

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062188.D
 Acq On : 29 Jun 2020 15:17
 Operator : JC/MD
 Sample : L3088-01DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 08BR-20200622DL

Quant Time: Jun 30 05:04:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

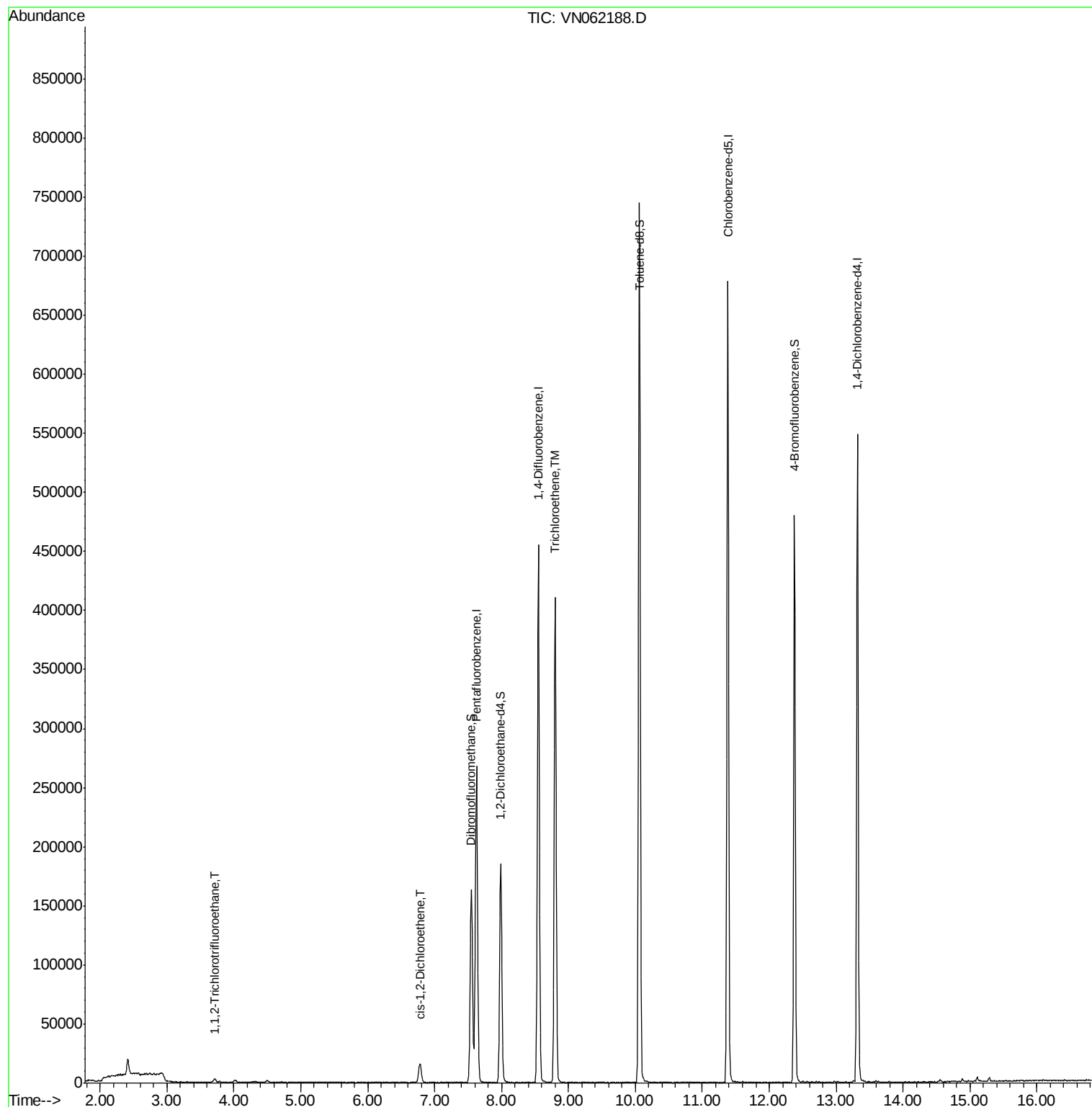
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	212165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	389317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	146375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	155096	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
35) Dibromofluoromethane	7.55	113	127644	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	10.06	98	515539	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.38	95	169630	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1790	0.735	ug/l #	77
27) cis-1,2-Dichloroethene	6.79	96	8963	2.870	ug/l	88
44) Trichloroethene	8.80	130	152087	48.494	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062920\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062188.D

Acq: 29 Jun 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

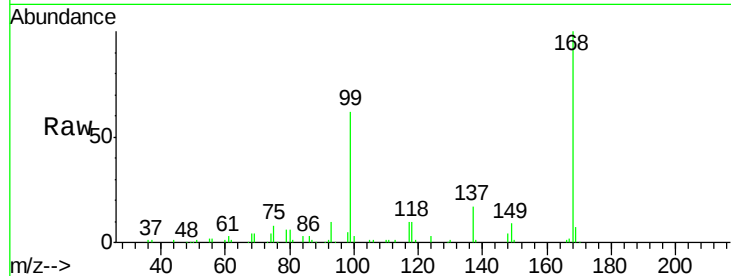
08BR-20200622DL

Tot Ion:168 Resp: 212165

Ion Ratio Lower Upper

168 100

99 61.9 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

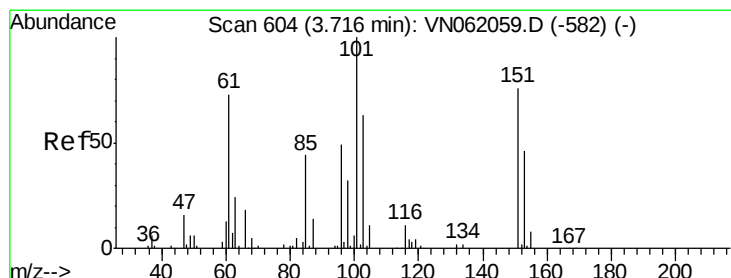
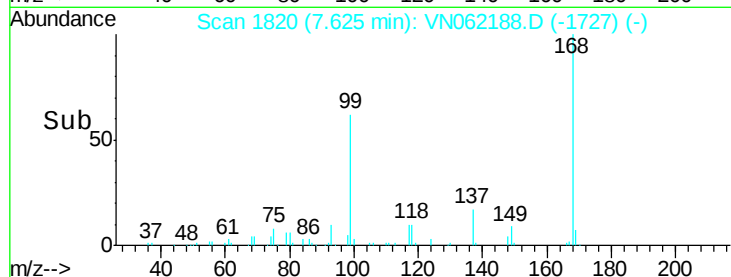
40000

20000

0

7.50 7.60 7.70

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.735 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062188.D

Acq: 29 Jun 2020 15:17

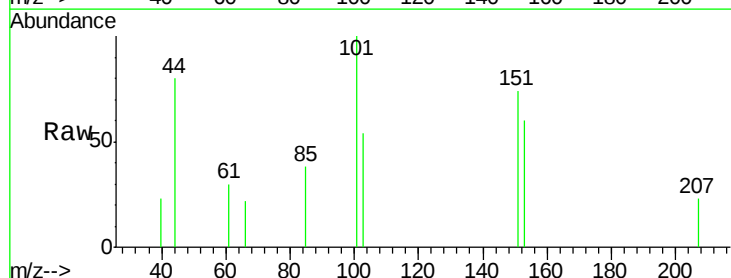
Tgt Ion:101 Resp: 1790

Ion Ratio Lower Upper

101 100

85 21.6 34.5 51.7#

151 58.7 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.72

800

600

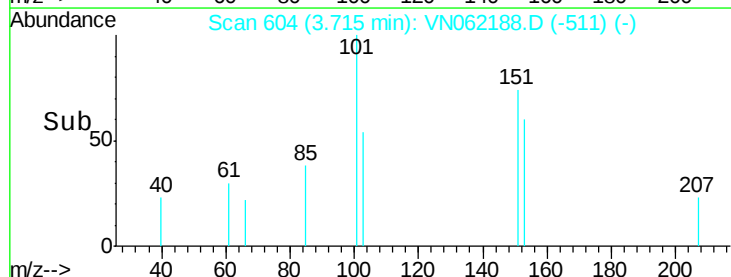
400

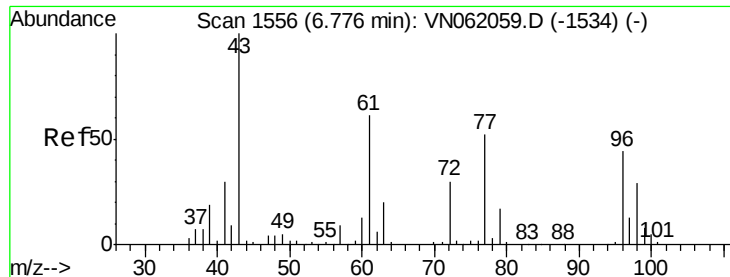
200

0

3.65 3.70 3.75

Time-->





#27

cis-1,2-Dichloroethene

Concen: 2.870 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VN062188.D

Acq: 29 Jun 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

08BR-20200622DL

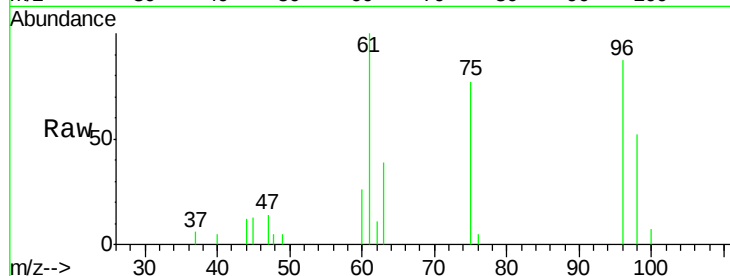
Tot Ion: 96 Resp: 8963

Ion Ratio Lower Upper

96 100

61 120.5 0.0 280.4

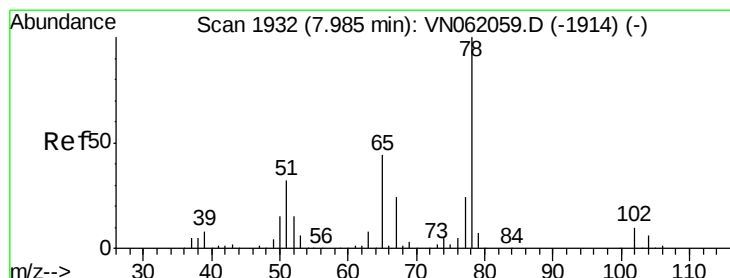
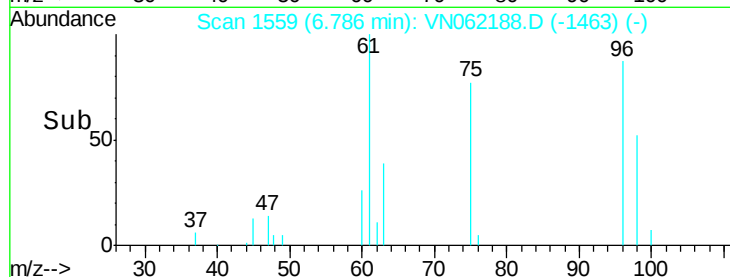
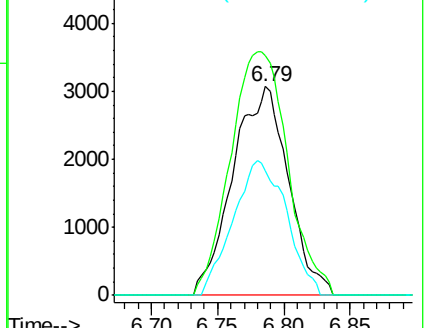
98 61.8 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.091 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062188.D

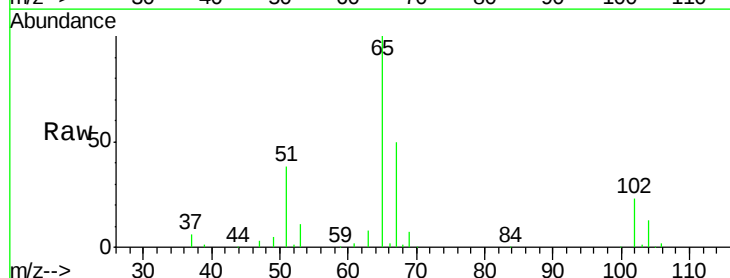
Acq: 29 Jun 2020 15:17

Tgt Ion: 65 Resp: 155096

Ion Ratio Lower Upper

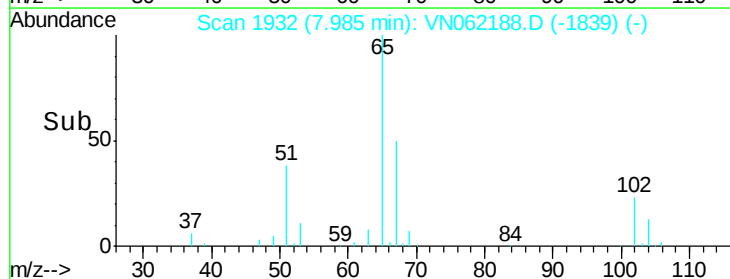
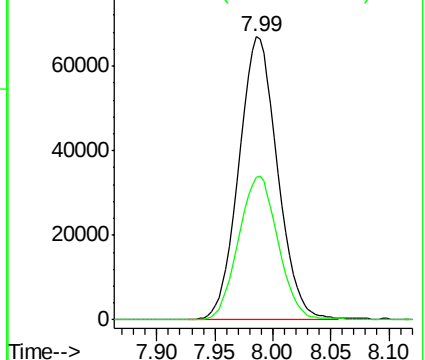
65 100

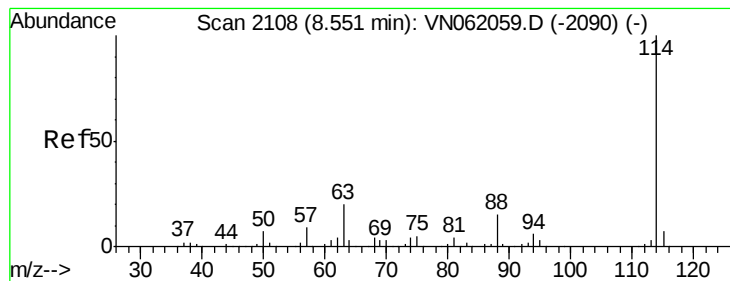
67 51.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062059.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062059.D (-1914) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062188.D

Acq: 29 Jun 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

08BR-20200622DL

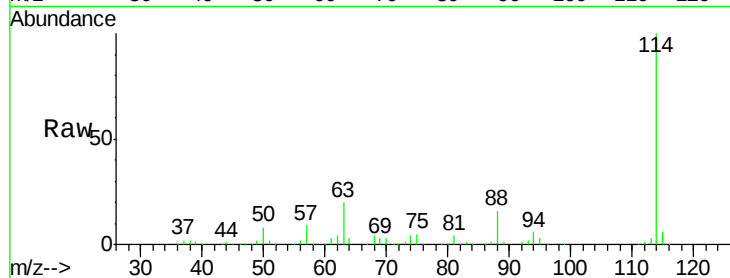
Tot Ion:114 Resp: 405811

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

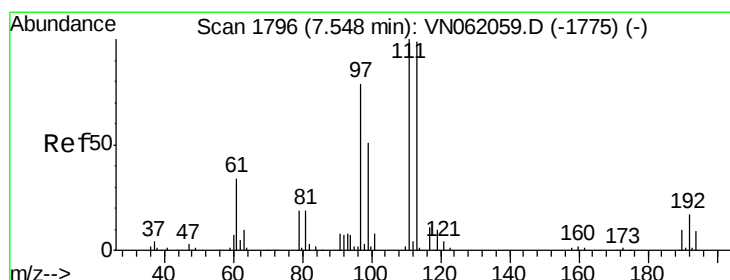
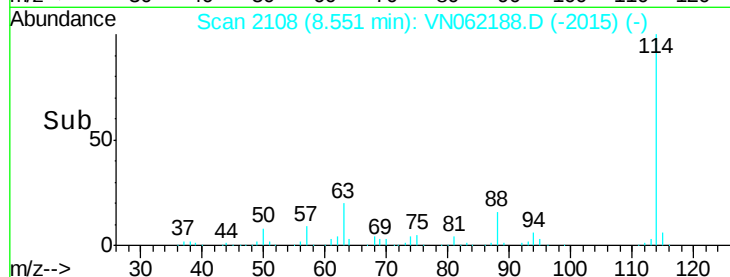
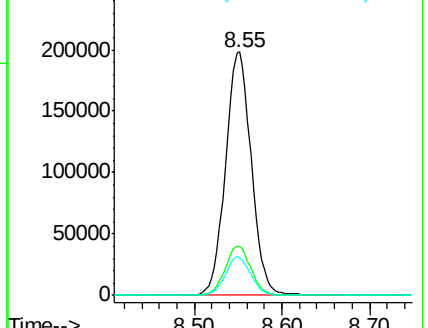
88 15.7 0.0 30.8



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: 49.028 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062188.D

Acq: 29 Jun 2020 15:17

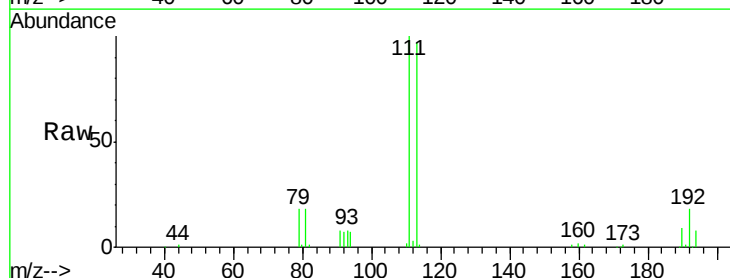
Tgt Ion:113 Resp: 127644

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

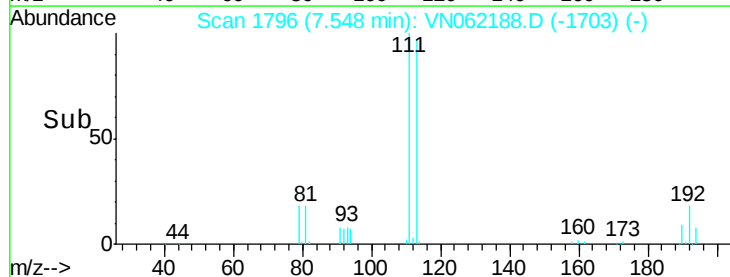
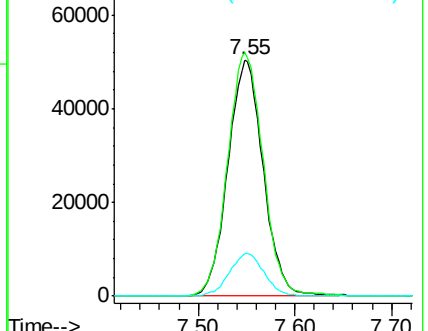
192 17.7 14.0 21.0

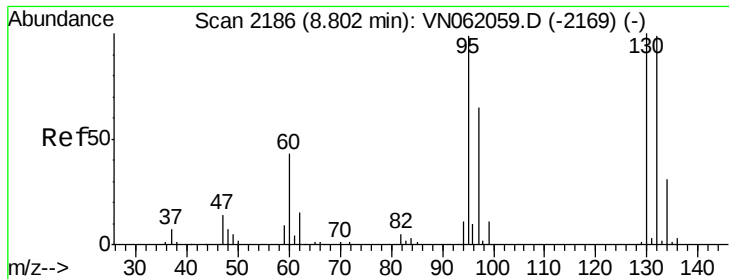


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 48.494 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062188.D

Acq: 29 Jun 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

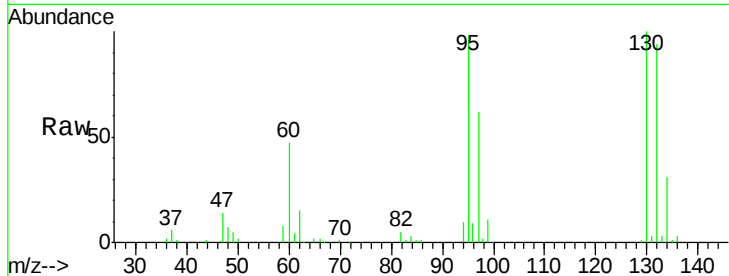
08BR-20200622DL

Tot Ion:130 Resp: 152087

Ion Ratio Lower Upper

130 100

95 98.4 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

80000

60000

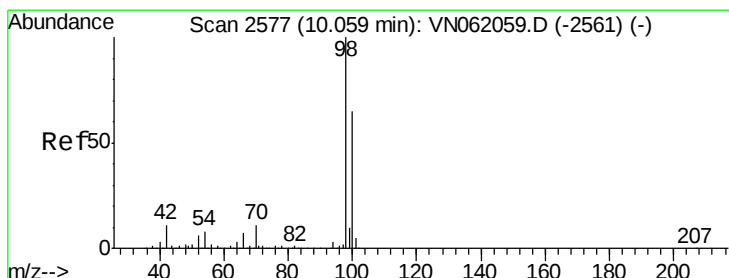
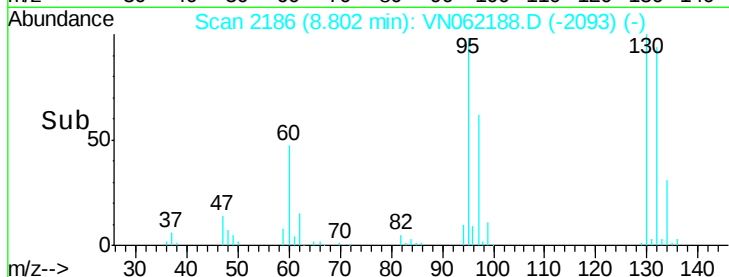
40000

20000

0

Time-->

8.70 8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: 49.538 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062188.D

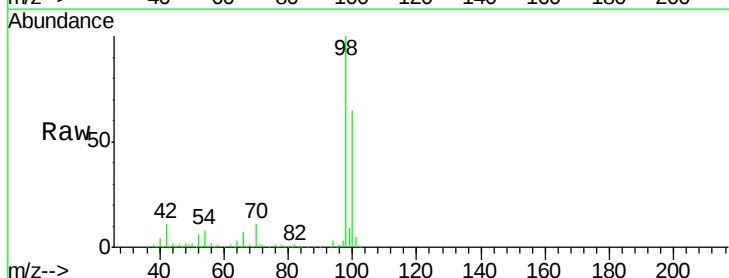
Acq: 29 Jun 2020 15:17

Tgt Ion: 98 Resp: 515539

Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.06

300000

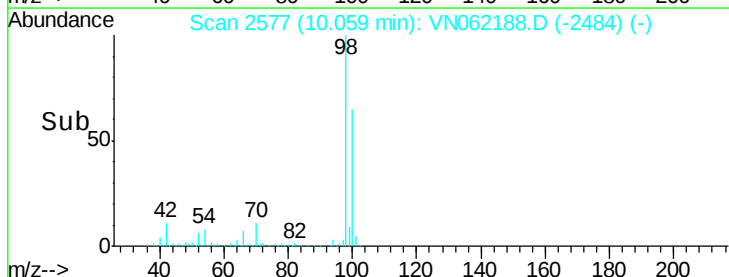
200000

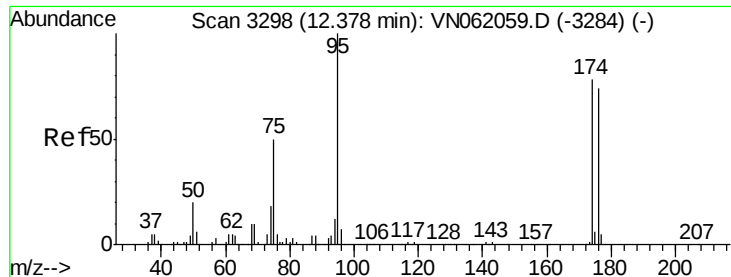
100000

0

Time-->

10.00 10.05 10.10

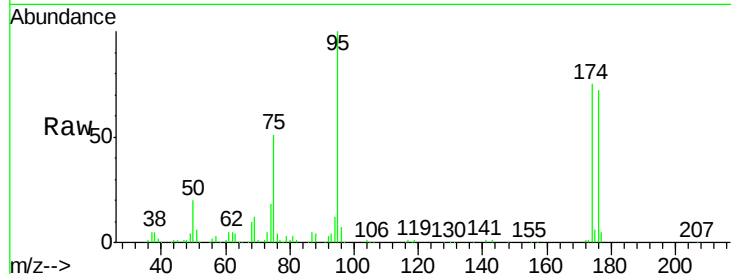




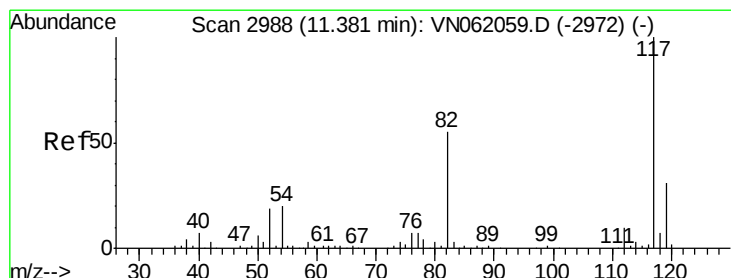
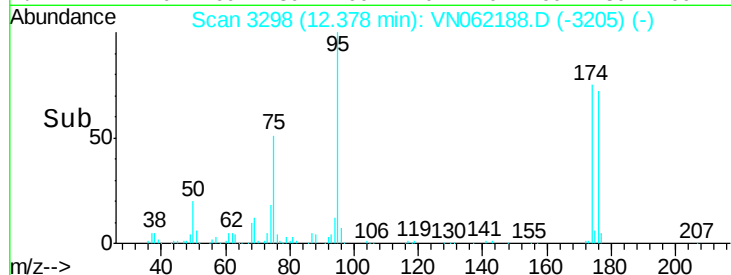
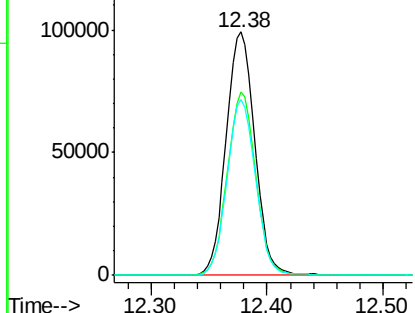
#62
4-Bromofluorobenzene
Concen: 48.244 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062188.D
Acq: 29 Jun 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
08BR-20200622DL

Tot Ion: 95 Resp: 169630
Ion Ratio Lower Upper
95 100
174 74.6 0.0 154.8
176 71.5 0.0 147.4

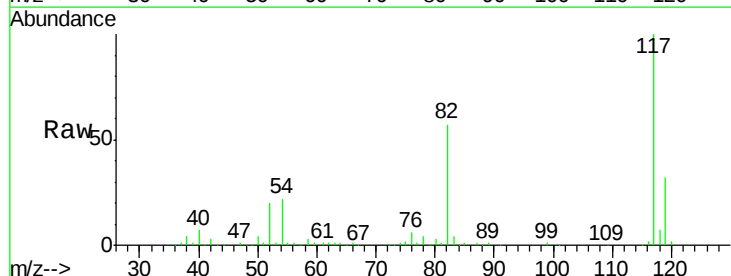


Abundance Ion 94.90 (94.60 to 95.60): VN062188.D (-3205) (-)
Ion 173.80 (173.50 to 174.50): VN062188.D (-3205) (-)
Ion 175.80 (175.50 to 176.50): VN062188.D (-3205) (-)

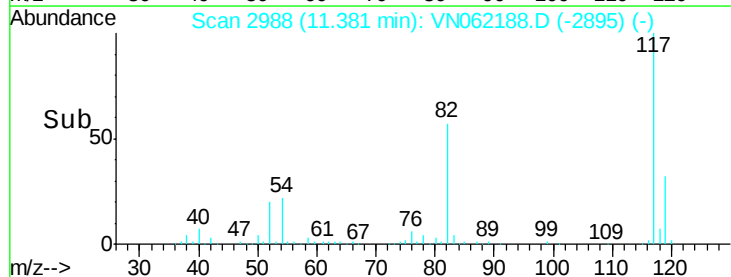
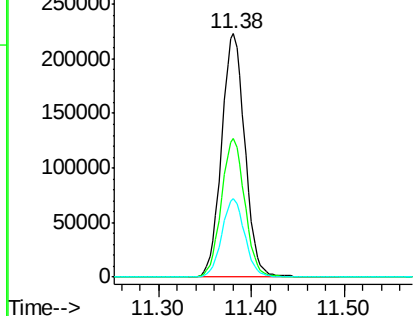


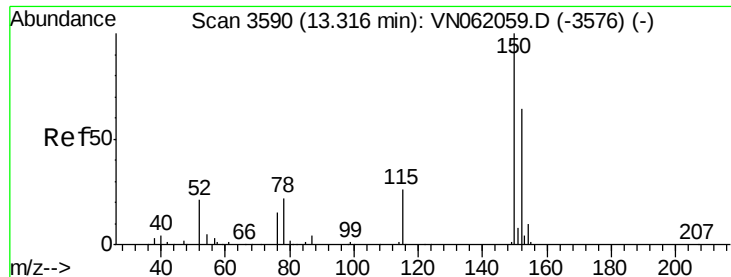
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062188.D
Acq: 29 Jun 2020 15:17

Tgt Ion: 117 Resp: 389317
Ion Ratio Lower Upper
117 100
82 56.7 43.8 65.8
119 32.3 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VN062188.D (-2895) (-)
Ion 82.00 (81.70 to 82.70): VN062188.D (-2895) (-)
Ion 118.90 (118.60 to 119.60): VN062188.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062188.D

Acq: 29 Jun 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

08BR-20200622DL

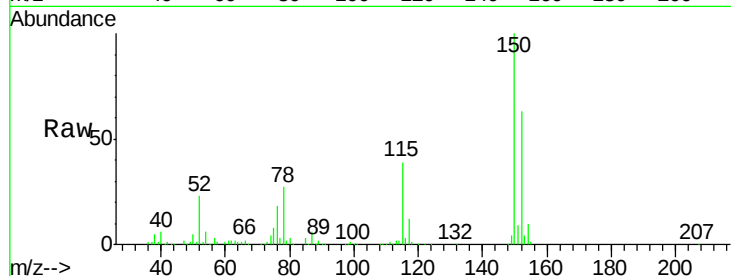
Tot Ion:152 Resp: 146375

Ion Ratio Lower Upper

152 100

115 59.1 29.5 88.5

150 156.8 0.0 351.4



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

