

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062859.D
 Acq On : 12 Aug 2020 15:44
 Operator : JC/MD
 Sample : L3666-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-678-680

Quant Time: Aug 13 06:10:45 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	129055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	220583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	226713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83061	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	108955	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	7.55	113	76093	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	10.06	98	287828	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.38	95	106030	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	

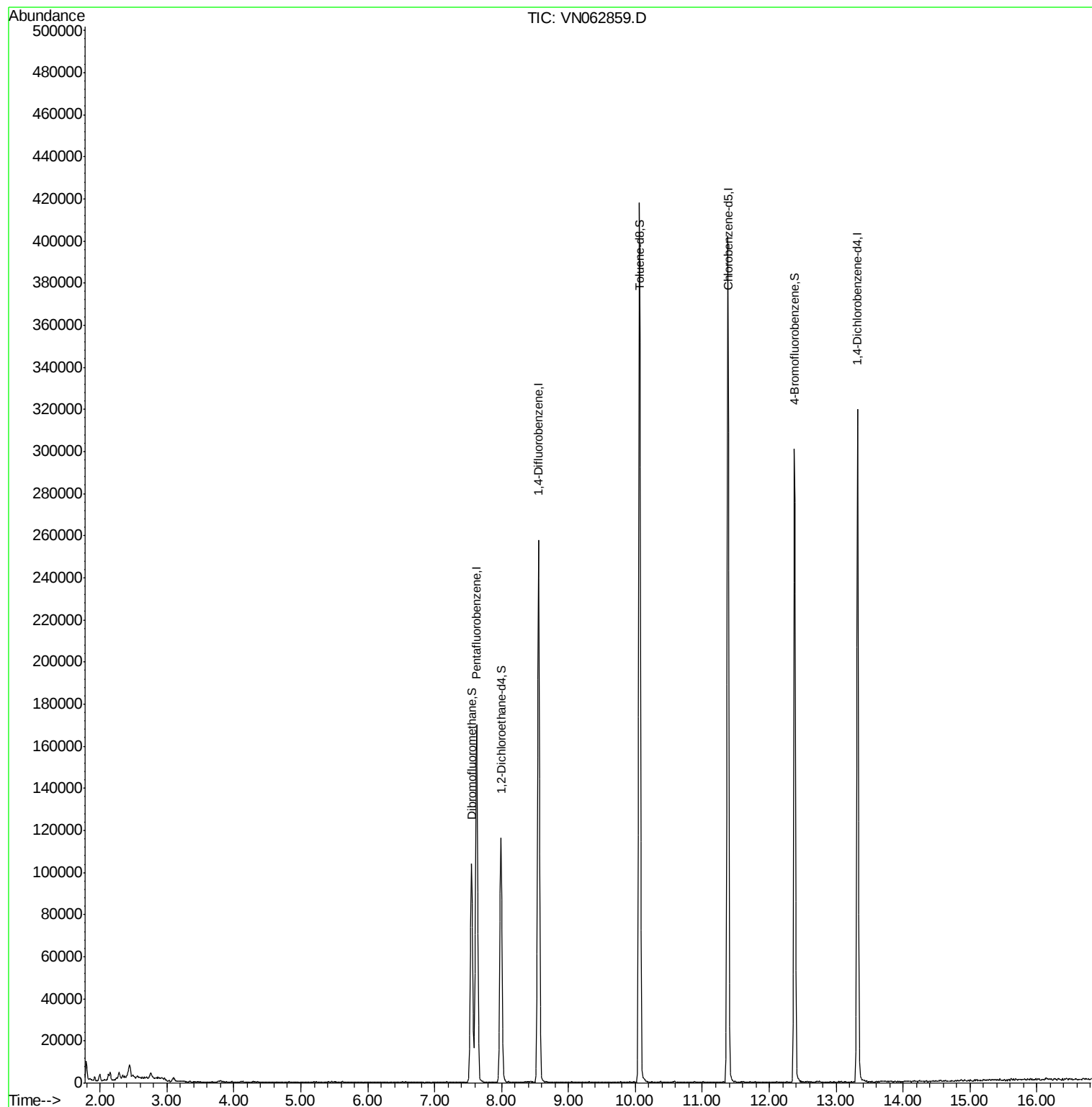
Target Compounds	Qvalue
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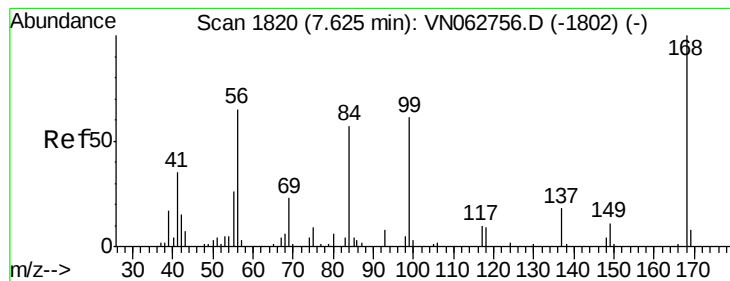
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062859.D

Acq: 12 Aug 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

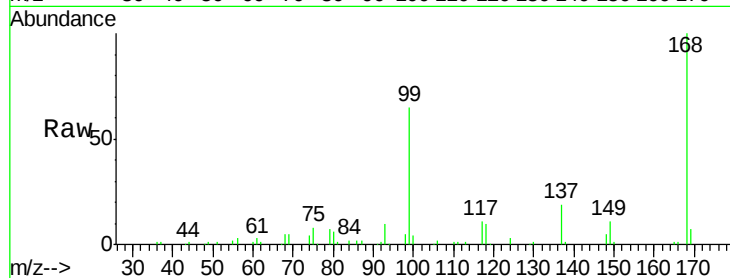
BP-VPB179-GW-678-680

Tot Ion:168 Resp: 129055

Ion Ratio Lower Upper

168 100

99 65.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

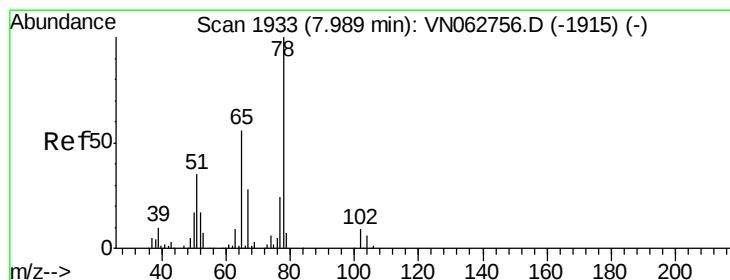
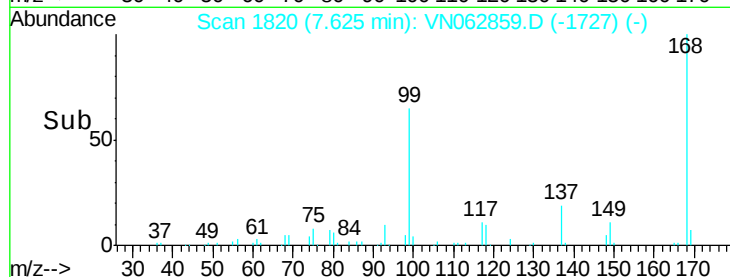
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.053 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062859.D

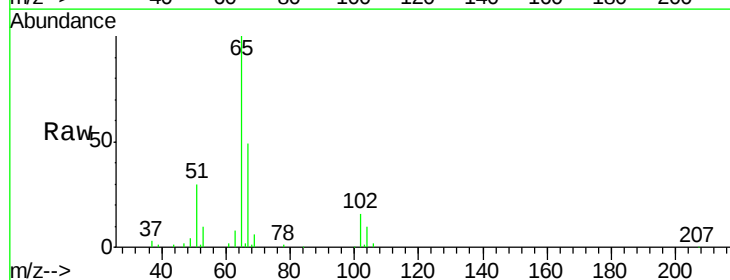
Acq: 12 Aug 2020 15:44

Tgt Ion: 65 Resp: 108955

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

50000

40000

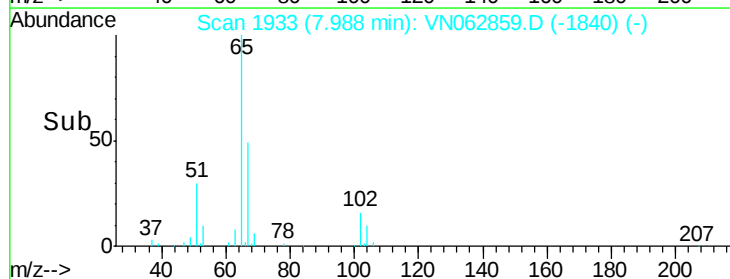
30000

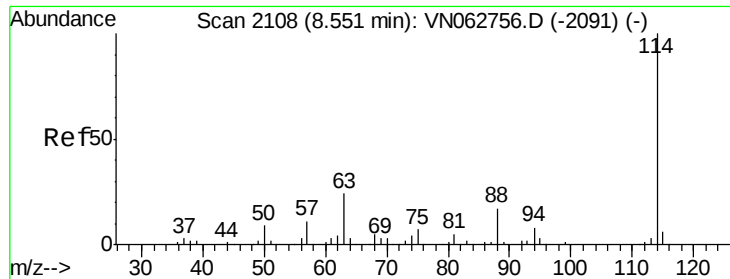
20000

10000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062859.D

Acq: 12 Aug 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-678-680

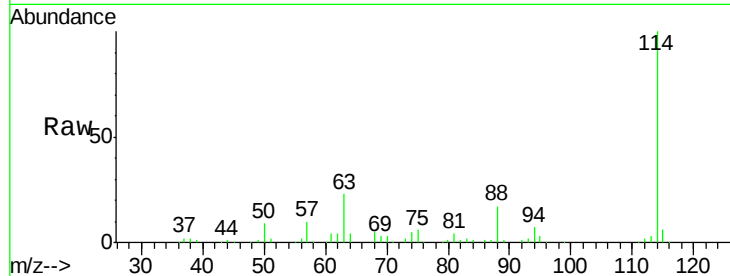
Tot Ion:114 Resp: 220583

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.6

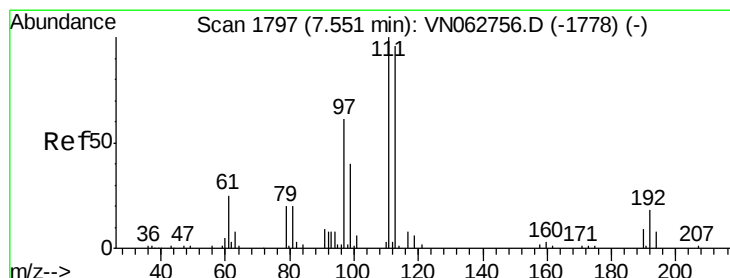
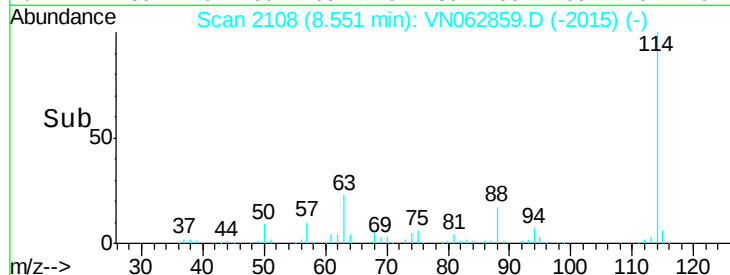
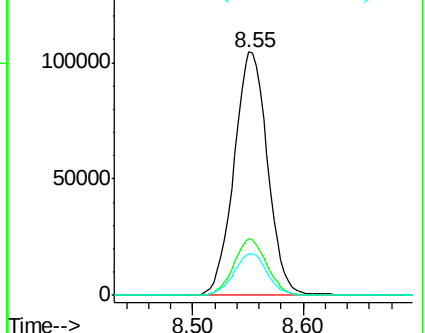
88 17.2 0.0 34.4



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



#35

Dibromofluoromethane

Concen: 50.429 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062859.D

Acq: 12 Aug 2020 15:44

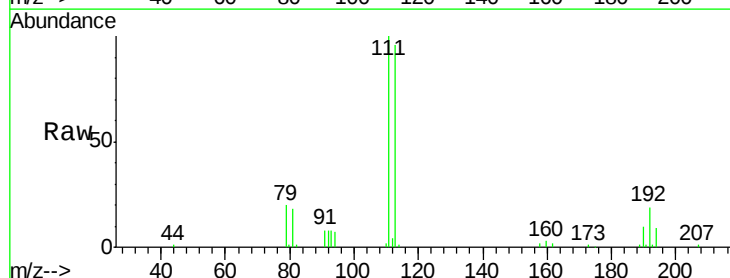
Tgt Ion:113 Resp: 76093

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.6

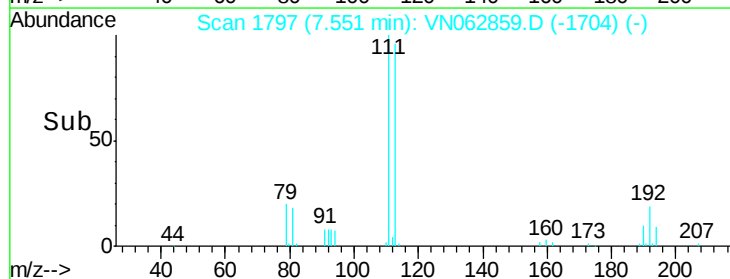
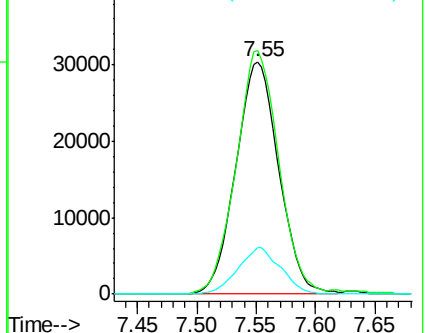
192 19.7 15.0 22.4

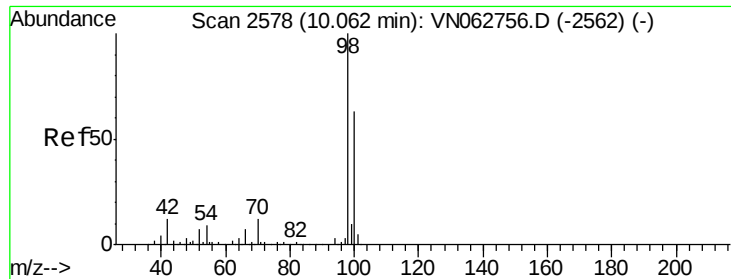


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.860 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062859.D

Acq: 12 Aug 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

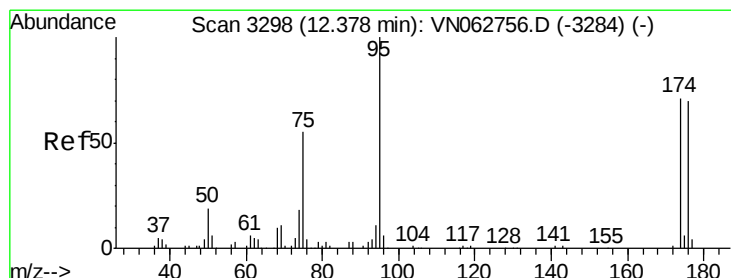
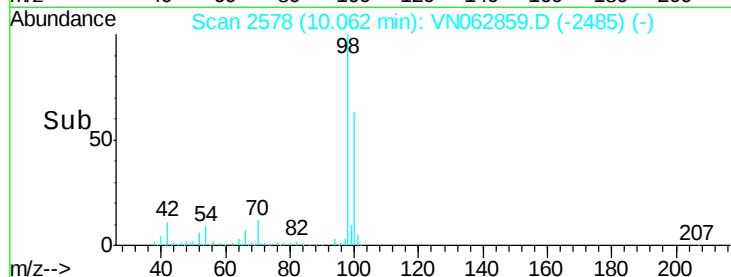
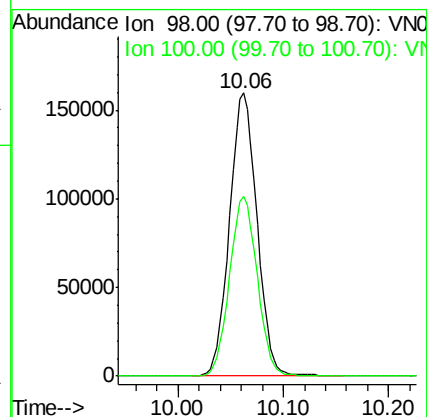
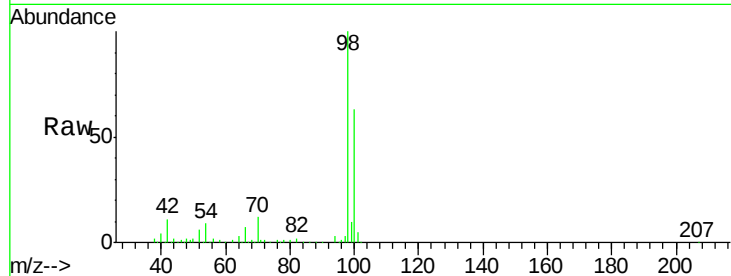
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Tot Ion: 98 Resp: 287828

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 47.629 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062859.D

Acq: 12 Aug 2020 15:44

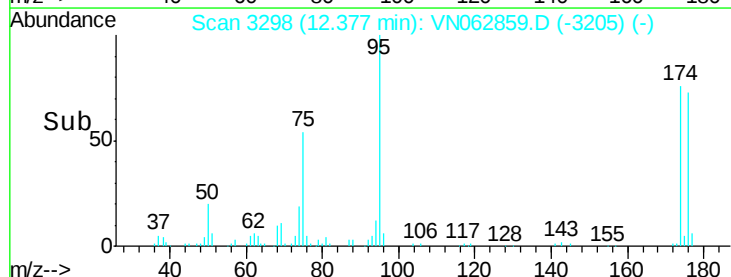
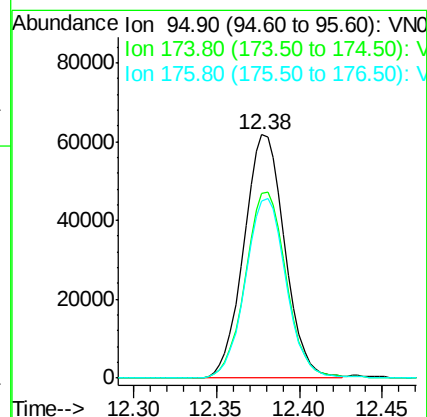
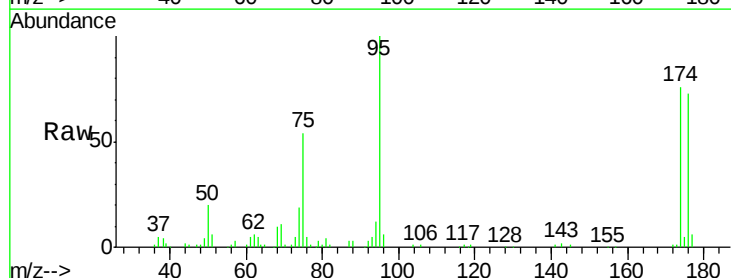
Tgt Ion: 95 Resp: 106030

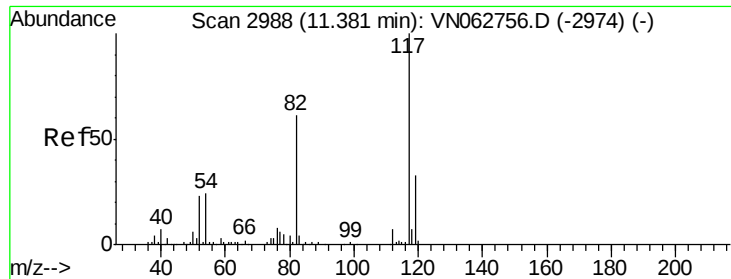
Ion Ratio Lower Upper

95 100

174 76.5 0.0 144.8

176 73.8 0.0 142.2

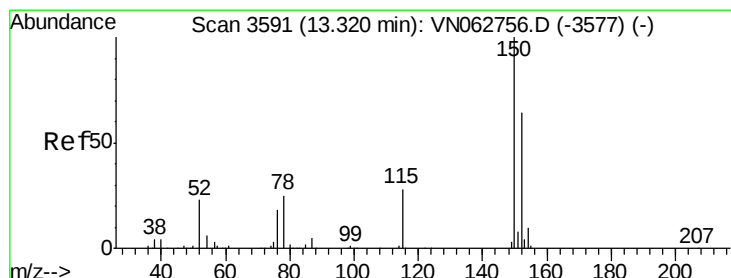
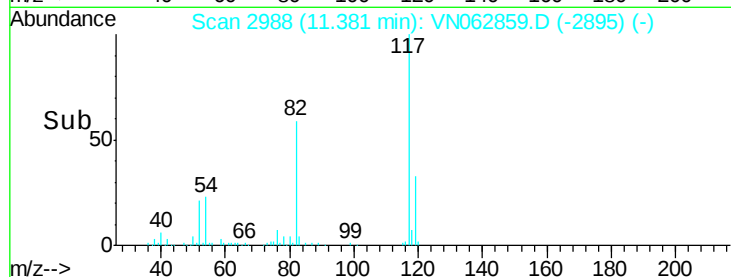
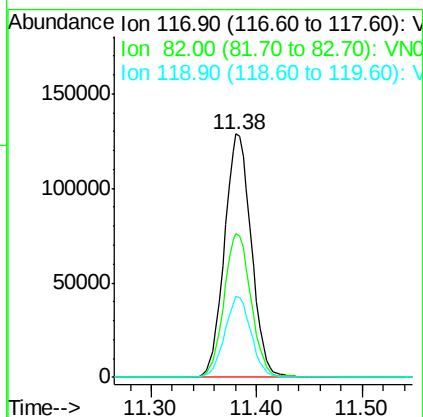
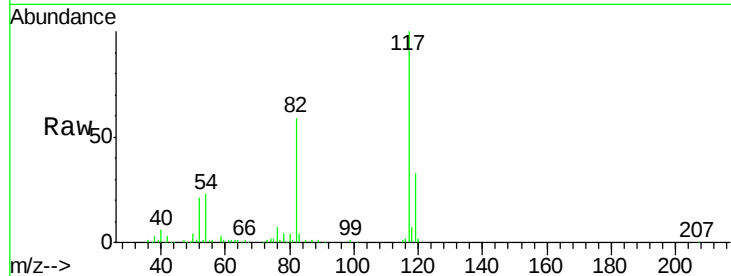




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062859.D
Acq: 12 Aug 2020 15:44

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-678-680

Tot Ion:117 Resp: 226713
Ion Ratio Lower Upper
117 100
82 59.2 49.0 73.4
119 33.1 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: VN062859.D
Acq: 12 Aug 2020 15:44

Tgt Ion:152 Resp: 83061
Ion Ratio Lower Upper
152 100
115 65.1 31.6 94.8
150 160.2 0.0 349.2

