

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007783.D
 Acq On : 01 Mar 2019 12:20
 Operator : JC/SP
 Sample : K1641-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-380-382DL

Quant Time: Mar 01 13:22:23 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	319622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	494662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	479296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234587	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	187501	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
35) Dibromofluoromethane	5.50	113	160592	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
50) Toluene-d8	8.71	98	614126	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.13	95	226254	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	

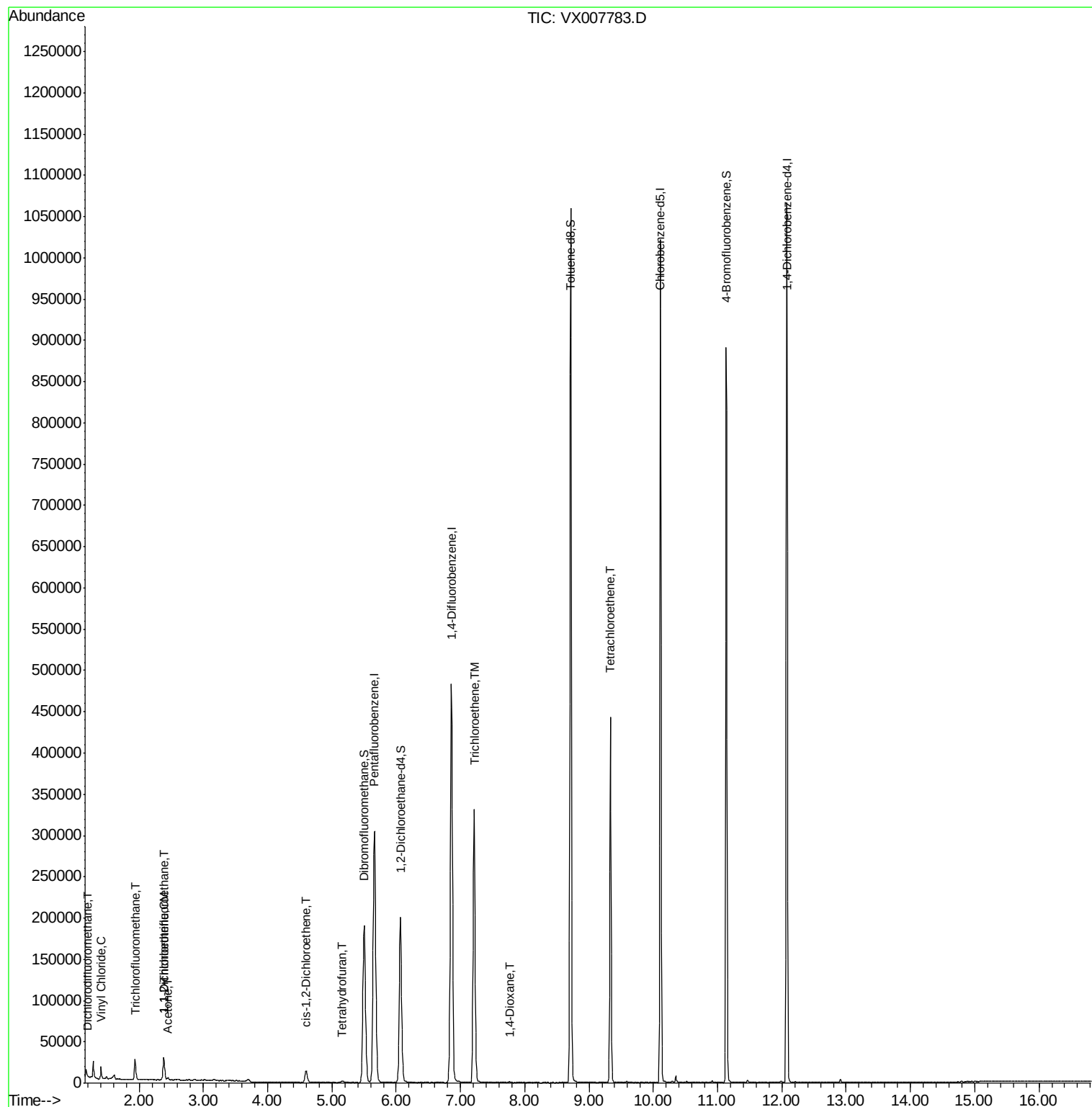
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	785	0.267	ug/l	91
4) Vinyl Chloride	1.41	62	8504	2.540	ug/l	98
7) Trichlorofluoromethane	1.93	101	16604	3.236	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5753	1.855	ug/l	100
12) 1,1-Dichloroethene	2.38	96	4954	1.772	ug/l	95
16) Acetone	2.45	43	2501	1.421	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	9012	2.330	ug/l	98
29) Tetrahydrofuran	5.16	42	1814	1.026	ug/l #	54
44) Trichloroethene	7.21	130	135002	35.748	ug/l	95
49) 1,4-Dioxane	7.76	88	694	8.062	ug/l #	77
64) Tetrachloroethene	9.34	164	94051	24.171	ug/l	98

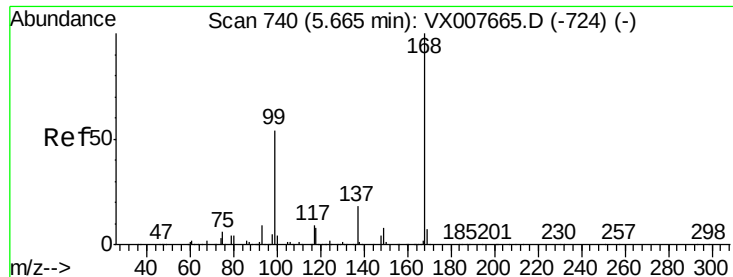
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030119\
Data File : VX007783.D
Acq On : 01 Mar 2019 12:20
Operator : JC/SP
Sample : K1641-02DL 5X
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BP-VPB201-GW-380-382DL

Quant Time: Mar 01 13:22:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
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: VX007783.D

Acq: 01 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

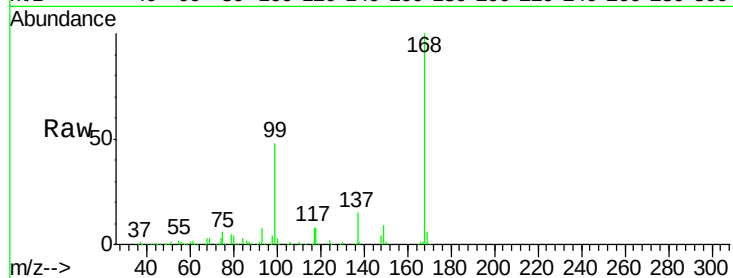
BP-VPB201-GW-380-382DL

Tot Ion:168 Resp: 319622

Ion Ratio Lower Upper

168 100

99 47.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

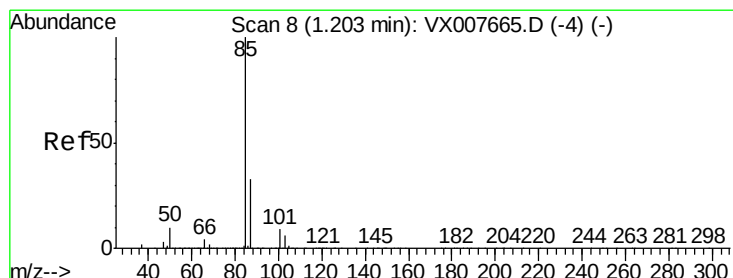
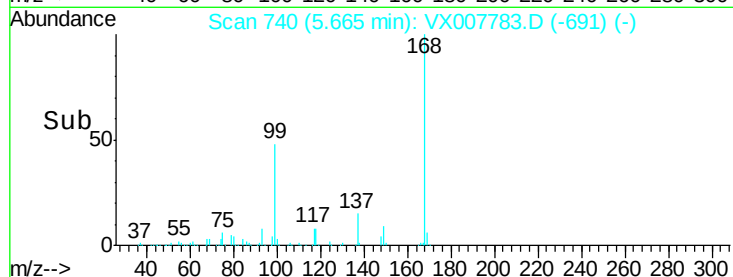
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.267 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007783.D

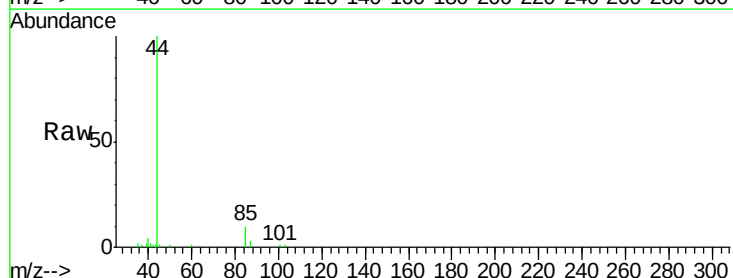
Acq: 01 Mar 2019 12:20

Tgt Ion: 85 Resp: 785

Ion Ratio Lower Upper

85 100

87 26.9 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

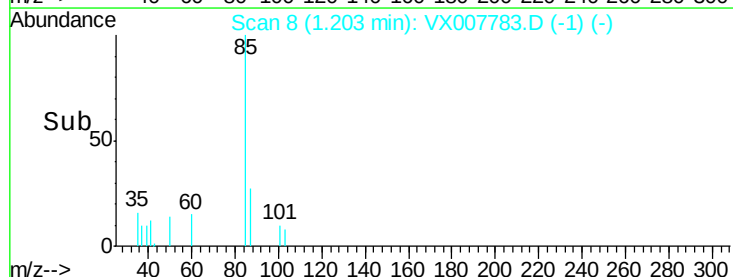
600

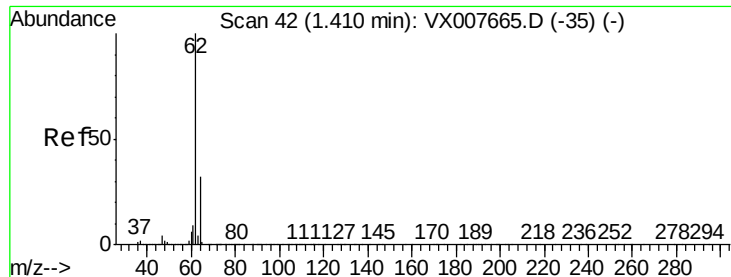
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 2.540 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007783.D

Acq: 01 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

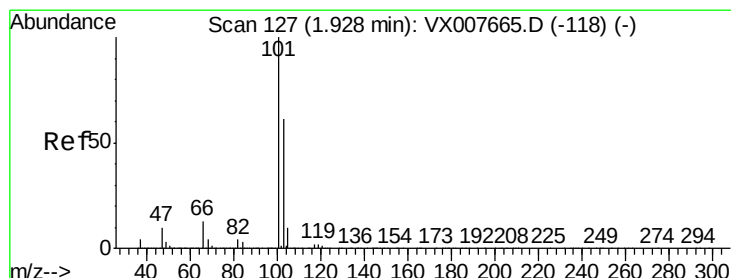
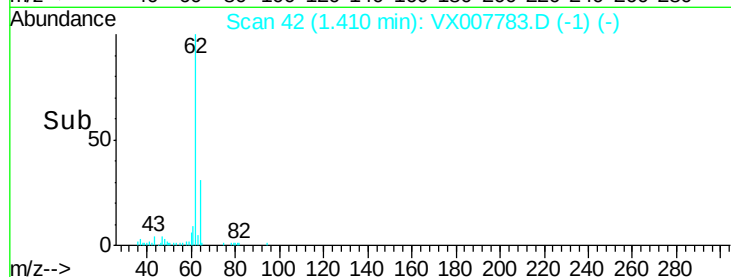
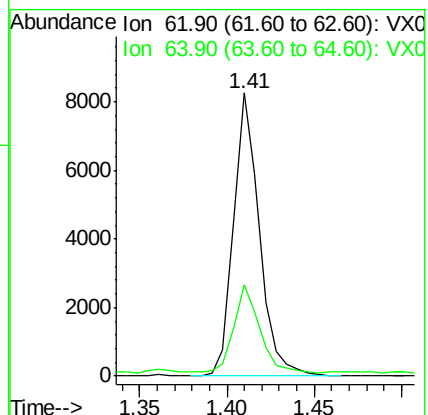
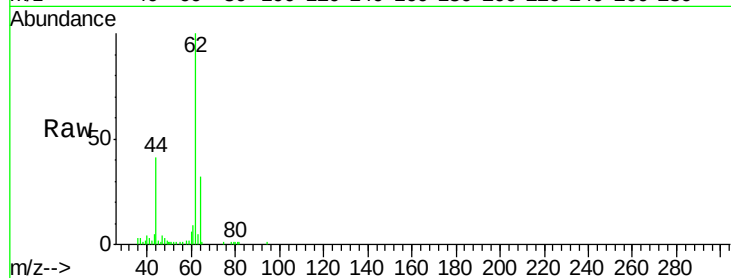
BP-VPB201-GW-380-382DL

Tot Ion: 62 Resp: 8504

Ion Ratio Lower Upper

62 100

64 30.6 25.4 38.0



#7

Trichlorofluoromethane

Concen: 3.236 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX007783.D

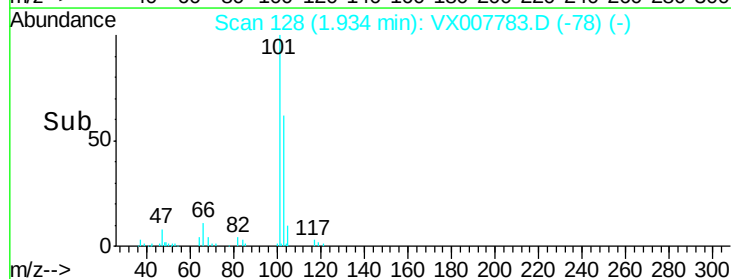
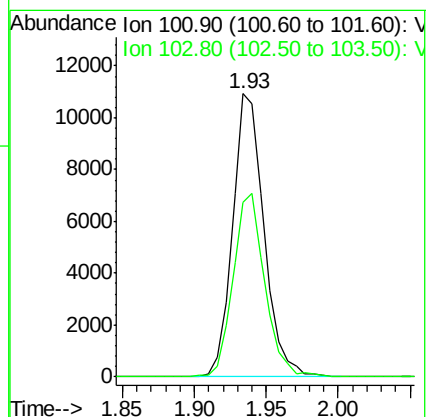
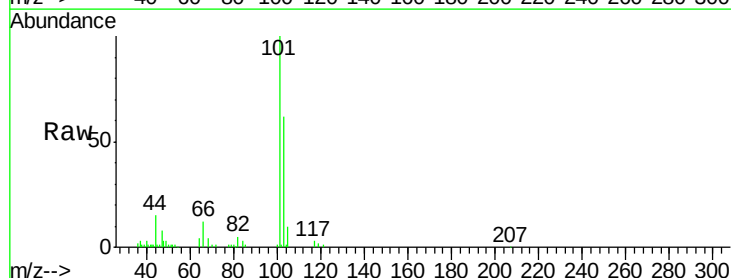
Acq: 01 Mar 2019 12:20

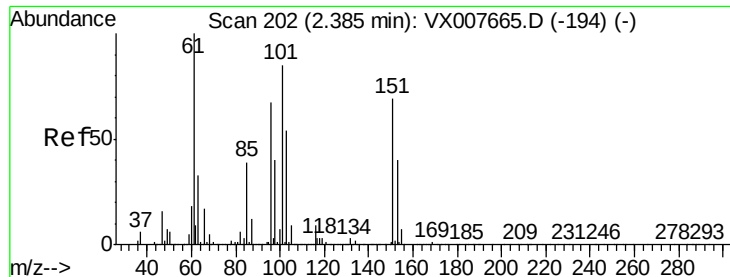
Tgt Ion: 101 Resp: 16604

Ion Ratio Lower Upper

101 100

103 61.7 52.6 79.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.855 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007783.D

Acq: 01 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382DL

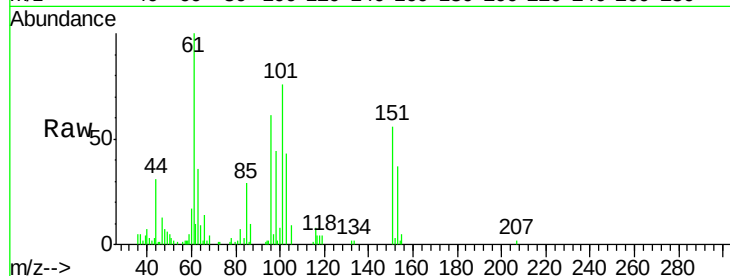
Tot Ion:101 Resp: 5753

Ion Ratio Lower Upper

101 100

85 43.0 34.1 51.1

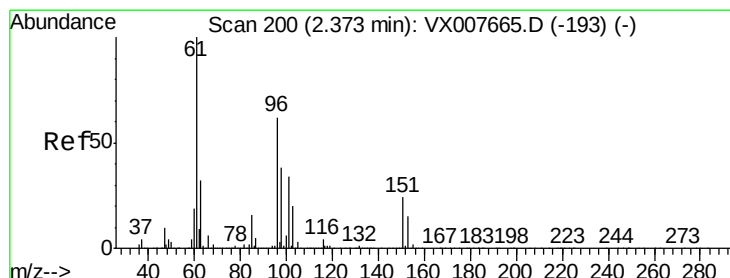
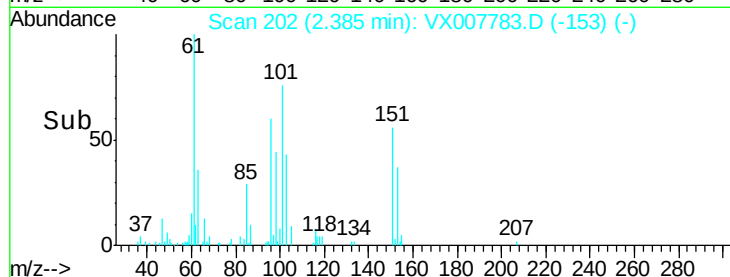
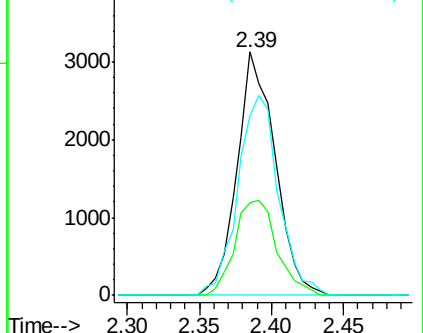
151 87.6 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 1.772 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007783.D

Acq: 01 Mar 2019 12:20

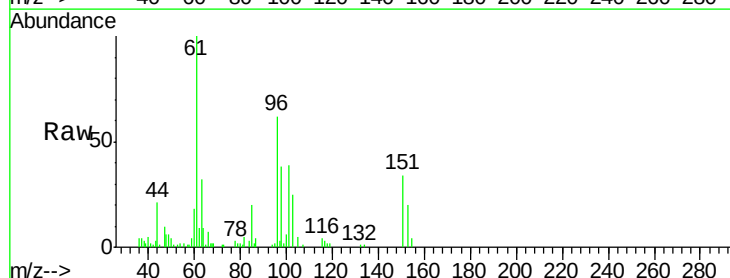
Tgt Ion: 96 Resp: 4954

Ion Ratio Lower Upper

96 100

61 161.1 123.0 184.4

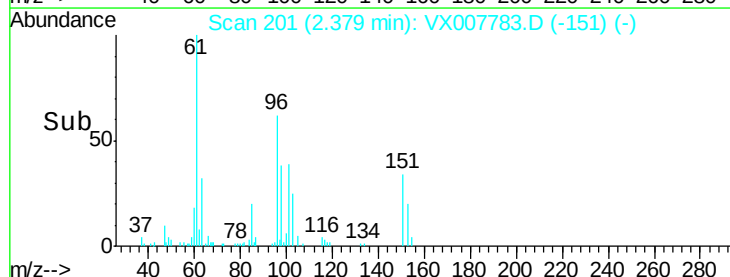
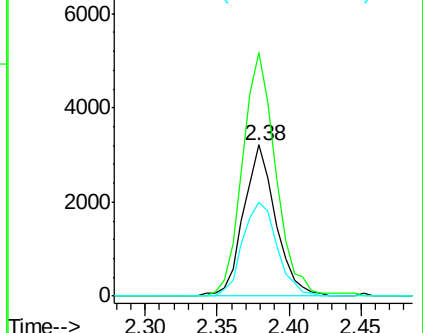
98 61.9 50.9 76.3

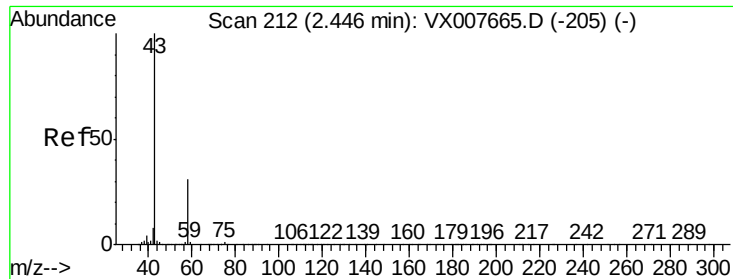


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 1.421 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007783.D

Acq: 01 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

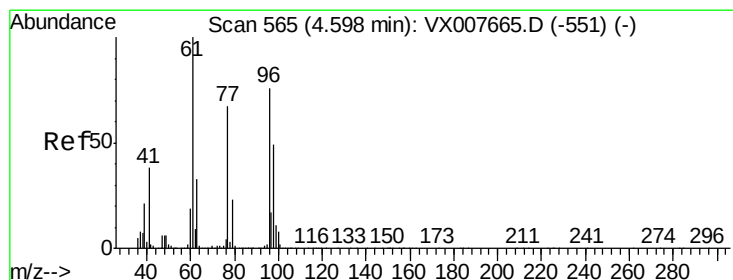
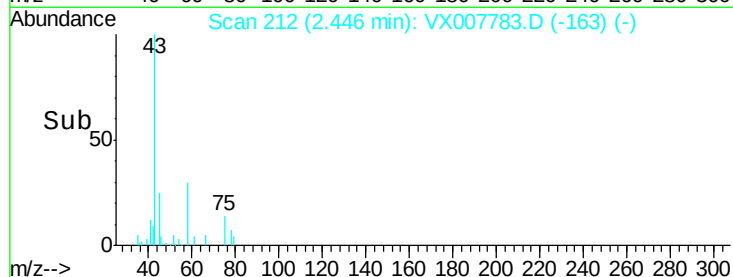
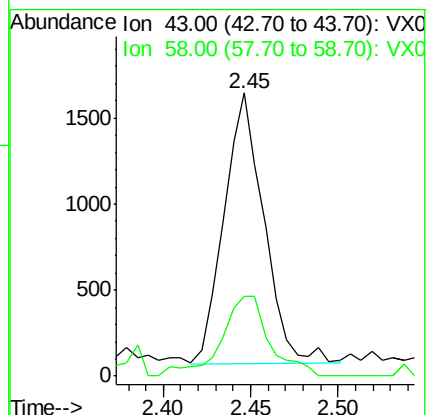
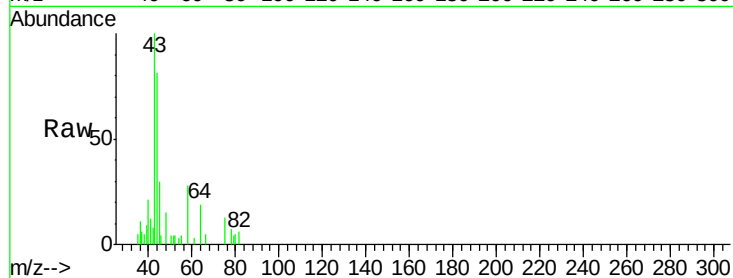
BP-VPB201-GW-380-382DL

Tot Ion: 43 Resp: 2501

Ion Ratio Lower Upper

43 100

58 29.6 24.9 37.3



#27

cis-1,2-Dichloroethene

Concen: 2.330 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX007783.D

Acq: 01 Mar 2019 12:20

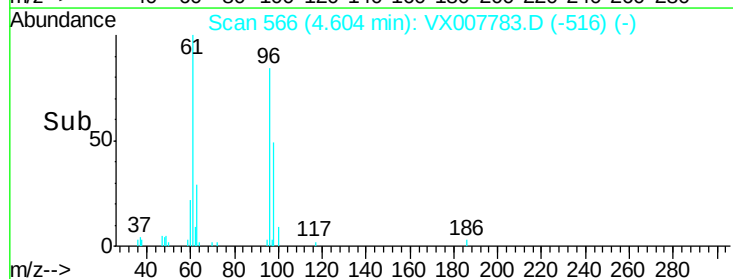
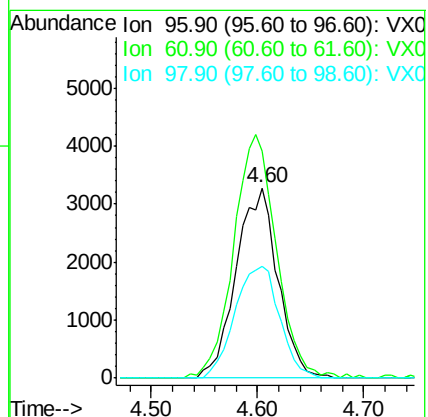
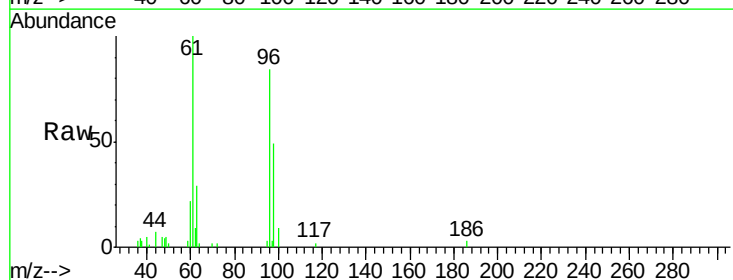
Tgt Ion: 96 Resp: 9012

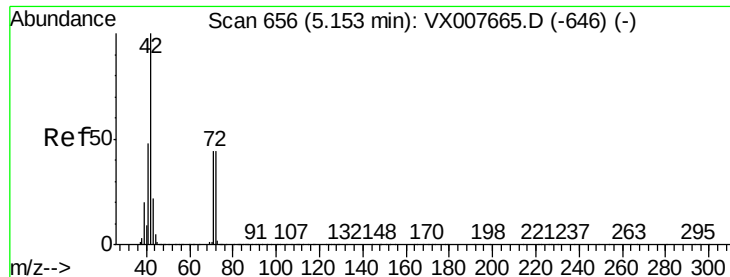
Ion Ratio Lower Upper

96 100

61 130.8 0.0 265.6

98 62.9 0.0 131.6





#29

Tetrahydrofuran

Concen: 1.026 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007783.D

Acq: 01 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382DL

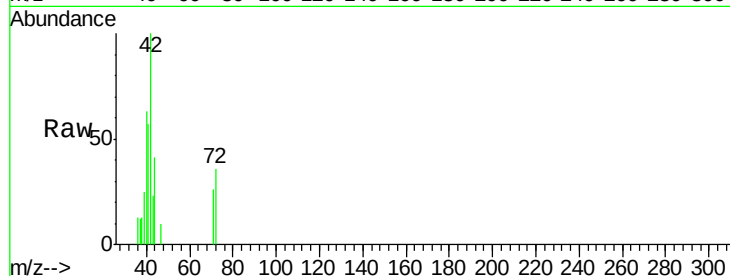
Tot Ion: 42 Resp: 1814

Ion Ratio Lower Upper

42 100

72 10.8 37.6 56.4#

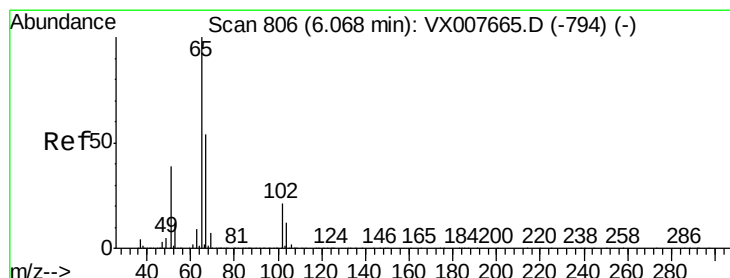
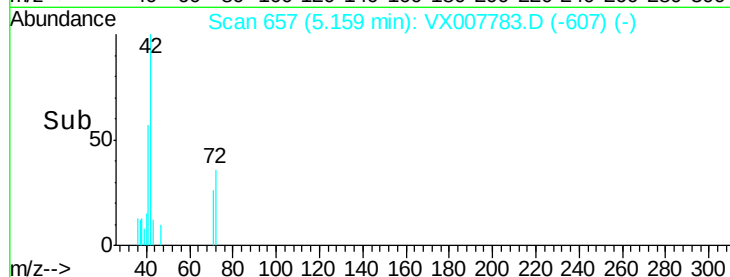
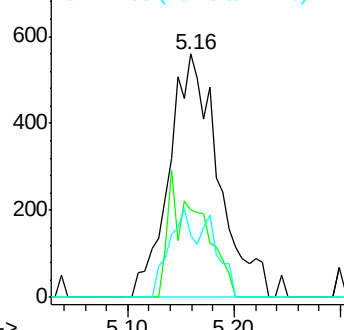
71 18.9 34.6 51.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.359 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007783.D

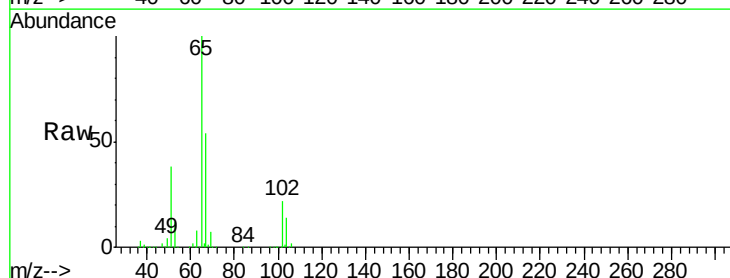
Acq: 01 Mar 2019 12:20

Tgt Ion: 65 Resp: 187501

Ion Ratio Lower Upper

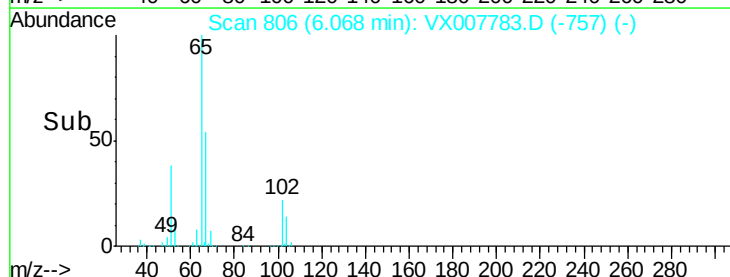
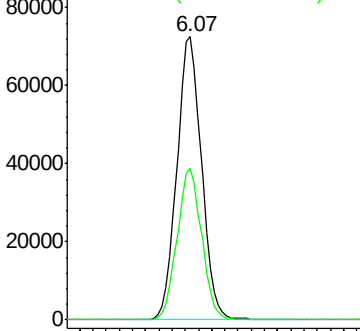
65 100

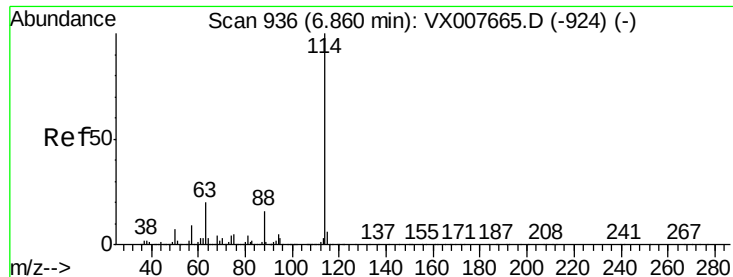
67 53.3 0.0 108.8



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: VX007783.D

Acq: 01 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382DL

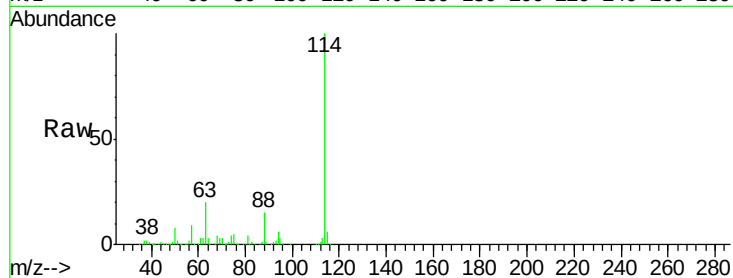
Tot Ion:114 Resp: 494662

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.6

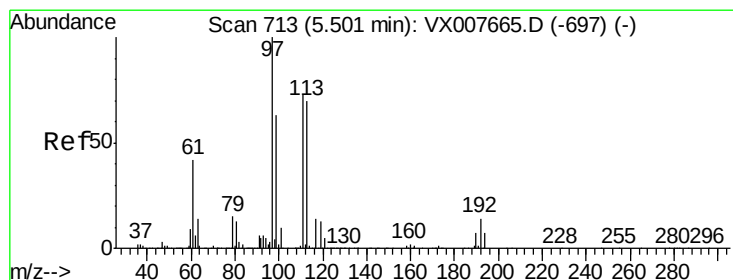
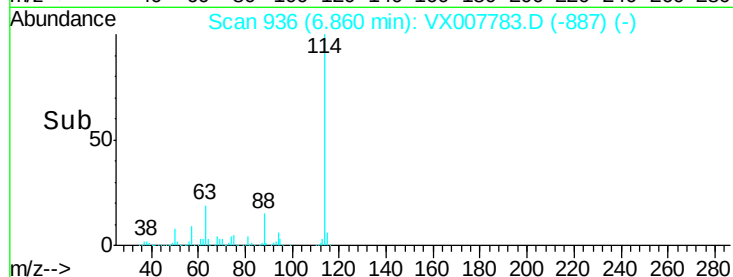
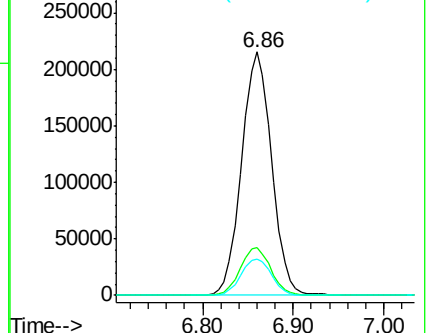
88 15.2 0.0 29.6



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: 48.566 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007783.D

Acq: 01 Mar 2019 12:20

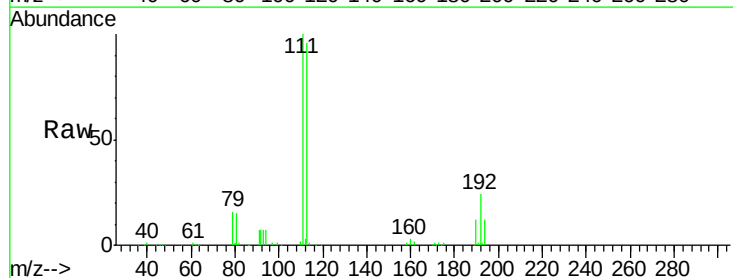
Tgt Ion:113 Resp: 160592

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

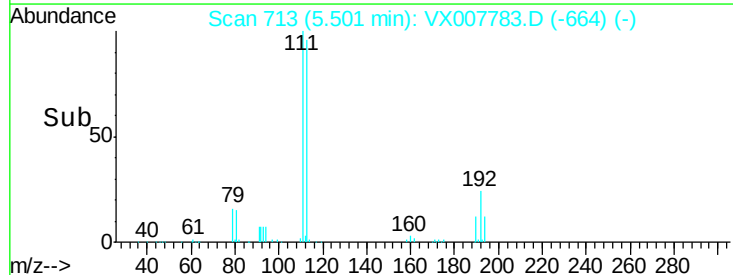
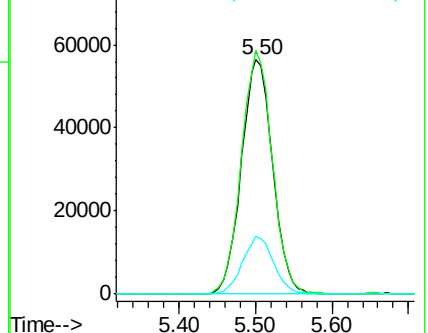
192 24.3 18.5 27.7

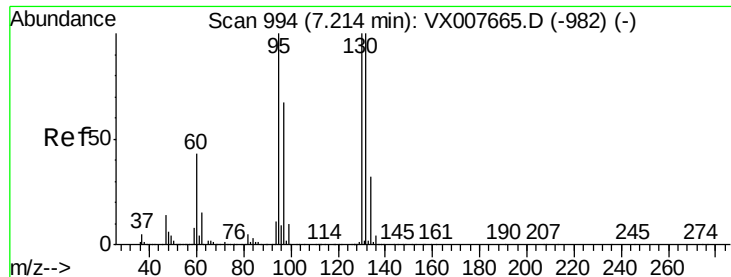


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 35.748 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007783.D

Acq: 01 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

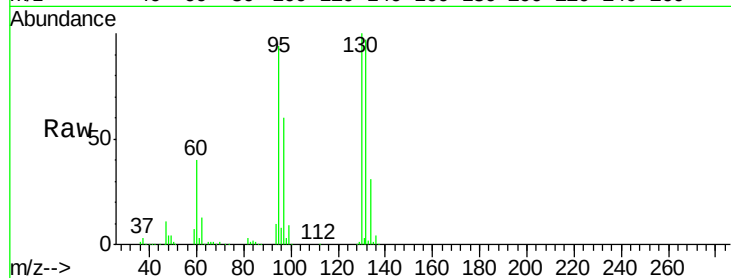
BP-VPB201-GW-380-382DL

Tot Ion:130 Resp: 135002

Ion Ratio Lower Upper

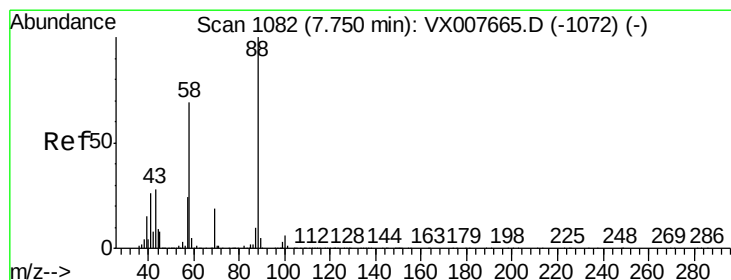
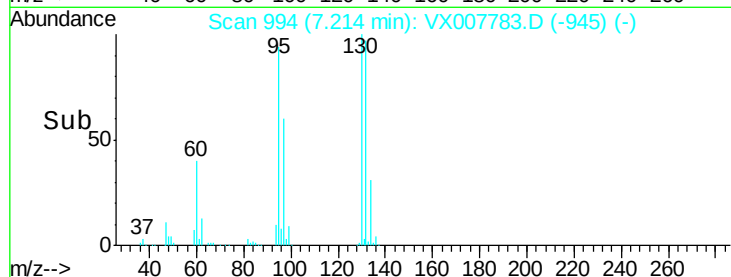
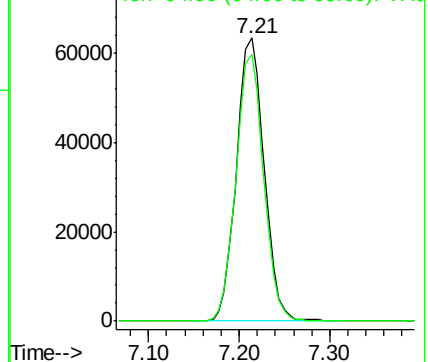
130 100

95 94.3 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 8.062 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX007783.D

Acq: 01 Mar 2019 12:20

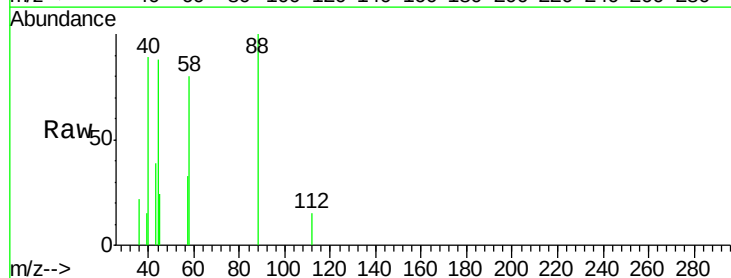
Tgt Ion: 88 Resp: 694

Ion Ratio Lower Upper

88 100

43 53.6 24.2 36.4#

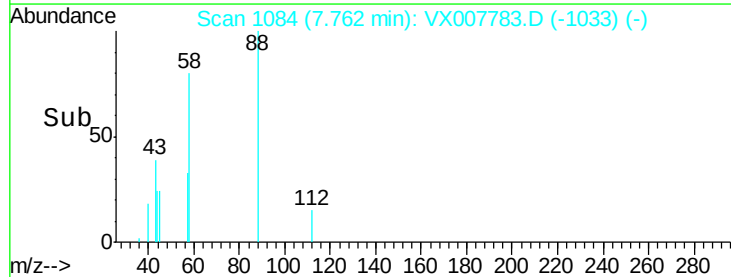
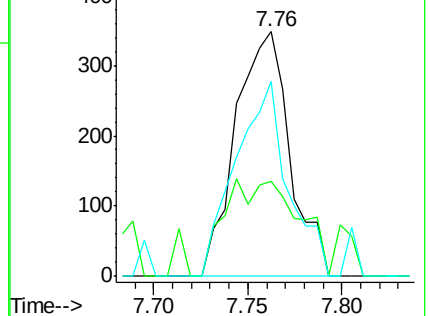
58 77.2 53.0 79.4

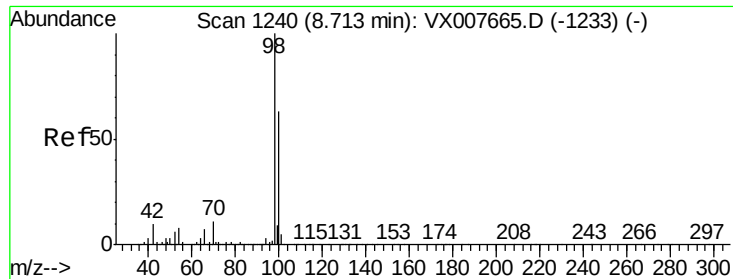


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

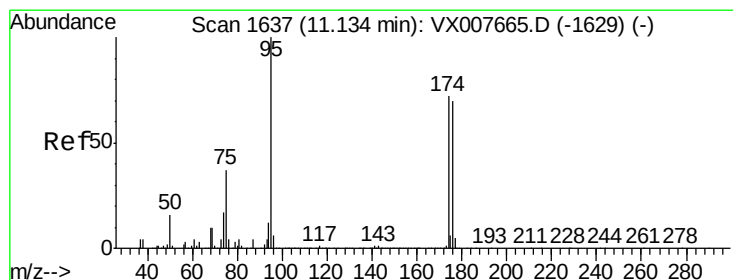
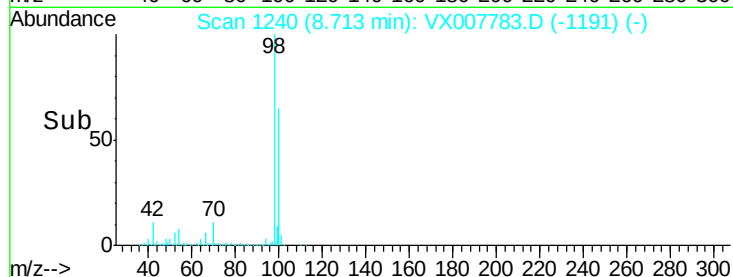
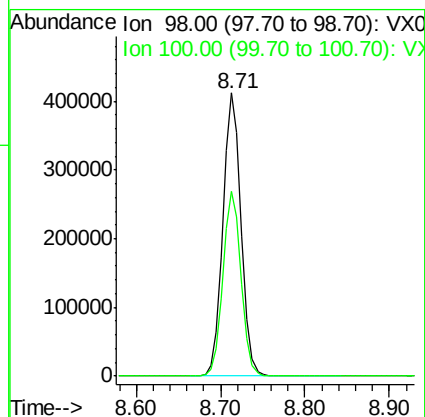
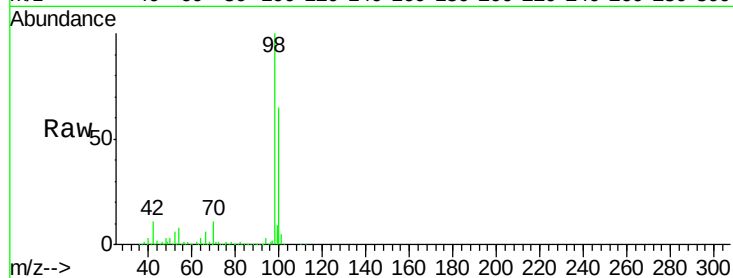




#50
Toluene-d8
Concen: 48.512 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007783.D
Acq: 01 Mar 2019 12:20

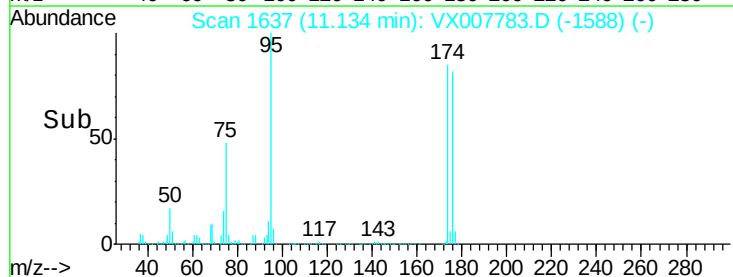
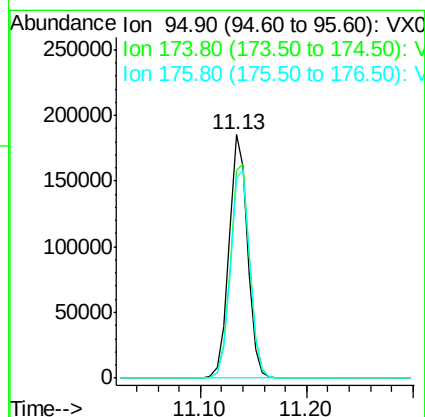
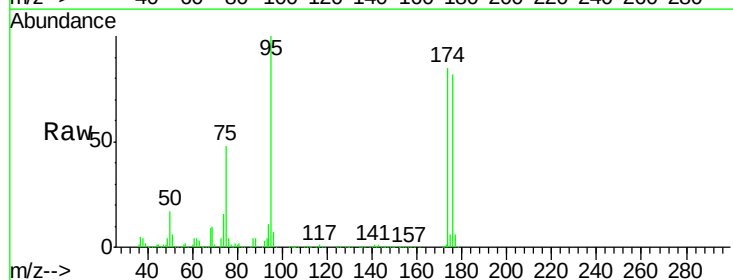
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-380-382DL

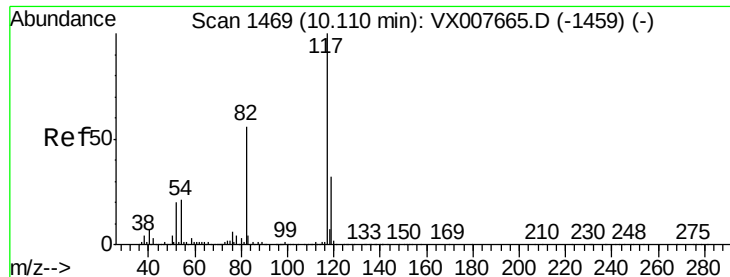
Tot Ion: 98 Resp: 614126
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 48.695 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007783.D
Acq: 01 Mar 2019 12:20

Tgt Ion: 95 Resp: 226254
Ion Ratio Lower Upper
95 100
174 92.1 0.0 189.2
176 89.3 0.0 186.2

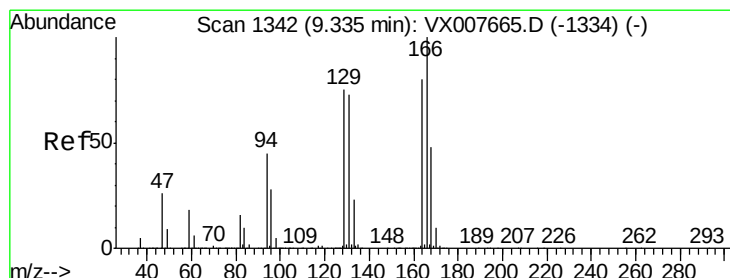
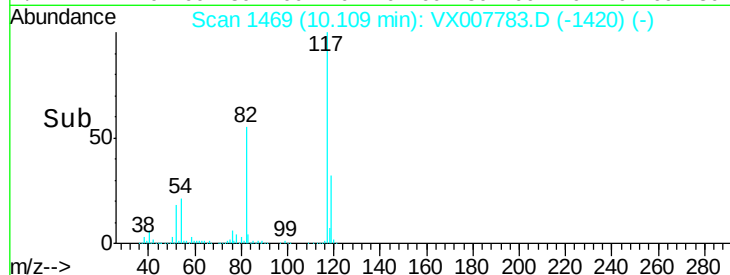
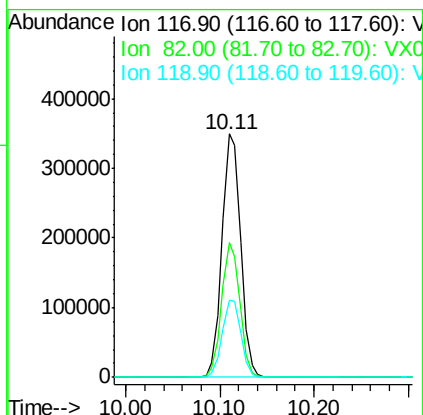
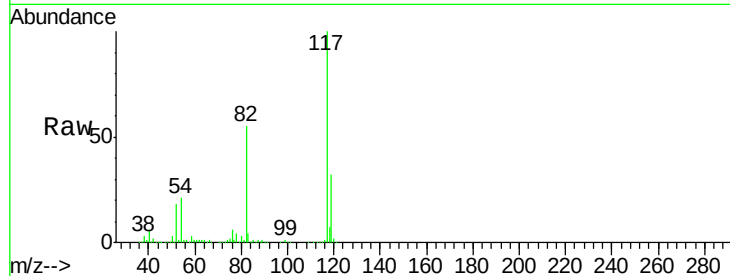




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007783.D
Acq: 01 Mar 2019 12:20

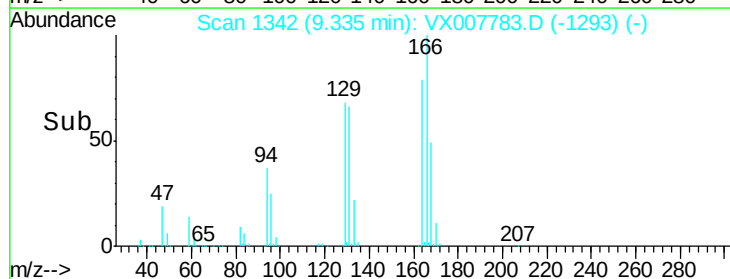
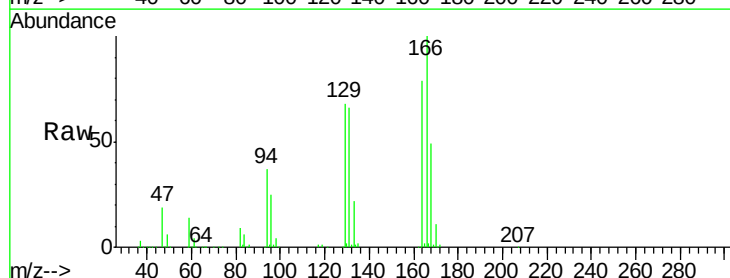
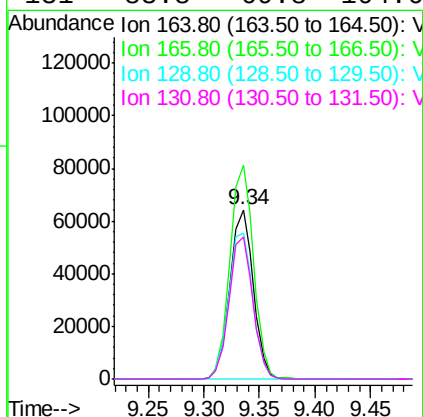
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-380-382DL

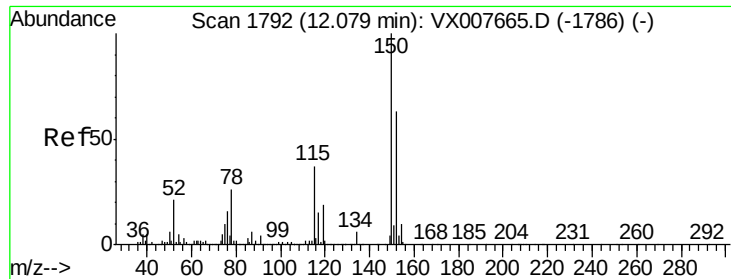
Tot Ion:117 Resp: 479296
Ion Ratio Lower Upper
117 100
82 55.2 42.1 63.1
119 31.9 26.5 39.7



#64
Tetrachloroethene
Concen: 24.171 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007783.D
Acq: 01 Mar 2019 12:20

Tgt Ion:164 Resp: 94051
Ion Ratio Lower Upper
164 100
166 126.0 101.0 151.4
129 86.1 70.5 105.7
131 83.8 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: VX007783.D

Acq: 01 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382DL

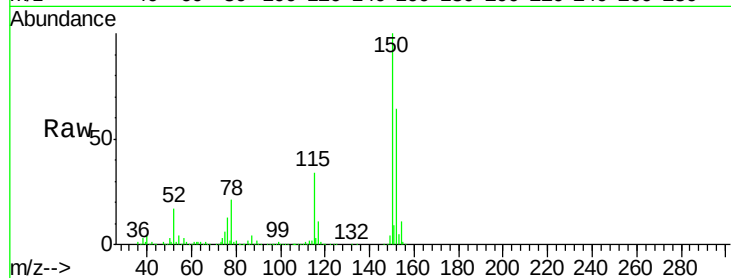
Tot Ion:152 Resp: 234587

Ion Ratio Lower Upper

152 100

115 54.9 38.0 114.0

150 155.9 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

