

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063534.D
 Acq On : 22 Sep 2020 15:44
 Operator : JC/MD
 Sample : L4072-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-091720

Quant Time: Sep 23 04:28:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

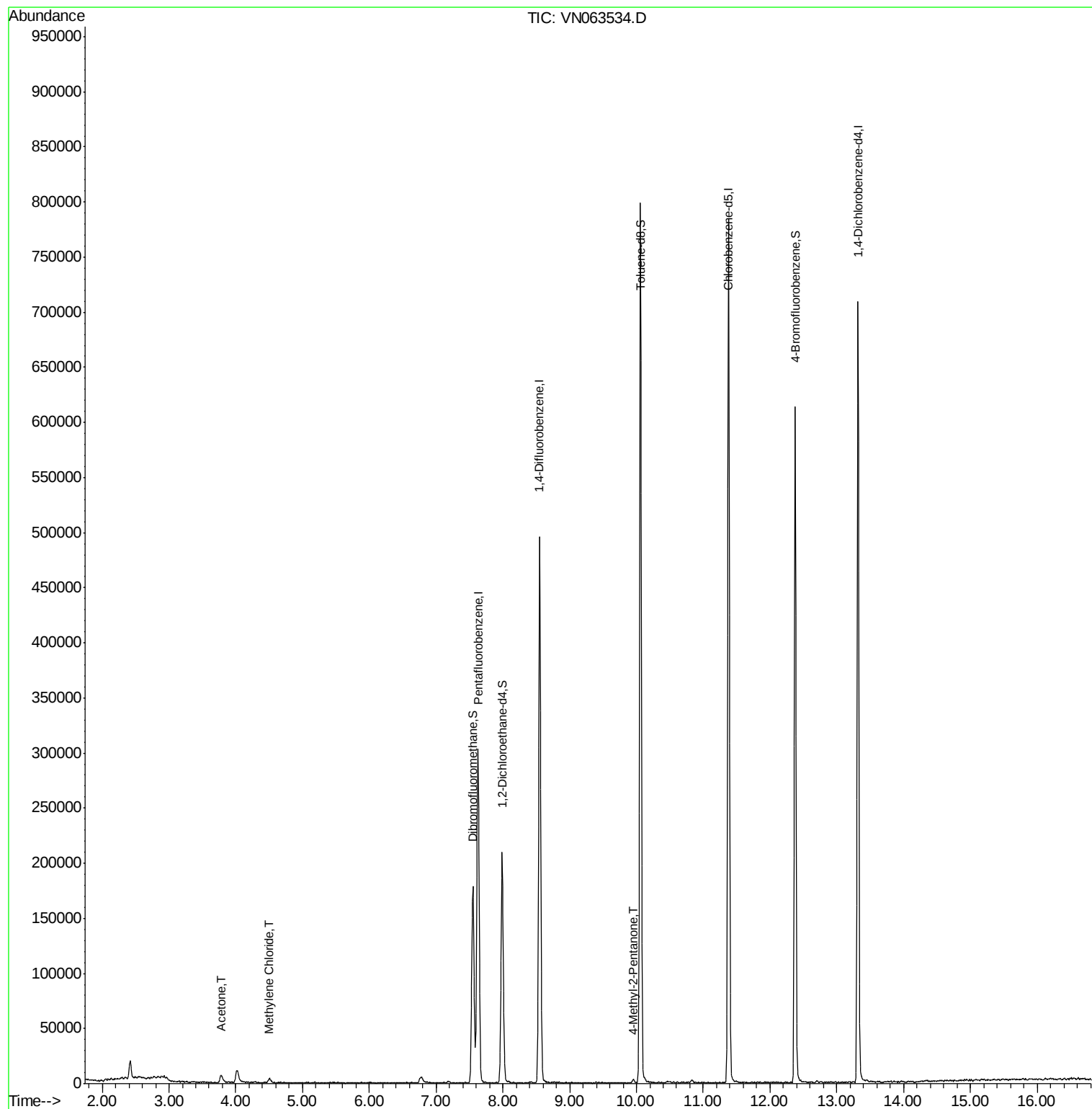
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	223258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	415842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	413429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	181351	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
35) Dibromofluoromethane	7.55	113	131102	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
50) Toluene-d8	10.06	98	525200	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.38	95	204999	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
Target Compounds						
16) Acetone	3.78	43	12270	10.046	ug/l	99
20) Methylene Chloride	4.51	84	2293	0.741	ug/l #	84
51) 4-Methyl-2-Pentanone	9.95	43	3023	0.695	ug/l #	83

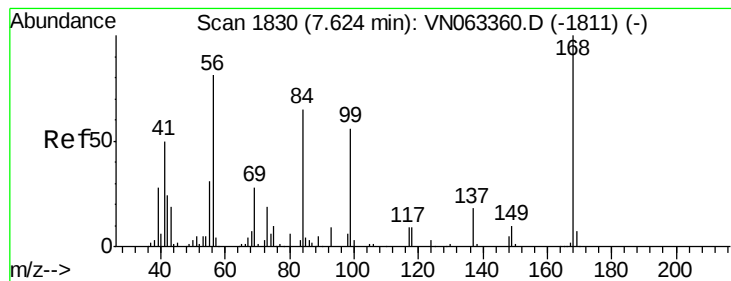
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063534.D

Acq: 22 Sep 2020 15:44

Instrument :

MSVOA_N

ClientSampled :

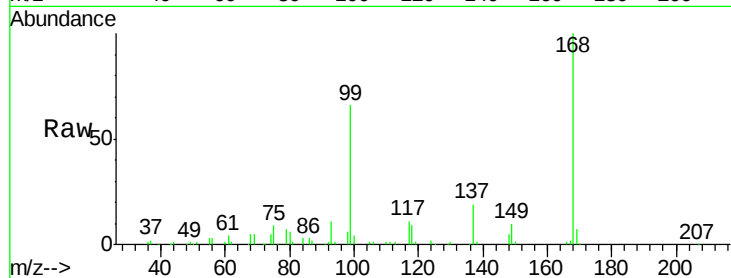
FB-091720

Tot Ion:168 Resp: 223258

Ion Ratio Lower Upper

168 100

99 65.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

60000

40000

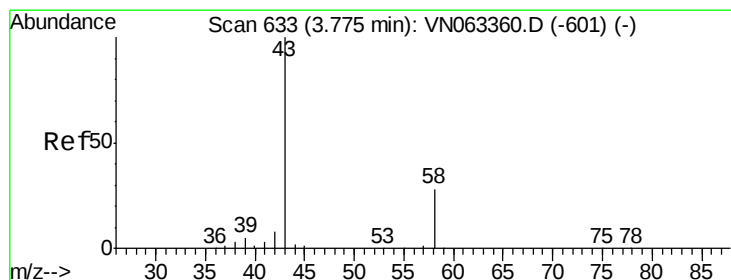
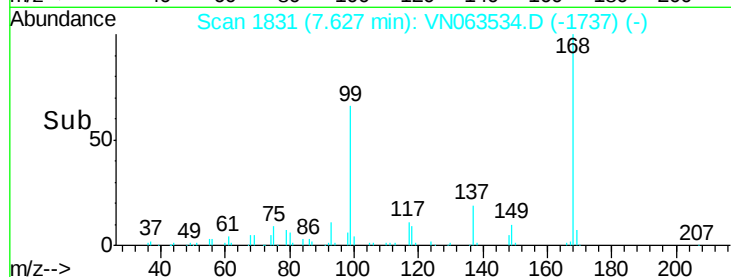
20000

0

Time--> 7.50

7.60

7.70



#16

Acetone

Concen: 10.046 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063534.D

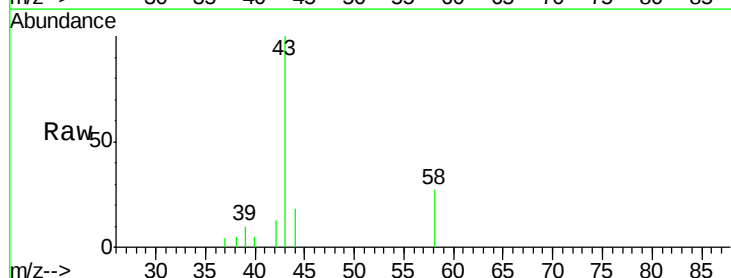
Acq: 22 Sep 2020 15:44

Tgt Ion: 43 Resp: 12270

Ion Ratio Lower Upper

43 100

58 27.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

4000

3000

2000

1000

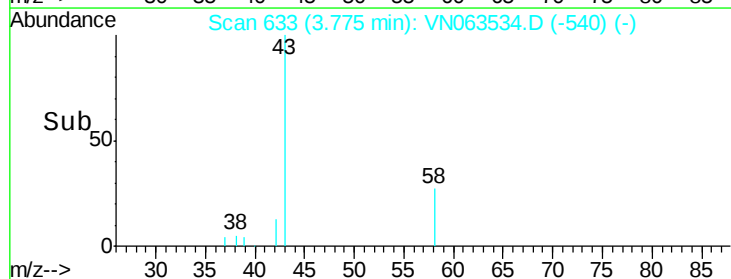
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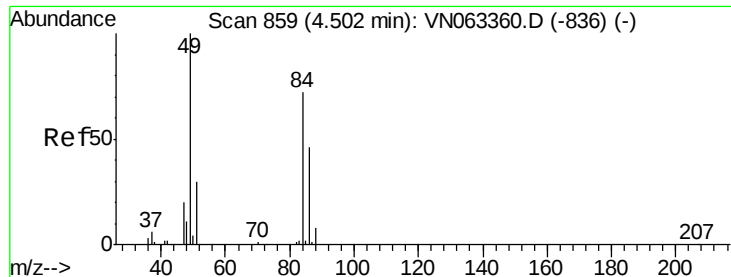
Time--> 3.70

3.75

3.80

3.85

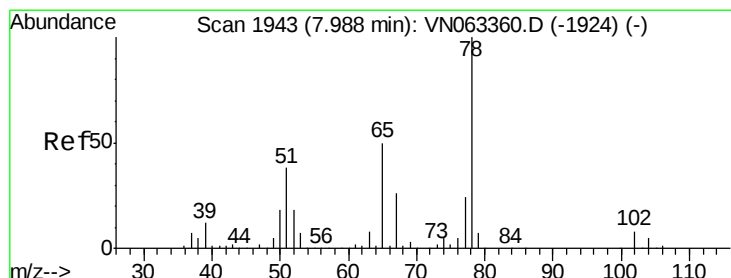
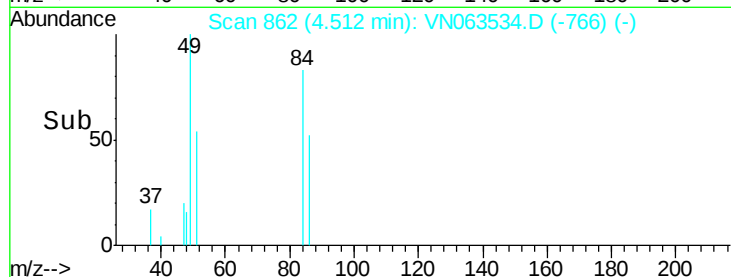
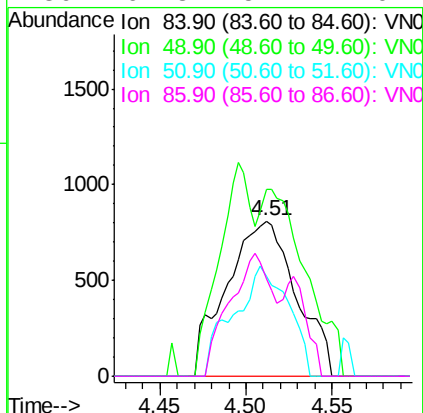
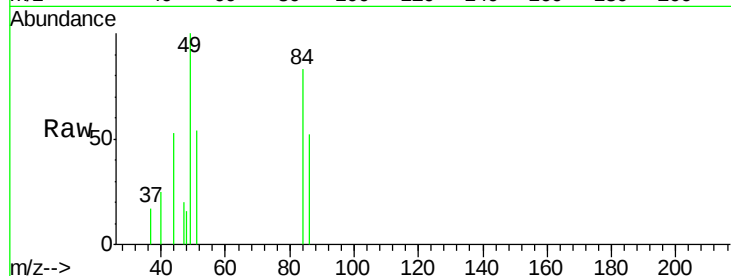




#20
Methylene Chloride
Concen: 0.741 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN063534.D
Acq: 22 Sep 2020 15:44

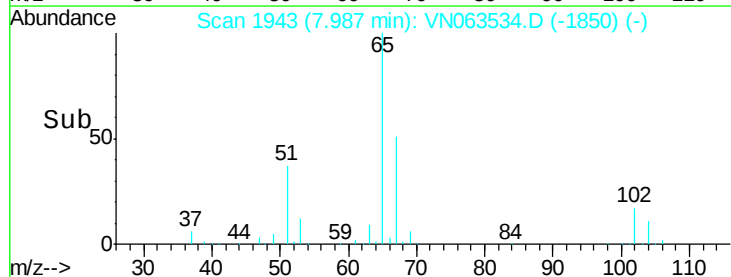
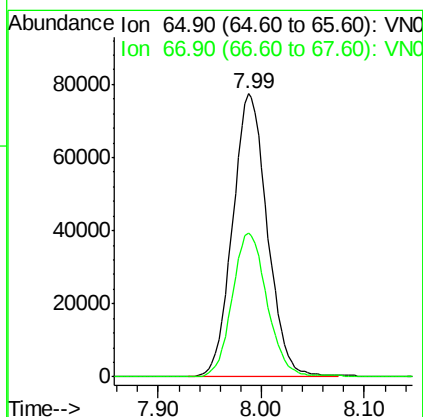
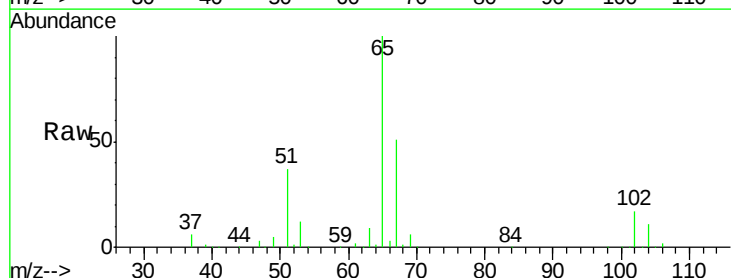
Instrument :
MSVOA_N
ClientSampleId :
FB-091720

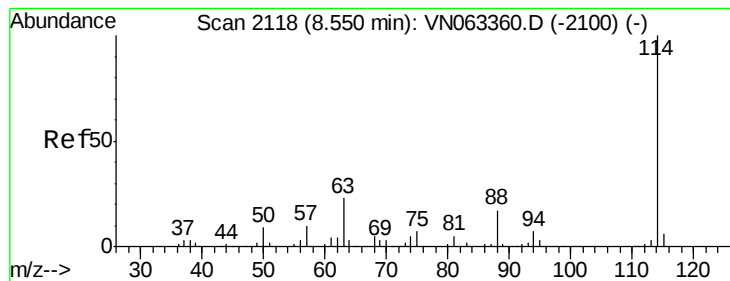
Tot Ion: 84 Resp: 2293
Ion Ratio Lower Upper
84 100
49 119.8 110.7 166.1
51 64.4 32.9 49.3#
86 62.3 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 47.718 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063534.D
Acq: 22 Sep 2020 15:44

Tgt Ion: 65 Resp: 181351
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063534.D

Acq: 22 Sep 2020 15:44

Instrument :

MSVOA_N

ClientSampled :

FB-091720

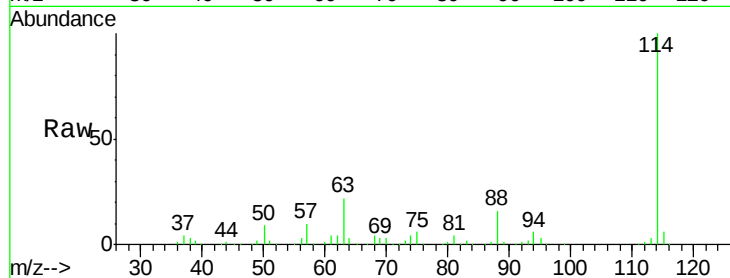
Tot Ion:114 Resp: 415842

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.4

88 16.4 0.0 33.2



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

250000

200000

150000

100000

50000

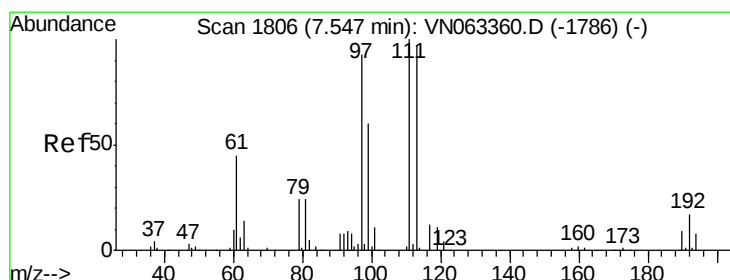
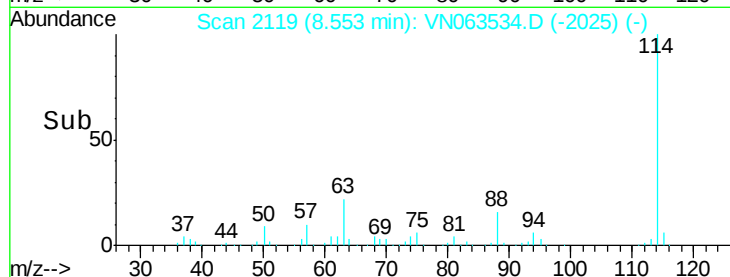
0

8.55

8.50

8.60

Time-->



#35

Dibromofluoromethane

Concen: 45.541 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063534.D

Acq: 22 Sep 2020 15:44

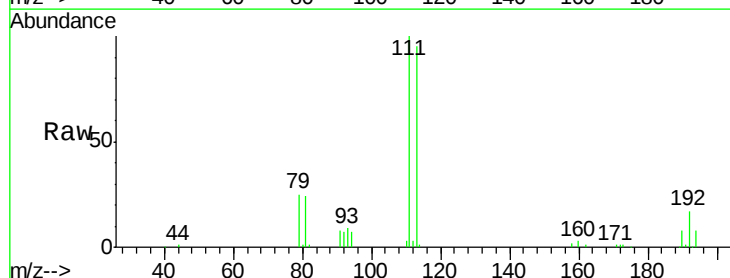
Tgt Ion:113 Resp: 131102

Ion Ratio Lower Upper

113 100

111 105.9 82.9 124.3

192 18.0 13.9 20.9



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

60000

40000

20000

0

7.55

7.45

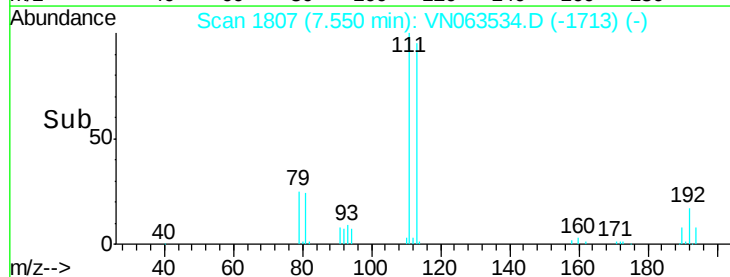
7.50

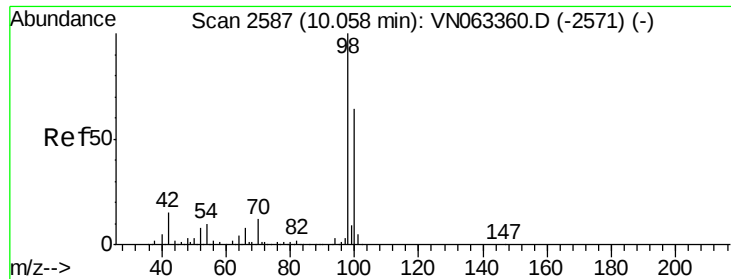
7.55

7.60

7.65

Time-->





#50

Toluene-d8

Concen: 48.518 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063534.D

Acq: 22 Sep 2020 15:44

Instrument :

MSVOA_N

ClientSampled :

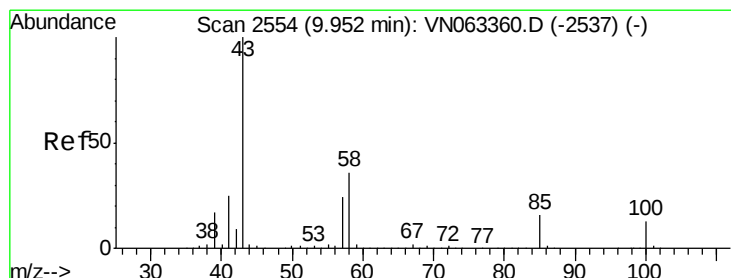
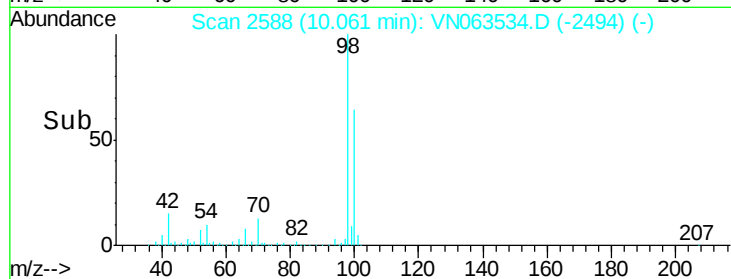
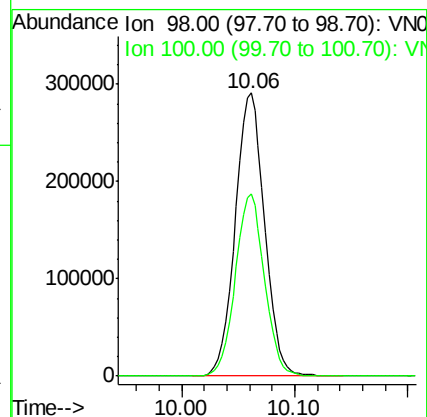
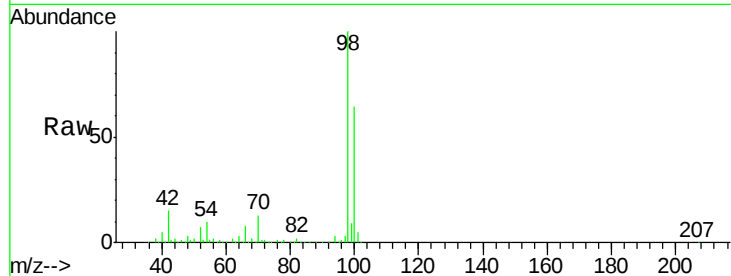
FB-091720

Tot Ion: 98 Resp: 525200

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.695 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063534.D

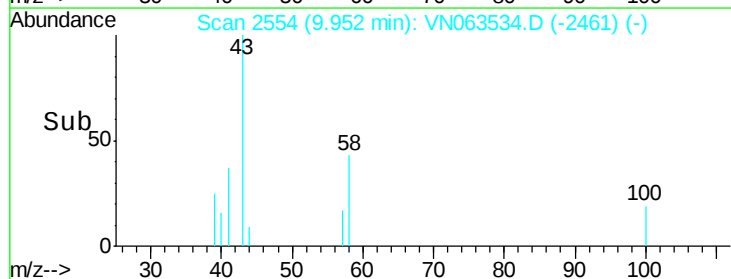
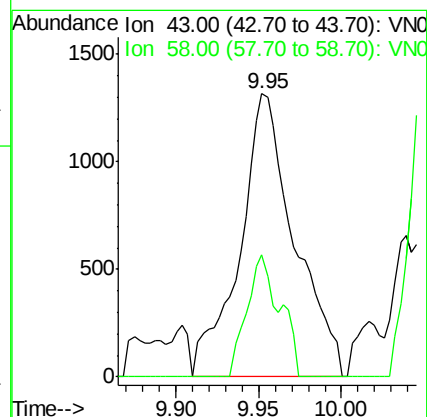
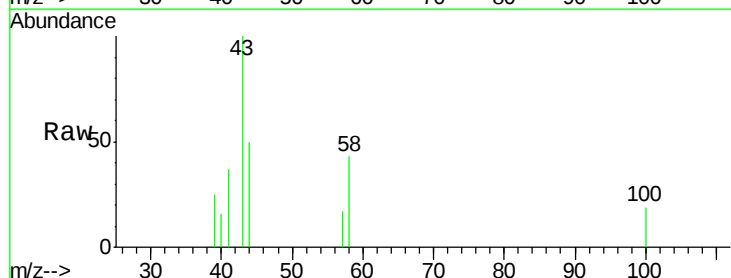
Acq: 22 Sep 2020 15:44

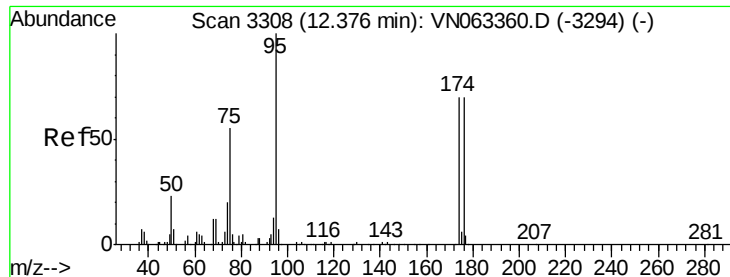
Tgt Ion: 43 Resp: 3023

Ion Ratio Lower Upper

43 100

58 26.1 29.0 43.6#





#62

4-Bromofluorobenzene

Concen: 51.661 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063534.D

Acq: 22 Sep 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

FB-091720

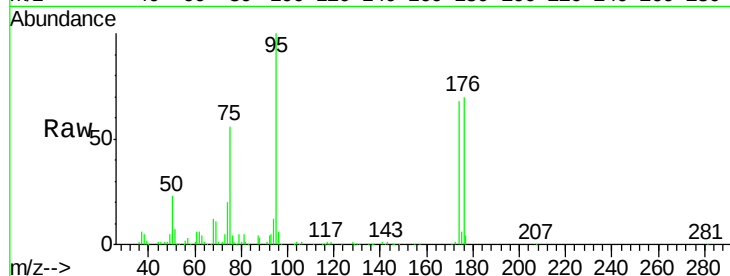
Tot Ion: 95 Resp: 204999

Ion Ratio Lower Upper

95 100

174 70.9 0.0 140.8

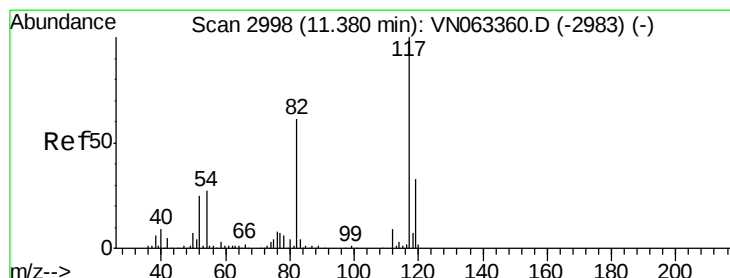
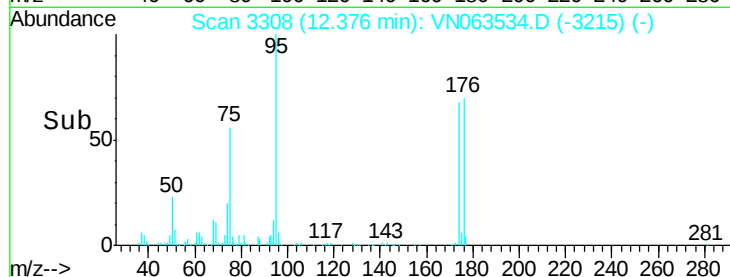
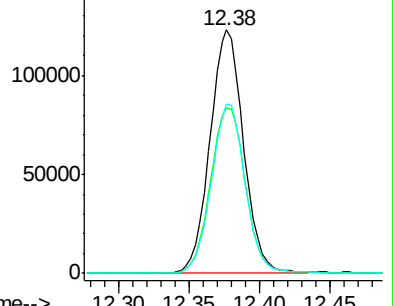
176 70.5 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063534.D

Acq: 22 Sep 2020 15:44

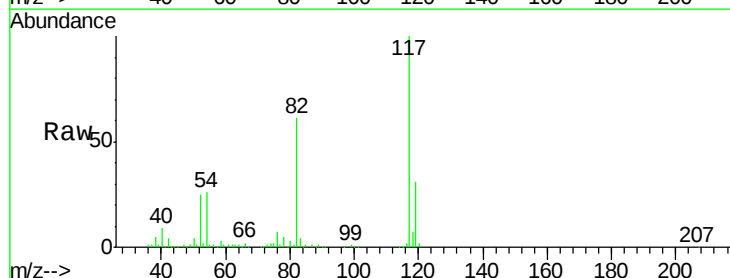
Tgt Ion: 117 Resp: 413429

Ion Ratio Lower Upper

117 100

82 61.0 49.2 73.8

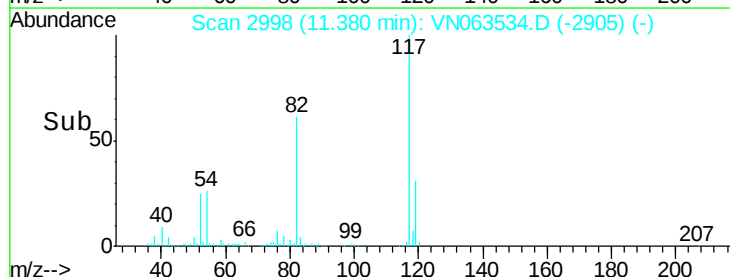
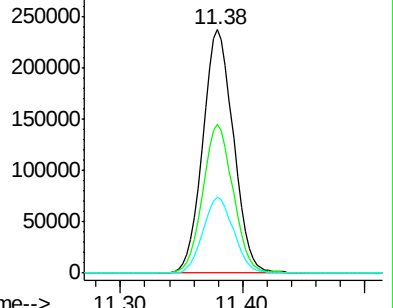
119 31.3 26.2 39.4

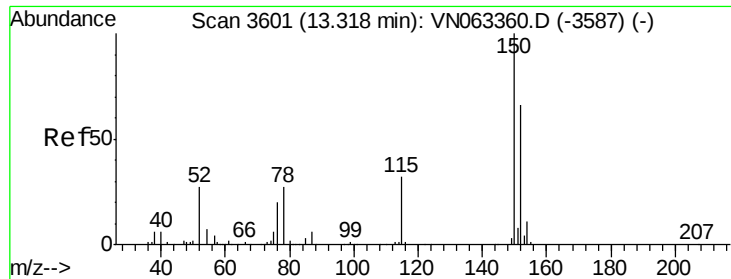


Abundance Ion 116.90 (116.60 to 117.60): VN063360.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063360.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063360.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063534.D

Acq: 22 Sep 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

FB-091720

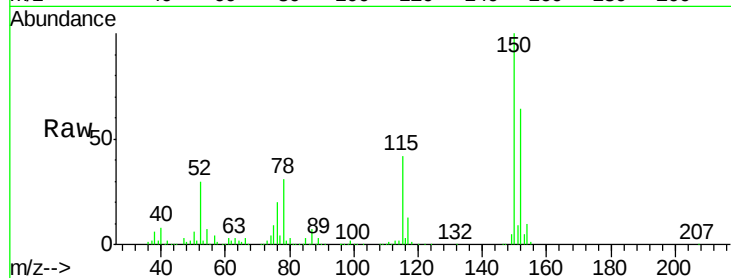
Tot Ion:152 Resp: 170053

Ion Ratio Lower Upper

152 100

115 64.5 32.2 96.6

150 158.9 0.0 343.4



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

