

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
 Data File : VX018993.D
 Acq On : 20 Oct 2020 23:01
 Operator : JC/SP
 Sample : L4418-01DL 500X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 21 04:14:38 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

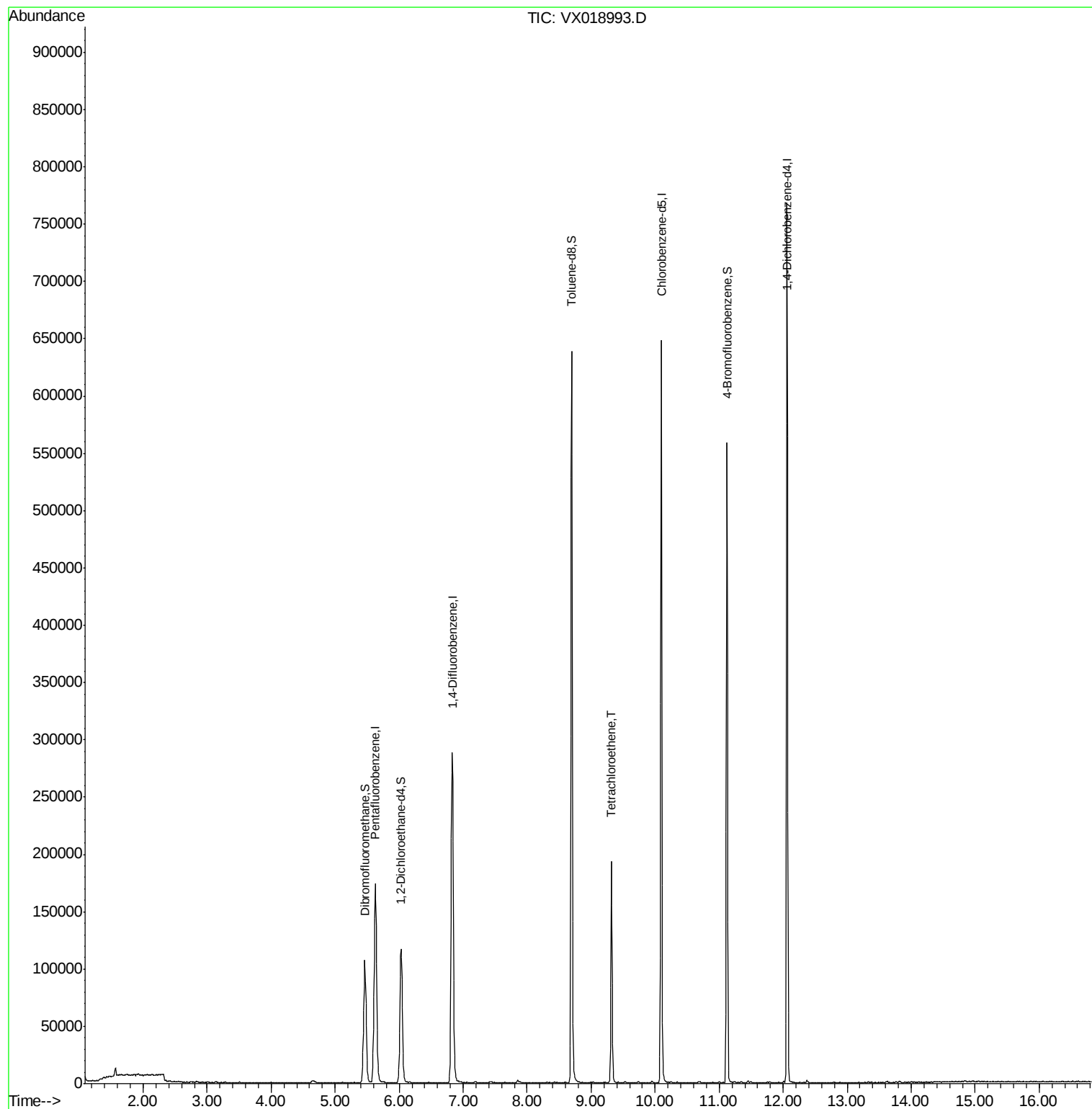
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	162304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	305860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	294708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	146127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	112553	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
35) Dibromofluoromethane	5.46	113	94179	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
50) Toluene-d8	8.70	98	394668	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.12	95	145856	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
Target Compounds						
64) Tetrachloroethene	9.32	164	35793	17.237	ug/l	Qvalue 95

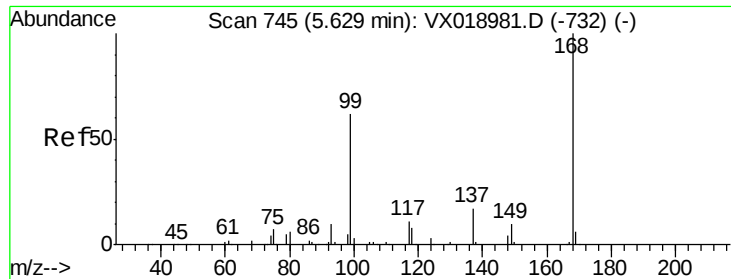
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018993.D

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ClientSampleId :

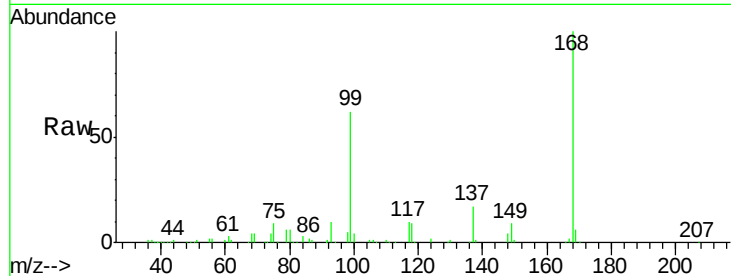
PB-2020-WS-000-02DL

Tot Ion:168 Resp: 162304

Ion Ratio Lower Upper

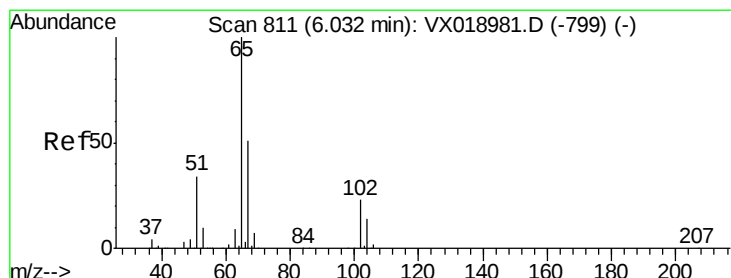
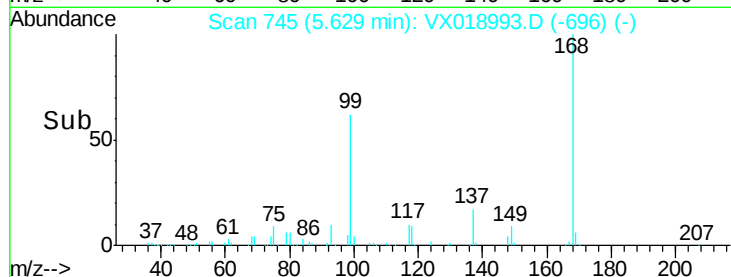
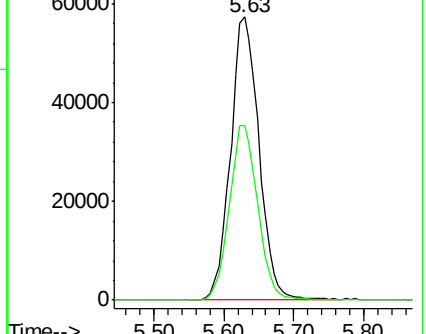
168 100

99 61.9 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: 52.756 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018993.D

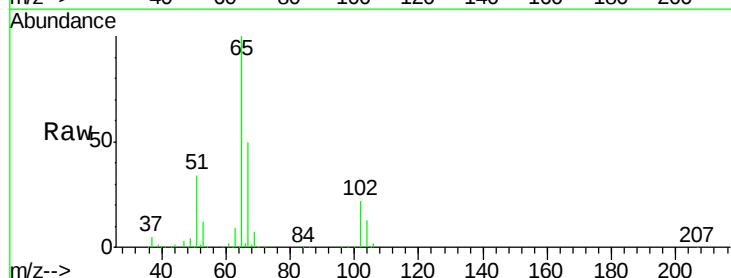
Acq: 20 Oct 2020 23:01

Tgt Ion: 65 Resp: 112553

Ion Ratio Lower Upper

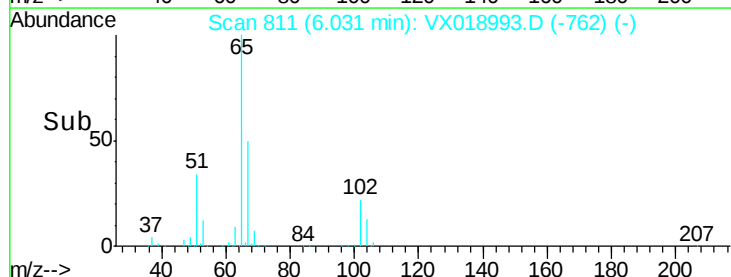
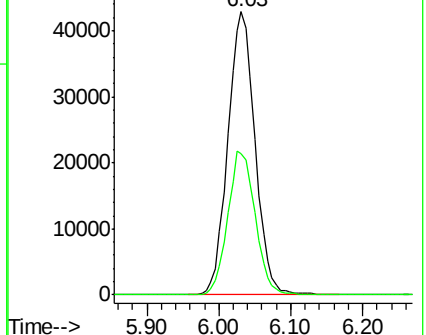
65 100

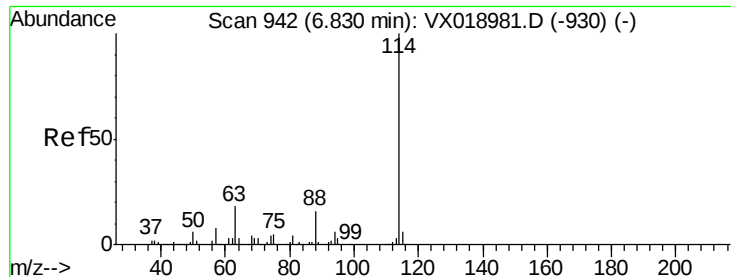
67 51.5 0.0 105.4



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: VX018993.D

Acq: 20 Oct 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

PB-2020-WS-000-02DL

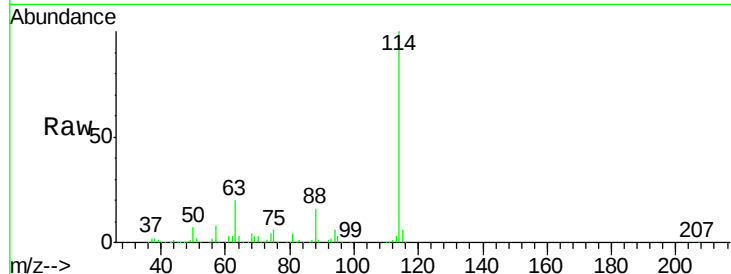
Tot Ion:114 Resp: 305860

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.8

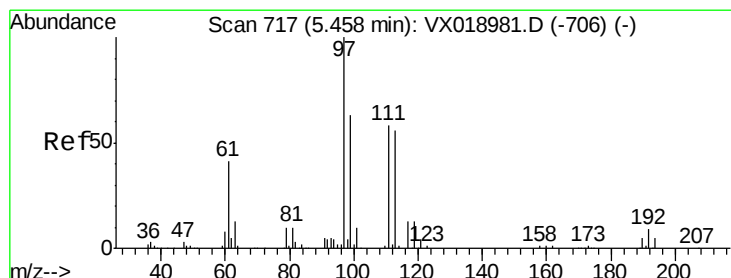
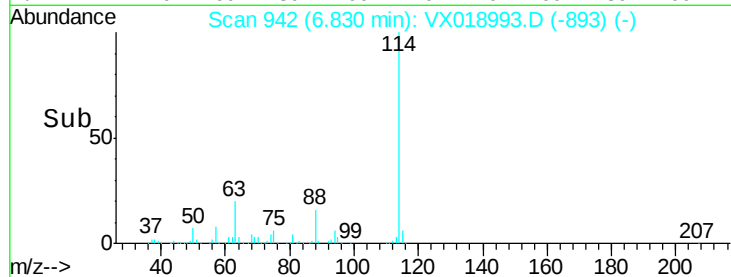
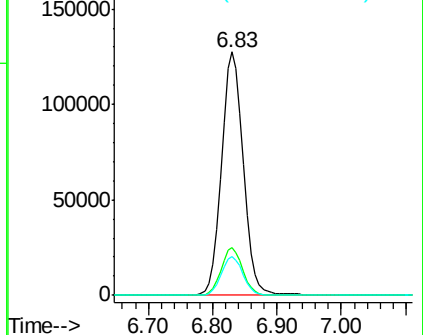
88 16.1 0.0 31.8



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: 48.720 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018993.D

Acq: 20 Oct 2020 23:01

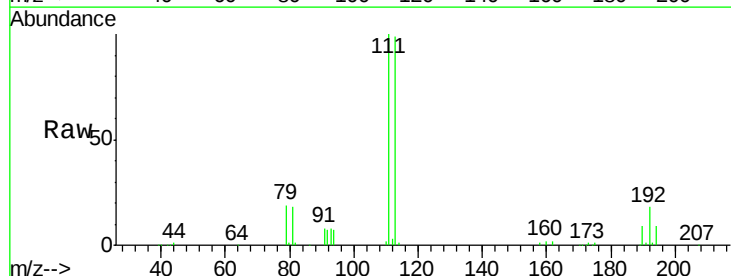
Tgt Ion:113 Resp: 94179

Ion Ratio Lower Upper

113 100

111 100.5 84.1 126.1

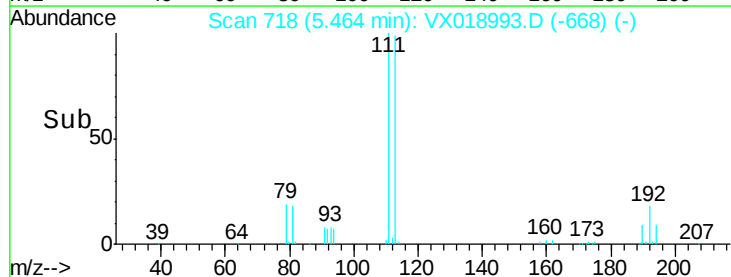
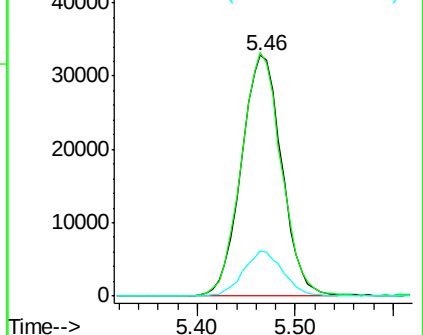
192 18.3 14.7 22.1

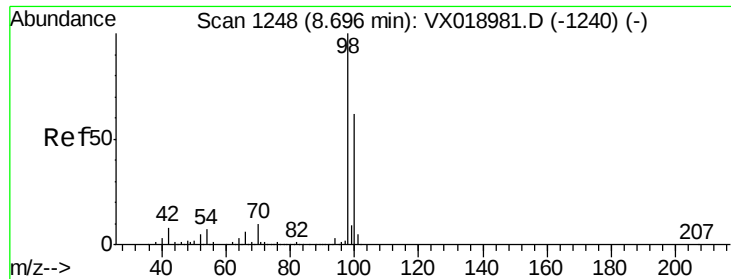


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

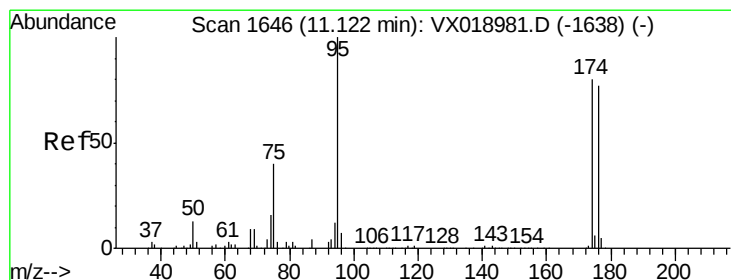
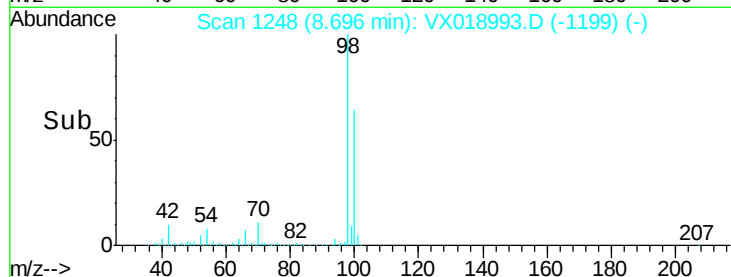
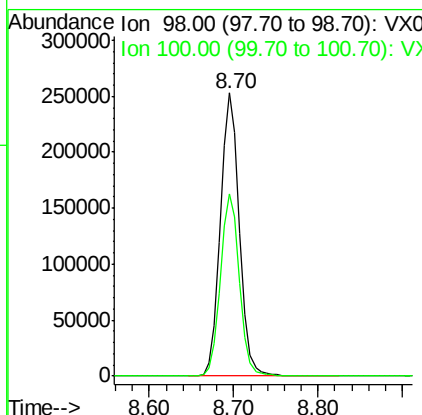
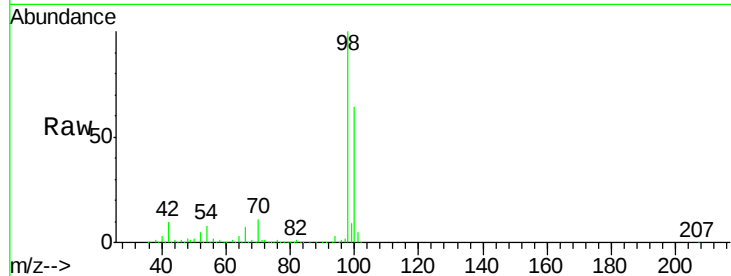




#50
Toluene-d8
Concen: 51.236 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018993.D
Acq: 20 Oct 2020 23:01

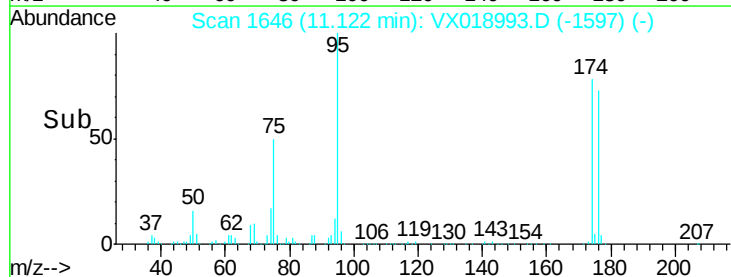
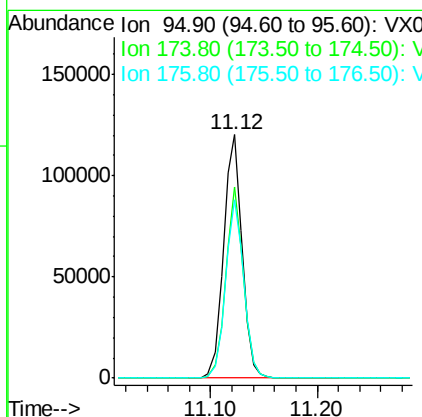
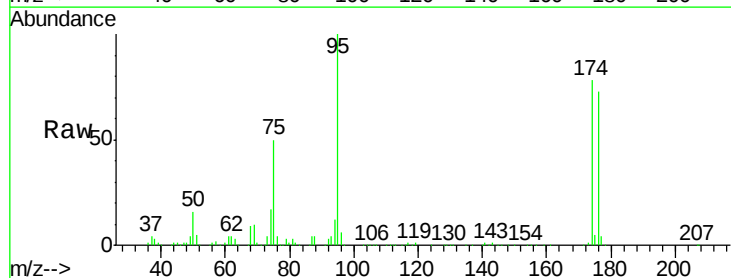
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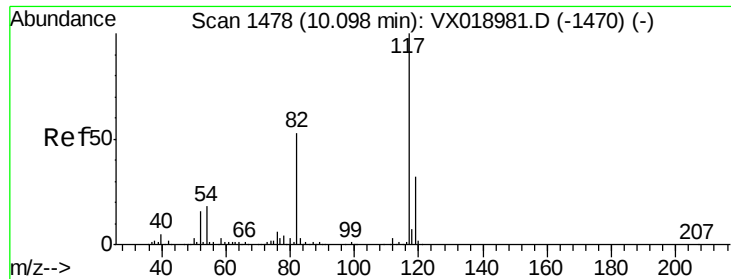
Tot Ion: 98 Resp: 394668
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.478 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018993.D
Acq: 20 Oct 2020 23:01

Tgt Ion: 95 Resp: 145856
Ion Ratio Lower Upper
95 100
174 74.3 0.0 159.8
176 72.3 0.0 152.8

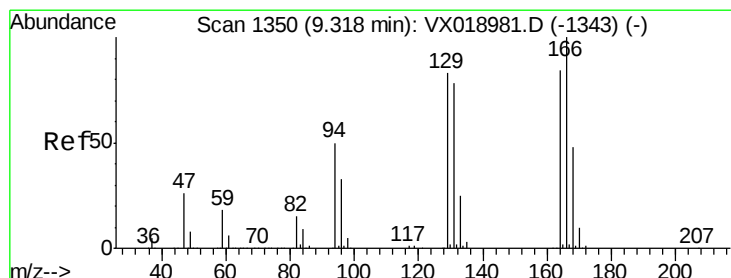
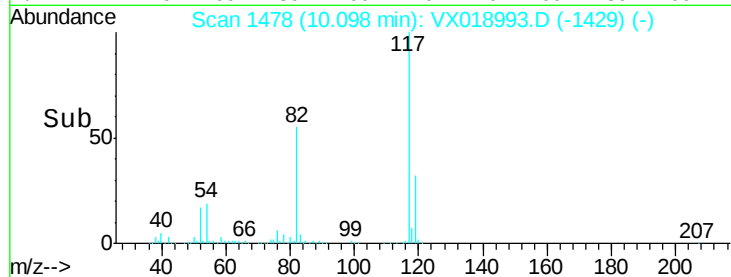
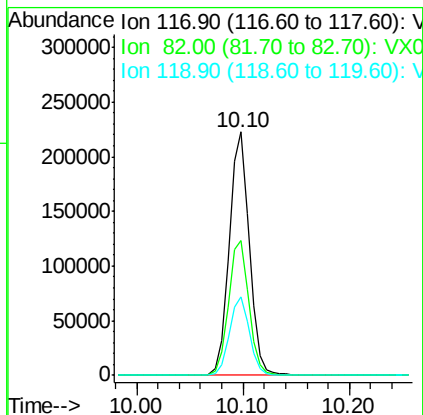
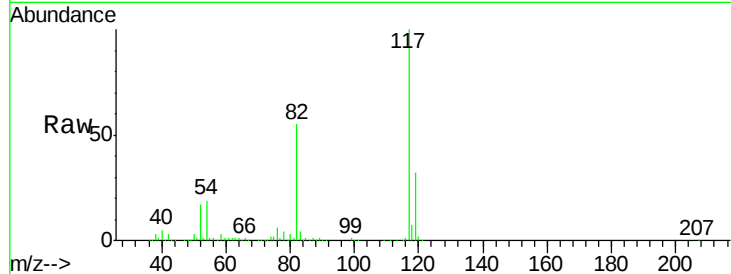




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018993.D
Acq: 20 Oct 2020 23:01

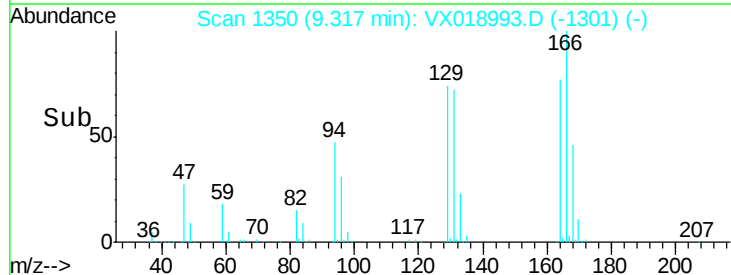
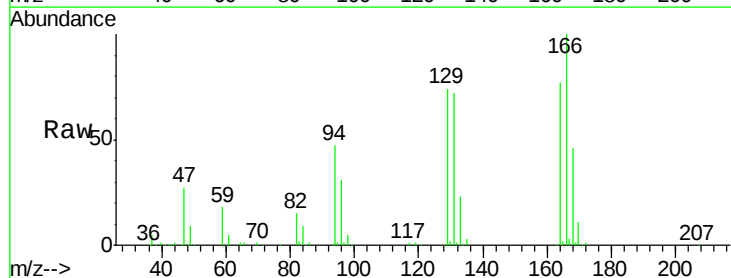
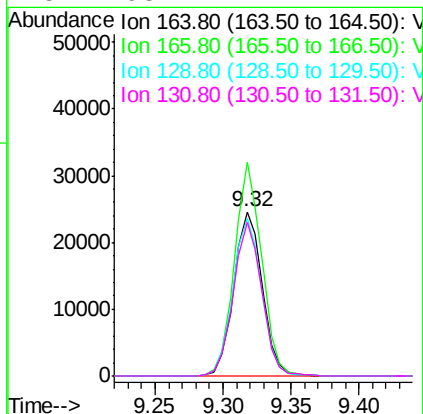
Instrument :
MSVOA_X
ClientSampleId :
PB-2020-WS-000-02DL

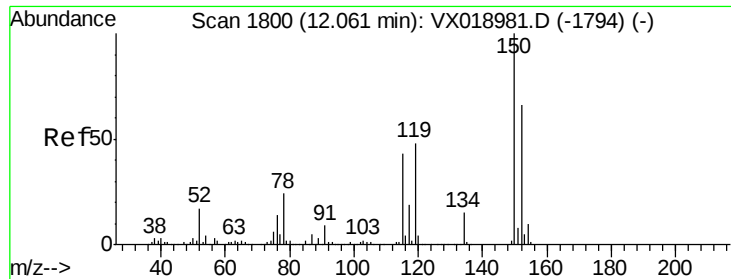
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.2	63.4
119	32.4	25.8	38.8



#64
Tetrachloroethene
Concen: 17.237 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018993.D
Acq: 20 Oct 2020 23:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	95.2	142.8
129	95.8	79.4	119.0
131	93.7	74.2	111.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018993.D

Acq: 20 Oct 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

PB-2020-WS-000-02DL

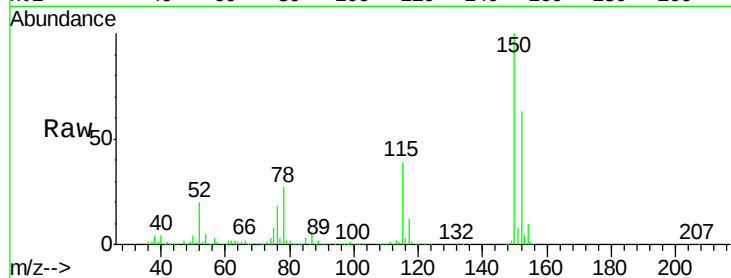
Tot Ion:152 Resp: 146127

Ion Ratio Lower Upper

152 100

115 62.6 41.2 123.6

150 161.5 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

