

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064630.D
 Acq On : 13 Nov 2020 14:36
 Operator : JC/MD
 Sample : L4747-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-578-580

Quant Time: Nov 17 02:44:56 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

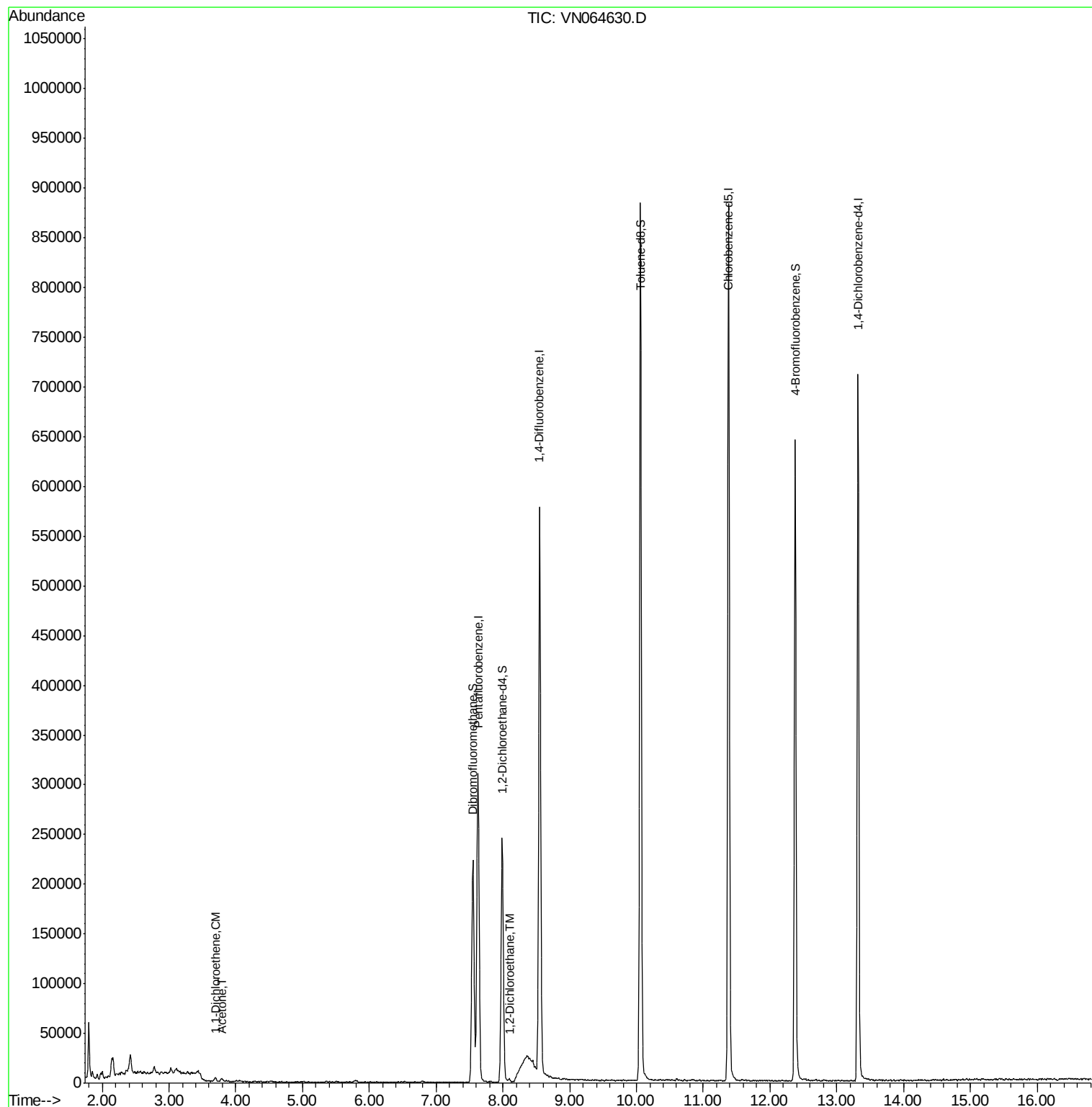
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	220778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	467645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	472439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	224392	58.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.70%	
35) Dibromofluoromethane	7.55	113	168727	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
50) Toluene-d8	10.06	98	587912	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
62) 4-Bromofluorobenzene	12.38	95	220446	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
Target Compounds						
12) 1,1-Dichloroethene	3.70	96	1555	0.659	ug/l #	52
16) Acetone	3.79	43	5870	4.007	ug/l #	72
42) 1,2-Dichloroethane	8.09	62	2845	0.486	ug/l	92

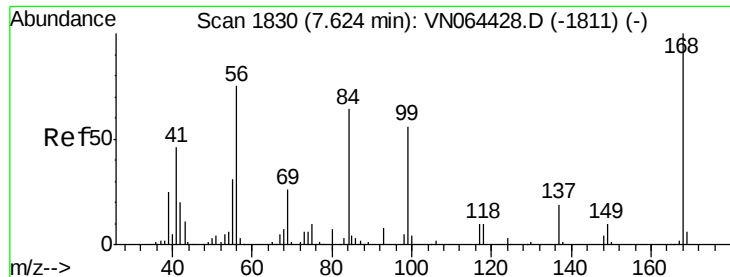
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 12:09:03 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN064630.D

Acq: 13 Nov 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

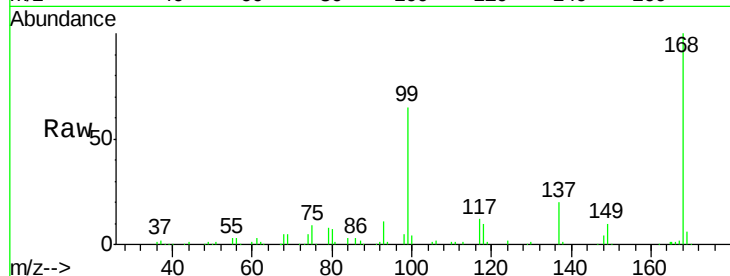
BP-VPB178-GW-578-580

Tot Ion:168 Resp: 220778

Ion Ratio Lower Upper

168 100

99 64.5 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

100000

80000

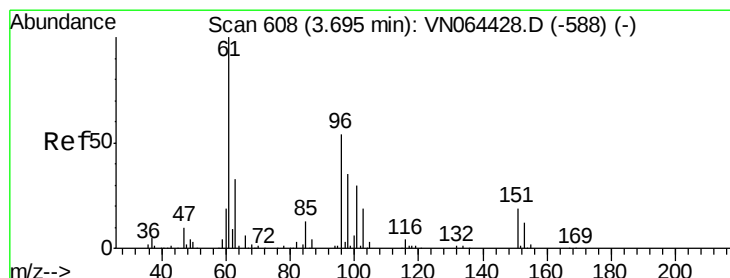
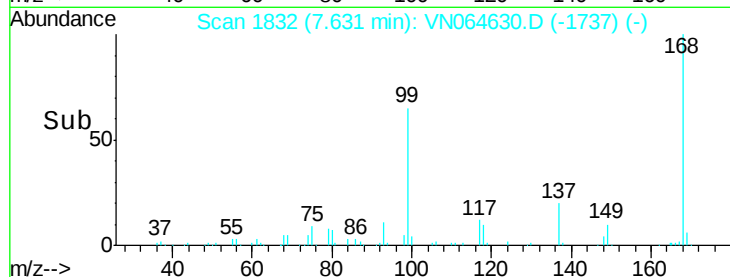
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.659 ug/l

RT: 3.70 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN064630.D

Acq: 13 Nov 2020 14:36

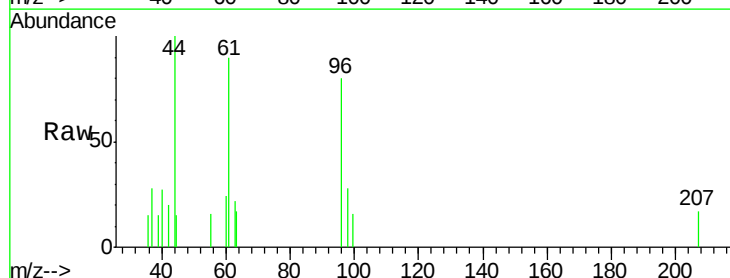
Tgt Ion: 96 Resp: 1555

Ion Ratio Lower Upper

96 100

61 111.8 149.5 224.3#

98 34.7 52.4 78.6#



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

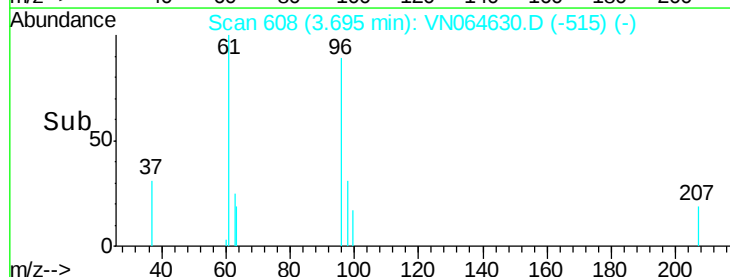
1500

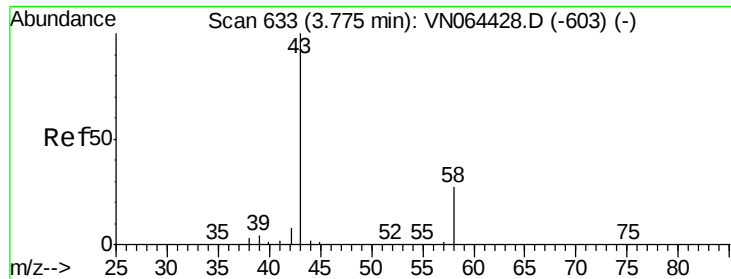
1000

500

0

Time-->





#16

Acetone

Concen: 4.007 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064630.D

Acq: 13 Nov 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

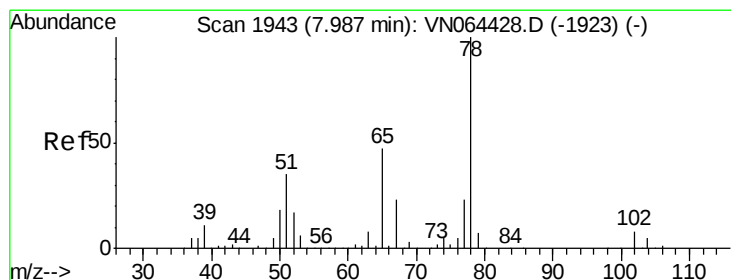
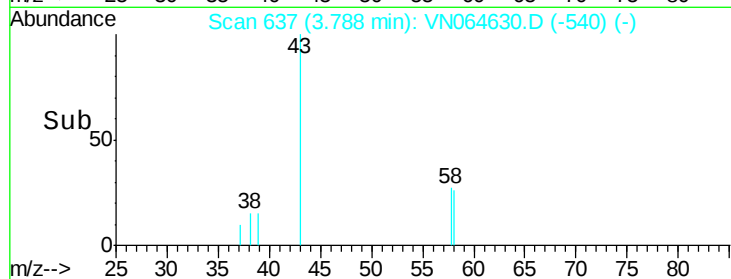
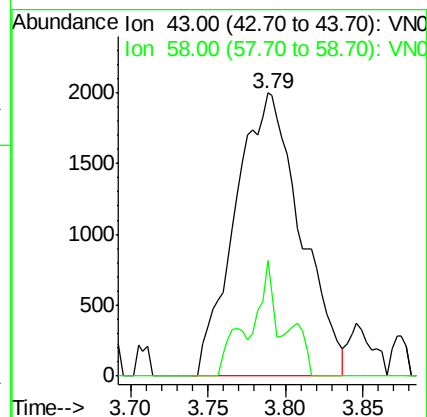
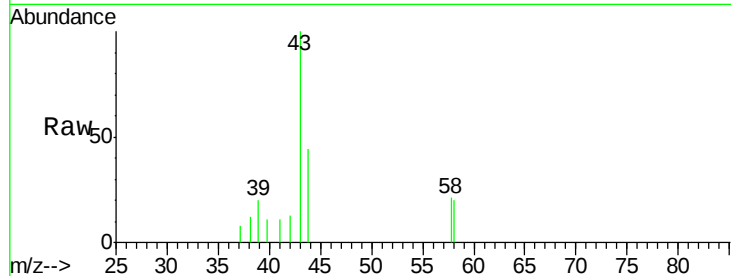
BP-VPB178-GW-578-580

Tot Ion: 43 Resp: 5870

Ion Ratio Lower Upper

43 100

58 40.9 21.4 32.0#



#33

1,2-Dichloroethane-d4

Concen: 58.350 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064630.D

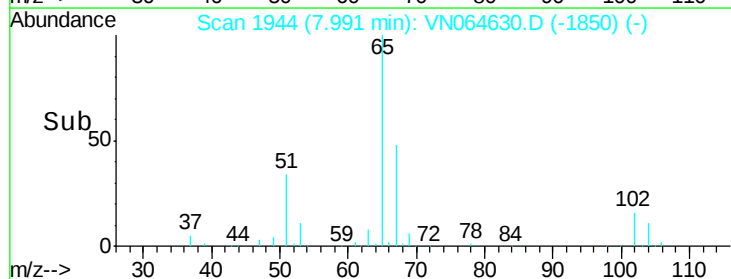
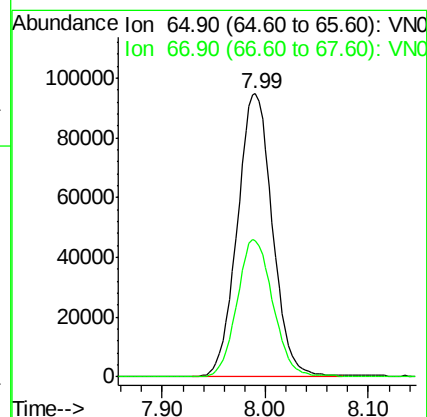
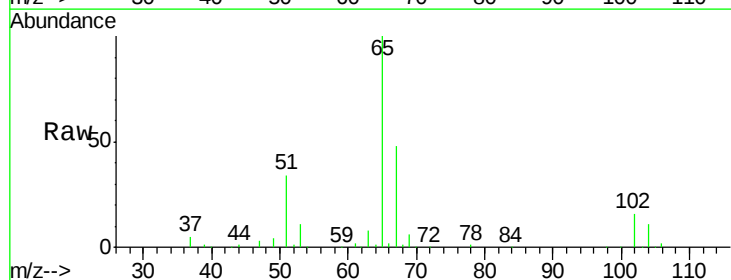
Acq: 13 Nov 2020 14:36

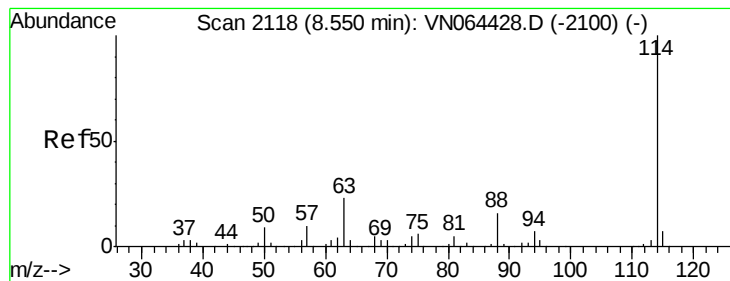
Tgt Ion: 65 Resp: 224392

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064630.D

Acq: 13 Nov 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-578-580

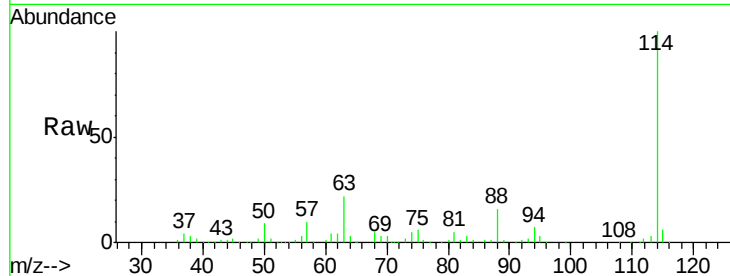
Tot Ion:114 Resp: 467645

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

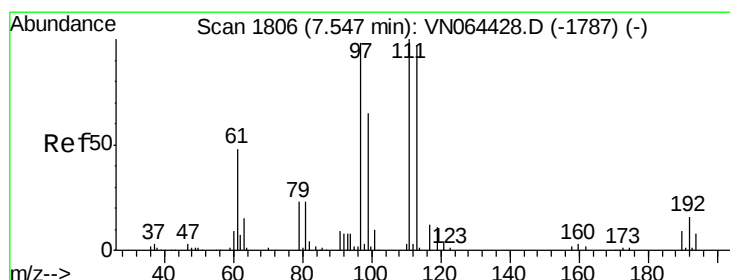
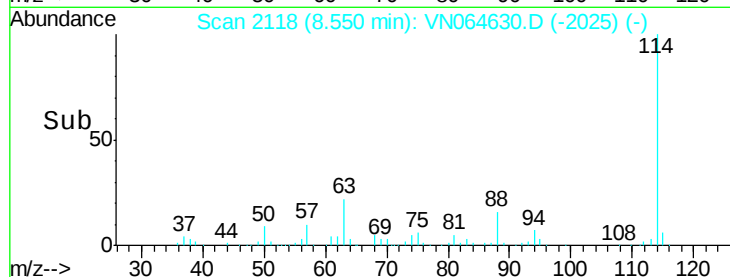
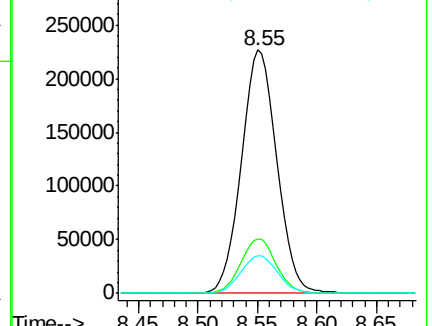
88 15.5 0.0 32.8



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: 52.992 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064630.D

Acq: 13 Nov 2020 14:36

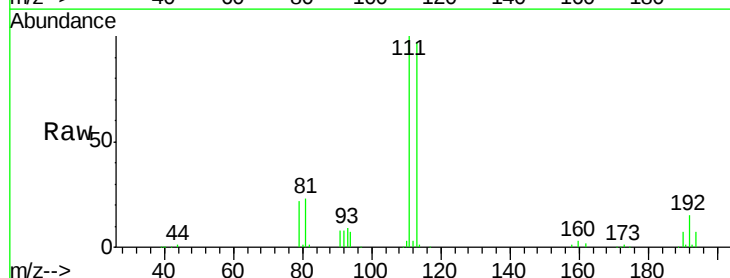
Tgt Ion:113 Resp: 168727

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

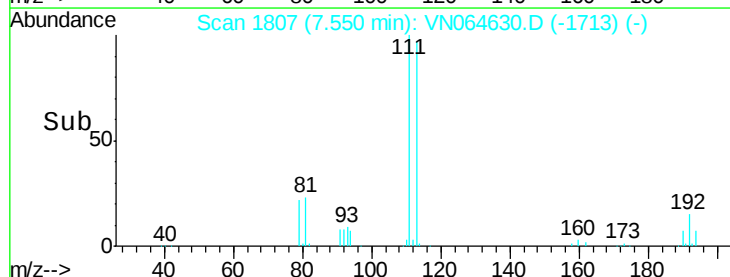
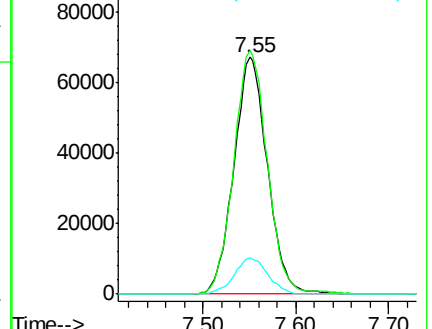
192 15.2 12.8 19.2

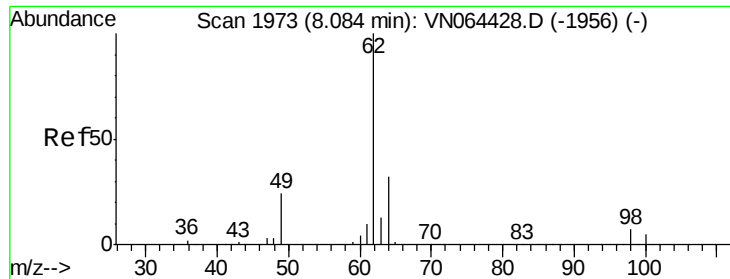


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

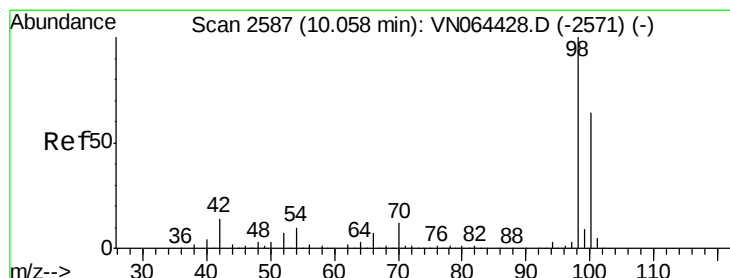
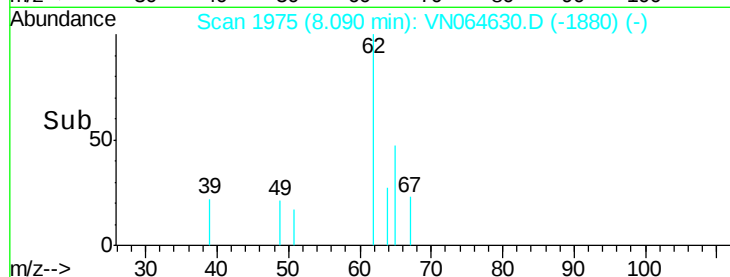
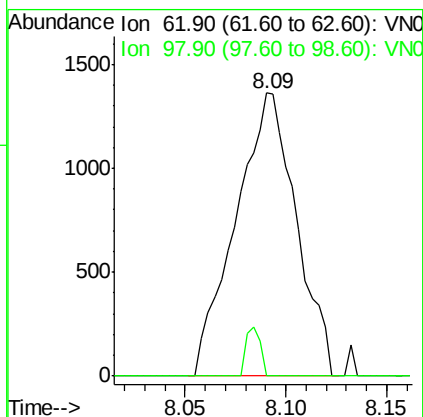
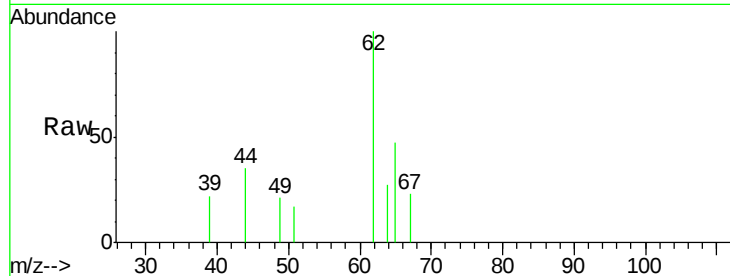




#42
 1,2-Dichloroethane
 Concen: 0.486 ug/l
 RT: 8.09 min Scan# 1975
 Delta R.T. 0.01 min
 Lab File: VN064630.D
 Acq: 13 Nov 2020 14:36

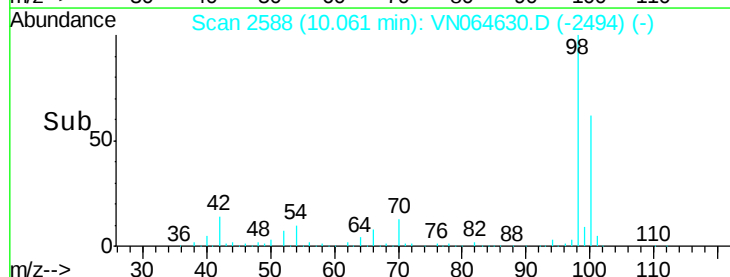
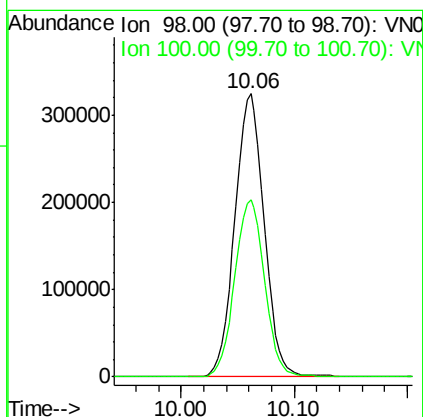
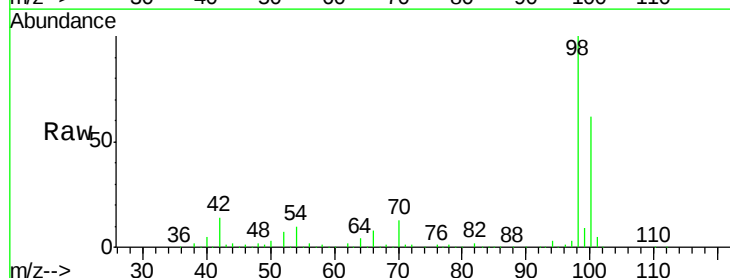
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-578-580

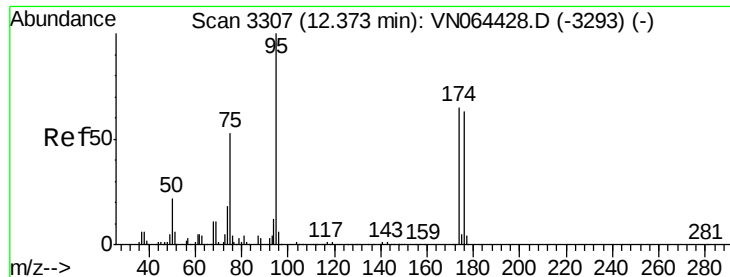
Tot Ion: 62 Resp: 2845
 Ion Ratio Lower Upper
 62 100
 98 4.1 0.0 14.0



#50
 Toluene-d8
 Concen: 47.773 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064630.D
 Acq: 13 Nov 2020 14:36

Tgt Ion: 98 Resp: 587912
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 47.366 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064630.D

Acq: 13 Nov 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-578-580

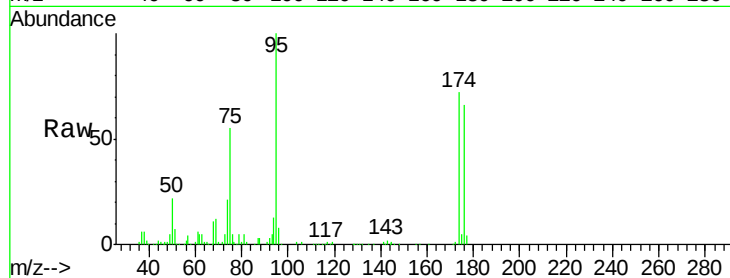
Tot Ion: 95 Resp: 220446

Ion Ratio Lower Upper

95 100

174 71.8 0.0 132.6

176 67.6 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

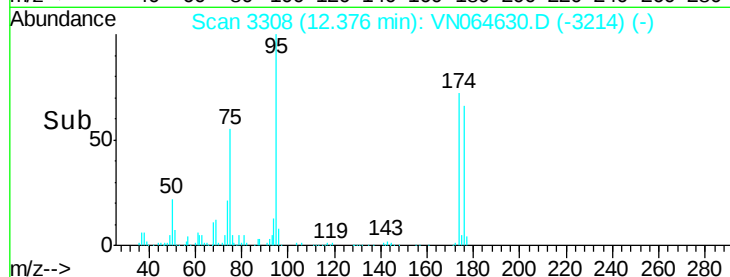
12.38

100000

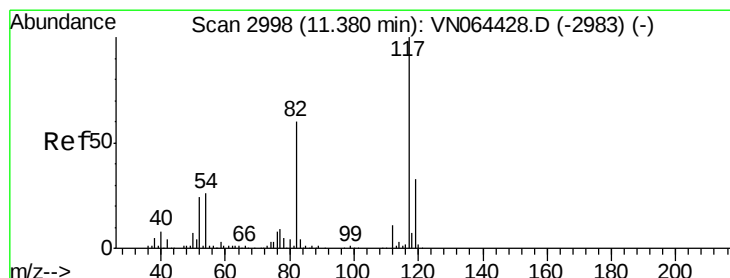
50000

0

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064630.D

Acq: 13 Nov 2020 14:36

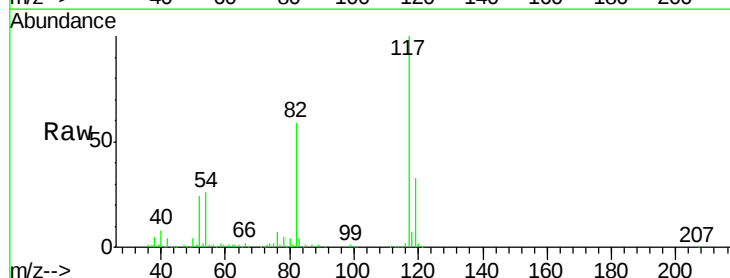
Tgt Ion: 117 Resp: 472439

Ion Ratio Lower Upper

117 100

82 59.4 48.1 72.1

119 33.0 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VN064428.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064428.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064428.D (-2983) (-)

11.38

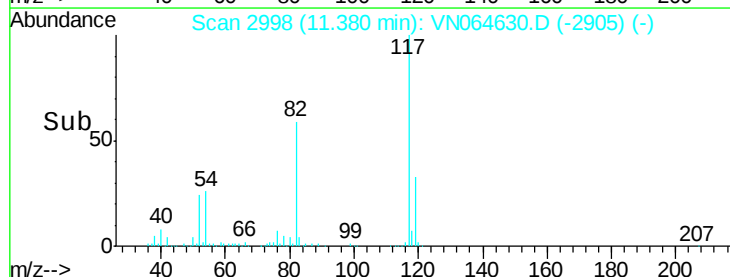
300000

200000

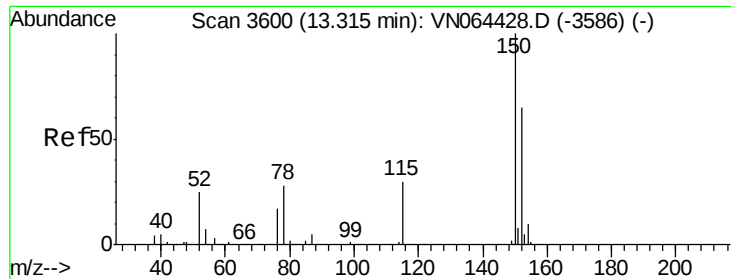
100000

0

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064630.D

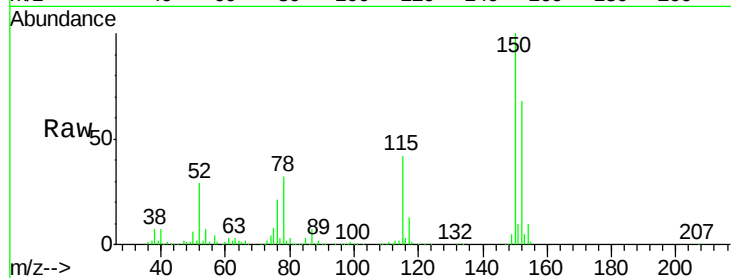
Acq: 13 Nov 2020 14:36

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BP-VPB178-GW-578-580



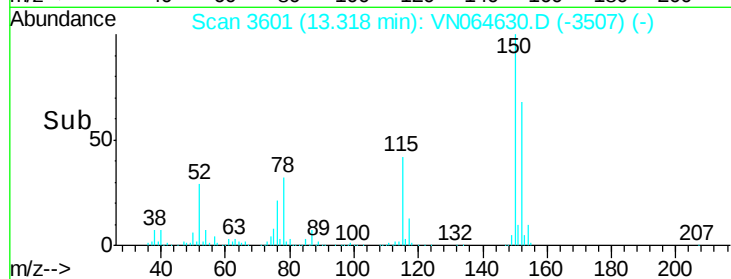
Tot Ion:152 Resp: 179930

Ion Ratio Lower Upper

152 100

115 63.3 32.0 96.0

150 153.5 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

