

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
 Data File : VN061191.D
 Acq On : 29 Apr 2020 14:37
 Operator : JC/MD
 Sample : L2415-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS036MW014-200423

Quant Time: Apr 29 18:55:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

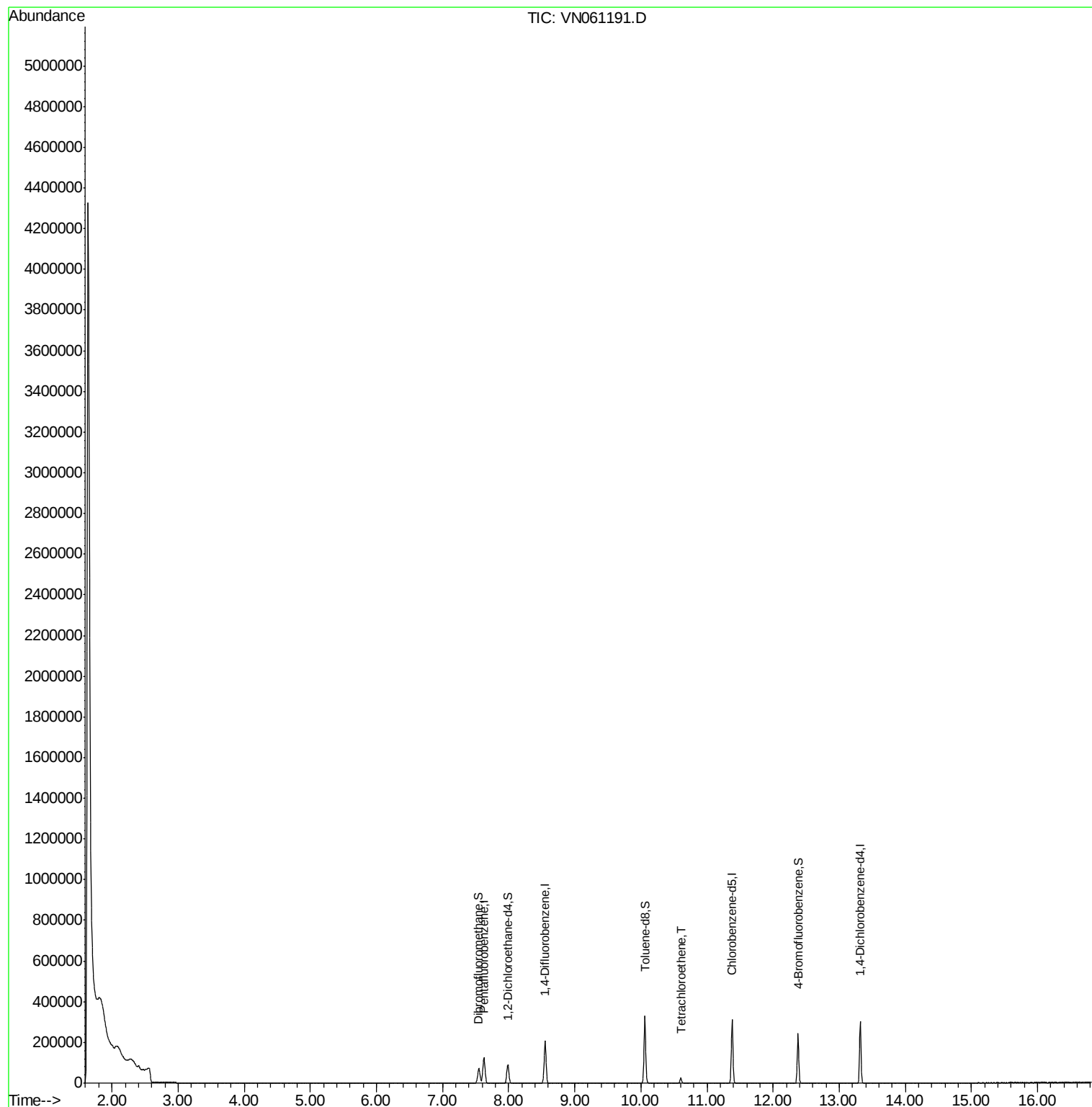
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	94724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	170081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	166744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	74268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	78132	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
35) Dibromofluoromethane	7.55	113	53260	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
50) Toluene-d8	10.06	98	214521	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.38	95	79811	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
Target Compounds						
64) Tetrachloroethene	10.61	164	5557	3.848	ug/l	Qvalue 98

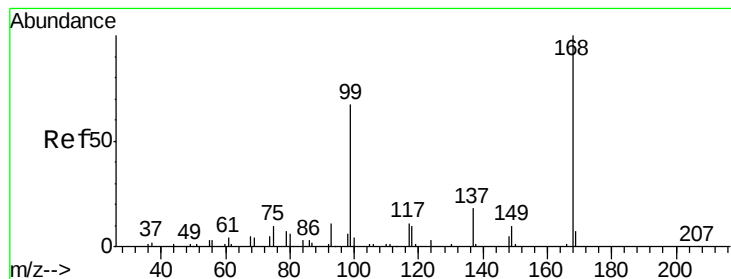
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042920\
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QLast Update : Wed Apr 29 08:14:26 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

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Acq: 29 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

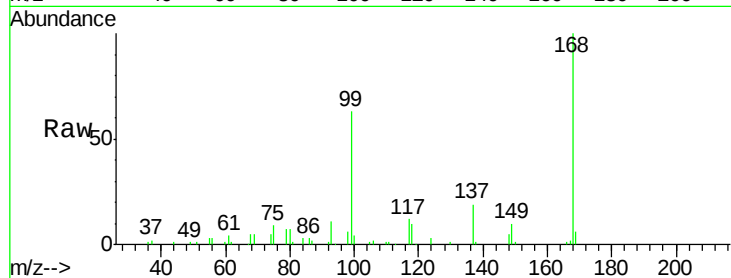
SS036MW014-200423

Tot Ion:168 Resp: 94724

Ion Ratio Lower Upper

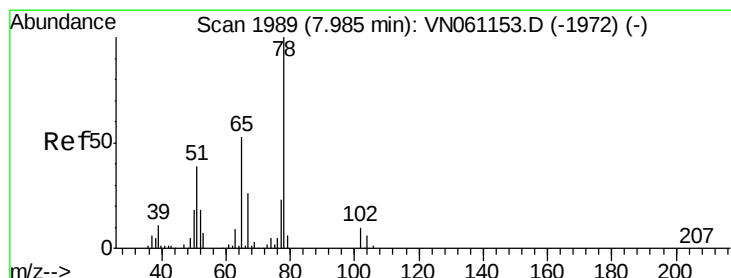
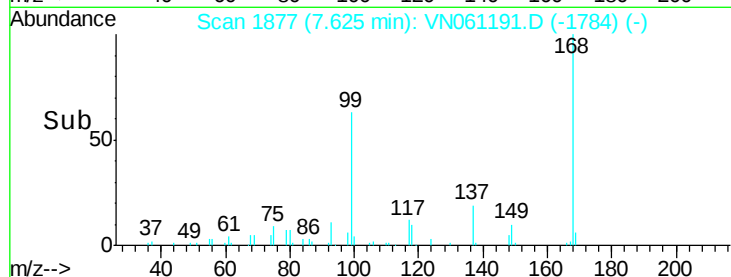
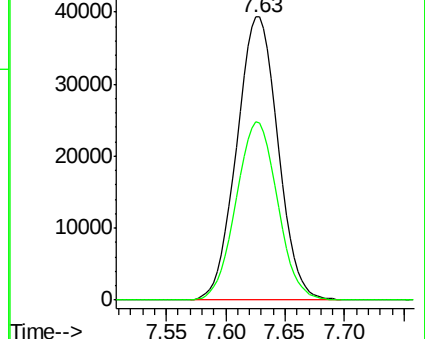
168 100

99 63.1 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 52.129 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061191.D

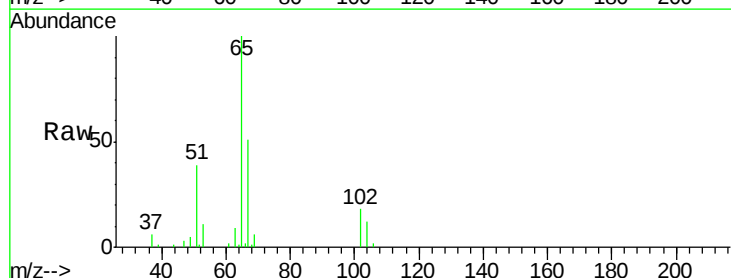
Acq: 29 Apr 2020 14:37

Tgt Ion: 65 Resp: 78132

Ion Ratio Lower Upper

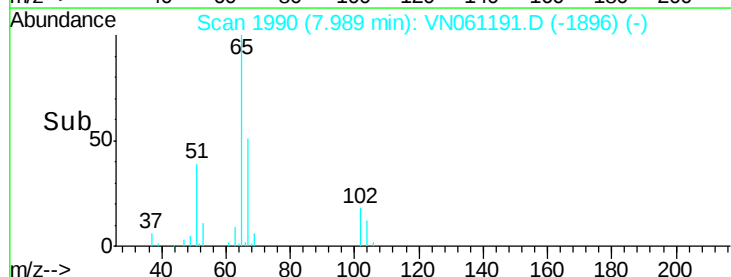
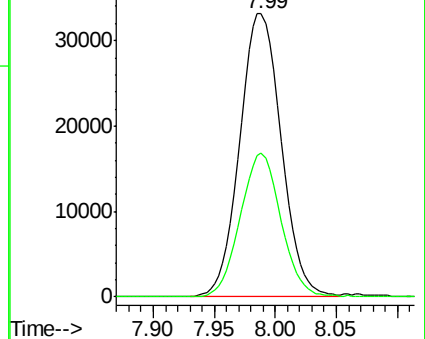
65 100

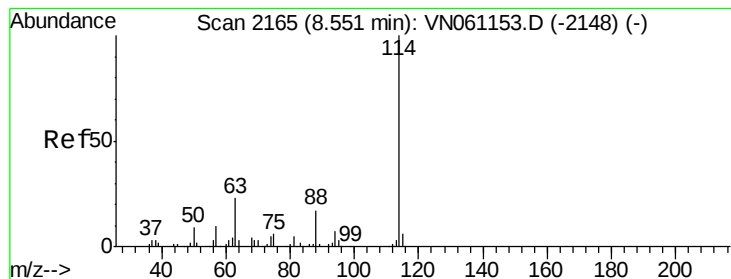
67 49.7 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061191.D

Acq: 29 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

SS036MW014-200423

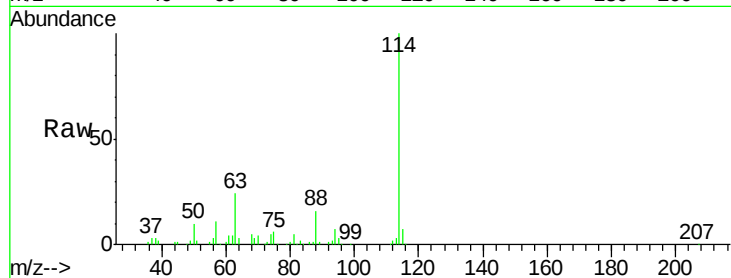
Tot Ion:114 Resp: 170081

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

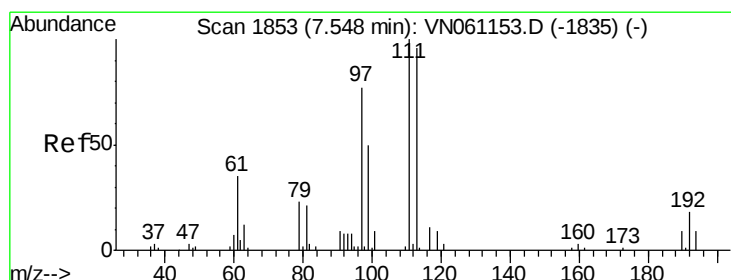
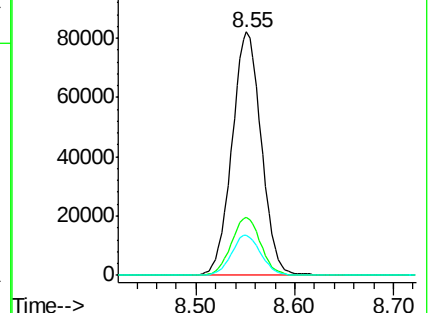
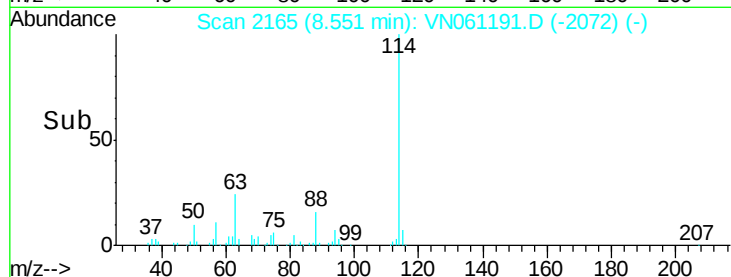
88 16.5 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 52.957 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061191.D

Acq: 29 Apr 2020 14:37

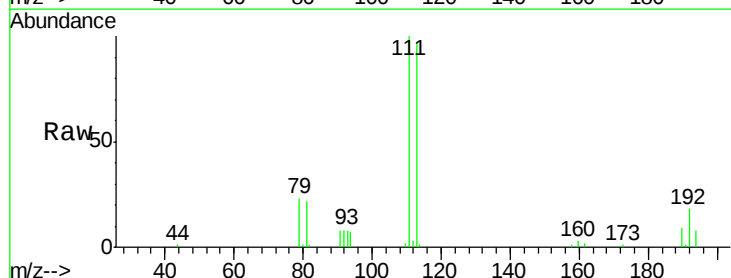
Tgt Ion:113 Resp: 53260

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

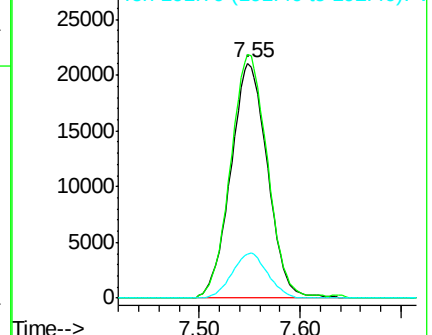
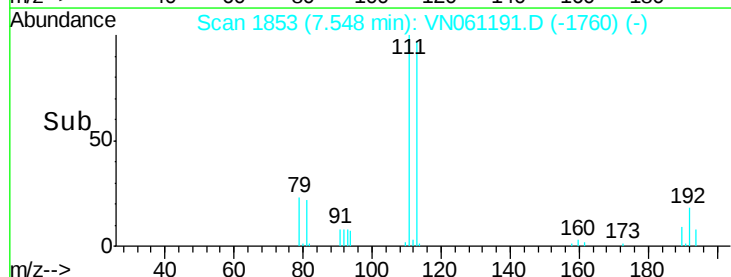
192 18.5 14.7 22.1

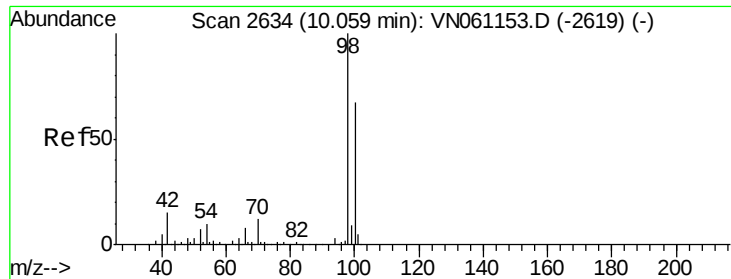


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.324 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VN061191.D

Acq: 29 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

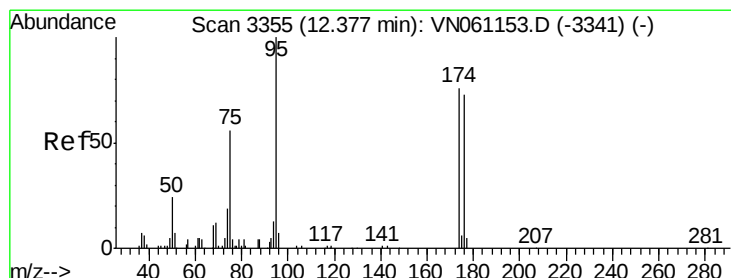
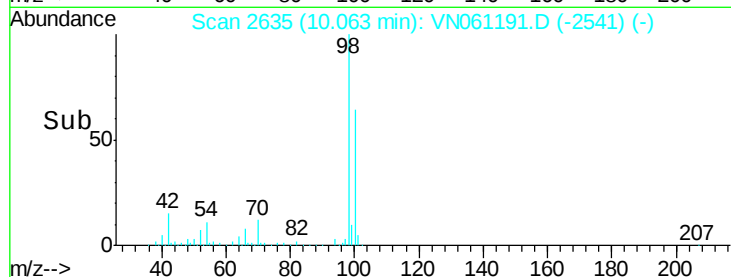
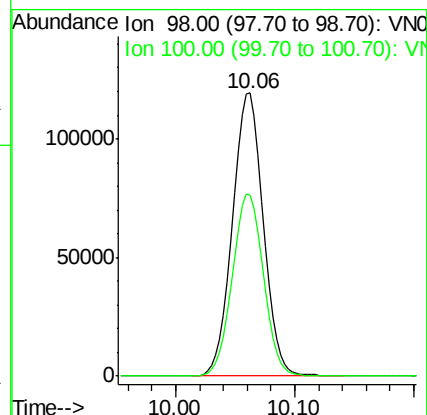
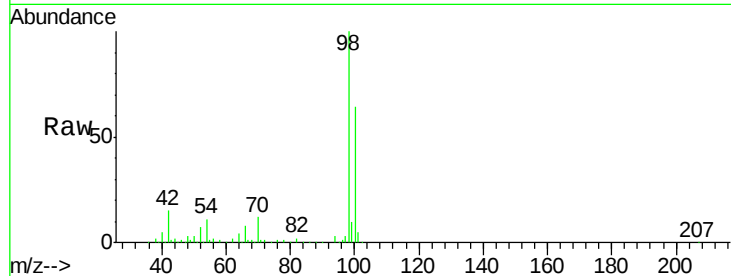
SS036MW014-200423

Tot Ion: 98 Resp: 214521

Ion Ratio Lower Upper

98 100

100 65.1 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 51.730 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061191.D

Acq: 29 Apr 2020 14:37

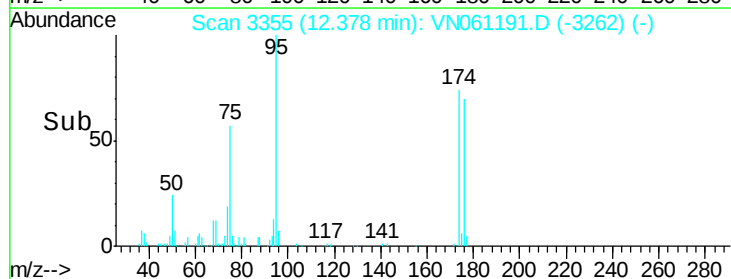
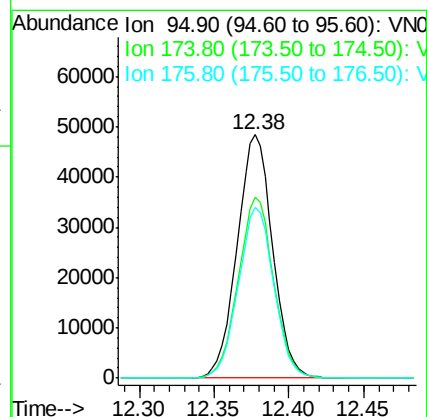
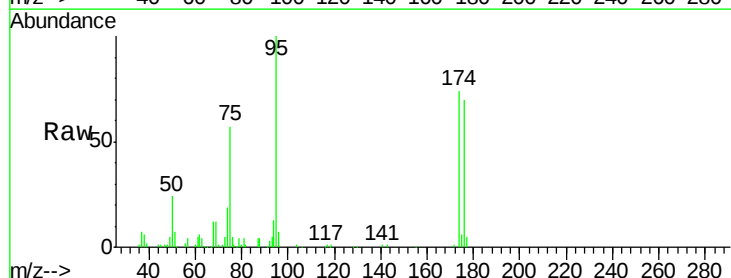
Tgt Ion: 95 Resp: 79811

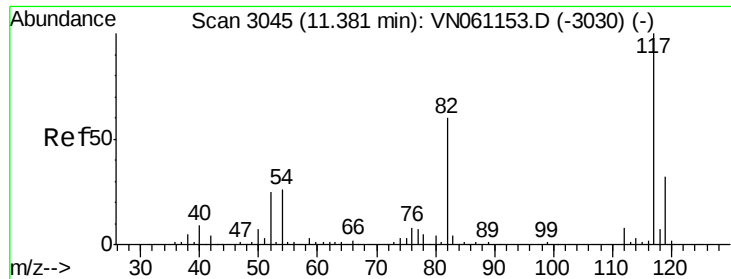
Ion Ratio Lower Upper

95 100

174 74.5 0.0 149.4

176 70.0 0.0 144.8

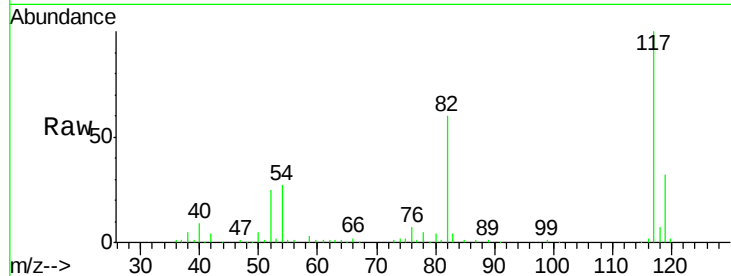




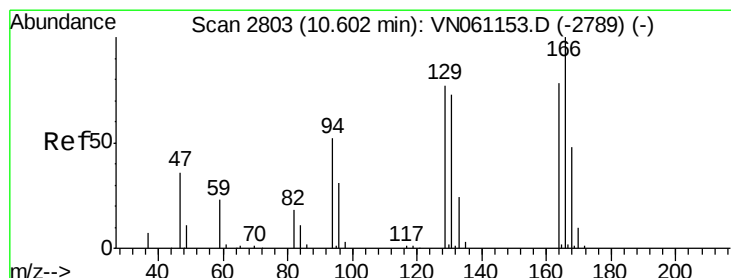
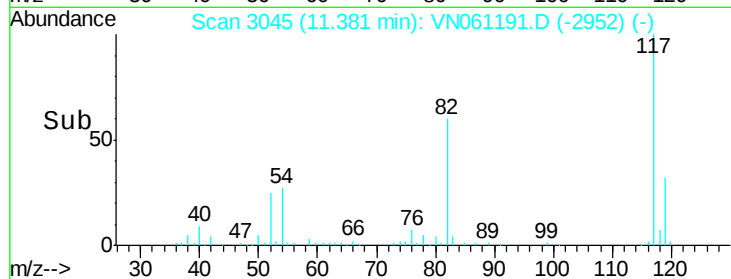
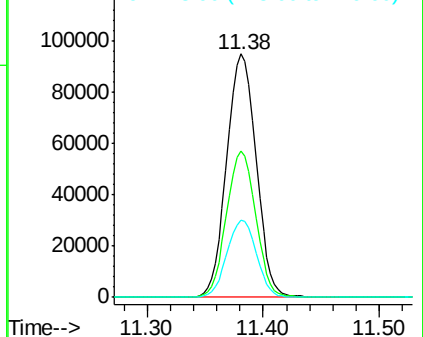
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061191.D
Acq: 29 Apr 2020 14:37

Instrument :
MSVOA_N
ClientSampleId :
SS036MW014-200423

Tot Ion:117 Resp: 166744
Ion Ratio Lower Upper
117 100
82 60.3 47.8 71.8
119 31.5 25.8 38.6

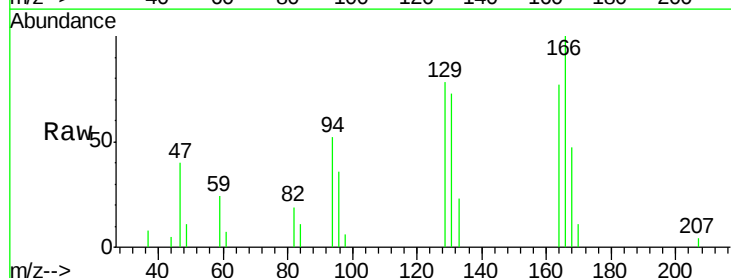


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

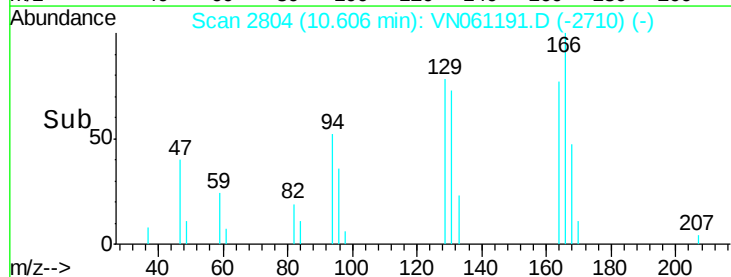
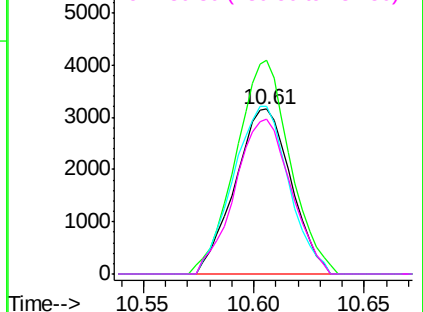


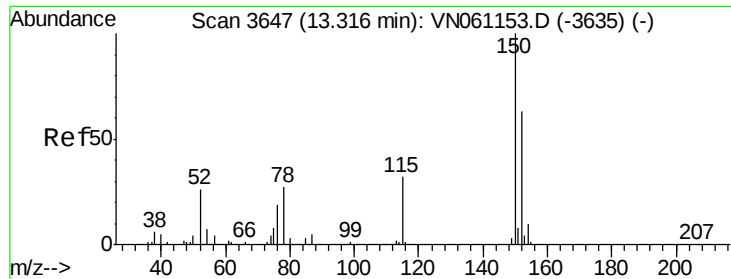
#64
Tetrachloroethene
Concen: 3.848 ug/l
RT: 10.61 min Scan# 2804
Delta R.T. 0.00 min
Lab File: VN061191.D
Acq: 29 Apr 2020 14:37

Tgt Ion:164 Resp: 5557
Ion Ratio Lower Upper
164 100
166 129.5 102.0 153.0
129 101.5 78.2 117.2
131 94.1 74.5 111.7



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: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061191.D

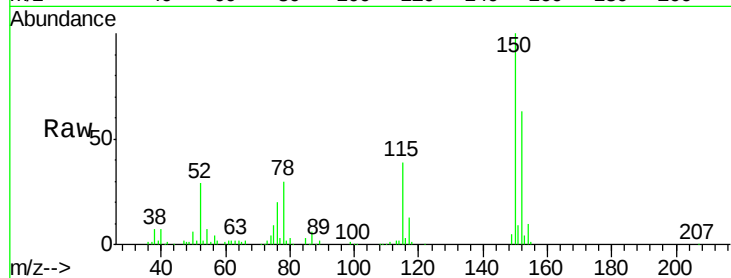
Acq: 29 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

SS036MW014-200423



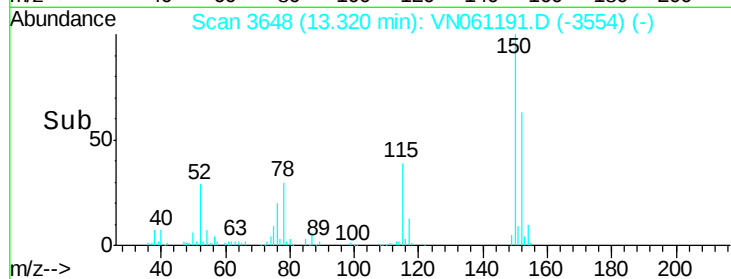
Tot Ion:152 Resp: 74268

Ion Ratio Lower Upper

152 100

115 62.0 31.0 93.0

150 156.7 0.0 351.8



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

