

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064442.D
 Acq On : 4 Nov 2020 17:37
 Operator : JC/MD
 Sample : L4627-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-153-155

Quant Time: Nov 05 01:40:25 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

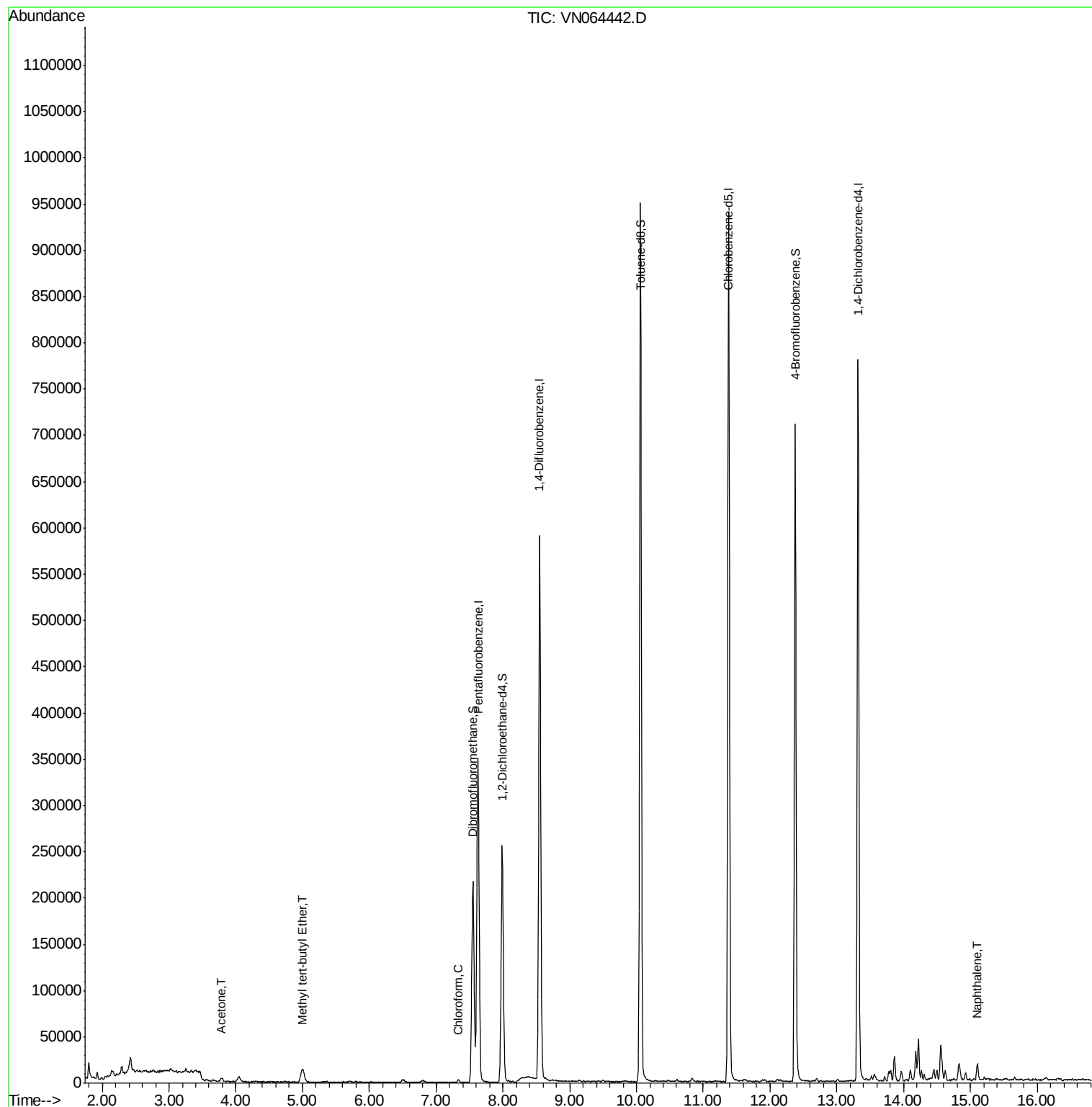
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	488275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	227605	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
35) Dibromofluoromethane	7.55	113	162790	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	10.06	98	621842	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	12.38	95	245521	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
Target Compounds						
16) Acetone	3.78	43	6529	4.025	ug/l #	77
19) Methyl tert-butyl Ether	5.00	73	22642	2.406	ug/l	97
30) Chloroform	7.33	83	2323	0.370	ug/l	97
95) Naphthalene	15.11	128	15547	4.975	ug/l #	90

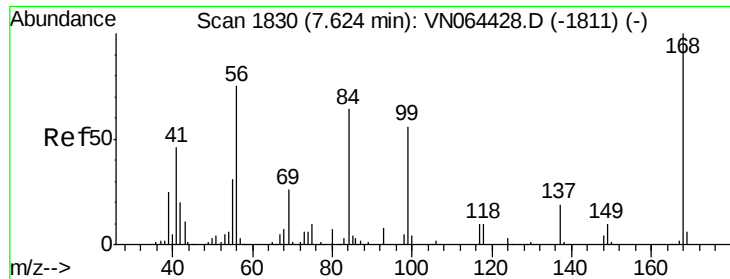
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064442.D

Acq: 4 Nov 2020 17:37

Instrument :

MSVOA_N

ClientSampleId :

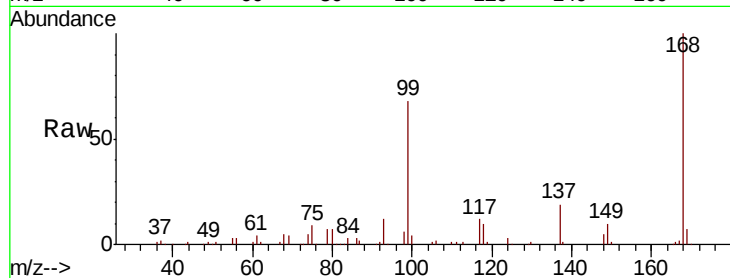
BP-VPB178-GW-153-155

Tot Ion:168 Resp: 244491

Ion Ratio Lower Upper

168 100

99 67.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): VN064442.D (-1737) (-)

Ion 98.90 (98.60 to 99.60): VN064442.D (-1737) (-)

7.63

120000

100000

80000

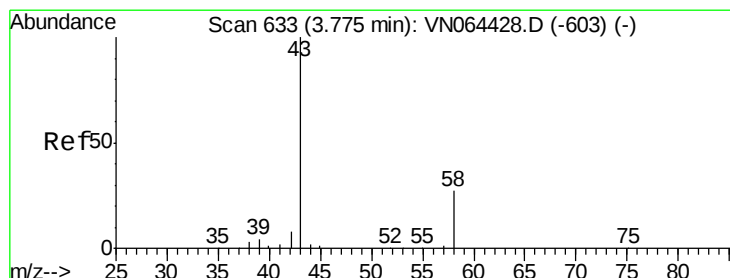
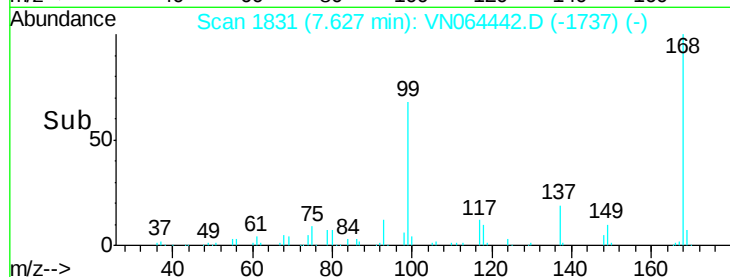
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.025 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064442.D

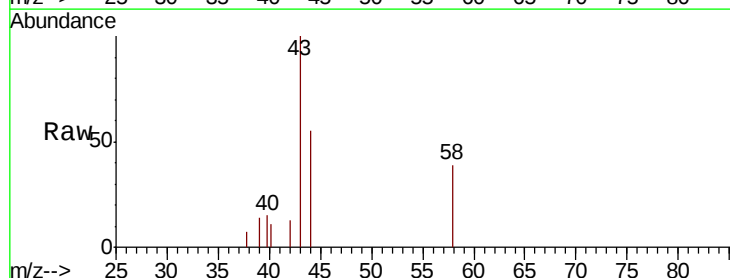
Acq: 4 Nov 2020 17:37

Tgt Ion: 43 Resp: 6529

Ion Ratio Lower Upper

43 100

58 38.7 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VN064442.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064442.D (-540) (-)

3.78

2500

2000

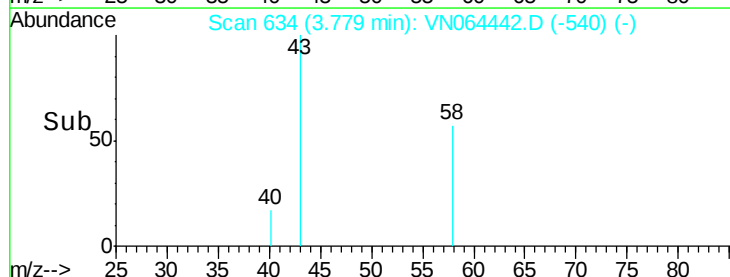
1500

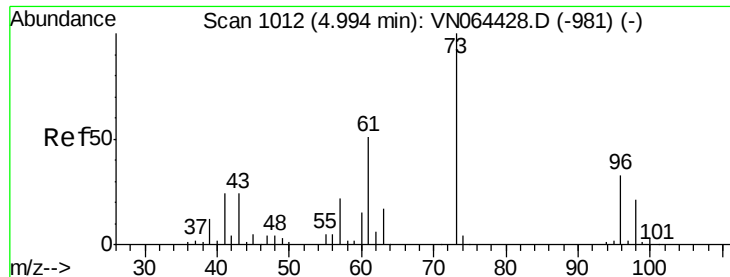
1000

500

0

Time-->

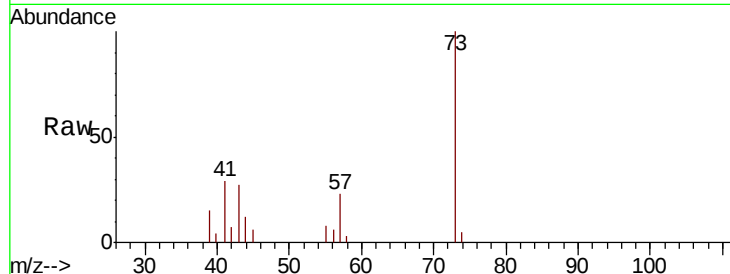




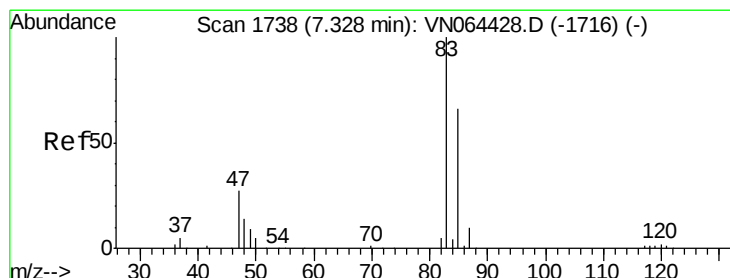
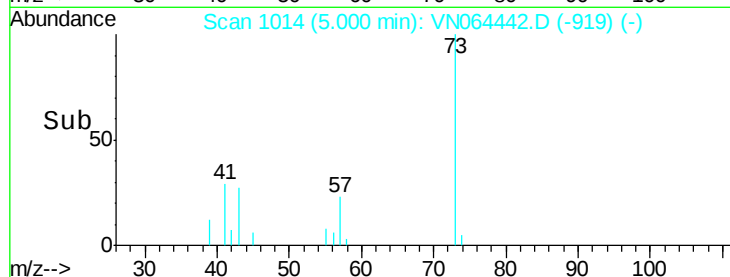
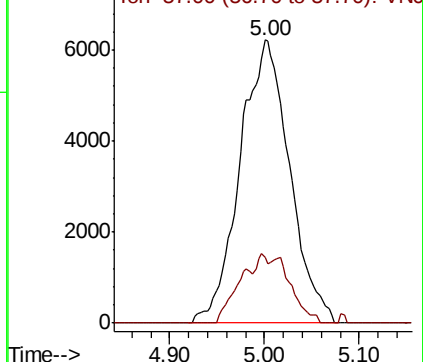
#19
Methvl tert-butvl Ether
Concen: 2.406 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VN064442.D
Acq: 4 Nov 2020 17:37

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-153-155

Tot Ion: 73 Resp: 22642
Ion Ratio Lower Upper
73 100
57 23.4 17.7 26.5

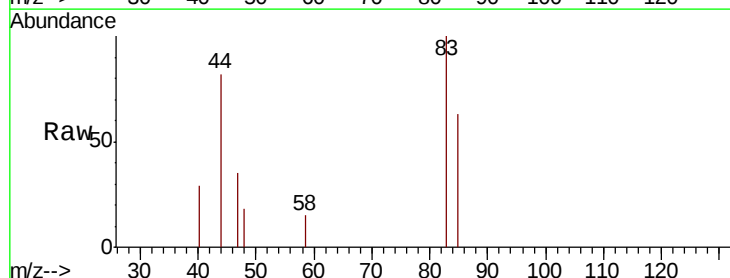


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

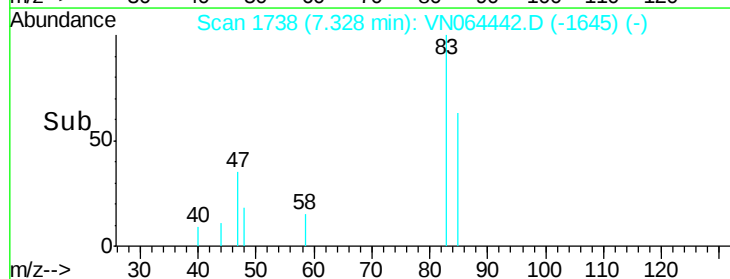
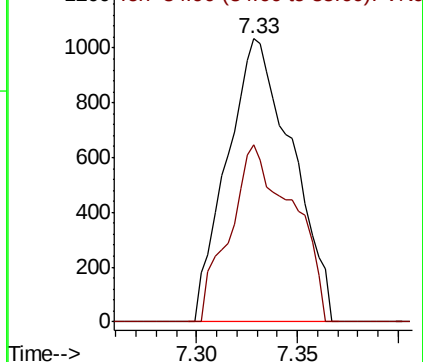


#30
Chloroform
Concen: 0.370 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064442.D
Acq: 4 Nov 2020 17:37

Tgt Ion: 83 Resp: 2323
Ion Ratio Lower Upper
83 100
85 62.8 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 53.445 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064442.D

Acq: 4 Nov 2020 17:37

Instrument :

MSVOA_N

ClientSampleId :

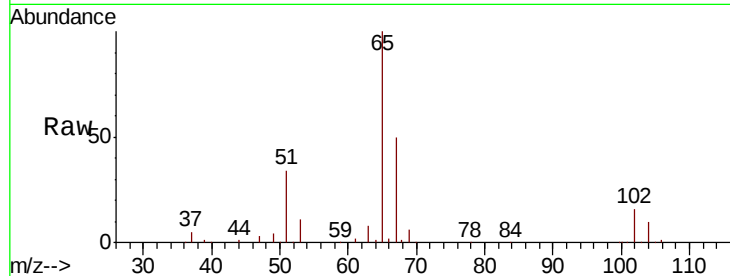
BP-VPB178-GW-153-155

Tot Ion: 65 Resp: 227605

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064442.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064442.D (-1850) (-)

7.99

100000

80000

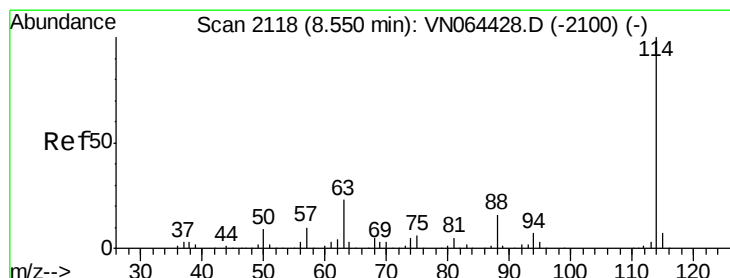
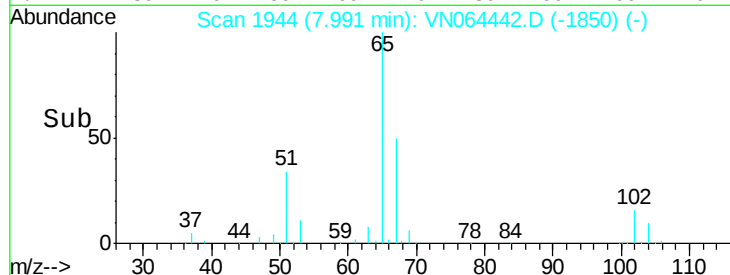
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064442.D

Acq: 4 Nov 2020 17:37

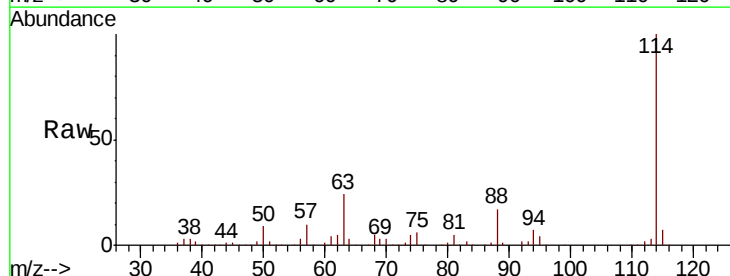
Tgt Ion: 114 Resp: 488275

Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.6

88 16.8 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN064442.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064442.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064442.D (-2025) (-)

8.55

300000

250000

200000

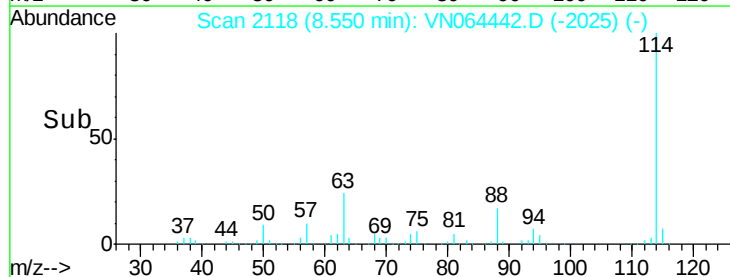
150000

100000

50000

0

Time-->

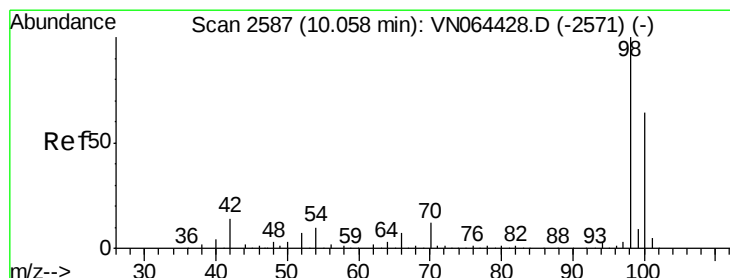
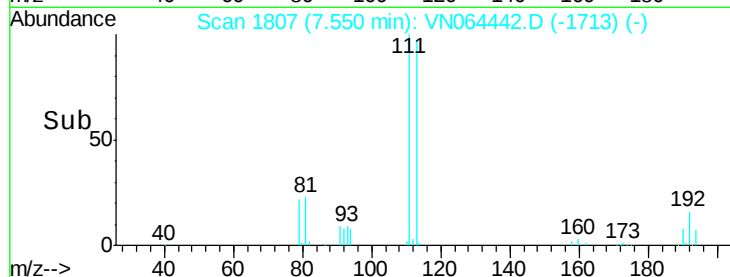
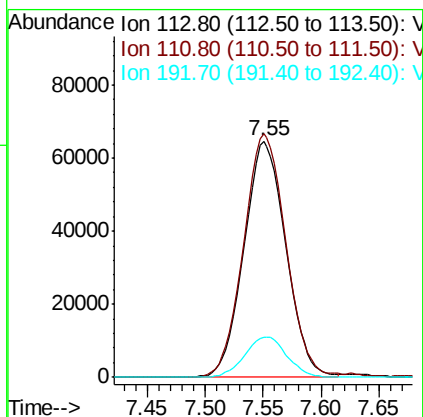
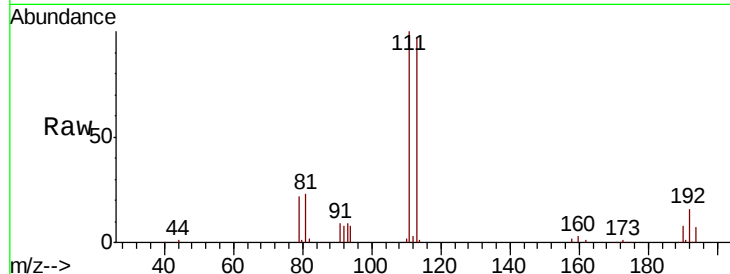




#35
Dibromofluoromethane
Concen: 48.967 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064442.D
Acq: 4 Nov 2020 17:37

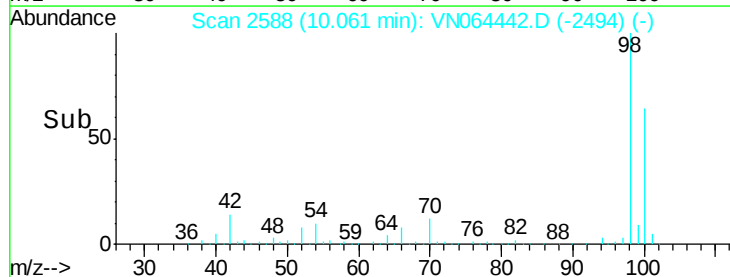
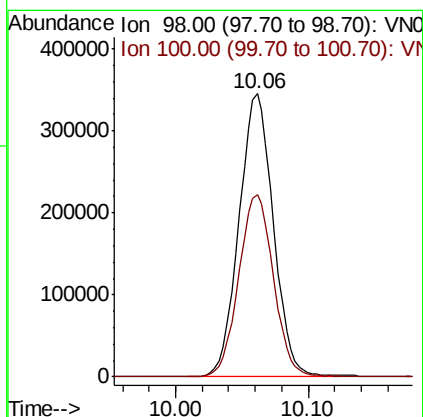
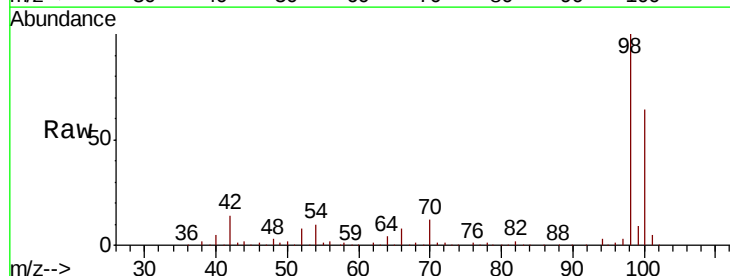
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-153-155

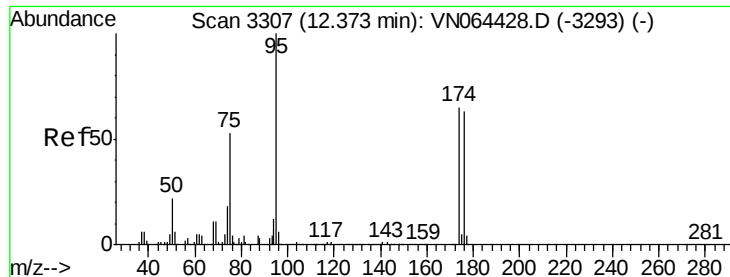
Tot Ion:113 Resp: 162790
Ion Ratio Lower Upper
113 100
111 104.2 81.1 121.7
192 17.0 12.8 19.2



#50
Toluene-d8
Concen: 48.396 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064442.D
Acq: 4 Nov 2020 17:37

Tgt Ion: 98 Resp: 621842
Ion Ratio Lower Upper
98 100
100 65.1 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 50.525 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064442.D

Acq: 4 Nov 2020 17:37

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-153-155

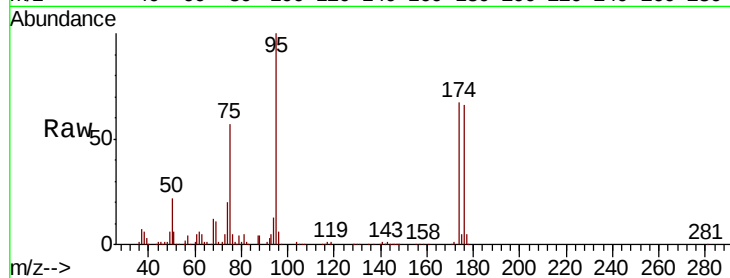
Tot Ion: 95 Resp: 245521

Ion Ratio Lower Upper

95 100

174 68.0 0.0 132.6

176 66.0 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064442.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064442.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064442.D (-3293) (-)

12.38

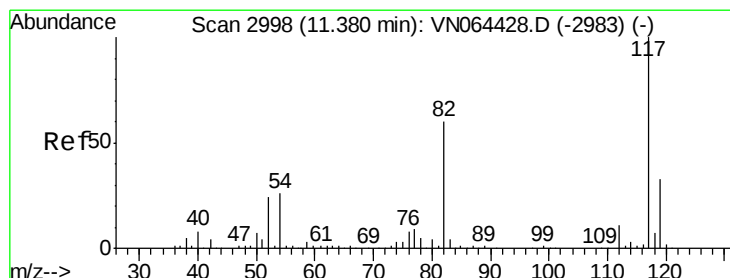
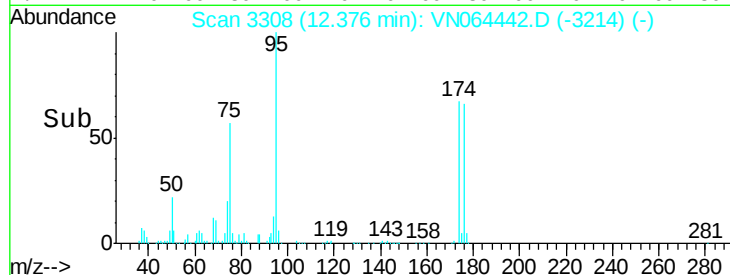
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064442.D

Acq: 4 Nov 2020 17:37

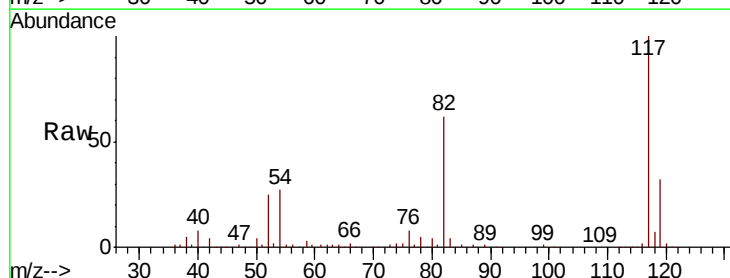
Tgt Ion: 117 Resp: 498019

Ion Ratio Lower Upper

117 100

82 61.5 48.1 72.1

119 32.1 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

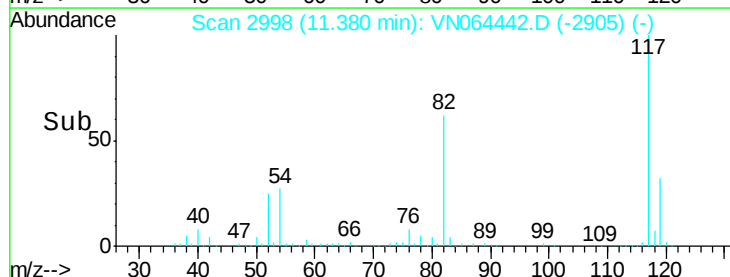
300000

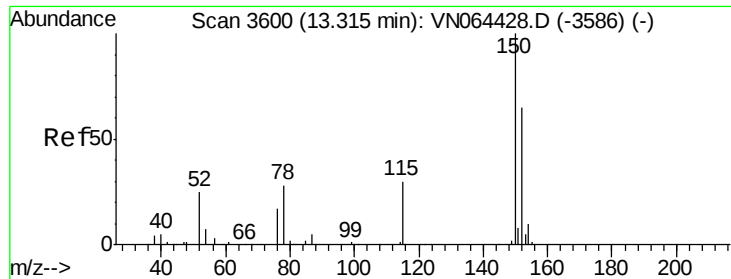
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064442.D

Acq: 4 Nov 2020 17:37

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-153-155

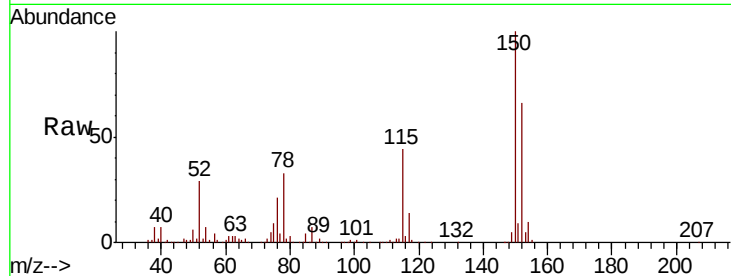
Tot Ion:152 Resp: 194454

Ion Ratio Lower Upper

152 100

115 65.2 32.0 96.0

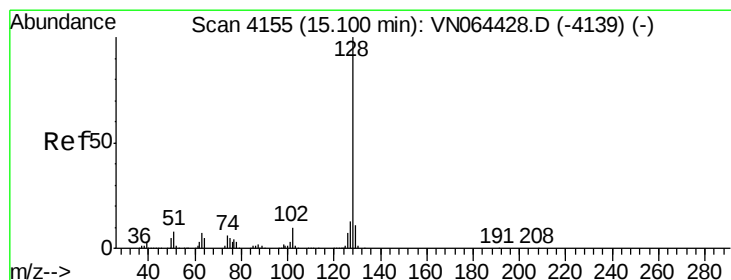
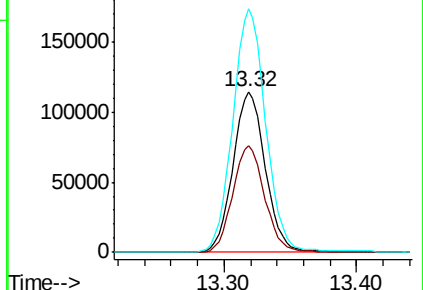
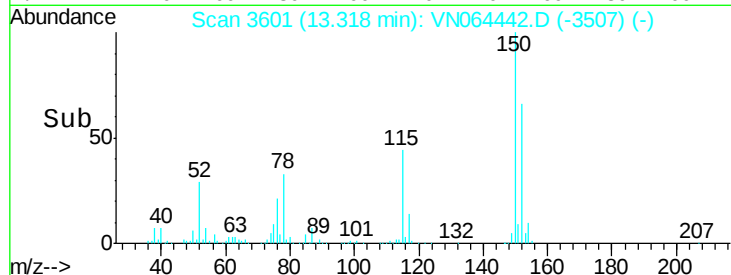
150 154.3 0.0 353.8



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



#95

Naphthalene

Concen: 4.975 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN064442.D

Acq: 4 Nov 2020 17:37

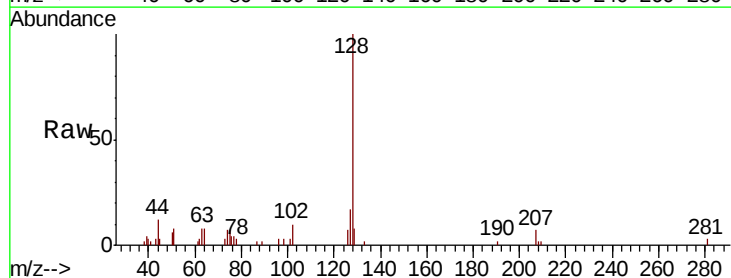
Tgt Ion:128 Resp: 15547

Ion Ratio Lower Upper

128 100

127 14.2 10.5 15.7

129 4.2 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

