

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070820\
 Data File : VX017251.D
 Acq On : 08 Jul 2020 13:36
 Operator : JC/SP
 Sample : L3159-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PDB-BLANK-20200629

Quant Time: Jul 09 03:06:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

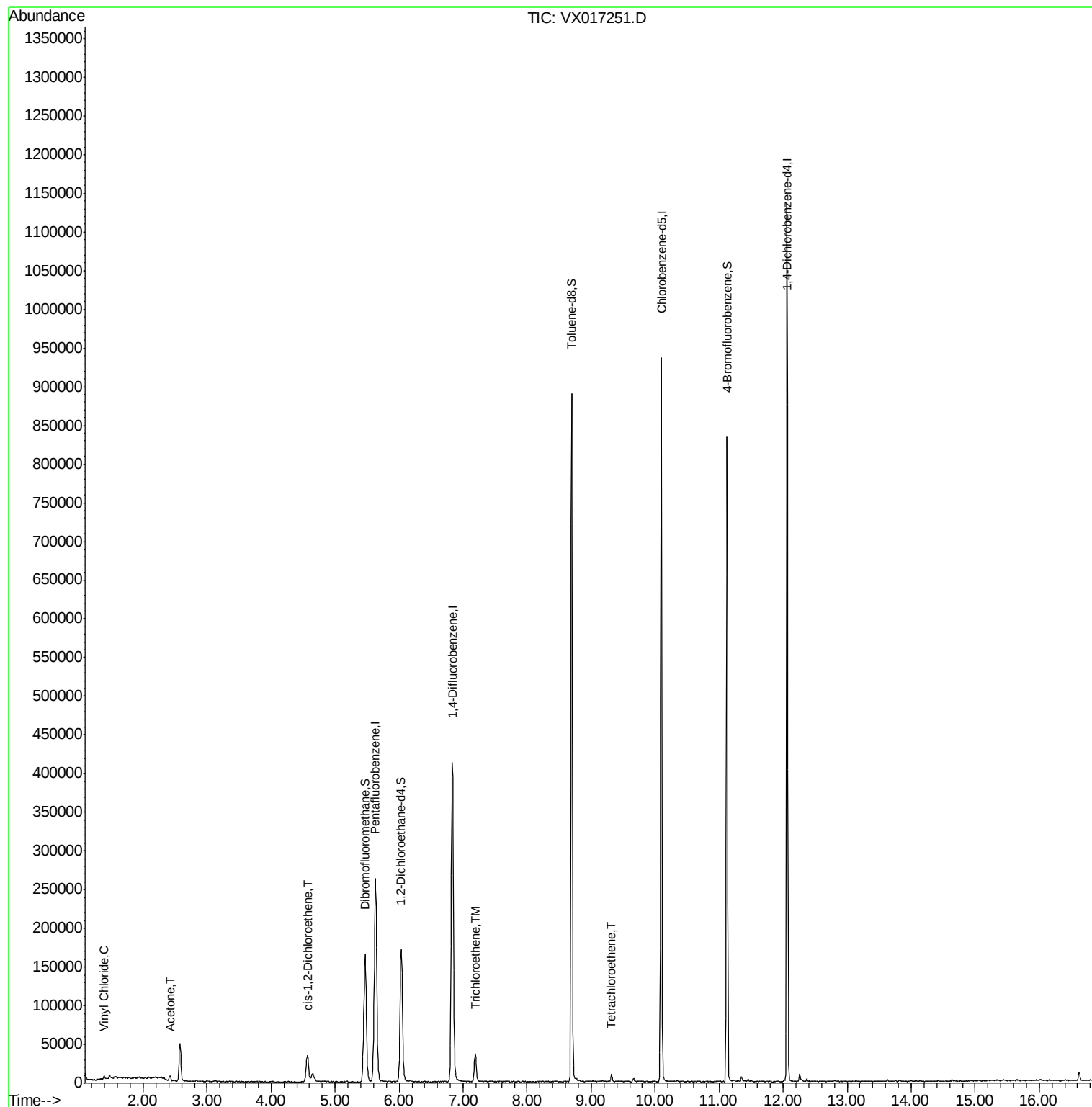
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	251281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	419858	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	431290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	167665	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
35) Dibromofluoromethane	5.47	113	141188	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
50) Toluene-d8	8.70	98	507980	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.12	95	205372	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
Target Compounds						
4) Vinyl Chloride	1.39	62	2423	0.887	ug/l	98
16) Acetone	2.42	43	6590	5.687	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	22092	7.067	ug/l	88
44) Trichloroethene	7.19	130	13937	4.047	ug/l	99
64) Tetrachloroethene	9.32	164	1078	0.310	ug/l #	88

(#) = 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. -0.01 min

Lab File: VX017251.D

Acq: 08 Jul 2020 13:36

Instrument :

MSVOA_X

ClientSampleId :

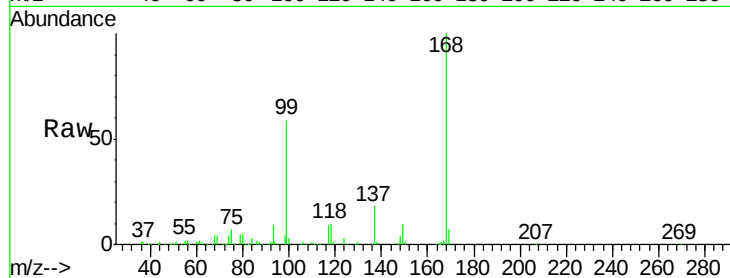
PDB-BLANK-20200629

Tot Ion:168 Resp: 251281

Ion Ratio Lower Upper

168 100

99 59.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

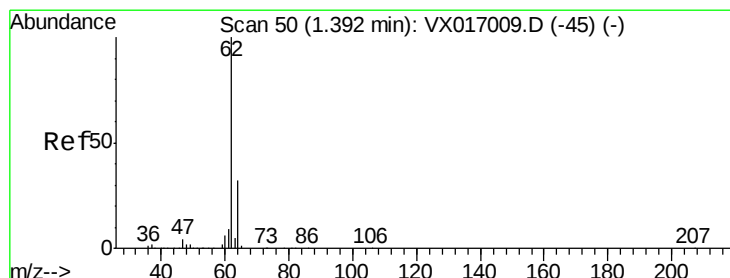
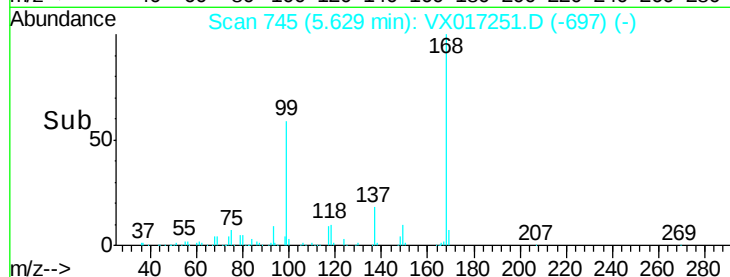
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 0.887 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017251.D

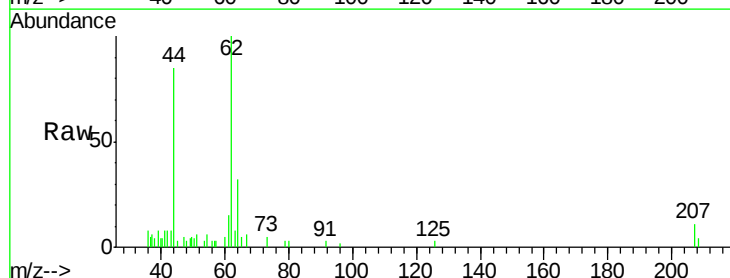
Acq: 08 Jul 2020 13:36

Tgt Ion: 62 Resp: 2423

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

2500

2000

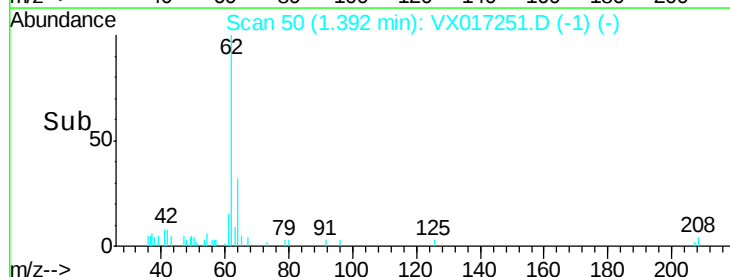
1500

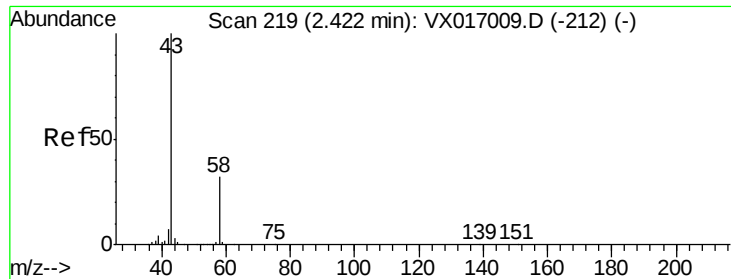
1000

500

0

Time-->





#16

Acetone

Concen: 5.687 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017251.D

Acq: 08 Jul 2020 13:36

Instrument :

MSVOA_X

ClientSampleId :

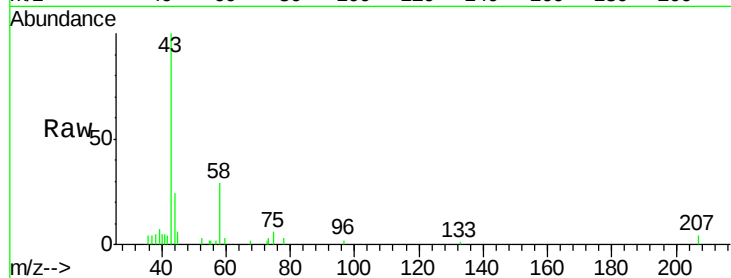
PDB-BLANK-20200629

Tot Ion: 43 Resp: 6590

Ion Ratio Lower Upper

43 100

58 30.0 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

3000

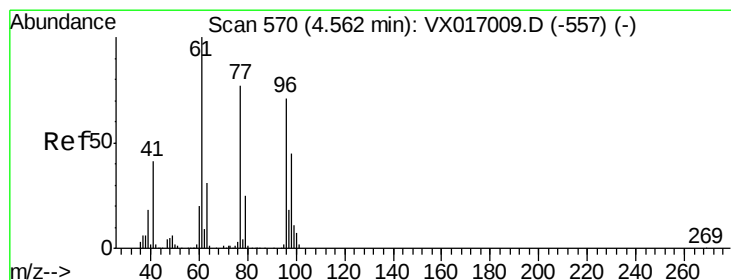
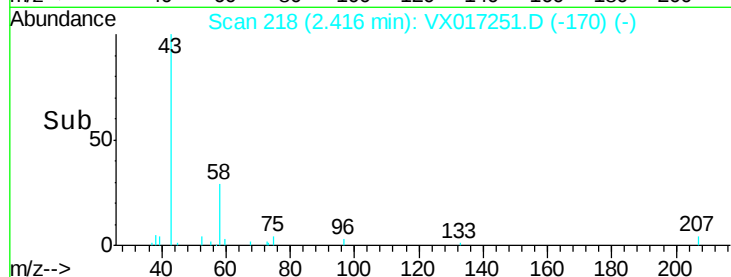
2000

1000

0

Time-->

2.35 2.40 2.45 2.50



#27

cis-1,2-Dichloroethene

Concen: 7.067 ug/l

RT: 4.57 min Scan# 572

Delta R.T. 0.01 min

Lab File: VX017251.D

Acq: 08 Jul 2020 13:36

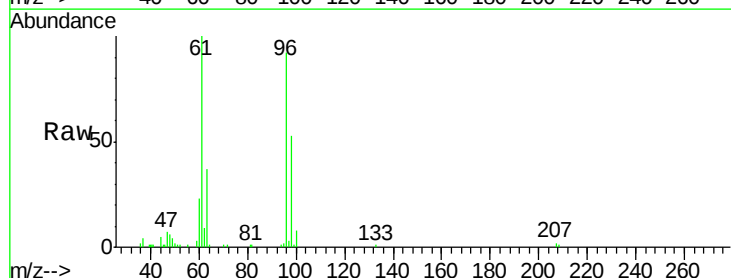
Tgt Ion: 96 Resp: 22092

Ion Ratio Lower Upper

96 100

61 121.2 0.0 282.8

98 65.2 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.57

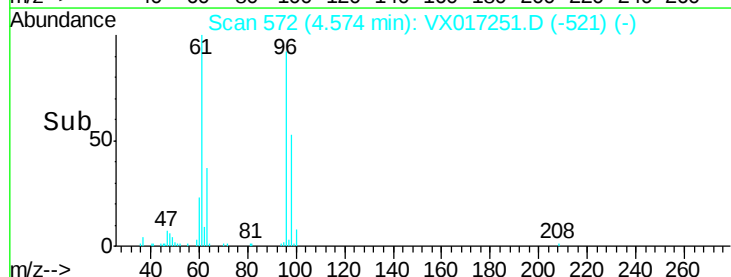
10000

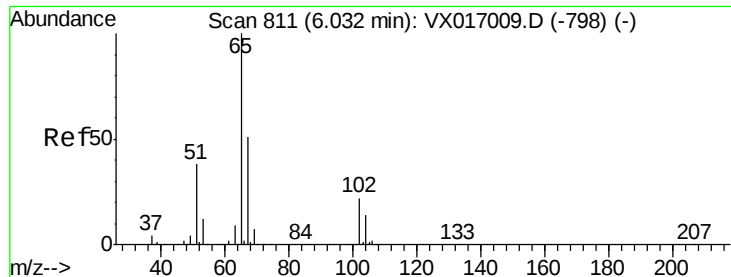
5000

0

Time-->

4.45 4.50 4.55 4.60 4.65





#33

1,2-Dichloroethane-d4

Concen: 54.124 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017251.D

Acq: 08 Jul 2020 13:36

Instrument :

MSVOA_X

ClientSampleId :

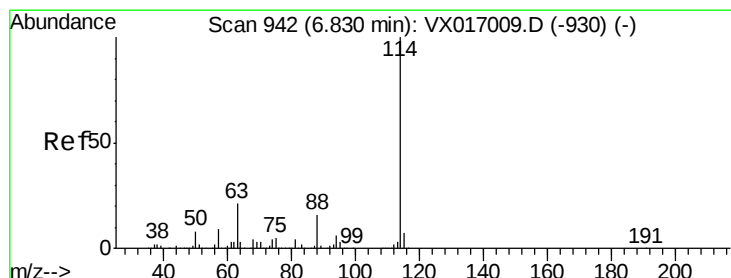
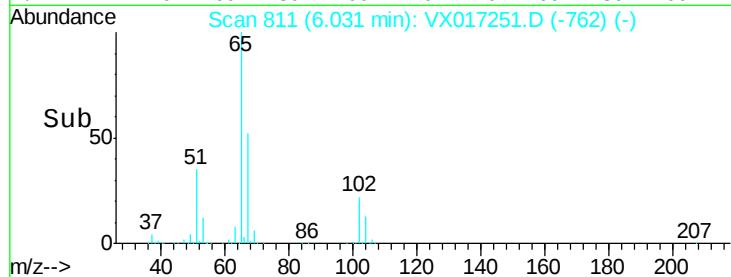
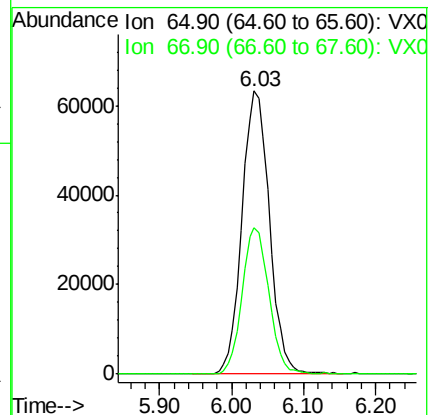
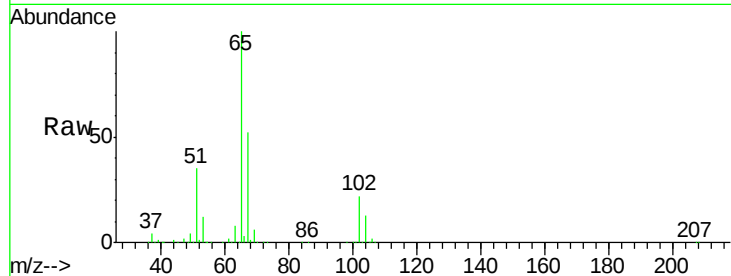
PDB-BLANK-20200629

Tot Ion: 65 Resp: 167665

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017251.D

Acq: 08 Jul 2020 13:36

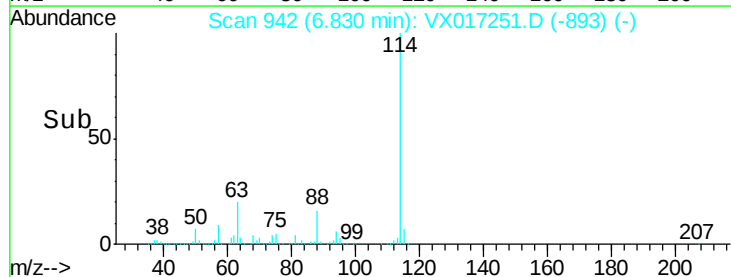
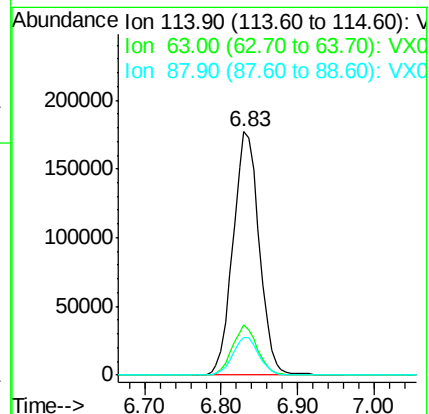
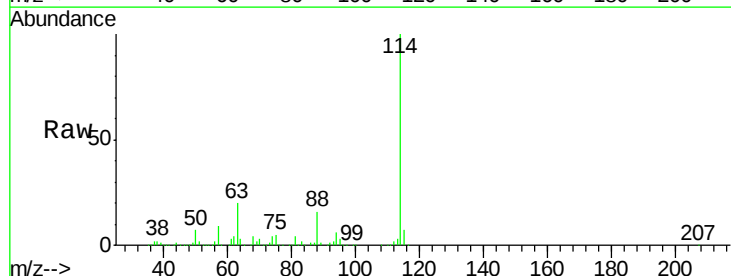
Tgt Ion: 114 Resp: 419858

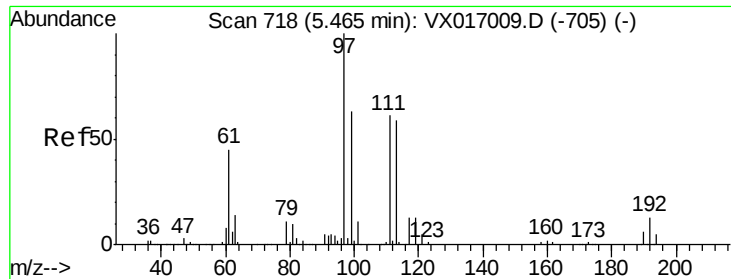
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

88 15.5 0.0 32.4

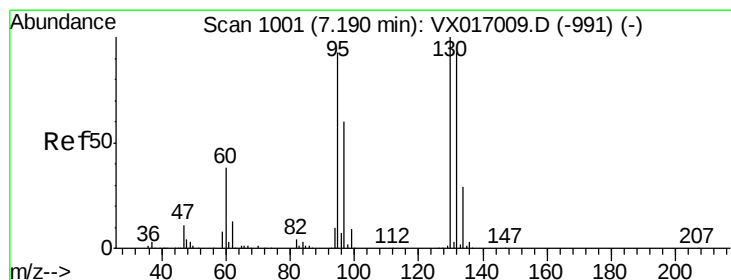
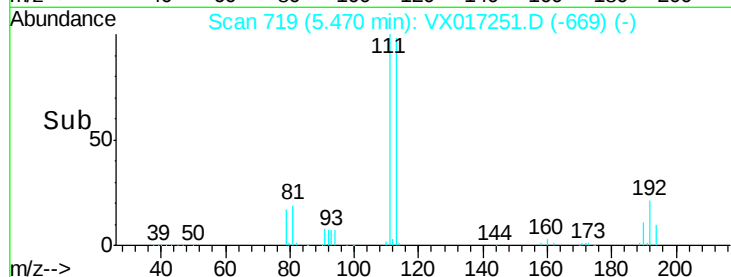
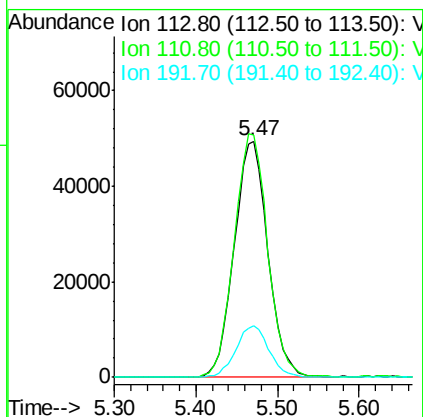
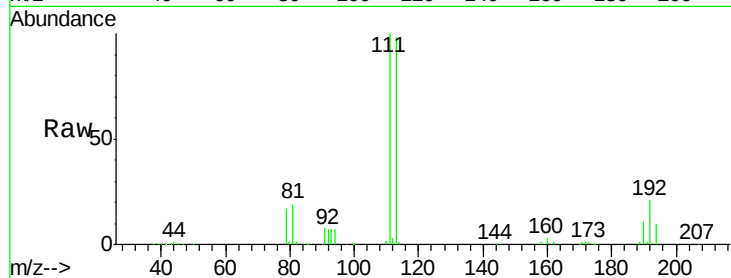




#35
 Dibromofluoromethane
 Concen: 53.160 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017251.D
 Acq: 08 Jul 2020 13:36

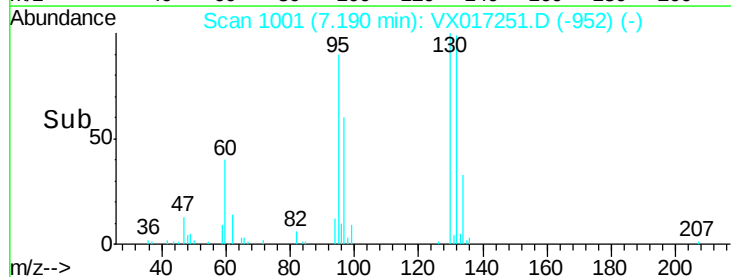
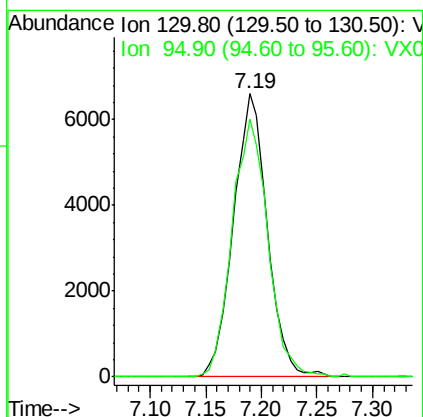
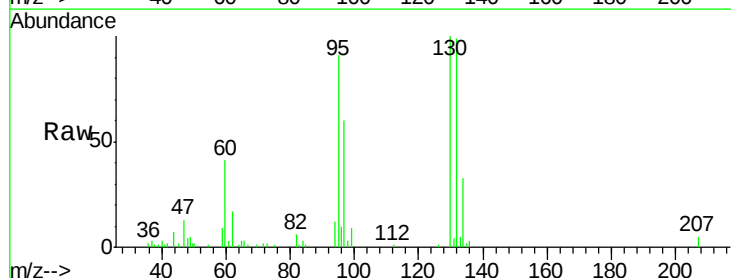
Instrument :
 MSVOA_X
 ClientSampleId :
 PDB-BLANK-20200629

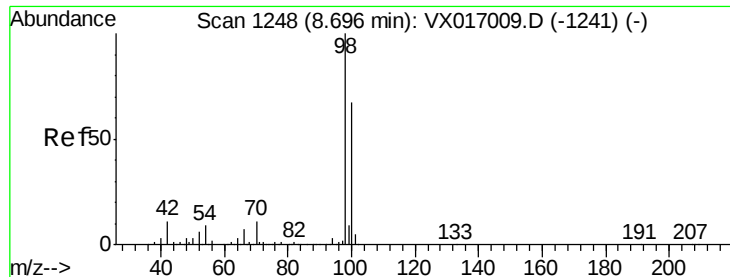
Tot Ion:113 Resp: 141188
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 21.4 16.7 25.1



#44
 Trichloroethene
 Concen: 4.047 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017251.D
 Acq: 08 Jul 2020 13:36

Tgt Ion:130 Resp: 13937
 Ion Ratio Lower Upper
 130 100
 95 91.2 0.0 185.0





#50

Toluene-d8

Concen: 51.724 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017251.D

Acq: 08 Jul 2020 13:36

Instrument :

MSVOA_X

ClientSampleId :

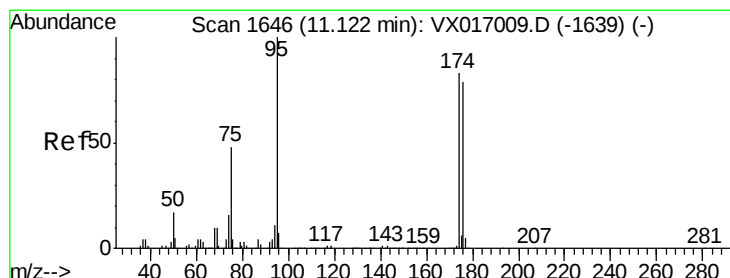
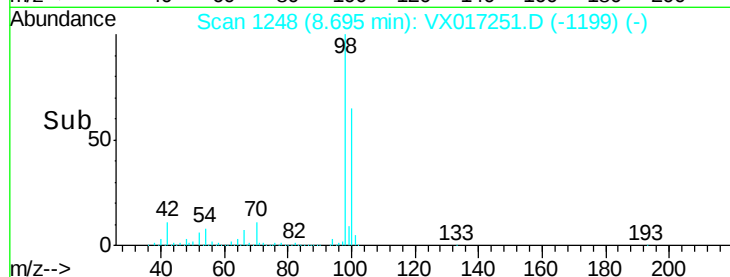
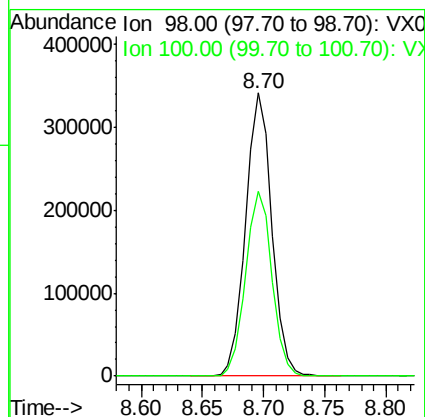
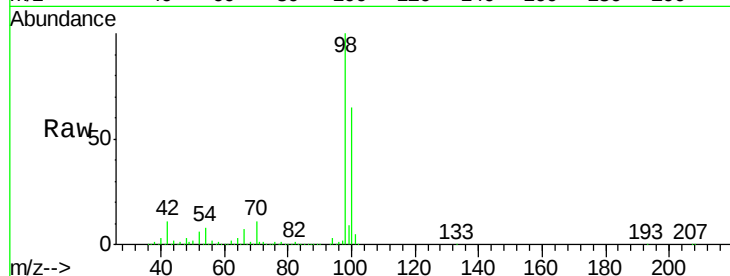
PDB-BLANK-20200629

Tot Ion: 98 Resp: 507980

Ion Ratio Lower Upper

98 100

100 66.0 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 53.494 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017251.D

Acq: 08 Jul 2020 13:36

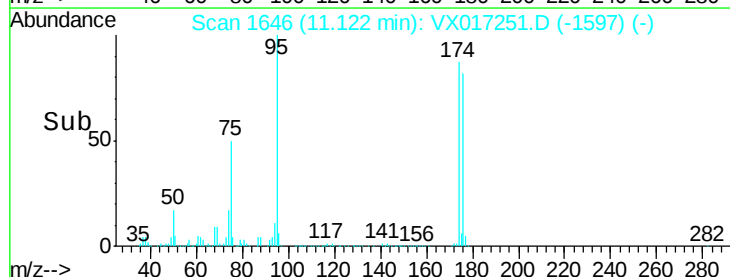
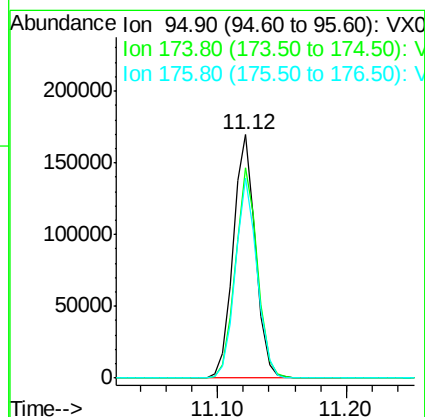
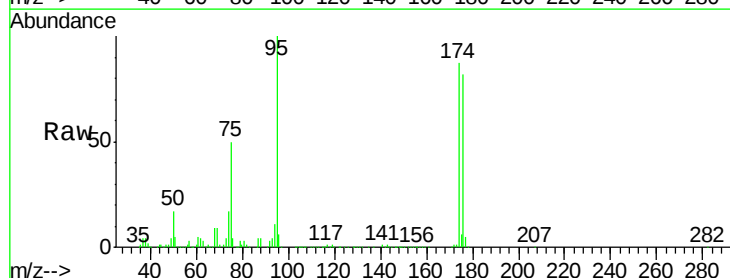
Tgt Ion: 95 Resp: 205372

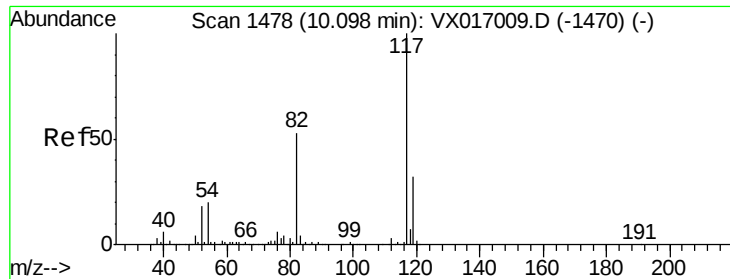
Ion Ratio Lower Upper

95 100

174 85.3 0.0 164.0

176 80.1 0.0 157.6

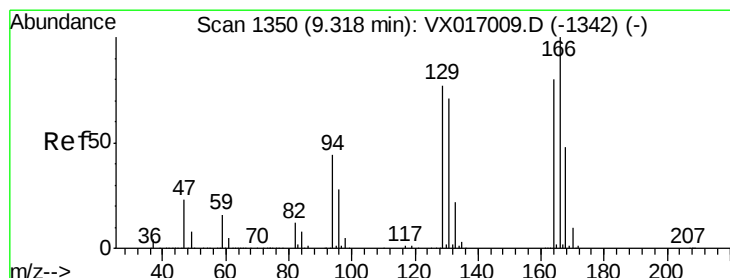
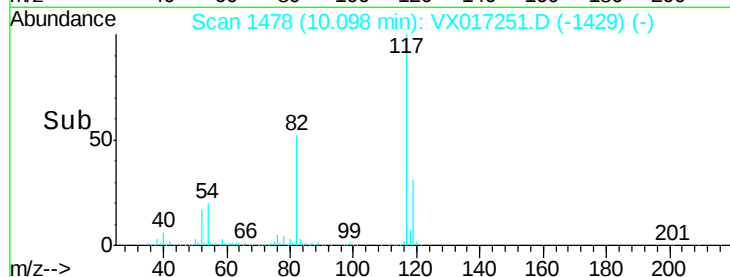
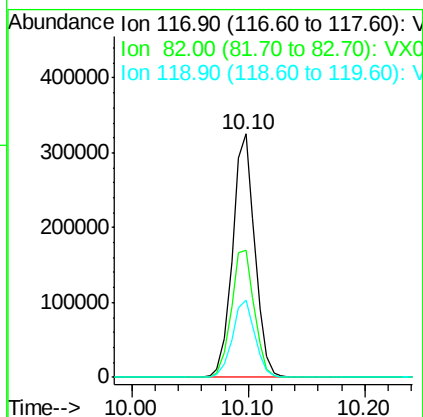
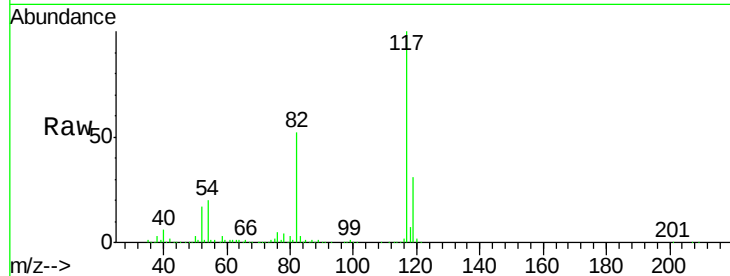




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017251.D
Acq: 08 Jul 2020 13:36

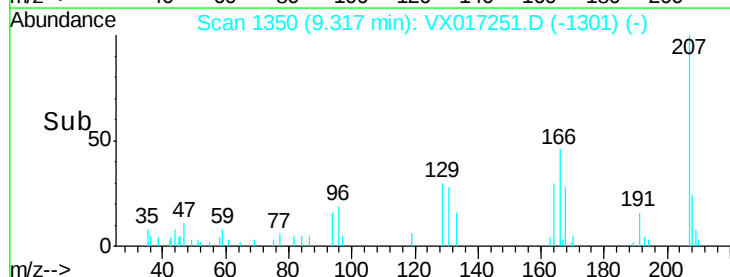
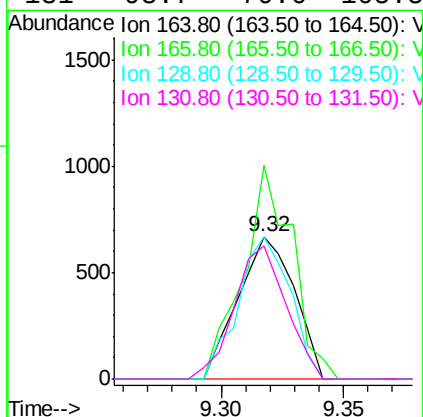
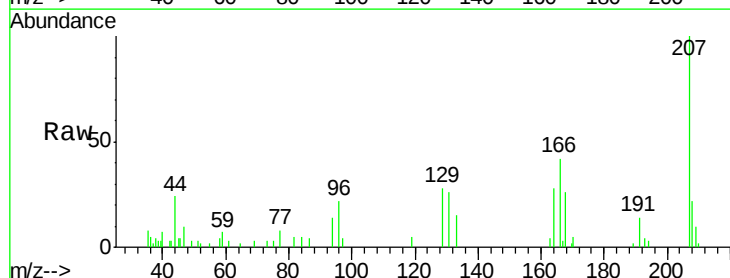
Instrument :
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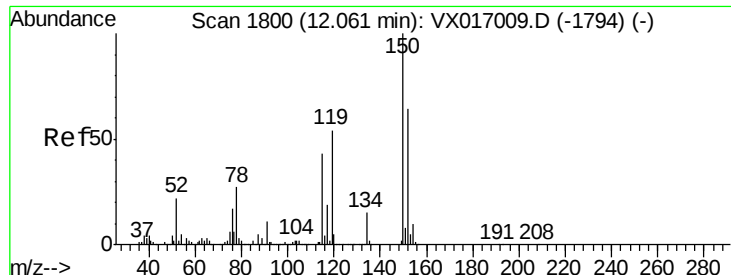
Tot Ion:117 Resp: 431290
Ion Ratio Lower Upper
117 100
82 52.1 42.6 63.8
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 0.310 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017251.D
Acq: 08 Jul 2020 13:36

Tgt Ion:164 Resp: 1078
Ion Ratio Lower Upper
164 100
166 150.1 99.4 149.0#
129 99.7 76.3 114.5
131 93.7 70.6 105.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VX017251.D
 Acq: 08 Jul 2020 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 PDB-BLANK-20200629

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.5	40.9	122.7
150	159.0	0.0	351.6

