

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062709.D
 Acq On : 1 Aug 2020 1:34
 Operator : JC/MD
 Sample : L3518-31
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

Quant Time: Aug 01 06:36:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

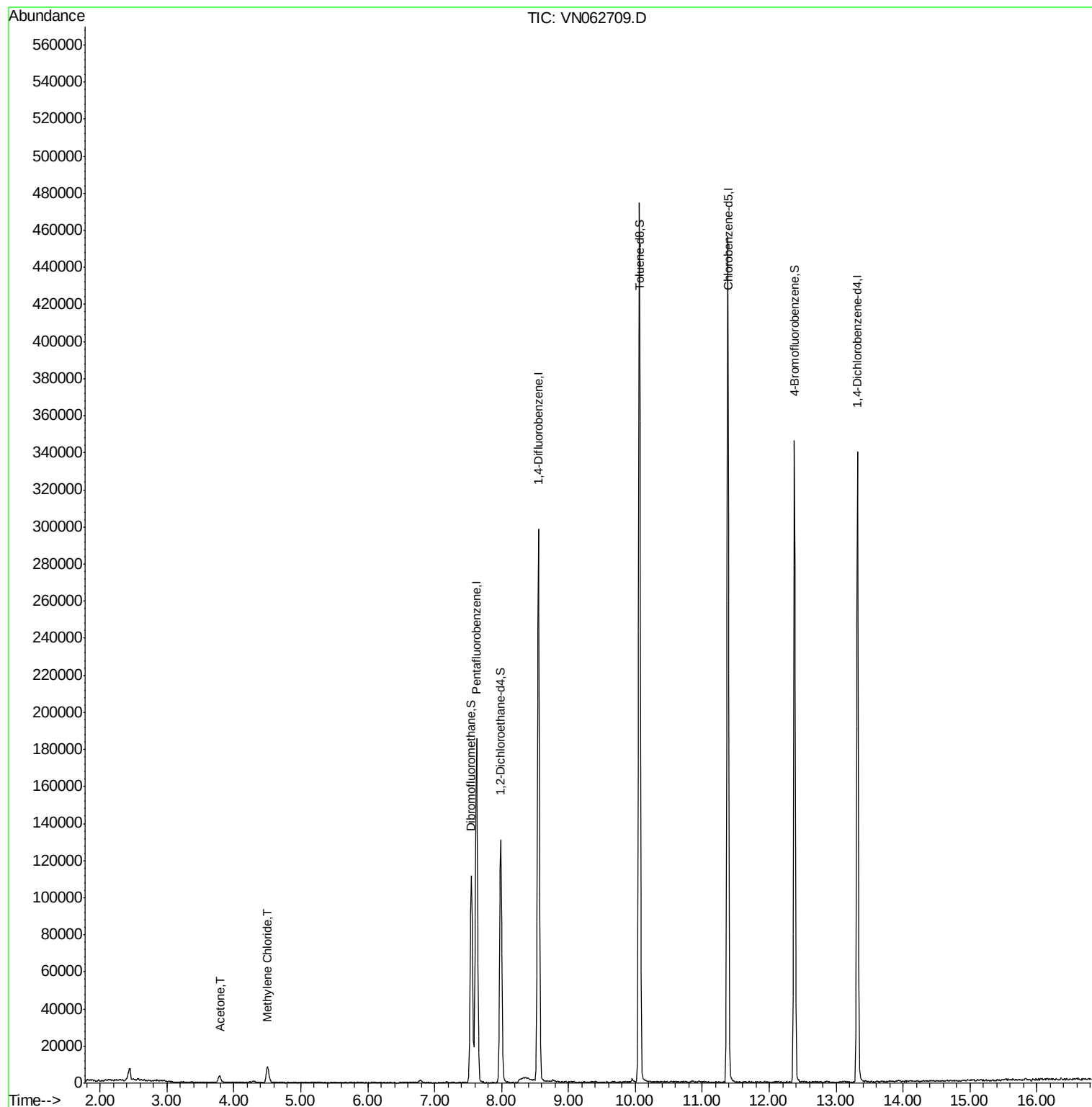
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	138778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	87103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	119526	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	
35) Dibromofluoromethane	7.55	113	84706	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
50) Toluene-d8	10.06	98	317596	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.38	95	118839	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
Target Compounds						
16) Acetone	3.79	43	6950	8.567	ug/l	92
20) Methylene Chloride	4.50	84	6196	3.184	ug/l #	86

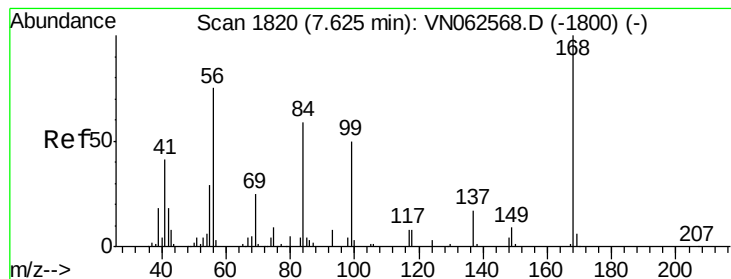
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 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: VN062709.D

Acq: 1 Aug 2020 1:34

Instrument :

MSVOA_N

ClientSampled :

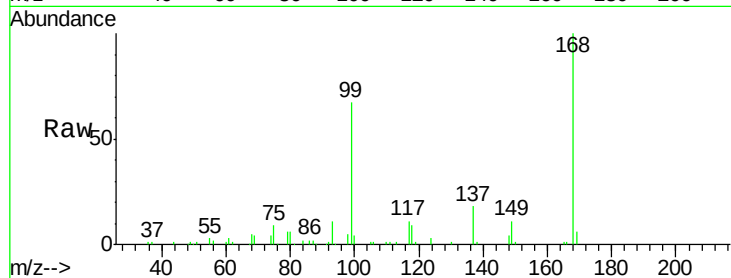
TP-10

Tot Ion:168 Resp: 138778

Ion Ratio Lower Upper

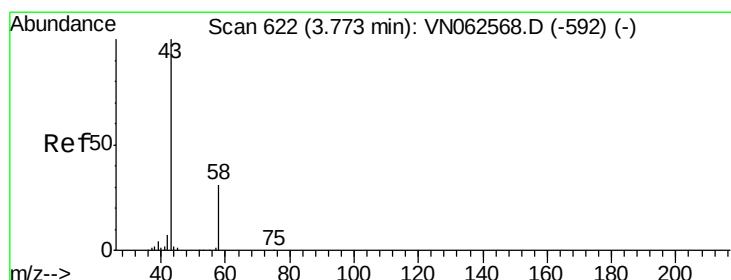
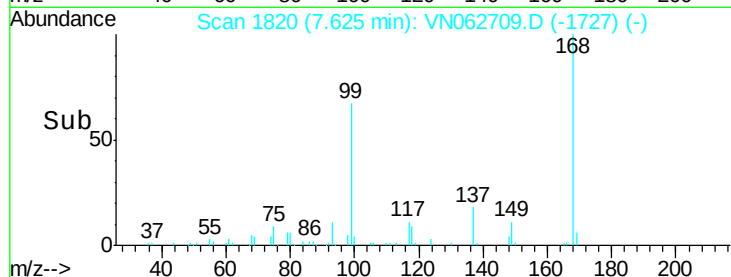
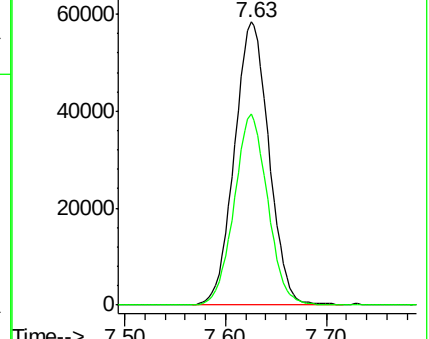
168 100

99 67.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.567 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.02 min

Lab File: VN062709.D

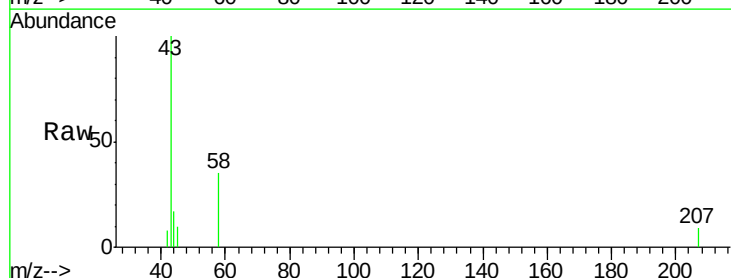
Acq: 1 Aug 2020 1:34

Tgt Ion: 43 Resp: 6950

Ion Ratio Lower Upper

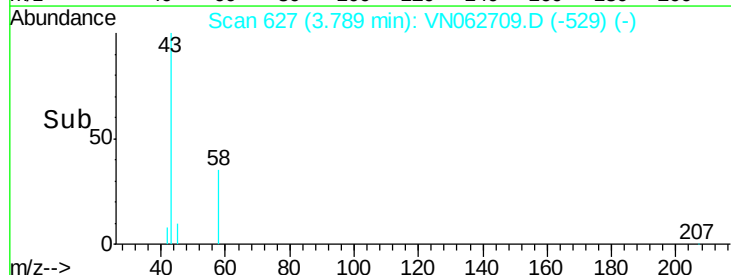
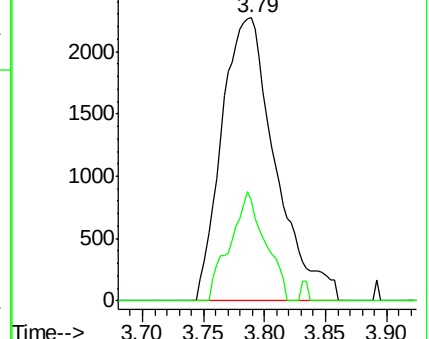
43 100

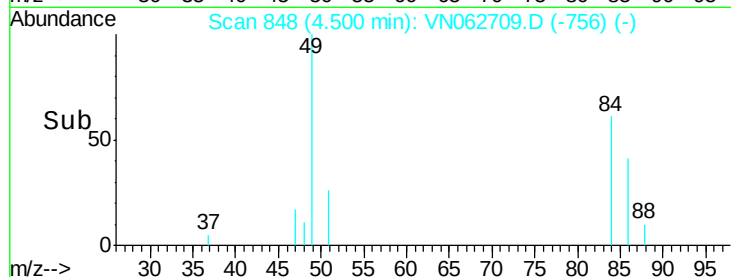
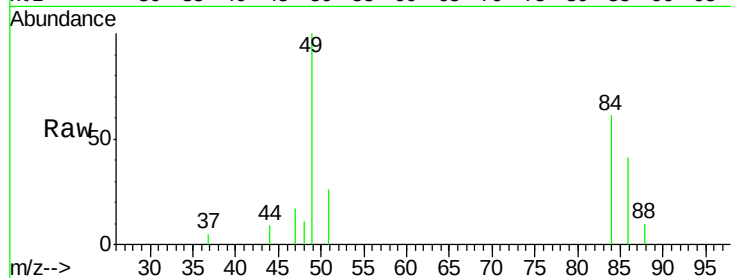
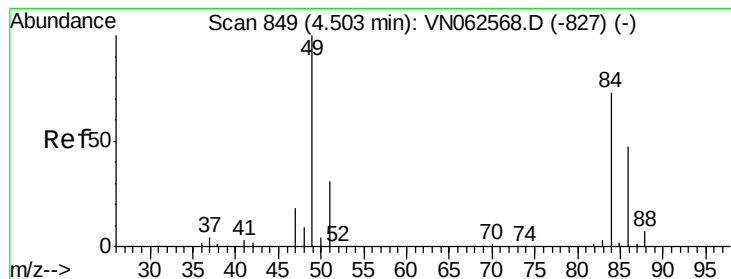
58 35.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 3.184 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN062709.D

Acq: 1 Aug 2020 1:34

Instrument :

MSVOA_N

ClientSampled :

TP-10

Tot Ion: 84 Resp: 6196

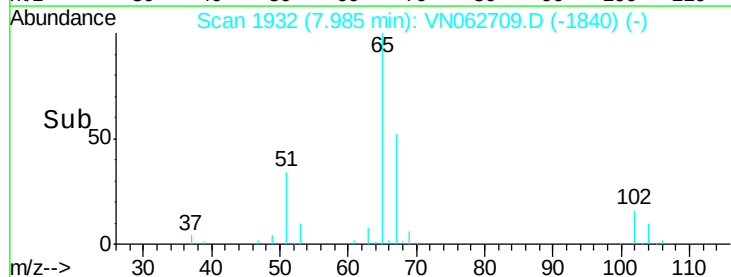
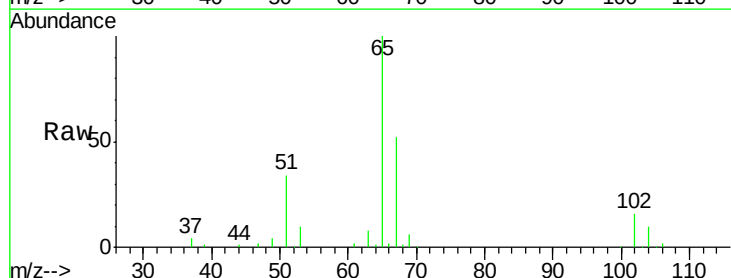
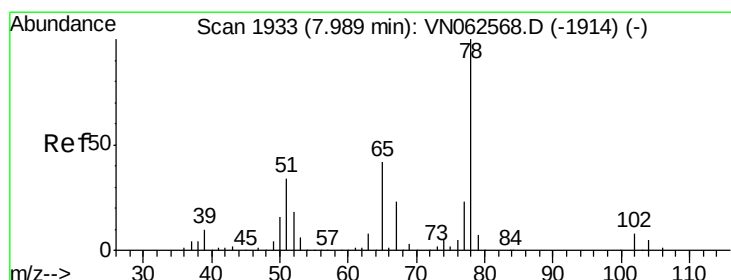
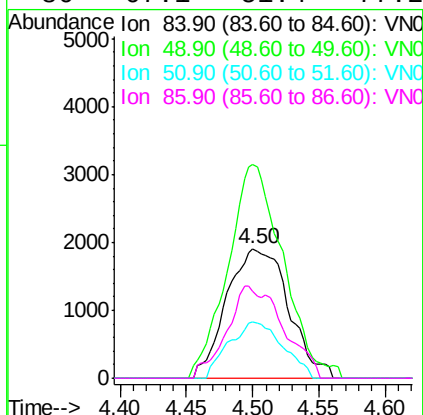
Ion Ratio Lower Upper

84 100

49 164.7 109.4 164.0#

51 43.3 33.6 50.4

86 67.1 51.4 77.2



#33

1,2-Dichloroethane-d4

Concen: 55.443 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062709.D

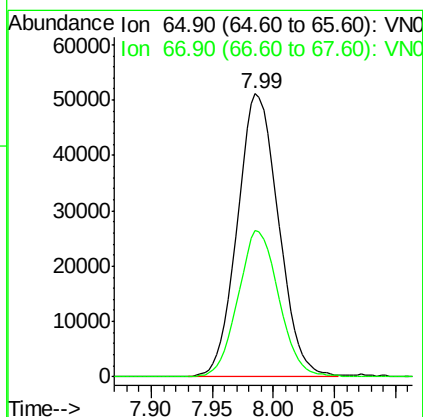
Acq: 1 Aug 2020 1:34

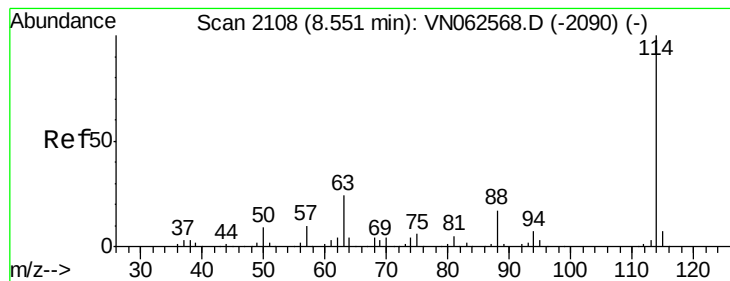
Tgt Ion: 65 Resp: 119526

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062709.D

Acq: 1 Aug 2020 1:34

Instrument :

MSVOA_N

ClientSampleId :

TP-10

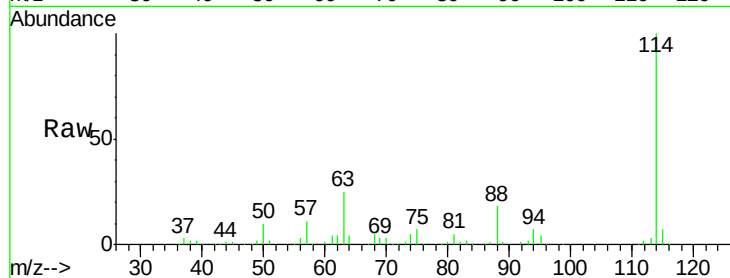
Tot Ion:114 Resp: 242255

Ion Ratio Lower Upper

114 100

63 25.3 0.0 48.4

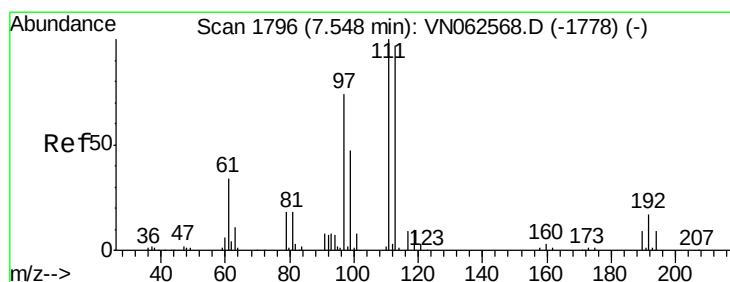
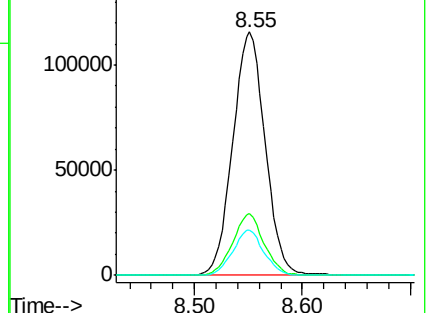
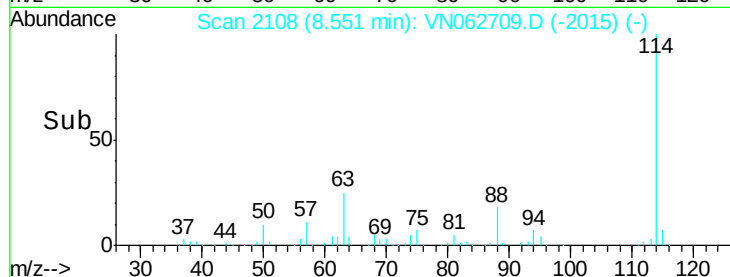
88 18.5 0.0 33.8



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: 53.232 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062709.D

Acq: 1 Aug 2020 1:34

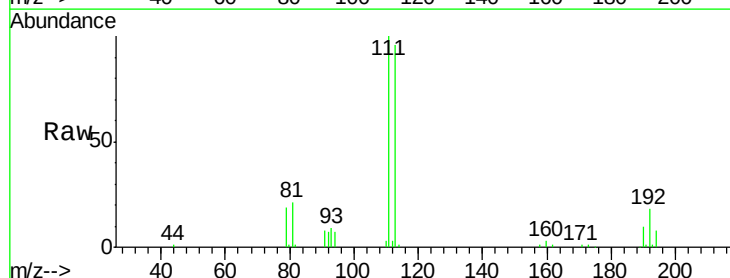
Tgt Ion:113 Resp: 84706

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

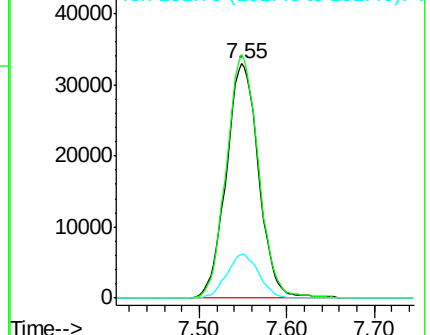
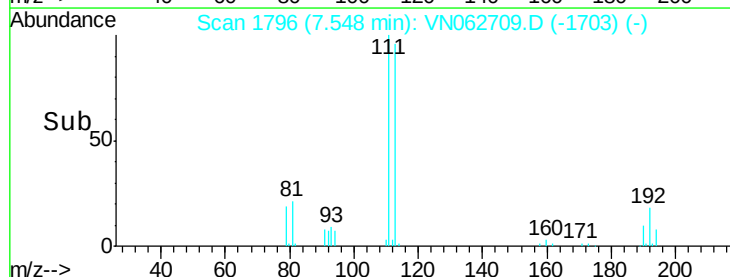
192 18.5 14.8 22.2

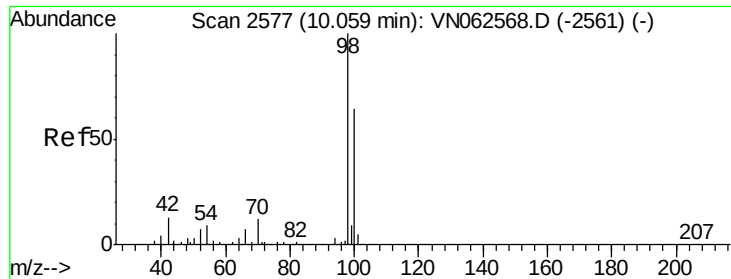


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.023 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062709.D

Acq: 1 Aug 2020 1:34

Instrument :

MSVOA_N

ClientSampled :

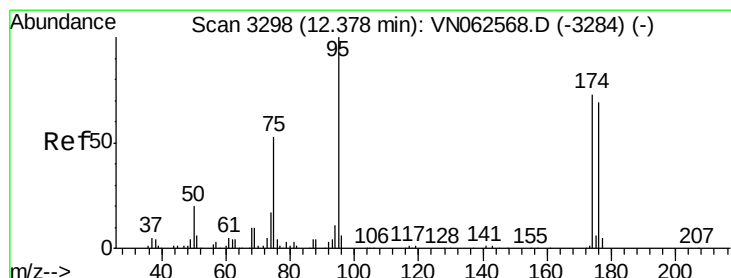
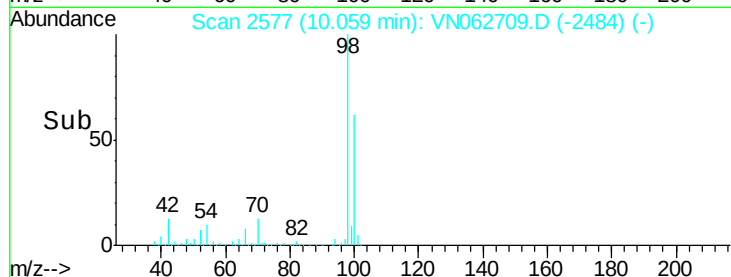
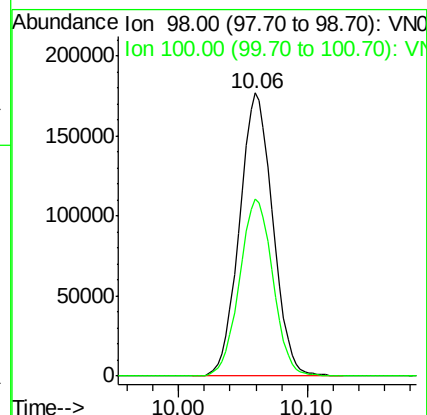
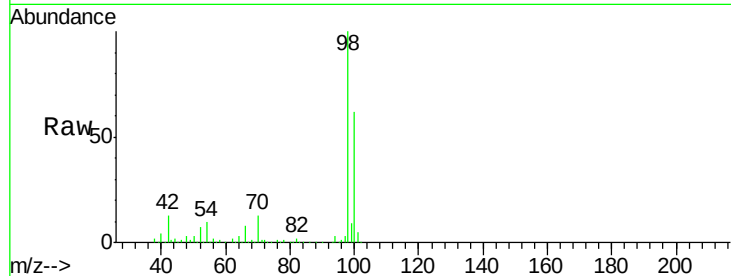
TP-10

Tot Ion: 98 Resp: 317596

Ion Ratio Lower Upper

98 100

100 62.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 51.191 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062709.D

Acq: 1 Aug 2020 1:34

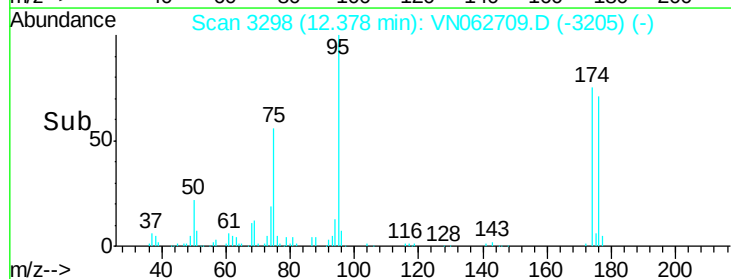
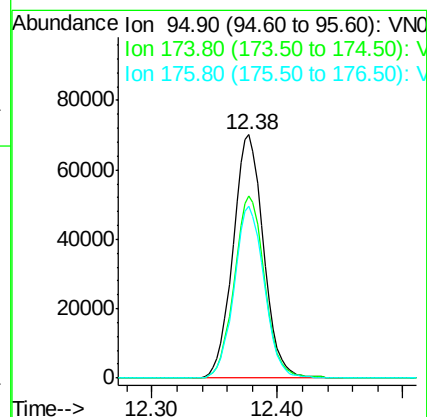
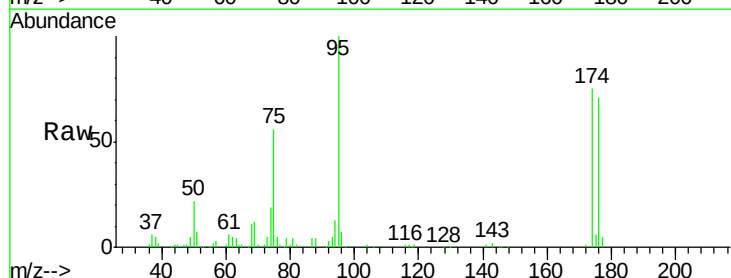
Tgt Ion: 95 Resp: 118839

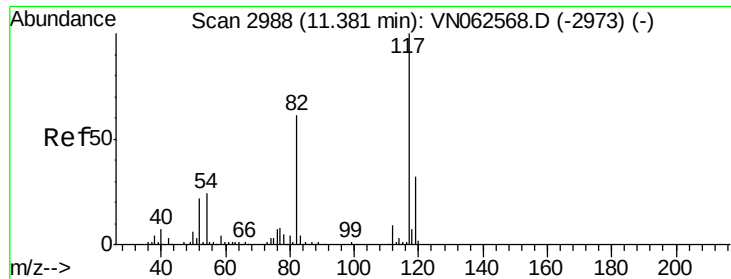
Ion Ratio Lower Upper

95 100

174 74.2 0.0 144.6

176 69.7 0.0 139.4

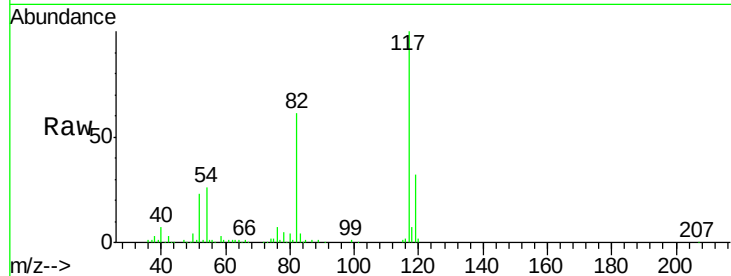




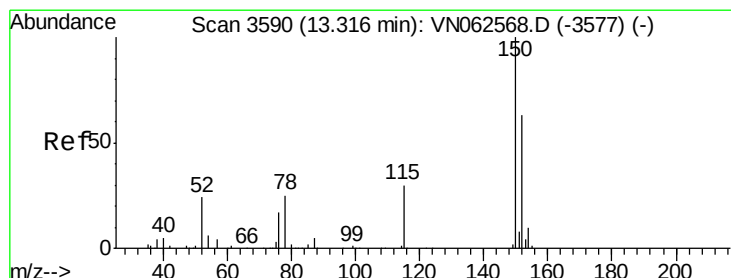
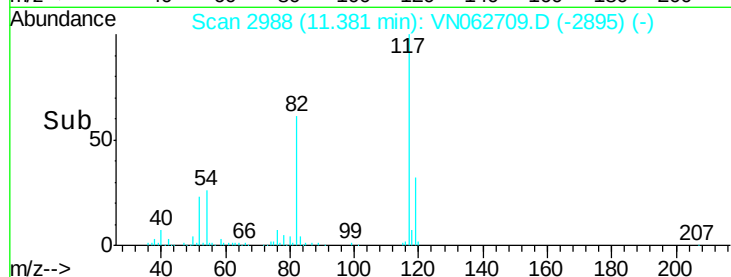
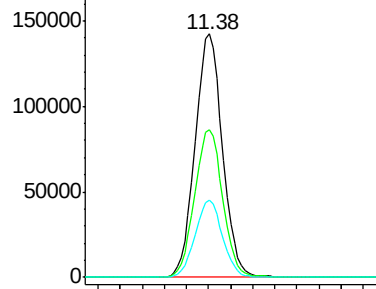
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062709.D
Acq: 1 Aug 2020 1:34

Instrument :
MSVOA_N
ClientSampleId :
TP-10

Tot Ion:117 Resp: 245085
Ion Ratio Lower Upper
117 100
82 60.6 49.0 73.6
119 31.8 25.4 38.2

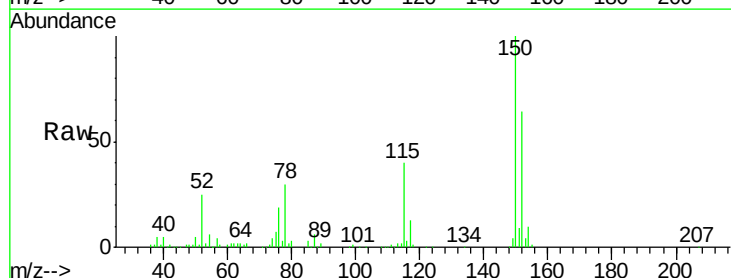


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062709.D
Acq: 1 Aug 2020 1:34

Tgt Ion:152 Resp: 87103
Ion Ratio Lower Upper
152 100
115 62.9 31.8 95.4
150 157.4 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

