

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007774.D
 Acq On : 28 Feb 2019 18:39
 Operator : JC/SP
 Sample : K1641-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Mar 01 13:02:15 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	327121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	508736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	487930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233692	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	193647	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
35) Dibromofluoromethane	5.51	113	165290	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	8.71	98	626956	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.13	95	227331	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	

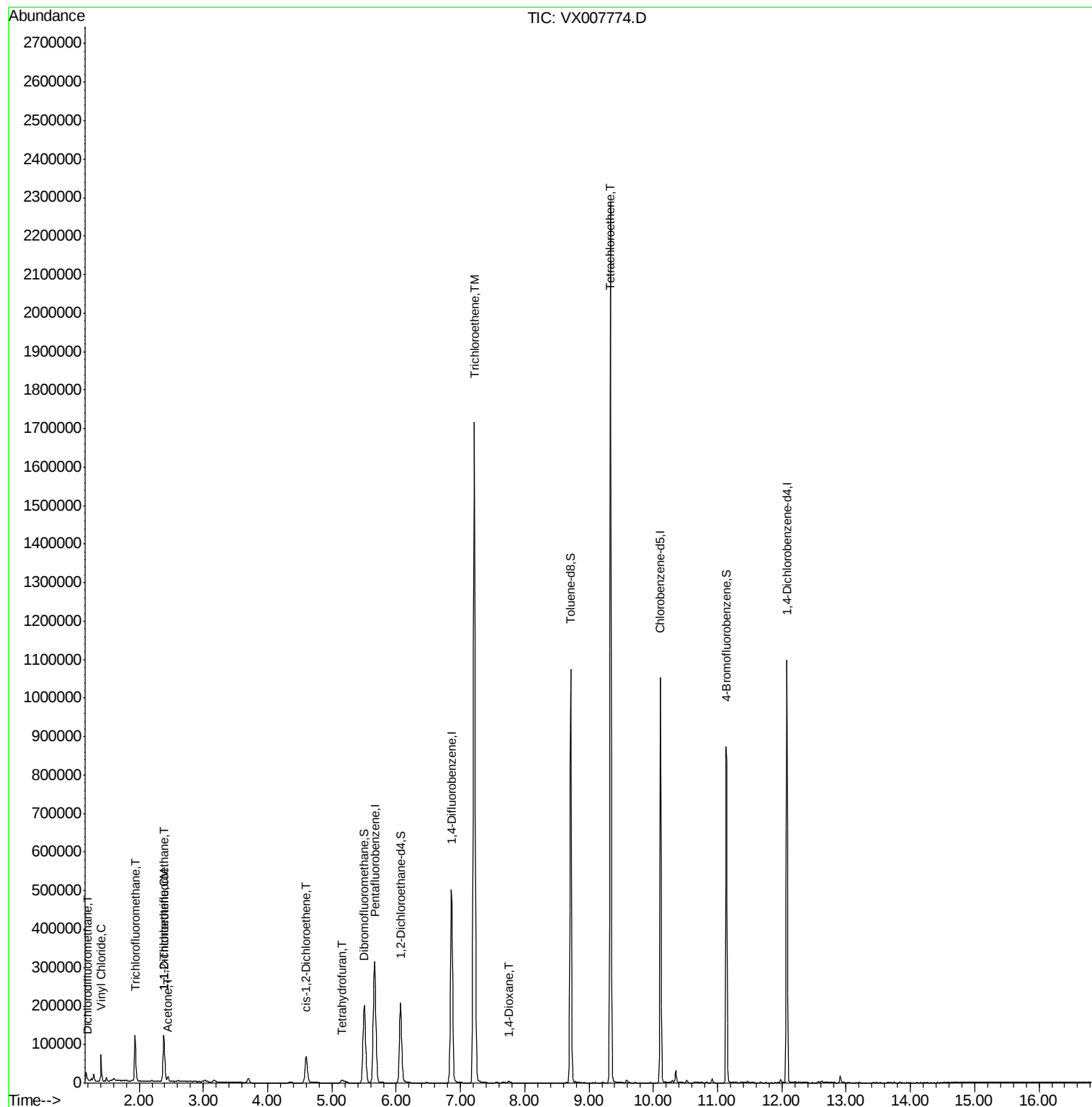
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	3088	1.025	ug/l	100
4) Vinyl Chloride	1.41	62	39398	11.500	ug/l	100
7) Trichlorofluoromethane	1.94	101	80714	15.368	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25453	8.018	ug/l	97
12) 1,1-Dichloroethene	2.38	96	23986	8.383	ug/l	90
16) Acetone	2.45	43	10750	5.966	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	44241	11.177	ug/l	97
29) Tetrahydrofuran	5.15	42	7058	3.901	ug/l #	88
44) Trichloroethene	7.21	130	676977	174.302	ug/l	95
49) 1,4-Dioxane	7.75	88	3088	34.882	ug/l #	90
64) Tetrachloroethene	9.34	164	460509	116.258	ug/l	98

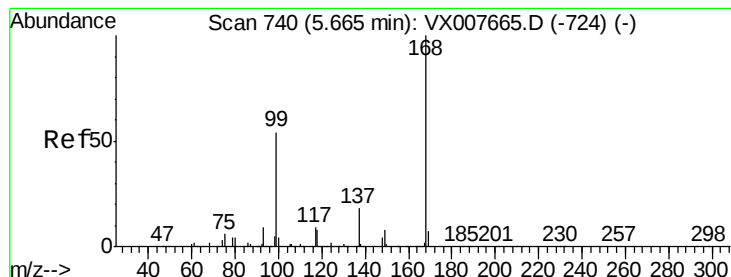
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022819\
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Quant Time: Mar 01 13:02:15 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: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

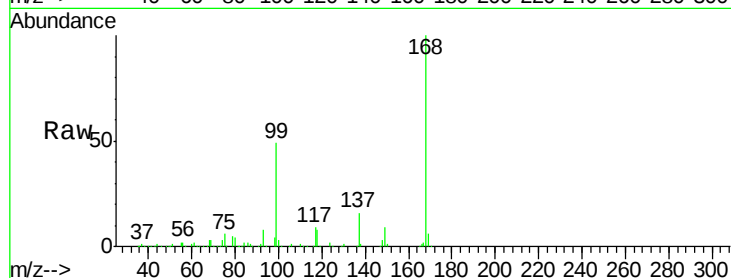
BP-VPB201-GW-380-382

Tot Ion:168 Resp: 327121

Ion Ratio Lower Upper

168 100

99 48.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

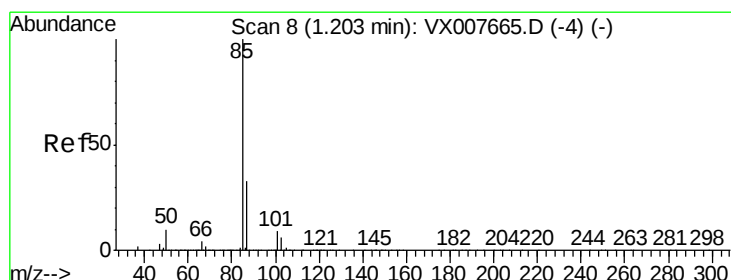
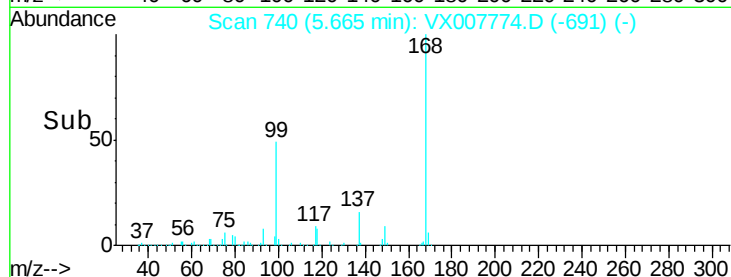
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.025 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007774.D

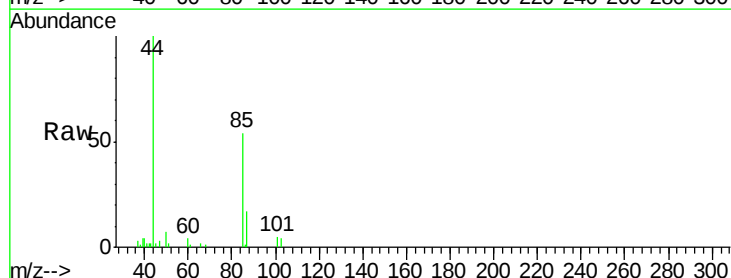
Acq: 28 Feb 2019 18:39

Tgt Ion: 85 Resp: 3088

Ion Ratio Lower Upper

85 100

87 31.4 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

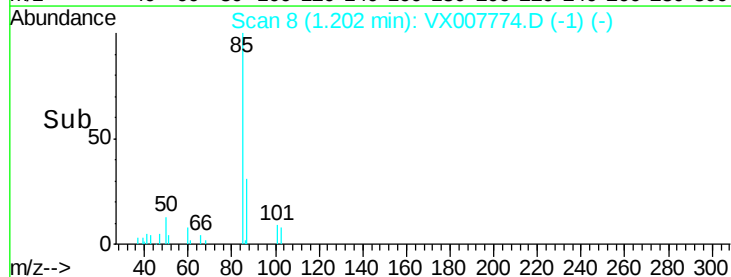
3000

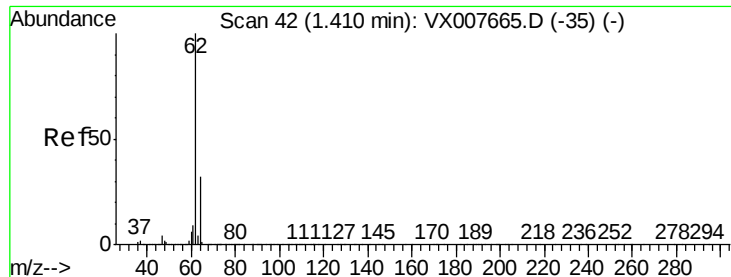
2000

1000

0

Time-->





#4

Vinyl Chloride

Concen: 11.500 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

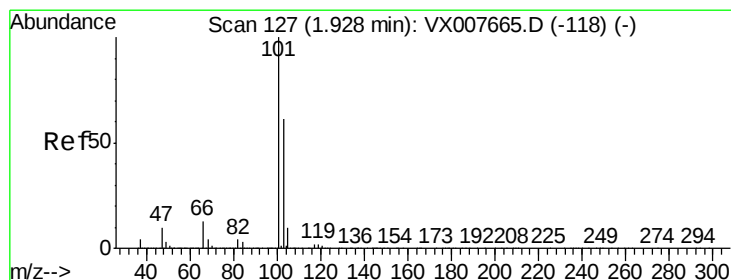
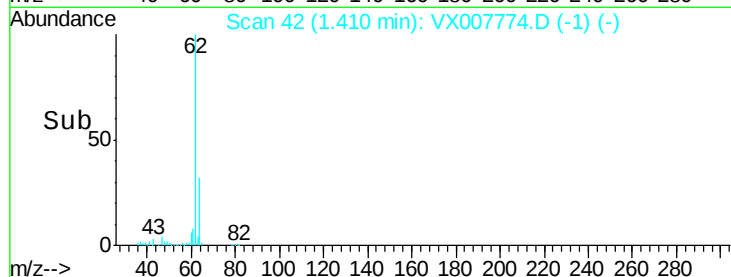
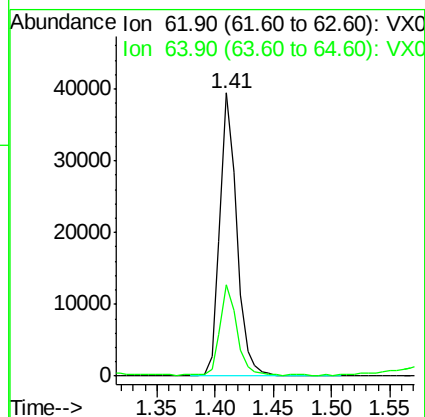
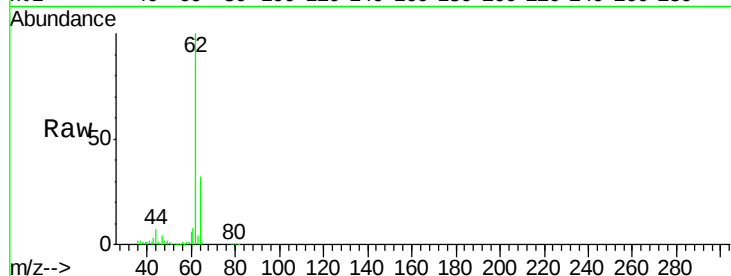
BP-VPB201-GW-380-382

Tot Ion: 62 Resp: 39398

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0



#7

Trichlorofluoromethane

Concen: 15.368 ug/l

RT: 1.94 min Scan# 129

Delta R.T. 0.01 min

Lab File: VX007774.D

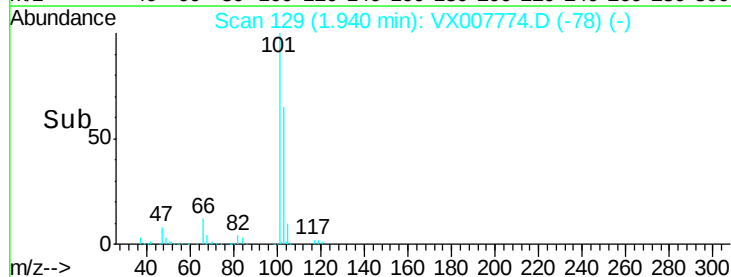
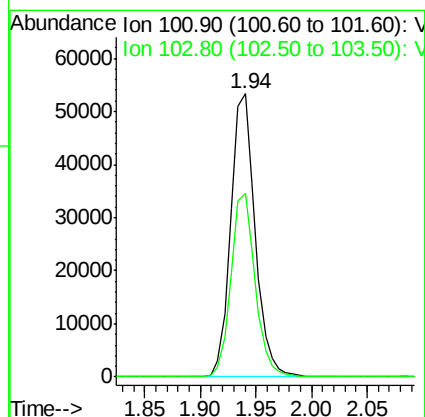
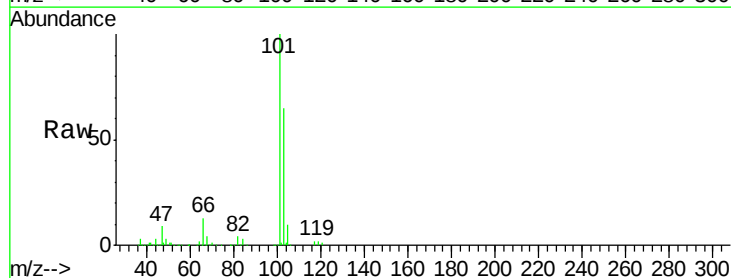
Acq: 28 Feb 2019 18:39

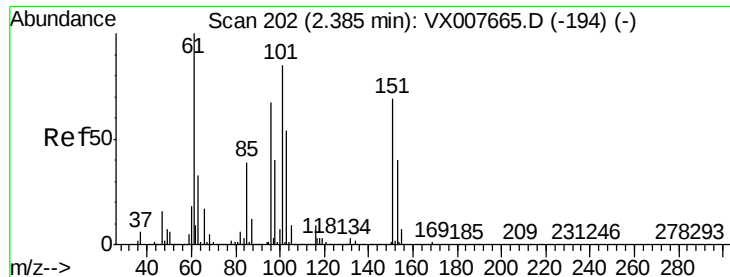
Tgt Ion: 101 Resp: 80714

Ion Ratio Lower Upper

101 100

103 65.0 52.6 79.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.018 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382

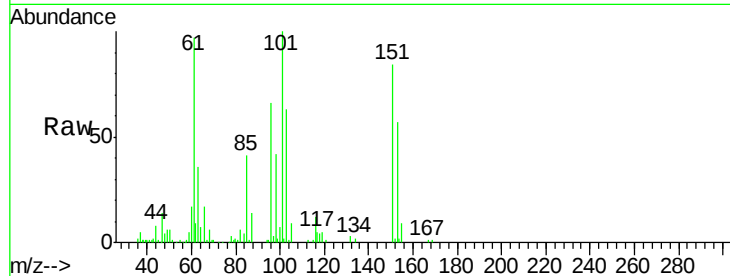
Tot Ion:101 Resp: 25453

Ion Ratio Lower Upper

101 100

85 42.8 34.1 51.1

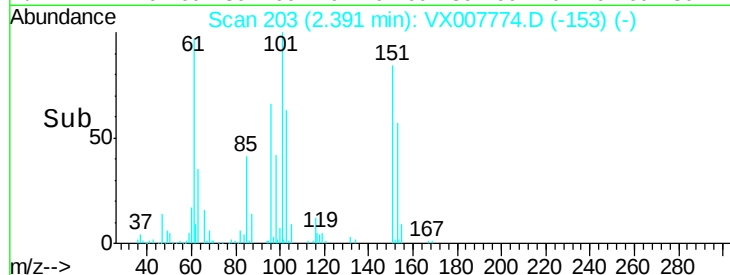
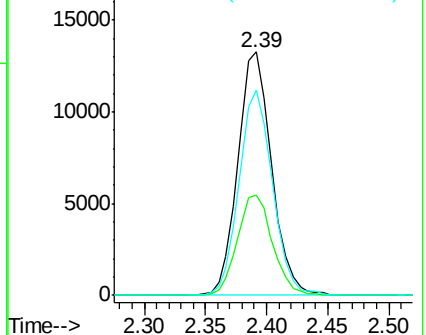
151 83.8 69.9 104.9



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: 8.383 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

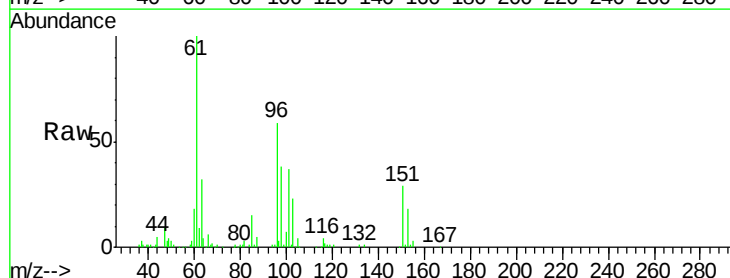
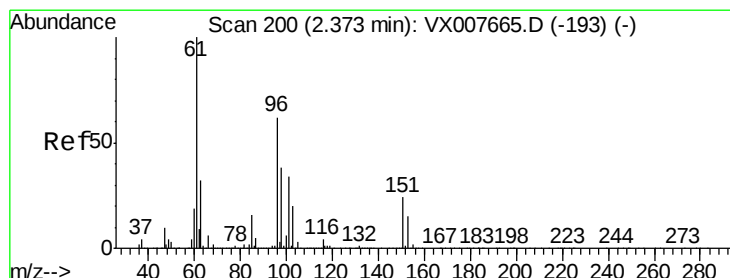
Tgt Ion: 96 Resp: 23986

Ion Ratio Lower Upper

96 100

61 170.6 123.0 184.4

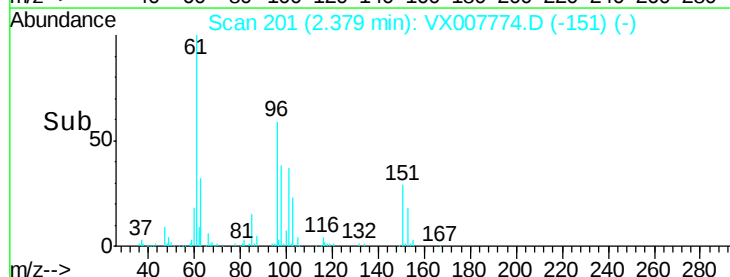
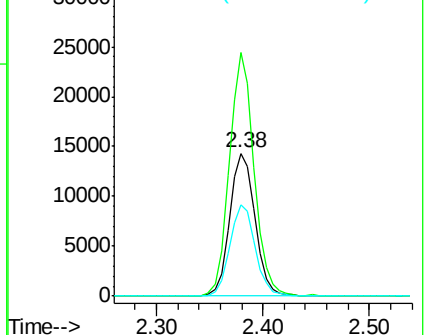
98 64.3 50.9 76.3

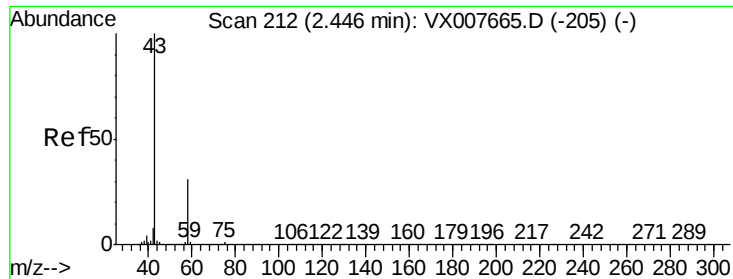


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 5.966 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

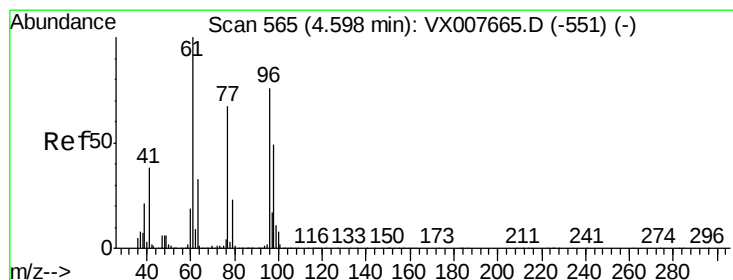
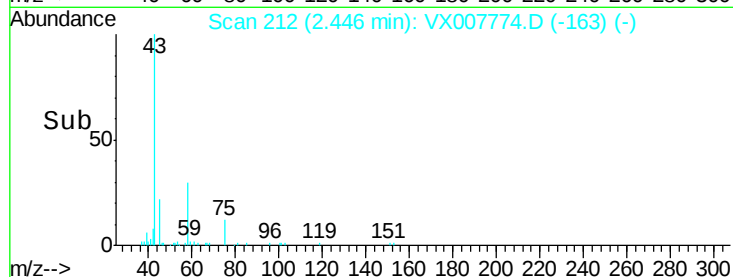
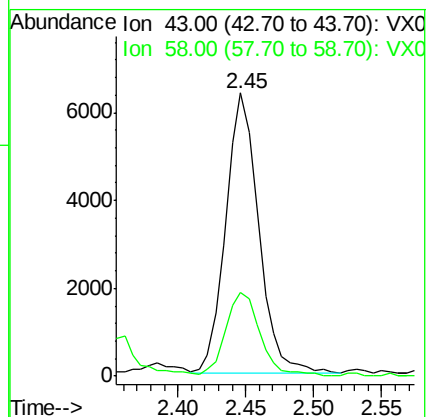
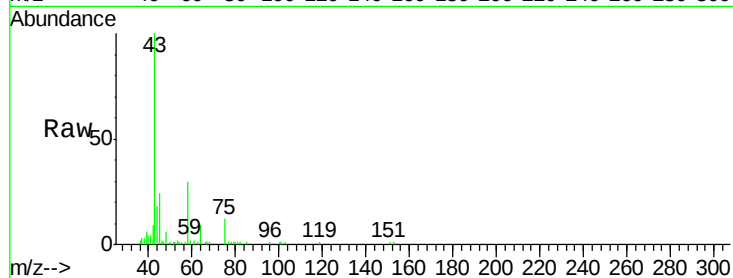
BP-VPB201-GW-380-382

Tot Ion: 43 Resp: 10750

Ion Ratio Lower Upper

43 100

58 30.1 24.9 37.3



#27

cis-1,2-Dichloroethene

Concen: 11.177 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

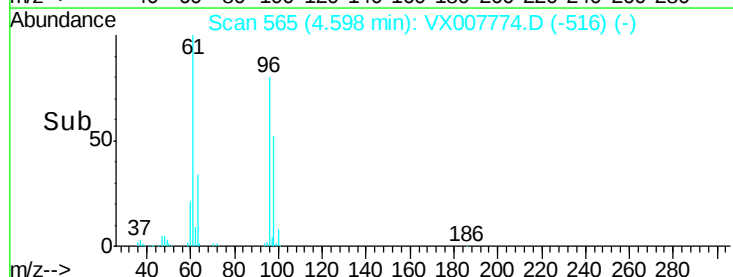
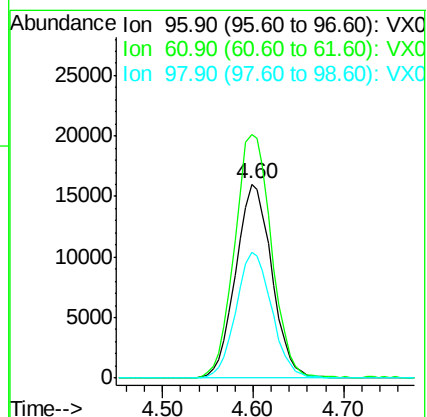
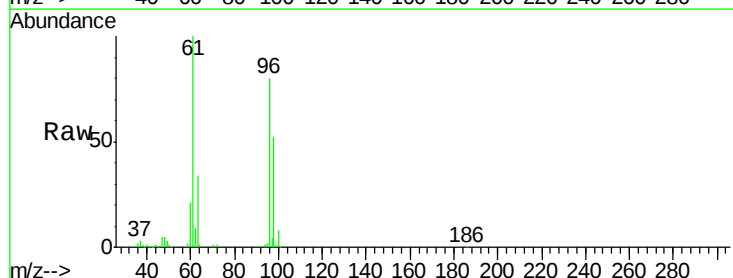
Tgt Ion: 96 Resp: 44241

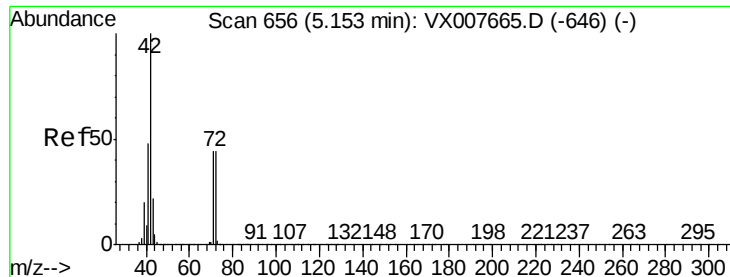
Ion Ratio Lower Upper

96 100

61 128.4 0.0 265.6

98 64.4 0.0 131.6





#29

Tetrahydrofuran

Concen: 3.901 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382

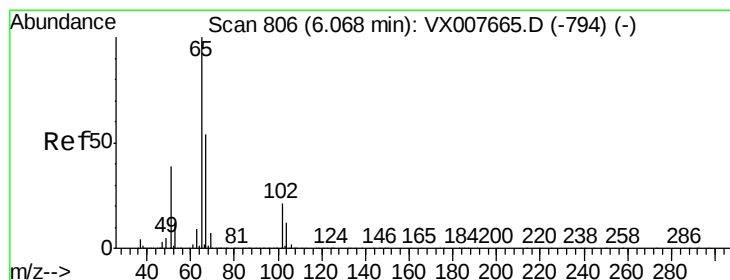
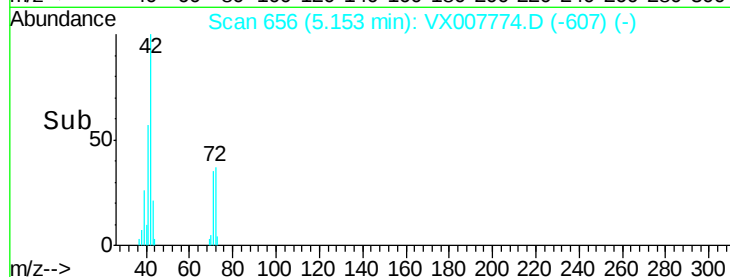
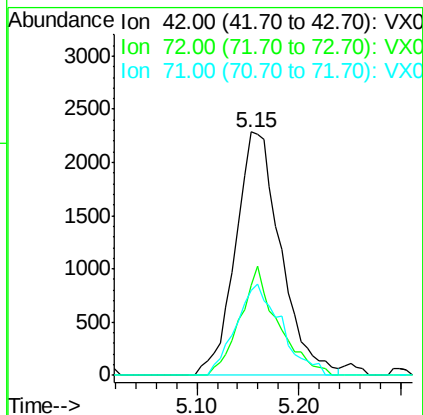
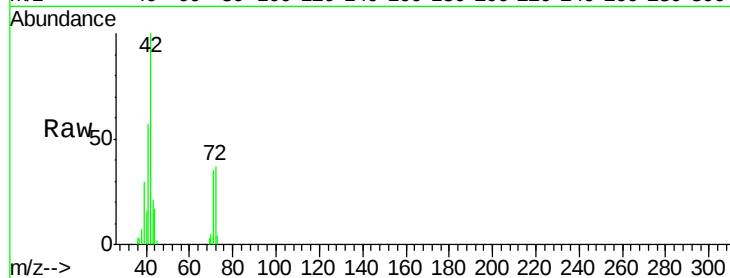
Tot Ion: 42 Resp: 7058

Ion Ratio Lower Upper

42 100

72 37.3 37.6 56.4#

71 37.4 34.6 51.8



#33

1,2-Dichloroethane-d4

Concen: 47.791 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007774.D

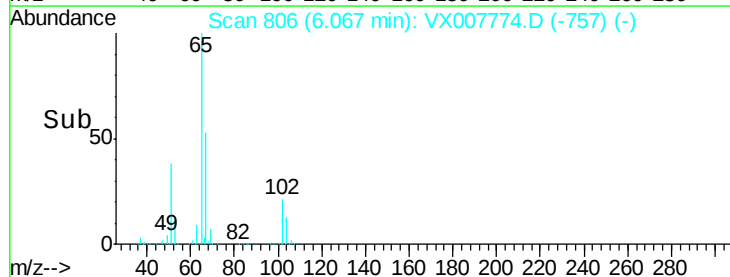
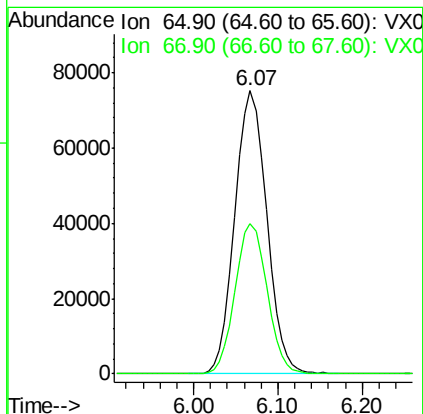
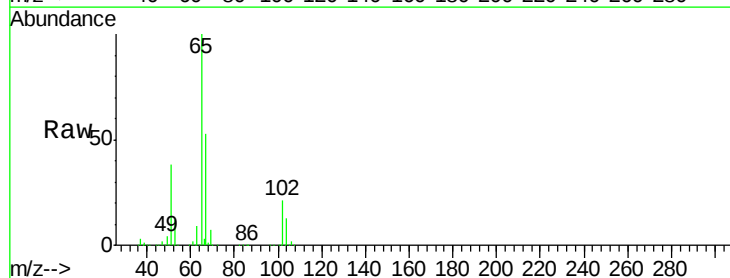
Acq: 28 Feb 2019 18:39

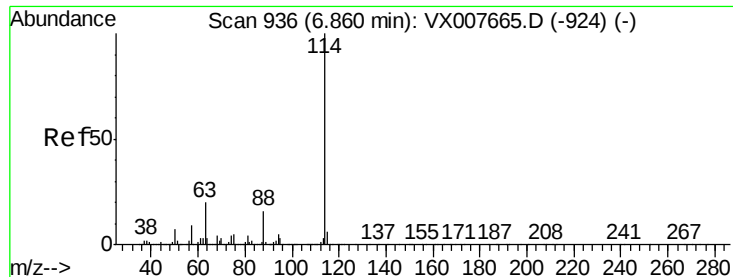
Tgt Ion: 65 Resp: 193647

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382

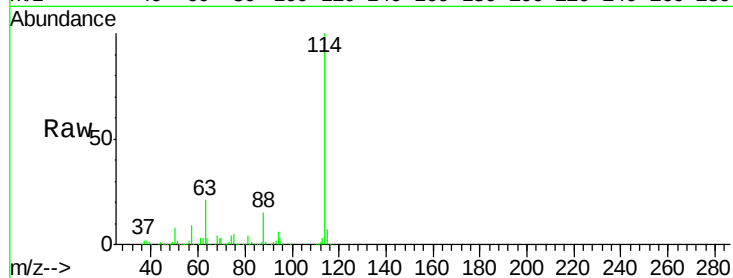
Tot Ion:114 Resp: 508736

Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.6

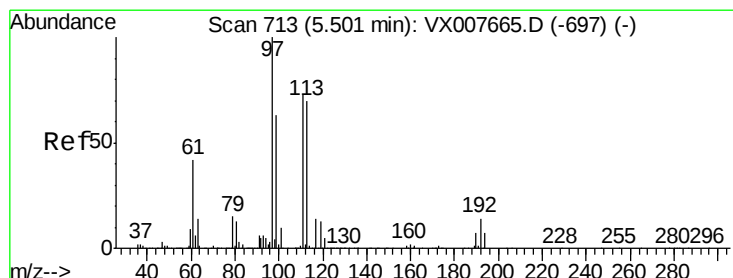
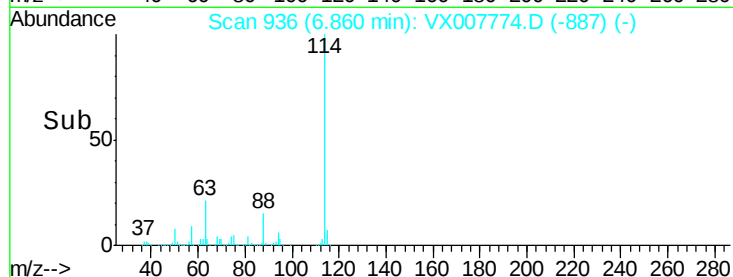
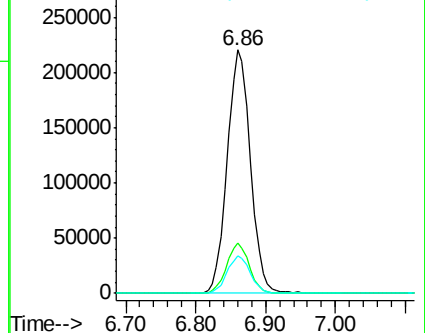
88 15.4 0.0 29.6



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: 48.604 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

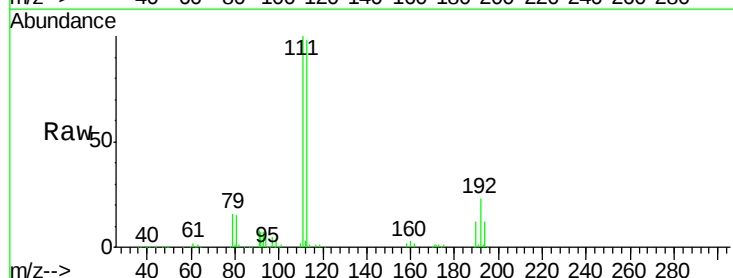
Tgt Ion:113 Resp: 165290

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

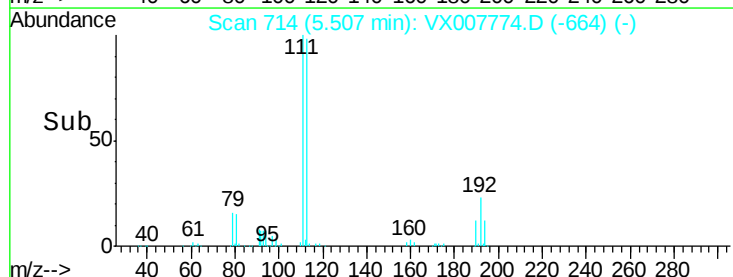
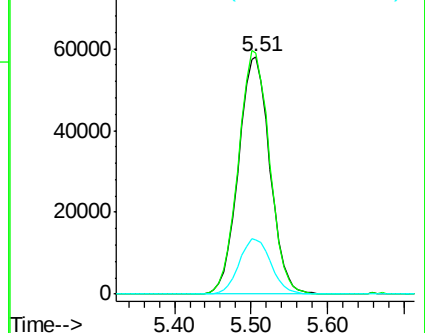
192 23.7 18.5 27.7

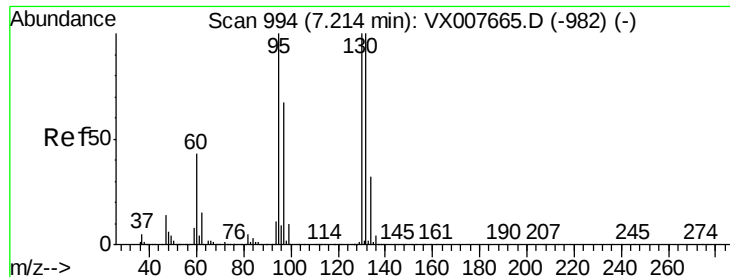


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 174.302 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

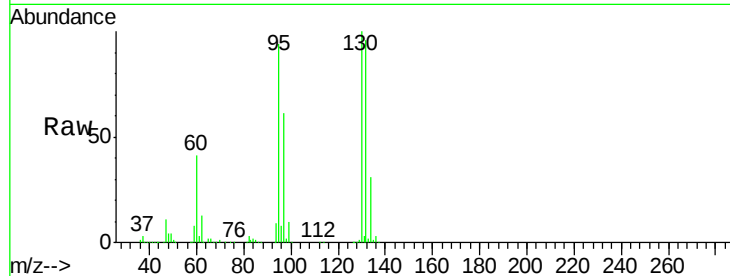
BP-VPB201-GW-380-382

Tot Ion:130 Resp: 676977

Ion Ratio Lower Upper

130 100

95 94.4 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

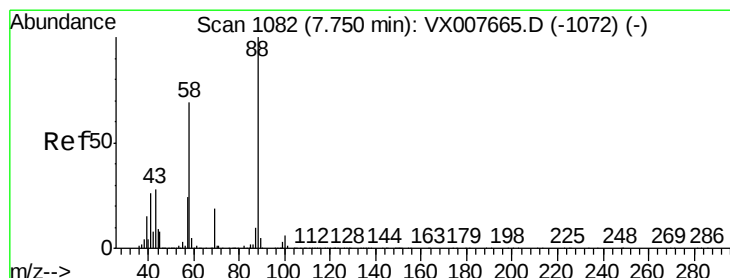
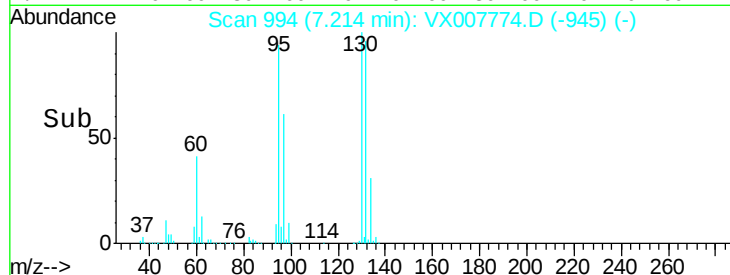
300000

200000

100000

0

Time-->



#49

1,4-Dioxane

Concen: 34.882 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

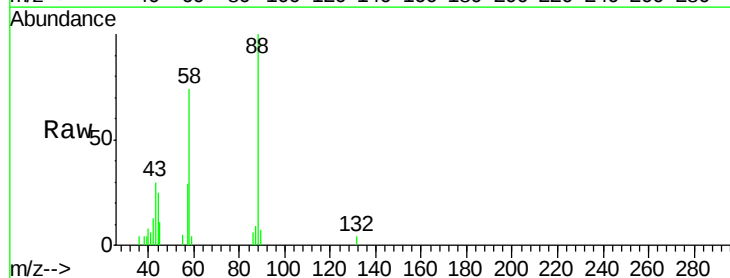
Tgt Ion: 88 Resp: 3088

Ion Ratio Lower Upper

88 100

43 38.3 24.2 36.4#

58 72.6 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

2000

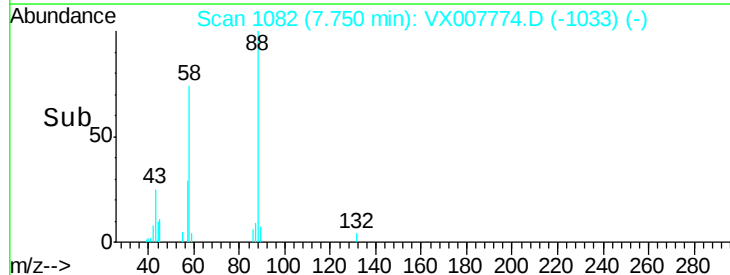
1500

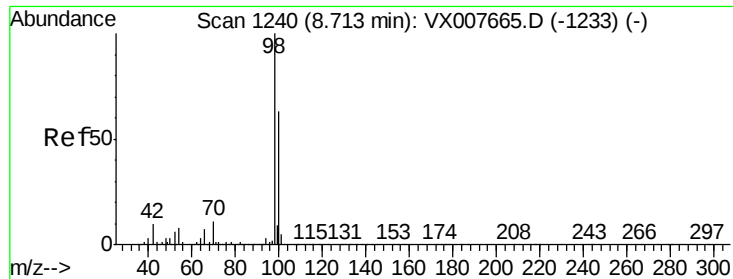
1000

500

0

Time-->

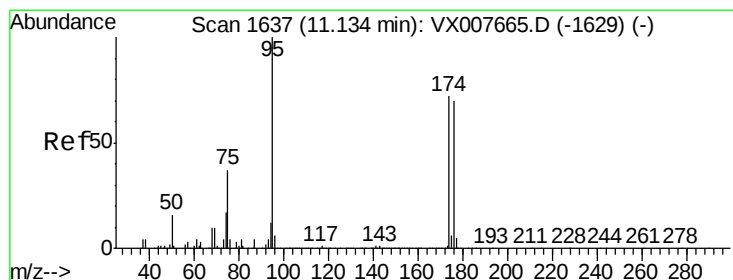
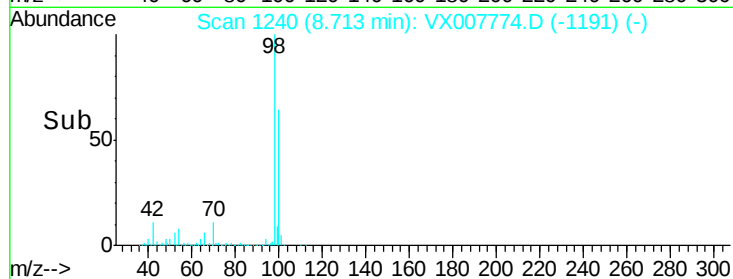
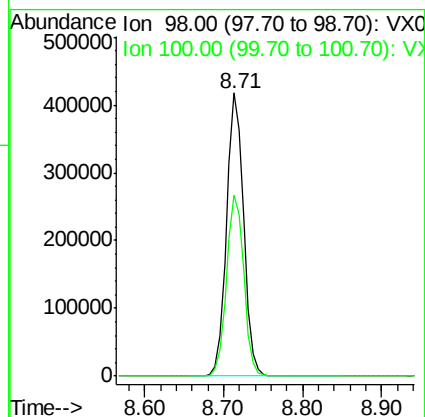
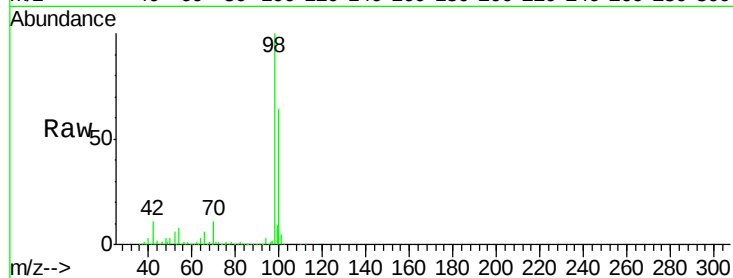




#50
Toluene-d8
Concen: 48.156 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007774.D
Acq: 28 Feb 2019 18:39

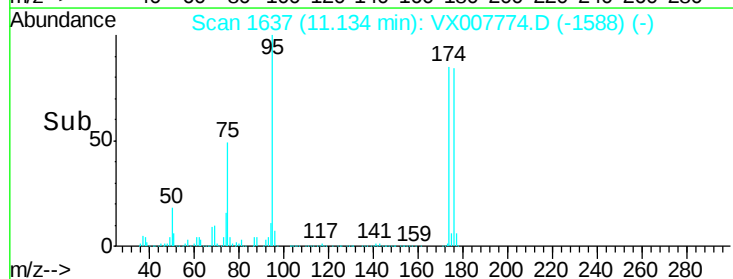
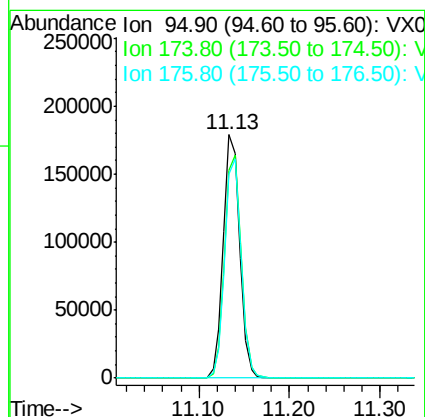
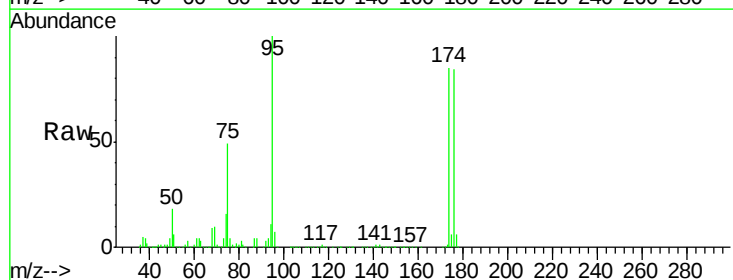
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-380-382

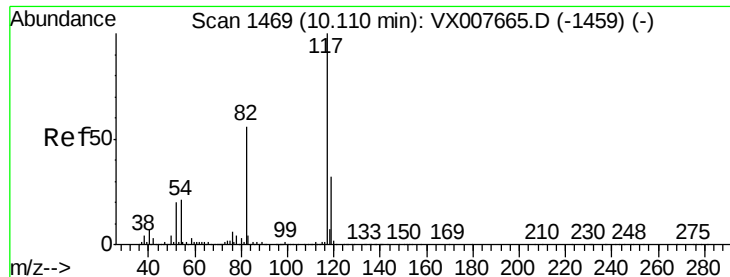
Tot Ion: 98 Resp: 626956
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.573 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007774.D
Acq: 28 Feb 2019 18:39

Tgt Ion: 95 Resp: 227331
Ion Ratio Lower Upper
95 100
174 92.4 0.0 189.2
176 89.9 0.0 186.2

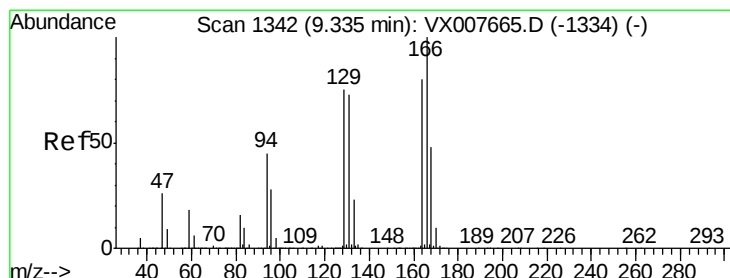
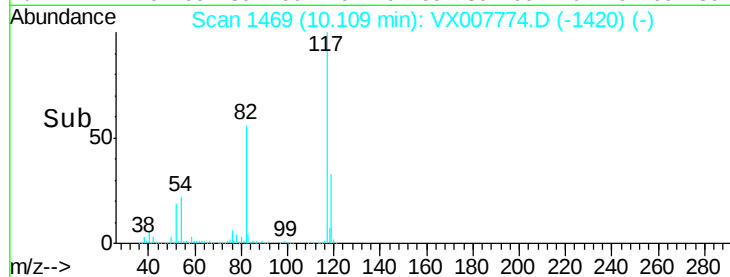
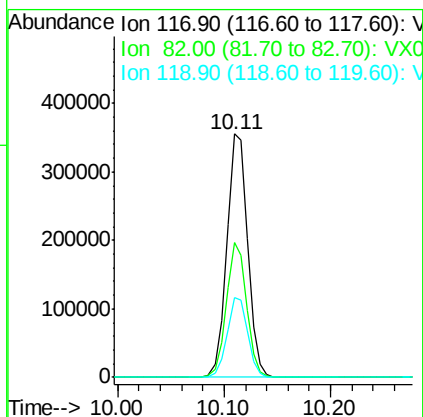
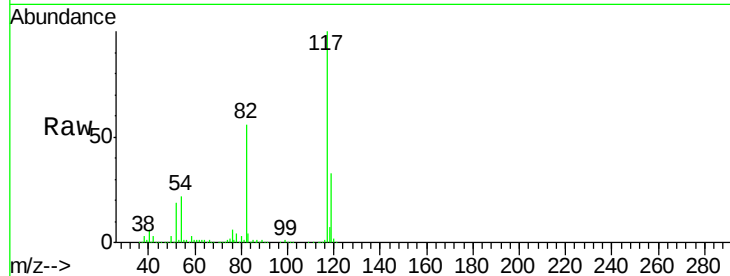




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007774.D
Acq: 28 Feb 2019 18:39

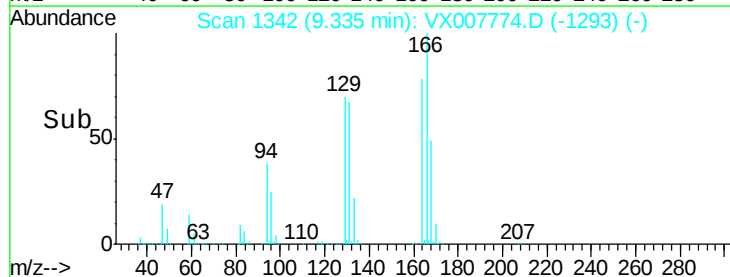
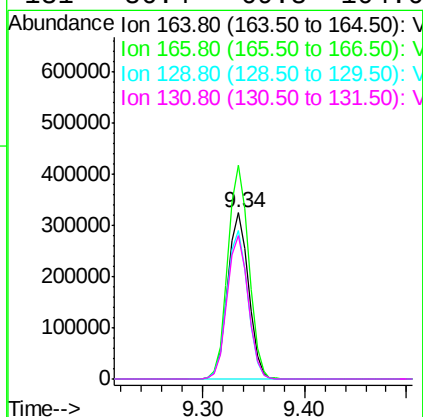
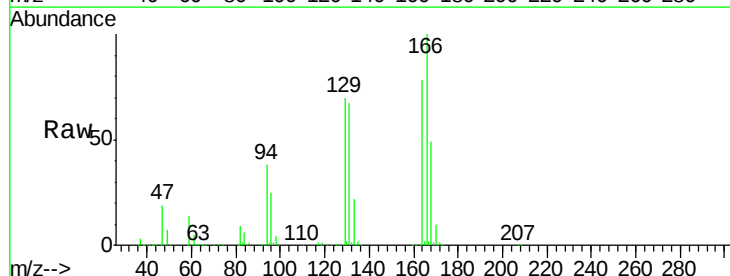
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-380-382

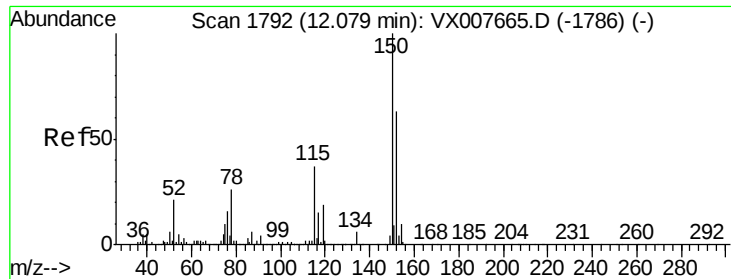
Tot Ion:117 Resp: 487930
Ion Ratio Lower Upper
117 100
82 55.5 42.1 63.1
119 32.6 26.5 39.7



#64
Tetrachloroethene
Concen: 116.258 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007774.D
Acq: 28 Feb 2019 18:39

Tgt Ion:164 Resp: 460509
Ion Ratio Lower Upper
164 100
166 128.6 101.0 151.4
129 89.6 70.5 105.7
131 86.4 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: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382

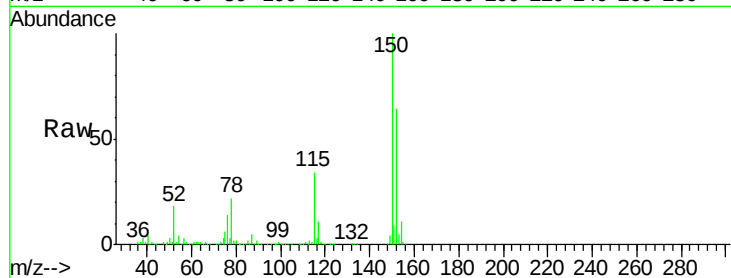
Tot Ion:152 Resp: 233692

Ion Ratio Lower Upper

152 100

115 55.1 38.0 114.0

150 157.1 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

