

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009438.D
 Acq On : 09 May 2019 19:18
 Operator : JC/SP
 Sample : K2786-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-238-240

Quant Time: May 10 08:08:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

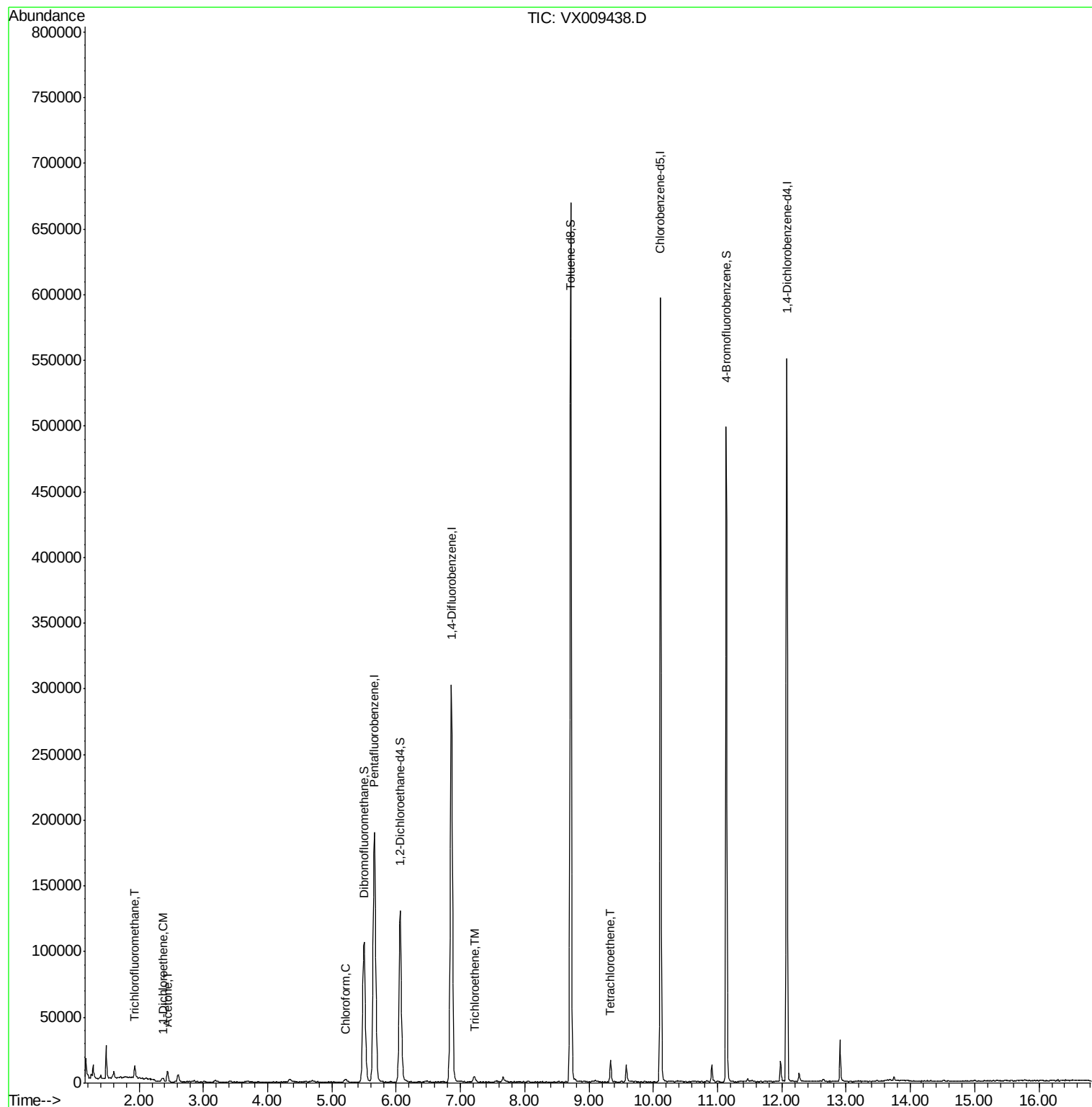
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	186940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123262	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
35) Dibromofluoromethane	5.50	113	92237	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	8.71	98	376957	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.13	95	126585	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
Target Compounds						
7) Trichlorofluoromethane	1.93	101	6204	2.225	ug/l	98
12) 1,1-Dichloroethene	2.38	96	654	0.373	ug/l	89
16) Acetone	2.44	43	8314	6.067	ug/l	96
30) Chloroform	5.21	83	2243	0.612	ug/l	90
44) Trichloroethene	7.22	130	1639	0.786	ug/l	99
64) Tetrachloroethene	9.34	164	3336	1.830	ug/l	94

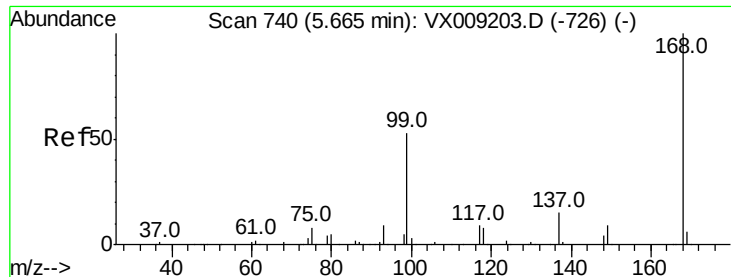
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB202-GW-238-240

Quant Time: May 10 08:08:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

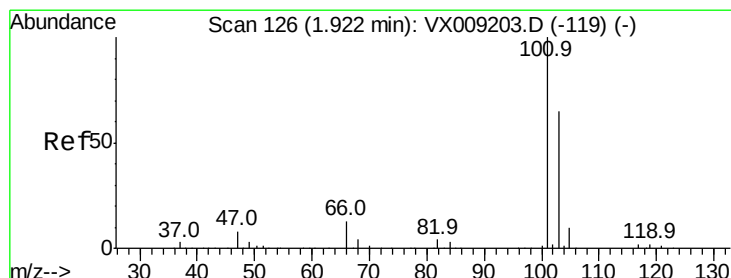
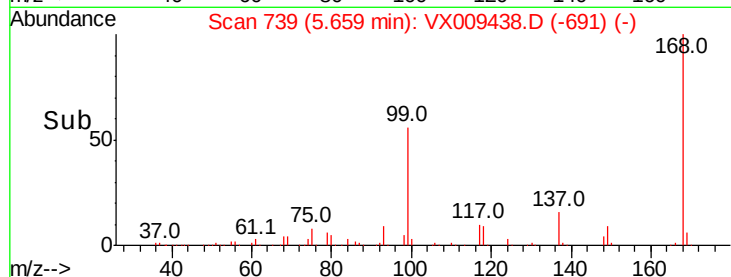
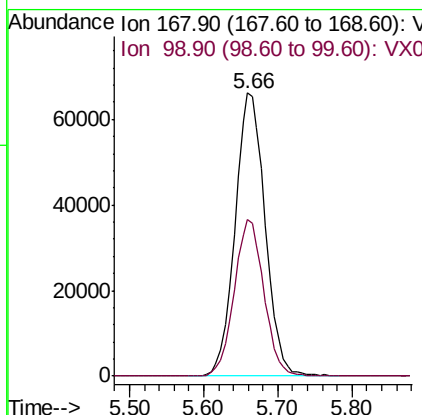
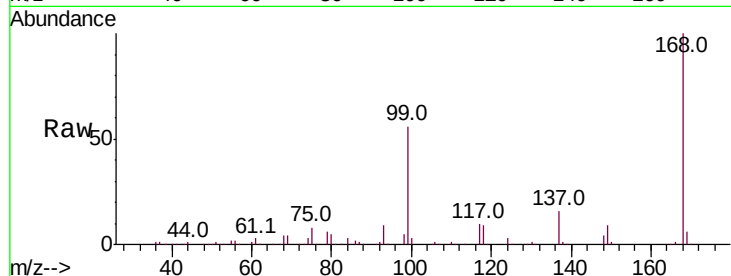




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009438.D
Acq: 09 May 2019 19:18

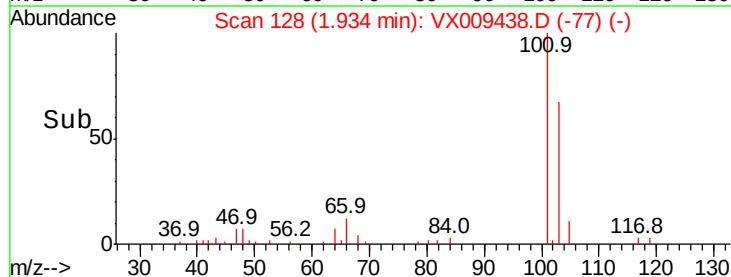
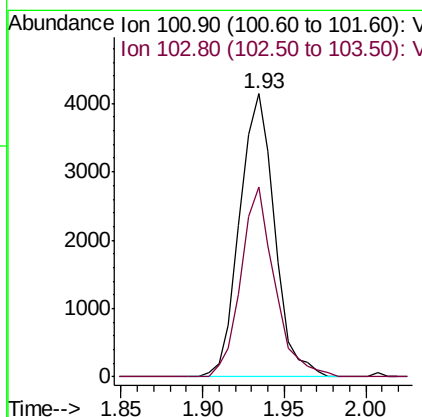
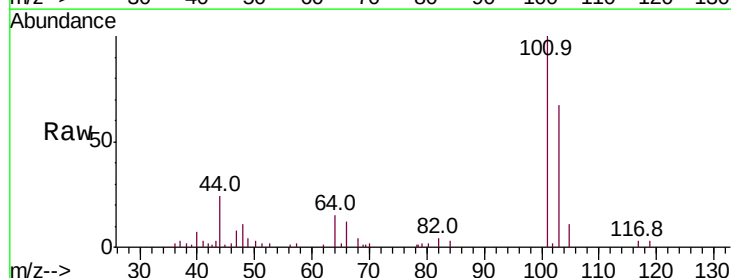
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-238-240

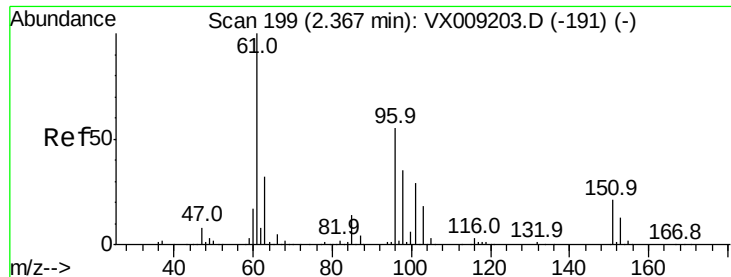
Tot Ion:168 Resp: 186940
Ion Ratio Lower Upper
168 100
99 55.5 42.3 63.5



#7
Trichlorofluoromethane
Concen: 2.225 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX009438.D
Acq: 09 May 2019 19:18

Tgt Ion:101 Resp: 6204
Ion Ratio Lower Upper
101 100
103 67.0 52.4 78.6





#12

1,1-Dichloroethene

Concen: 0.373 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX009438.D

Acq: 09 May 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-238-240

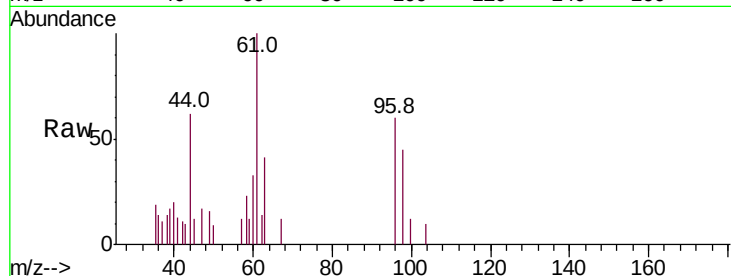
Tot Ion: 96 Resp: 654

Ion Ratio Lower Upper

96 100

61 167.6 144.3 216.5

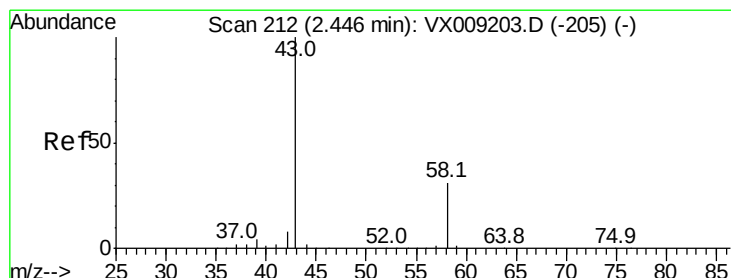
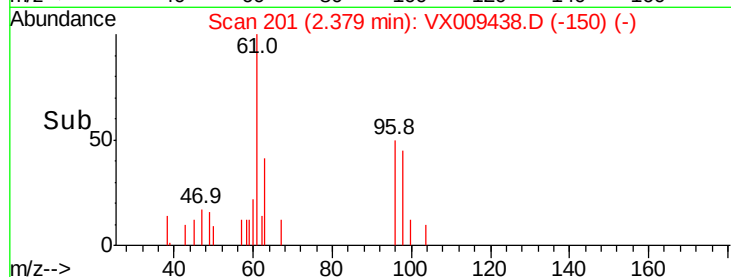
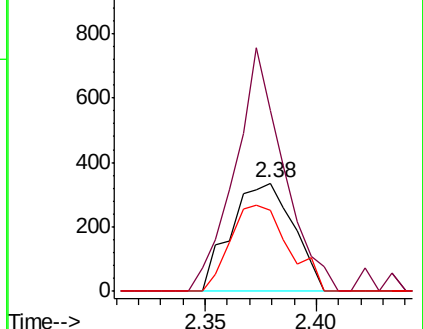
98 75.3 50.3 75.5



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



#16

Acetone

Concen: 6.067 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009438.D

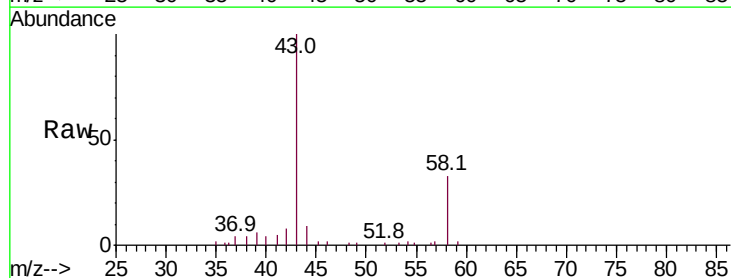
Acq: 09 May 2019 19:18

Tgt Ion: 43 Resp: 8314

Ion Ratio Lower Upper

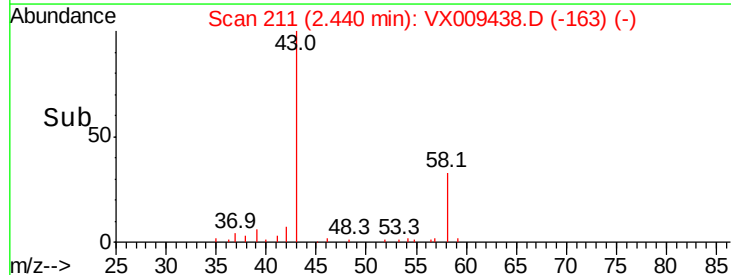
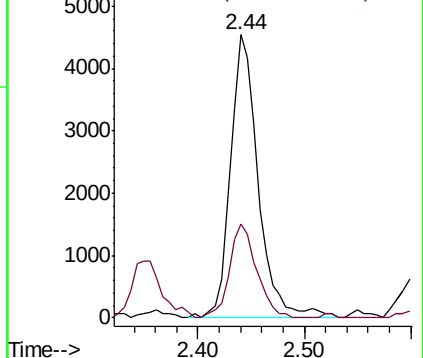
43 100

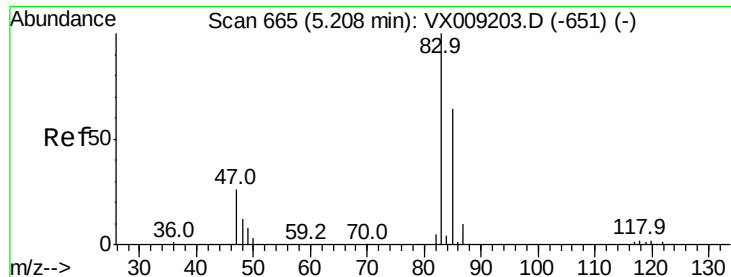
58 33.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#30

Chloroform

Concen: 0.612 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009438.D

Acq: 09 May 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

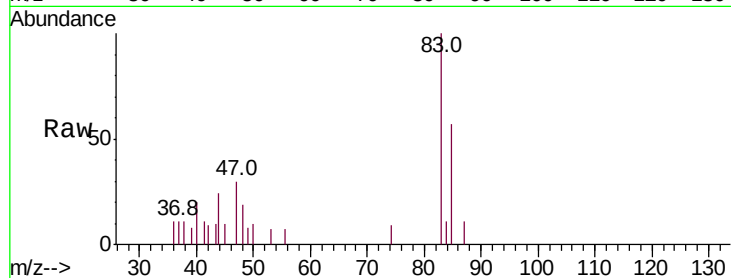
BP-VPB202-GW-238-240

Tot Ion: 83 Resp: 2243

Ion Ratio Lower Upper

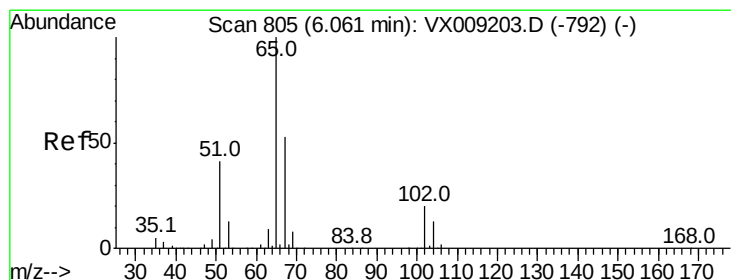
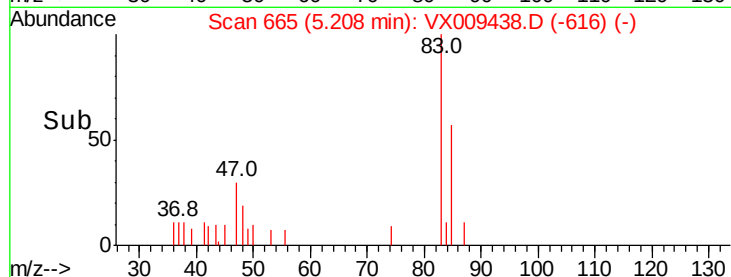
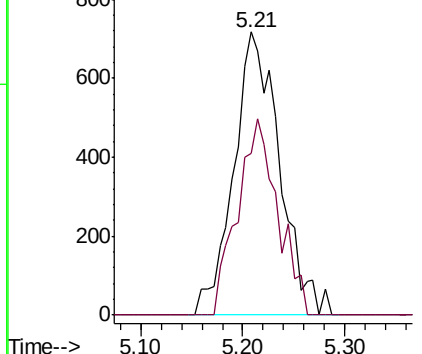
83 100

85 56.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.301 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009438.D

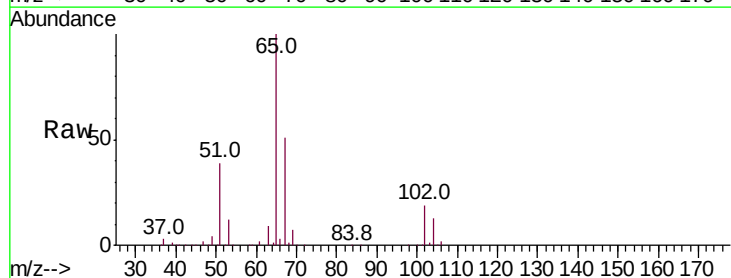
Acq: 09 May 2019 19:18

Tgt Ion: 65 Resp: 123262

Ion Ratio Lower Upper

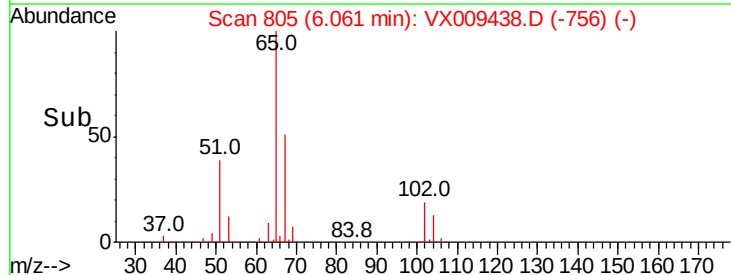
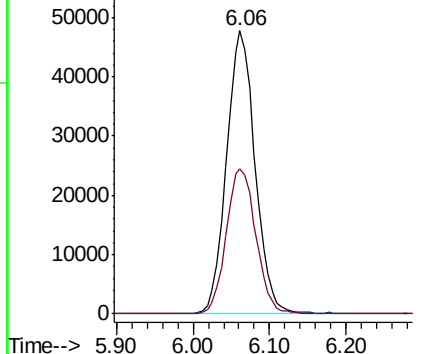
65 100

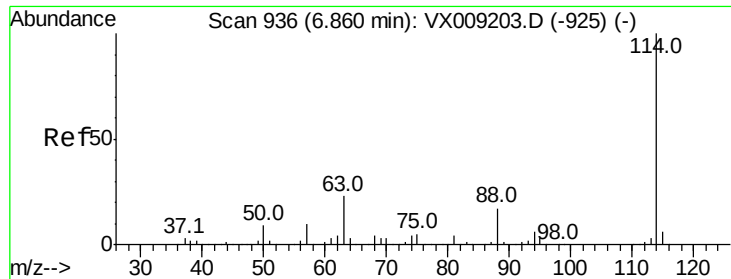
67 53.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

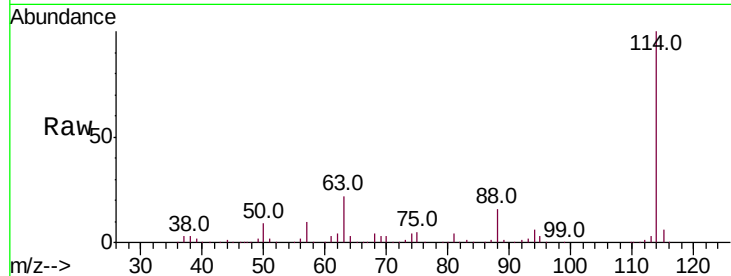




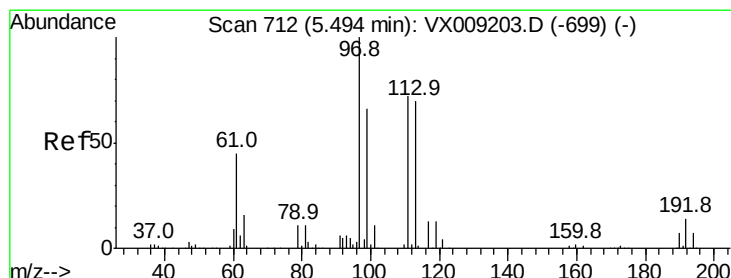
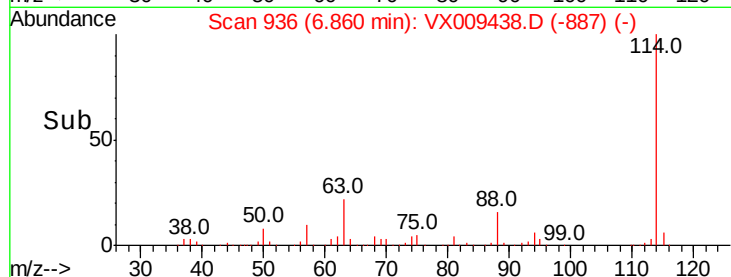
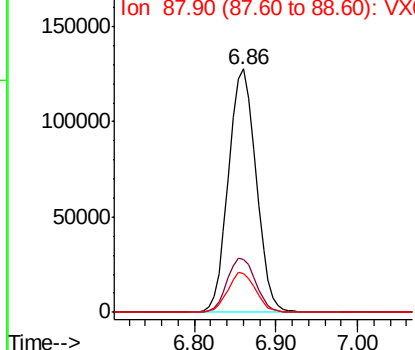
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009438.D
 Acq: 09 May 2019 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-238-240

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	45.6
88	16.1	0.0	33.2

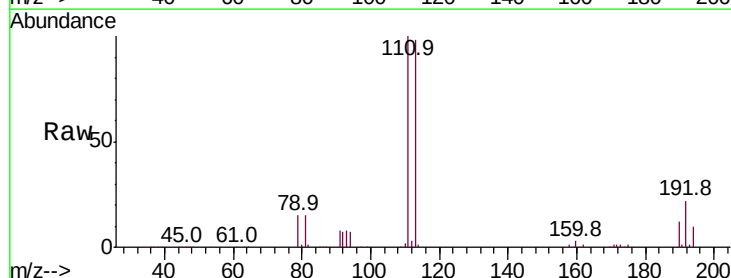


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

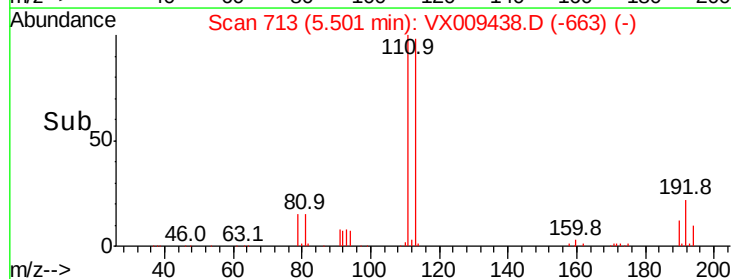
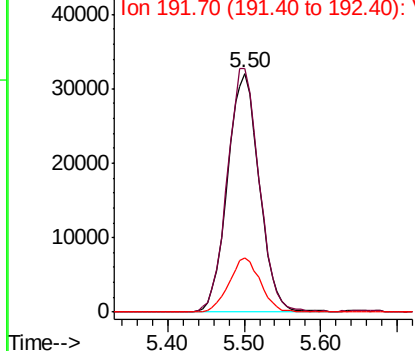


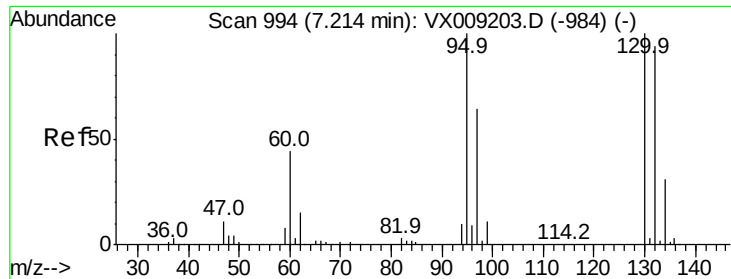
#35
 Dibromofluoromethane
 Concen: 48.919 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009438.D
 Acq: 09 May 2019 19:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	22.2	17.0	25.6



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: 0.786 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX009438.D

Acq: 09 May 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

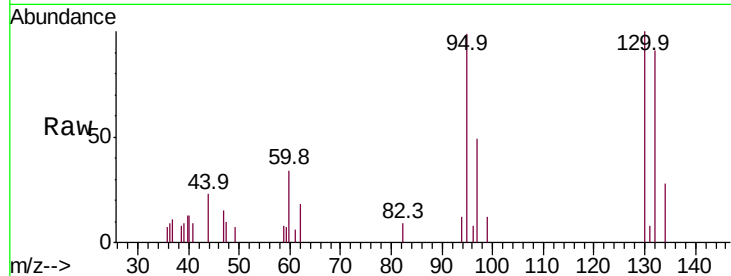
BP-VPB202-GW-238-240

Tot Ion:130 Resp: 1639

Ion Ratio Lower Upper

130 100

95 99.1 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

800

600

400

200

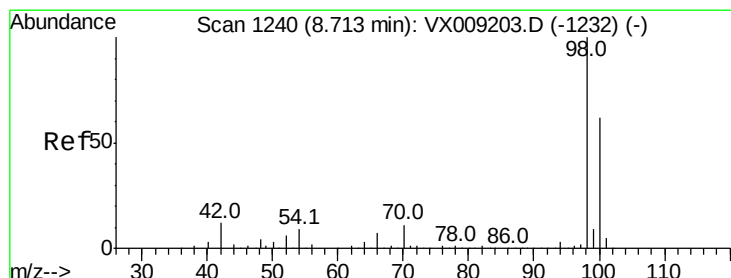
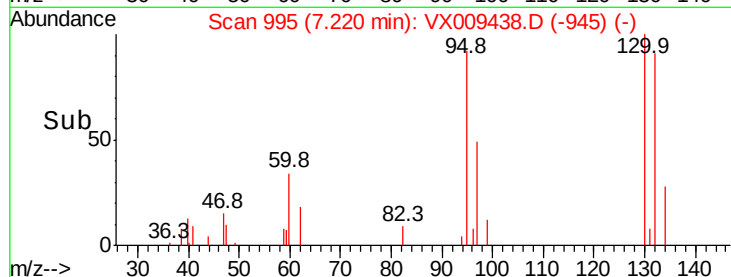
0

7.15

7.20

7.25

Time-->



#50

Toluene-d8

Concen: 49.520 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009438.D

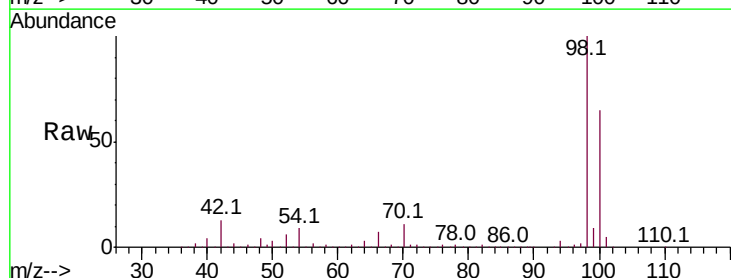
Acq: 09 May 2019 19:18

Tgt Ion: 98 Resp: 376957

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

100000

50000

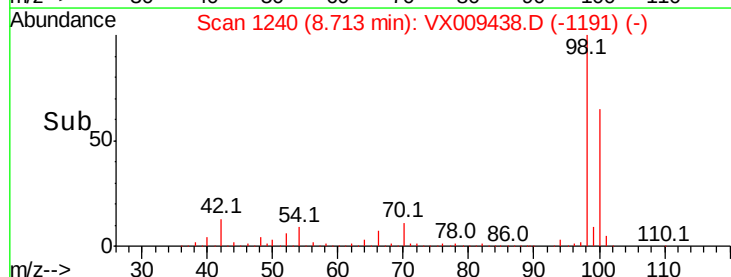
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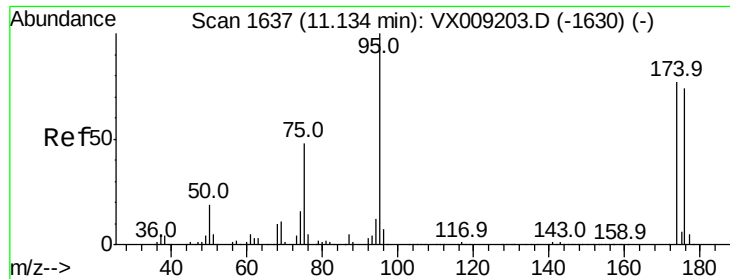
8.60

8.70

8.80

Time-->





#62

4-Bromofluorobenzene

Concen: 45.765 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009438.D

Acq: 09 May 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-238-240

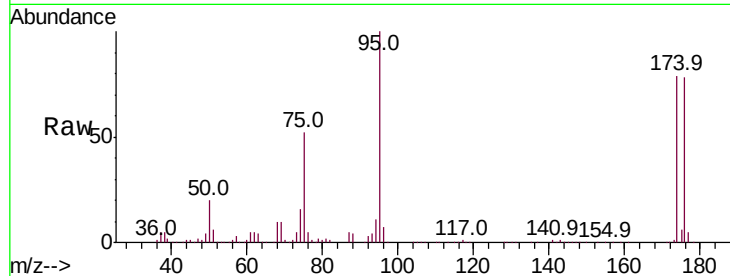
Tot Ion: 95 Resp: 126585

Ion Ratio Lower Upper

95 100

174 83.1 0.0 161.6

176 80.2 0.0 159.2

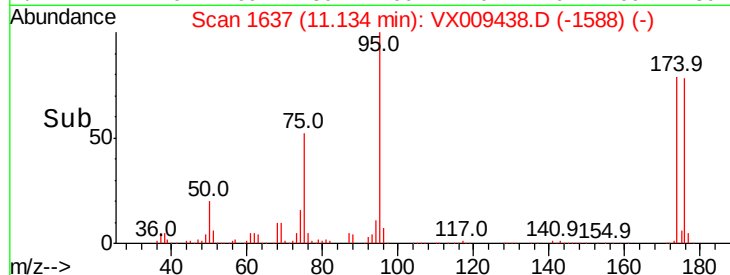


Abundance Ion 94.90 (94.60 to 95.60): VX009438.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX009438.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX009438.D (-1630) (-)

Time-->

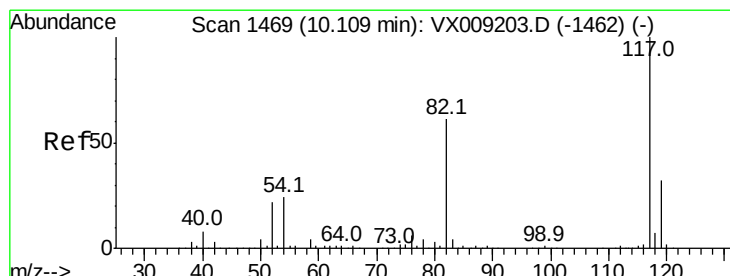


Abundance Ion 94.90 (94.60 to 95.60): VX009438.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009438.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009438.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009438.D

Acq: 09 May 2019 19:18

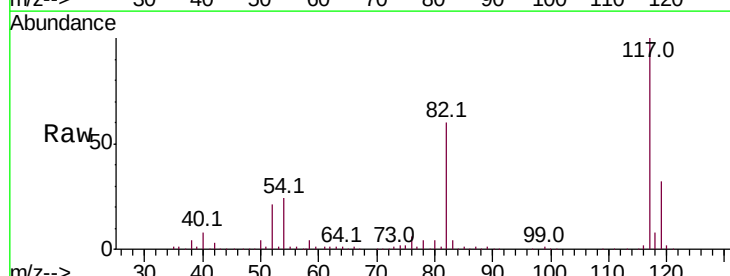
Tgt Ion: 117 Resp: 265775

Ion Ratio Lower Upper

117 100

82 60.1 48.8 73.2

119 32.4 25.8 38.6

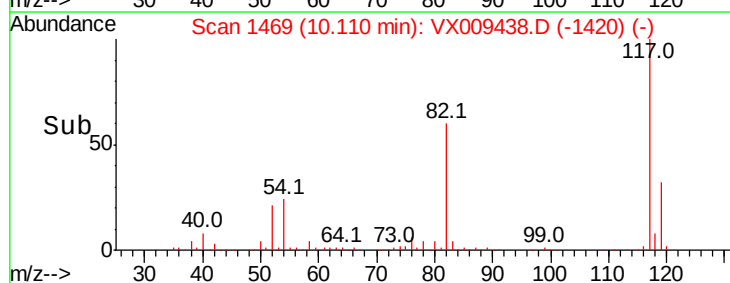


Abundance Ion 116.90 (116.60 to 117.60): VX009438.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX009438.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX009438.D (-1462) (-)

Time-->

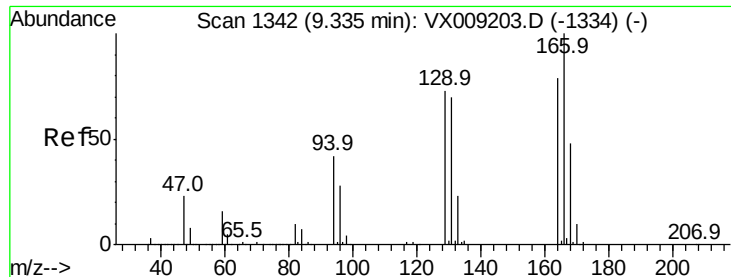


Abundance Ion 116.90 (116.60 to 117.60): VX009438.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009438.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009438.D (-1420) (-)

Time-->



#64

Tetrachloroethene

Concen: 1.830 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009438.D

Acq: 09 May 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-238-240

Tot Ion:164 Resp: 3336

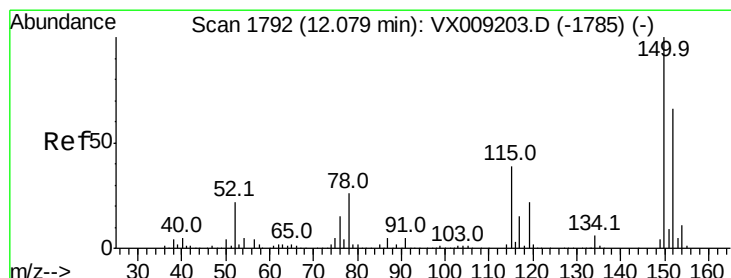
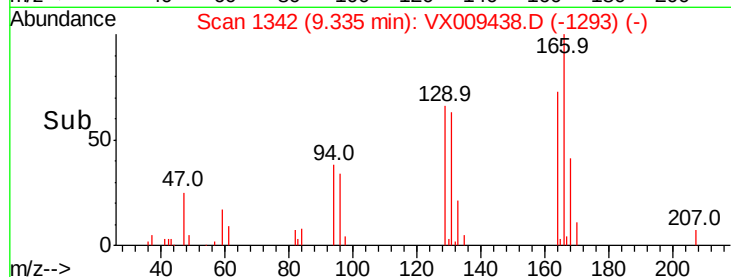
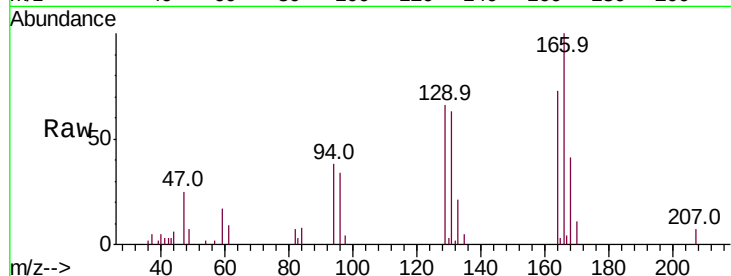
Ion Ratio Lower Upper

164 100

166 136.9 101.2 151.8

129 89.8 74.3 111.5

131 85.7 71.0 106.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009438.D

Acq: 09 May 2019 19:18

Tgt Ion:152 Resp: 116895

Ion Ratio Lower Upper

152 100

115 58.3 41.2 123.6

150 156.2 0.0 346.4

