

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022619\
 Data File : VX007713.D
 Acq On : 26 Feb 2019 15:06
 Operator : JC/SP
 Sample : K1578-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-365-367

Quant Time: Feb 26 15:50:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	339511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	584717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	544598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249228	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	210362	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
35) Dibromofluoromethane	5.51	113	196756	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
50) Toluene-d8	8.71	98	707435	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.13	95	245320	44.67	ug/l	0.00
Spiked Amount			Recovery	=	89.34%	

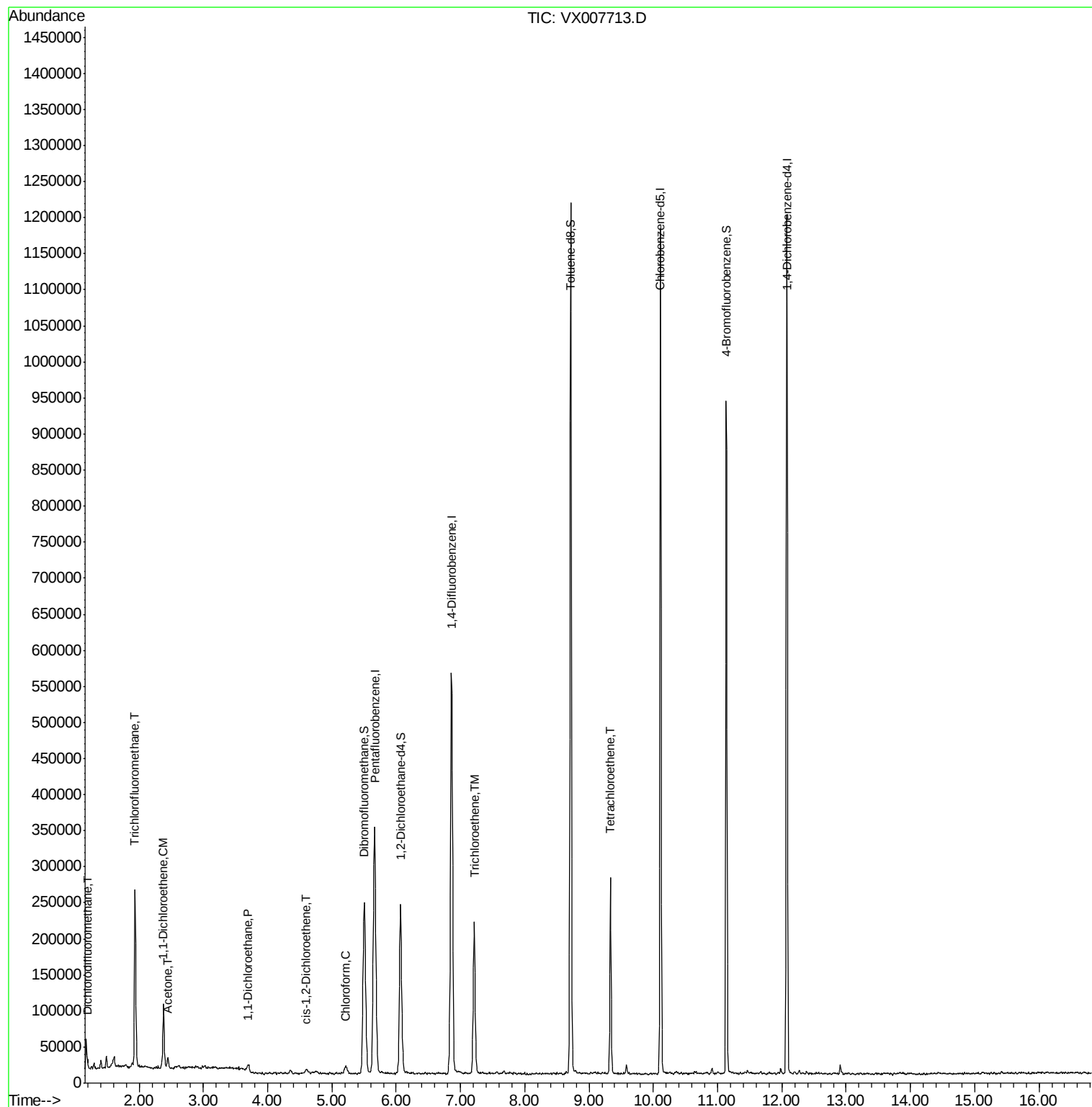
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	6934	2.217	ug/l	95
7) Trichlorofluoromethane	1.93	101	167194	30.672	ug/l	97
12) 1,1-Dichloroethene	2.38	96	28948	9.748	ug/l	94
16) Acetone	2.45	43	13873	7.418	ug/l	95
24) 1,1-Dichloroethane	3.70	63	13174	2.121	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	4445	1.082	ug/l	82
30) Chloroform	5.21	83	13174	1.980	ug/l	100
44) Trichloroethene	7.21	130	82035	18.377	ug/l	98
64) Tetrachloroethene	9.34	164	52006	11.763	ug/l	95

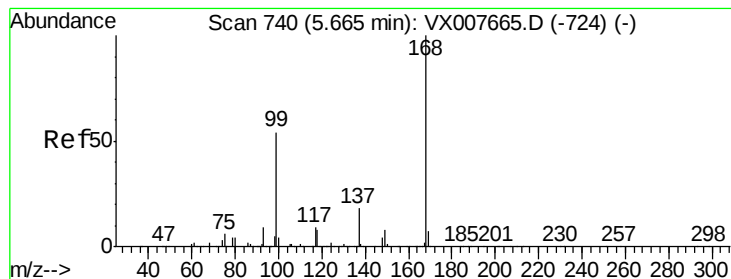
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

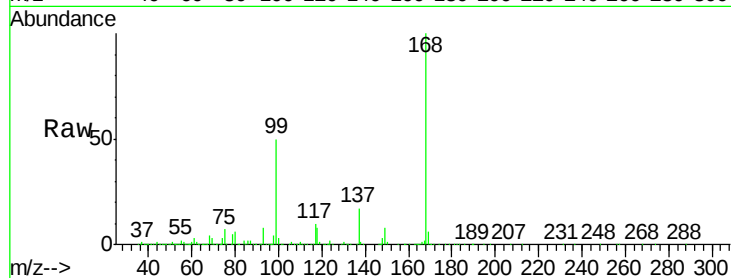
BP-VPB201-GW-365-367

Tot Ion:168 Resp: 339511

Ion Ratio Lower Upper

168 100

99 50.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

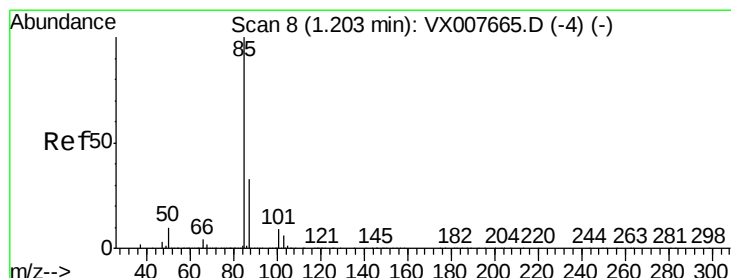
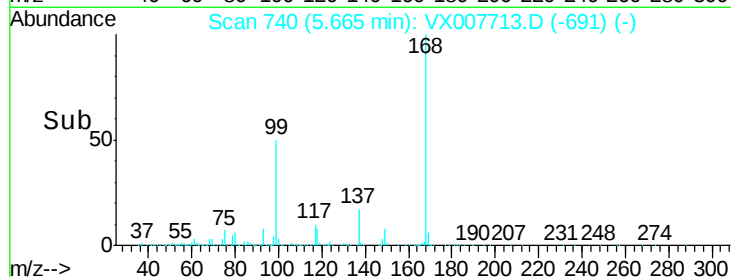
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.217 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007713.D

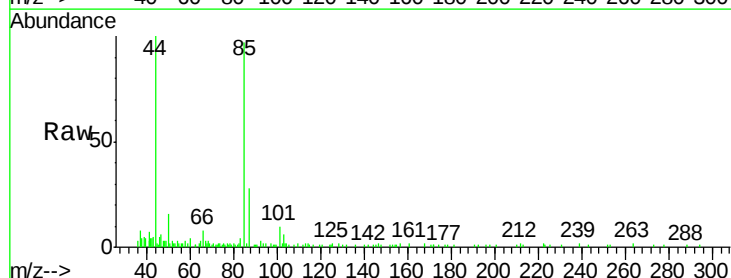
Acq: 26 Feb 2019 15:06

Tgt Ion: 85 Resp: 6934

Ion Ratio Lower Upper

85 100

87 28.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

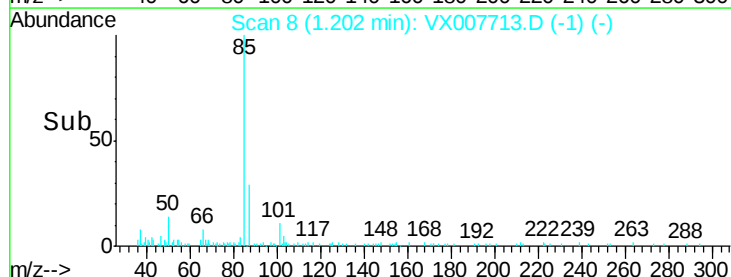
6000

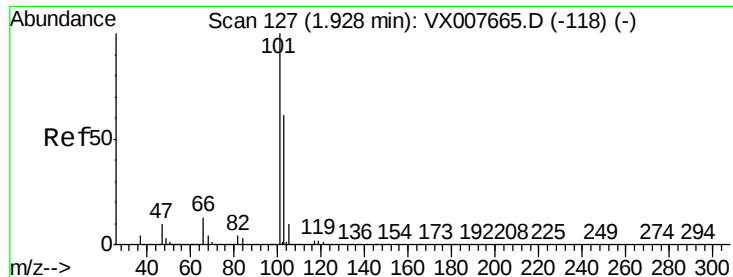
4000

2000

0

Time-->



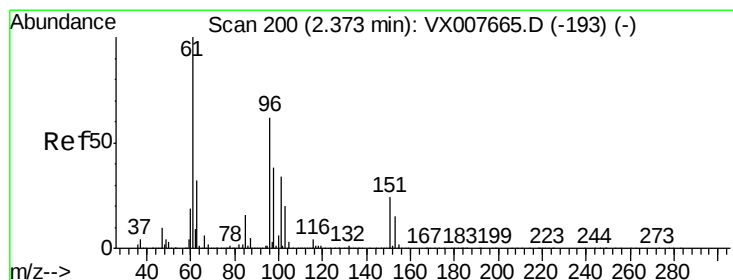
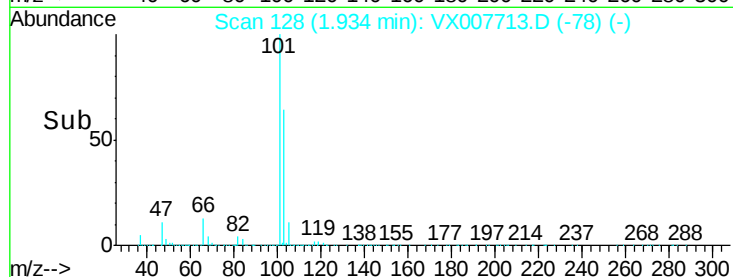
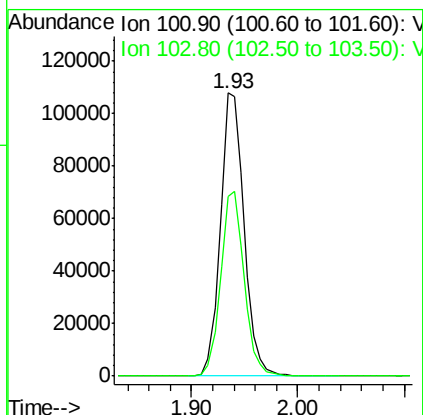
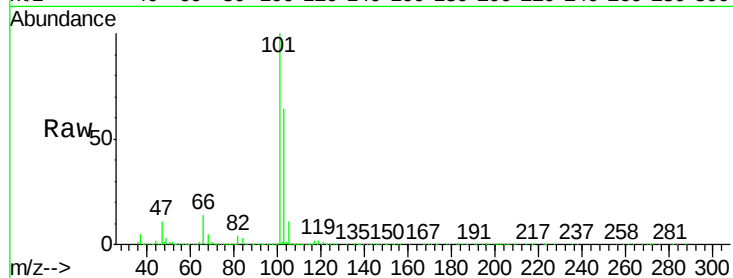


#7

Trichlorofluoromethane
Concen: 30.672 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

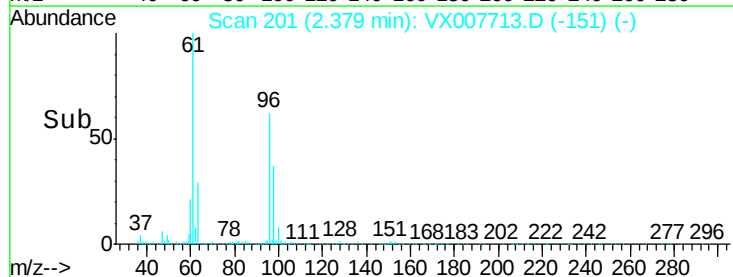
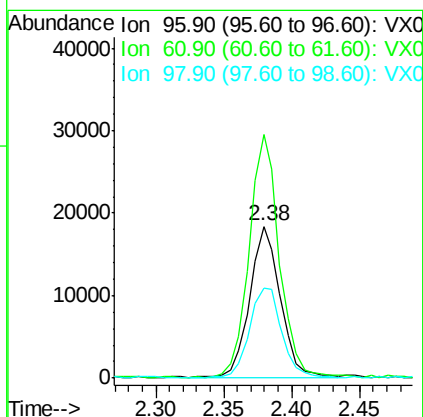
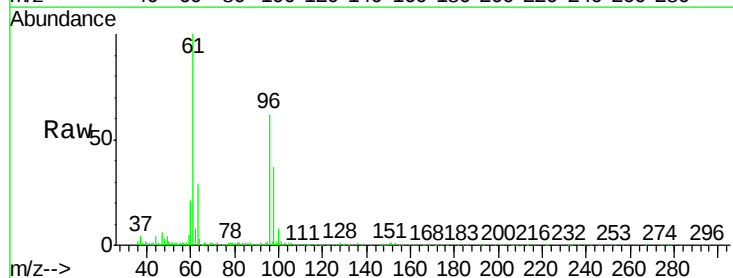
Tot Ion:101 Resp: 167194
Ion Ratio Lower Upper
101 100
103 63.7 52.6 79.0

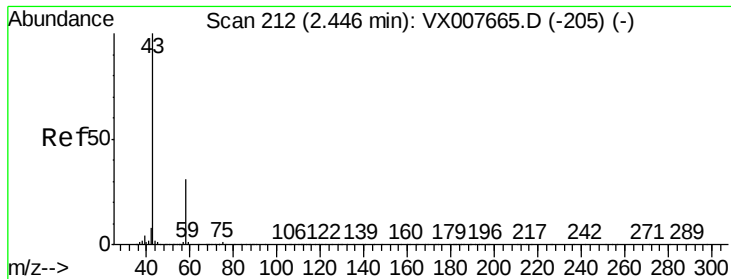


#12

1,1-Dichloroethene
Concen: 9.748 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion: 96 Resp: 28948
Ion Ratio Lower Upper
96 100
61 161.4 123.0 184.4
98 59.4 50.9 76.3





#16

Acetone

Concen: 7.418 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

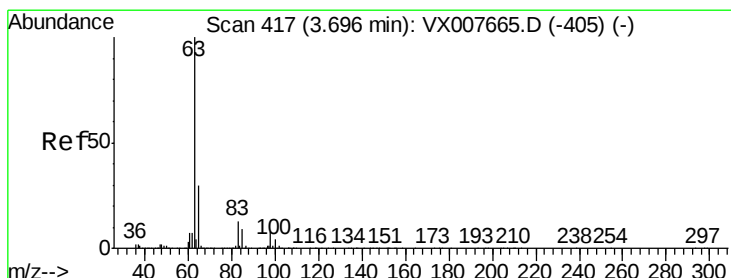
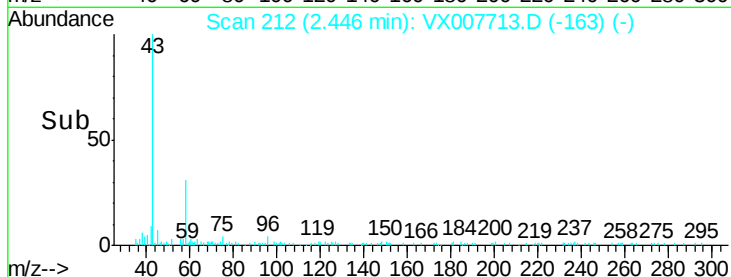
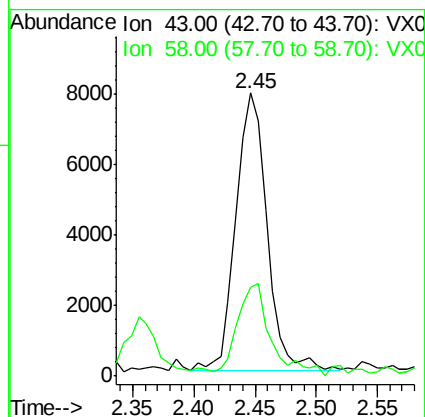
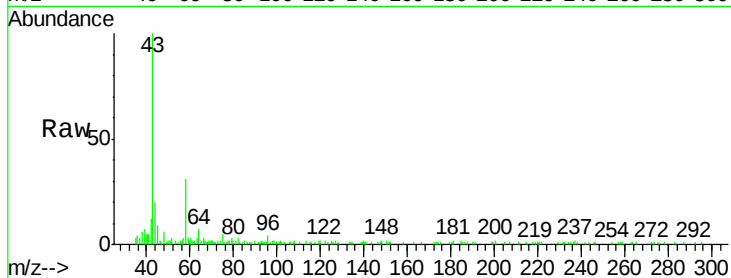
BP-VPB201-GW-365-367

Tot Ion: 43 Resp: 13873

Ion Ratio Lower Upper

43 100

58 28.5 24.9 37.3



#24

1,1-Dichloroethane

Concen: 2.121 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

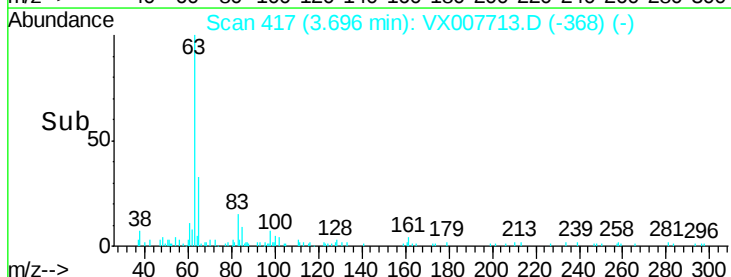
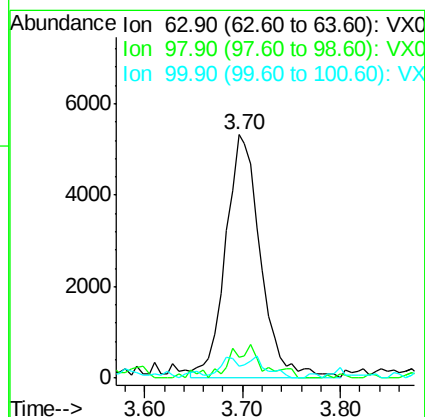
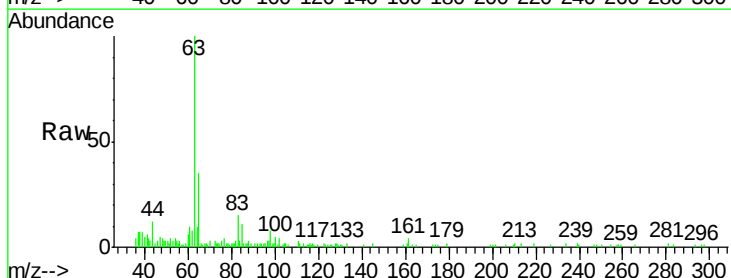
Tgt Ion: 63 Resp: 13174

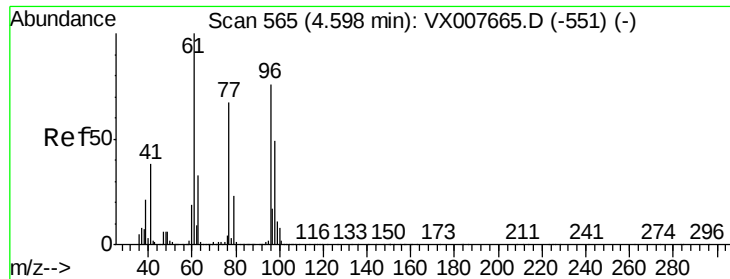
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 2.5 2.5 7.4



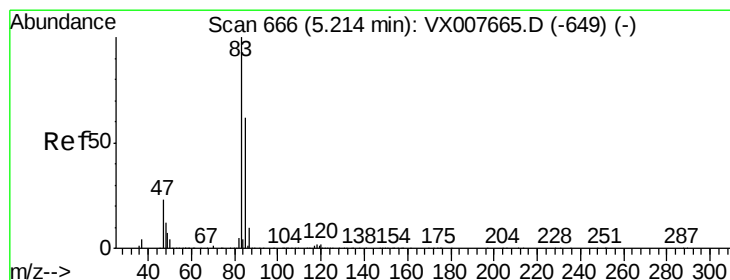
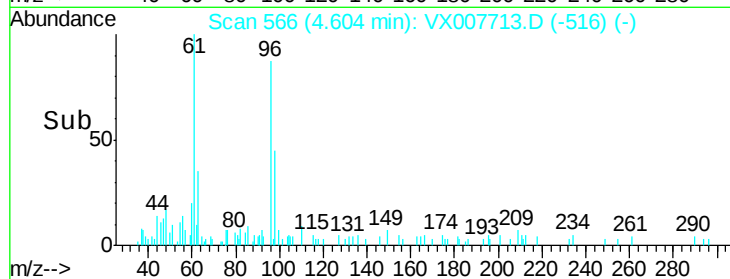
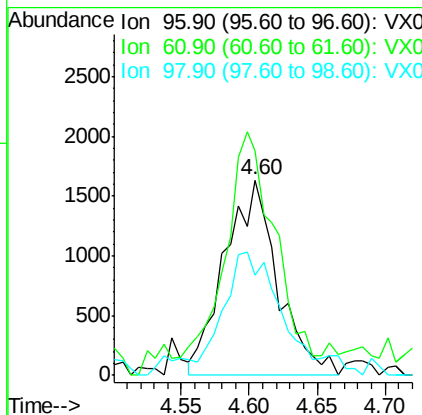
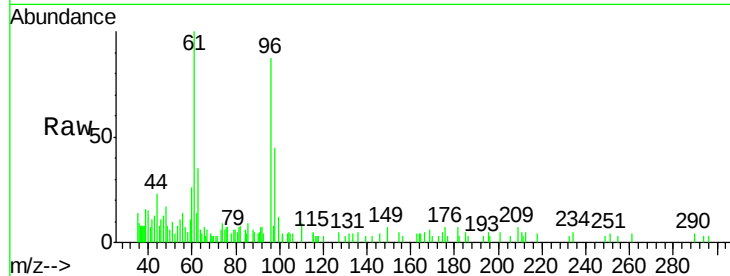


#27

cis-1,2-Dichloroethene
 Concen: 1.082 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007713.D
 Acq: 26 Feb 2019 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-365-367

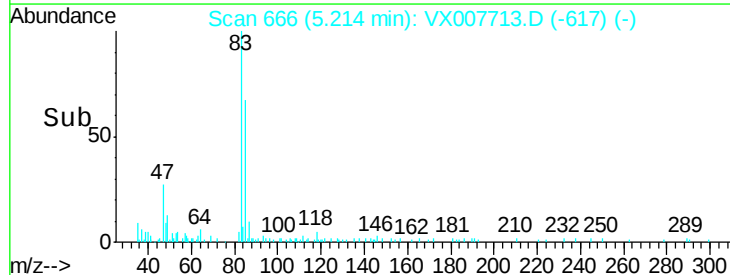
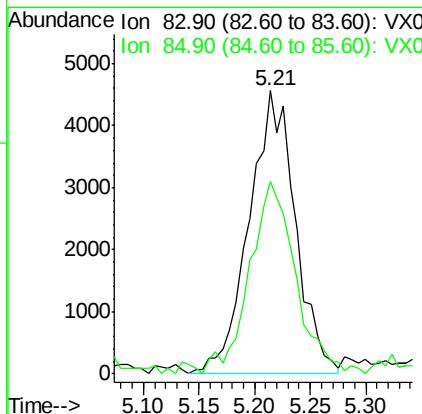
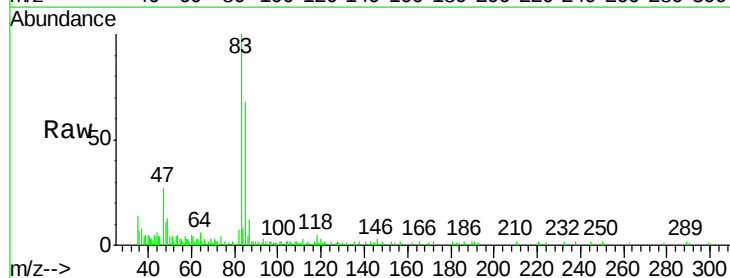
Tot Ion	Ratio	Lower	Upper
96	100		
61	104.3	0.0	265.6
98	70.3	0.0	131.6

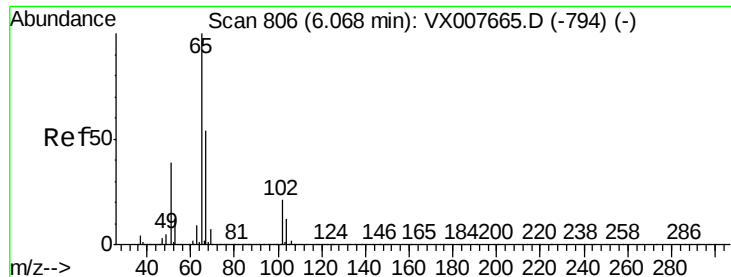


#30

Chloroform
 Concen: 1.980 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VX007713.D
 Acq: 26 Feb 2019 15:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4





#33

1,2-Dichloroethane-d4

Concen: 50.021 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

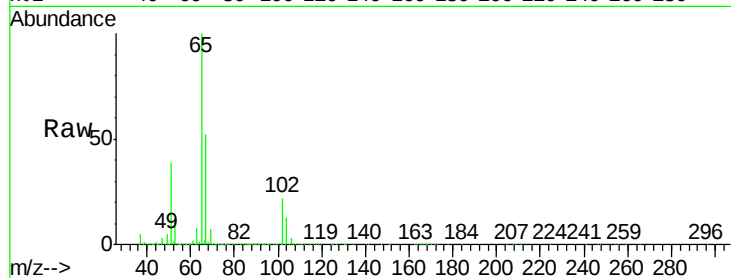
BP-VPB201-GW-365-367

Tot Ion: 65 Resp: 210362

Ion Ratio Lower Upper

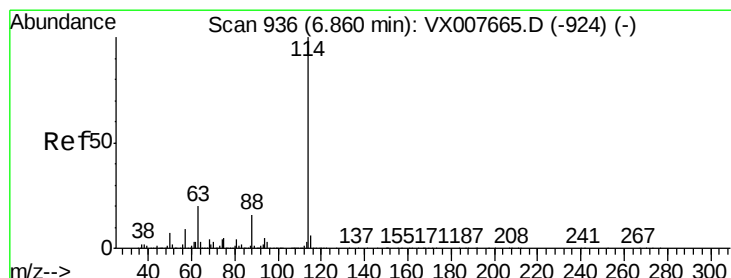
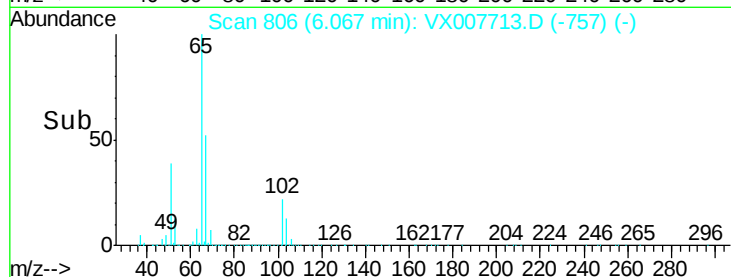
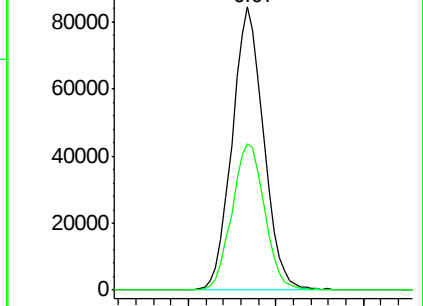
65 100

67 53.8 0.0 108.8



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: VX007713.D

Acq: 26 Feb 2019 15:06

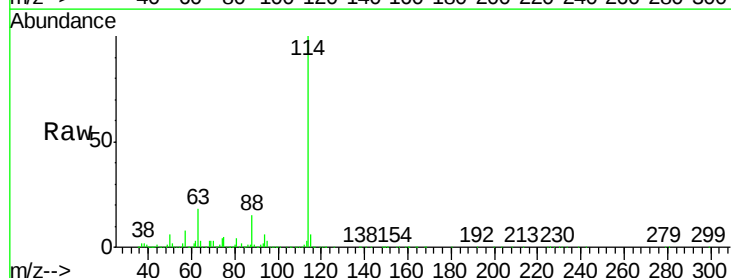
Tgt Ion: 114 Resp: 584717

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

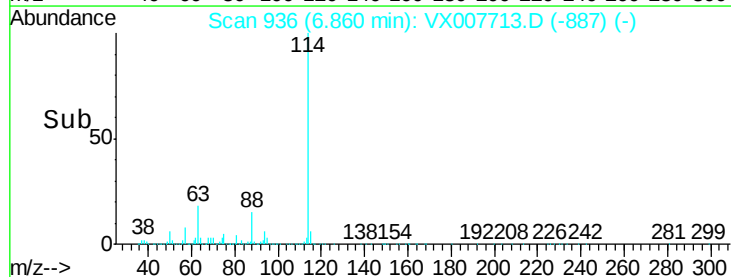
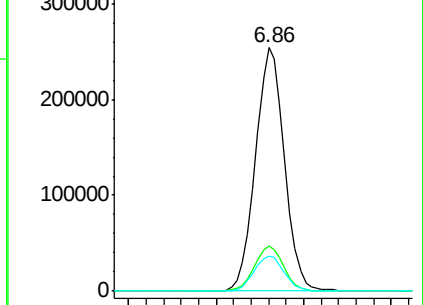
88 14.6 0.0 29.6

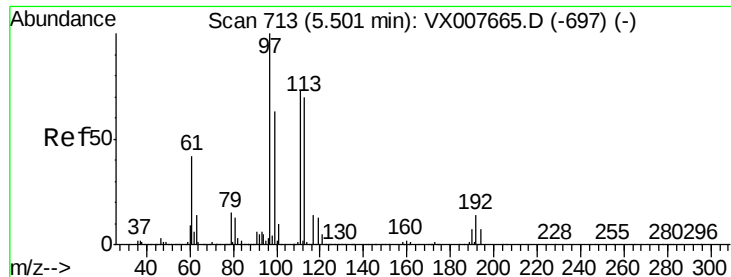


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.339 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

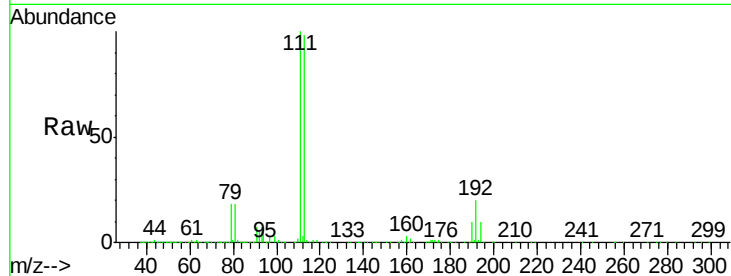
Tot Ion:113 Resp: 196756

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

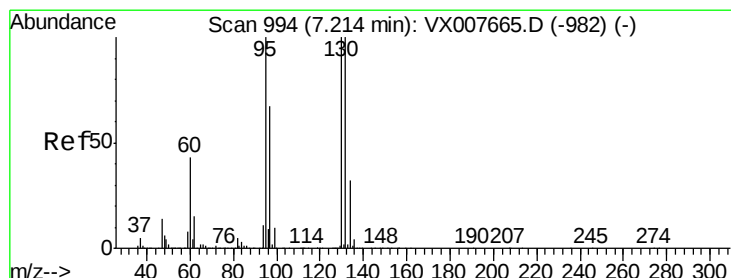
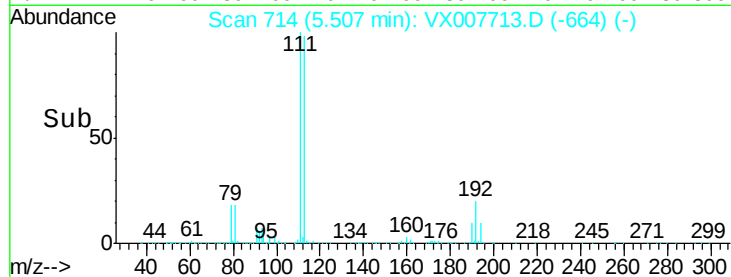
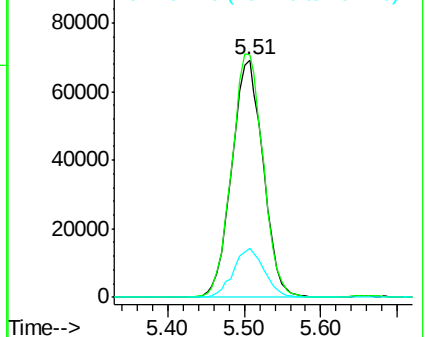
192 20.4 18.5 27.7



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: 18.377 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007713.D

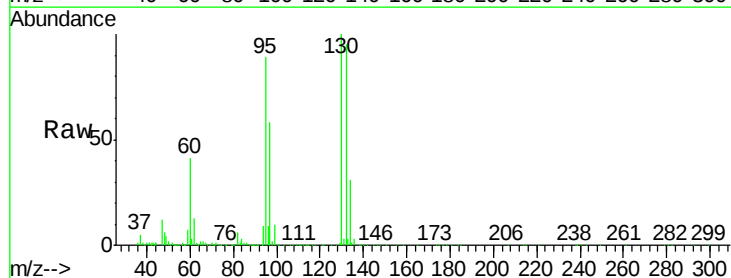
Acq: 26 Feb 2019 15:06

Tgt Ion:130 Resp: 82035

Ion Ratio Lower Upper

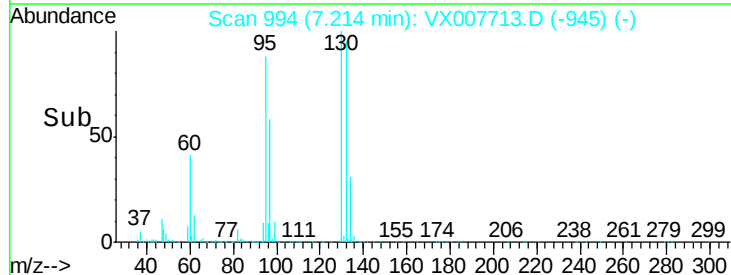
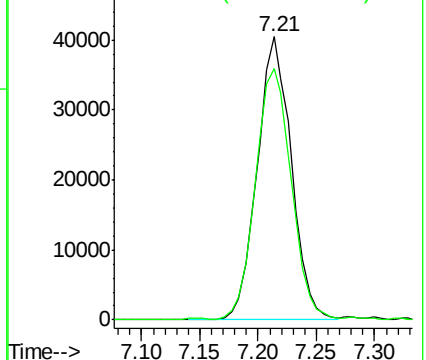
130 100

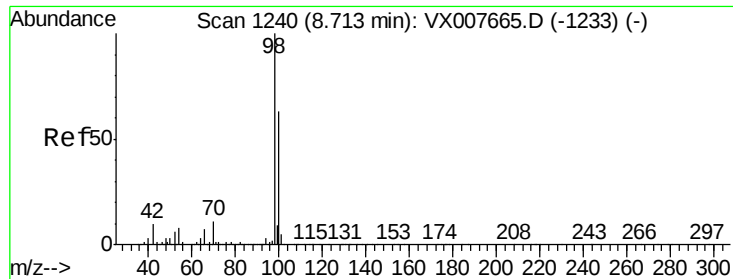
95 88.0 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

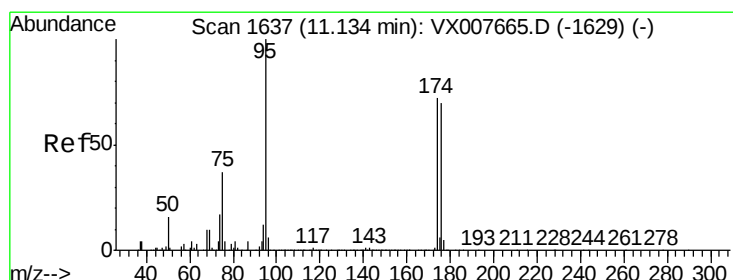
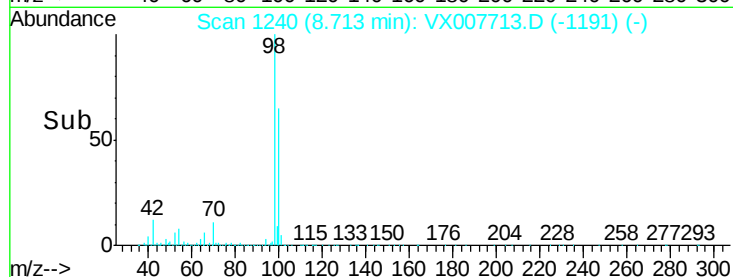
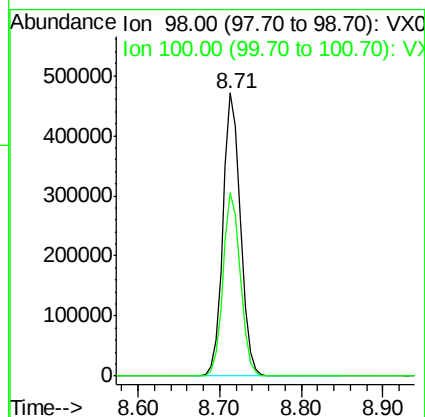
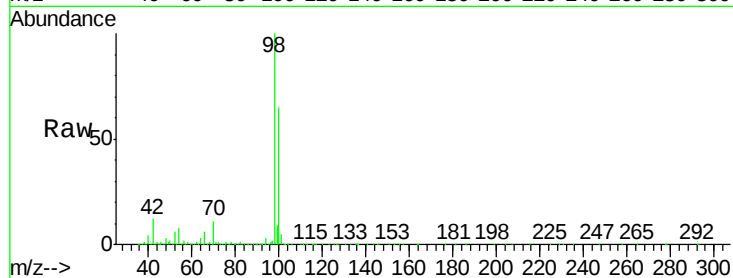




#50
Toluene-d8
Concen: 47.276 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

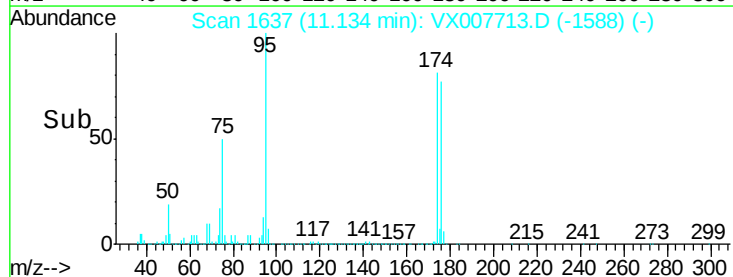
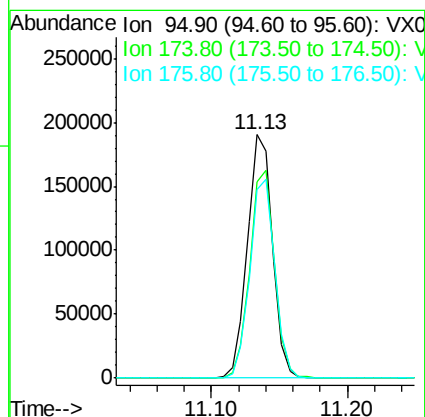
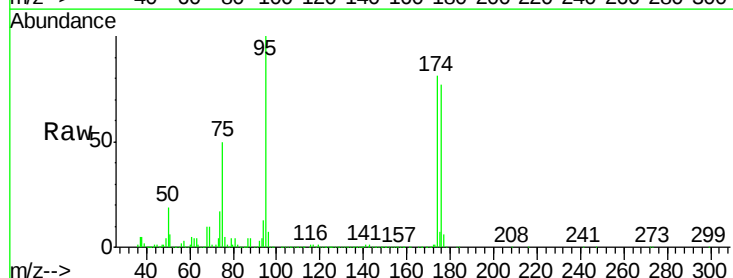
Instrument :
MSVOA_X
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BP-VPB201-GW-365-367

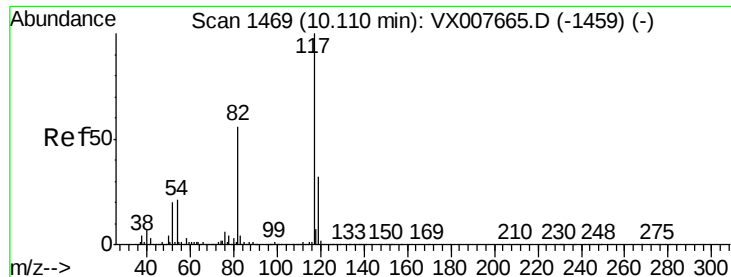
Tot Ion: 98 Resp: 707435
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.667 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion: 95 Resp: 245320
Ion Ratio Lower Upper
95 100
174 84.5 0.0 189.2
176 81.8 0.0 186.2

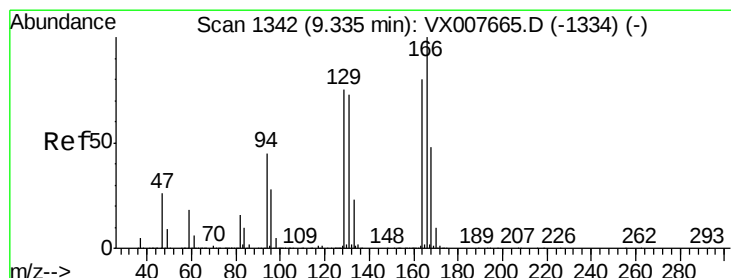
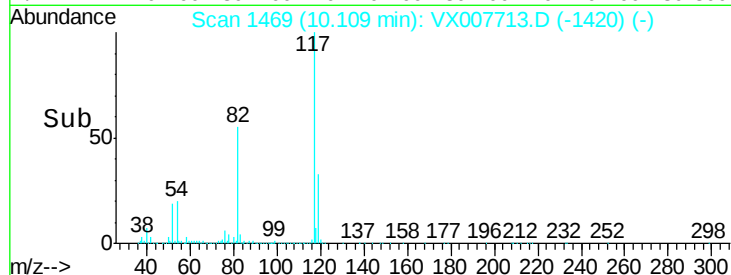
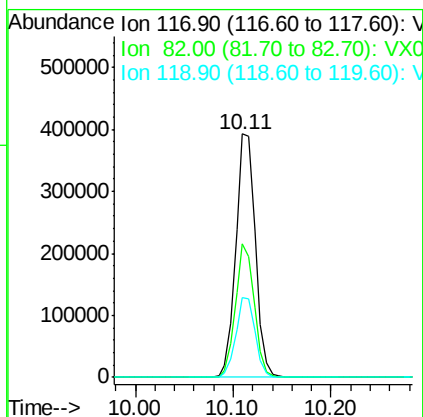
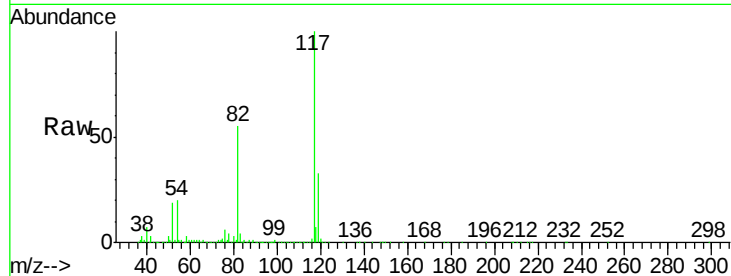




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

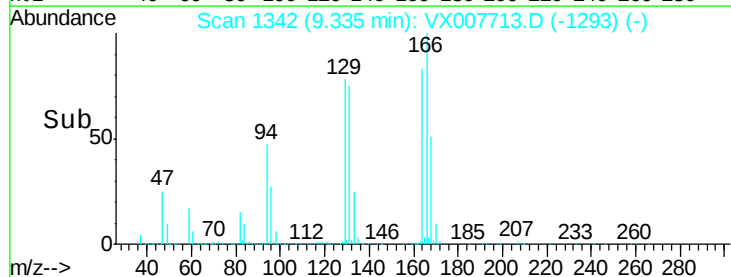
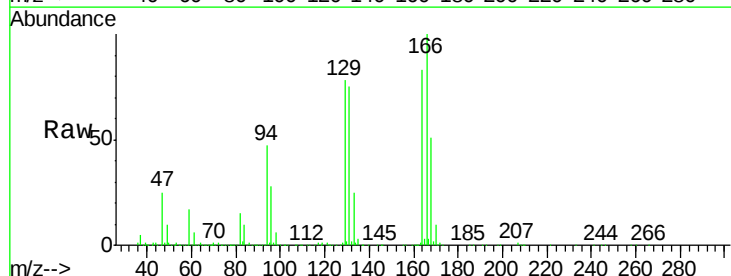
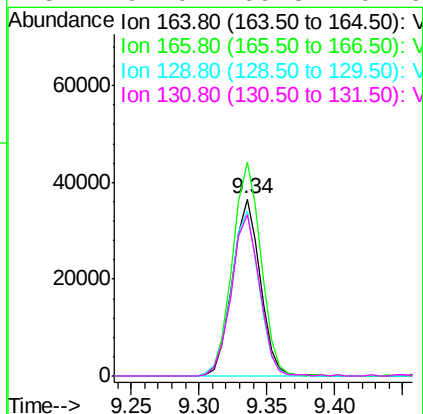
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

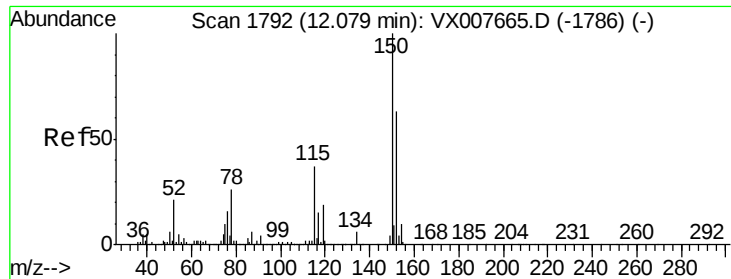
Tot Ion:117 Resp: 544598
Ion Ratio Lower Upper
117 100
82 54.6 42.1 63.1
119 33.0 26.5 39.7



#64
Tetrachloroethene
Concen: 11.763 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007713.D
Acq: 26 Feb 2019 15:06

Tgt Ion:164 Resp: 52006
Ion Ratio Lower Upper
164 100
166 120.5 101.0 151.4
129 93.4 70.5 105.7
131 91.0 69.8 104.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007713.D

Acq: 26 Feb 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

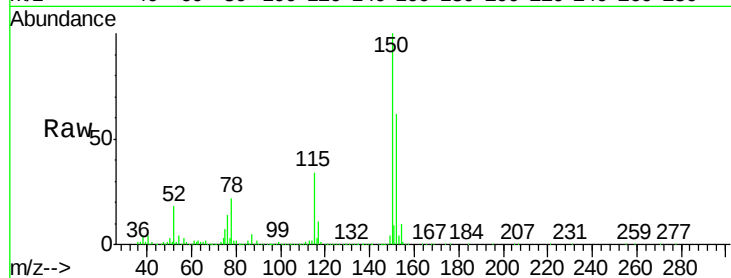
Tot Ion:152 Resp: 249228

Ion Ratio Lower Upper

152 100

115 56.2 38.0 114.0

150 157.5 0.0 346.4



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

