

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011196.D
 Acq On : 30 Jul 2019 15:43
 Operator : JC/SP
 Sample : K4043-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-378-380

Quant Time: Jul 31 08:40:37 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

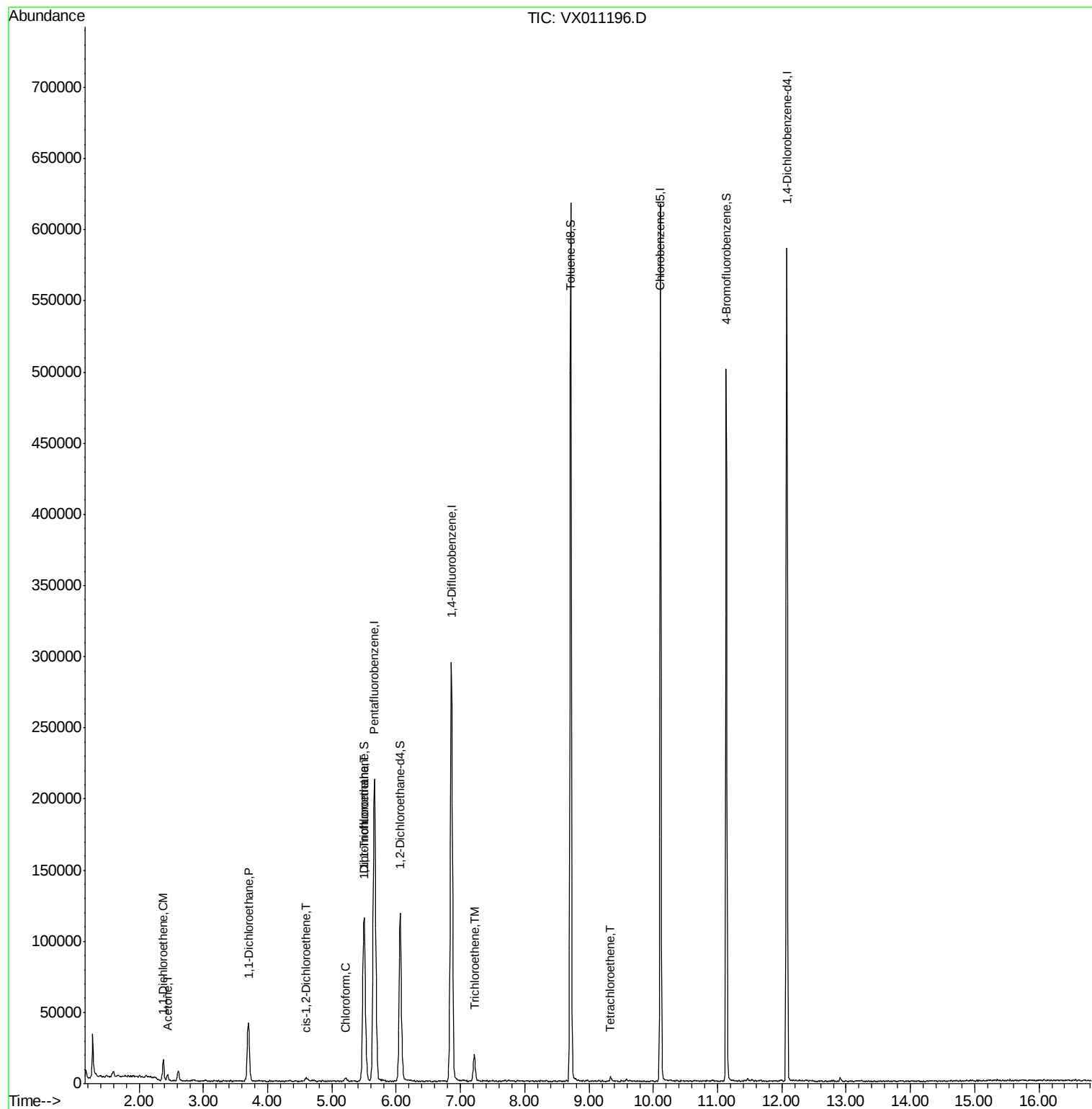
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106644	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
35) Dibromofluoromethane	5.50	113	92444	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
50) Toluene-d8	8.71	98	364114	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	120467	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.56%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.37	96	5664	2.946	ug/l	94
16) Acetone	2.45	43	4571	4.407	ug/l	97
24) 1,1-Dichloroethane	3.70	63	45214	13.217	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	1509	0.639	ug/l	98
30) Chloroform	5.21	83	2547	0.689	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	3882	1.213	ug/l #	45
44) Trichloroethene	7.21	130	7516	3.246	ug/l	100
64) Tetrachloroethene	9.34	164	543	0.248	ug/l #	75

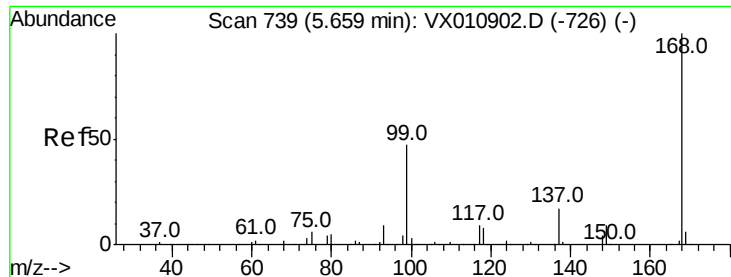
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073019\
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MSVOA_X
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BP-VPB203-GW-378-380

Quant Time: Jul 31 08:40:37 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: VX011196.D

Acq: 30 Jul 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

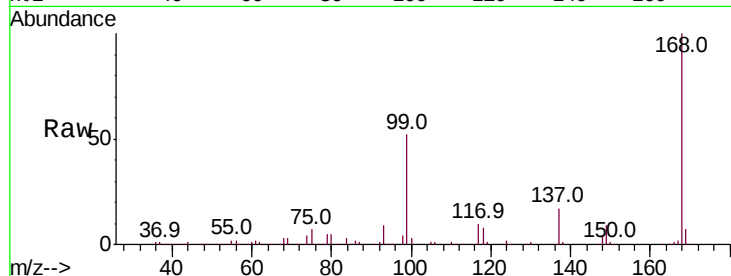
BP-VPB203-GW-378-380

Tot Ion:168 Resp: 215871

Ion Ratio Lower Upper

168 100

99 51.8 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

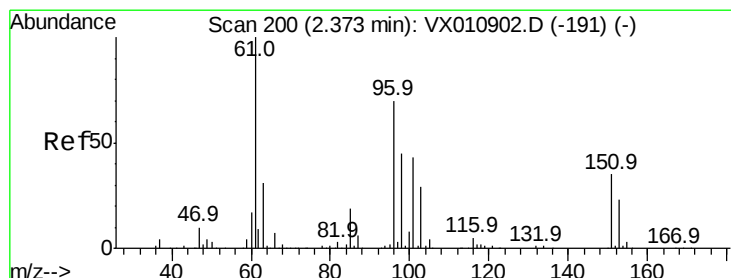
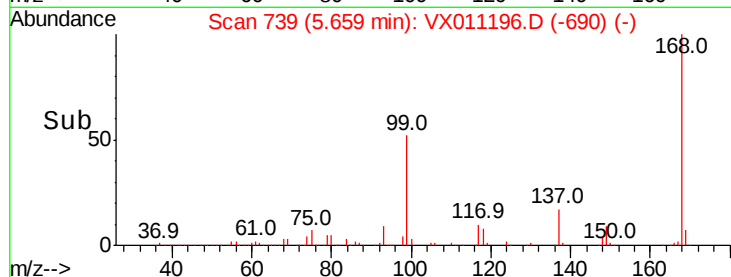
40000

20000

0

5.60 5.70 5.80

Time-->



#12

1,1-Dichloroethene

Concen: 2.946 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011196.D

Acq: 30 Jul 2019 15:43

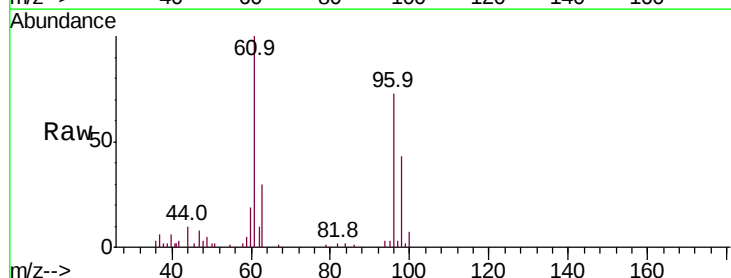
Tgt Ion: 96 Resp: 5664

Ion Ratio Lower Upper

96 100

61 137.2 115.0 172.4

98 58.4 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

2.37

6000

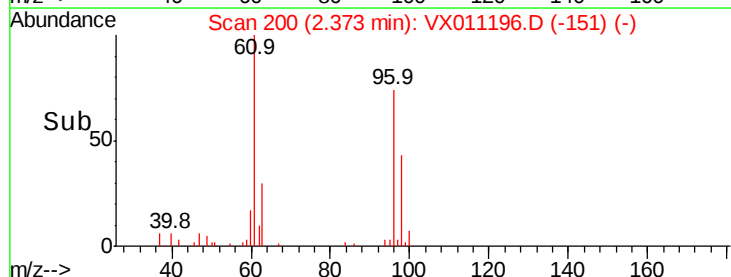
4000

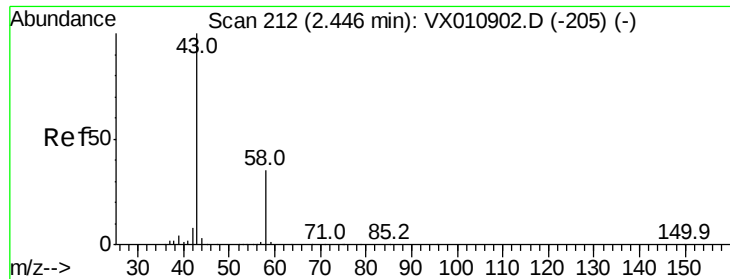
2000

0

2.25 2.30 2.35 2.40 2.45

Time-->





#16

Acetone

Concen: 4.407 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011196.D

Acq: 30 Jul 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

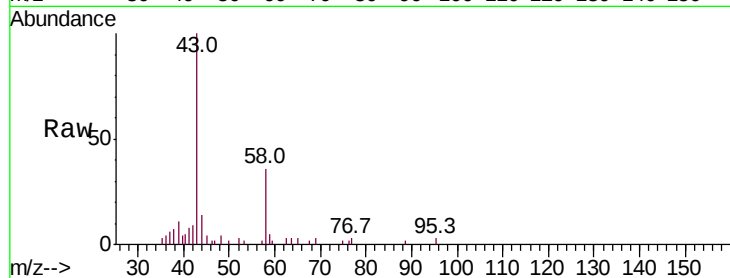
BP-VPB203-GW-378-380

Tot Ion: 43 Resp: 4571

Ion Ratio Lower Upper

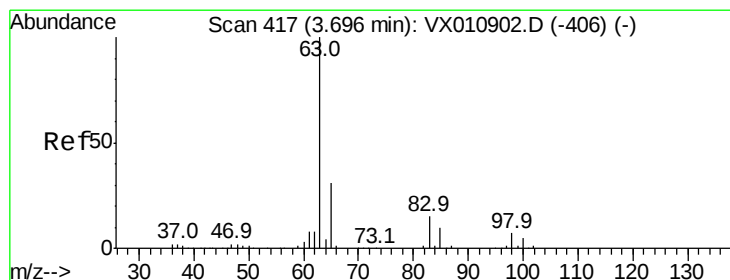
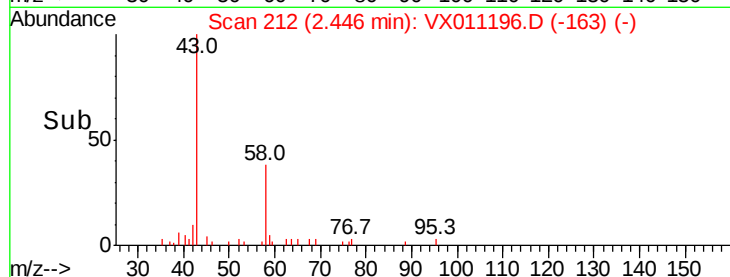
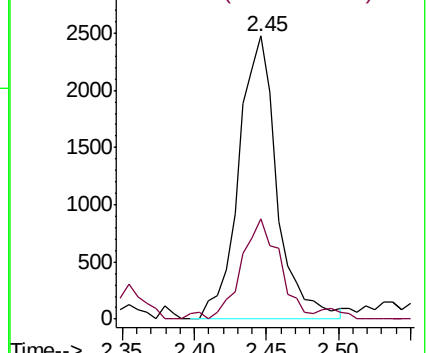
43 100

58 33.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#24

1,1-Dichloroethane

Concen: 13.217 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX011196.D

Acq: 30 Jul 2019 15:43

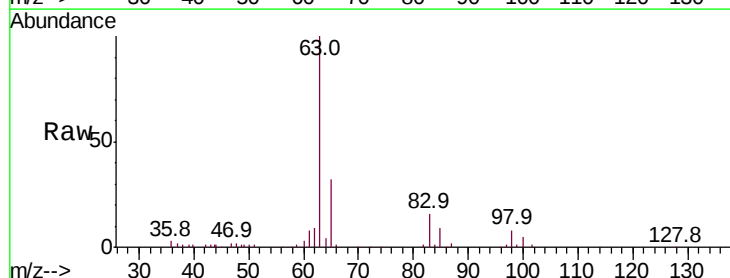
Tgt Ion: 63 Resp: 45214

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

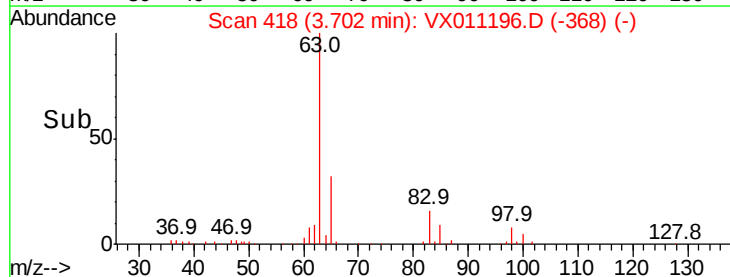
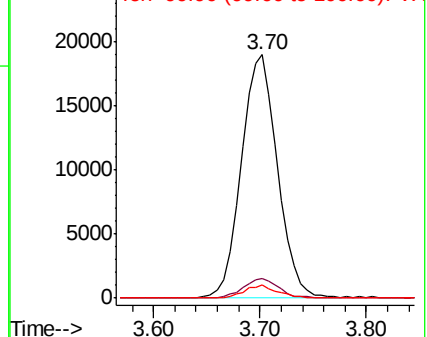
100 5.2 2.4 7.2

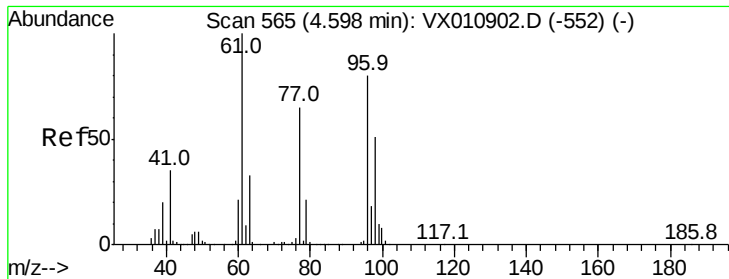


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



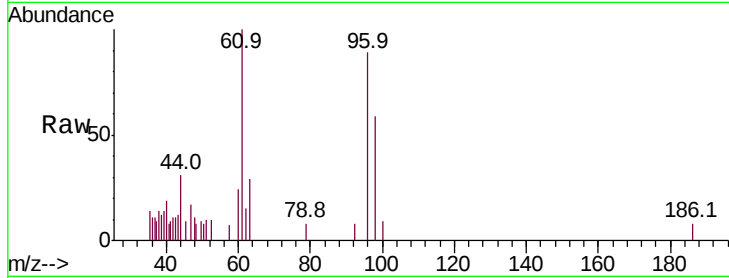


#27

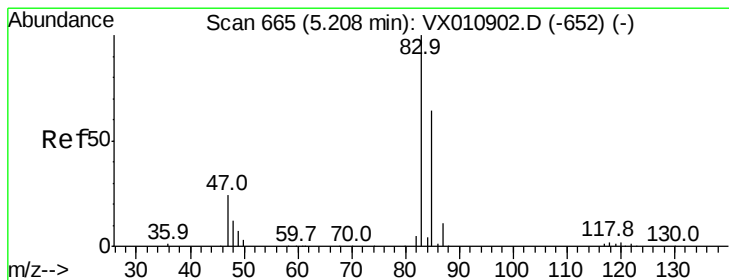
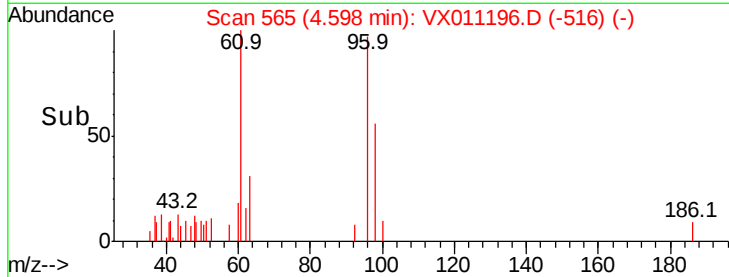
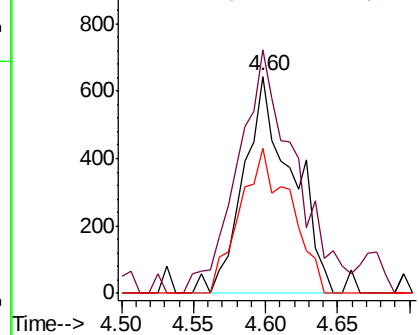
cis-1,2-Dichloroethene
 Concen: 0.639 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011196.D
 Acq: 30 Jul 2019 15:43

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-378-380

Tot Ion: 96 Resp: 1509
 Ion Ratio Lower Upper
 96 100
 61 132.9 0.0 269.0
 98 69.6 0.0 131.4



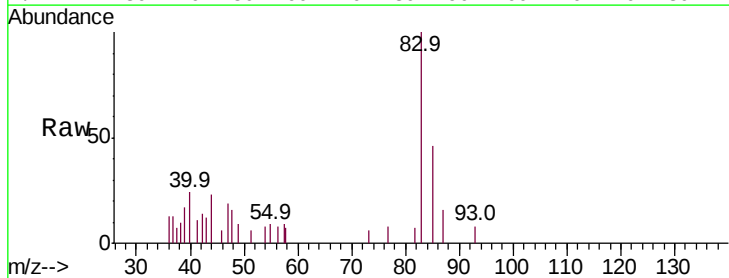
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



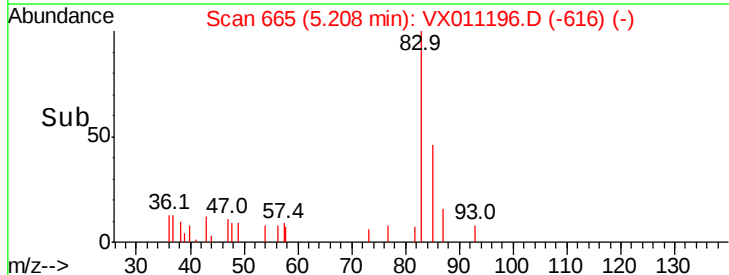
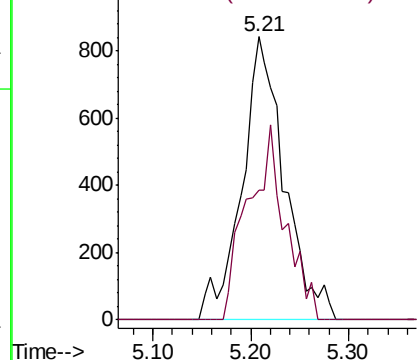
#30

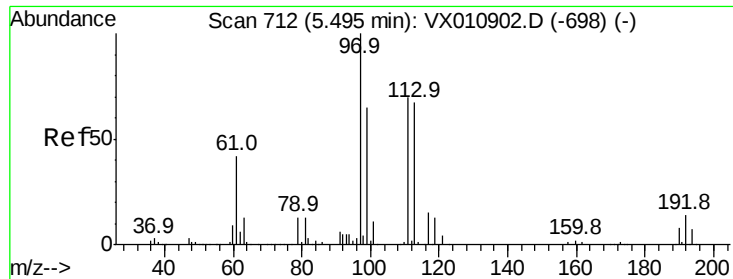
Chloroform
 Concen: 0.689 ug/l
 RT: 5.21 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VX011196.D
 Acq: 30 Jul 2019 15:43

Tgt Ion: 83 Resp: 2547
 Ion Ratio Lower Upper
 83 100
 85 45.7 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: 1.213 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011196.D

Acq: 30 Jul 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-378-380

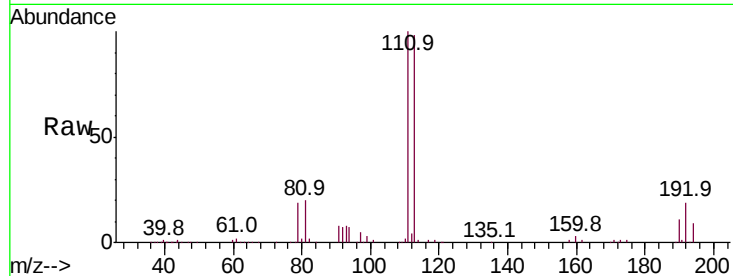
Tot Ion: 97 Resp: 3882

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

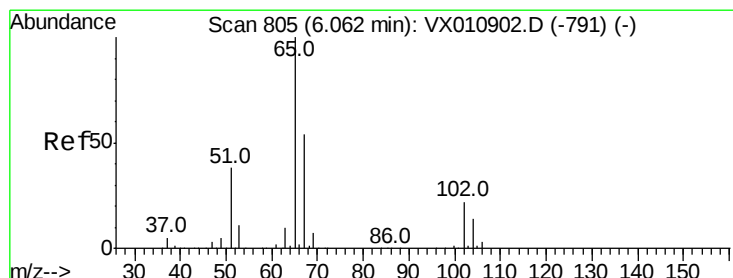
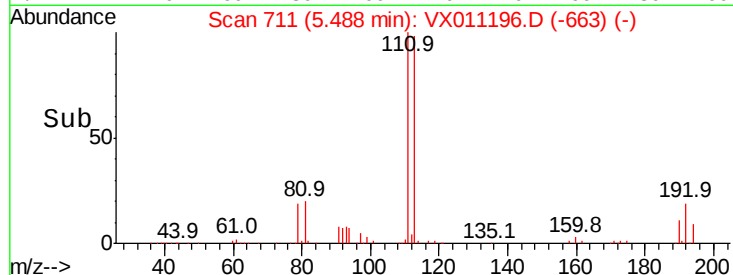
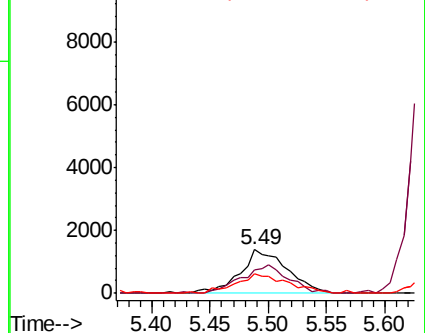
61 48.8 33.0 49.6



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: 46.437 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011196.D

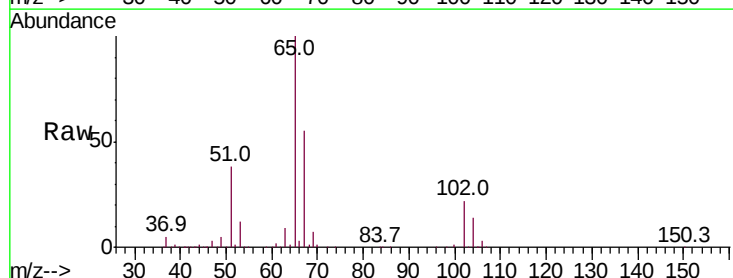
Acq: 30 Jul 2019 15:43

Tgt Ion: 65 Resp: 106644

Ion Ratio Lower Upper

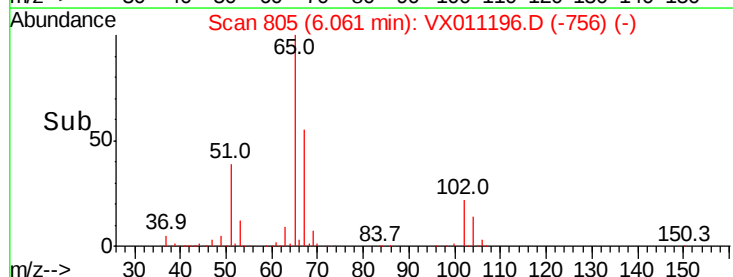
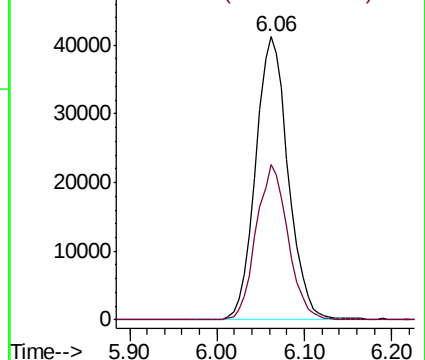
65 100

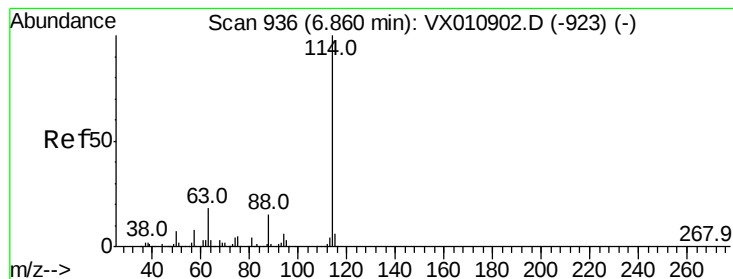
67 54.0 0.0 107.8



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: VX011196.D

Acq: 30 Jul 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-378-380

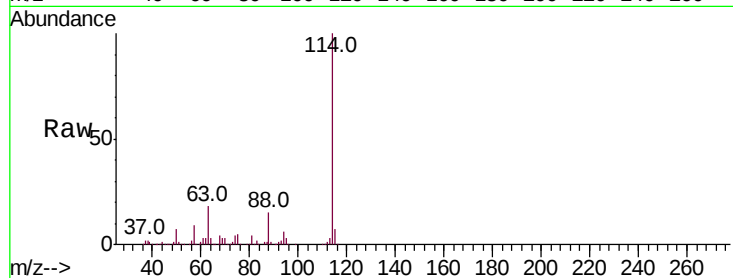
Tot Ion:114 Resp: 310906

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

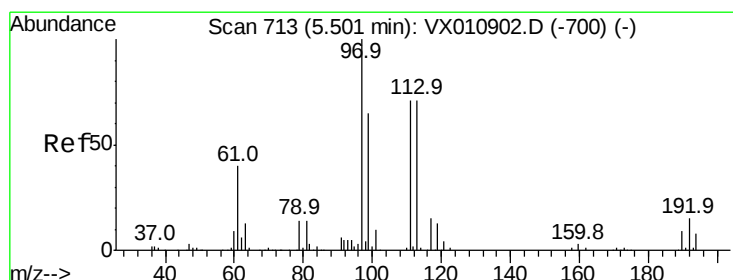
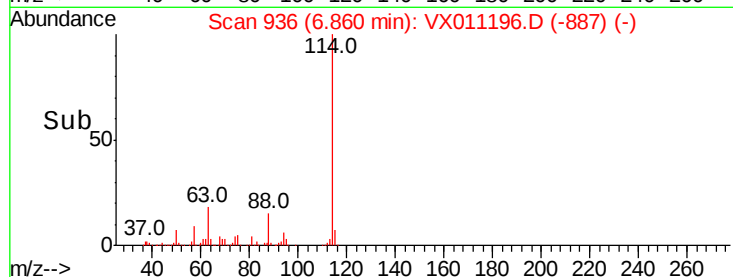
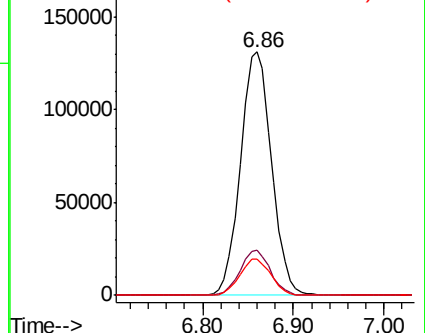
88 14.9 0.0 29.8



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: 46.845 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011196.D

Acq: 30 Jul 2019 15:43

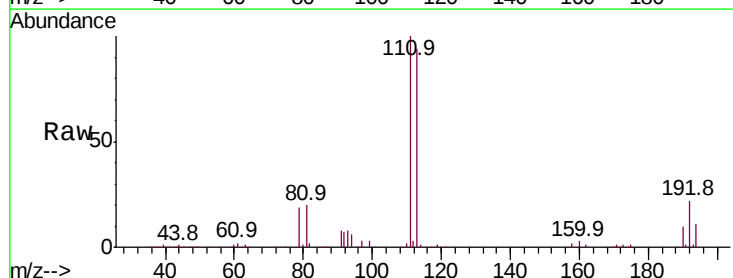
Tgt Ion:113 Resp: 92444

Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

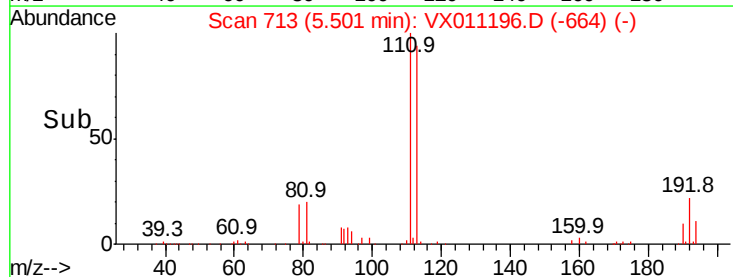
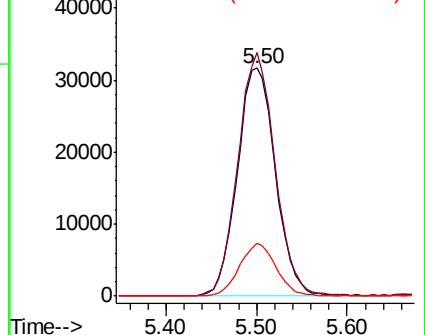
192 22.3 17.4 26.2

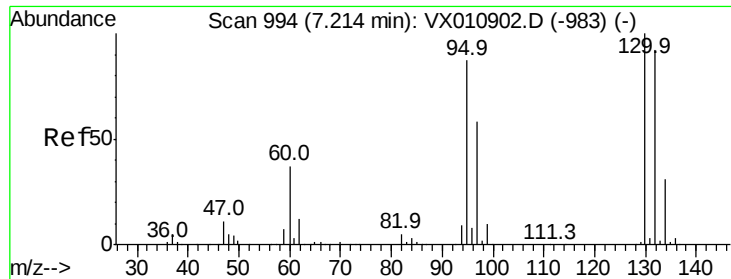


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

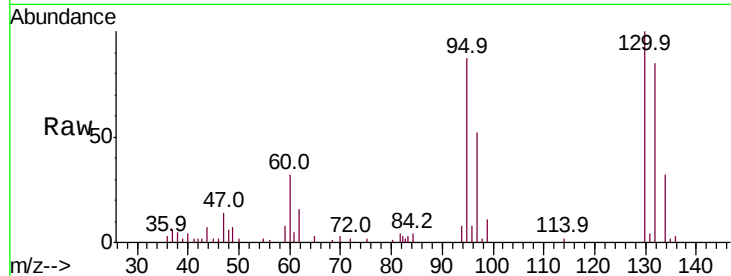




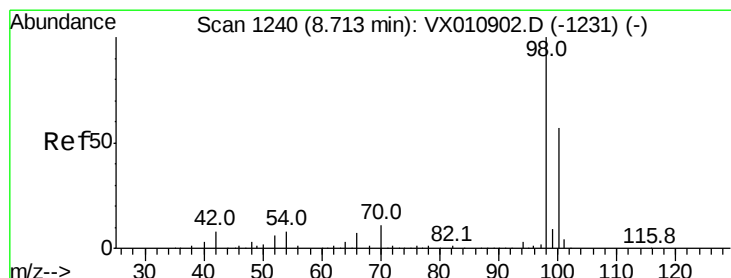
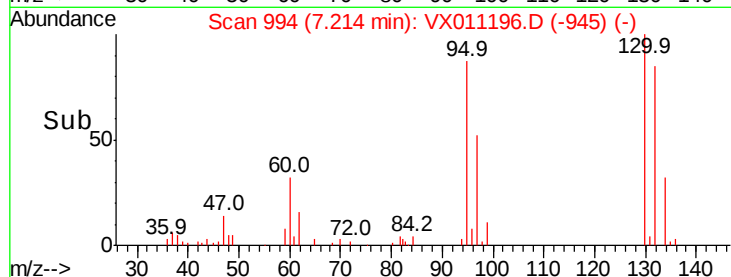
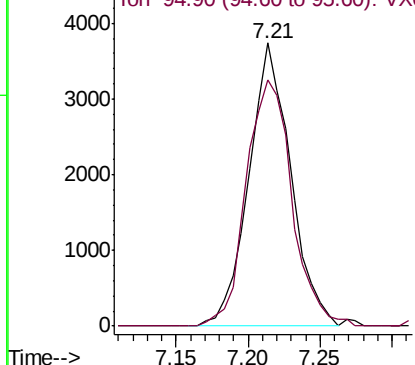
#44
 Trichloroethene
 Concen: 3.246 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011196.D
 Acq: 30 Jul 2019 15:43

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-378-380

Tot Ion:130 Resp: 7516
 Ion Ratio Lower Upper
 130 100
 95 87.0 0.0 174.8

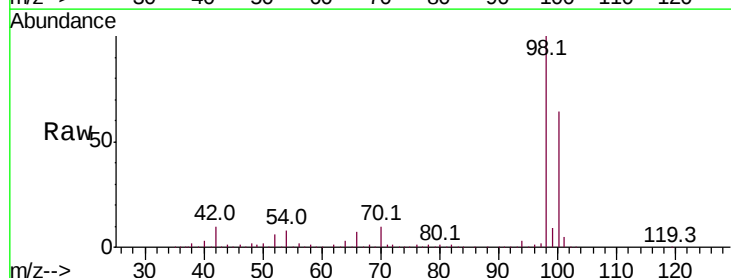


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

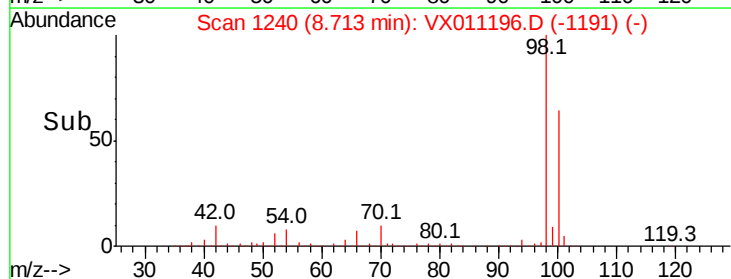
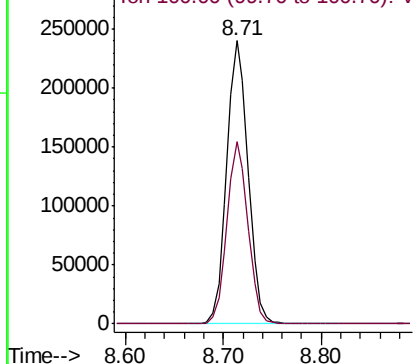


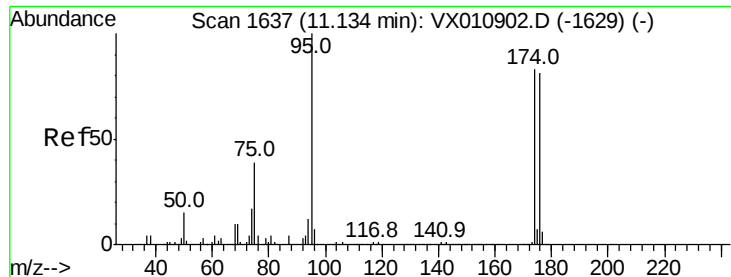
#50
 Toluene-d8
 Concen: 49.195 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011196.D
 Acq: 30 Jul 2019 15:43

Tgt Ion: 98 Resp: 364114
 Ion Ratio Lower Upper
 98 100
 100 63.3 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: 44.280 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011196.D

Acq: 30 Jul 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-378-380

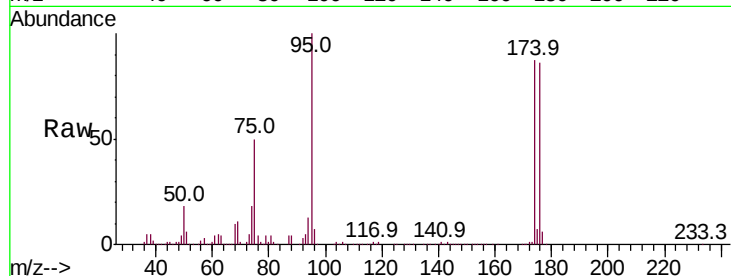
Tot Ion: 95 Resp: 120467

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.6

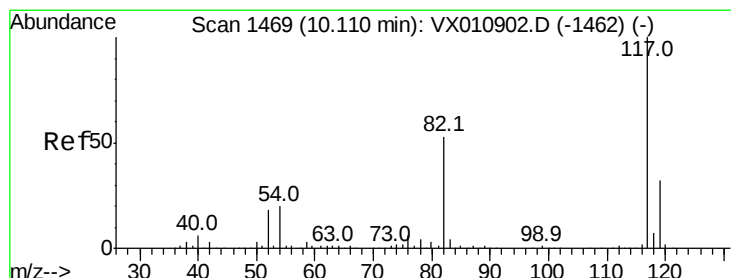
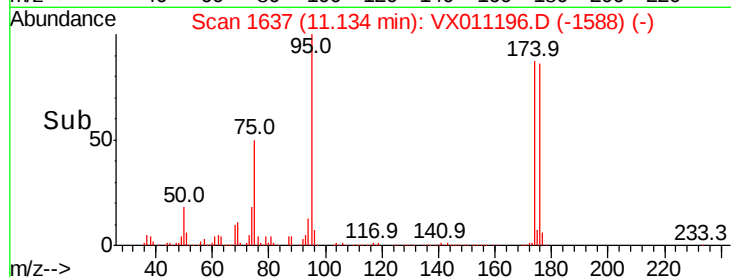
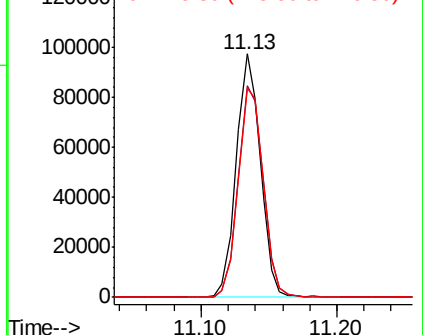
176 89.5 0.0 173.8



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: VX011196.D

Acq: 30 Jul 2019 15:43

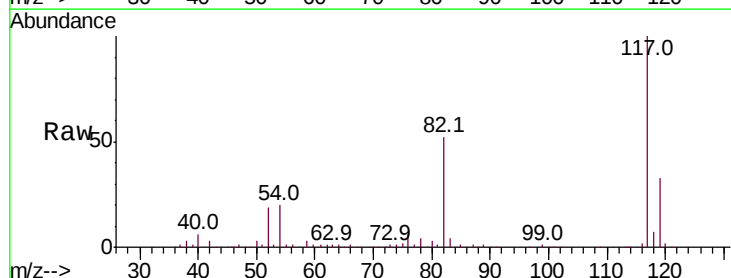
Tgt Ion: 117 Resp: 278292

Ion Ratio Lower Upper

117 100

82 51.6 42.6 63.8

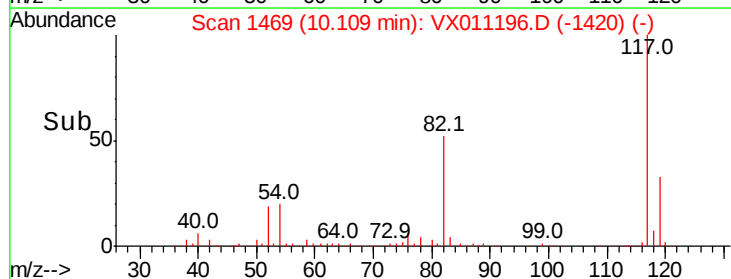
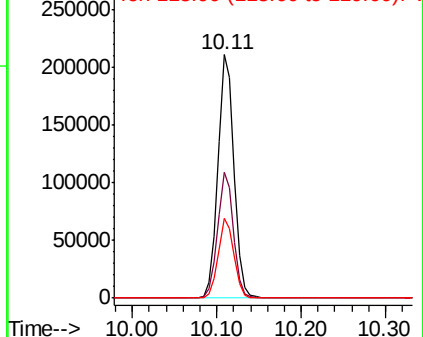
119 32.8 25.9 38.9

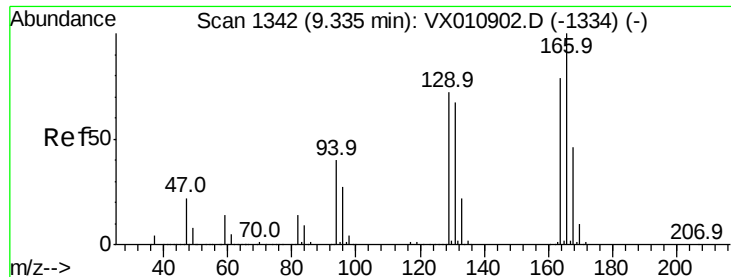


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.248 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX011196.D

Acq: 30 Jul 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-378-380

Tot Ion:164 Resp: 543

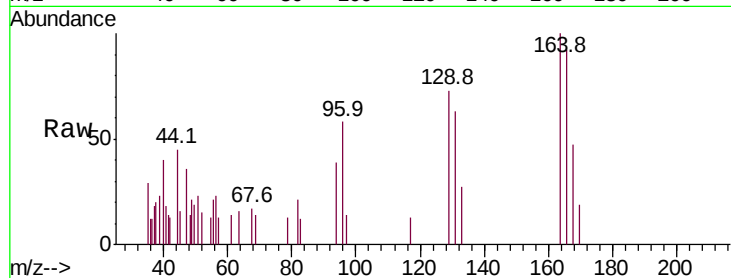
Ion Ratio Lower Upper

164 100

166 91.7 100.8 151.2#

129 72.5 72.6 109.0#

131 63.0 67.7 101.5#

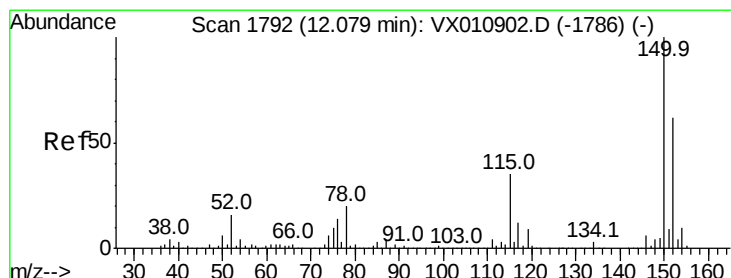
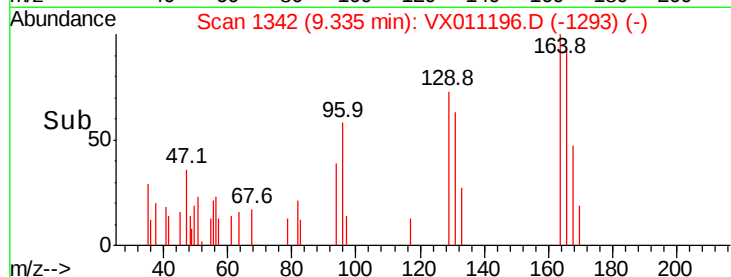
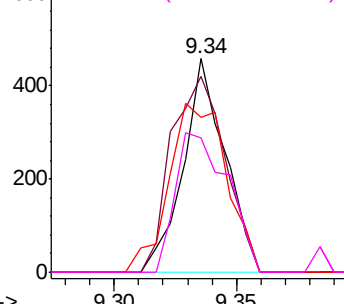


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX011196.D

Acq: 30 Jul 2019 15:43

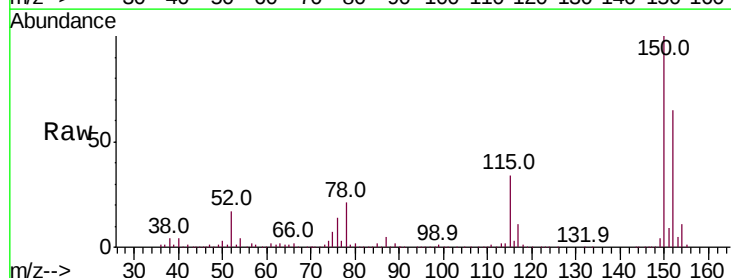
Tgt Ion:152 Resp: 132049

Ion Ratio Lower Upper

152 100

115 54.8 39.7 119.1

150 153.5 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

