

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011194.D
 Acq On : 30 Jul 2019 14:56
 Operator : JC/SP
 Sample : K4043-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-338-340

Quant Time: Jul 31 08:24:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

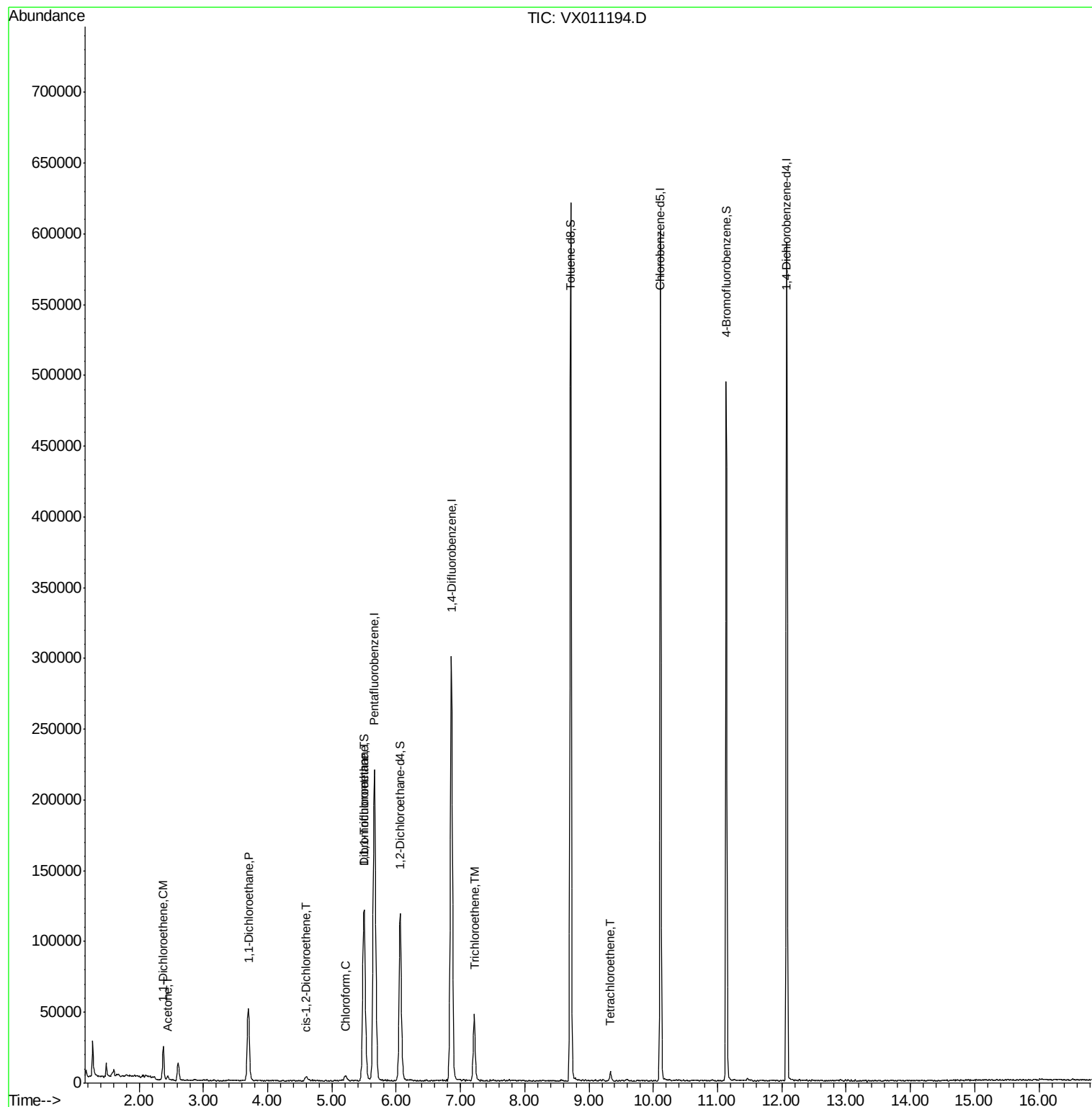
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315874	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109366	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
35) Dibromofluoromethane	5.49	113	96357	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	8.71	98	366438	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	120562	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.37	96	8932	4.575	ug/l	97
16) Acetone	2.45	43	3430	3.257	ug/l #	81
24) 1,1-Dichloroethane	3.70	63	57384	16.520	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	1899	0.792	ug/l	93
30) Chloroform	5.21	83	3844	1.024	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	7448	2.293	ug/l	96
44) Trichloroethene	7.21	130	18695	7.947	ug/l	94
64) Tetrachloroethene	9.34	164	1249	0.571	ug/l #	80

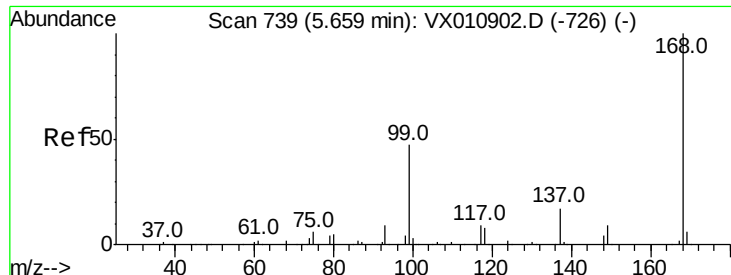
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
BP-VPB203-GW-338-340

Quant Time: Jul 31 08:24:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011194.D

Acq: 30 Jul 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

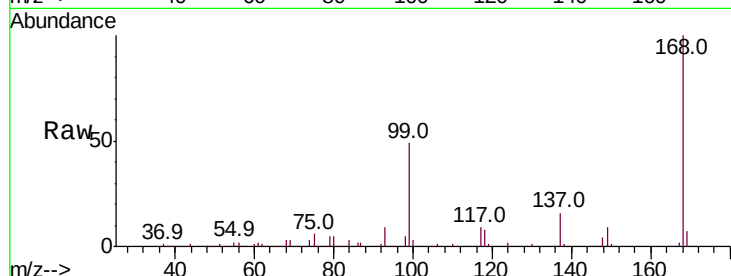
BP-VPB203-GW-338-340

Tot Ion:168 Resp: 219194

Ion Ratio Lower Upper

168 100

99 49.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

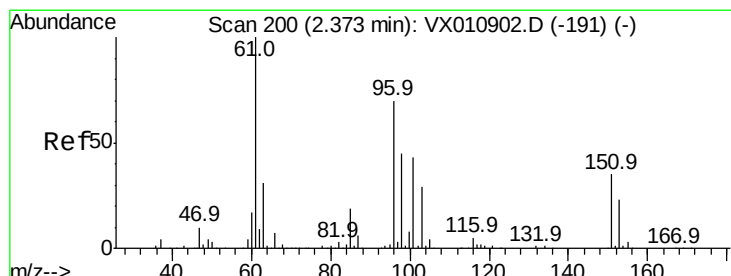
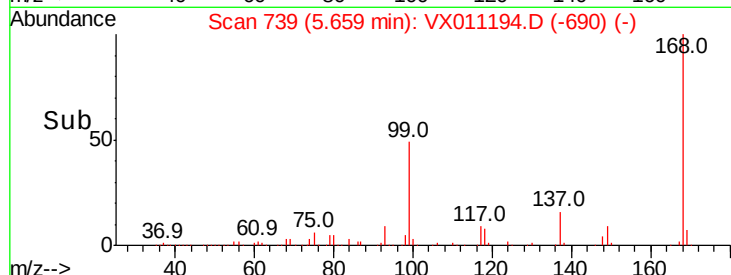
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 4.575 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011194.D

Acq: 30 Jul 2019 14:56

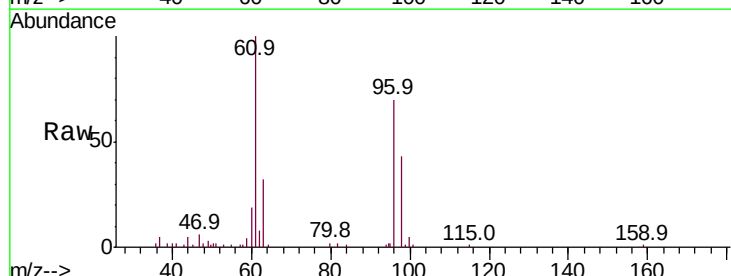
Tgt Ion: 96 Resp: 8932

Ion Ratio Lower Upper

96 100

61 142.2 115.0 172.4

98 60.7 52.2 78.2



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

10000

8000

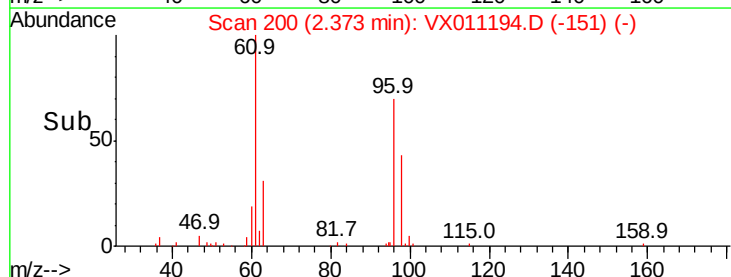
6000

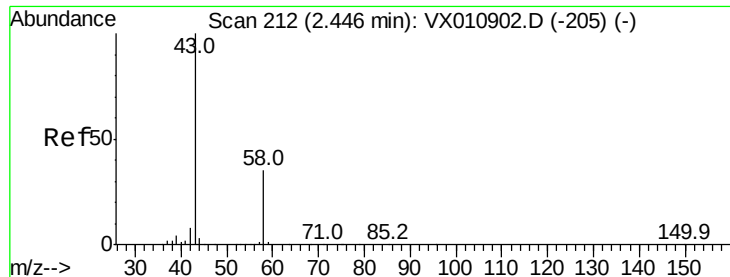
4000

2000

0

Time--> 2.30 2.35 2.40 2.45





#16

Acetone

Concen: 3.257 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011194.D

Acq: 30 Jul 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

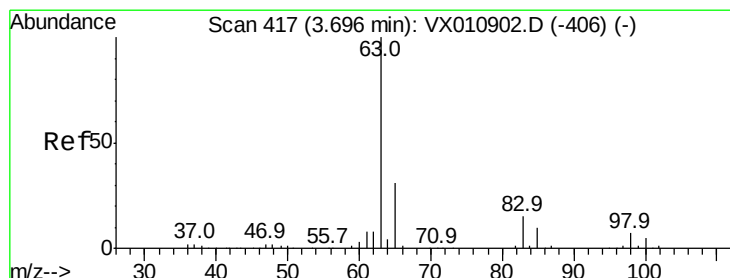
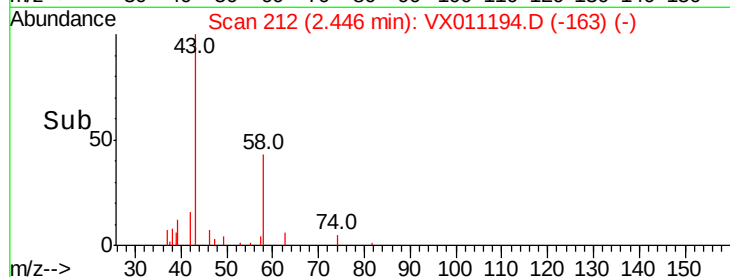
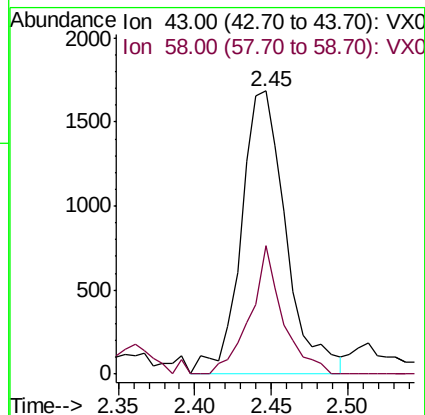
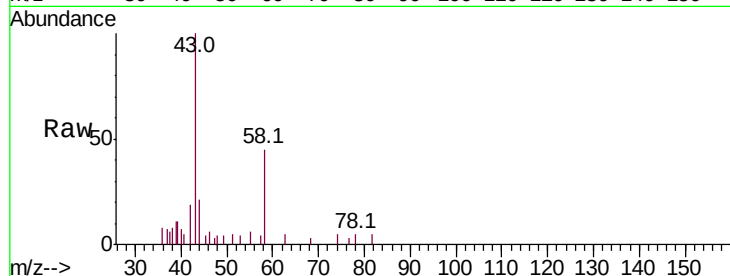
BP-VPB203-GW-338-340

Tot Ion: 43 Resp: 3430

Ion Ratio Lower Upper

43 100

58 45.4 27.7 41.5#



#24

1,1-Dichloroethane

Concen: 16.520 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX011194.D

Acq: 30 Jul 2019 14:56

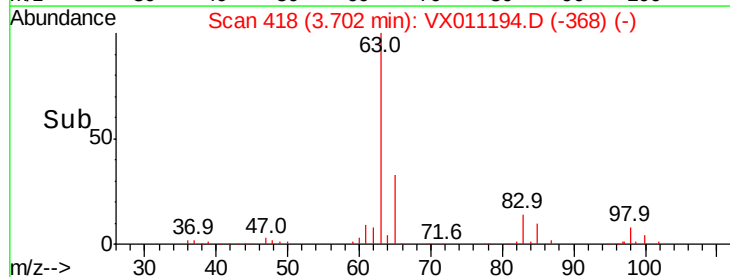
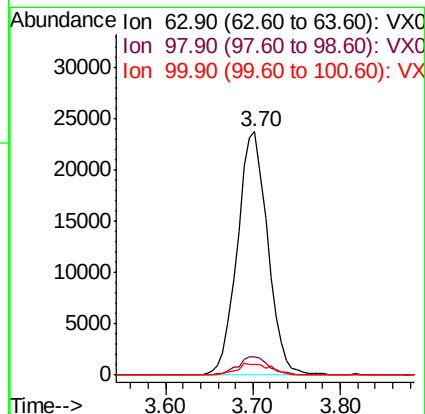
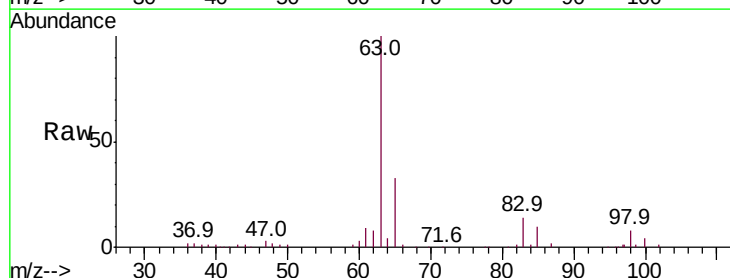
Tgt Ion: 63 Resp: 57384

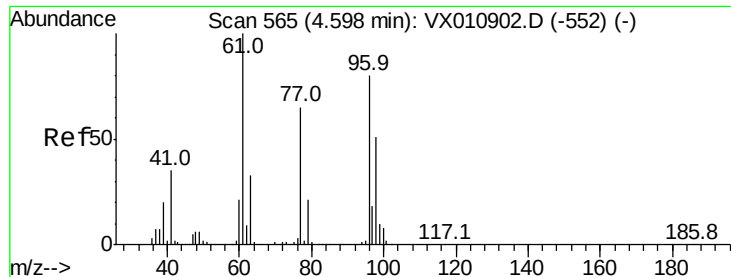
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

100 4.4 2.4 7.2



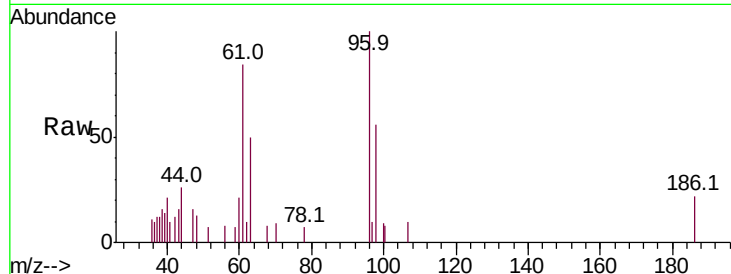


#27

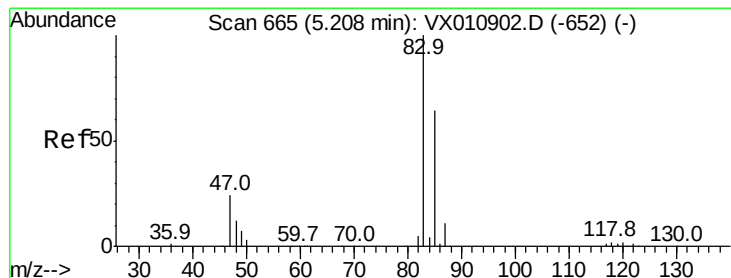
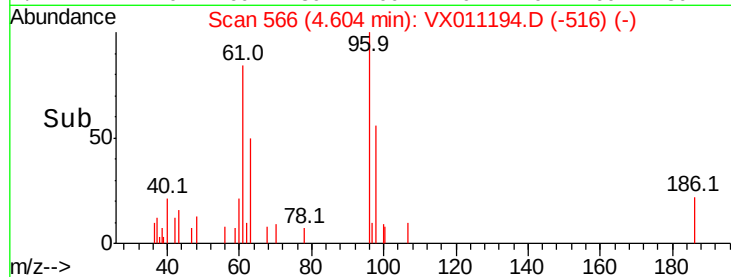
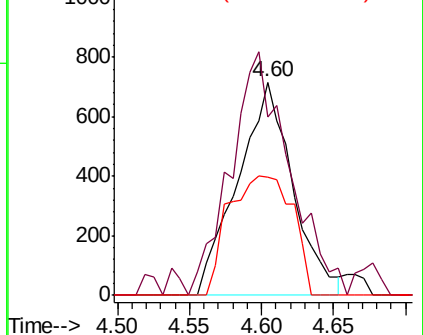
cis-1,2-Dichloroethene
 Concen: 0.792 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX011194.D
 Acq: 30 Jul 2019 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-338-340

Tot Ion: 96 Resp: 1899
 Ion Ratio Lower Upper
 96 100
 61 121.7 0.0 269.0
 98 65.3 0.0 131.4



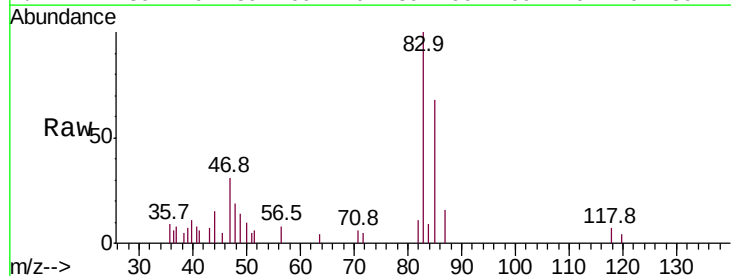
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



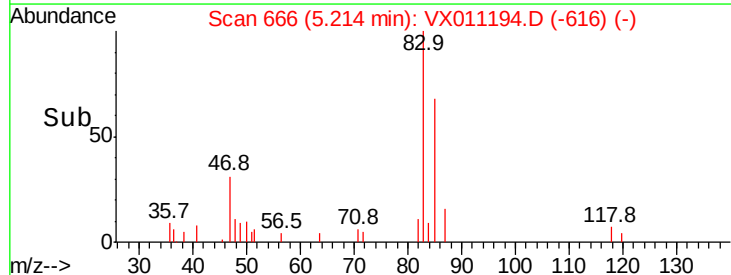
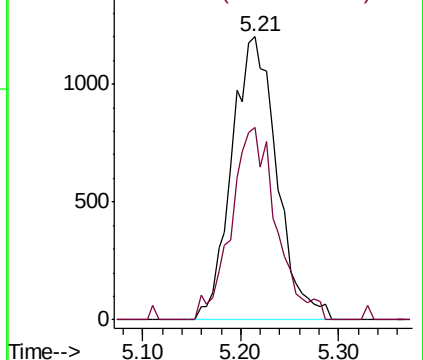
#30

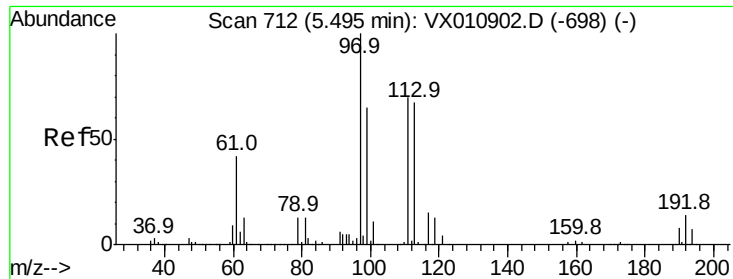
Chloroform
 Concen: 1.024 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VX011194.D
 Acq: 30 Jul 2019 14:56

Tgt Ion: 83 Resp: 3844
 Ion Ratio Lower Upper
 83 100
 85 68.0 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0





#32

1,1,1-Trichloroethane

Concen: 2.293 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011194.D

Acq: 30 Jul 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-338-340

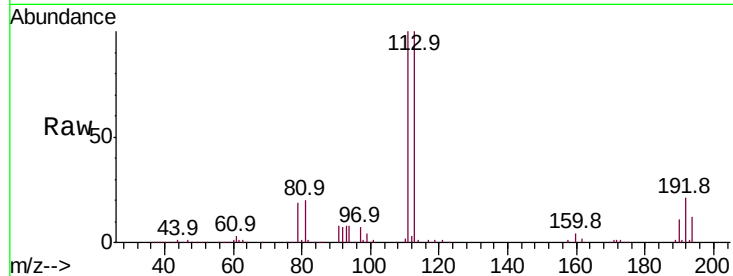
Tot Ion: 97 Resp: 7448

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

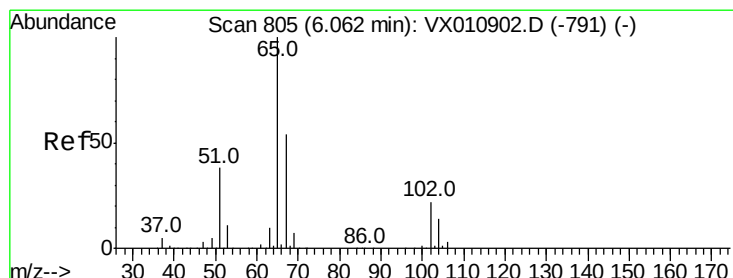
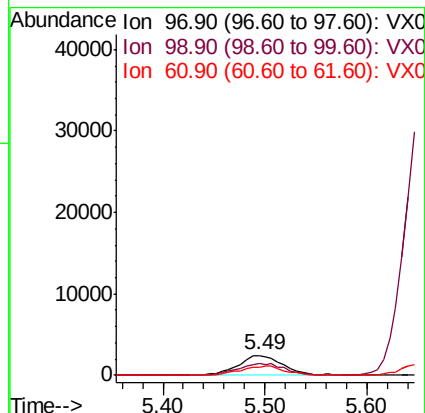
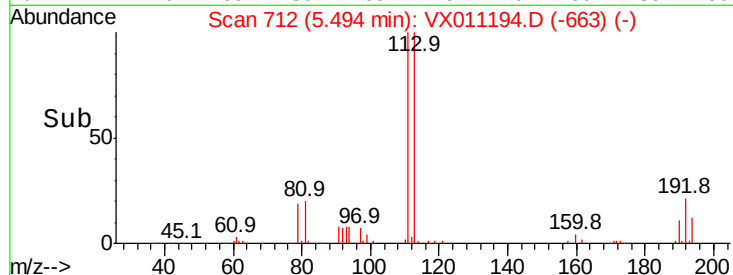
61 47.2 33.0 49.6



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.900 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011194.D

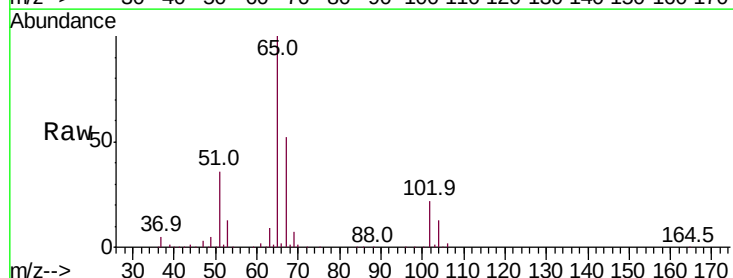
Acq: 30 Jul 2019 14:56

Tgt Ion: 65 Resp: 109366

Ion Ratio Lower Upper

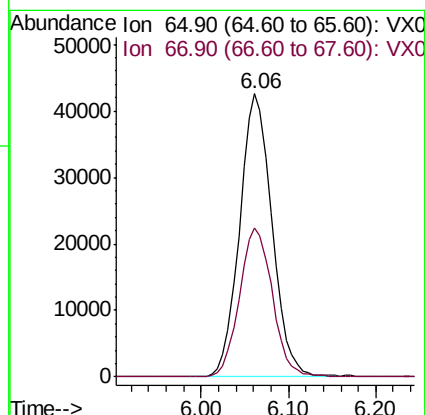
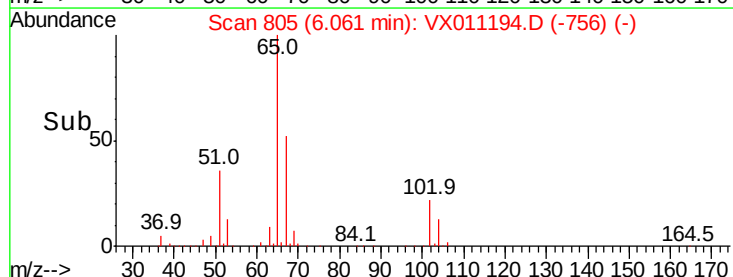
65 100

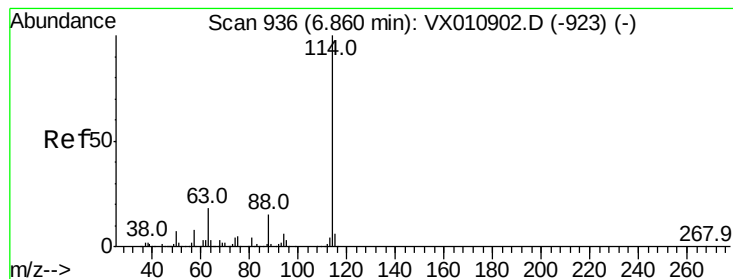
67 53.5 0.0 107.8



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011194.D

Acq: 30 Jul 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-338-340

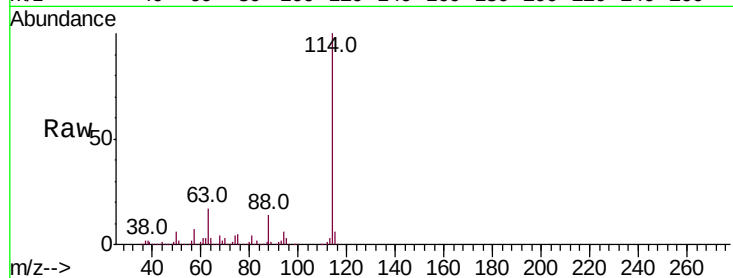
Tot Ion:114 Resp: 315874

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.6

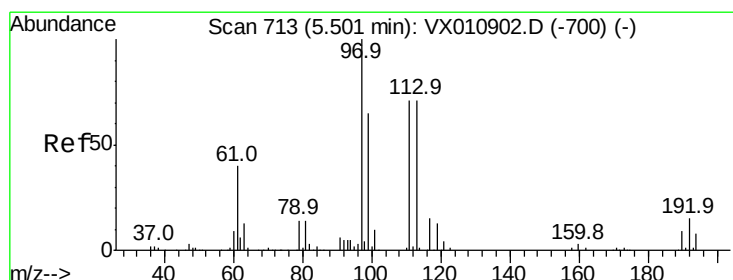
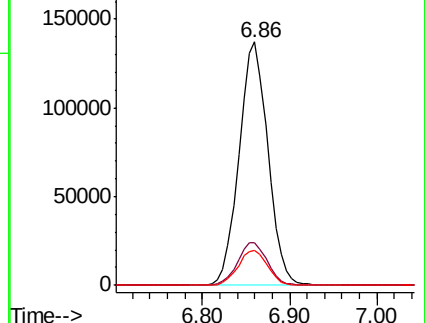
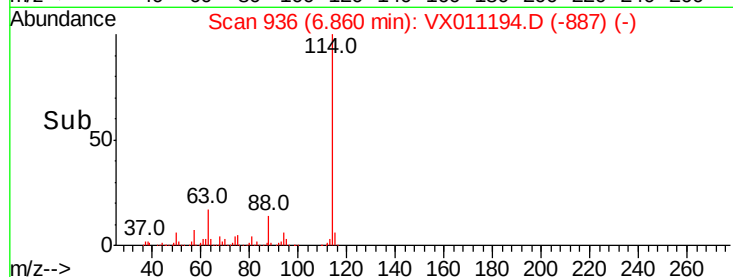
88 14.5 0.0 29.8



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: 48.060 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011194.D

Acq: 30 Jul 2019 14:56

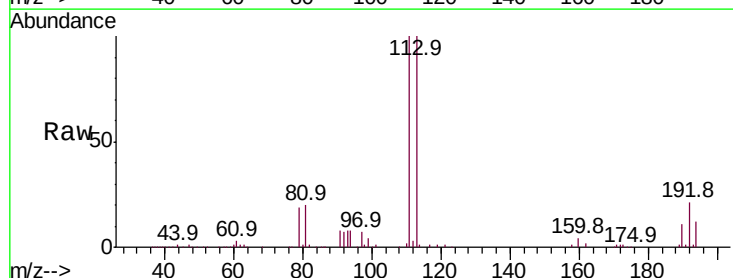
Tgt Ion:113 Resp: 96357

Ion Ratio Lower Upper

113 100

111 101.4 82.3 123.5

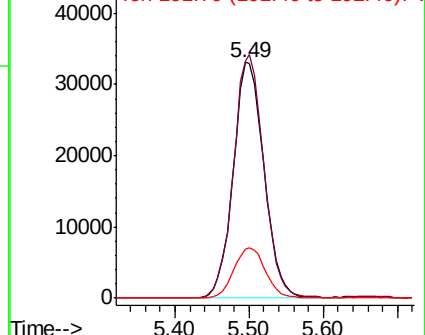
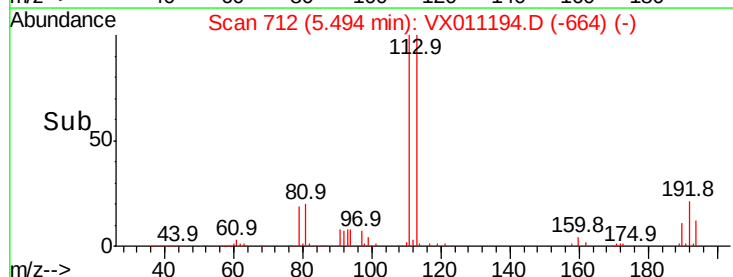
192 21.8 17.4 26.2

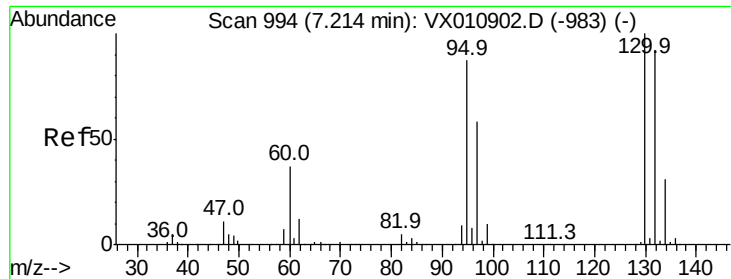


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

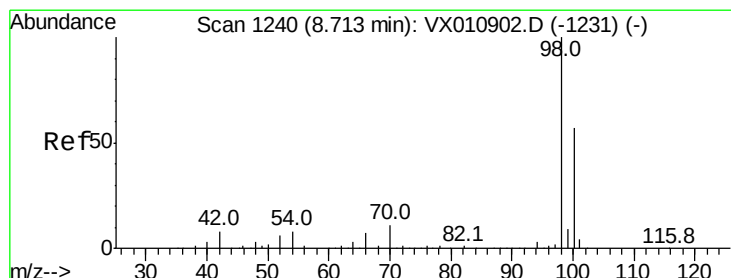
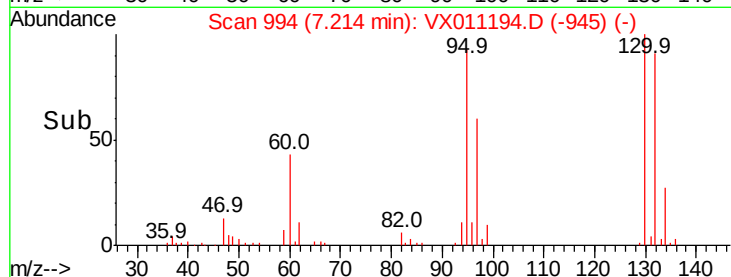
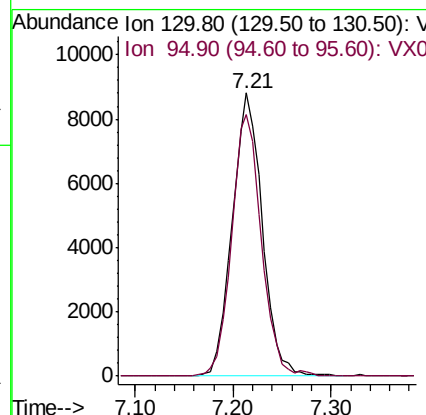
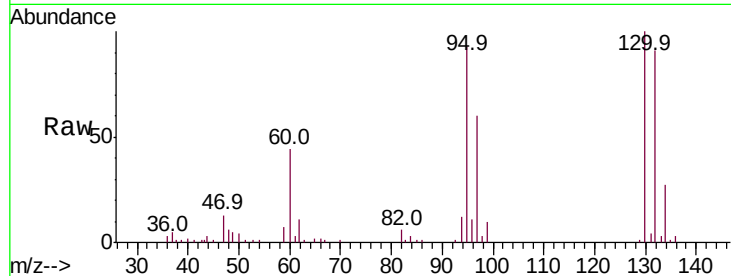




#44
 Trichloroethene
 Concen: 7.947 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011194.D
 Acq: 30 Jul 2019 14:56

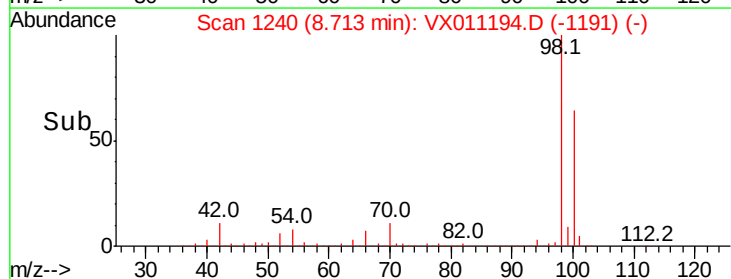
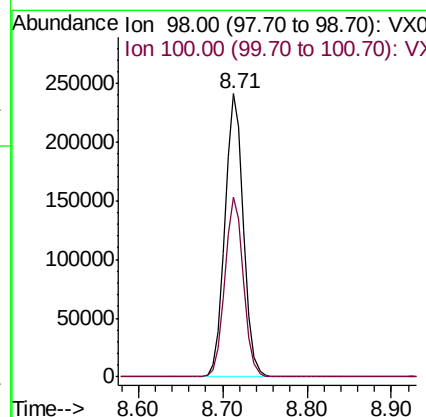
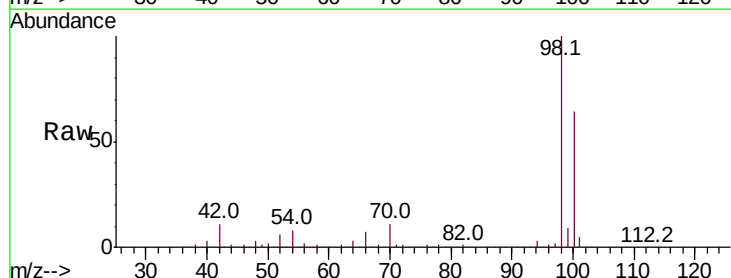
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 BP-VPB203-GW-338-340

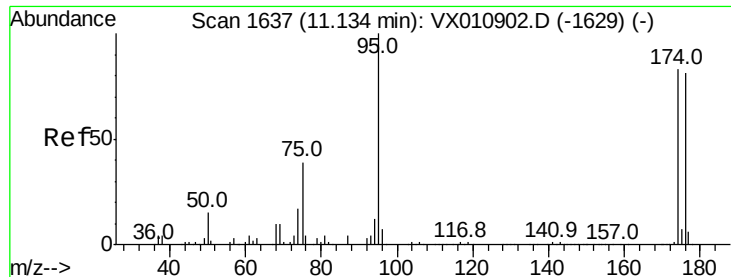
Tot Ion:130 Resp: 18695
 Ion Ratio Lower Upper
 130 100
 95 92.6 0.0 174.8



#50
 Toluene-d8
 Concen: 48.730 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011194.D
 Acq: 30 Jul 2019 14:56

Tgt Ion: 98 Resp: 366438
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.6 75.8





#62

4-Bromofluorobenzene

Concen: 43.618 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011194.D

Acq: 30 Jul 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-338-340

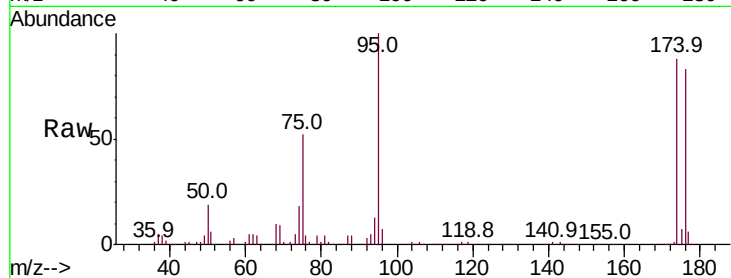
Tot Ion: 95 Resp: 120562

Ion Ratio Lower Upper

95 100

174 91.9 0.0 180.6

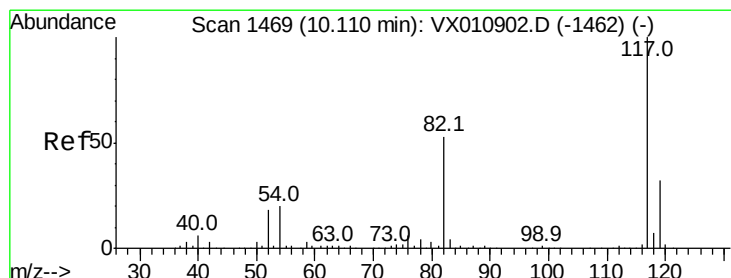
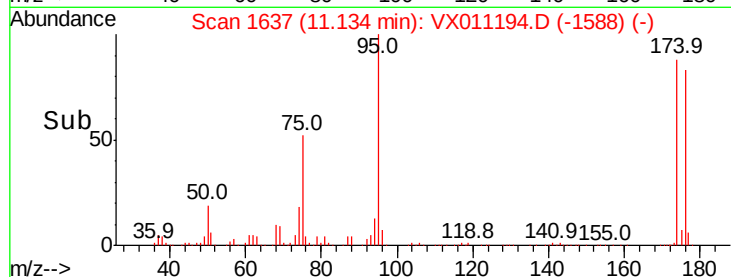
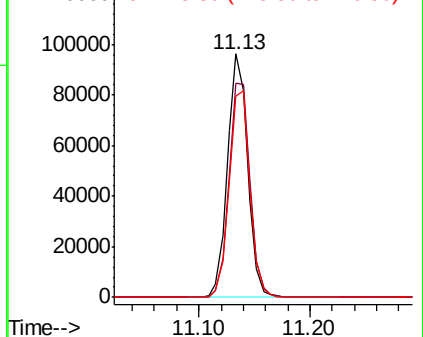
176 87.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011194.D

Acq: 30 Jul 2019 14:56

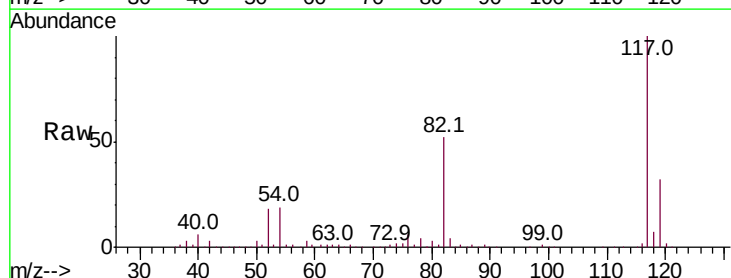
Tgt Ion: 117 Resp: 277926

Ion Ratio Lower Upper

117 100

82 52.2 42.6 63.8

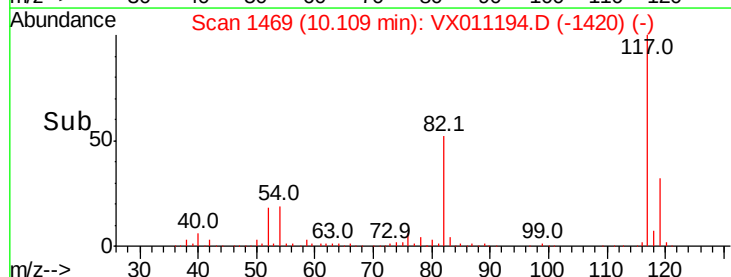
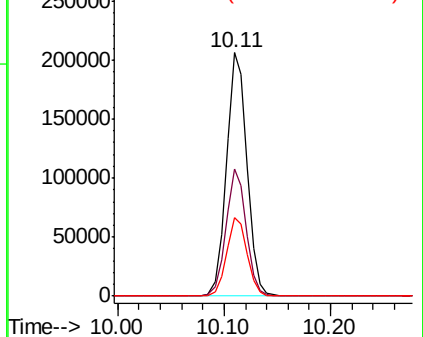
119 32.0 25.9 38.9

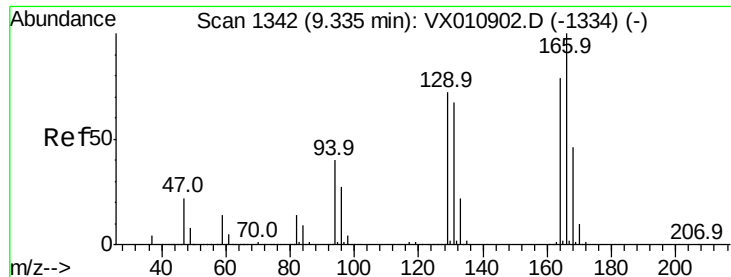


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.571 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX011194.D

Acq: 30 Jul 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-338-340

Tot Ion:164 Resp: 1249

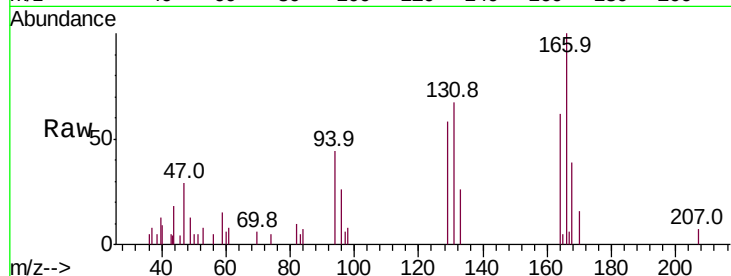
Ion Ratio Lower Upper

164 100

166 160.2 100.8 151.2#

129 92.8 72.6 109.0

131 107.8 67.7 101.5#



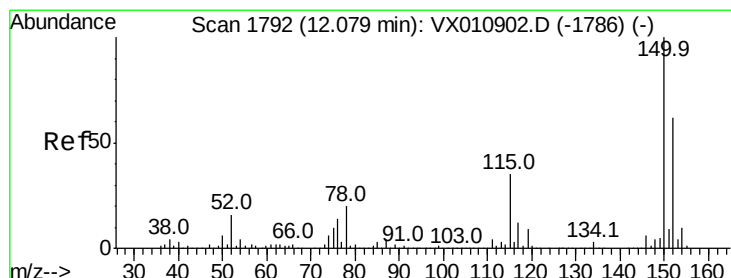
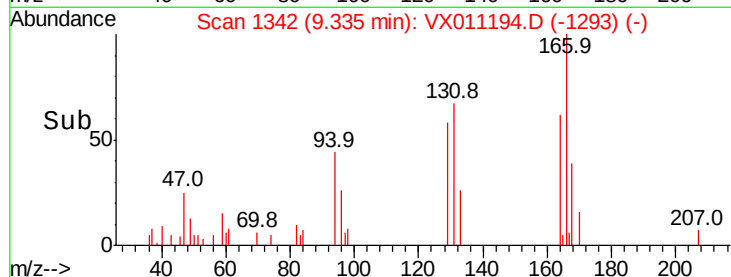
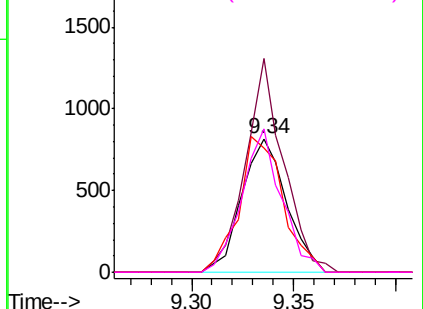
Abundance

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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011194.D

Acq: 30 Jul 2019 14:56

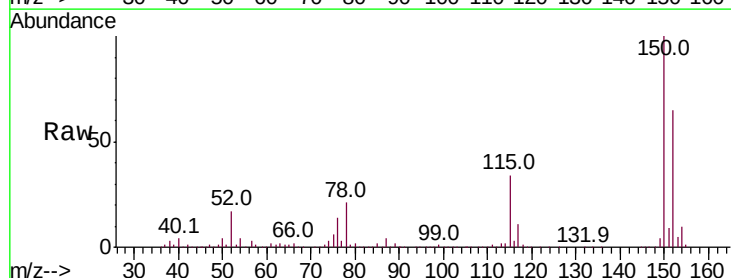
Tgt Ion:152 Resp: 128304

Ion Ratio Lower Upper

152 100

115 54.9 39.7 119.1

150 155.8 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

