

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
 Data File : VX018994.D
 Acq On : 20 Oct 2020 23:24
 Operator : JC/SP
 Sample : L4418-01DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB-2020-WS-000-02DL

Quant Time: Oct 21 04:16:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 19:16:32 2020
 Response via : Initial Calibration

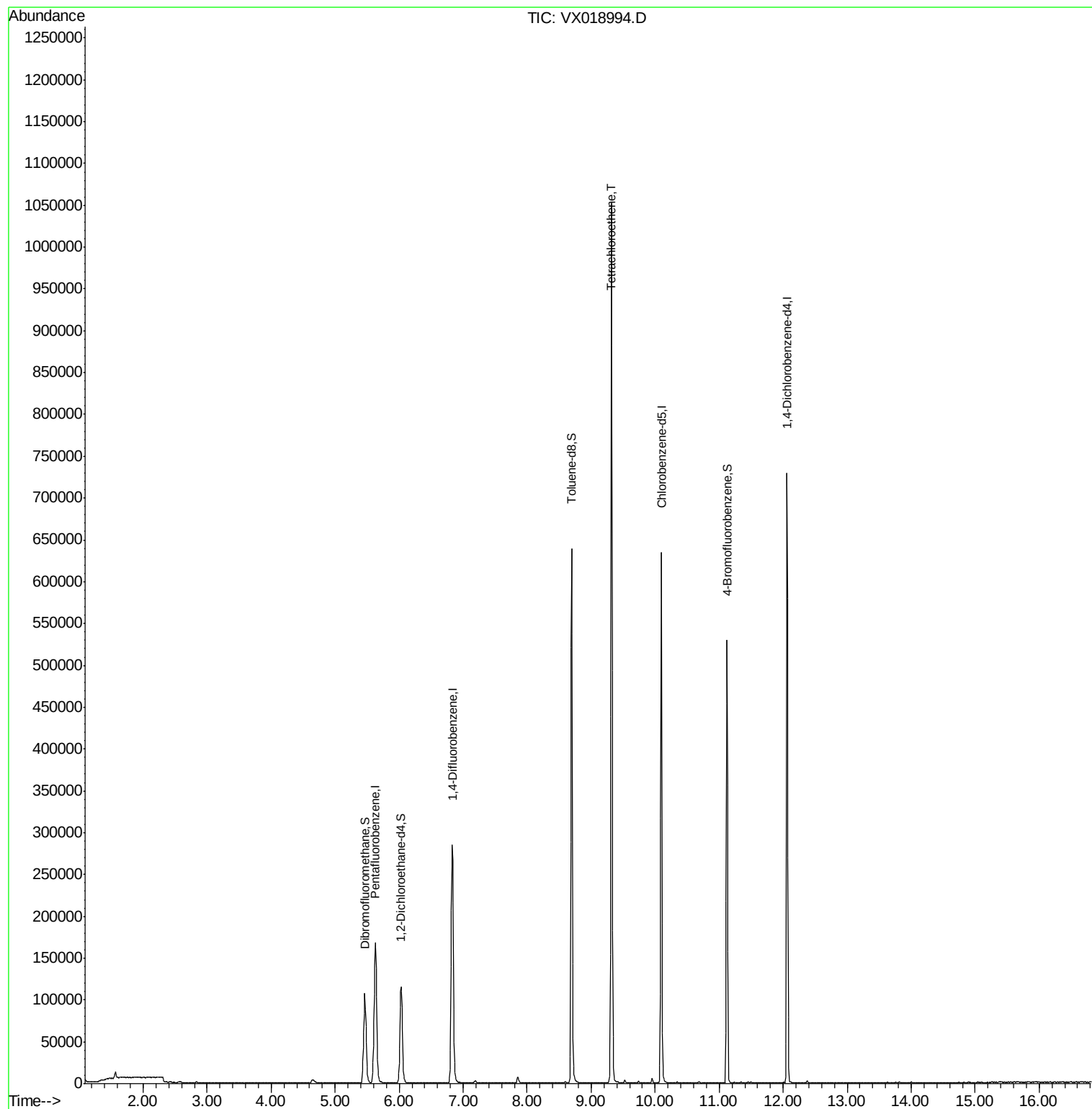
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	160173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	300406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	297355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	141934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	110697	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	5.46	113	92035	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	8.70	98	387268	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.12	95	146832	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
Target Compounds						
64) Tetrachloroethene	9.32	164	196191	93.638	ug/l	Qvalue 98

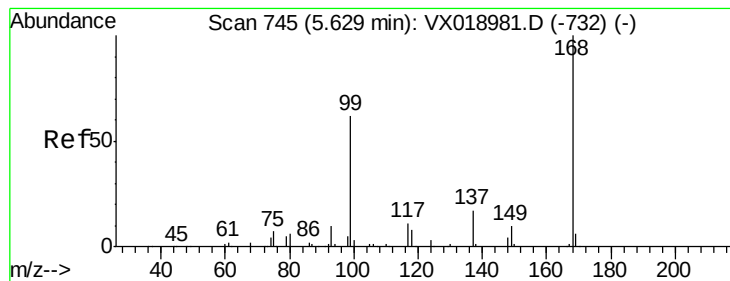
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 20 19:16:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018994.D

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Instrument :

MSVOA_X

ClientSampleId :

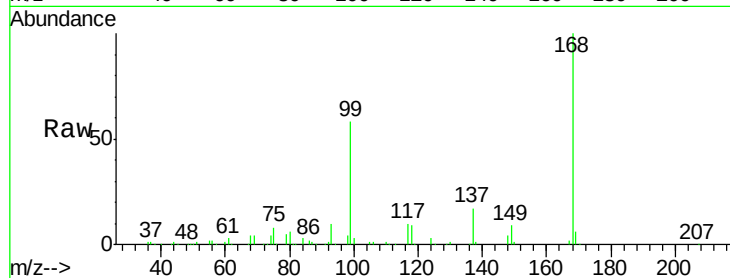
PB-2020-WS-000-02DL

Tot Ion:168 Resp: 160173

Ion Ratio Lower Upper

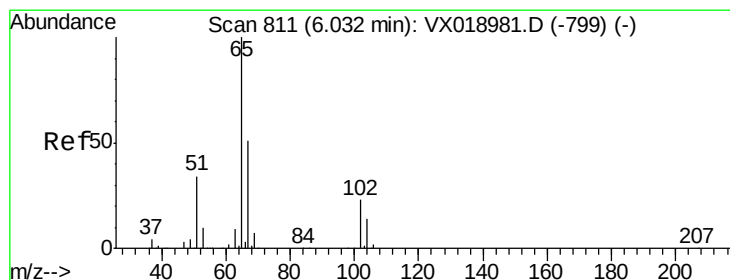
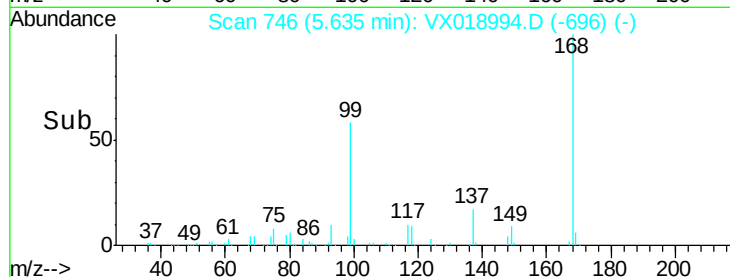
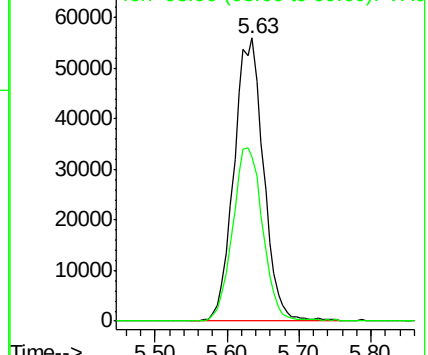
168 100

99 57.9 49.7 74.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.576 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018994.D

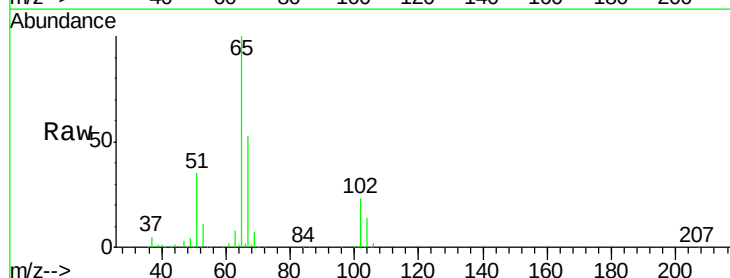
Acq: 20 Oct 2020 23:24

Tgt Ion: 65 Resp: 110697

Ion Ratio Lower Upper

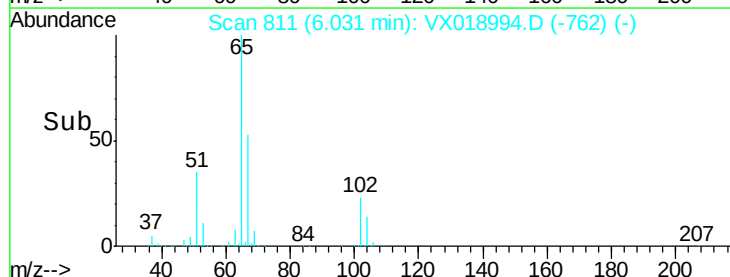
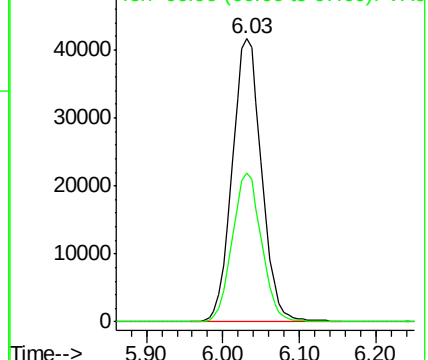
65 100

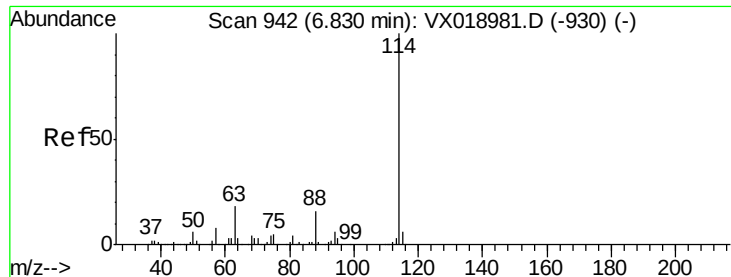
67 52.4 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018994.D

Acq: 20 Oct 2020 23:24

Instrument :

MSVOA_X

ClientSampleId :

PB-2020-WS-000-02DL

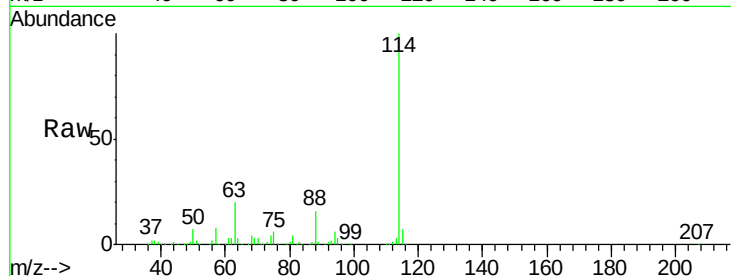
Tot Ion:114 Resp: 300406

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

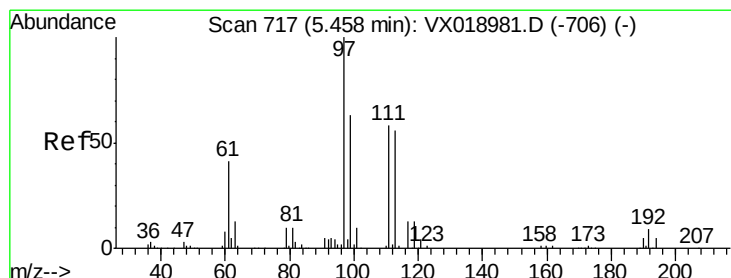
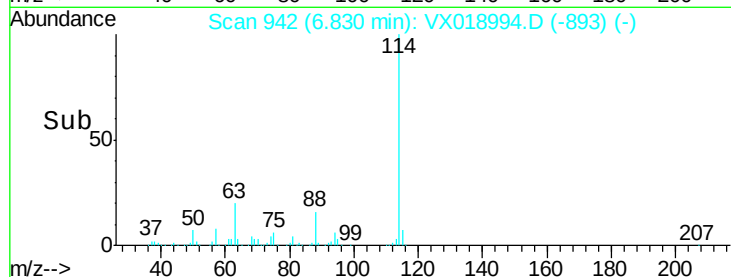
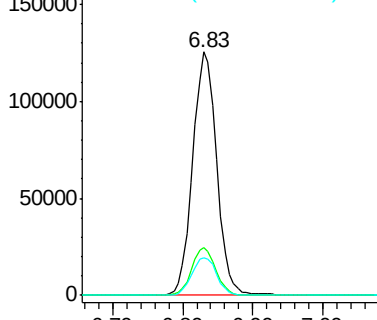
88 15.6 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.475 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018994.D

Acq: 20 Oct 2020 23:24

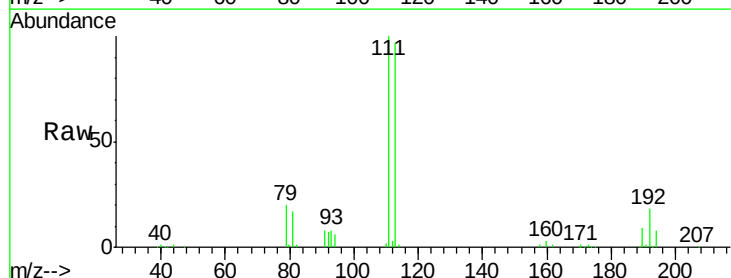
Tgt Ion:113 Resp: 92035

Ion Ratio Lower Upper

113 100

111 101.6 84.1 126.1

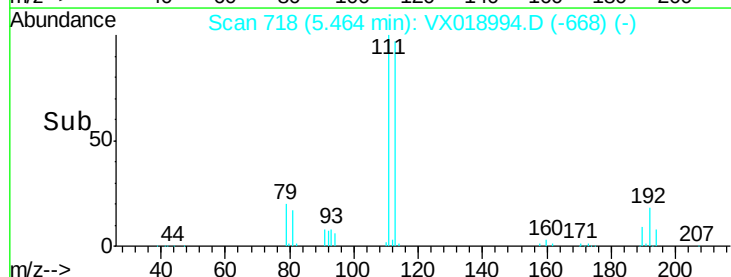
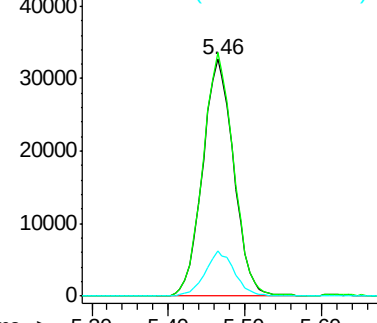
192 18.0 14.7 22.1

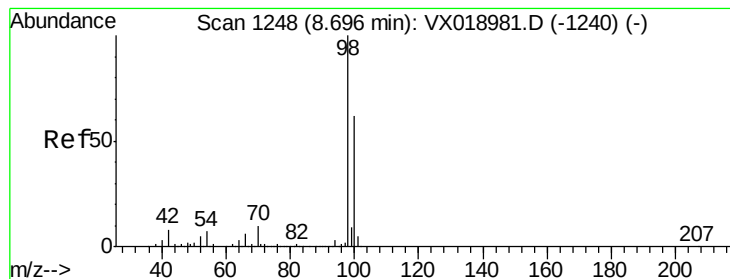


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.189 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018994.D

Acq: 20 Oct 2020 23:24

Instrument :

MSVOA_X

ClientSampleId :

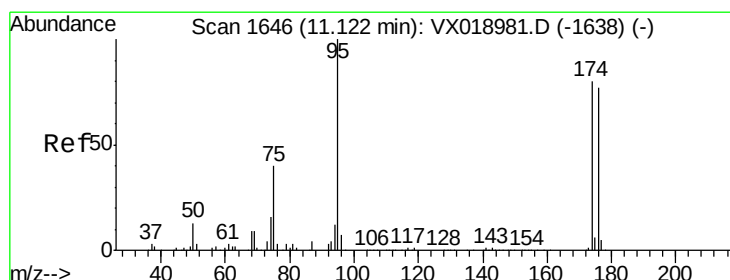
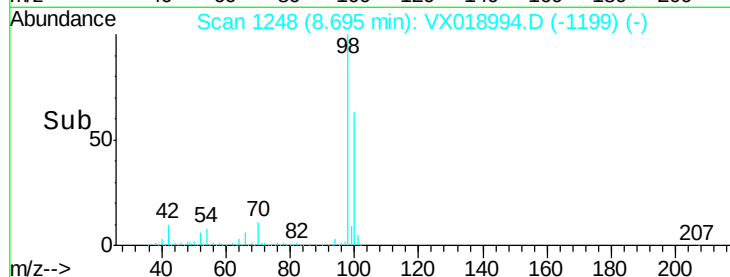
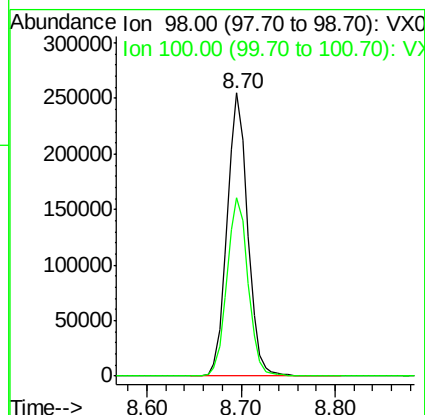
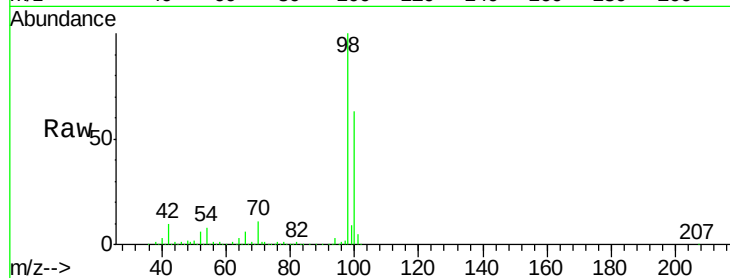
PB-2020-WS-000-02DL

Tot Ion: 98 Resp: 387268

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 49.688 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018994.D

Acq: 20 Oct 2020 23:24

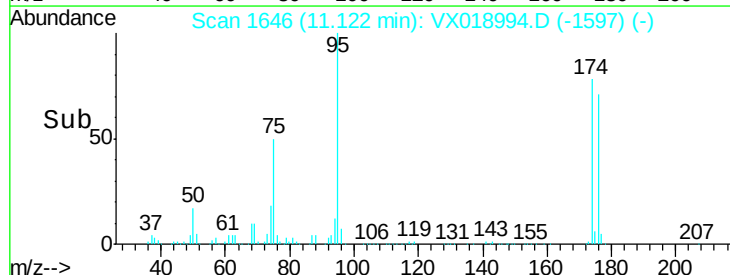
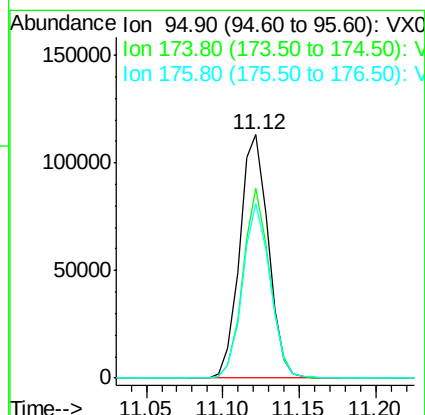
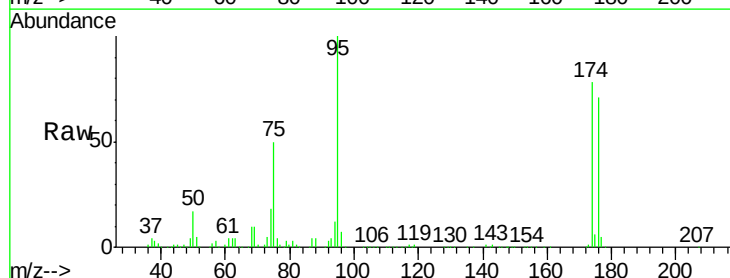
Tgt Ion: 95 Resp: 146832

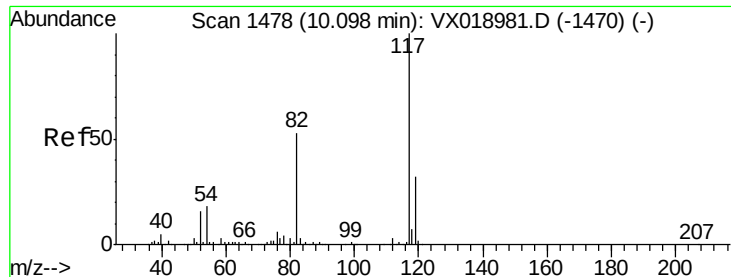
Ion Ratio Lower Upper

95 100

174 72.8 0.0 159.8

176 68.9 0.0 152.8

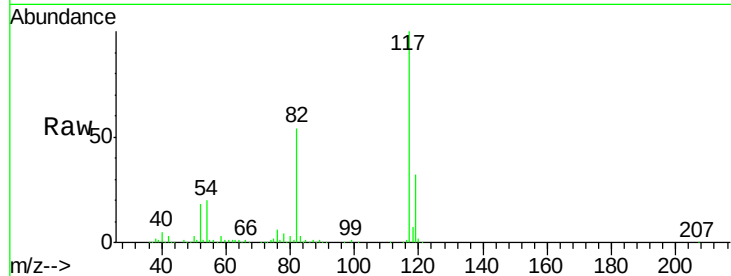




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018994.D
Acq: 20 Oct 2020 23:24

Instrument :
MSVOA_X
ClientSampleId :
PB-2020-WS-000-02DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.2	63.4
119	32.0	25.8	38.8

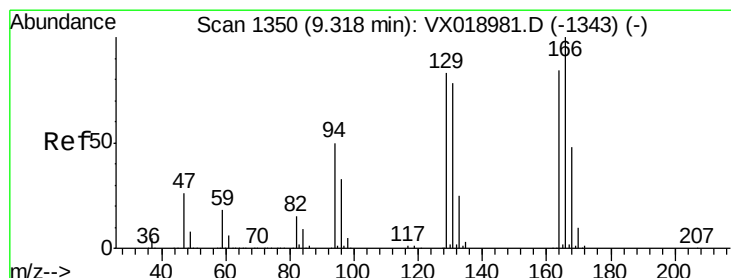
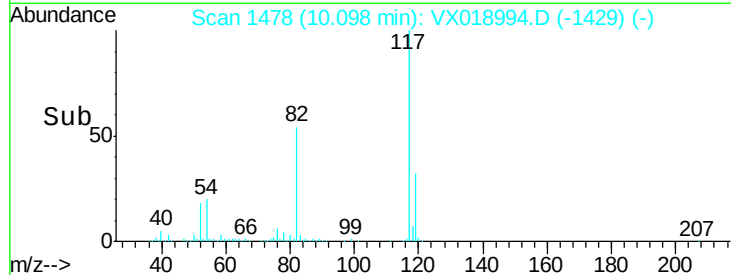
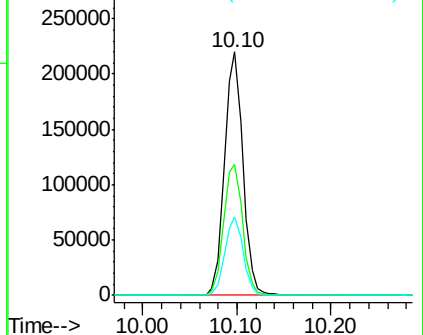


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 93.638 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018994.D
Acq: 20 Oct 2020 23:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.2	95.2	142.8
129	99.1	79.4	119.0
131	90.8	74.2	111.2

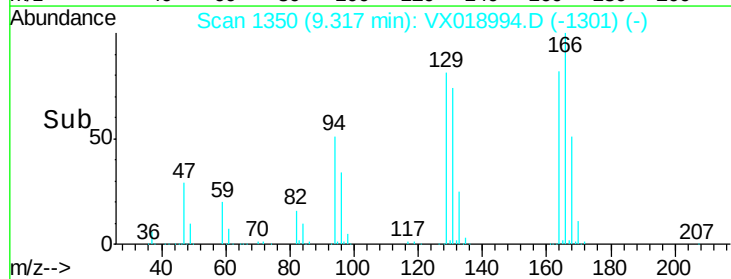
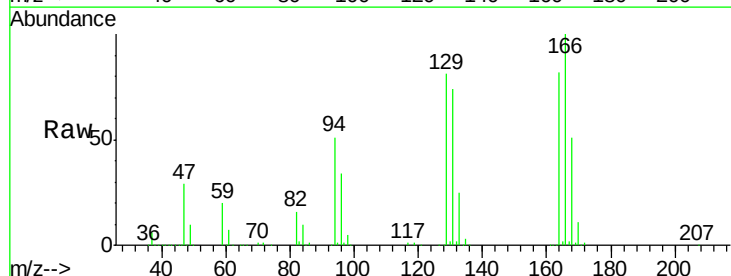
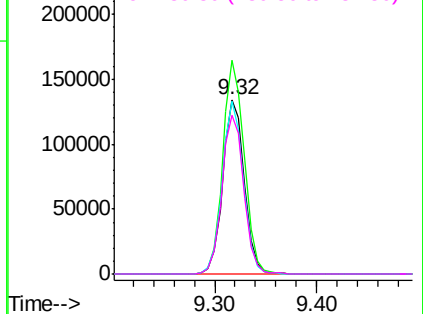
Abundance

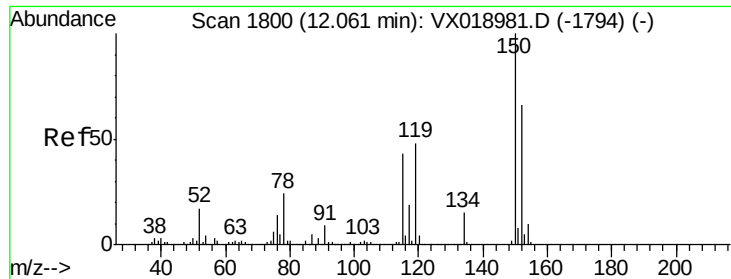
Ion 163.80 (163.50 to 164.50): V

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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018994.D

Acq: 20 Oct 2020 23:24

Instrument :

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ClientSampleId :

PB-2020-WS-000-02DL

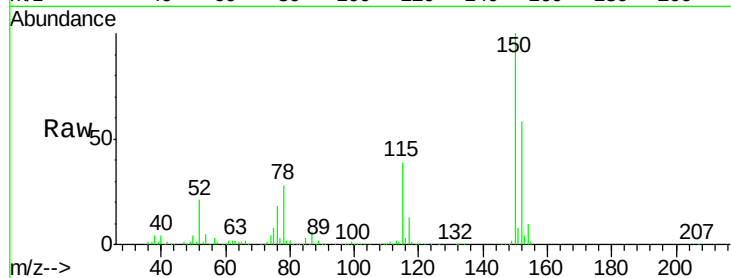
Tot Ion:152 Resp: 141934

Ion Ratio Lower Upper

152 100

115 63.1 41.2 123.6

150 162.5 0.0 345.6



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

