

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064748.D
 Acq On : 19 Nov 2020 21:14
 Operator : JC/MD
 Sample : L4826-02DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB-2020-WW-000-04DL

Quant Time: Nov 21 08:16:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

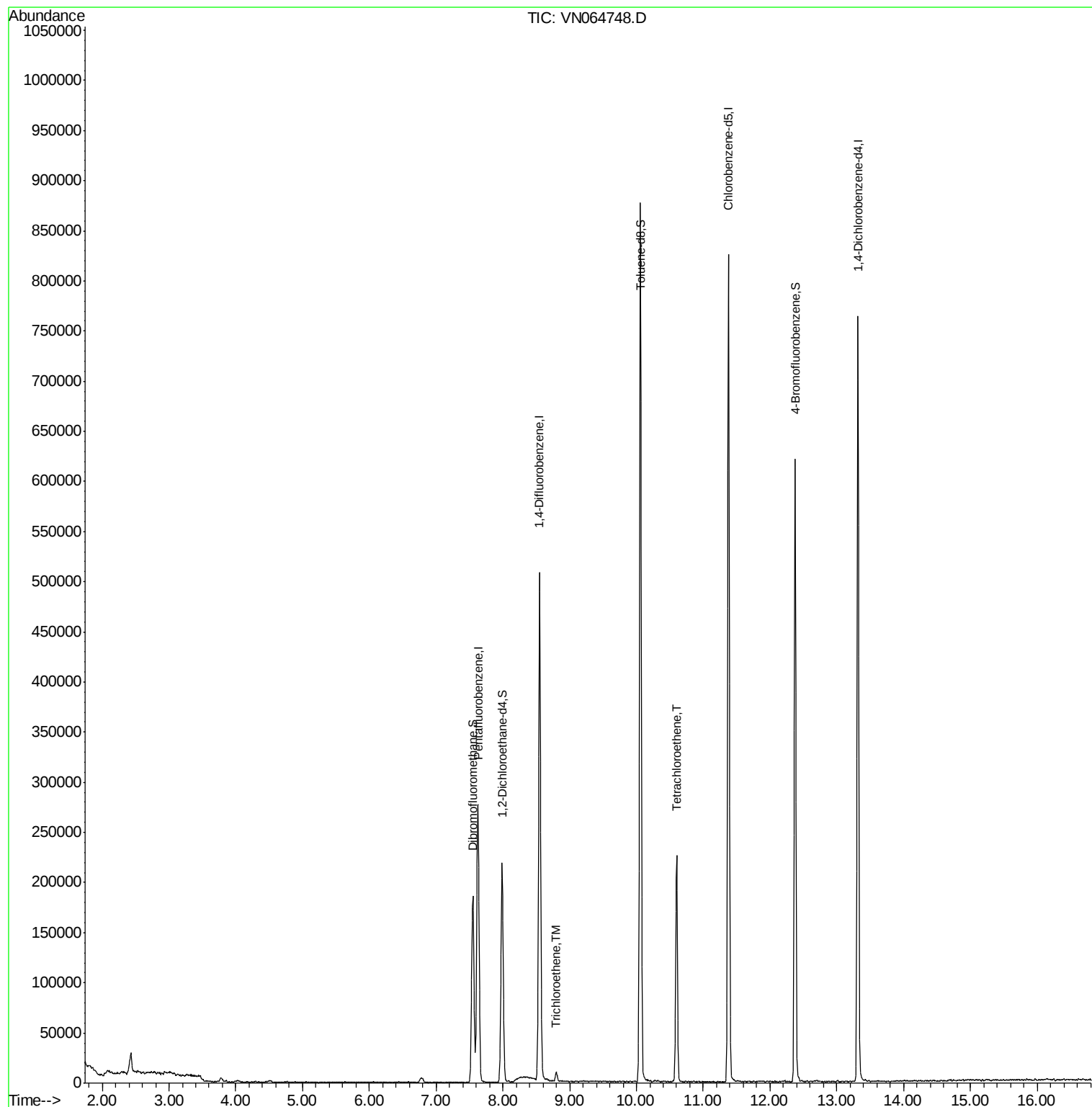
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	195898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	406730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	431374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	200993	58.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.64%	
35) Dibromofluoromethane	7.55	113	140009	60.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.96%	
50) Toluene-d8	10.06	98	581730	55.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.58%	
62) 4-Bromofluorobenzene	12.38	95	205896	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
Target Compounds						
44) Trichloroethene	8.80	130	2784	0.832	ug/l	83
64) Tetrachloroethene	10.60	164	45310	11.848	ug/l	96

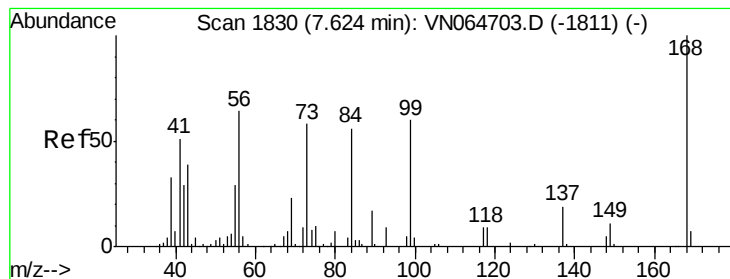
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064748.D

Acq: 19 Nov 2020 21:14

Instrument :

MSVOA_N

ClientSampleId :

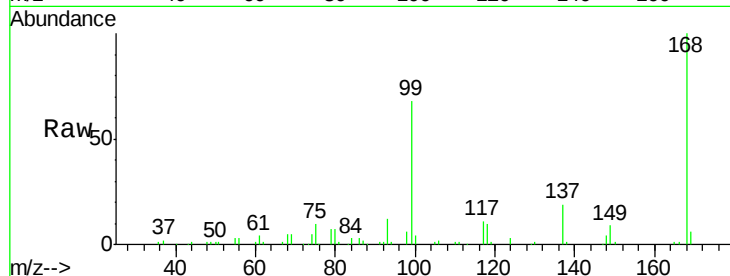
PB-2020-WW-000-04DL

Tot Ion:168 Resp: 195898

Ion Ratio Lower Upper

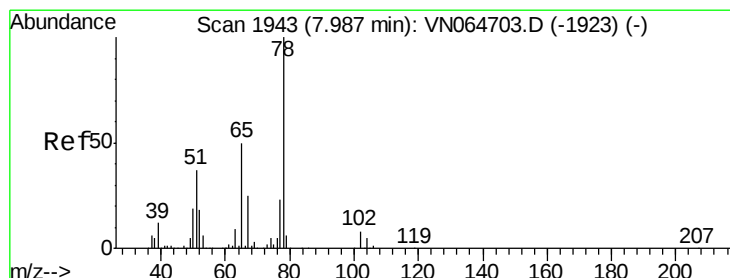
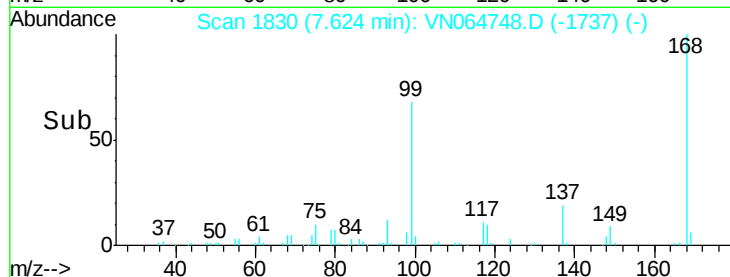
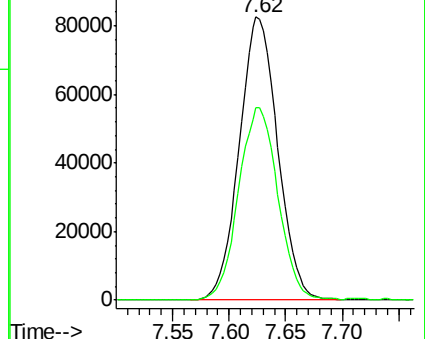
168 100

99 67.9 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 58.324 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064748.D

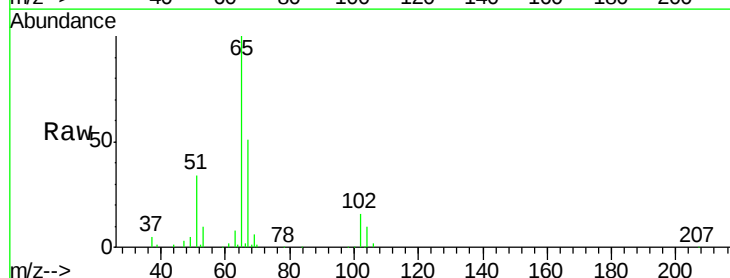
Acq: 19 Nov 2020 21:14

Tgt Ion: 65 Resp: 200993

Ion Ratio Lower Upper

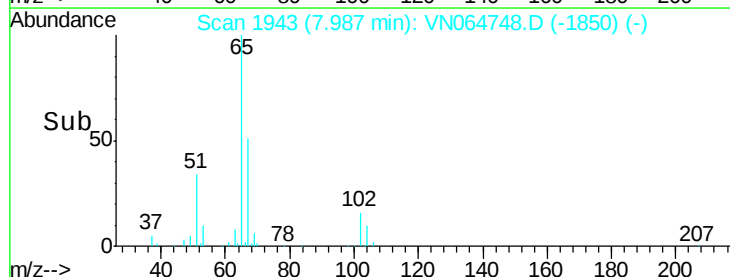
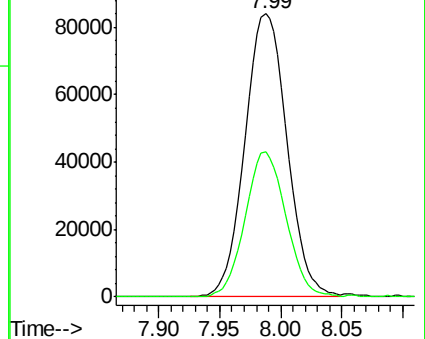
65 100

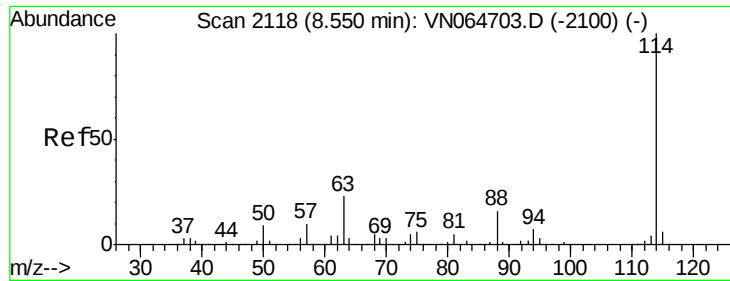
67 49.6 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

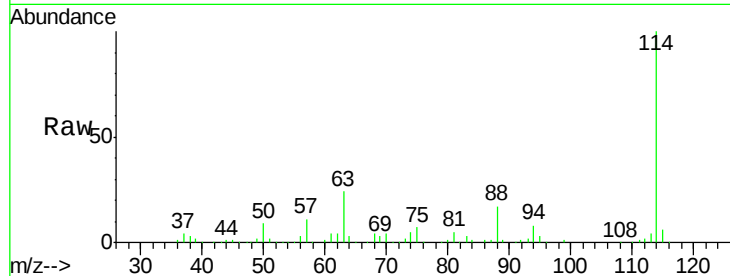




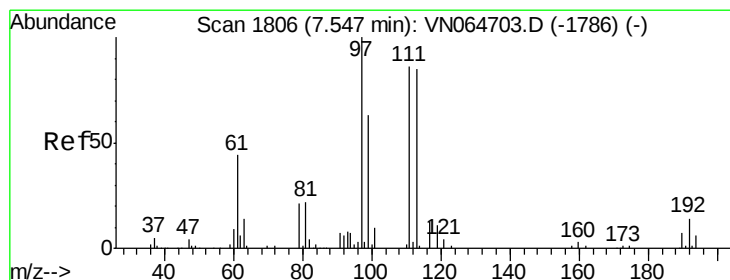
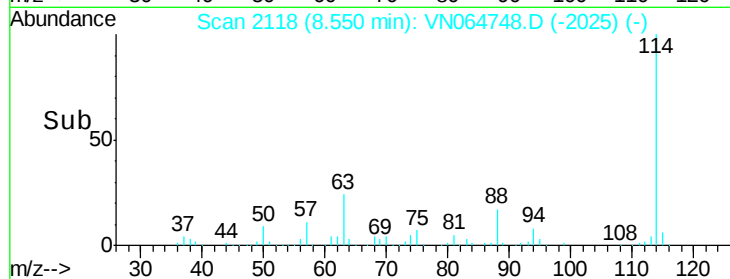
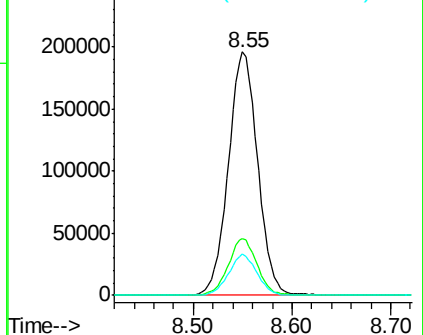
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064748.D
 Acq: 19 Nov 2020 21:14

Instrument :
 MSVOA_N
 ClientSampleId :
 PB-2020-WW-000-04DL

Tot Ion:114 Resp: 406730
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.0
 88 16.8 0.0 31.2

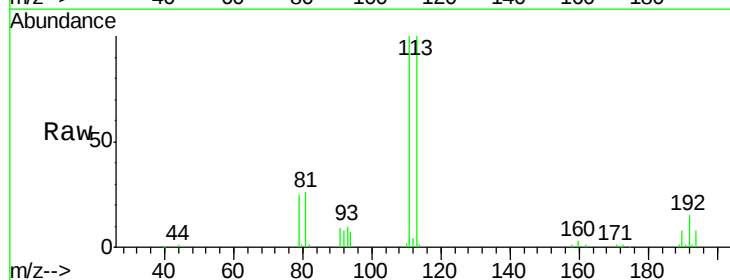


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

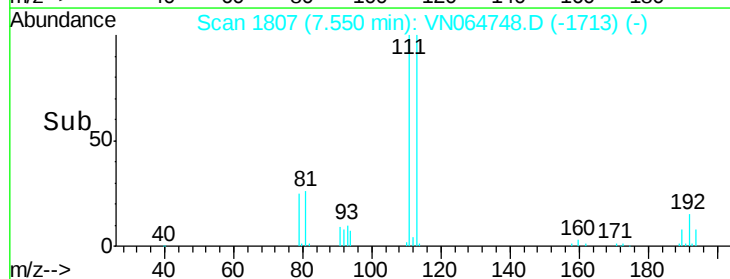
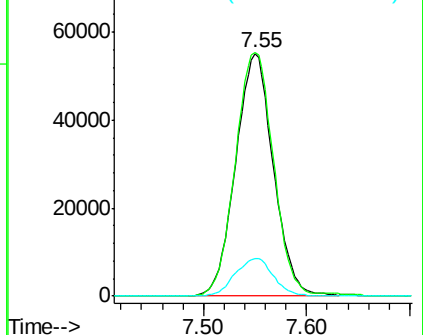


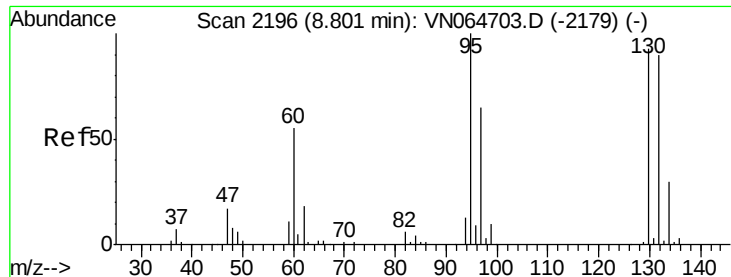
#35
 Dibromofluoromethane
 Concen: 60.479 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064748.D
 Acq: 19 Nov 2020 21:14

Tgt Ion:113 Resp: 140009
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.4
 192 15.9 12.7 19.1



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





#44

Trichloroethene

Concen: 0.832 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064748.D

Acq: 19 Nov 2020 21:14

Instrument :

MSVOA_N

ClientSampleId :

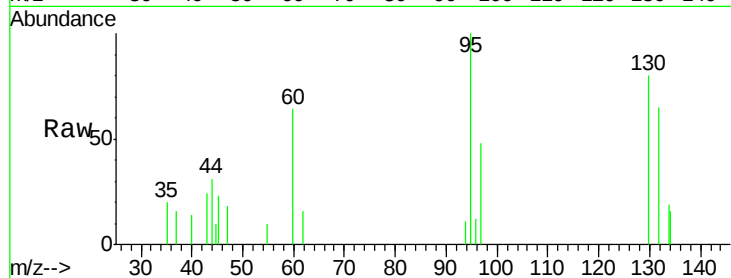
PB-2020-WW-000-04DL

Tot Ion:130 Resp: 2784

Ion Ratio Lower Upper

130 100

95 125.0 0.0 214.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

1500

1000

500

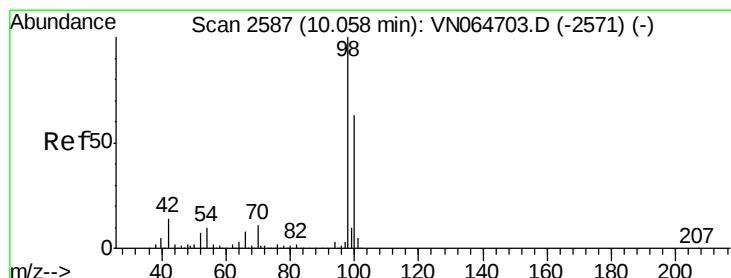
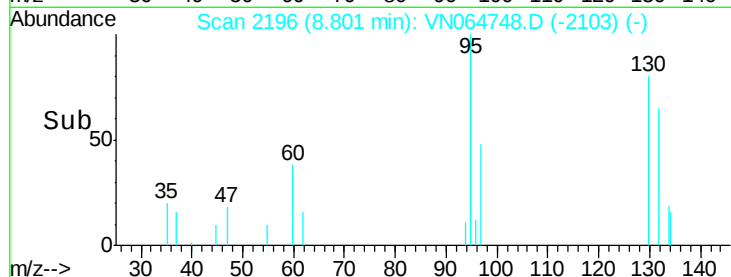
0

Time-->

8.75

8.80

8.85



#50

Toluene-d8

Concen: 55.291 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064748.D

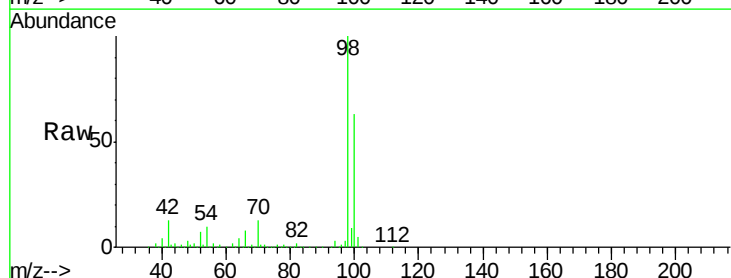
Acq: 19 Nov 2020 21:14

Tgt Ion: 98 Resp: 581730

Ion Ratio Lower Upper

98 100

100 63.2 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.06

300000

200000

100000

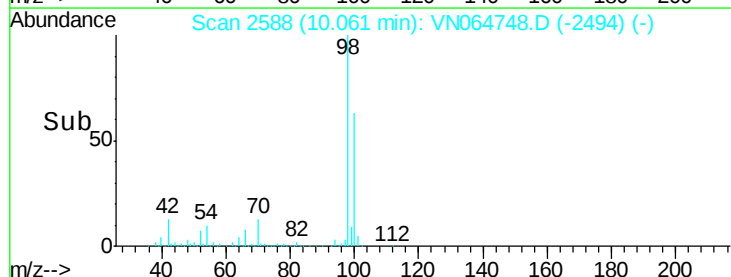
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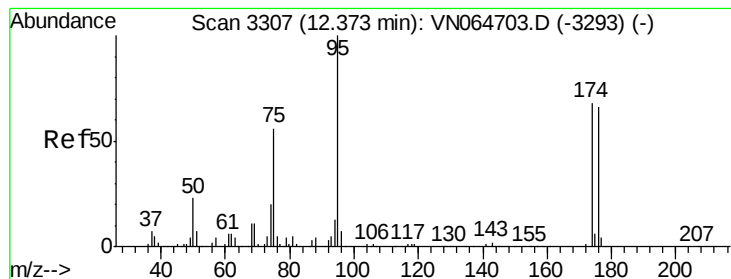
Time-->

10.00

10.10

10.20





#62

4-Bromofluorobenzene

Concen: 52.356 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064748.D

Acq: 19 Nov 2020 21:14

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WW-000-04DL

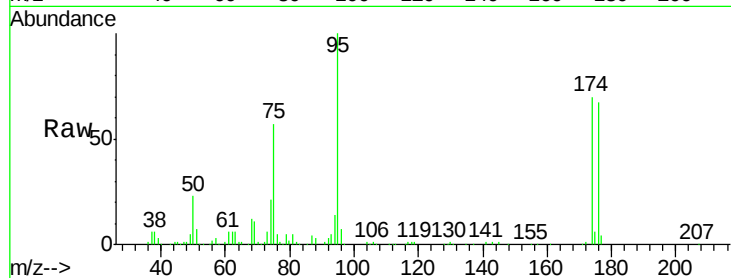
Tot Ion: 95 Resp: 205896

Ion Ratio Lower Upper

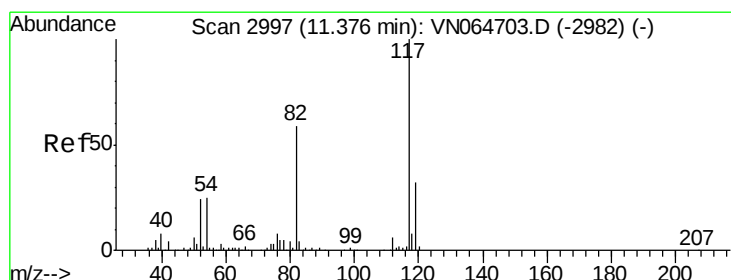
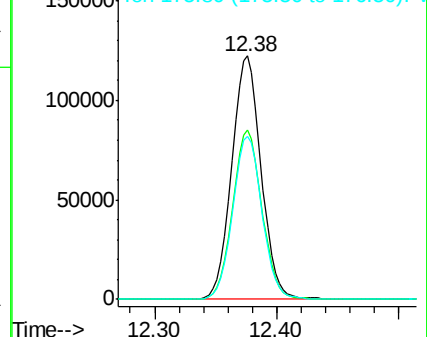
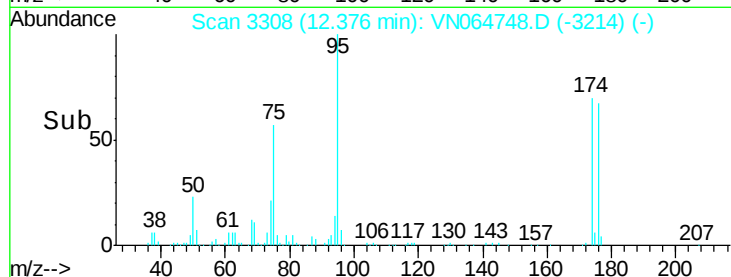
95 100

174 69.6 0.0 136.8

176 66.8 0.0 134.2



Abundance Ion 94.90 (94.60 to 95.60): VN064748.D (-3214) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064748.D

Acq: 19 Nov 2020 21:14

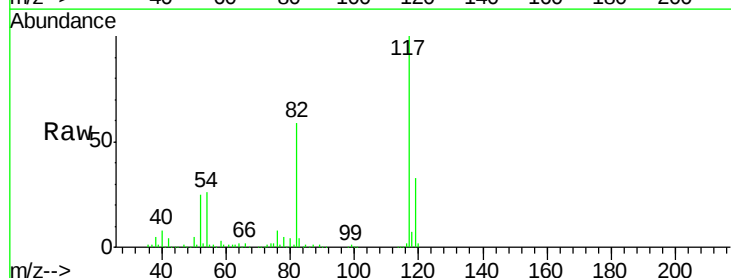
Tgt Ion: 117 Resp: 431374

Ion Ratio Lower Upper

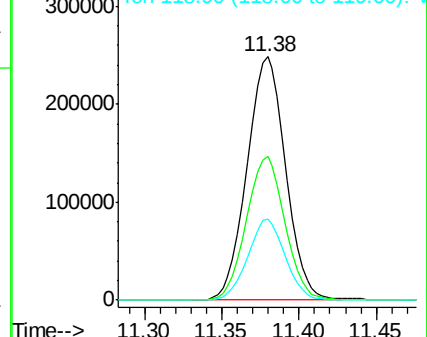
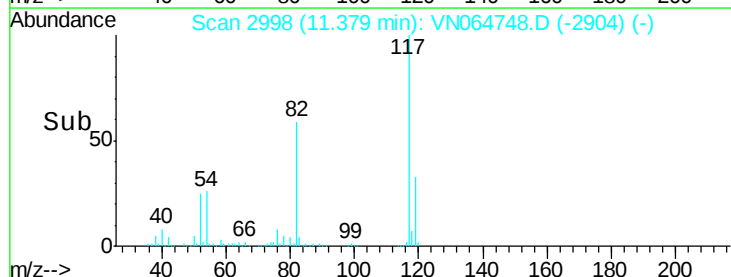
117 100

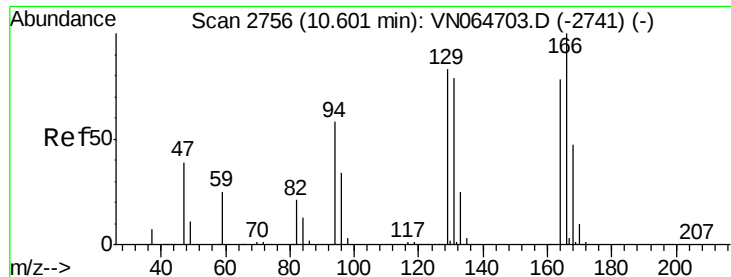
82 59.0 47.0 70.6

119 33.4 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN064748.D (-2904) (-)





#64

Tetrachloroethene

Concen: 11.848 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN064748.D

Acq: 19 Nov 2020 21:14

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WW-000-04DL

Tot Ion:164 Resp: 45310

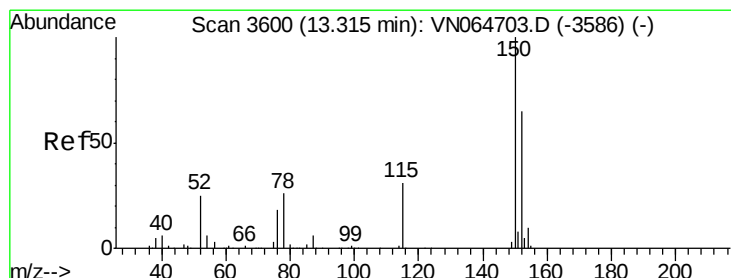
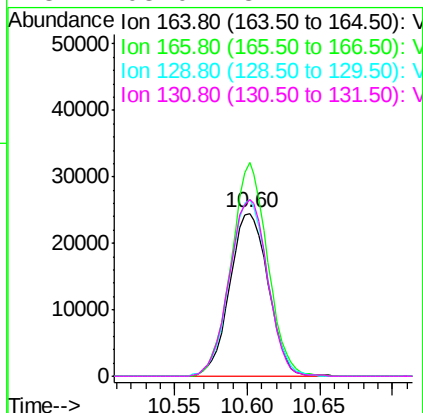
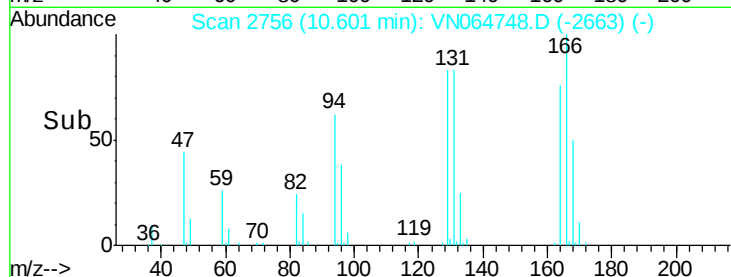
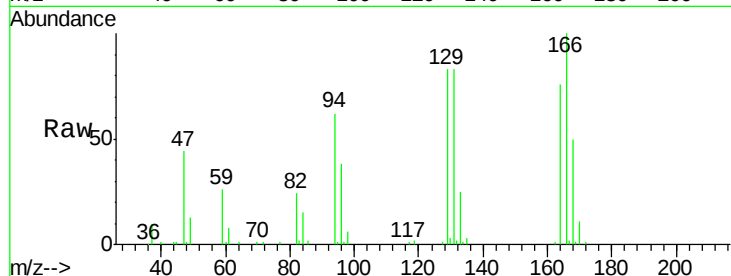
Ion Ratio Lower Upper

164 100

166 130.9 102.2 153.4

129 108.6 84.7 127.1

131 108.0 81.1 121.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064748.D

Acq: 19 Nov 2020 21:14

Tgt Ion:152 Resp: 177582

Ion Ratio Lower Upper

152 100

115 66.9 32.1 96.3

150 162.0 0.0 344.8

