

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064492.D
 Acq On : 6 Nov 2020 18:51
 Operator : JC/MD
 Sample : L4651-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB-2020-WS-000-03

Quant Time: Nov 07 04:34:20 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

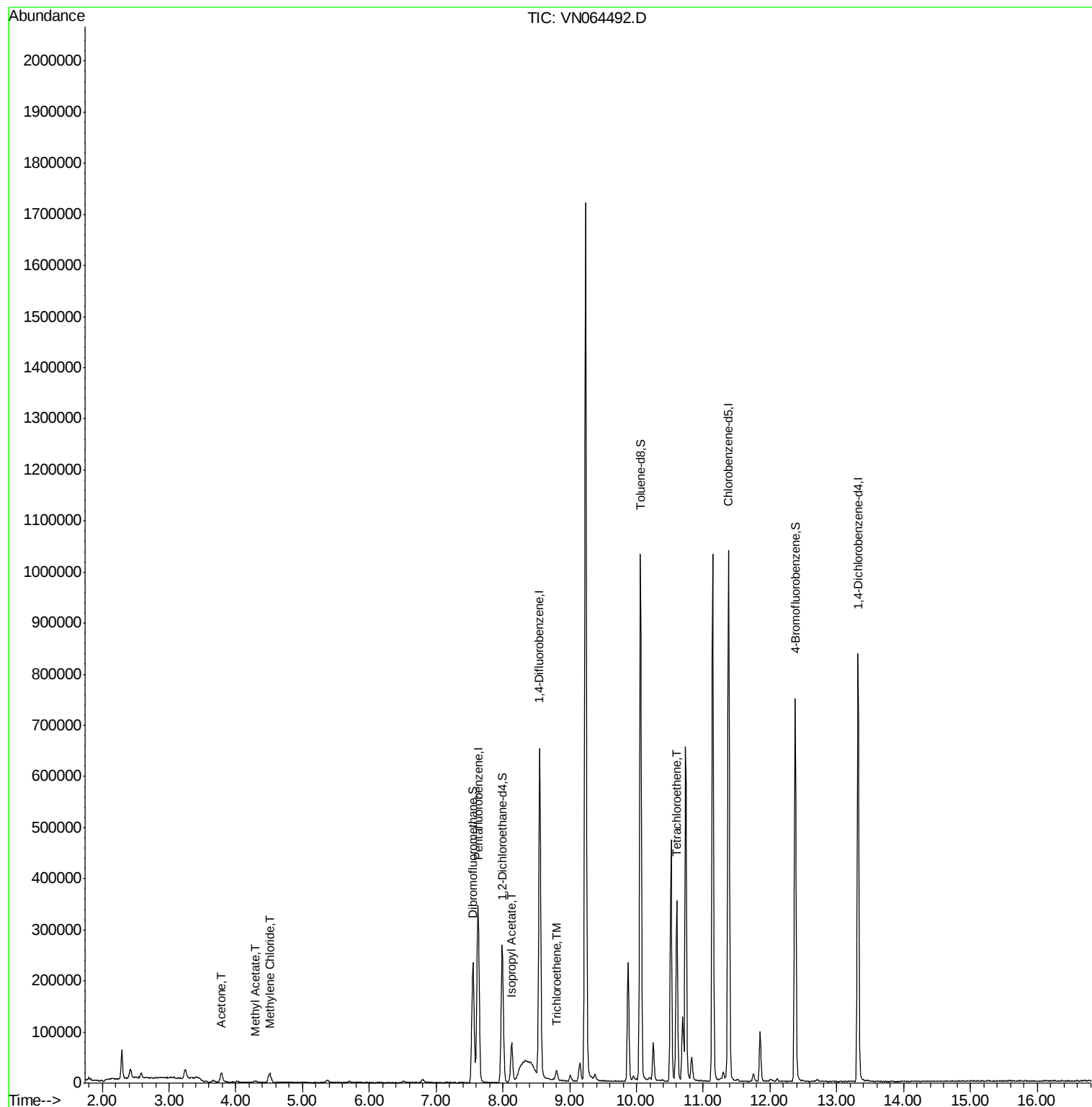
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	529054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	561044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	244537	57.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.62%	
35) Dibromofluoromethane	7.55	113	176948	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	10.06	98	680478	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.38	95	261708	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
Target Compounds						
16) Acetone	3.78	43	32091	19.743	ug/l	94
18) Methyl Acetate	4.29	43	6142	1.922	ug/l	98
20) Methylene Chloride	4.51	84	12739	3.950	ug/l	95
43) Isopropyl Acetate	8.13	43	95732	10.569	ug/l	97
44) Trichloroethene	8.80	130	6678	1.612	ug/l	89
64) Tetrachloroethene	10.60	164	61598	14.253	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
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: VN064492.D

Acq: 6 Nov 2020 18:51

Instrument :

MSVOA_N

ClientSampleId :

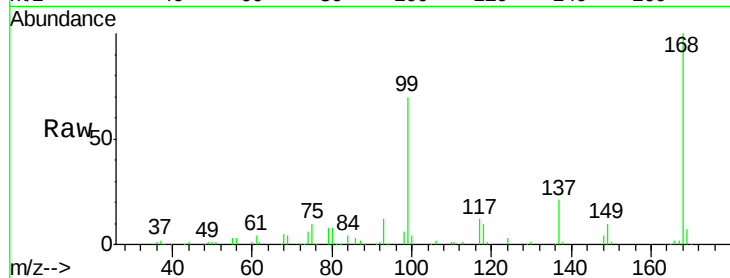
PB-2020-WS-000-03

Tot Ion:168 Resp: 244977

Ion Ratio Lower Upper

168 100

99 70.5 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

60000

40000

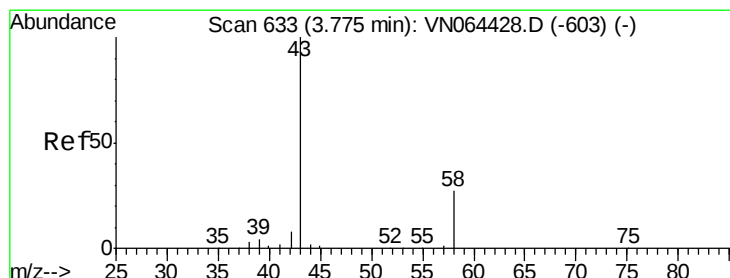
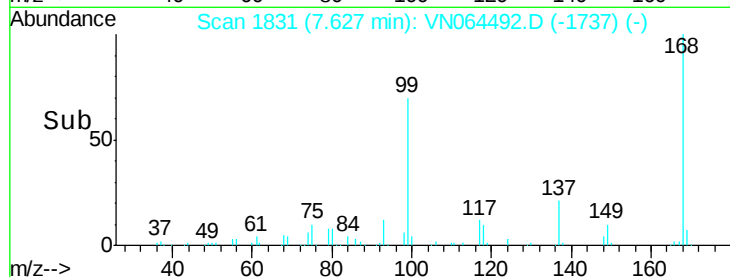
20000

0

Time-->

7.60

7.70



#16

Acetone

Concen: 19.743 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064492.D

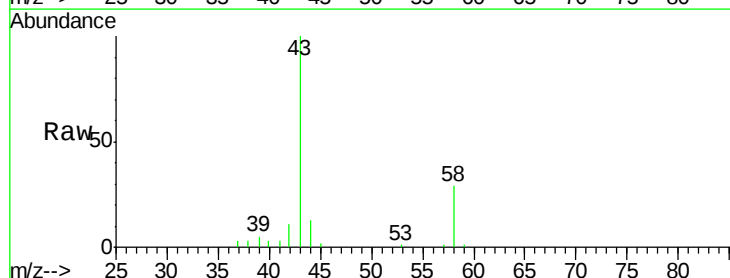
Acq: 6 Nov 2020 18:51

Tgt Ion: 43 Resp: 32091

Ion Ratio Lower Upper

43 100

58 29.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

10000

5000

0

Time-->

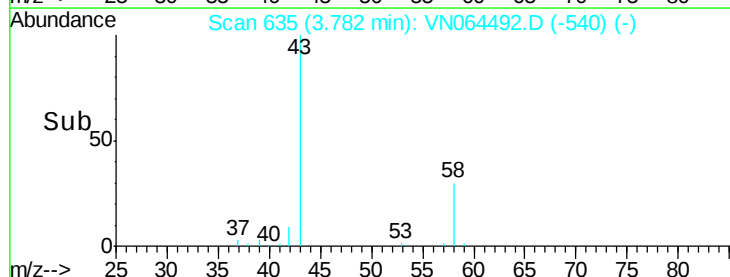
3.70

3.75

3.80

3.85

3.90

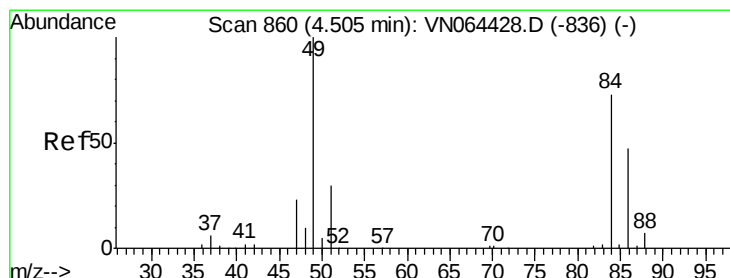
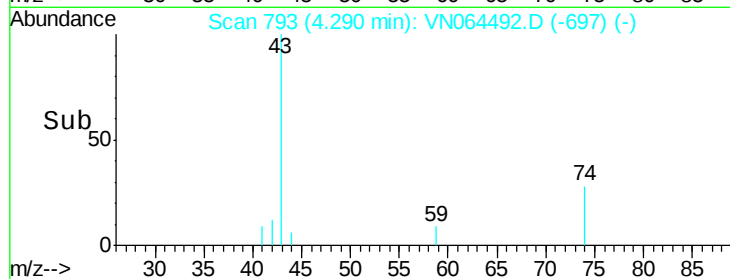
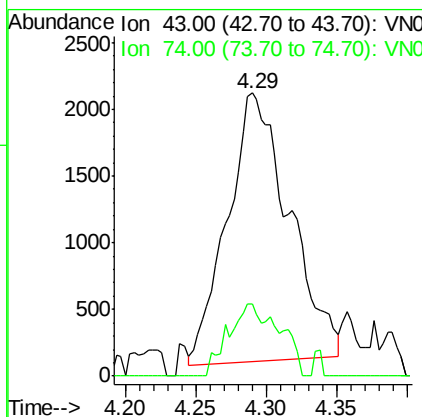
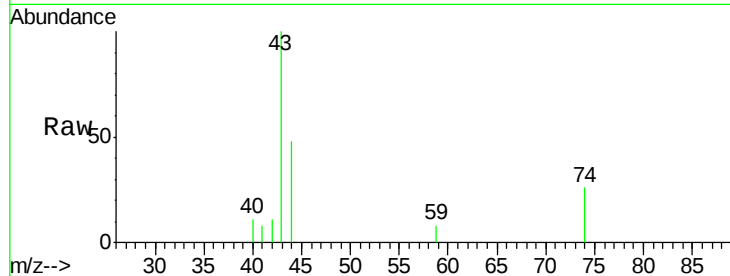




#18
Methyl Acetate
Concen: 1.922 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064492.D
Acq: 6 Nov 2020 18:51

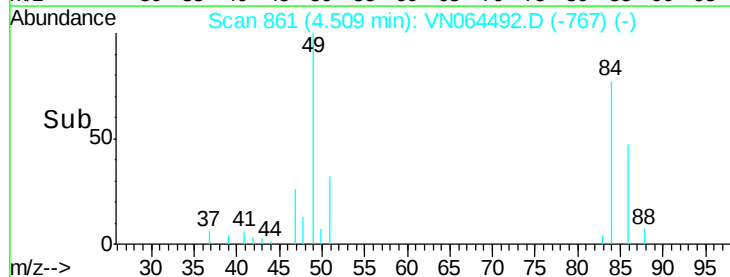
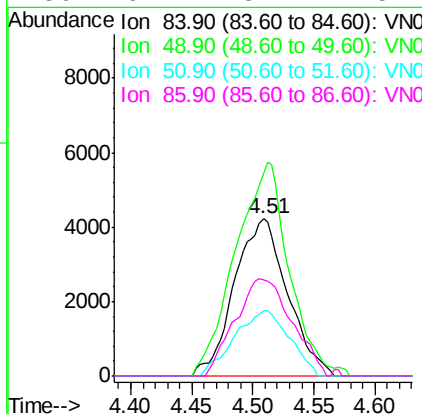
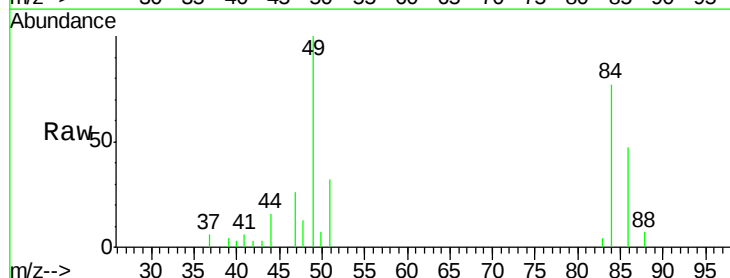
Instrument :
MSVOA_N
ClientSampleId :
PB-2020-WS-000-03

Tot Ion: 43 Resp: 6142
Ion Ratio Lower Upper
43 100
74 22.2 17.0 25.4



#20
Methylene Chloride
Concen: 3.950 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064492.D
Acq: 6 Nov 2020 18:51

Tgt Ion: 84 Resp: 12739
Ion Ratio Lower Upper
84 100
49 129.6 110.1 165.1
51 41.2 33.6 50.4
86 61.2 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 57.307 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

Instrument :

MSVOA_N

ClientSampleId :

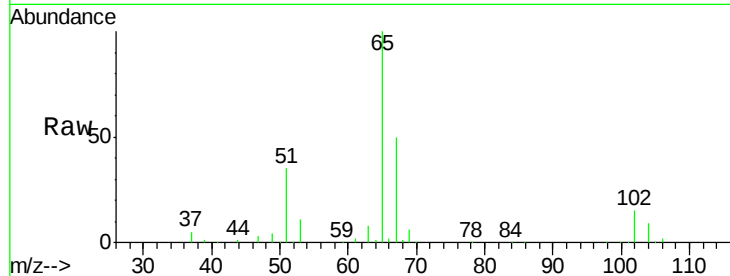
PB-2020-WS-000-03

Tot Ion: 65 Resp: 244537

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064492.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064492.D (-1850) (-)

7.99

120000

100000

80000

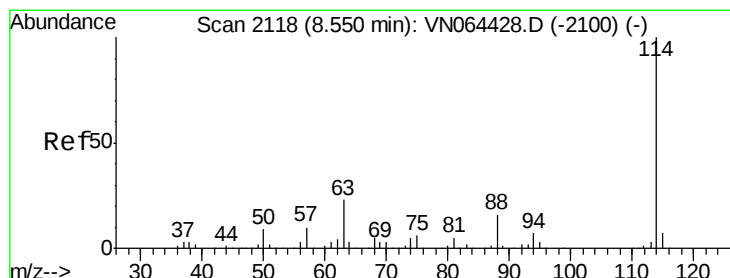
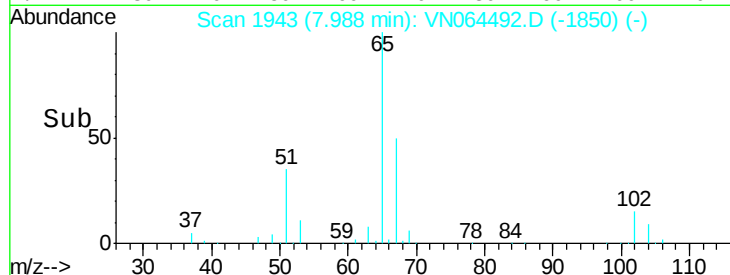
60000

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: VN064492.D

Acq: 6 Nov 2020 18:51

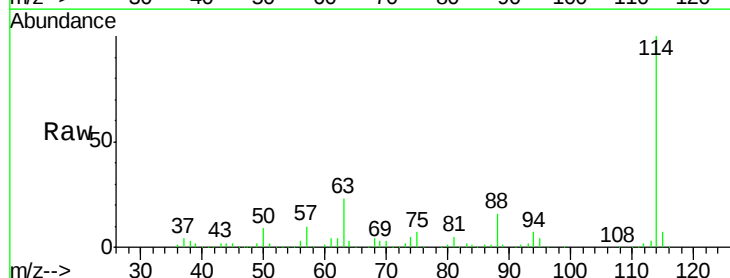
Tgt Ion: 114 Resp: 529054

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.6

88 15.8 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN064492.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064492.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064492.D (-2025) (-)

8.55

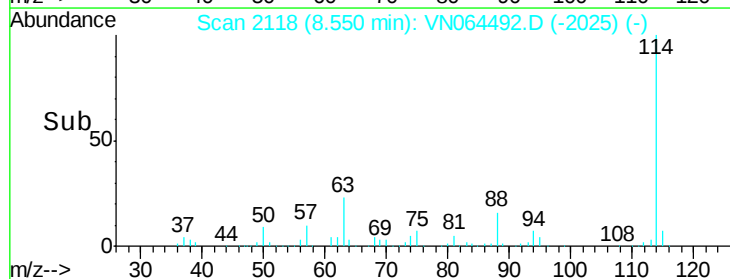
300000

200000

100000

0

Time-->

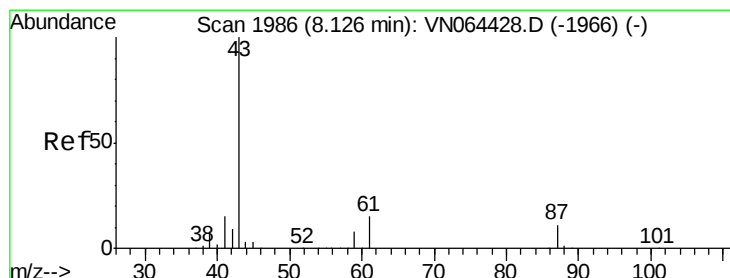
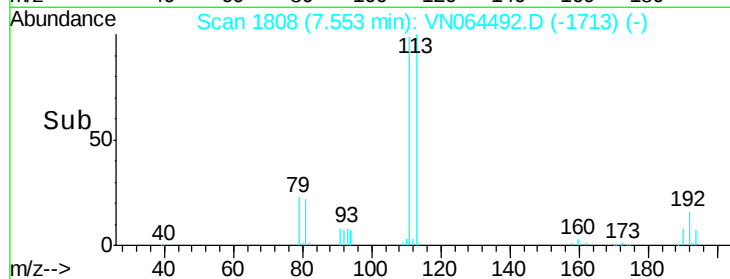
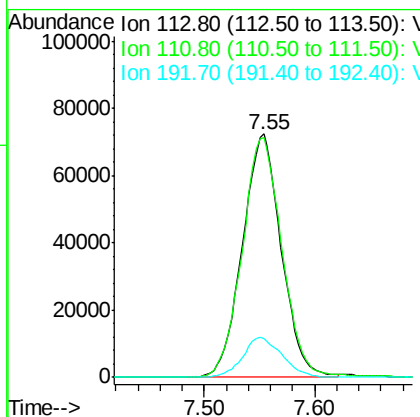
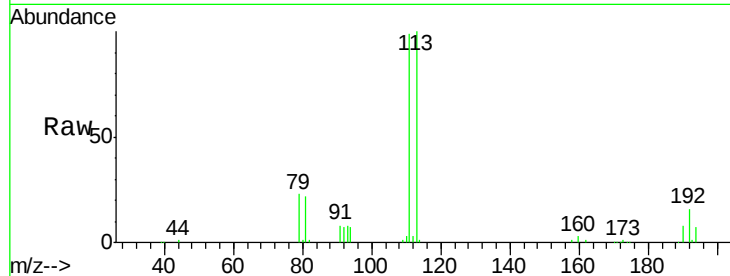




#35
 Dibromofluoromethane
 Concen: 49.123 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064492.D
 Acq: 6 Nov 2020 18:51

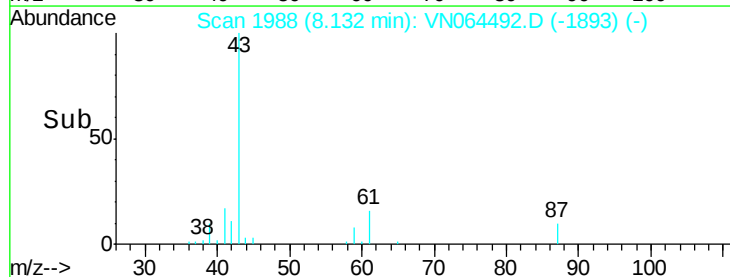
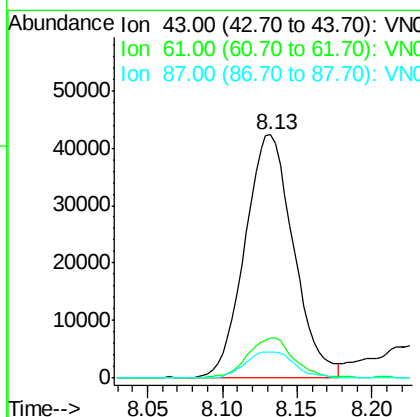
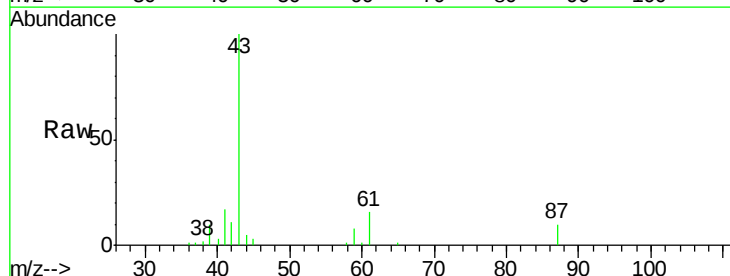
Instrument :
 MSVOA_N
 ClientSampleId :
 PB-2020-WS-000-03

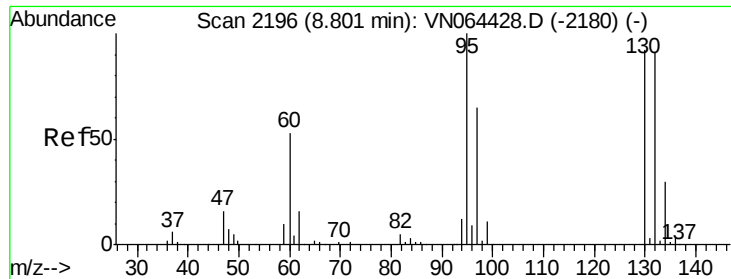
Tot Ion:113 Resp: 176948
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.1 121.7
 192 16.7 12.8 19.2



#43
 Isopropyl Acetate
 Concen: 10.569 ug/l
 RT: 8.13 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VN064492.D
 Acq: 6 Nov 2020 18:51

Tgt Ion: 43 Resp: 95732
 Ion Ratio Lower Upper
 43 100
 61 15.8 14.0 21.0
 87 10.9 9.1 13.7





#44

Trichloroethene

Concen: 1.612 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

Instrument :

MSVOA_N

ClientSampleId :

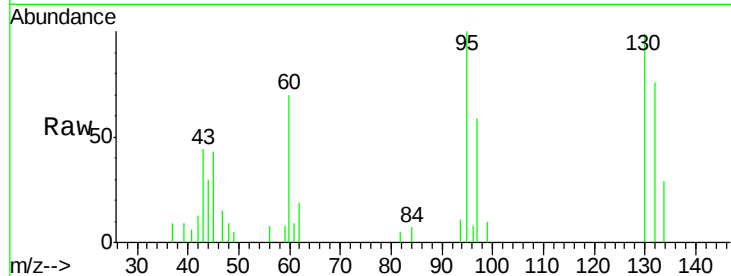
PB-2020-WS-000-03

Tot Ion:130 Resp: 6678

Ion Ratio Lower Upper

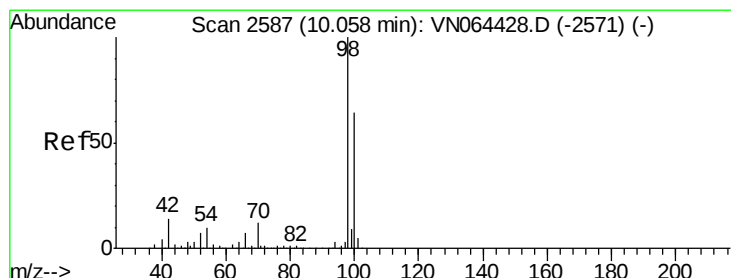
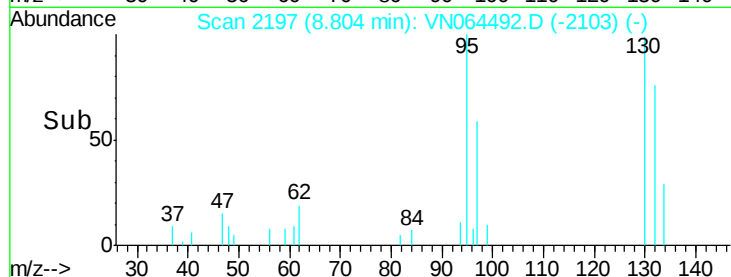
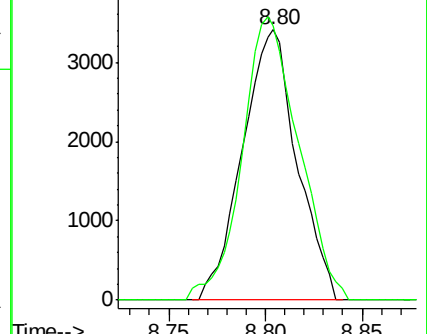
130 100

95 97.0 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064428.D (-2180) (-)



#50

Toluene-d8

Concen: 48.877 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064492.D

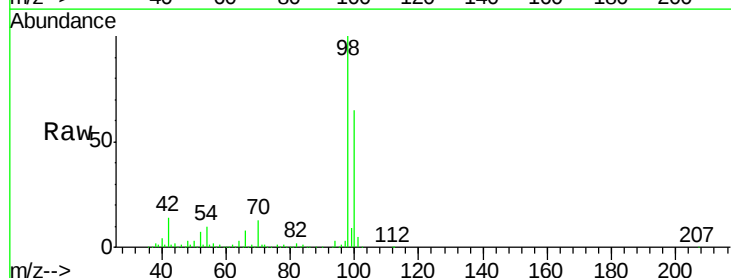
Acq: 6 Nov 2020 18:51

Tgt Ion: 98 Resp: 680478

Ion Ratio Lower Upper

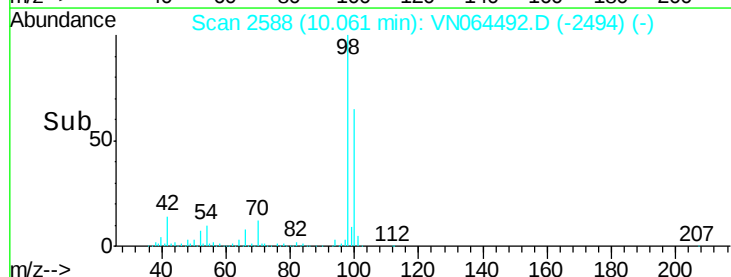
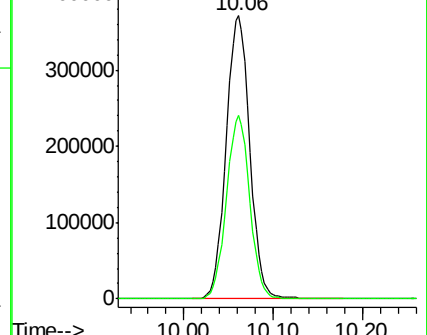
98 100

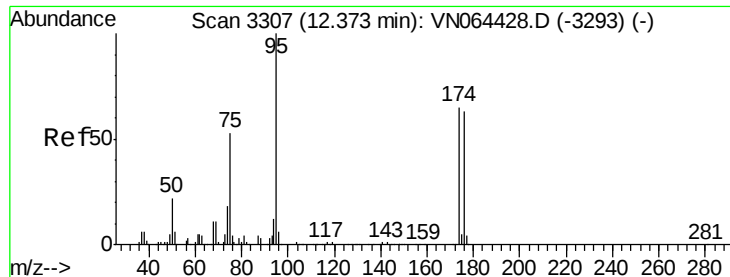
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

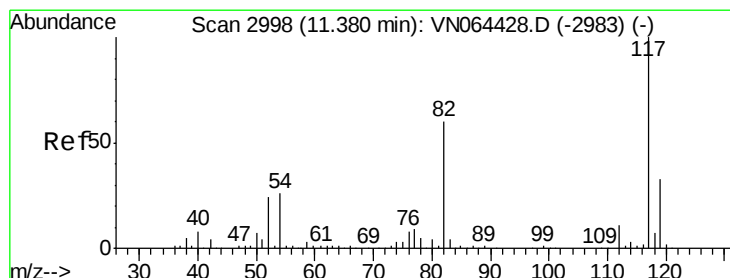
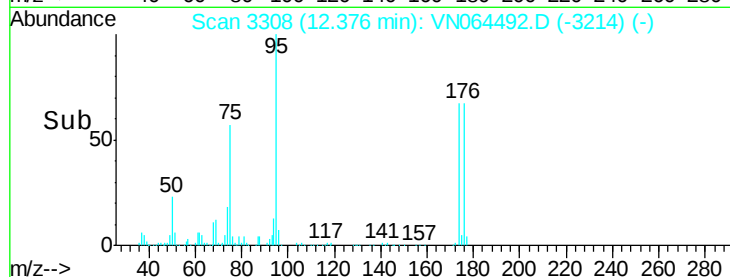
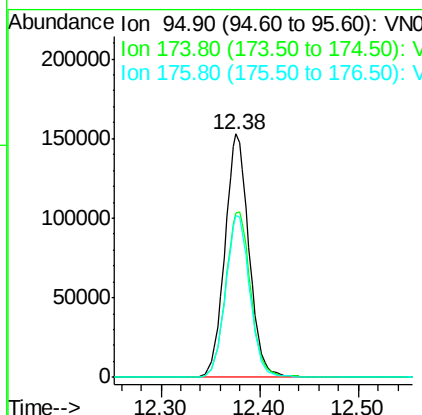
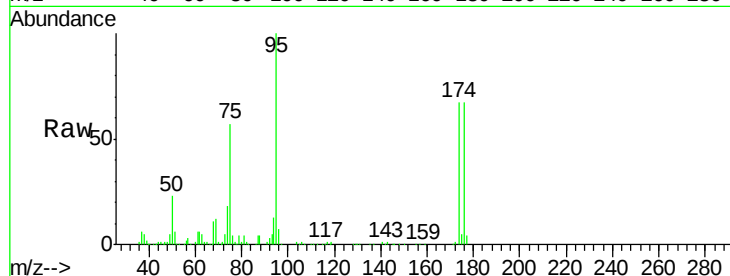




#62
4-Bromofluorobenzene
Concen: 49.705 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064492.D
Acq: 6 Nov 2020 18:51

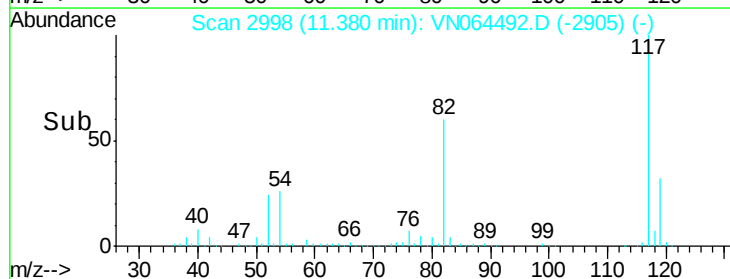
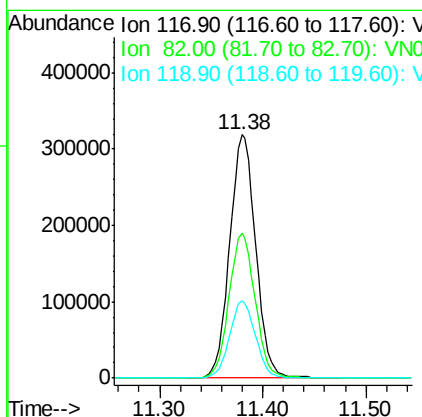
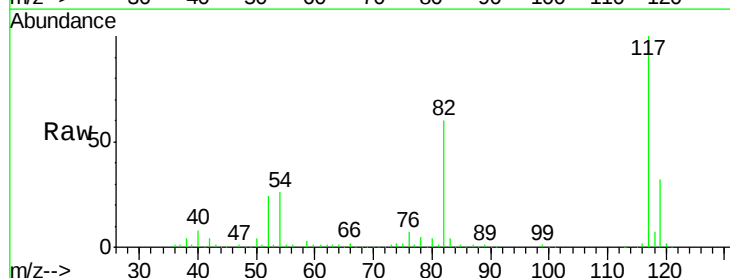
Instrument :
MSVOA_N
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PB-2020-WS-000-03

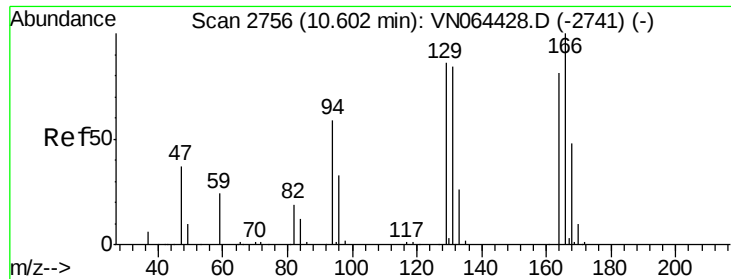
Tot Ion: 95 Resp: 261708
Ion Ratio Lower Upper
95 100
174 70.2 0.0 132.6
176 66.5 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064492.D
Acq: 6 Nov 2020 18:51

Tgt Ion: 117 Resp: 561044
Ion Ratio Lower Upper
117 100
82 59.8 48.1 72.1
119 31.9 26.2 39.4





#64

Tetrachloroethene

Concen: 14.253 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WS-000-03

Tot Ion:164 Resp: 61598

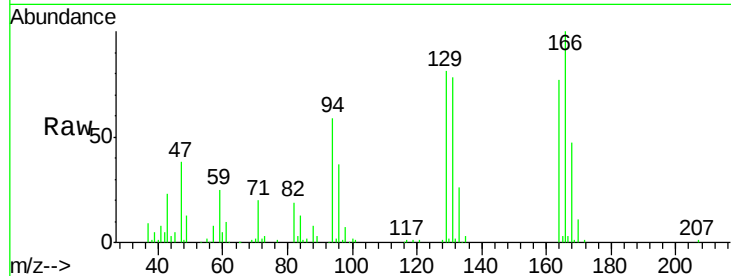
Ion Ratio Lower Upper

164 100

166 130.5 98.2 147.2

129 105.9 84.6 127.0

131 101.7 82.2 123.2

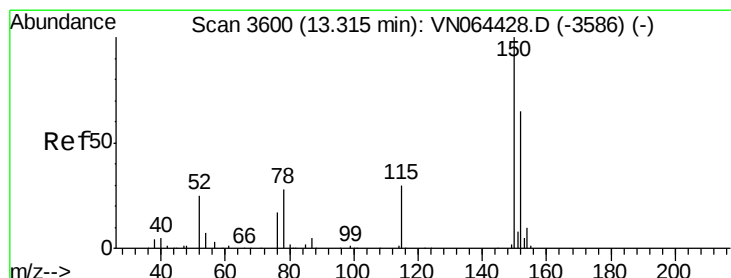
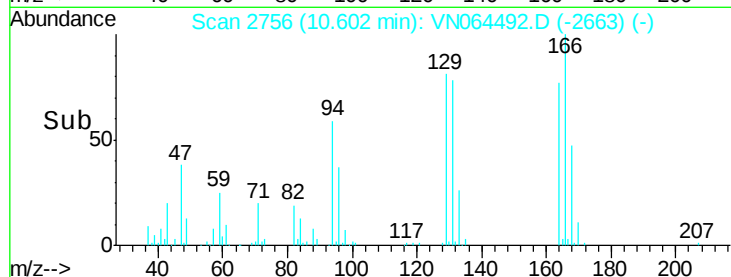
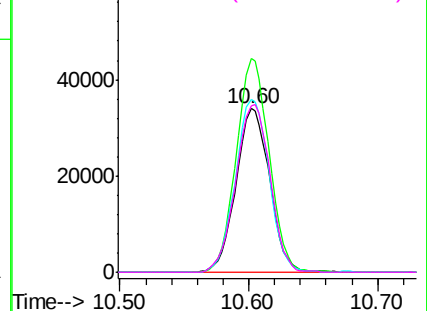


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VN064492.D

Acq: 6 Nov 2020 18:51

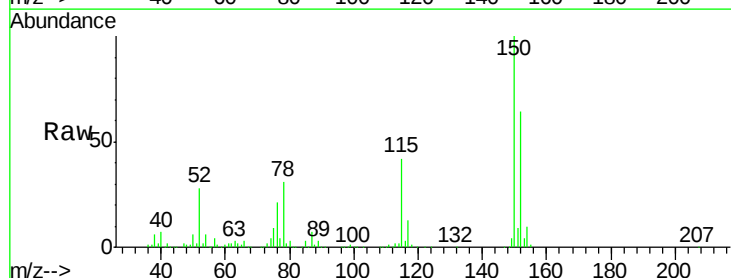
Tgt Ion:152 Resp: 203401

Ion Ratio Lower Upper

152 100

115 65.4 32.0 96.0

150 157.7 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

