

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062254.D
 Acq On : 30 Jun 2020 21:04
 Operator : JC/MD
 Sample : L3170-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2R

Quant Time: Jul 01 05:32:39 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

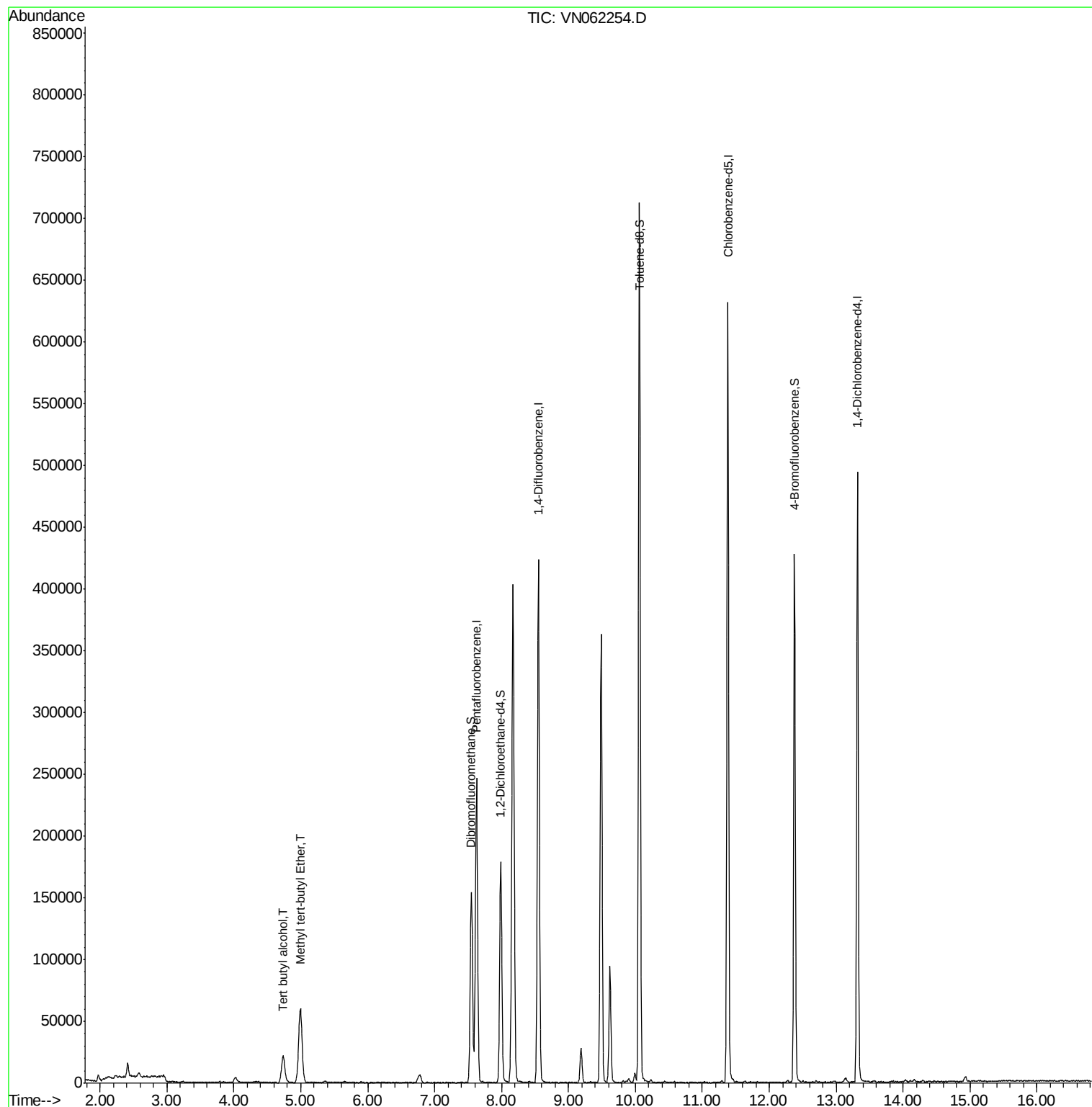
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	187039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	382139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	362200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	128878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	148301	56.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.00%	
35) Dibromofluoromethane	7.55	113	120406	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	10.06	98	491505	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.38	95	152148	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
Target Compounds						
11) Tert butyl alcohol	4.73	59	38774	102.887	ug/l #	91
19) Methyl tert-butyl Ether	5.00	73	100996	14.717	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\
Data File : VN062254.D
Acq On : 30 Jun 2020 21:04
Operator : JC/MD
Sample : L3170-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2R

Quant Time: Jul 01 05:32:39 2020
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: VN062254.D

Acq: 30 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

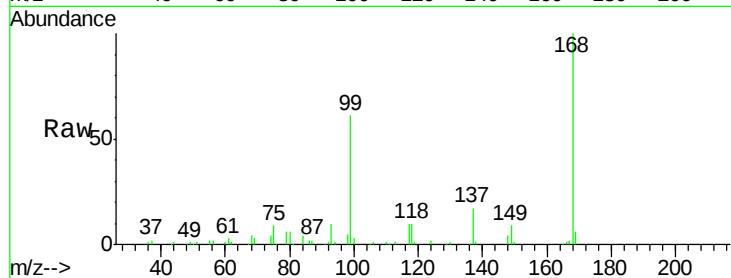
MW-2R

Tot Ion:168 Resp: 187039

Ion Ratio Lower Upper

168 100

99 60.6 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

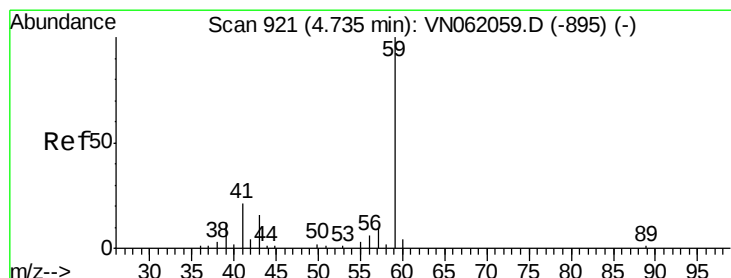
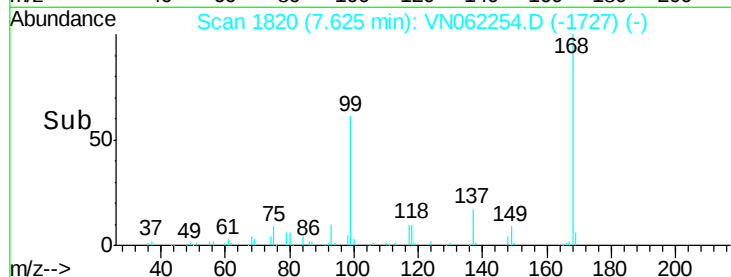
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#11

Tert butyl alcohol

Concen: 102.887 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN062254.D

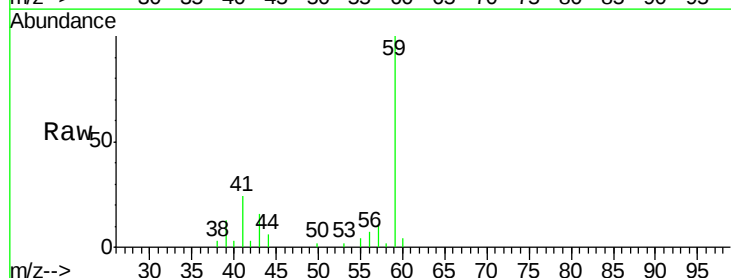
Acq: 30 Jun 2020 21:04

Tgt Ion: 59 Resp: 38774

Ion Ratio Lower Upper

59 100

57 7.1 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.73

12000

10000

8000

6000

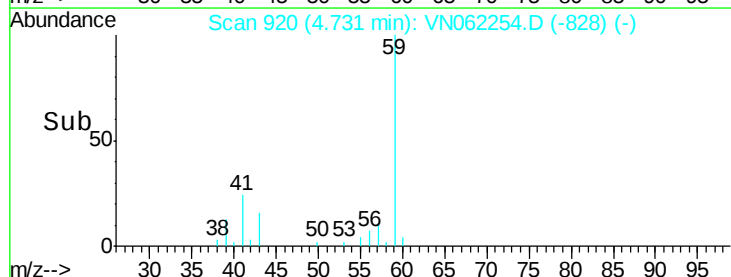
4000

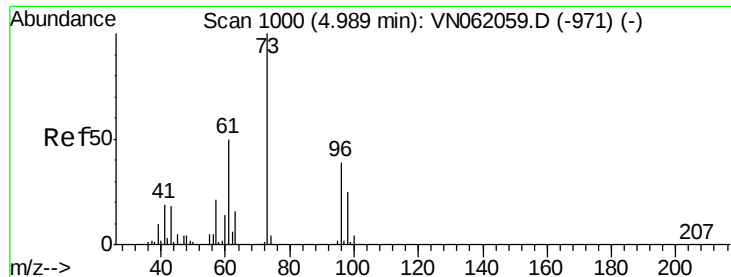
2000

0

Time-->

4.60 4.70 4.80 4.90



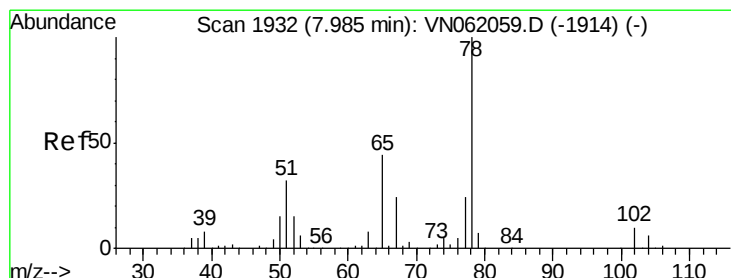
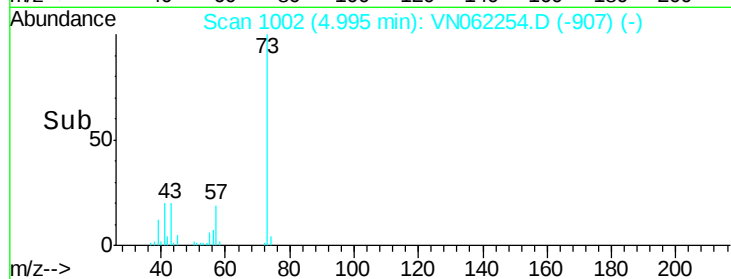
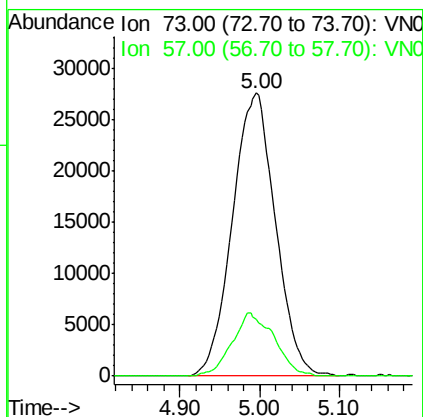
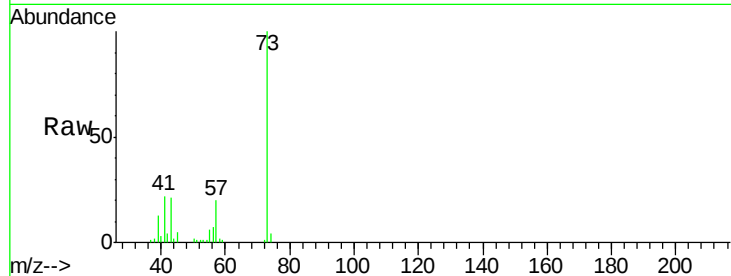


#19

Methvl tert-butvl Ether
 Concen: 14.717 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VN062254.D
 Acq: 30 Jun 2020 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2R

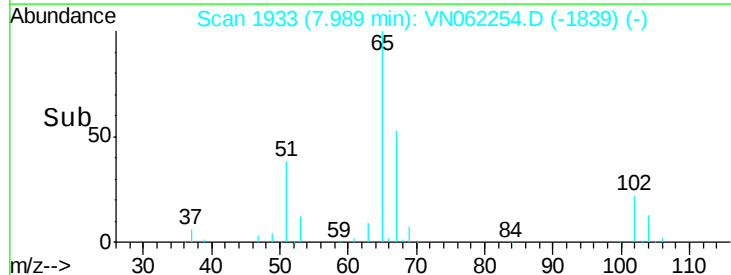
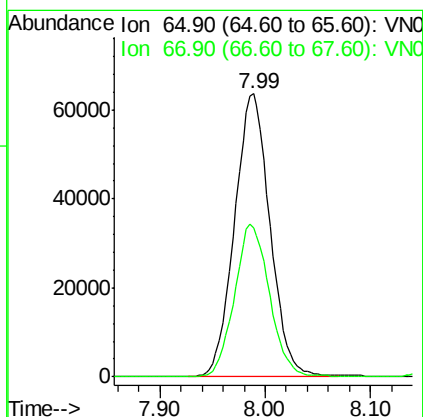
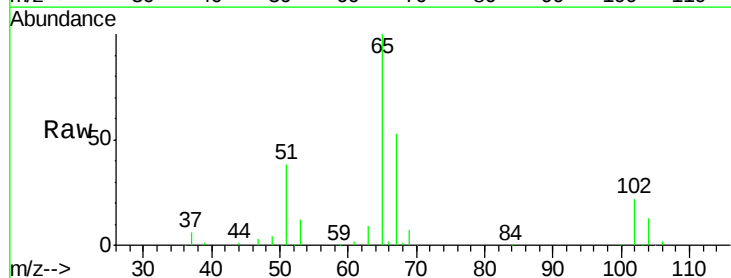
Tot Ion: 73 Resp: 100996
 Ion Ratio Lower Upper
 73 100
 57 19.9 16.6 24.8

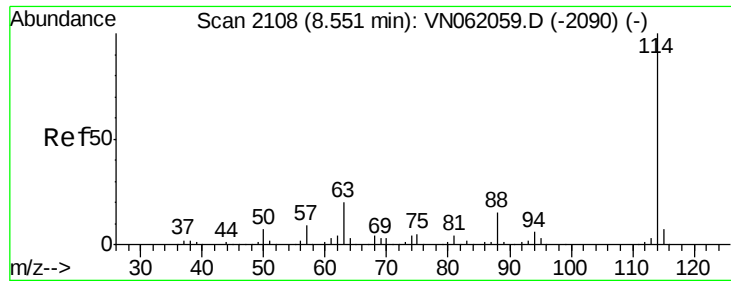


#33

1,2-Dichloroethane-d4
 Concen: 56.500 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062254.D
 Acq: 30 Jun 2020 21:04

Tgt Ion: 65 Resp: 148301
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.2

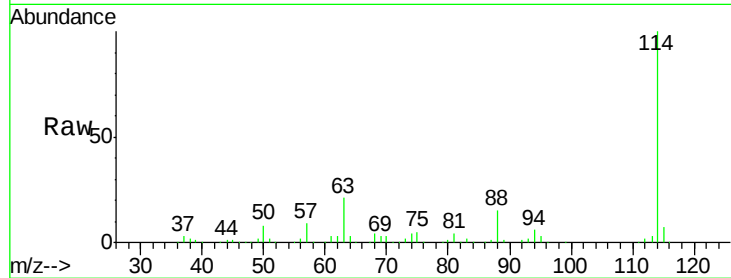




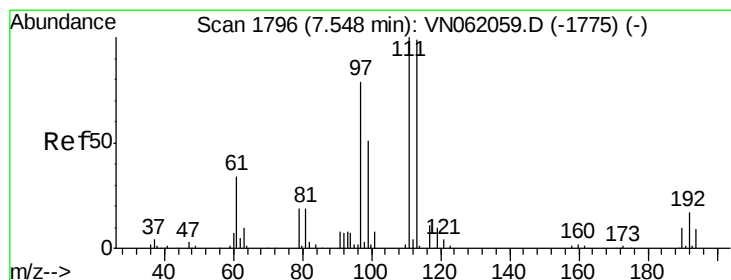
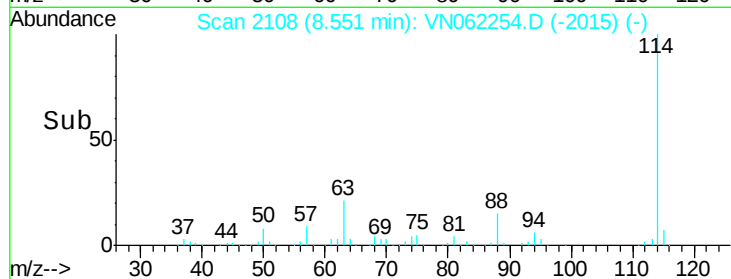
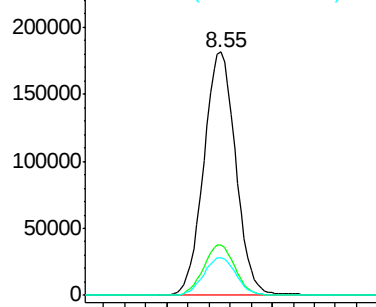
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062254.D
 Acq: 30 Jun 2020 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2R

Tot Ion:114 Resp: 382139
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 15.4 0.0 30.8

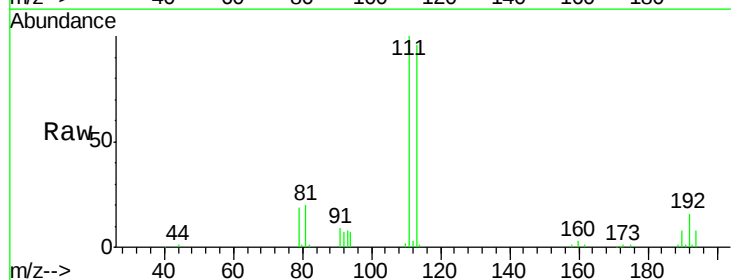


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

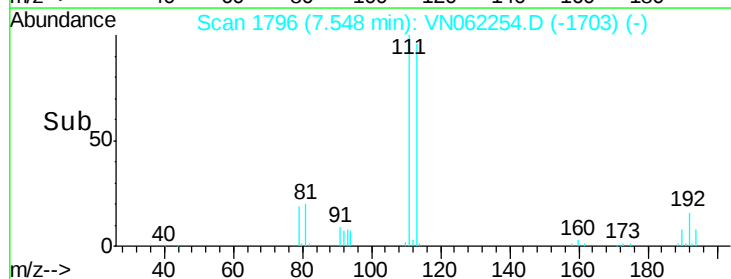
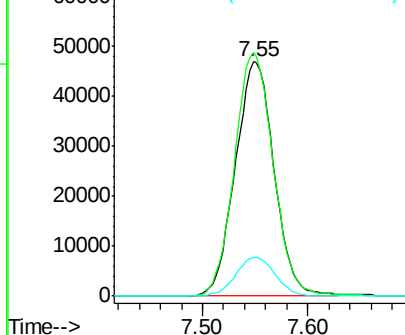


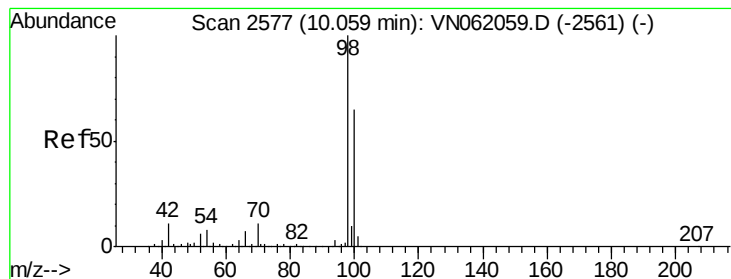
#35
 Dibromofluoromethane
 Concen: 49.113 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062254.D
 Acq: 30 Jun 2020 21:04

Tgt Ion:113 Resp: 120406
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.4
 192 16.6 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





#50

Toluene-d8

Concen: 50.154 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062254.D

Acq: 30 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampled :

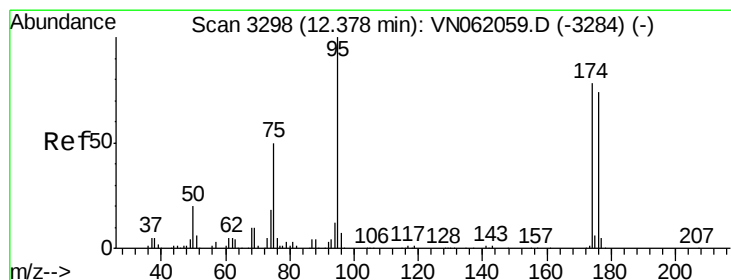
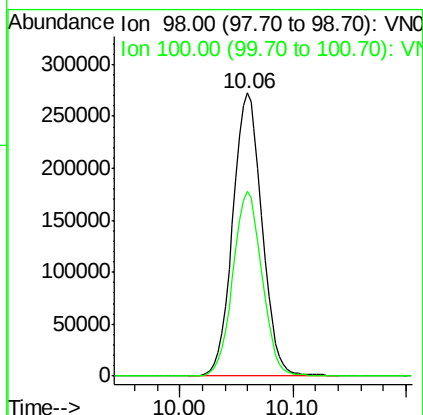
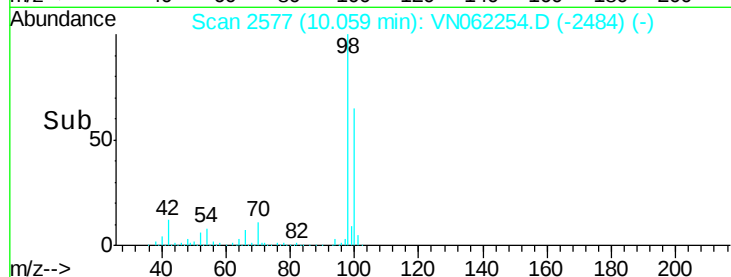
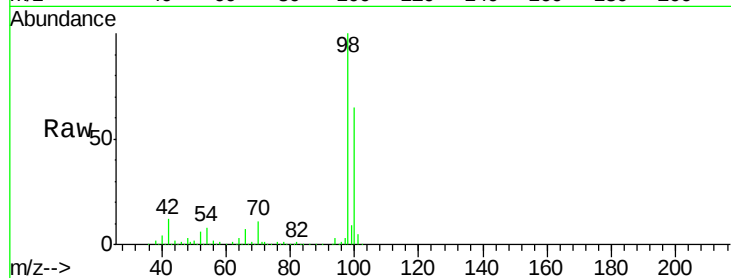
MW-2R

Tot Ion: 98 Resp: 491505

Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.953 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062254.D

Acq: 30 Jun 2020 21:04

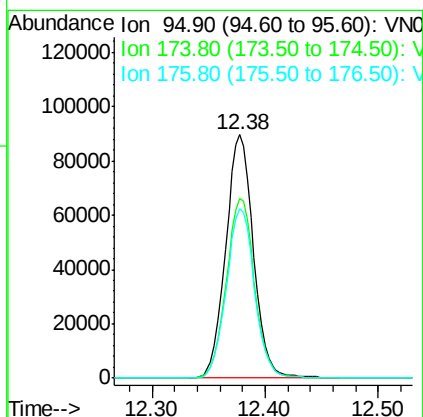
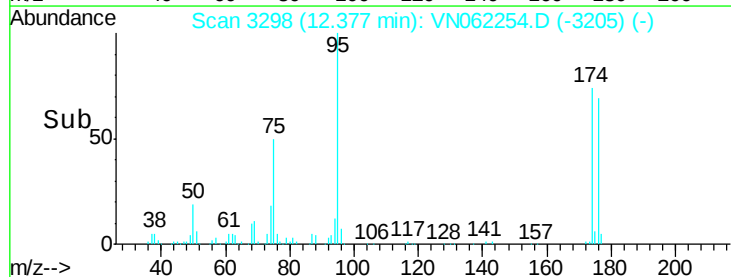
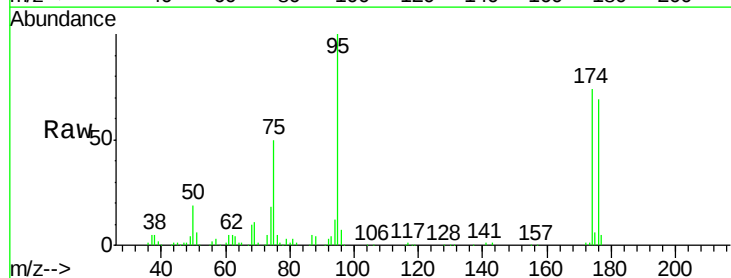
Tgt Ion: 95 Resp: 152148

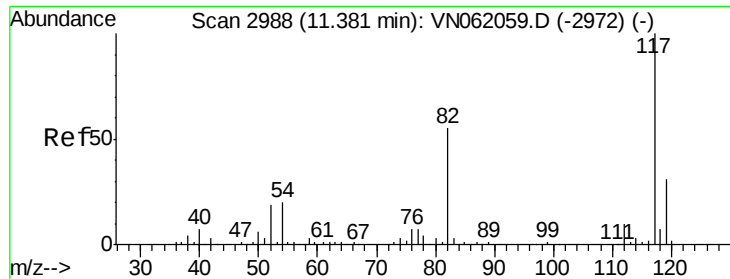
Ion Ratio Lower Upper

95 100

174 75.4 0.0 154.8

176 70.9 0.0 147.4

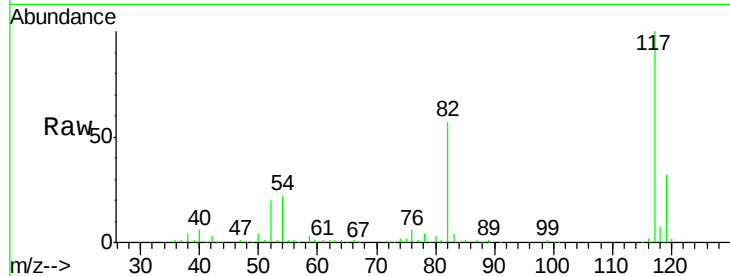




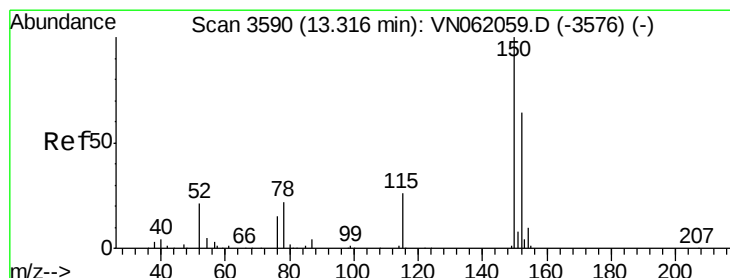
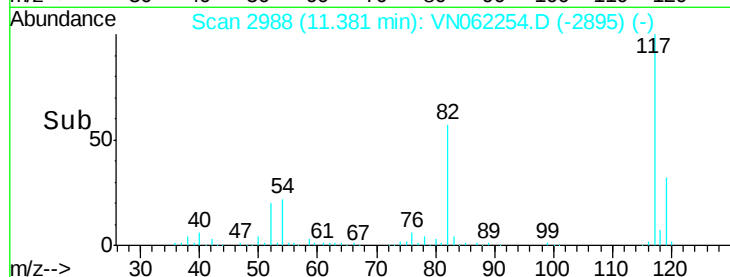
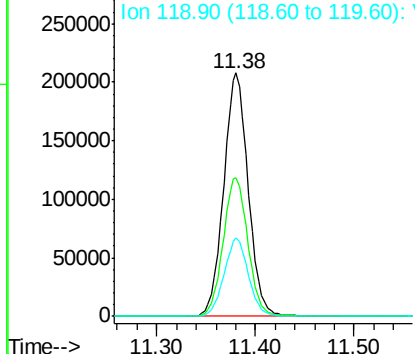
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062254.D
Acq: 30 Jun 2020 21:04

Instrument :
MSVOA_N
ClientSampled :
MW-2R

Tot Ion:117 Resp: 362200
Ion Ratio Lower Upper
117 100
82 56.8 43.8 65.8
119 32.4 25.2 37.8

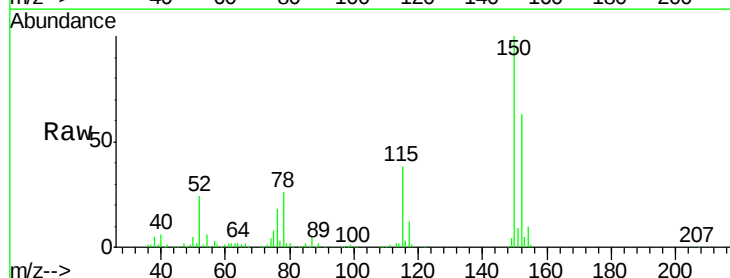


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062254.D
Acq: 30 Jun 2020 21:04

Tgt Ion:152 Resp: 128878
Ion Ratio Lower Upper
152 100
115 60.3 29.5 88.5
150 158.8 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

