

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062857.D
 Acq On : 12 Aug 2020 14:55
 Operator : JC/MD
 Sample : L3666-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-618-620

Quant Time: Aug 13 06:07:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

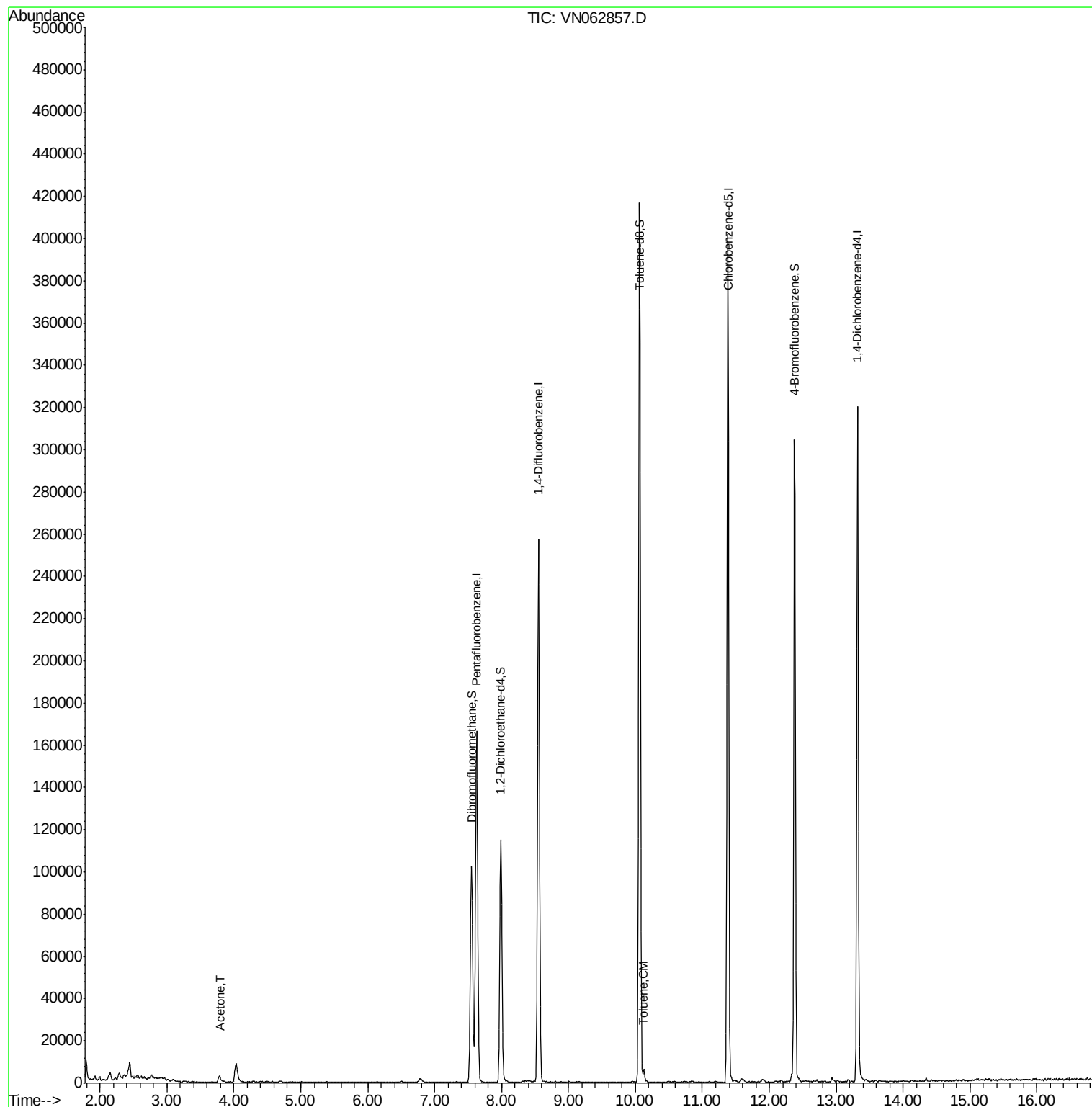
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	126722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	217418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	224920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	108285	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
35) Dibromofluoromethane	7.55	113	78445	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
50) Toluene-d8	10.06	98	287296	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.38	95	107601	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
Target Compounds						
16) Acetone	3.79	43	5459	7.209	ug/l	96
52) Toluene	10.13	92	2262	0.580	ug/l	89

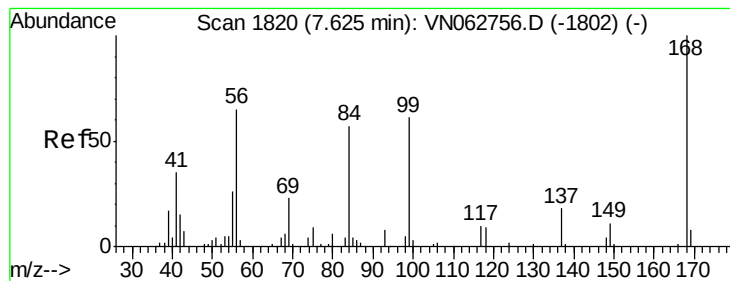
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062857.D

Acq: 12 Aug 2020 14:55

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MSVOA_N

ClientSampleId :

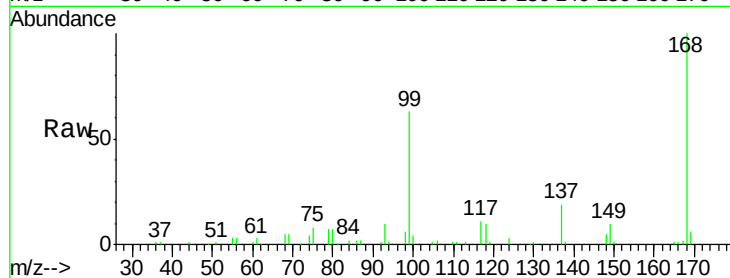
BP-VPB179-GW-618-620

Tot Ion:168 Resp: 126722

Ion Ratio Lower Upper

168 100

99 63.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

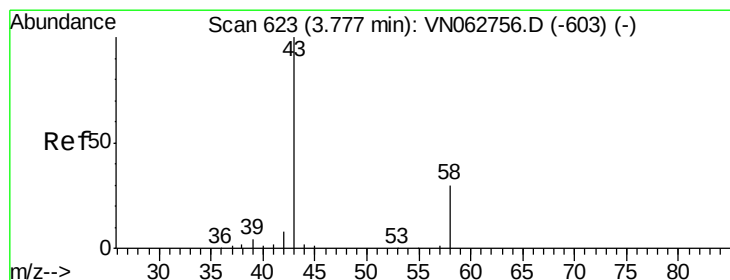
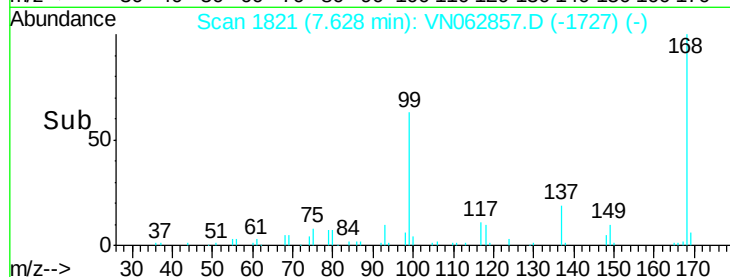
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 7.209 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN062857.D

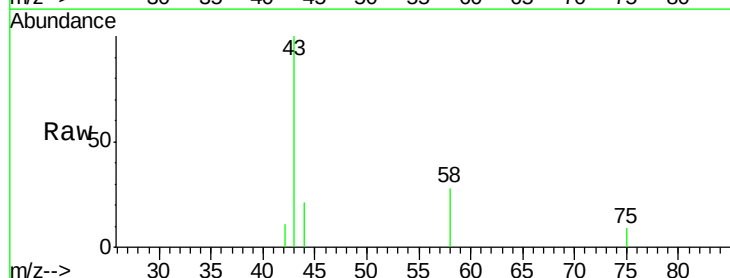
Acq: 12 Aug 2020 14:55

Tgt Ion: 43 Resp: 5459

Ion Ratio Lower Upper

43 100

58 28.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

2500

2000

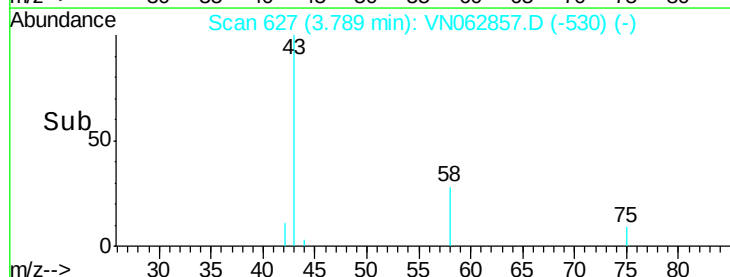
1500

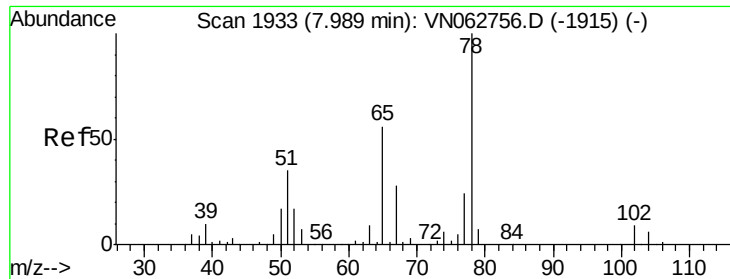
1000

500

0

Time-->

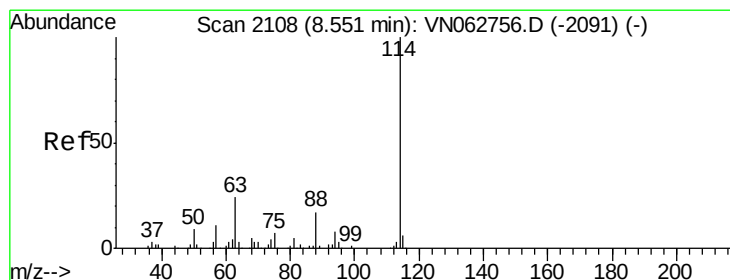
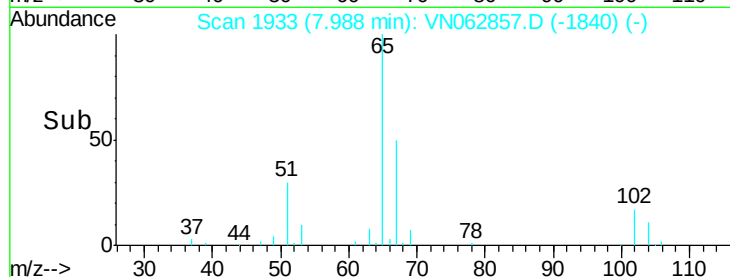
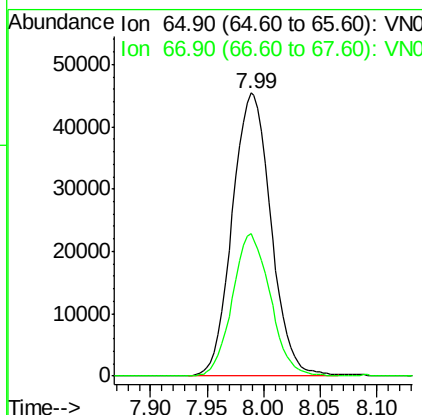
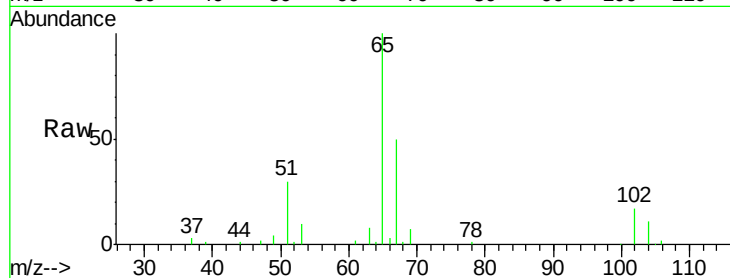




#33
 1,2-Dichloroethane-d4
 Concen: 51.673 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062857.D
 Acq: 12 Aug 2020 14:55

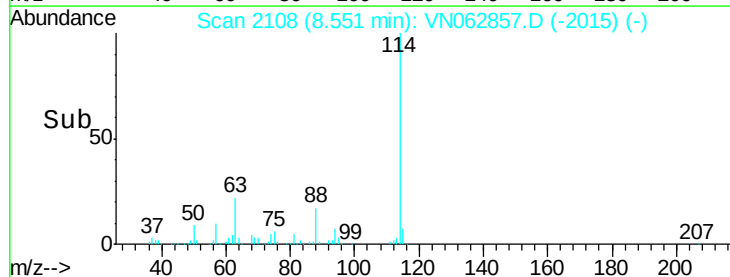
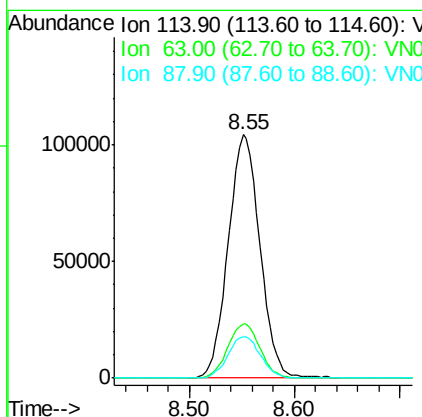
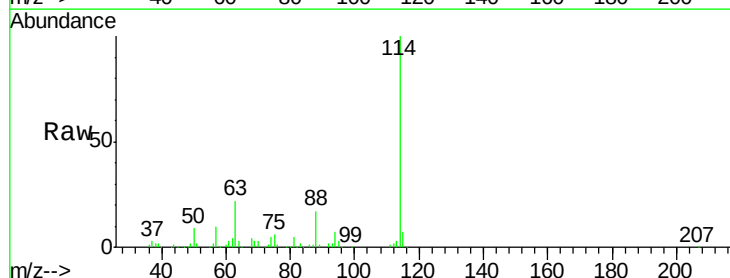
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-618-620

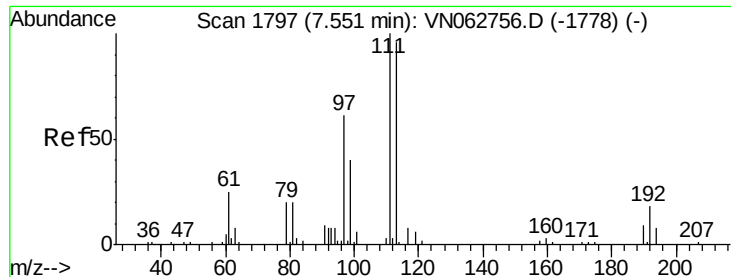
Tot Ion: 65 Resp: 108285
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062857.D
 Acq: 12 Aug 2020 14:55

Tgt Ion: 114 Resp: 217418
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 47.6
 88 17.1 0.0 34.4





#35

Dibromofluoromethane

Concen: 52.745 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062857.D

Acq: 12 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-618-620

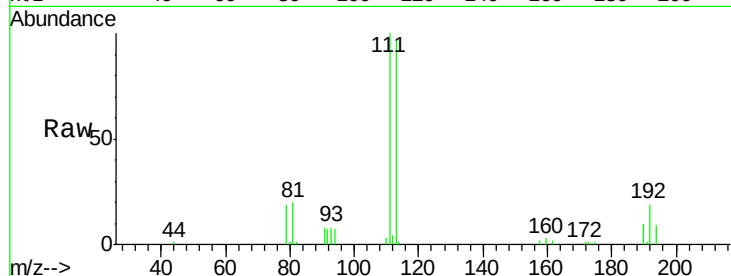
Tot Ion:113 Resp: 78445

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

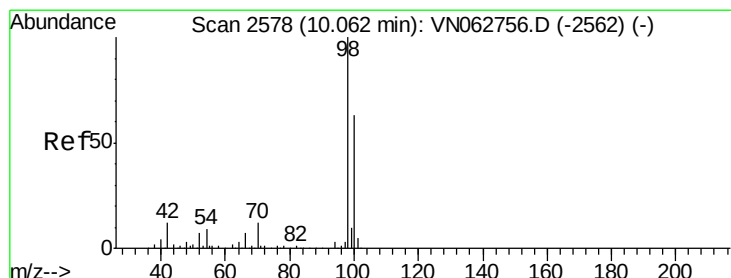
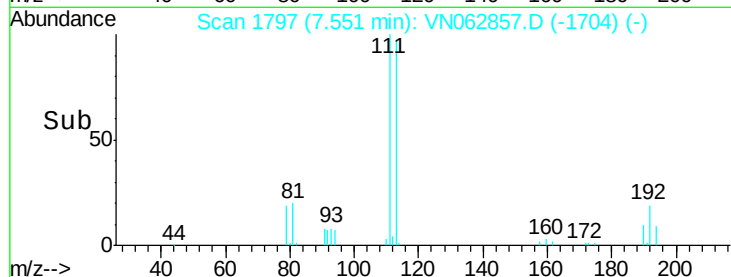
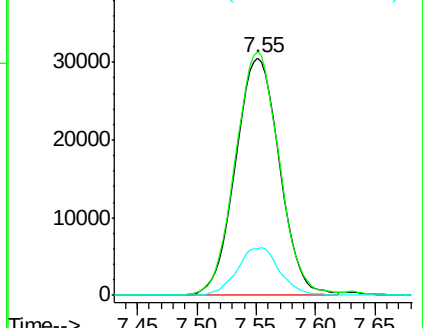
192 19.3 15.0 22.4



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: 49.479 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062857.D

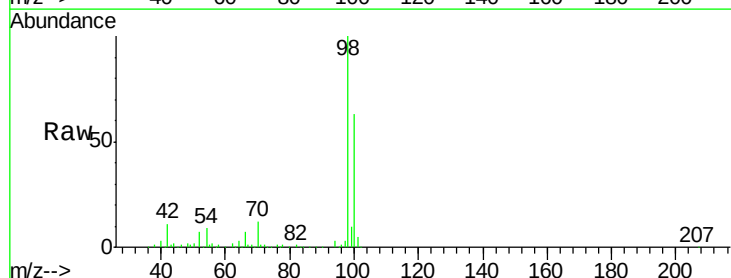
Acq: 12 Aug 2020 14:55

Tgt Ion: 98 Resp: 287296

Ion Ratio Lower Upper

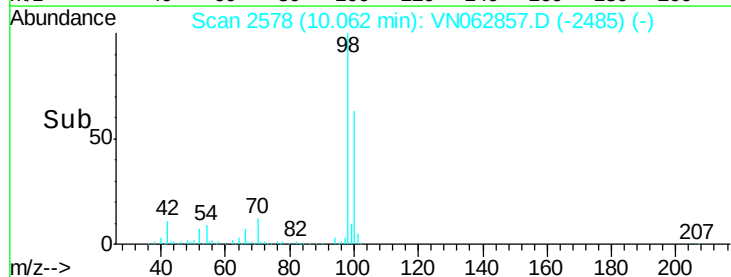
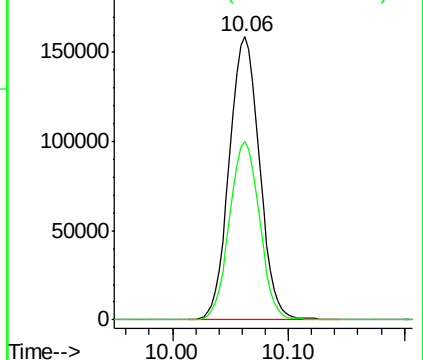
98 100

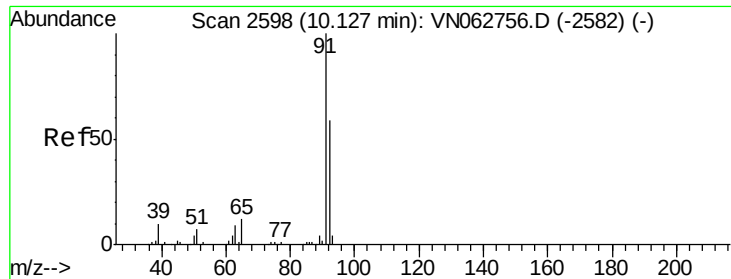
100 62.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 0.580 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062857.D

Acq: 12 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

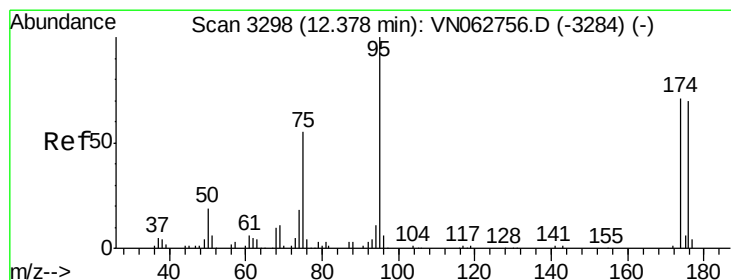
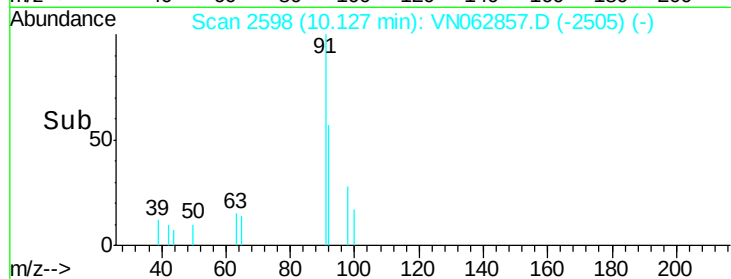
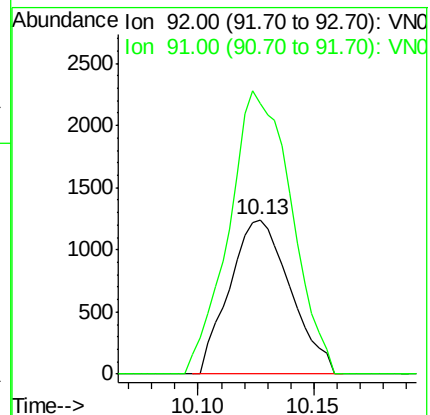
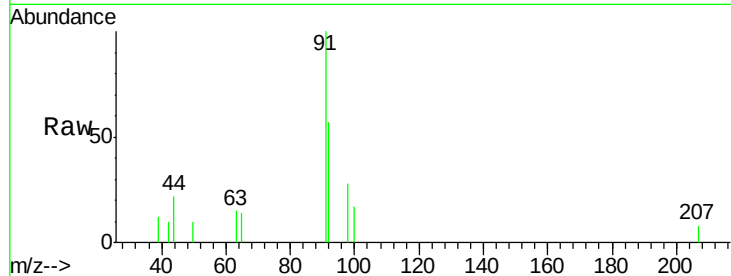
BP-VPB179-GW-618-620

Tot Ion: 92 Resp: 2262

Ion Ratio Lower Upper

92 100

91 188.5 138.9 208.3



#62

4-Bromofluorobenzene

Concen: 49.038 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062857.D

Acq: 12 Aug 2020 14:55

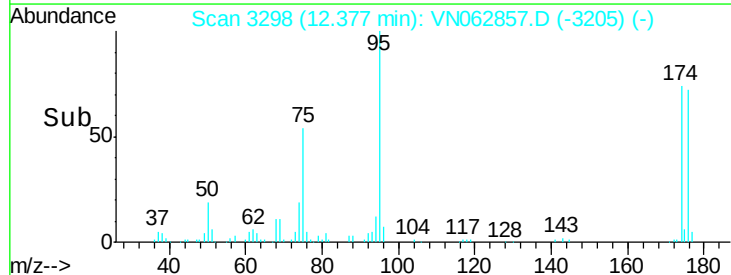
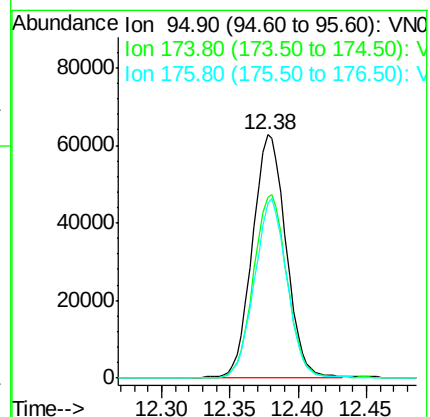
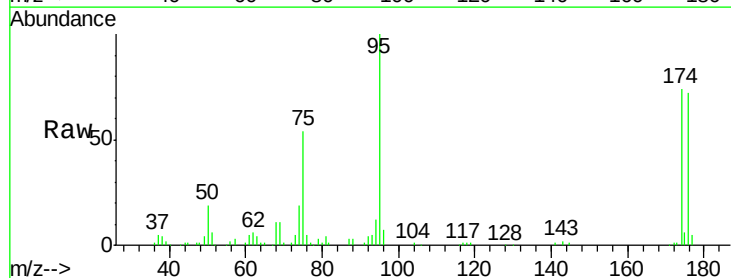
Tgt Ion: 95 Resp: 107601

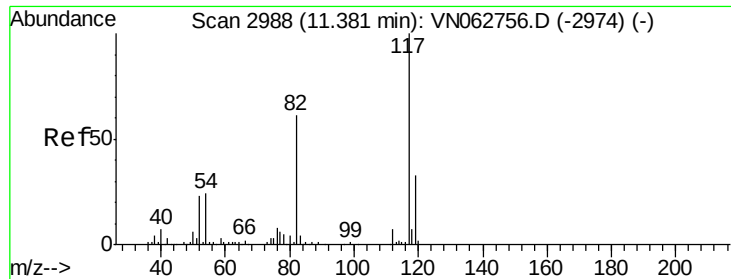
Ion Ratio Lower Upper

95 100

174 75.2 0.0 144.8

176 71.5 0.0 142.2

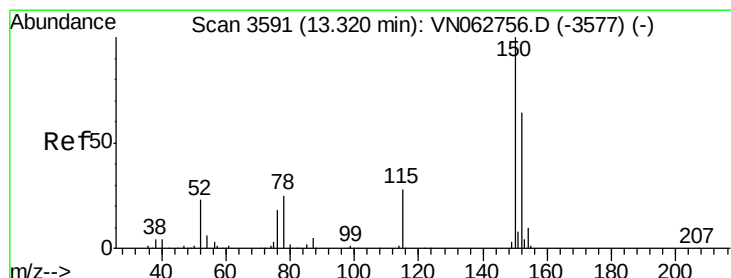
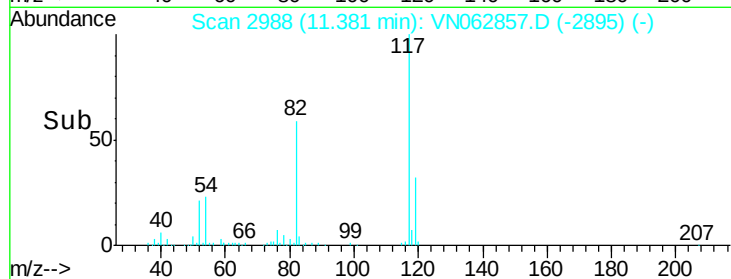
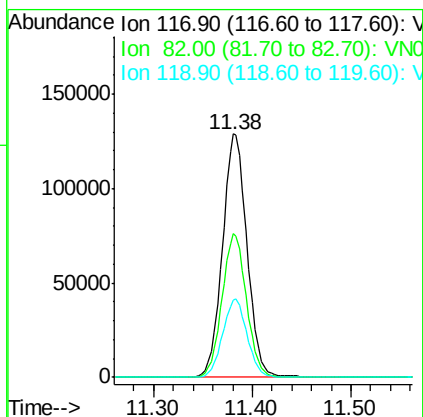
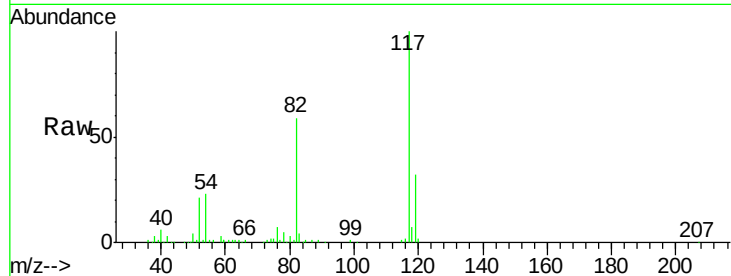




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062857.D
Acq: 12 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-618-620

Tot Ion:117 Resp: 224920
Ion Ratio Lower Upper
117 100
82 58.8 49.0 73.4
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062857.D
Acq: 12 Aug 2020 14:55

Tgt Ion:152 Resp: 83821
Ion Ratio Lower Upper
152 100
115 63.4 31.6 94.8
150 158.0 0.0 349.2

