

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063577.D
 Acq On : 23 Sep 2020 10:04
 Operator : JC/MD
 Sample : L4107-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40AA-MH

Quant Time: Sep 23 10:29:46 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

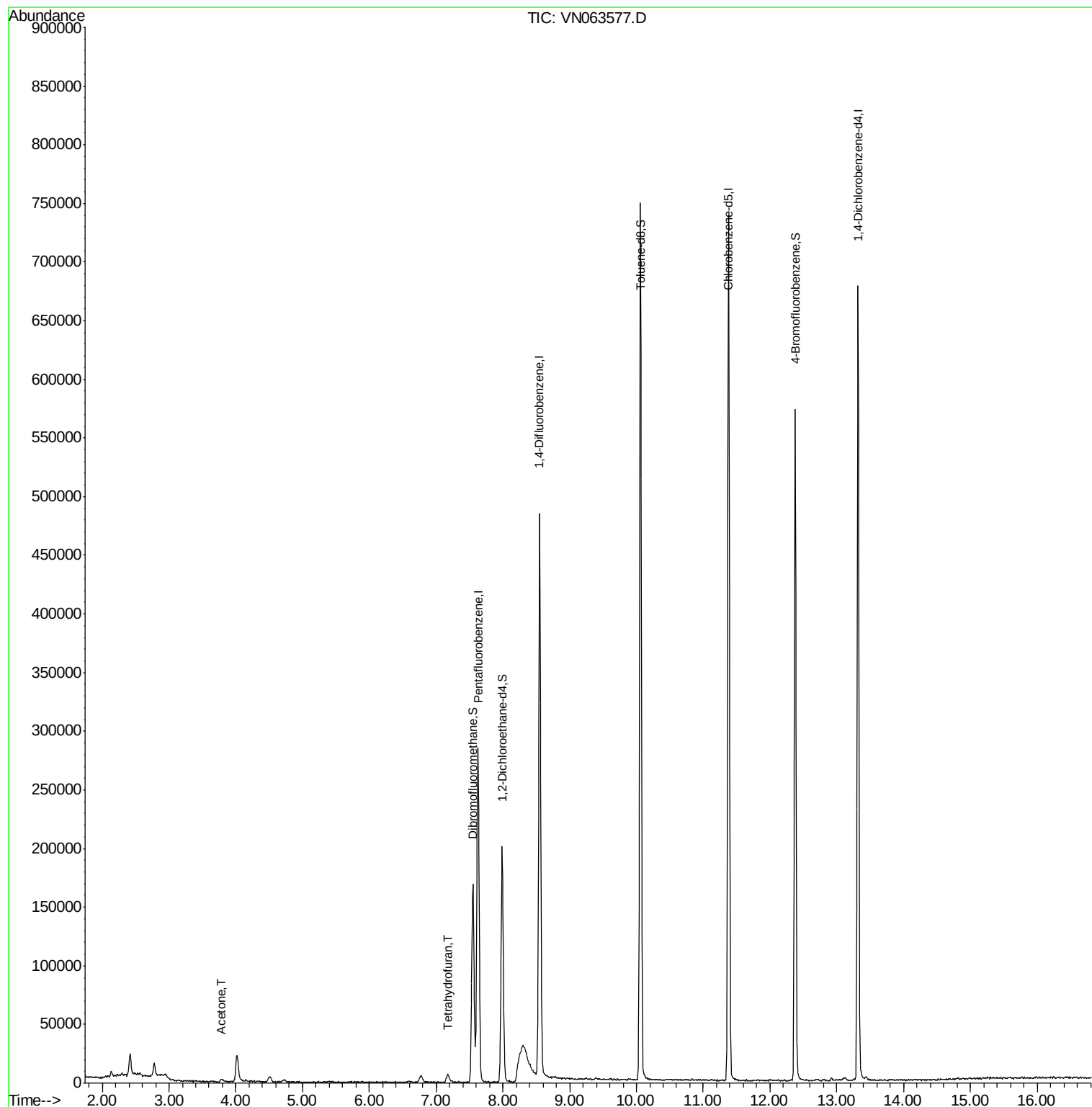
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	206121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	385556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177544	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
35) Dibromofluoromethane	7.55	113	127554	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
50) Toluene-d8	10.06	98	494109	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	12.38	95	190502	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
Target Compounds						
16) Acetone	3.78	43	5350	4.744	ug/l	93
29) Tetrahydrofuran	7.17	42	5554	4.689	ug/l	95

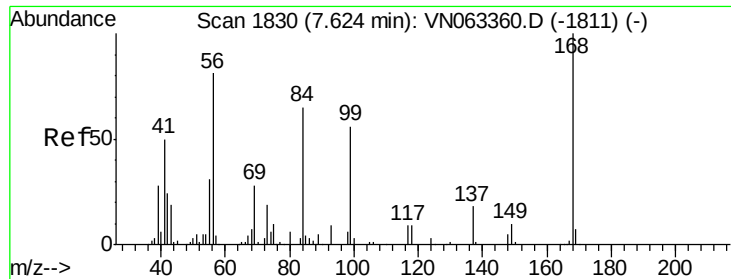
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063577.D

Acq: 23 Sep 2020 10:04

Instrument :

MSVOA_N

ClientSampleId :

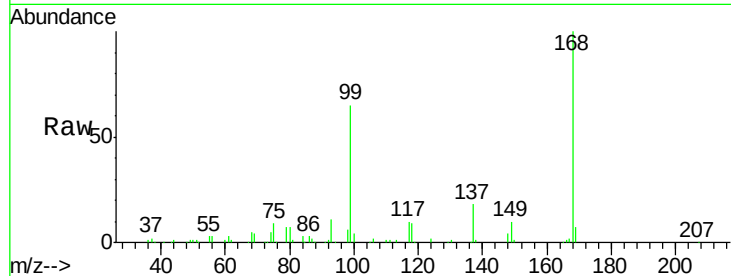
40AA-MH

Tot Ion:168 Resp: 206121

Ion Ratio Lower Upper

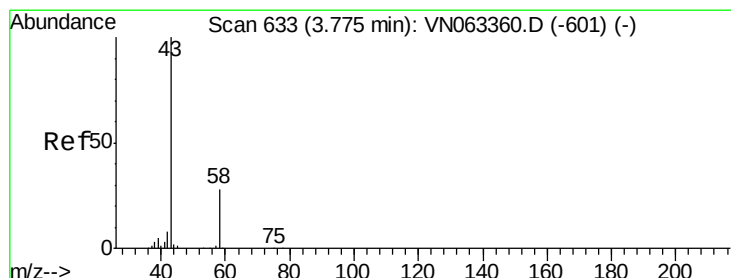
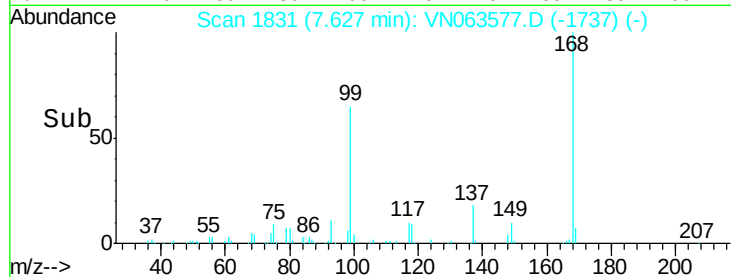
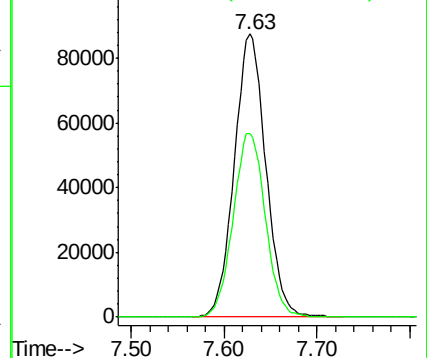
168 100

99 65.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): VN063360.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN063360.D (-1811) (-)



#16

Acetone

Concen: 4.744 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063577.D

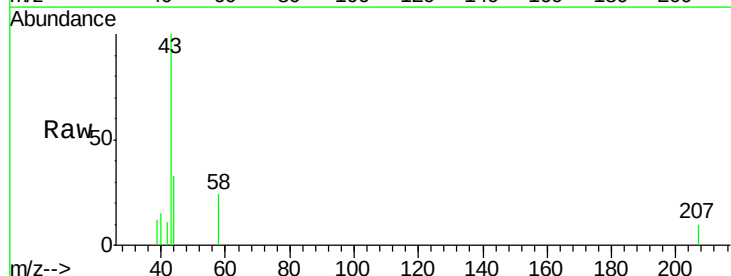
Acq: 23 Sep 2020 10:04

Tgt Ion: 43 Resp: 5350

Ion Ratio Lower Upper

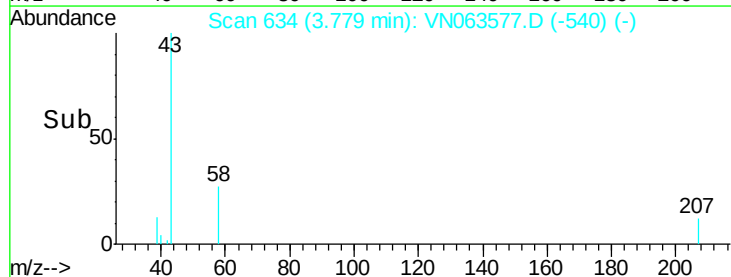
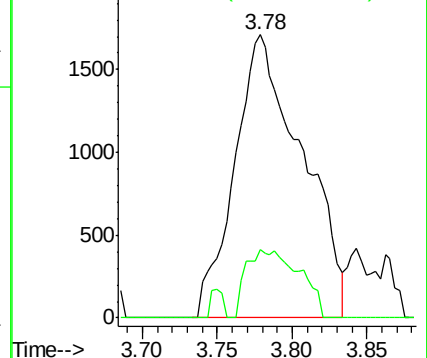
43 100

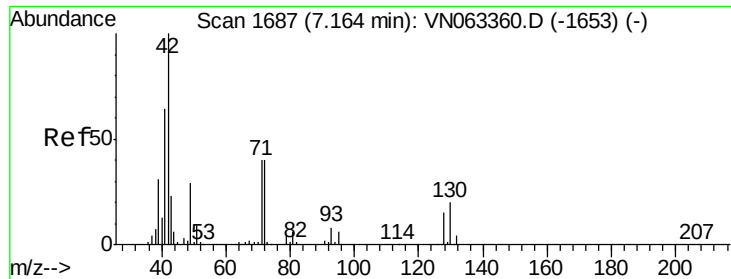
58 24.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)





#29

Tetrahydrofuran

Concen: 4.689 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN063577.D

Acq: 23 Sep 2020 10:04

Instrument :

MSVOA_N

ClientSampleId :

40AA-MH

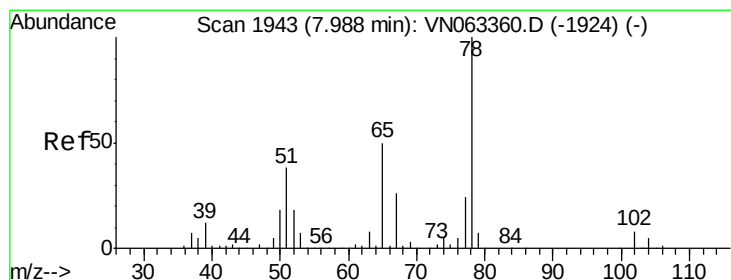
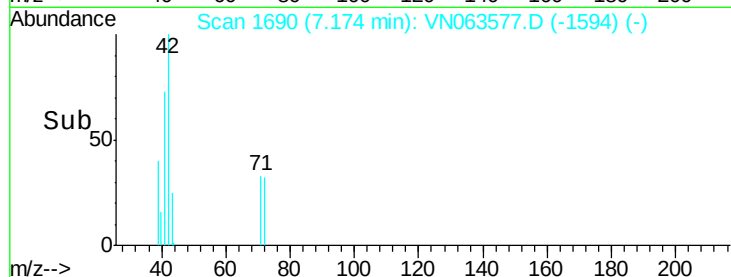
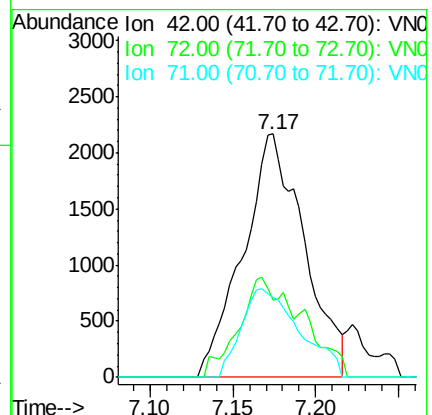
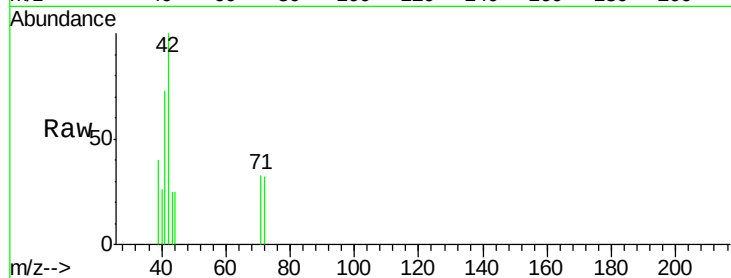
Tot Ion: 42 Resp: 5554

Ion Ratio Lower Upper

42 100

72 42.5 32.1 48.1

71 34.8 31.2 46.8



#33

1,2-Dichloroethane-d4

Concen: 50.601 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063577.D

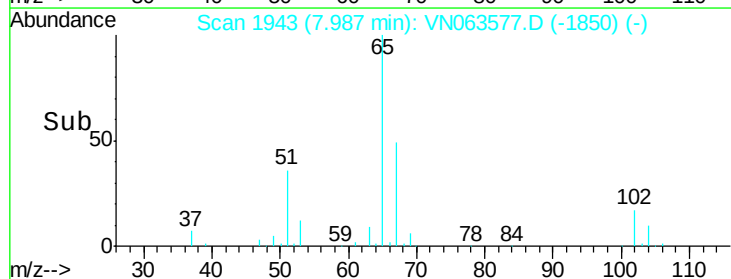
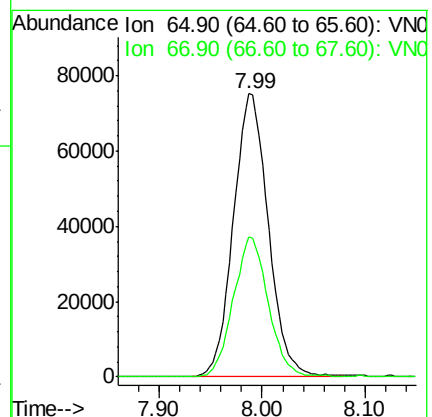
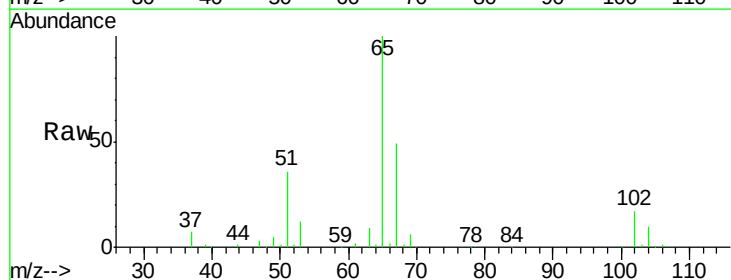
Acq: 23 Sep 2020 10:04

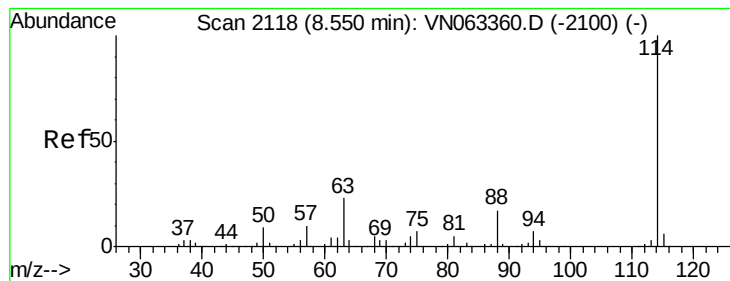
Tgt Ion: 65 Resp: 177544

Ion Ratio Lower Upper

65 100

67 49.2 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063577.D

Acq: 23 Sep 2020 10:04

Instrument :

MSVOA_N

ClientSampleId :

40AA-MH

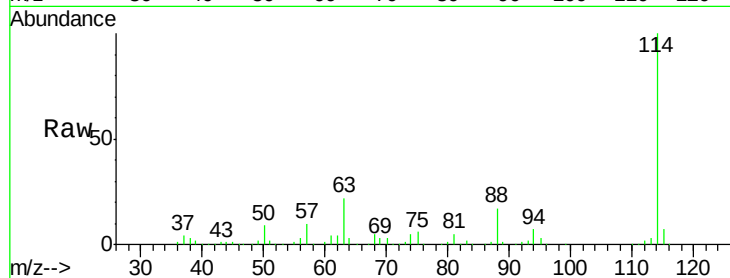
Tot Ion:114 Resp: 392602

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.4

88 16.5 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

250000

200000

150000

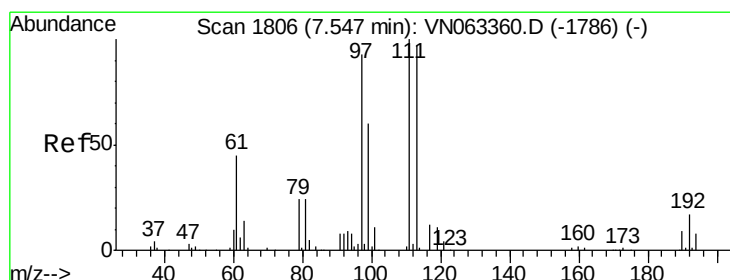
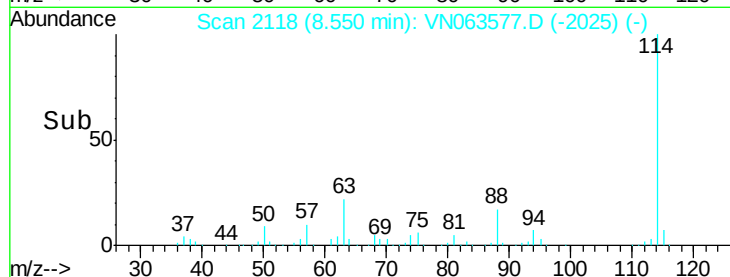
100000

50000

0

8.45 8.50 8.55 8.60 8.65

Time-->



#35

Dibromofluoromethane

Concen: 46.931 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063577.D

Acq: 23 Sep 2020 10:04

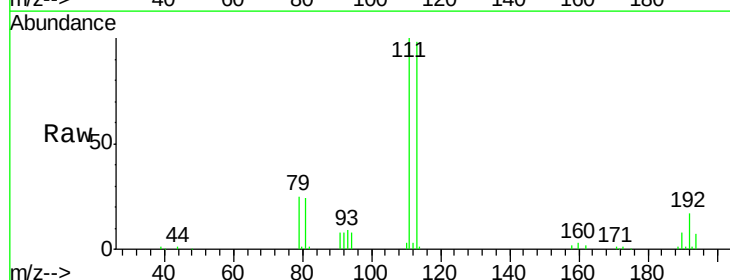
Tgt Ion:113 Resp: 127554

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 17.0 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

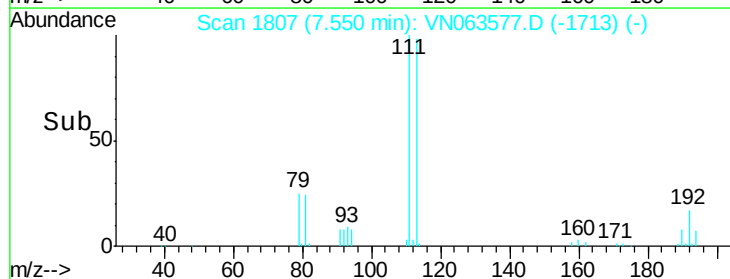
40000

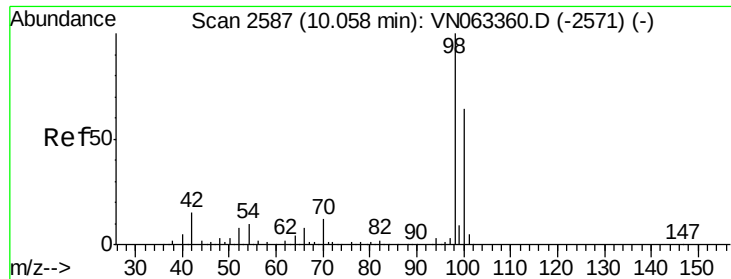
20000

0

7.50 7.55 7.60 7.70

Time-->





#50

Toluene-d8

Concen: 48.348 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063577.D

Acq: 23 Sep 2020 10:04

Instrument :

MSVOA_N

ClientSampleId :

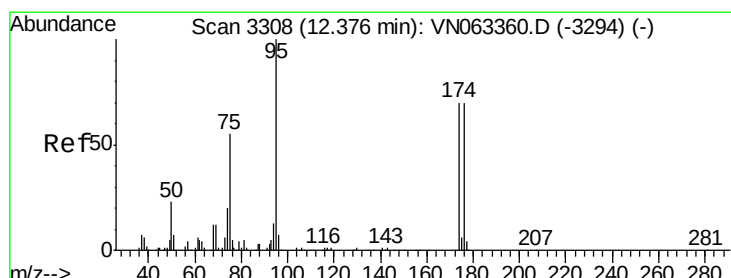
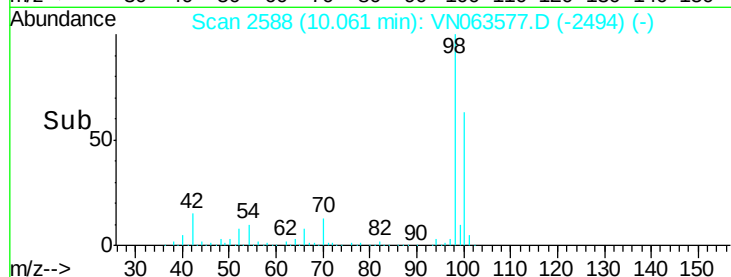
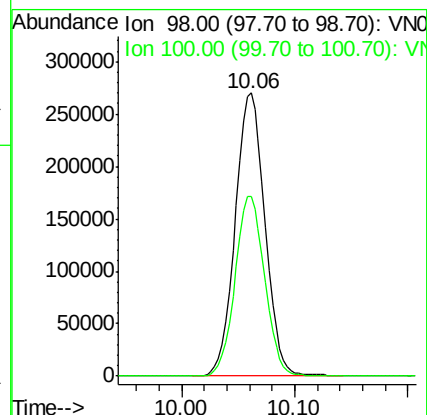
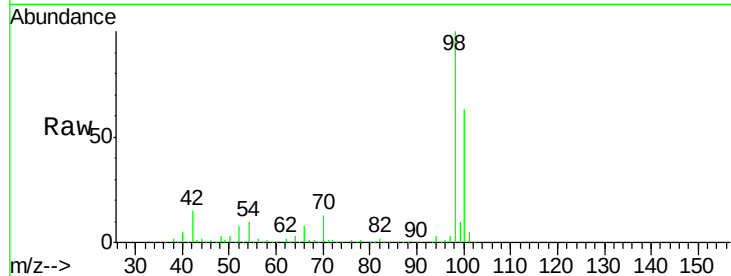
40AA-MH

Tot Ion: 98 Resp: 494109

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 50.849 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063577.D

Acq: 23 Sep 2020 10:04

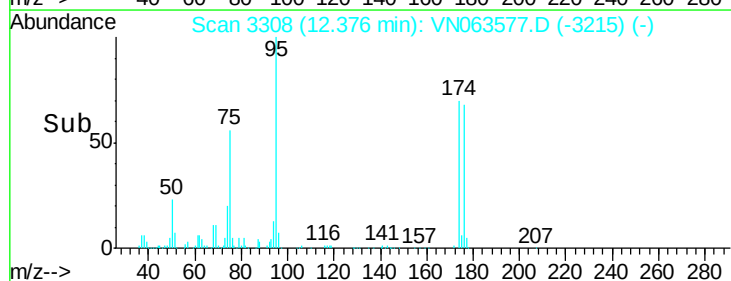
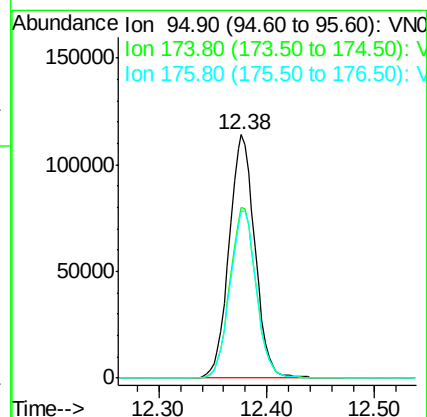
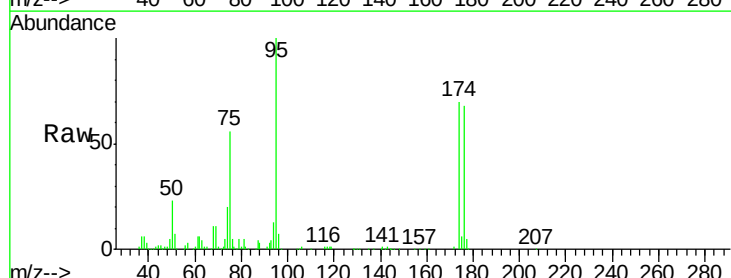
Tgt Ion: 95 Resp: 190502

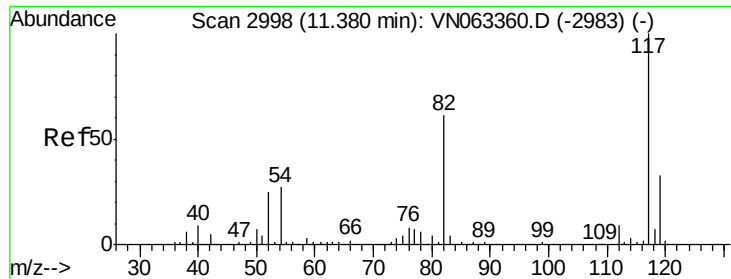
Ion Ratio Lower Upper

95 100

174 71.2 0.0 140.8

176 70.1 0.0 137.6

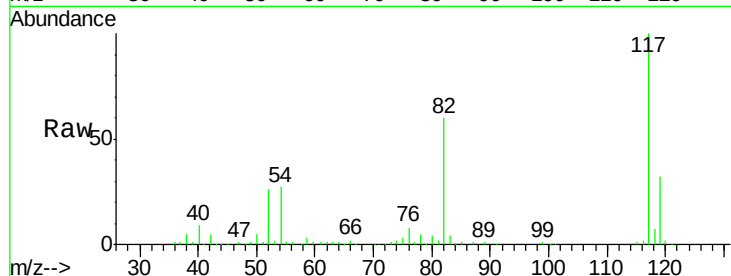




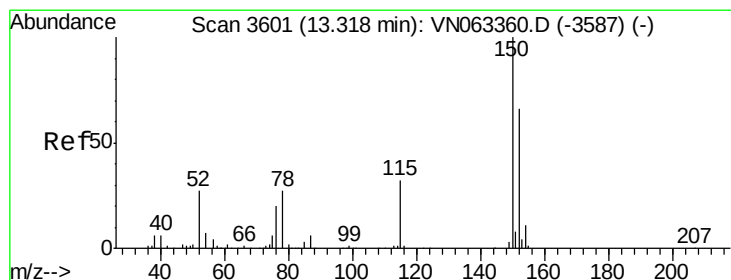
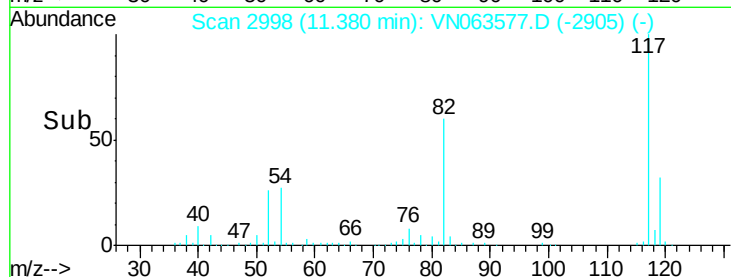
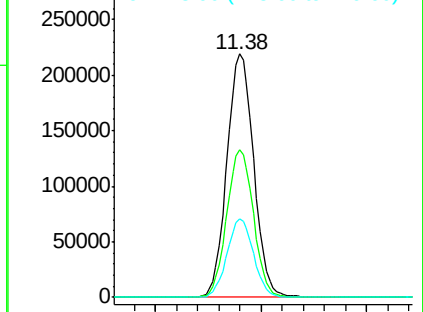
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063577.D
Acq: 23 Sep 2020 10:04

Instrument :
MSVOA_N
ClientSampled :
40AA-MH

Tot Ion:117 Resp: 385556
Ion Ratio Lower Upper
117 100
82 60.4 49.2 73.8
119 32.2 26.2 39.4

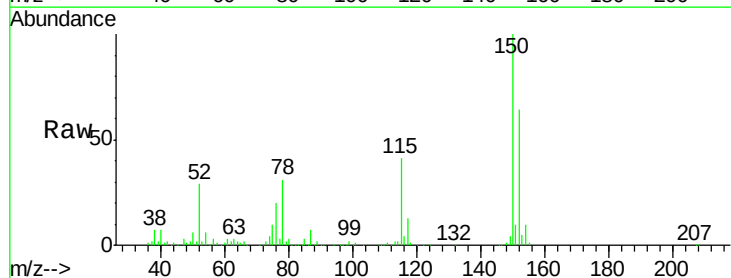


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063577.D
Acq: 23 Sep 2020 10:04

Tgt Ion:152 Resp: 161748
Ion Ratio Lower Upper
152 100
115 64.1 32.2 96.6
150 156.5 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

