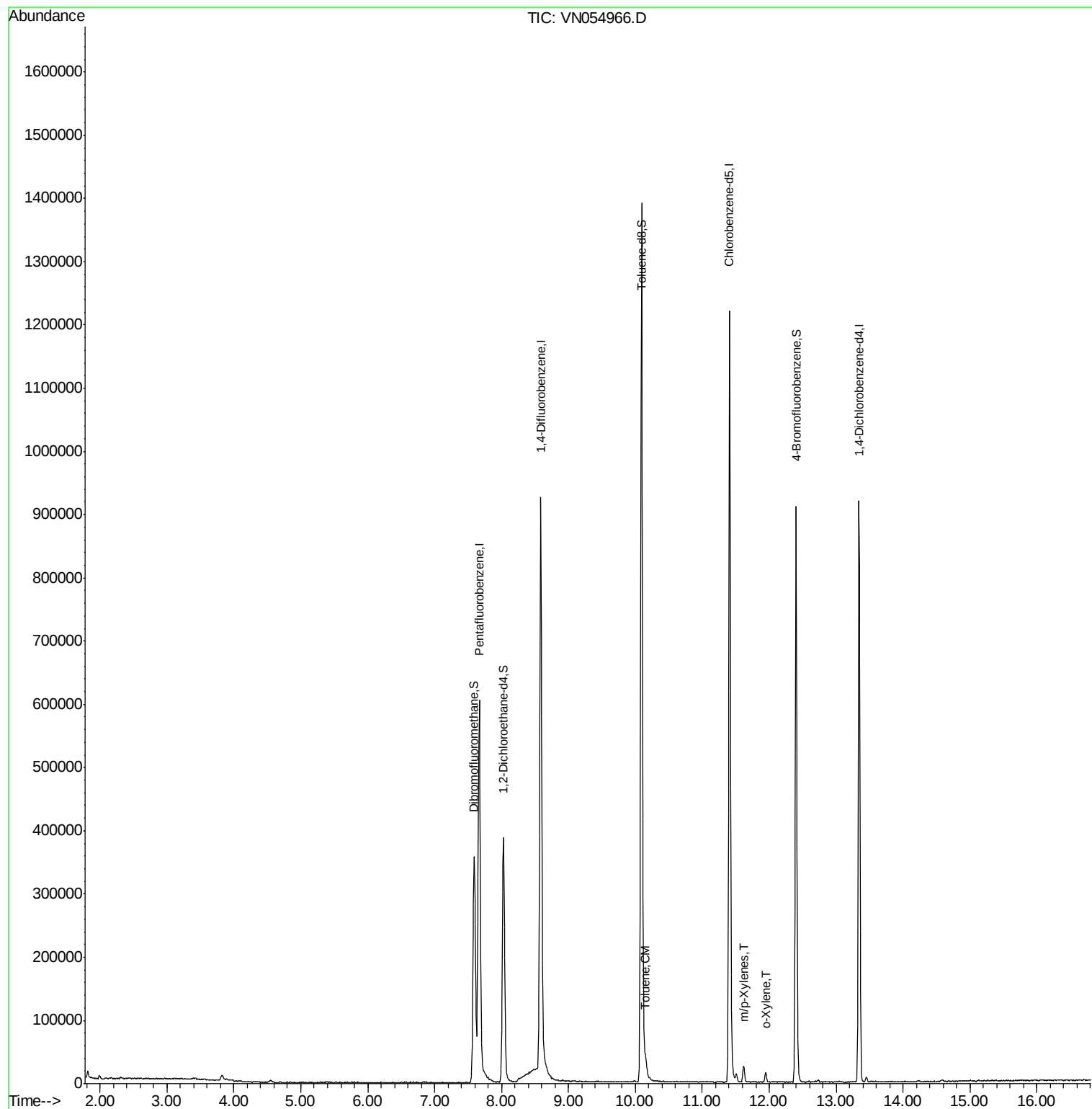
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	512137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	852402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	727310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	250281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	340607	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
35) Dibromofluoromethane	7.59	113	275099	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	10.09	98	1023247	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.40	95	310090	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
Target Compounds						
52) Toluene	10.16	92	5022	0.351	ug/l	98
68) m/p-Xylenes	11.62	106	8206	0.840	ug/l	100
69) o-Xylene	11.94	106	4211	0.442	ug/l	94

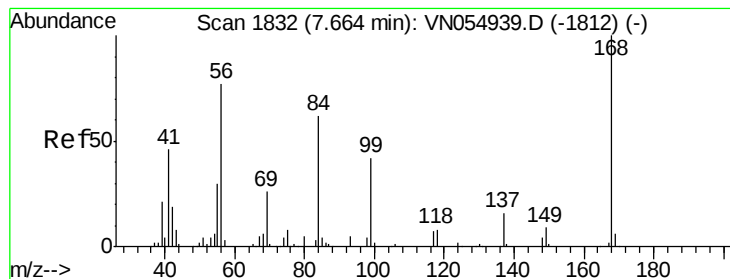
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054966.D

Acq: 5 Apr 2019 11:20

Instrument :

MSVOA_N

ClientSampleId :

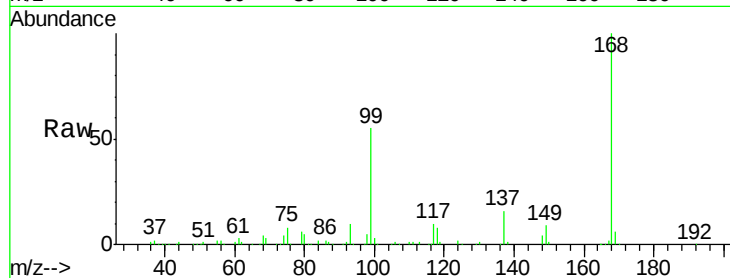
BW-04419

Tot Ion:168 Resp: 512137

Ion Ratio Lower Upper

168 100

99 54.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): VN054939.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN054939.D (-1812) (-)

7.67

250000

200000

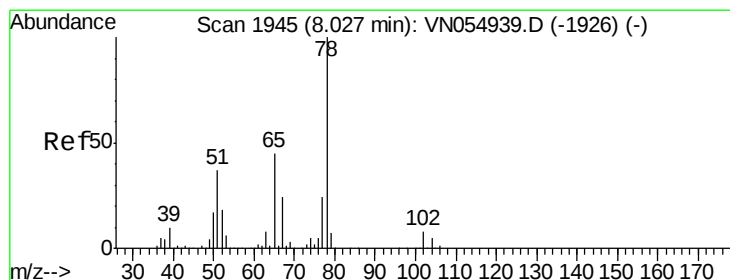
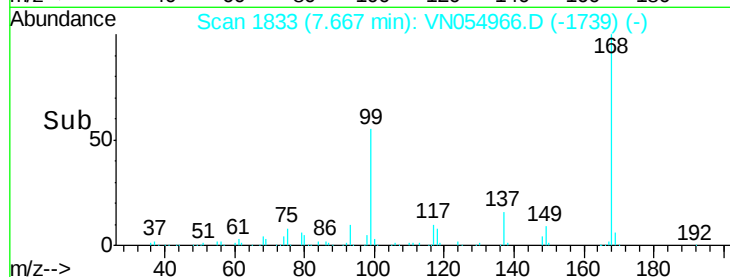
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#33

1,2-Dichloroethane-d4

Concen: 50.443 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054966.D

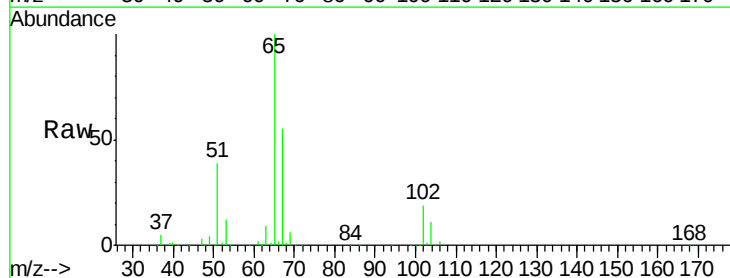
Acq: 5 Apr 2019 11:20

Tgt Ion: 65 Resp: 340607

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN054939.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN054939.D (-1926) (-)

8.03

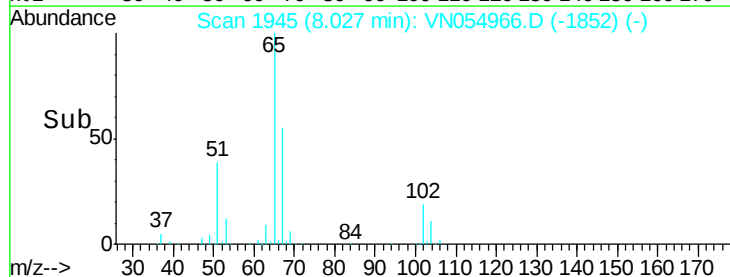
150000

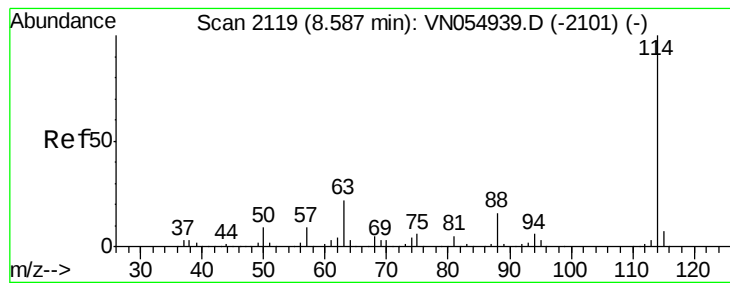
100000

50000

0

Time--> 7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054966.D

Acq: 5 Apr 2019 11:20

Instrument :

MSVOA_N

ClientSampleId :

BW-04419

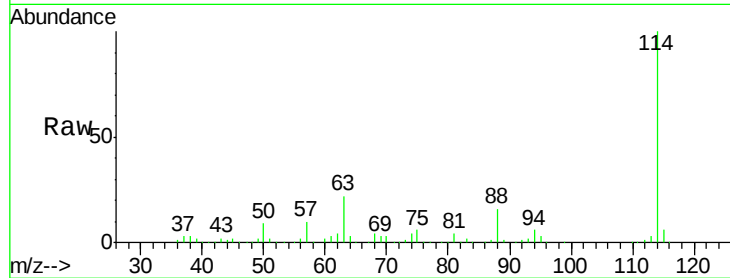
Tot Ion:114 Resp: 852402

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

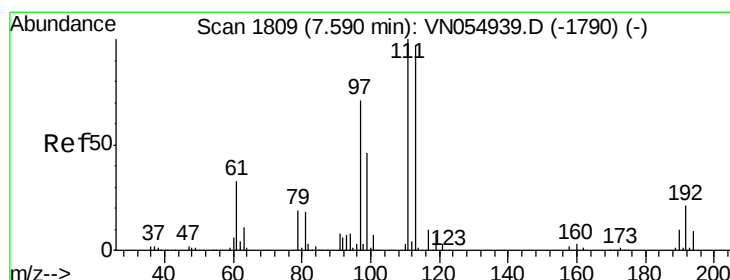
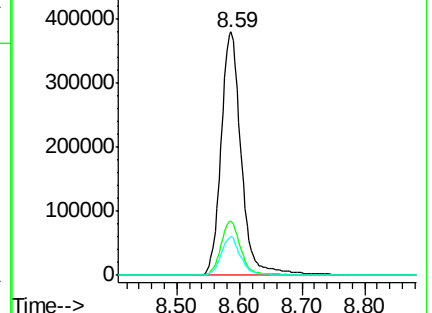
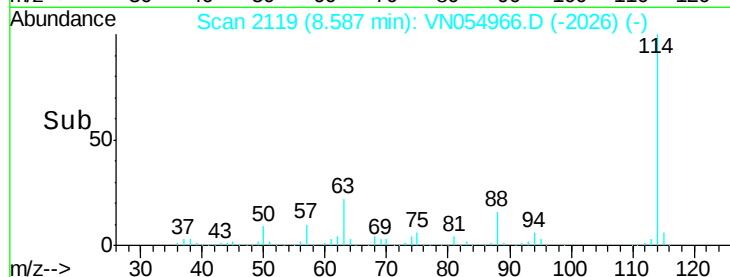
88 15.8 0.0 32.0



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



#35

Dibromofluoromethane

Concen: 49.578 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054966.D

Acq: 5 Apr 2019 11:20

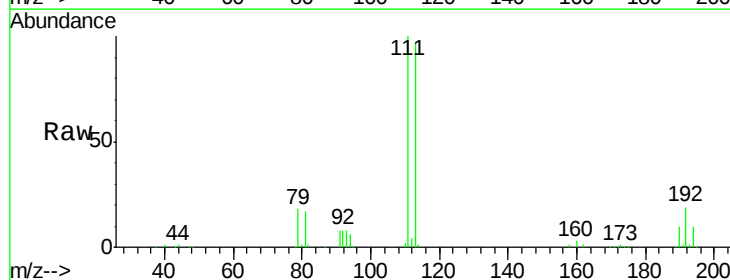
Tgt Ion:113 Resp: 275099

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

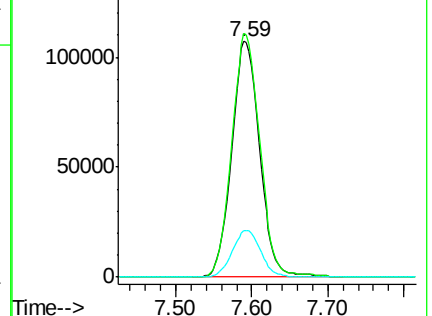
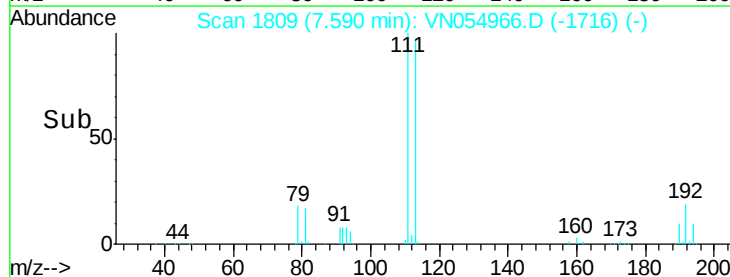
192 20.0 16.5 24.7

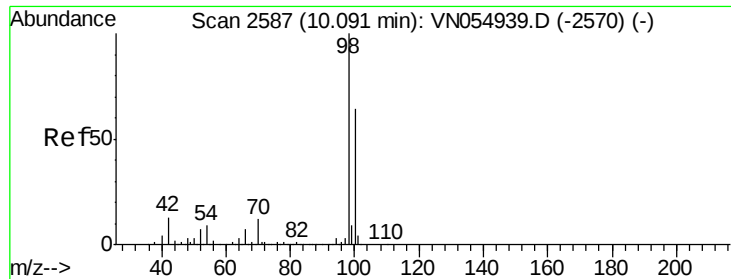


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

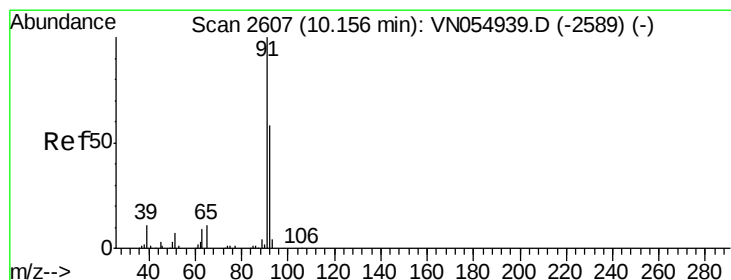
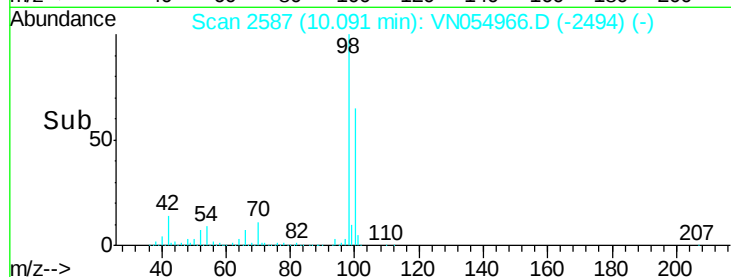
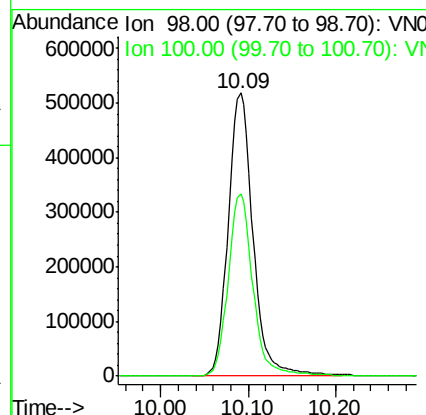
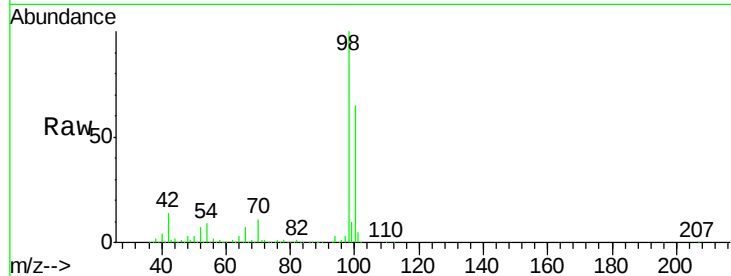




#50
Toluene-d8
Concen: 48.601 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054966.D
Acq: 5 Apr 2019 11:20

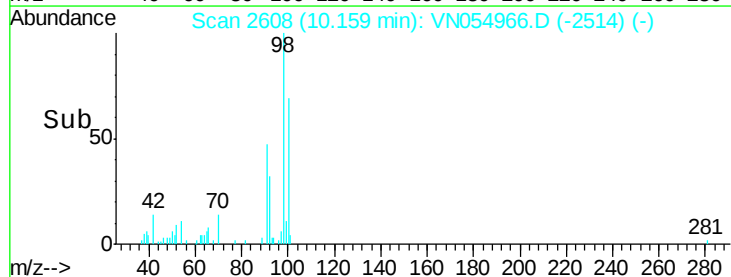
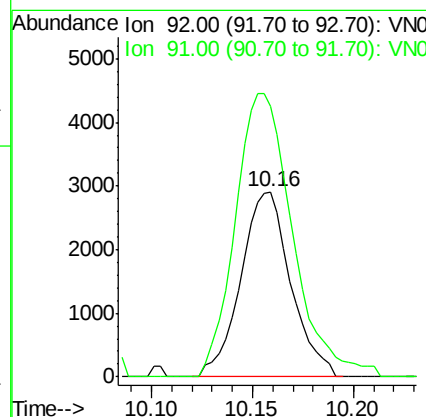
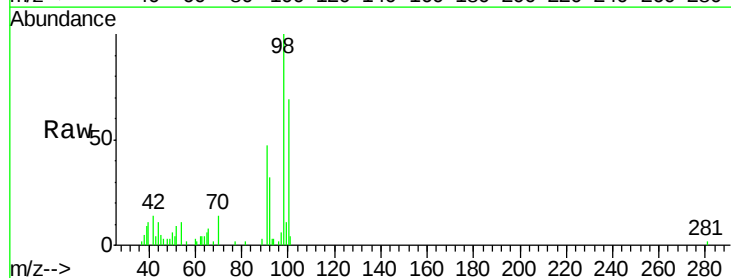
Instrument :
MSVOA_N
ClientSampled :
BW-04419

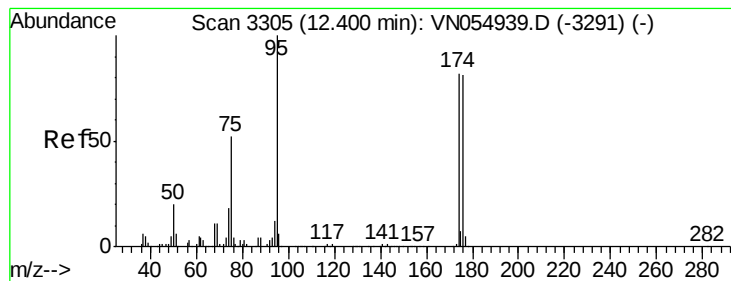
Tot Ion: 98 Resp: 1023247
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#52
Toluene
Concen: 0.351 ug/l
RT: 10.16 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN054966.D
Acq: 5 Apr 2019 11:20

Tgt Ion: 92 Resp: 5022
Ion Ratio Lower Upper
92 100
91 176.1 138.8 208.2





#62

4-Bromofluorobenzene

Concen: 44.133 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054966.D

Acq: 5 Apr 2019 11:20

Instrument :

MSVOA_N

ClientSampleId :

BW-04419

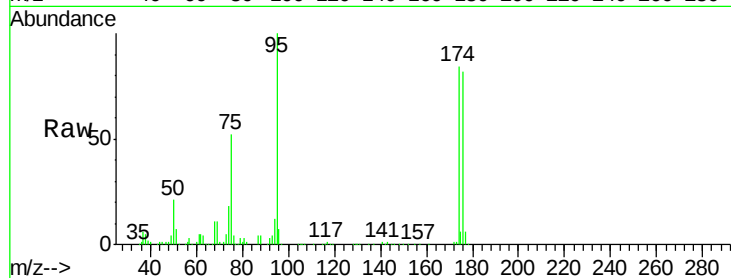
Tot Ion: 95 Resp: 310090

Ion Ratio Lower Upper

95 100

174 84.5 0.0 166.2

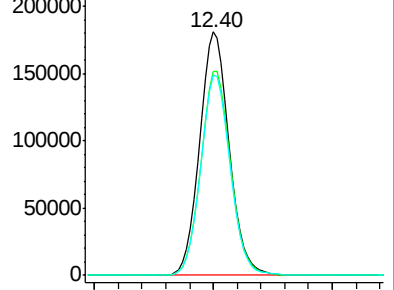
176 82.6 0.0 163.2



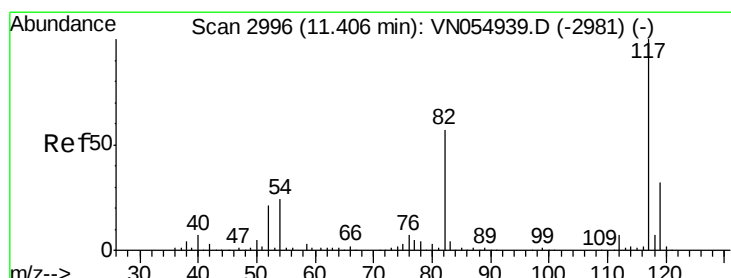
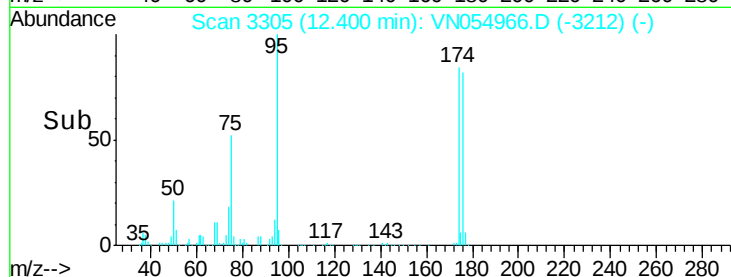
Abundance Ion 94.90 (94.60 to 95.60): VN054939.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054939.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054939.D (-3291) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054966.D

Acq: 5 Apr 2019 11:20

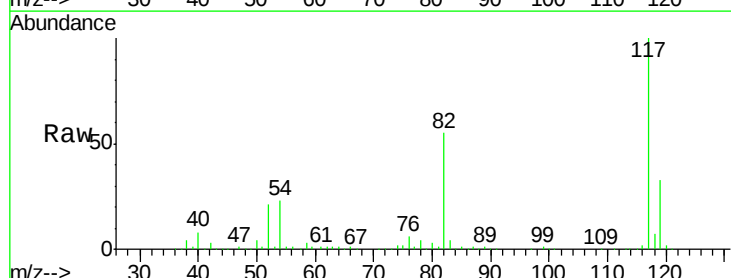
Tgt Ion: 117 Resp: 727310

Ion Ratio Lower Upper

117 100

82 55.4 45.3 67.9

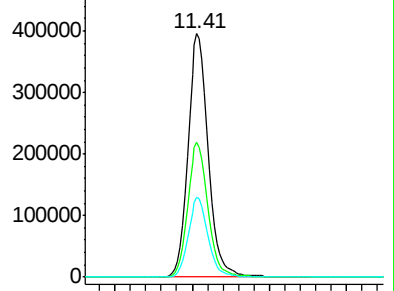
119 32.6 25.8 38.6



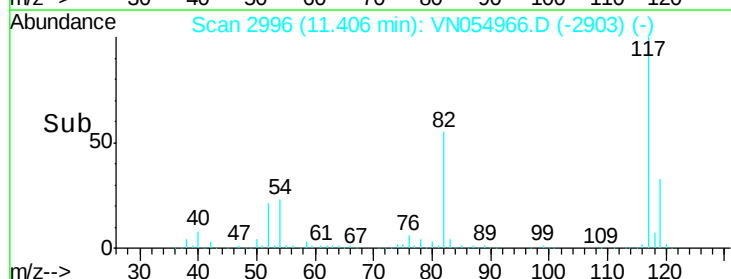
Abundance Ion 116.90 (116.60 to 117.60): VN054939.D (-2981) (-)

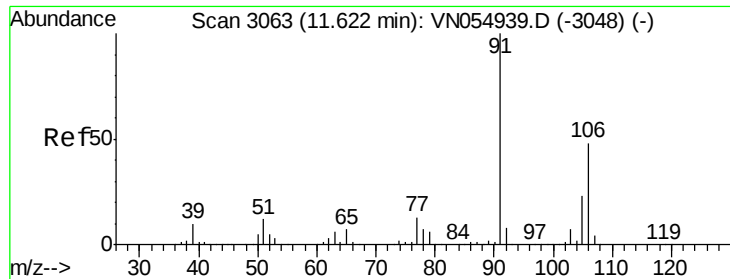
Ion 82.00 (81.70 to 82.70): VN054939.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054939.D (-2981) (-)



Time-->

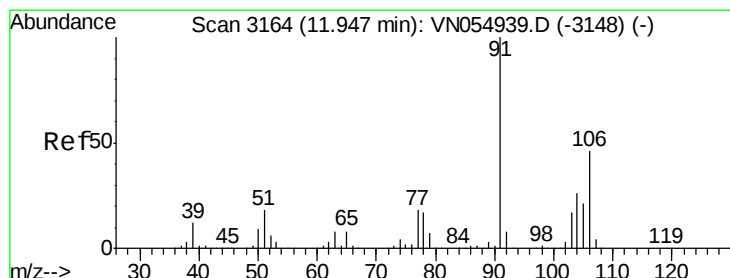
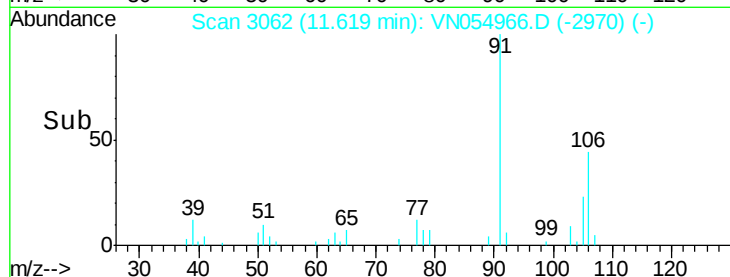
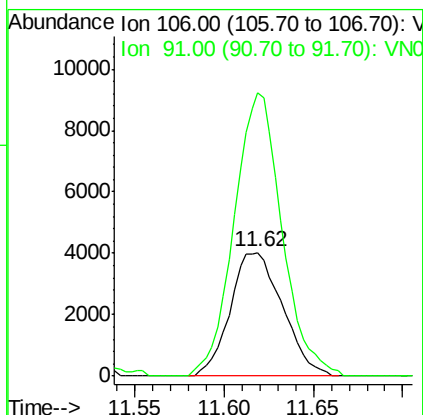
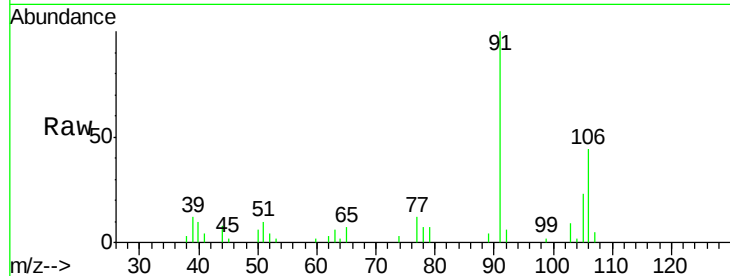




#68
m/p-Xvlenes
Concen: 0.840 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054966.D
Acq: 5 Apr 2019 11:20

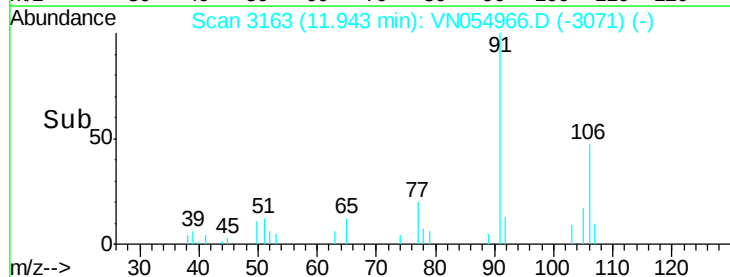
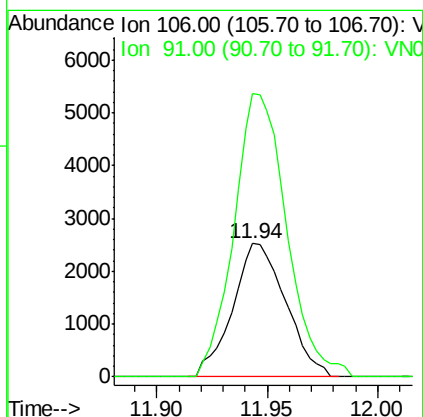
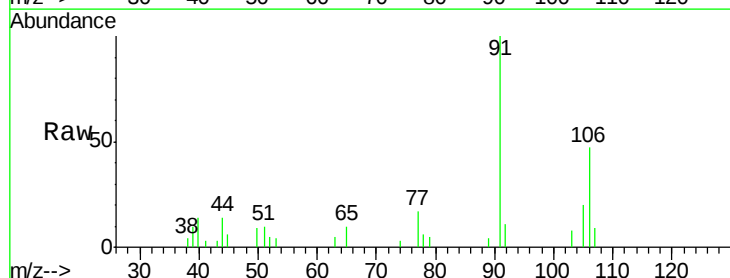
Instrument :
MSVOA_N
ClientSampled :
BW-04419

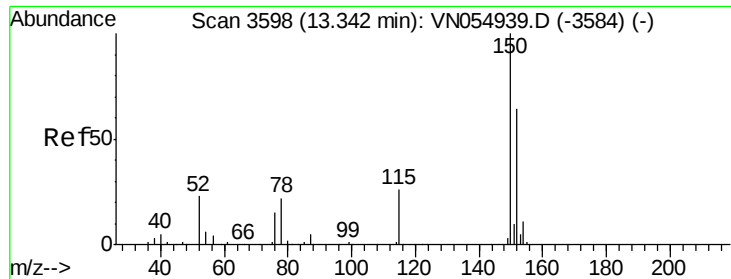
Tot Ion:106 Resp: 8206
Ion Ratio Lower Upper
106 100
91 209.5 167.4 251.2



#69
o-Xylene
Concen: 0.442 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN054966.D
Acq: 5 Apr 2019 11:20

Tgt Ion:106 Resp: 4211
Ion Ratio Lower Upper
106 100
91 210.6 109.9 329.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054966.D

Acq: 5 Apr 2019 11:20

Instrument :

MSVOA_N

ClientSampleId :

BW-04419

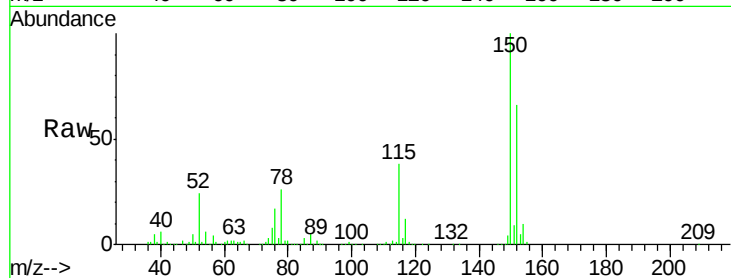
Tot Ion:152 Resp: 250281

Ion Ratio Lower Upper

152 100

115 57.9 28.9 86.8

150 152.8 0.0 345.4



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

