

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022120\
 Data File : VN060191.D
 Acq On : 21 Feb 2020 16:35
 Operator : JC/MD
 Sample : L1658-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Feb 21 23:21:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

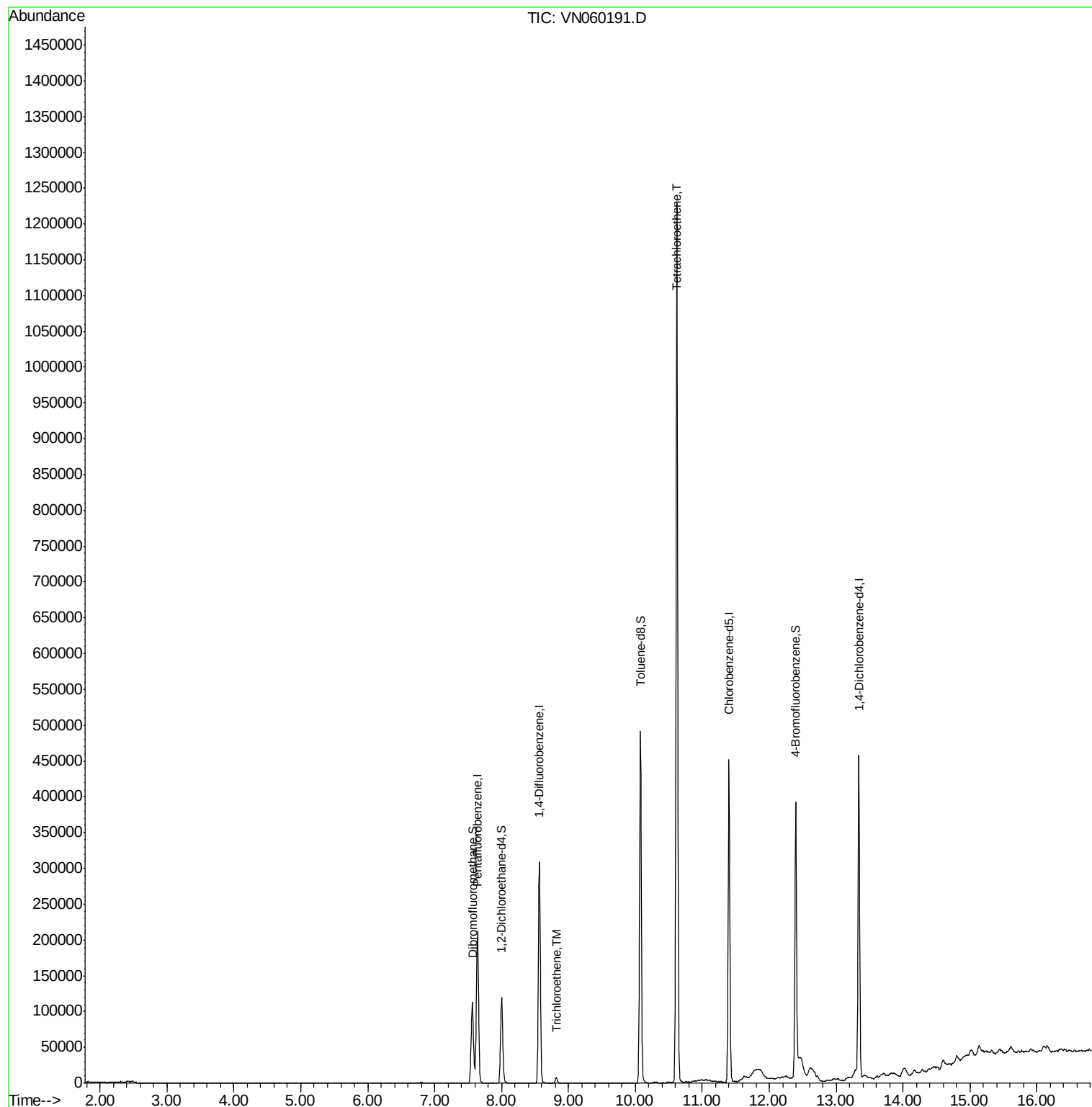
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	178789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	282958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	264063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	120919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	104090	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	7.56	113	84402	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
50) Toluene-d8	10.08	98	340265	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.40	95	124733	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
Target Compounds						
44) Trichloroethene	8.82	130	3344	1.553	ug/l	96
64) Tetrachloroethene	10.62	164	287759	143.351	ug/l	99

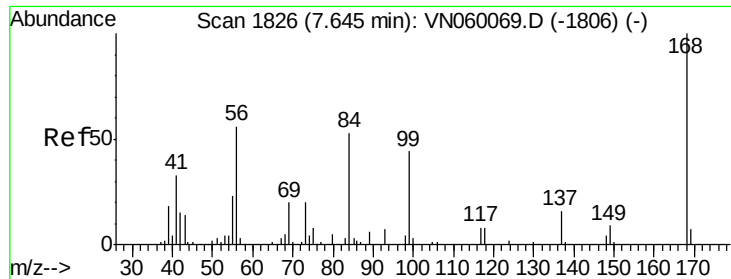
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 12 14:12:21 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060191.D

Acq: 21 Feb 2020 16:35

Instrument :

MSVOA_N

ClientSampled :

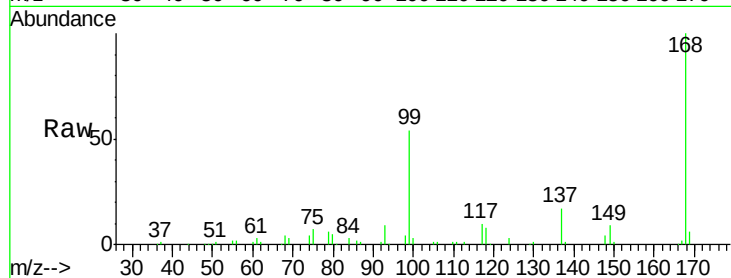
MW-2

Tot Ion:168 Resp: 178789

Ion Ratio Lower Upper

168 100

99 53.9 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

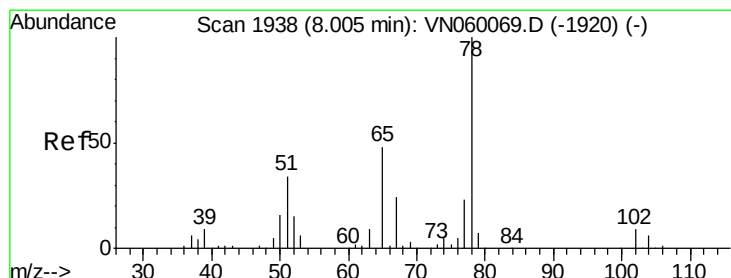
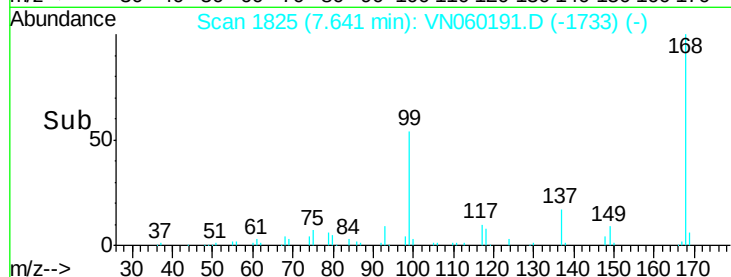
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.845 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060191.D

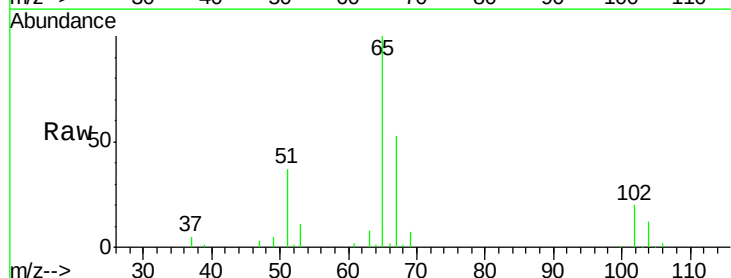
Acq: 21 Feb 2020 16:35

Tgt Ion: 65 Resp: 104090

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.00

50000

40000

30000

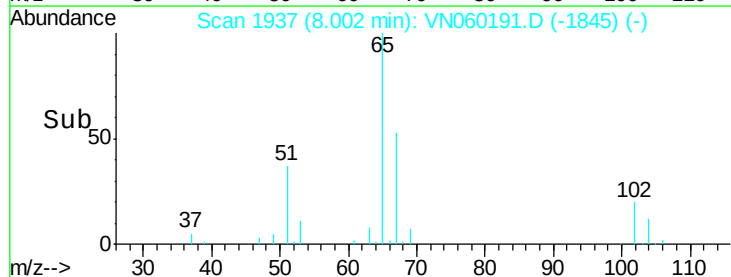
20000

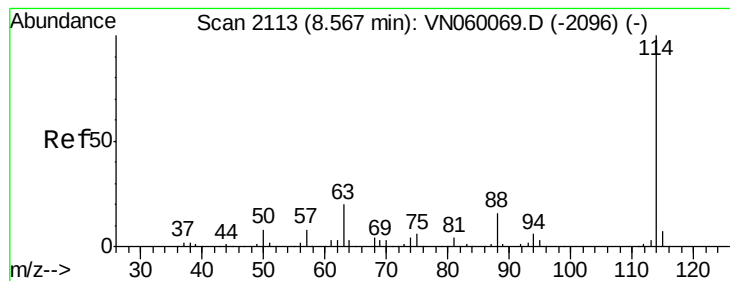
10000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060191.D

Acq: 21 Feb 2020 16:35

Instrument :

MSVOA_N

ClientSampleId :

MW-2

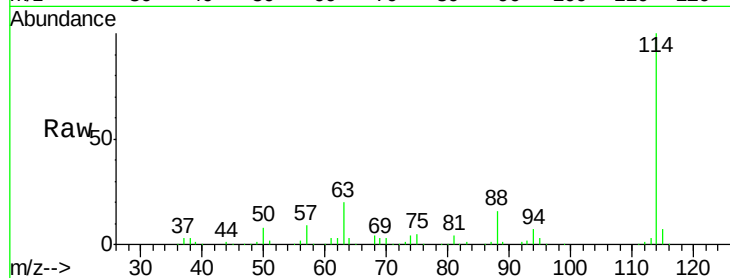
Tot Ion:114 Resp: 282958

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

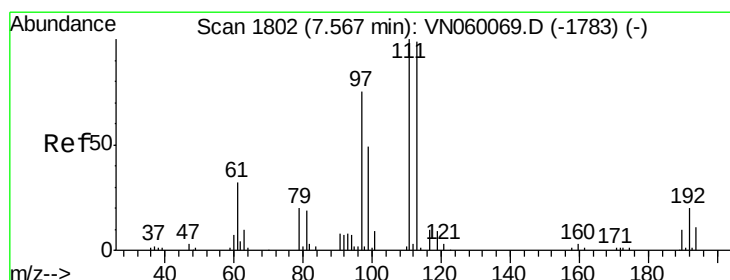
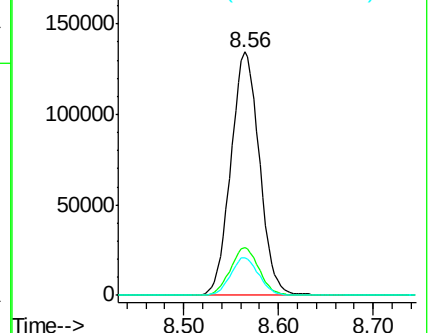
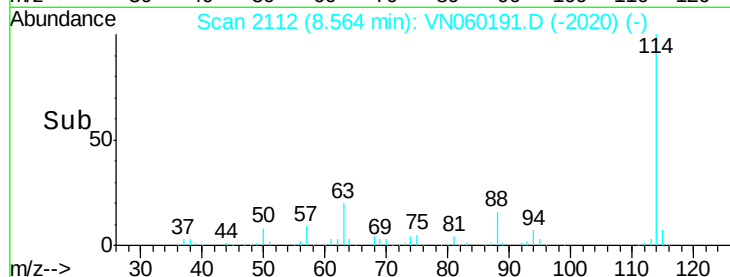
88 15.6 0.0 31.6



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: 48.525 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060191.D

Acq: 21 Feb 2020 16:35

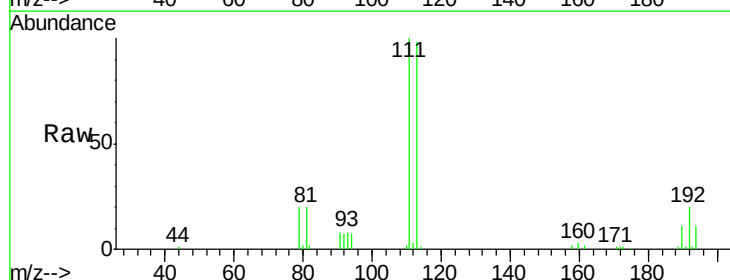
Tgt Ion:113 Resp: 84402

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.2

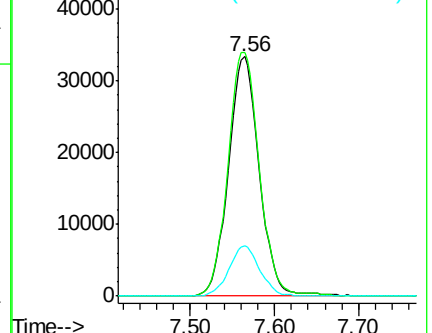
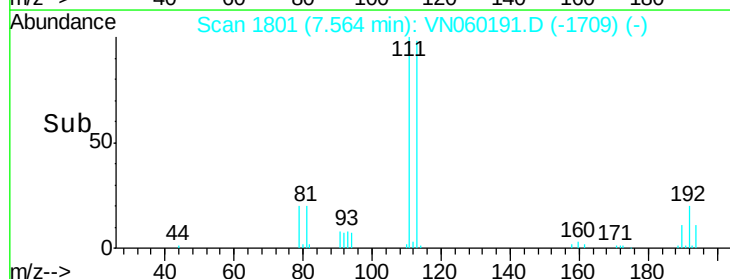
192 20.8 16.2 24.2

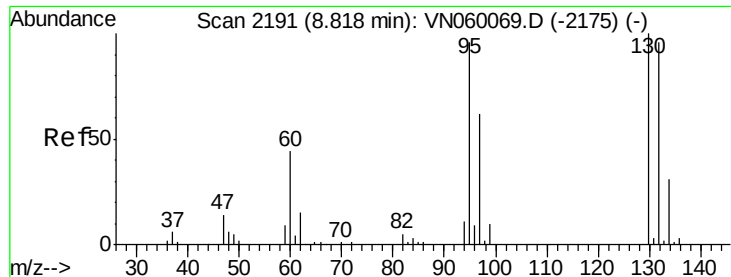


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.553 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060191.D

Acq: 21 Feb 2020 16:35

Instrument :

MSVOA_N

ClientSampleId :

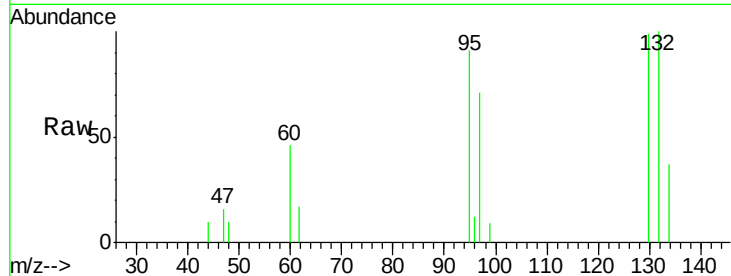
MW-2

Tot Ion:130 Resp: 3344

Ion Ratio Lower Upper

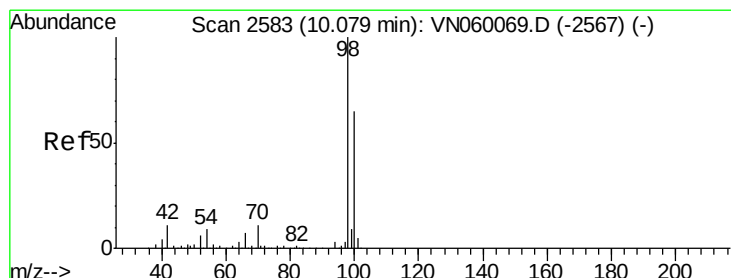
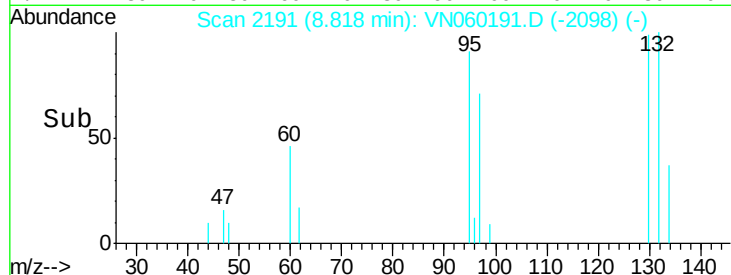
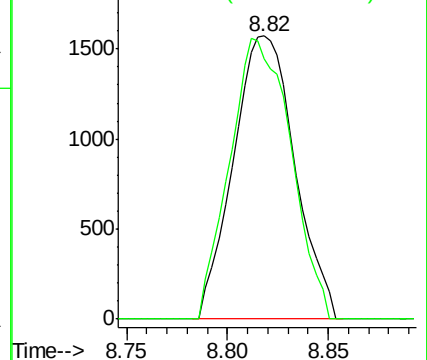
130 100

95 91.9 0.0 192.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 49.678 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060191.D

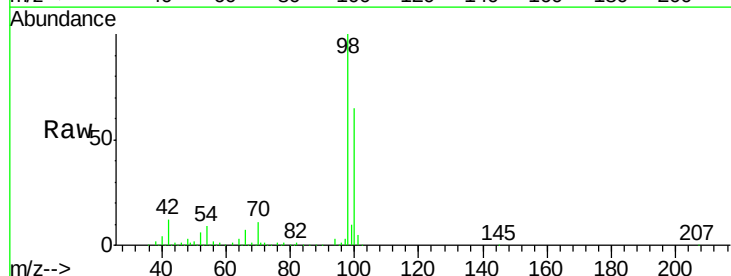
Acq: 21 Feb 2020 16:35

Tgt Ion: 98 Resp: 340265

Ion Ratio Lower Upper

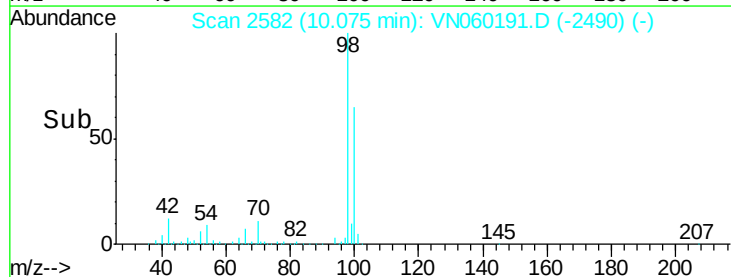
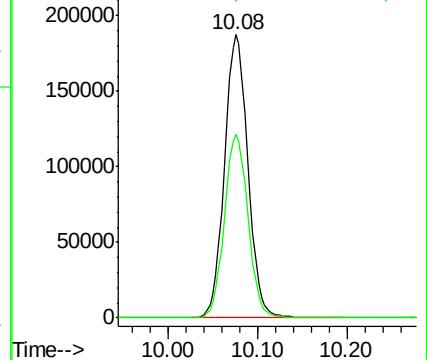
98 100

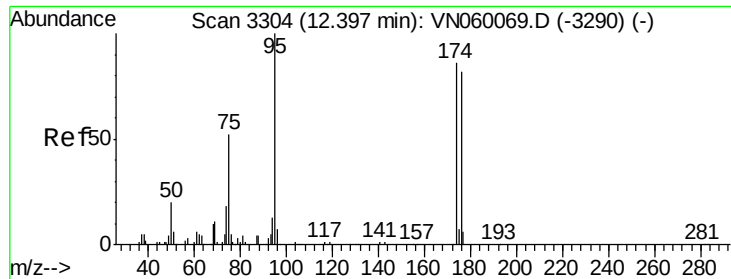
100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

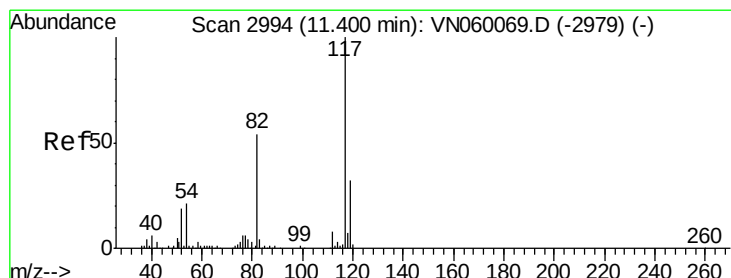
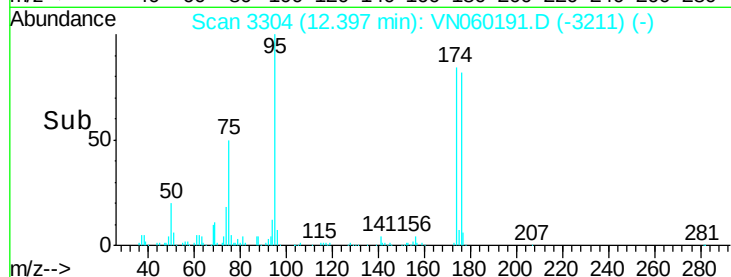
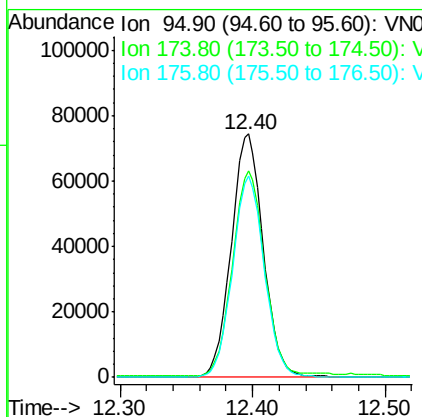
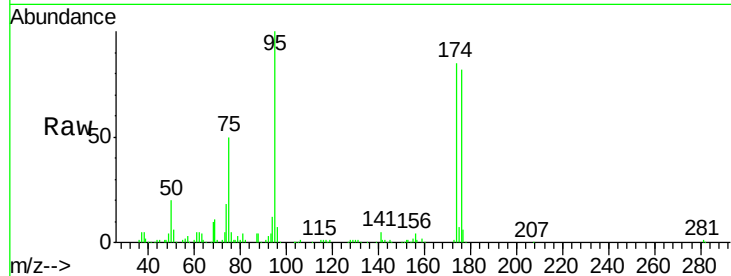




#62
4-Bromofluorobenzene
Concen: 49.559 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060191.D
Acq: 21 Feb 2020 16:35

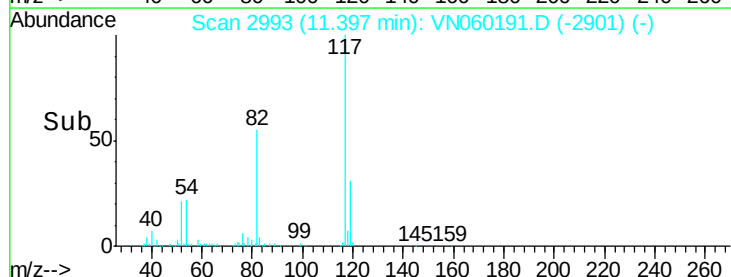
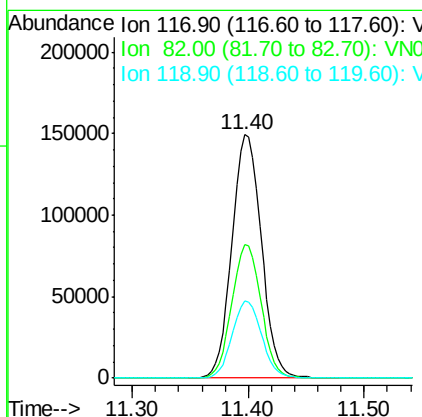
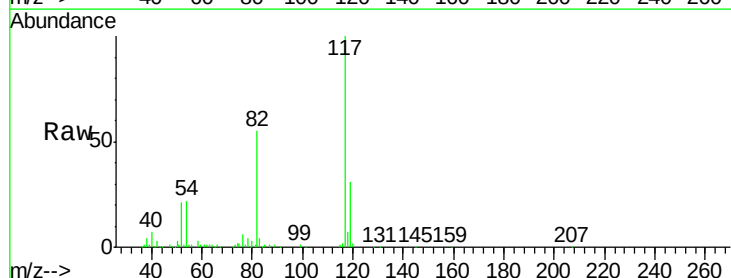
Instrument :
MSVOA_N
ClientSampleId :
MW-2

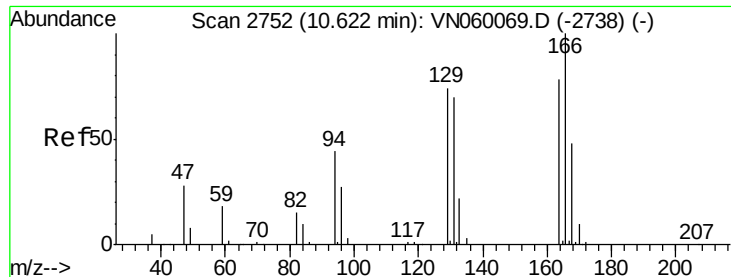
Tot Ion: 95 Resp: 124733
Ion Ratio Lower Upper
95 100
174 84.6 0.0 169.8
176 82.1 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060191.D
Acq: 21 Feb 2020 16:35

Tgt Ion: 117 Resp: 264063
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.5 25.8 38.6





#64

Tetrachloroethene

Concen: 143.351 ug/l

RT: 10.62 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VN060191.D

Acq: 21 Feb 2020 16:35

Instrument :

MSVOA_N

ClientSampleId :

MW-2

Tot Ion:164 Resp: 287759

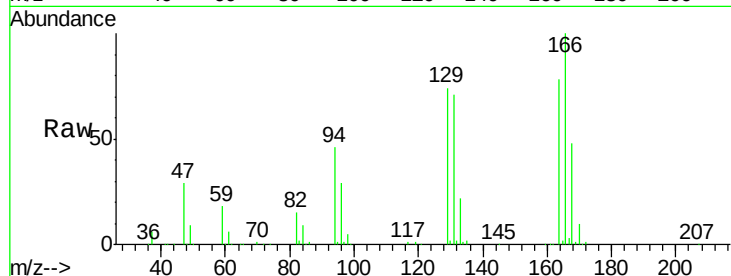
Ion Ratio Lower Upper

164 100

166 128.3 101.9 152.9

129 94.5 75.4 113.0

131 91.3 71.4 107.2

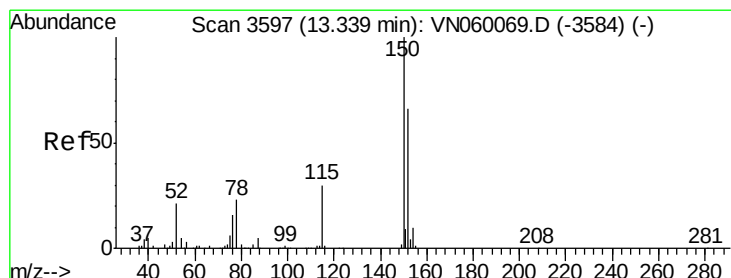
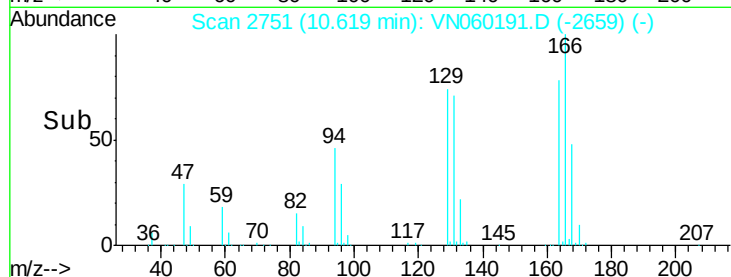
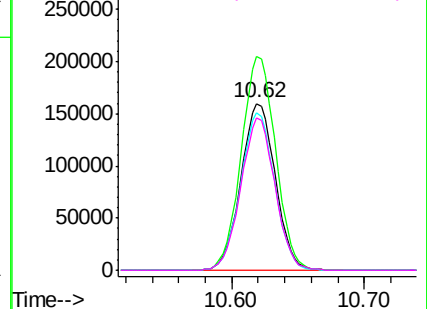


Abundance Ion 163.80 (163.50 to 164.50): V

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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060191.D

Acq: 21 Feb 2020 16:35

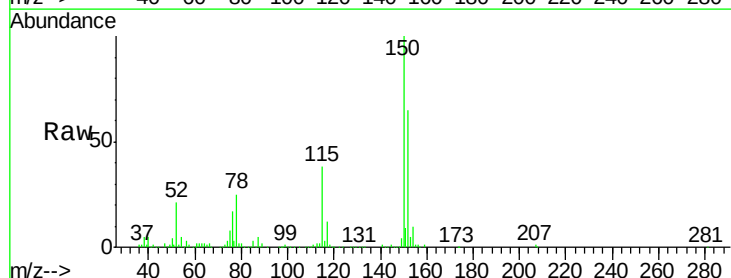
Tgt Ion:152 Resp: 120919

Ion Ratio Lower Upper

152 100

115 58.7 28.9 86.8

150 156.5 0.0 342.4



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

