

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064441.D
 Acq On : 4 Nov 2020 17:13
 Operator : JC/MD
 Sample : L4627-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-98-100

Quant Time: Nov 05 01:36:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

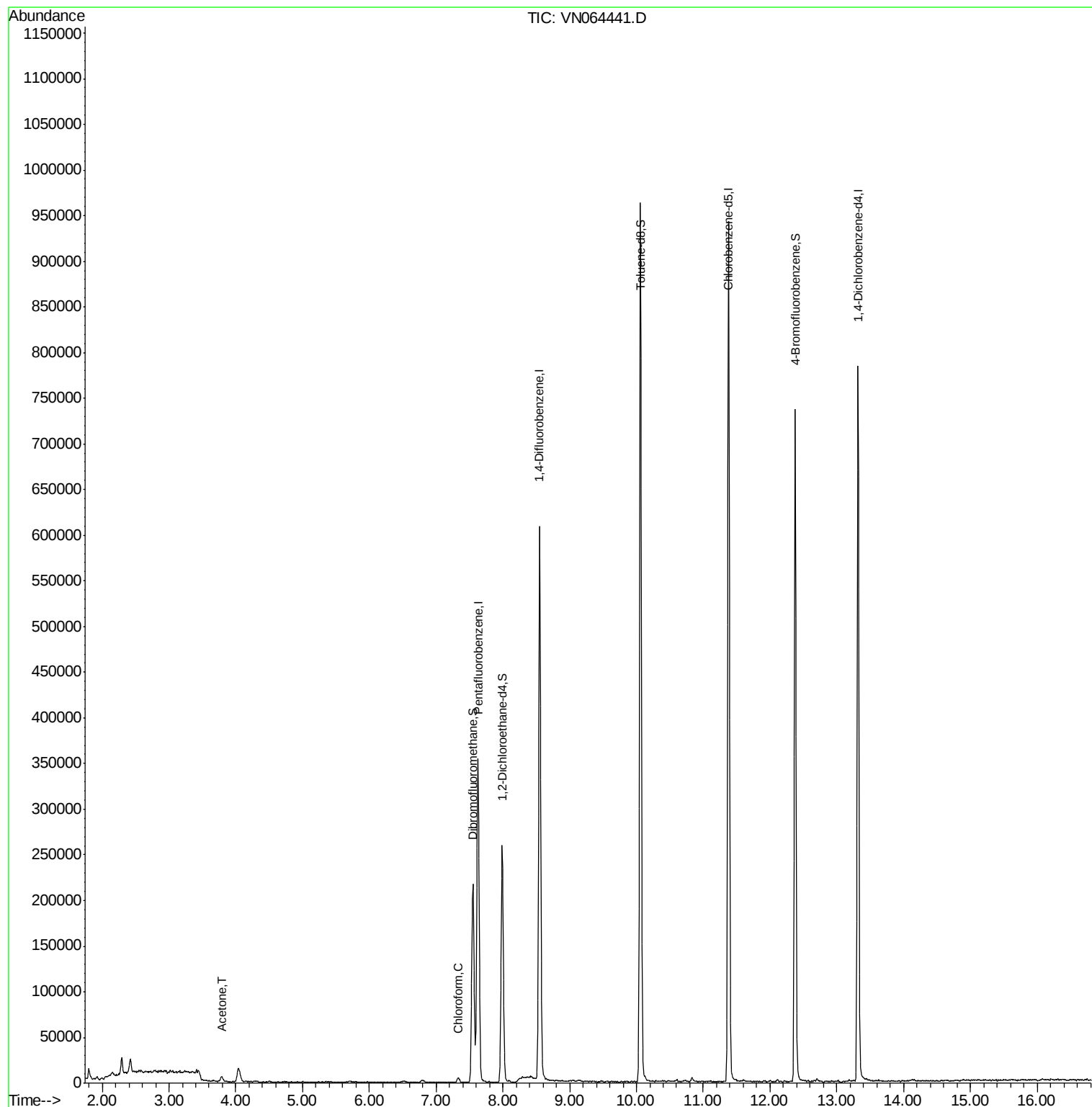
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	252696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	503019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	514446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	237021	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
35) Dibromofluoromethane	7.55	113	171307	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
50) Toluene-d8	10.06	98	642368	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.38	95	253101	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
Target Compounds						
16) Acetone	3.79	43	9295	5.544	ug/l	97
30) Chloroform	7.33	83	5143	0.793	ug/l #	82

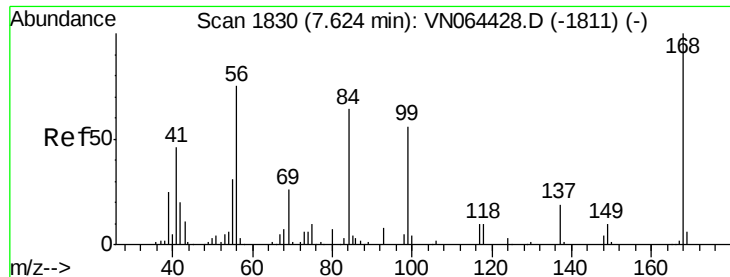
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064441.D

Acq: 4 Nov 2020 17:13

Instrument :

MSVOA_N

ClientSampleId :

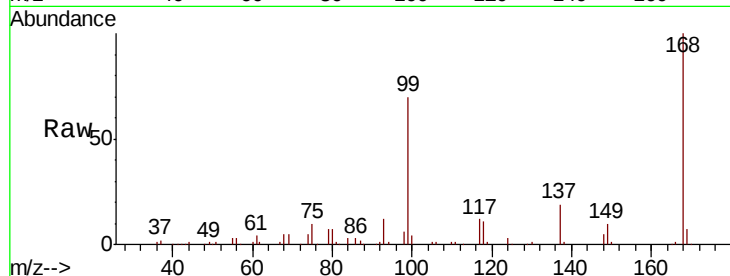
BP-VPB178-GW-98-100

Tot Ion:168 Resp: 252696

Ion Ratio Lower Upper

168 100

99 70.2 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

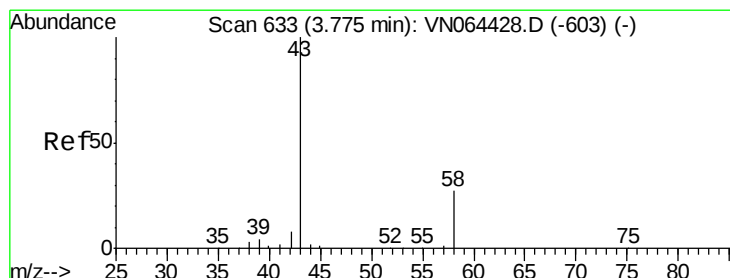
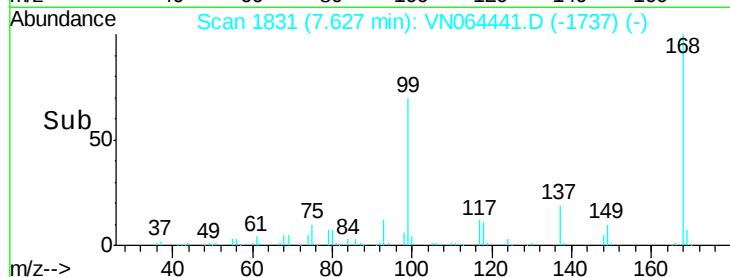
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.544 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064441.D

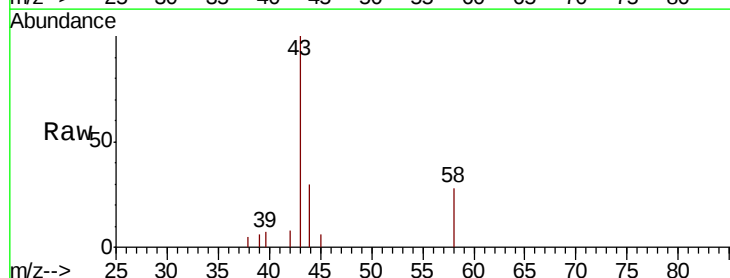
Acq: 4 Nov 2020 17:13

Tgt Ion: 43 Resp: 9295

Ion Ratio Lower Upper

43 100

58 28.5 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

4000

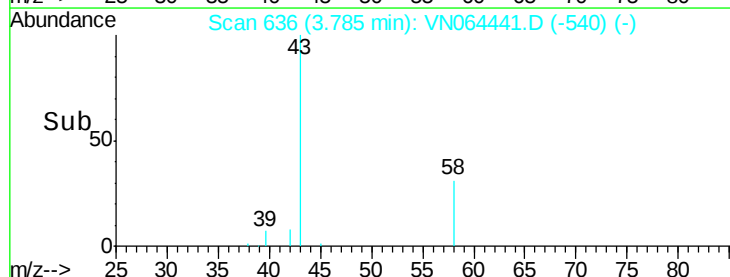
3000

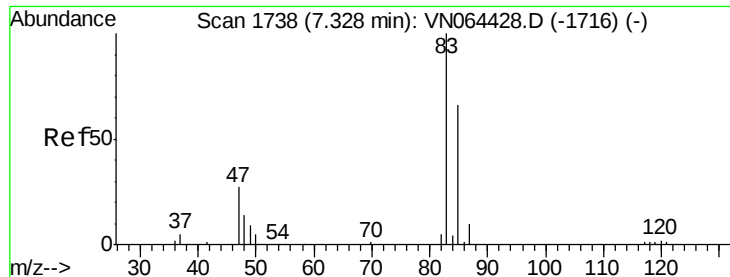
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#30

Chloroform

Concen: 0.793 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064441.D

Acq: 4 Nov 2020 17:13

Instrument :

MSVOA_N

ClientSampleId :

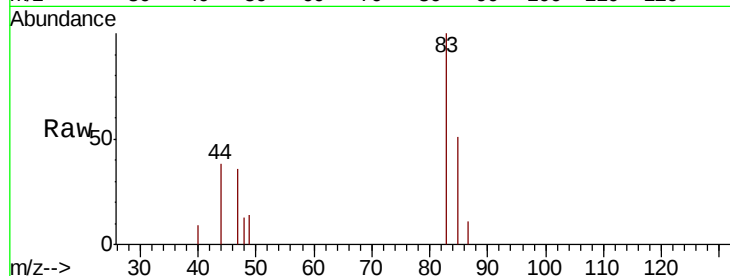
BP-VPB178-GW-98-100

Tot Ion: 83 Resp: 5143

Ion Ratio Lower Upper

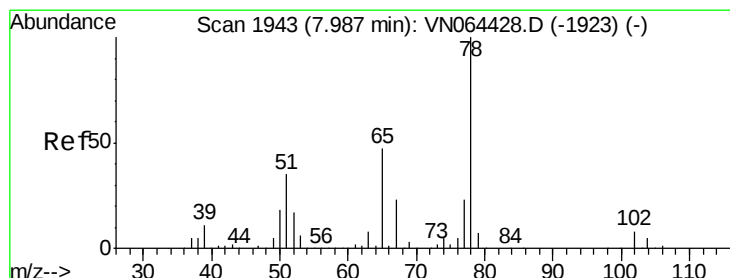
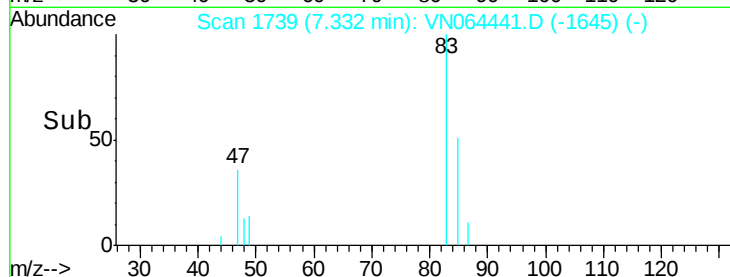
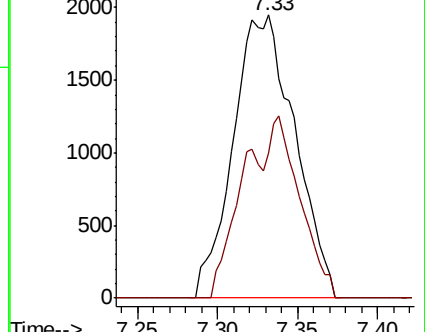
83 100

85 51.3 52.5 78.7#



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-1716) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-1716) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.849 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064441.D

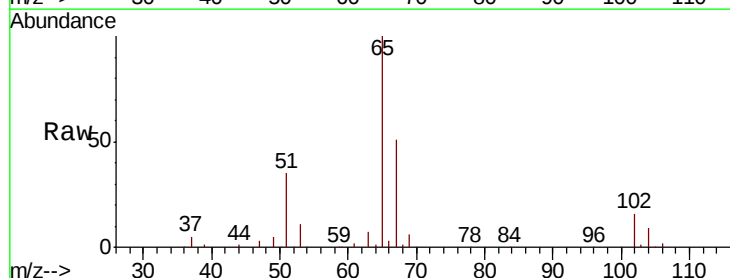
Acq: 4 Nov 2020 17:13

Tgt Ion: 65 Resp: 237021

Ion Ratio Lower Upper

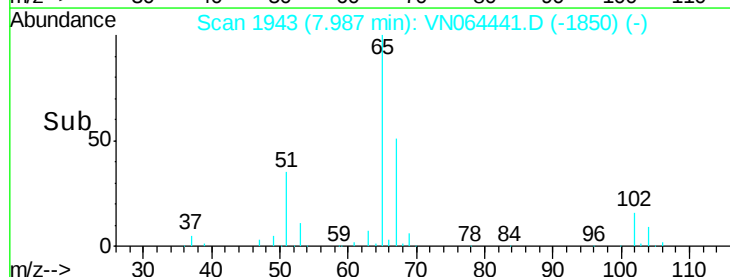
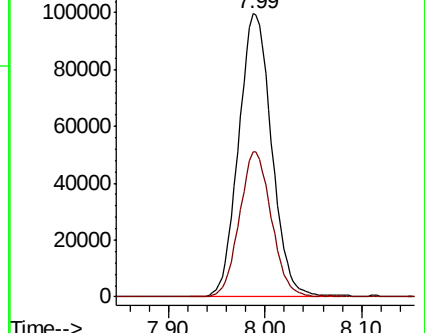
65 100

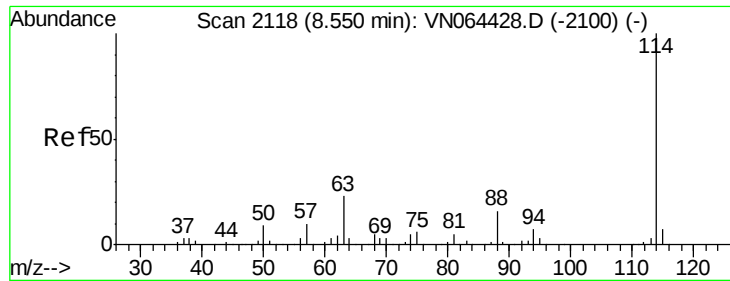
67 49.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)

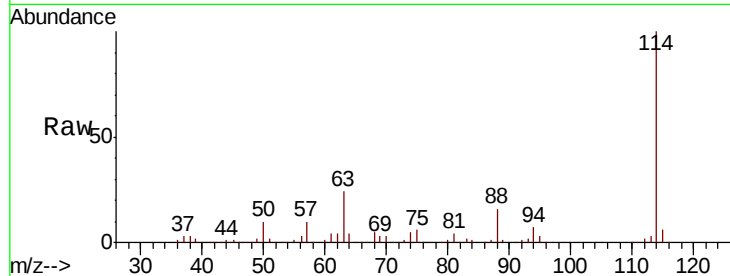




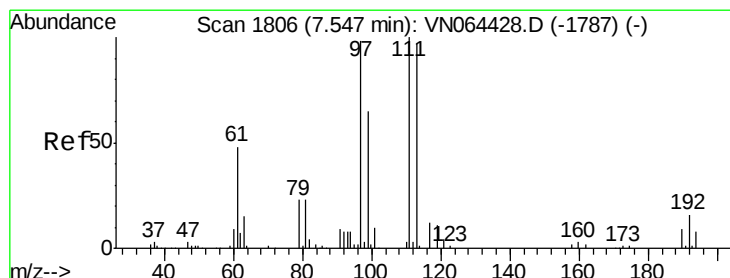
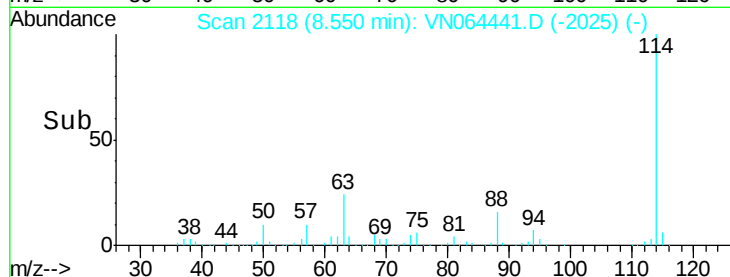
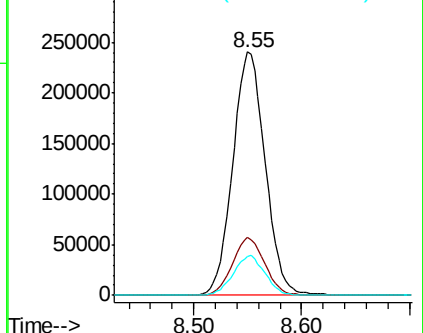
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064441.D
 Acq: 4 Nov 2020 17:13

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-98-100

Tot Ion:114 Resp: 503019
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 45.6
 88 16.2 0.0 32.8

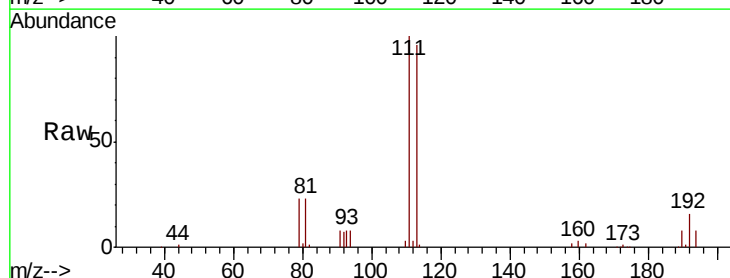


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

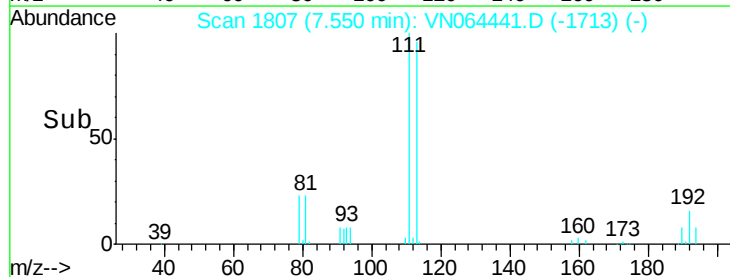
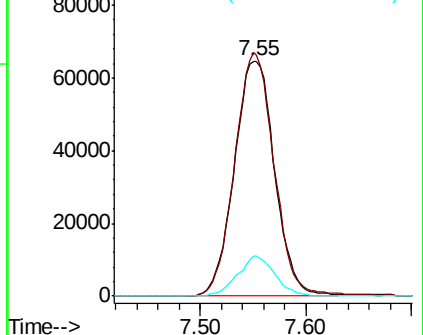


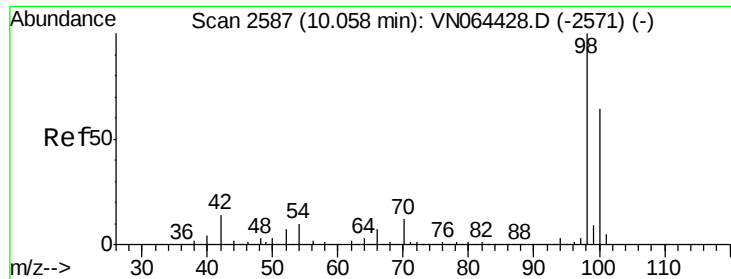
#35
 Dibromofluoromethane
 Concen: 50.019 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064441.D
 Acq: 4 Nov 2020 17:13

Tgt Ion:113 Resp: 171307
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.1 121.7
 192 15.9 12.8 19.2



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: 48.528 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064441.D

Acq: 4 Nov 2020 17:13

Instrument :

MSVOA_N

ClientSampleId :

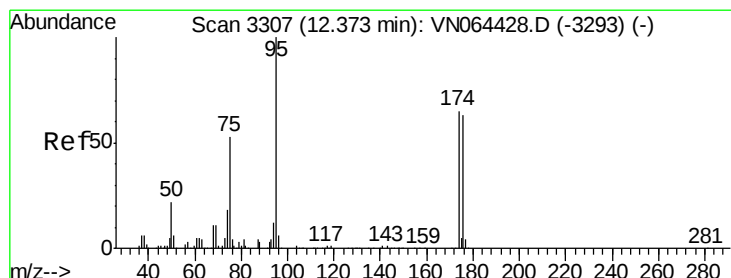
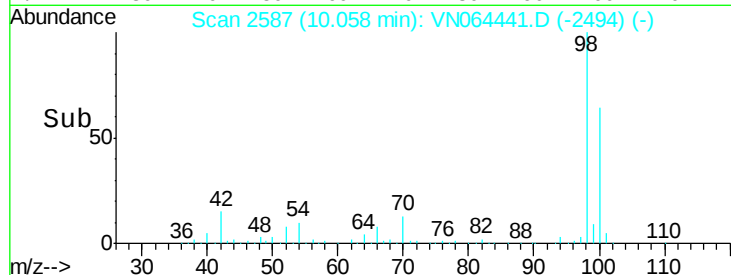
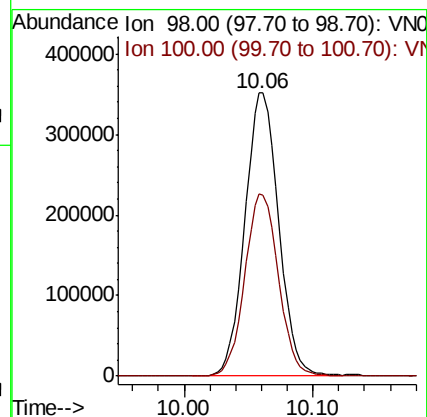
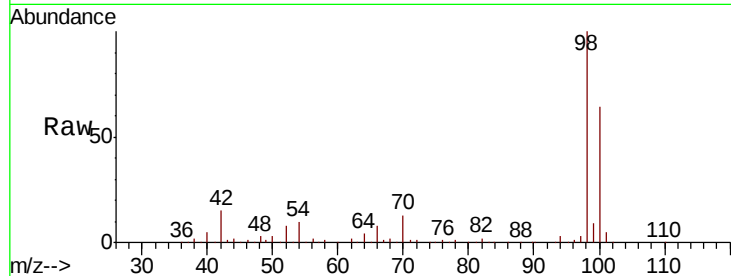
BP-VPB178-GW-98-100

Tot Ion: 98 Resp: 642368

Ion Ratio Lower Upper

98 100

100 64.2 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 50.558 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064441.D

Acq: 4 Nov 2020 17:13

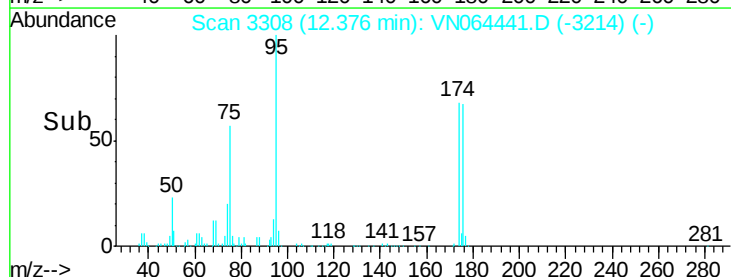
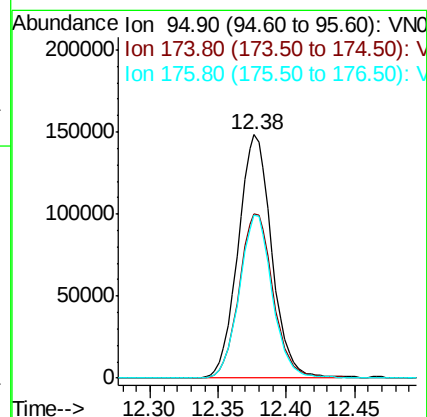
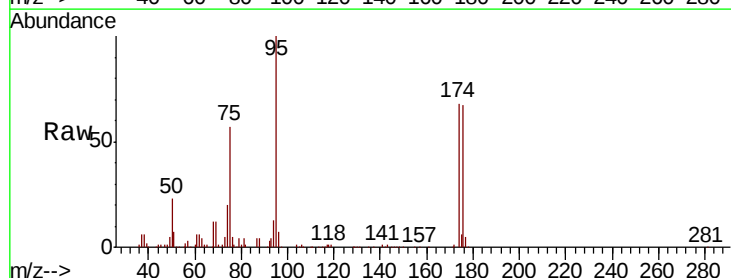
Tgt Ion: 95 Resp: 253101

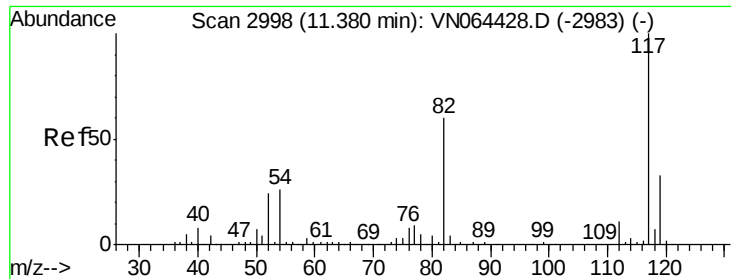
Ion Ratio Lower Upper

95 100

174 68.6 0.0 132.6

176 65.7 0.0 129.2

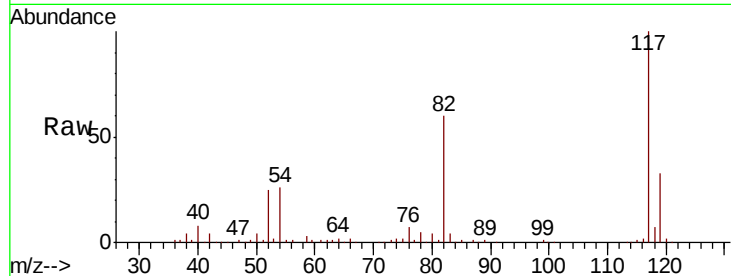




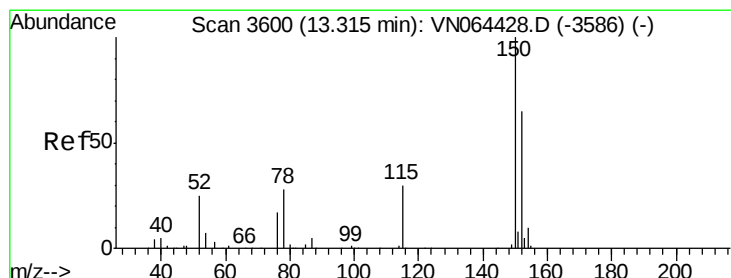
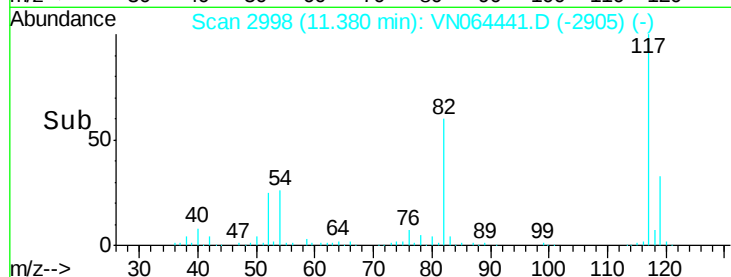
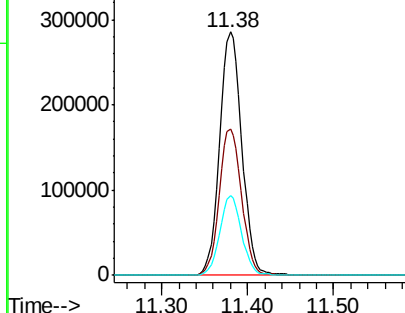
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064441.D
Acq: 4 Nov 2020 17:13

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-98-100

Tot Ion:117 Resp: 514446
Ion Ratio Lower Upper
117 100
82 60.3 48.1 72.1
119 32.8 26.2 39.4

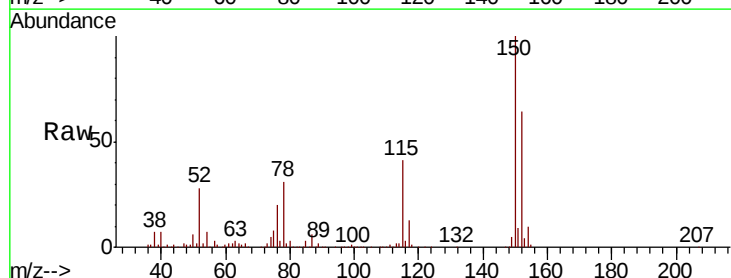


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064441.D
Acq: 4 Nov 2020 17:13

Tgt Ion:152 Resp: 196116
Ion Ratio Lower Upper
152 100
115 65.6 32.0 96.0
150 155.8 0.0 353.8



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

