

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011190.D
 Acq On : 30 Jul 2019 13:23
 Operator : JC/SP
 Sample : K4043-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-243-245

Quant Time: Jul 31 08:04:58 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

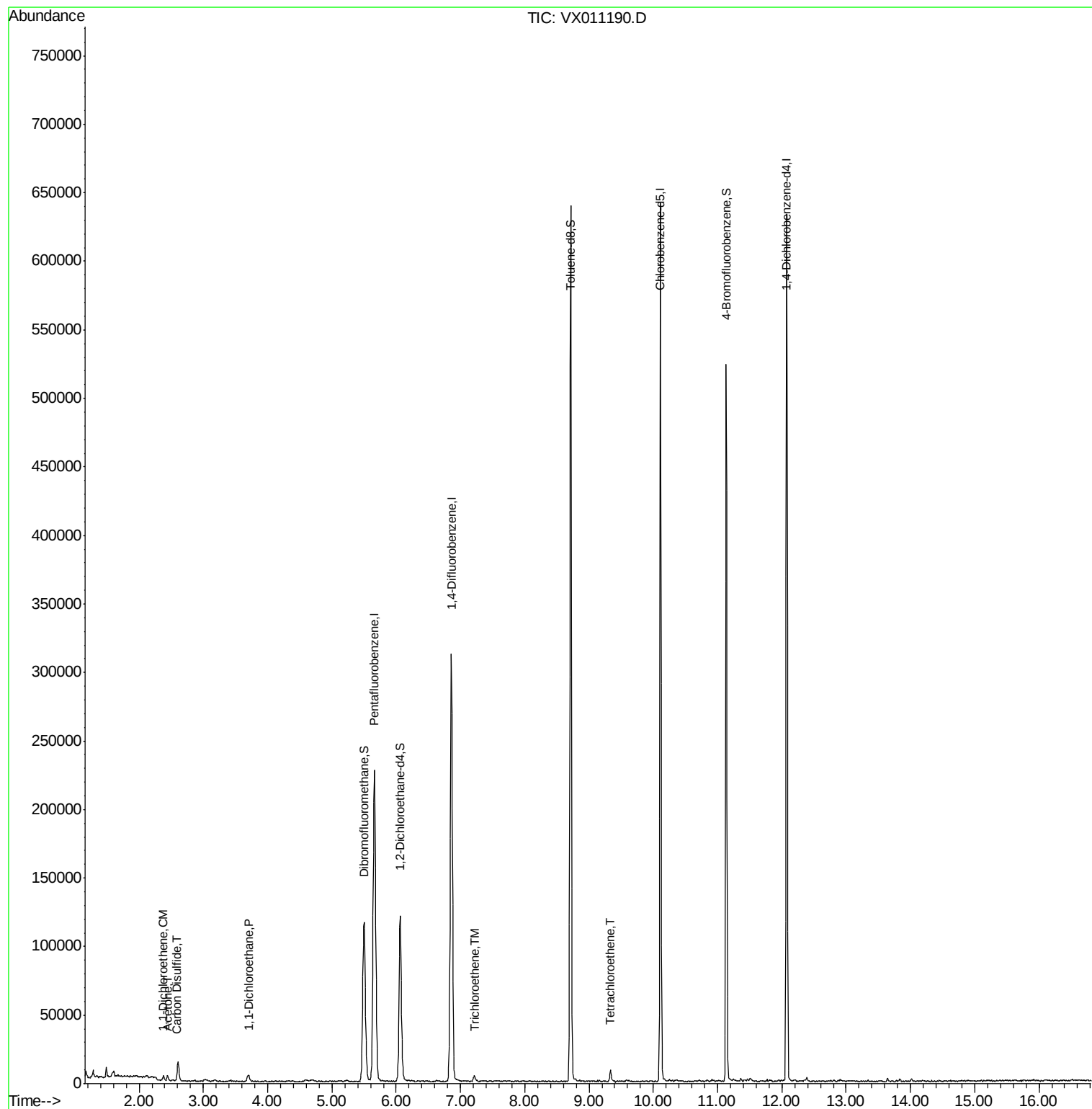
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	227273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326670	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112447	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
35) Dibromofluoromethane	5.50	113	98389	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	8.71	98	382647	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.13	95	125092	43.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.52%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.38	96	1049	0.518	ug/l	91
16) Acetone	2.45	43	3899	3.570	ug/l	96
17) Carbon Disulfide	2.57	76	1535	0.296	ug/l #	86
24) 1,1-Dichloroethane	3.70	63	5219	1.449	ug/l	97
44) Trichloroethene	7.22	130	1544	0.635	ug/l	83
64) Tetrachloroethene	9.34	164	1508	0.664	ug/l #	86

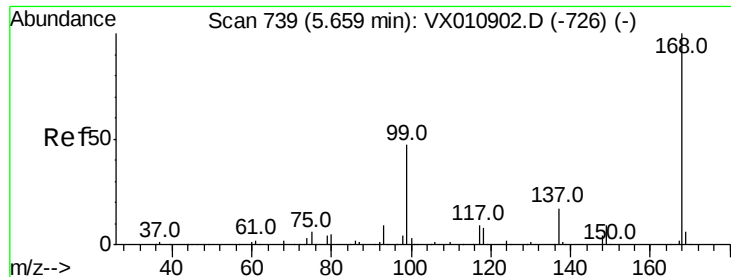
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011190.D

Acq: 30 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

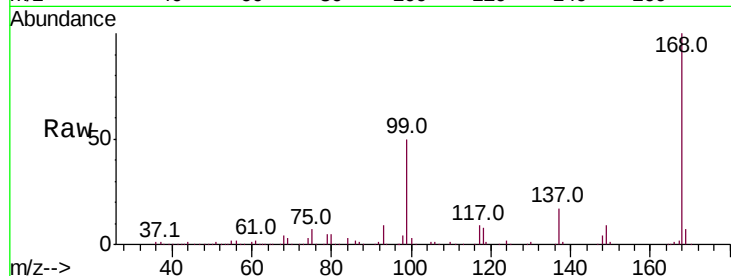
BP-VPB203-GW-243-245

Tot Ion:168 Resp: 227273

Ion Ratio Lower Upper

168 100

99 50.2 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

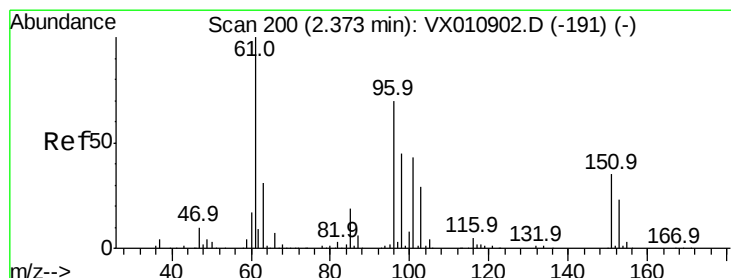
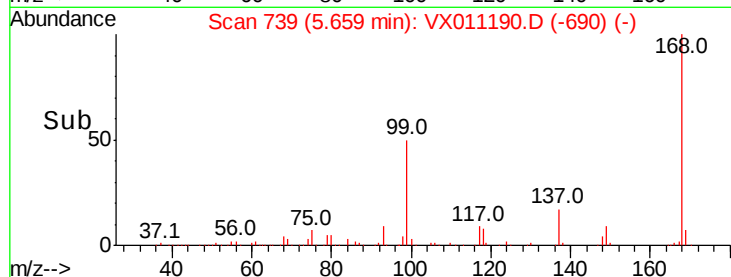
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.518 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011190.D

Acq: 30 Jul 2019 13:23

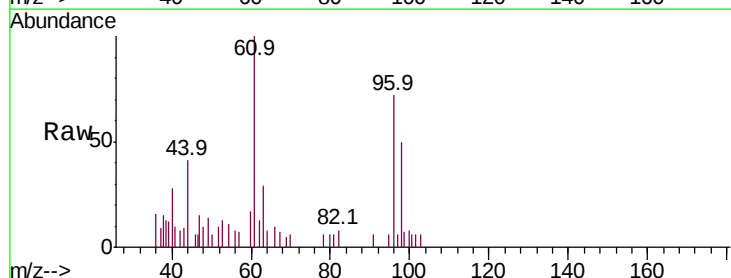
Tgt Ion: 96 Resp: 1049

Ion Ratio Lower Upper

96 100

61 129.6 115.0 172.4

98 69.2 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

1200

1000

800

600

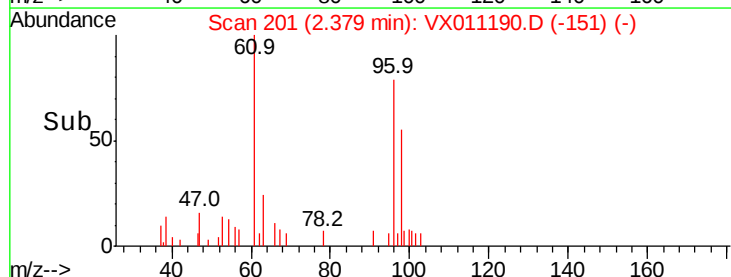
400

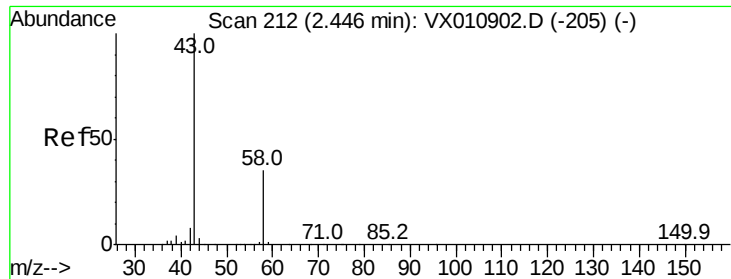
200

0

Time-->

2.35 2.40 2.45





#16

Acetone

Concen: 3.570 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011190.D

Acq: 30 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

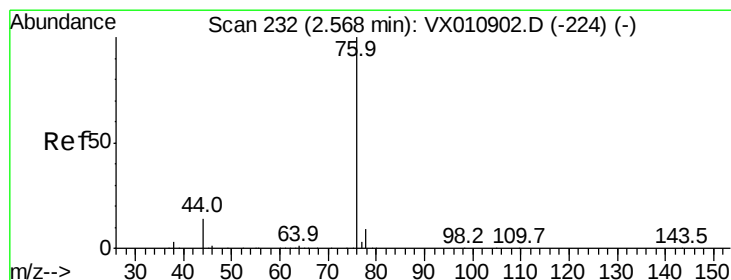
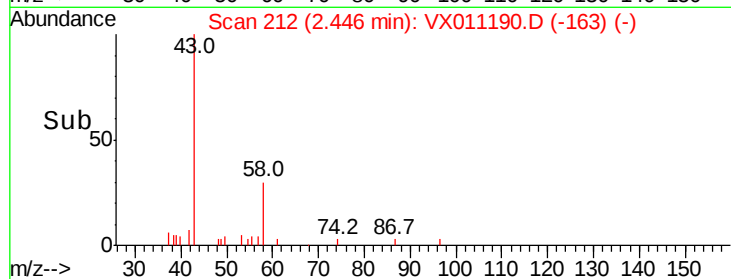
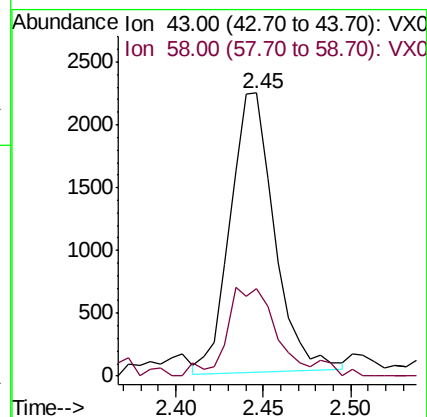
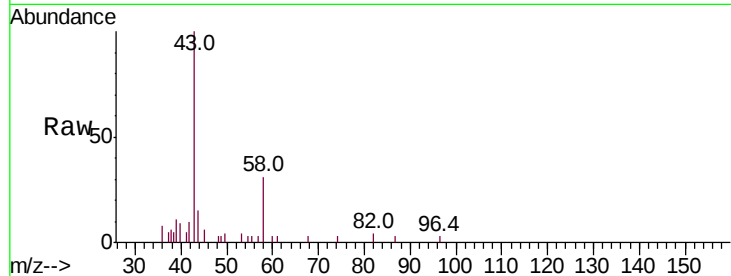
BP-VPB203-GW-243-245

Tot Ion: 43 Resp: 3899

Ion Ratio Lower Upper

43 100

58 32.2 27.7 41.5



#17

Carbon Disulfide

Concen: 0.296 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX011190.D

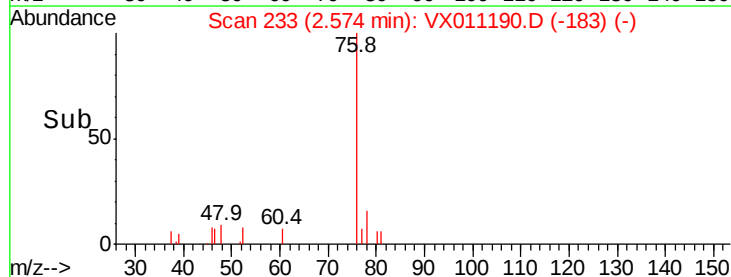
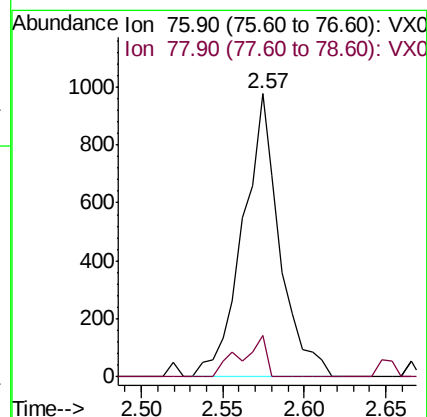
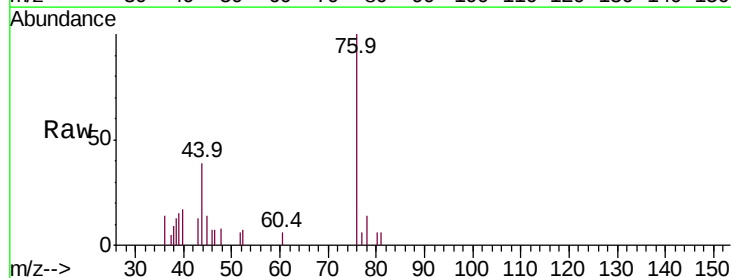
Acq: 30 Jul 2019 13:23

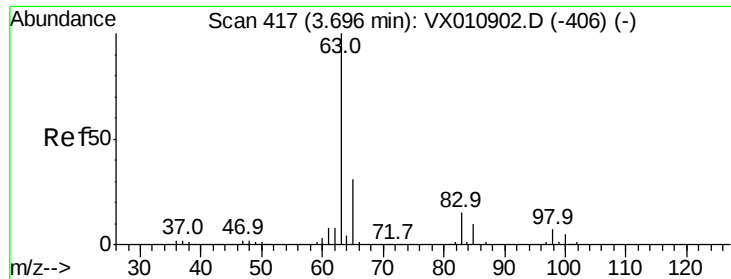
Tgt Ion: 76 Resp: 1535

Ion Ratio Lower Upper

76 100

78 14.4 7.4 11.0#





#24

1,1-Dichloroethane

Concen: 1.449 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011190.D

Acq: 30 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-243-245

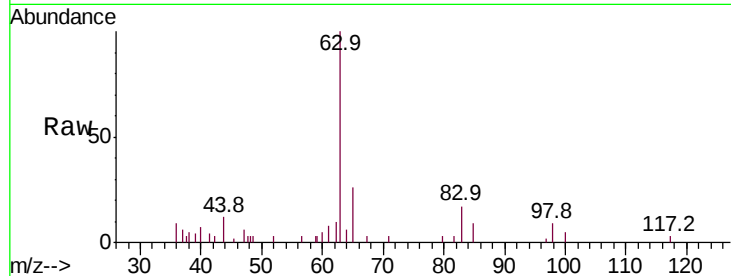
Tot Ion: 63 Resp: 5219

Ion Ratio Lower Upper

63 100

98 9.1 3.6 10.9

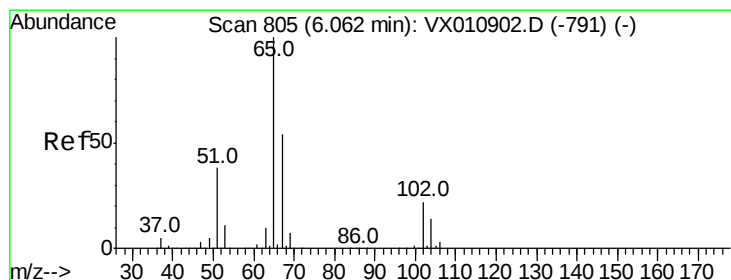
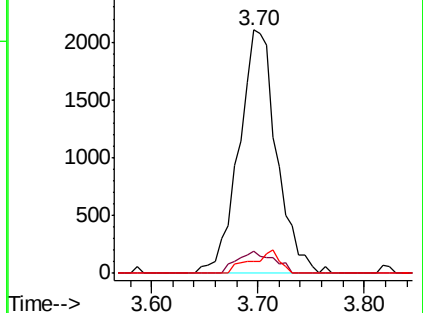
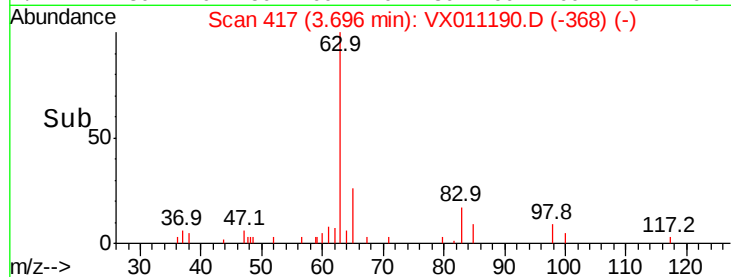
100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.507 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011190.D

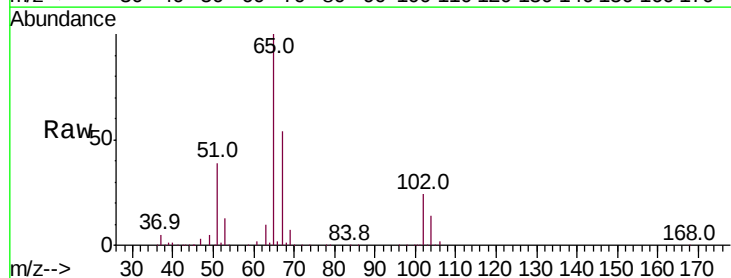
Acq: 30 Jul 2019 13:23

Tgt Ion: 65 Resp: 112447

Ion Ratio Lower Upper

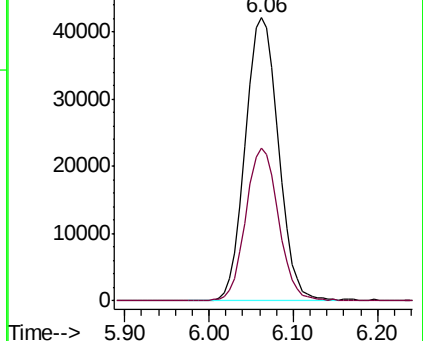
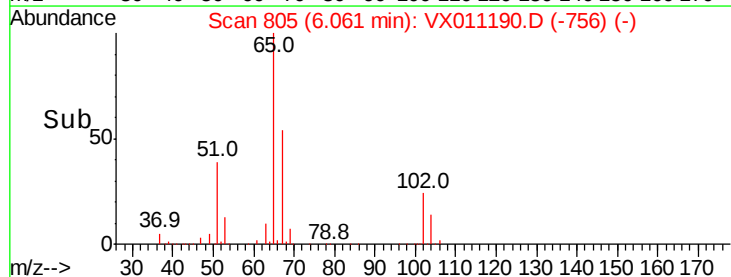
65 100

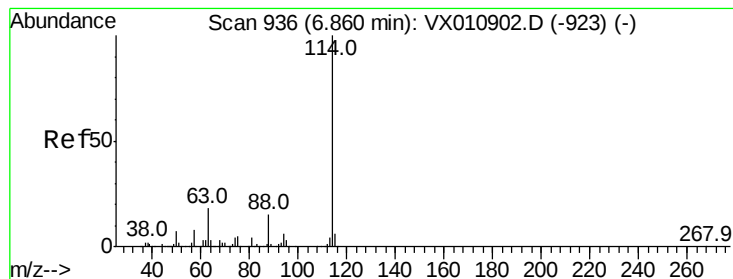
67 53.3 0.0 107.8



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: VX011190.D

Acq: 30 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-243-245

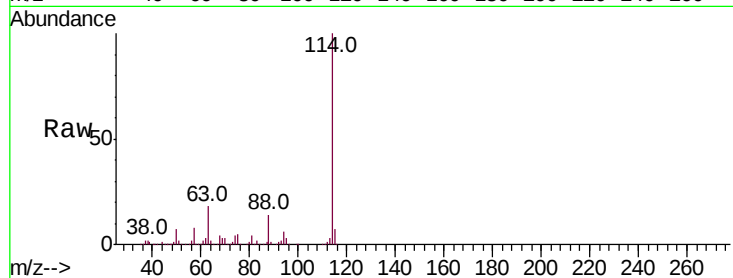
Tot Ion:114 Resp: 326670

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

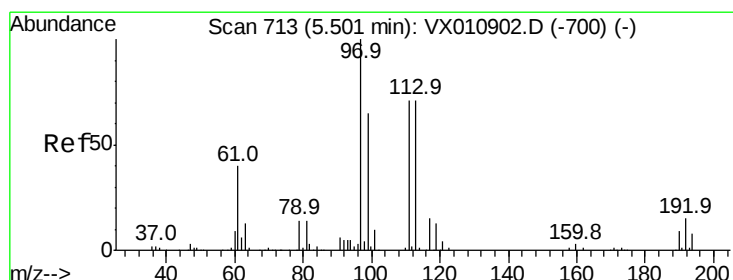
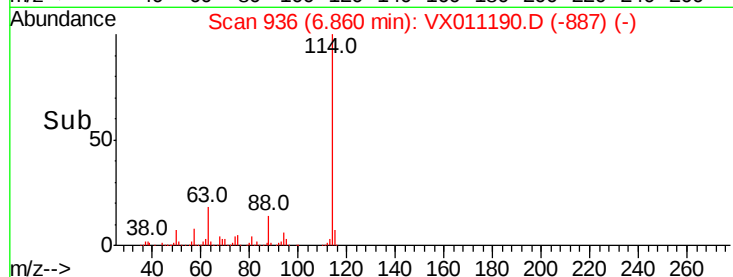
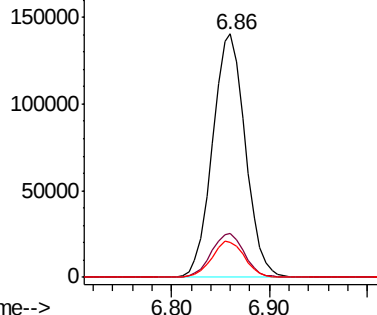
88 14.1 0.0 29.8



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: 47.452 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011190.D

Acq: 30 Jul 2019 13:23

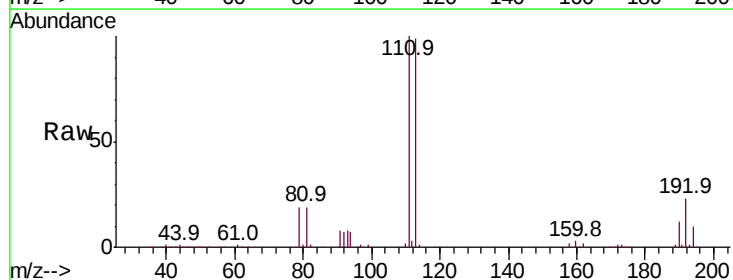
Tgt Ion:113 Resp: 98389

Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

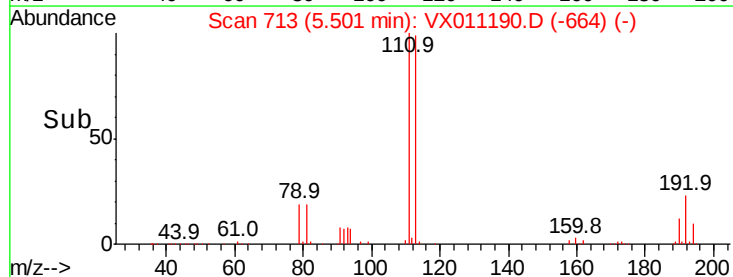
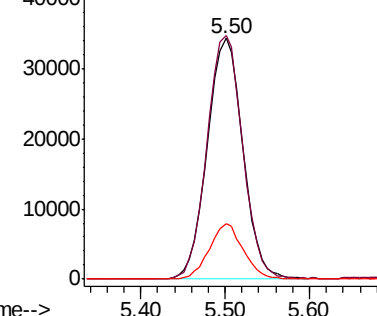
192 21.9 17.4 26.2

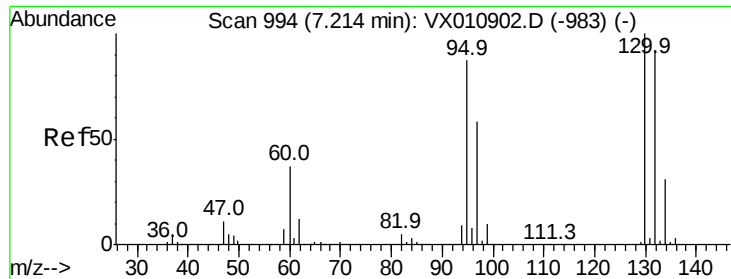


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

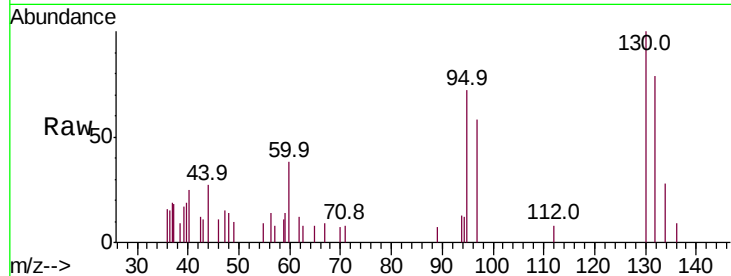




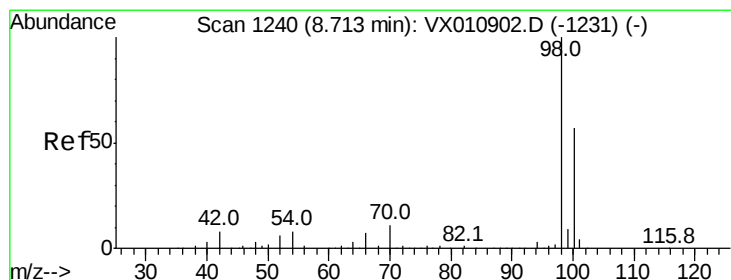
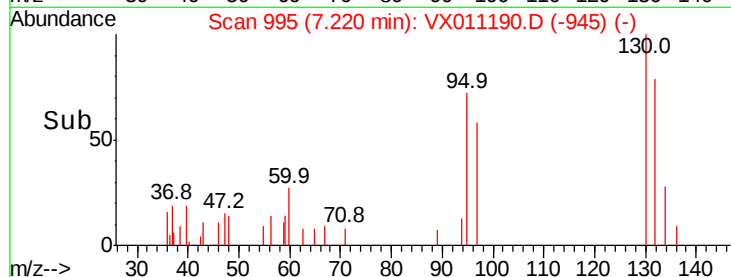
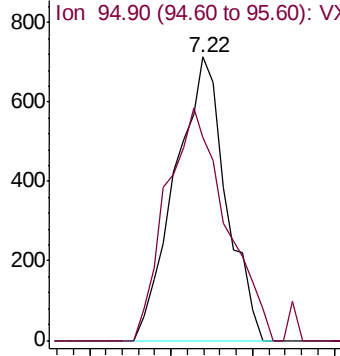
#44
 Trichloroethene
 Concen: 0.635 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX011190.D
 Acq: 30 Jul 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-243-245

Tot Ion:130 Resp: 1544
 Ion Ratio Lower Upper
 130 100
 95 71.8 0.0 174.8

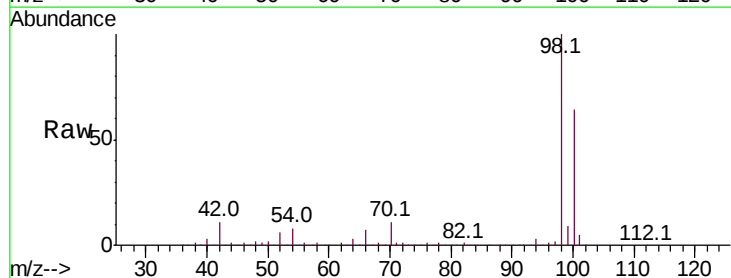


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

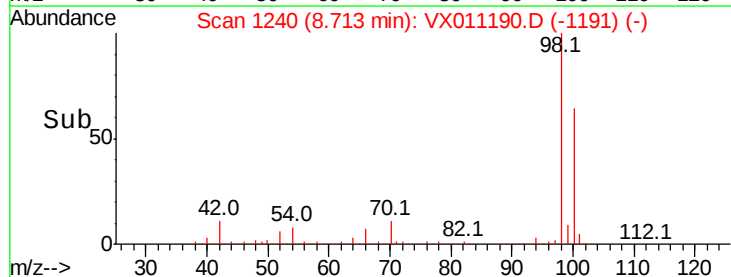
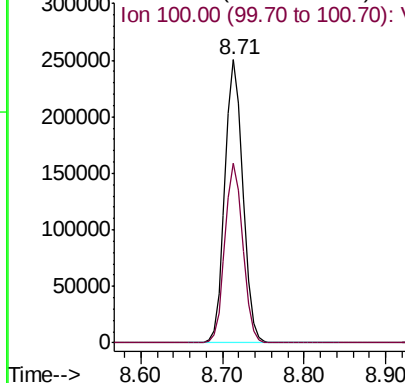


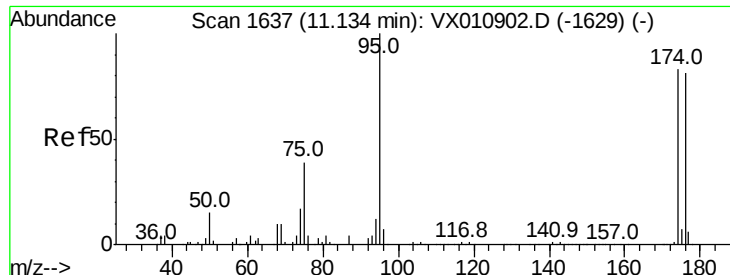
#50
 Toluene-d8
 Concen: 49.204 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011190.D
 Acq: 30 Jul 2019 13:23

Tgt Ion: 98 Resp: 382647
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.762 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011190.D

Acq: 30 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-243-245

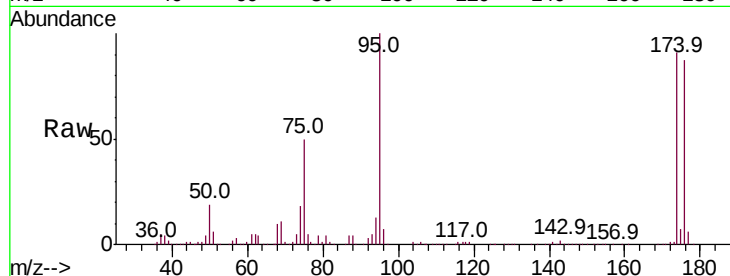
Tot Ion: 95 Resp: 125092

Ion Ratio Lower Upper

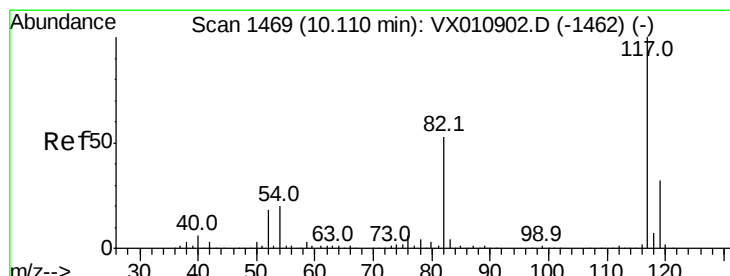
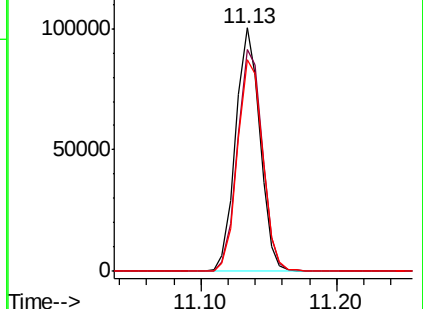
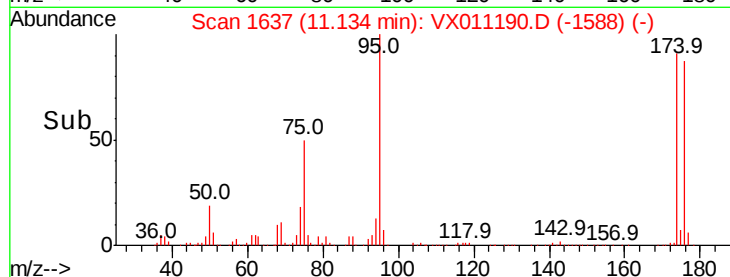
95 100

174 93.7 0.0 180.6

176 90.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011190.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011190.D

Acq: 30 Jul 2019 13:23

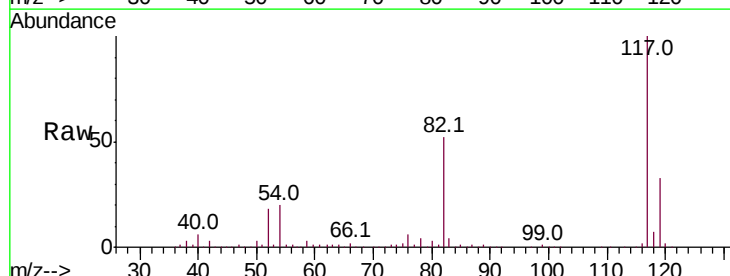
Tgt Ion: 117 Resp: 288601

Ion Ratio Lower Upper

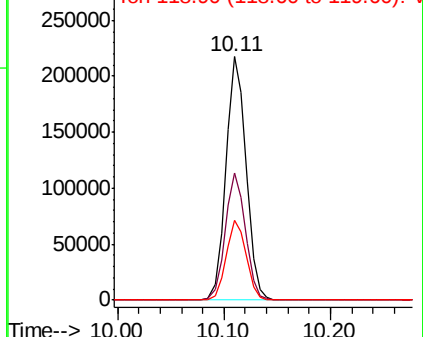
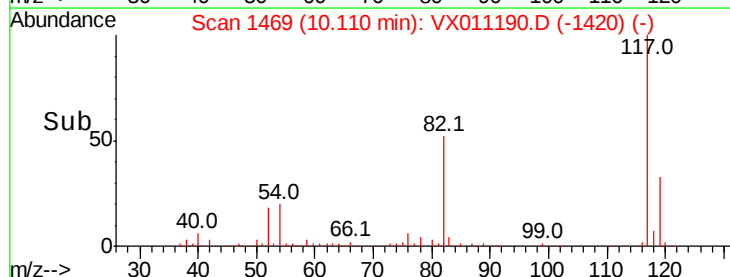
117 100

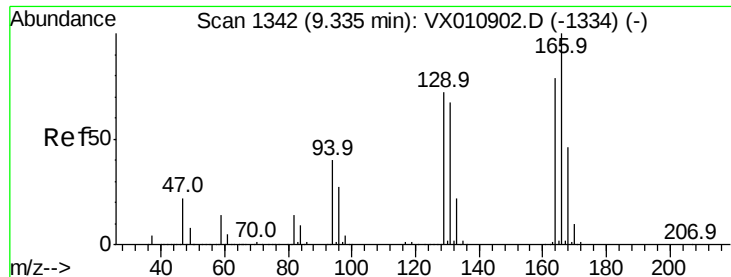
82 52.4 42.6 63.8

119 32.9 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011190.D (-1420) (-)





#64

Tetrachloroethene

Concen: 0.664 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX011190.D

Acq: 30 Jul 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-243-245

Tot Ion:164 Resp: 1508

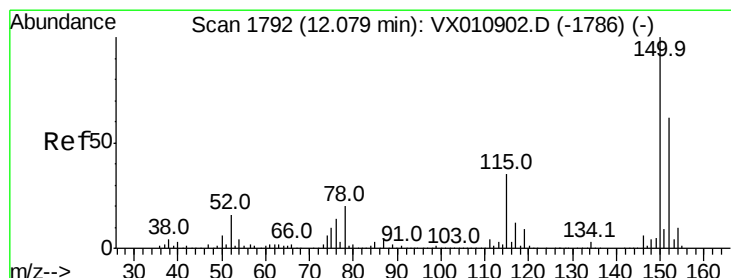
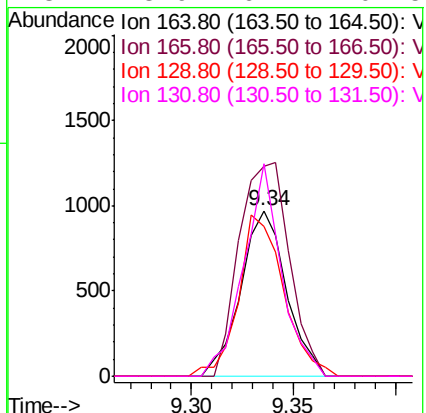
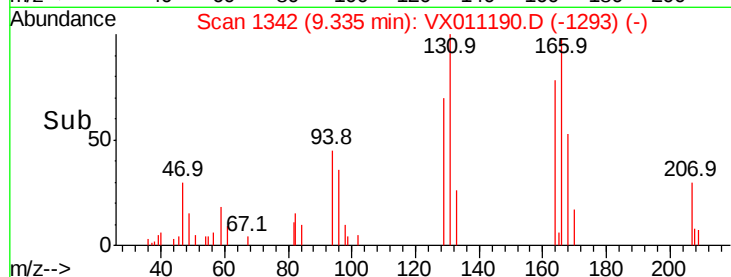
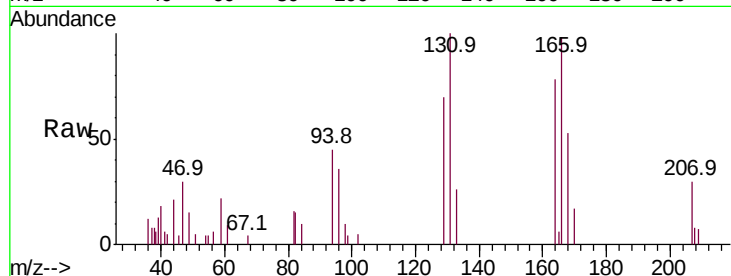
Ion Ratio Lower Upper

164 100

166 126.7 100.8 151.2

129 90.4 72.6 109.0

131 128.9 67.7 101.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011190.D

Acq: 30 Jul 2019 13:23

Tgt Ion:152 Resp: 136524

Ion Ratio Lower Upper

152 100

115 55.6 39.7 119.1

150 156.2 0.0 345.6

