

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017704.D
 Acq On : 31 Jul 2020 16:15
 Operator : JC/SP
 Sample : L3526-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-153-155

Quant Time: Aug 01 03:56:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	461328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	786584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	842194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	481531	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	328030	55.35	ug/l	0.00
Spiked Amount			Recovery	=	110.70%	
35) Dibromofluoromethane	5.47	113	270128	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
50) Toluene-d8	8.70	98	976037	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.12	95	446046	58.73	ug/l	0.00
Spiked Amount			Recovery	=	117.46%	

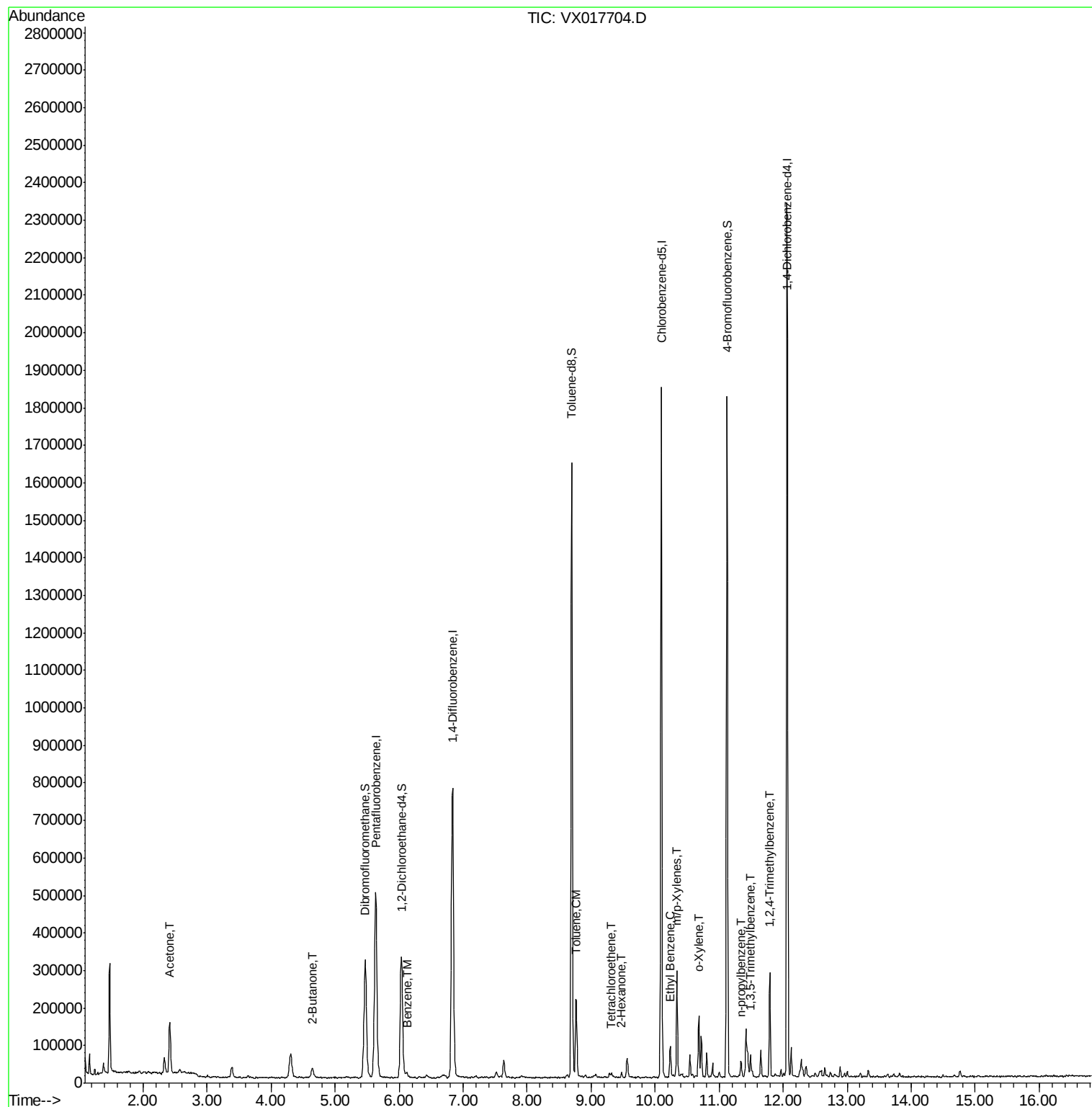
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	147458	56.536	ug/l	97
25) 2-Butanone	4.65	43	46335	12.505	ug/l	99
40) Benzene	6.12	78	15835	0.732	ug/l	96
52) Toluene	8.77	92	77510	5.588	ug/l	96
59) 2-Hexanone	9.48	43	8313	1.359	ug/l	94
64) Tetrachloroethene	9.32	164	2299	0.304	ug/l #	81
67) Ethyl Benzene	10.24	91	46049	1.513	ug/l	93
68) m/p-Xylenes	10.34	106	63963	5.426	ug/l	98
69) o-Xylene	10.68	106	35214	3.106	ug/l	94
78) n-propylbenzene	11.34	91	20558	0.552	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	25216	0.894	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	113963	4.062	ug/l	99

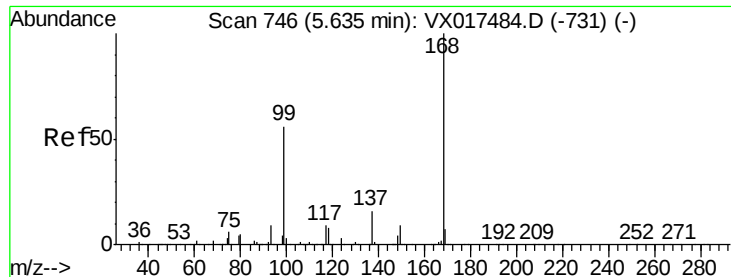
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073120\
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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

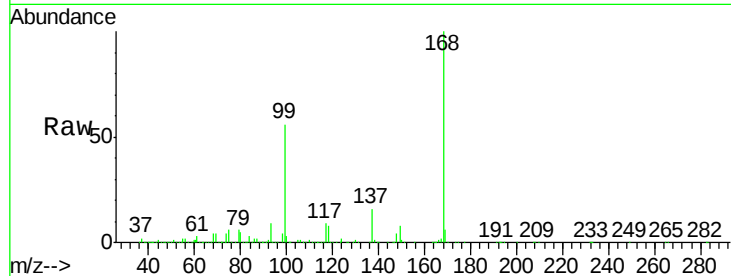
BP-VPB179-GW-153-155

Tot Ion:168 Resp: 461328

Ion Ratio Lower Upper

168 100

99 55.9 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

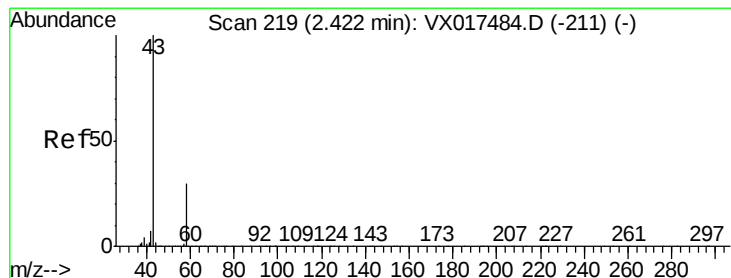
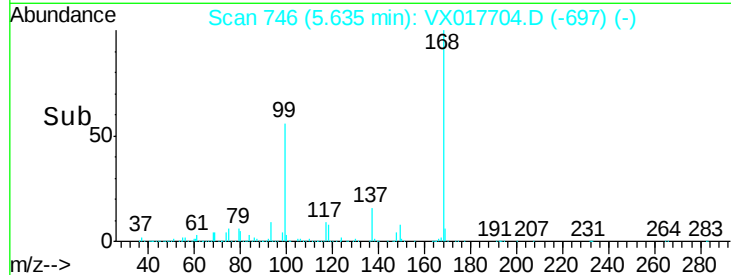
100000

50000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 56.536 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017704.D

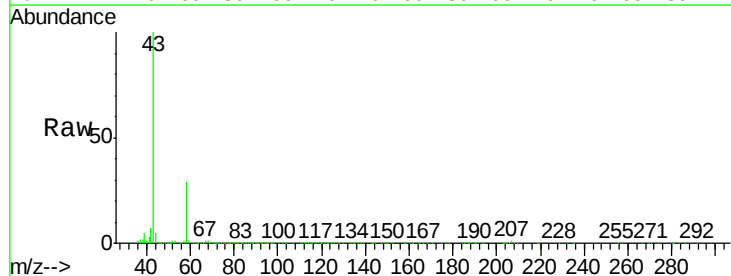
Acq: 31 Jul 2020 16:15

Tgt Ion: 43 Resp: 147458

Ion Ratio Lower Upper

43 100

58 28.6 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

100000

80000

60000

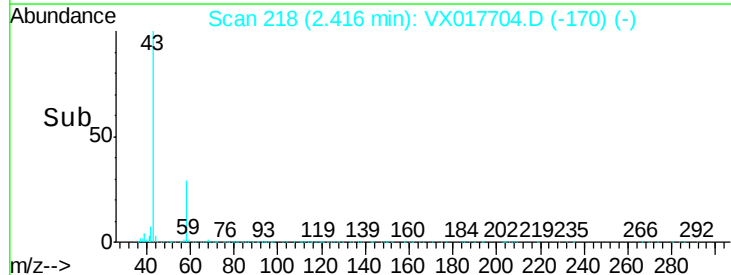
40000

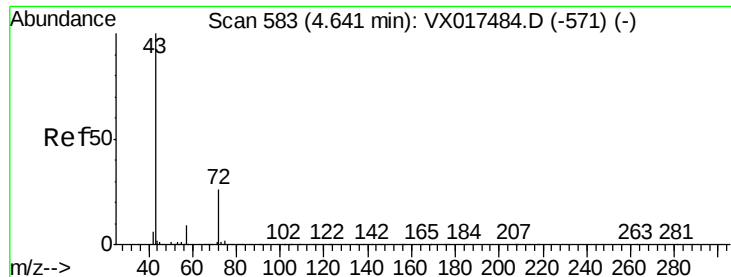
20000

0

Time-->

2.35 2.40 2.45 2.50





#25

2-Butanone

Concen: 12.505 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

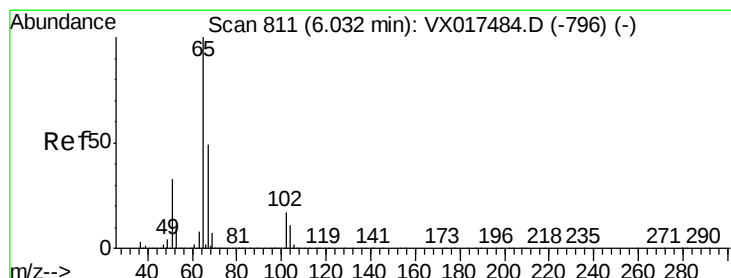
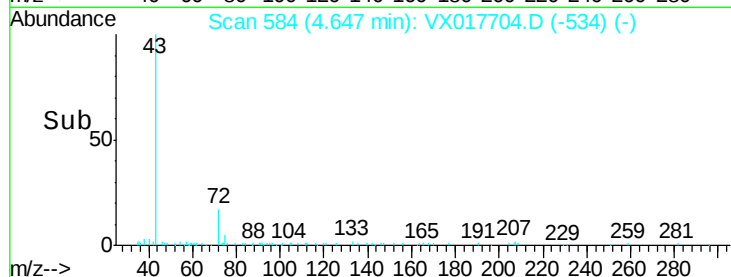
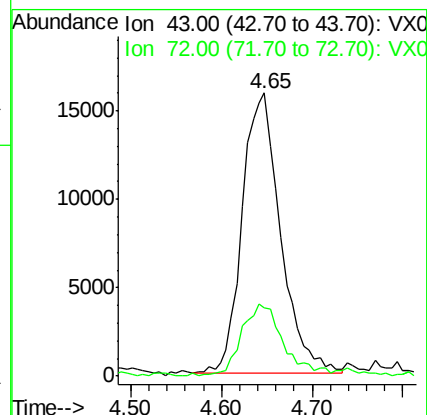
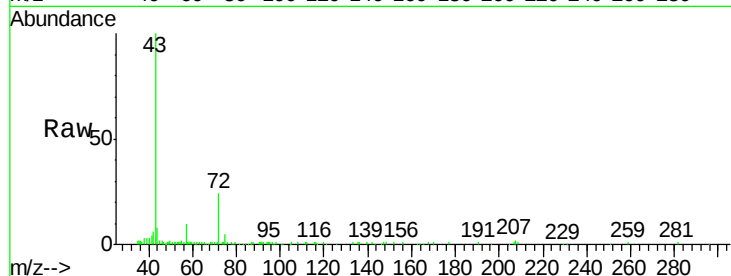
BP-VPB179-GW-153-155

Tot Ion: 43 Resp: 46335

Ion Ratio Lower Upper

43 100

72 23.0 19.0 28.4



#33

1,2-Dichloroethane-d4

Concen: 55.355 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017704.D

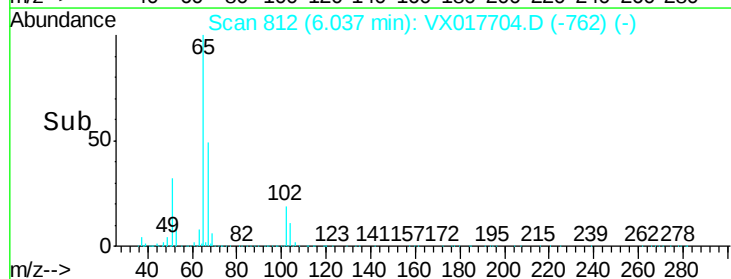
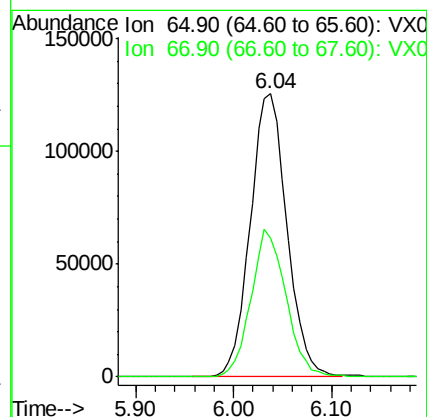
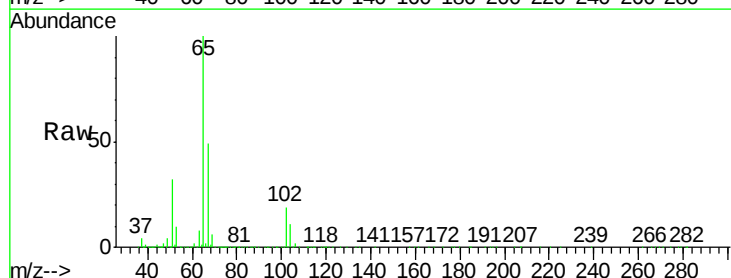
Acq: 31 Jul 2020 16:15

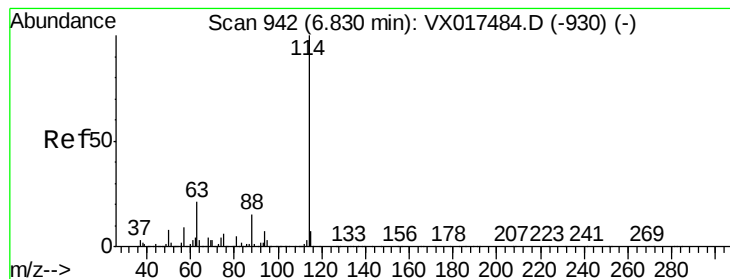
Tgt Ion: 65 Resp: 328030

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-153-155

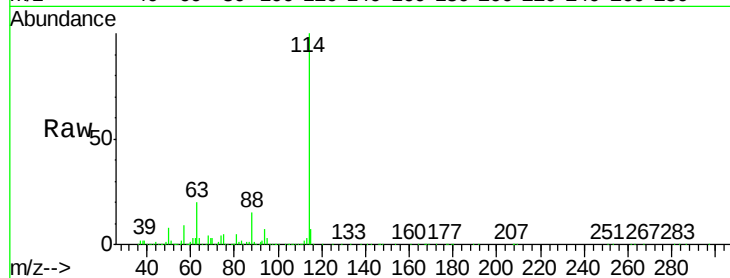
Tot Ion:114 Resp: 786584

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

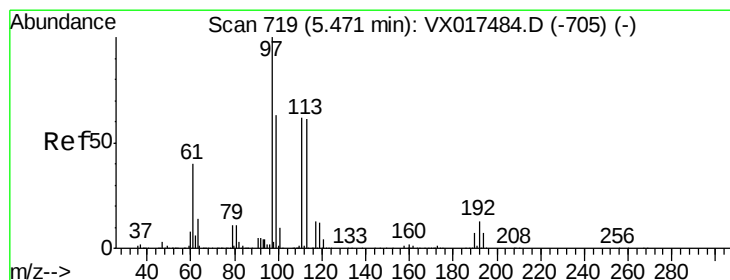
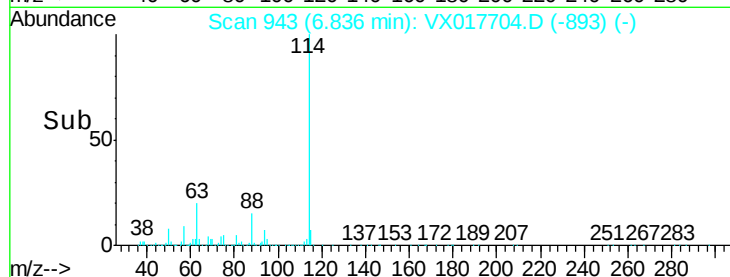
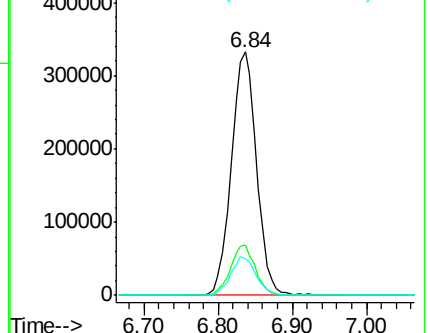
88 14.7 0.0 33.4



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: 51.348 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

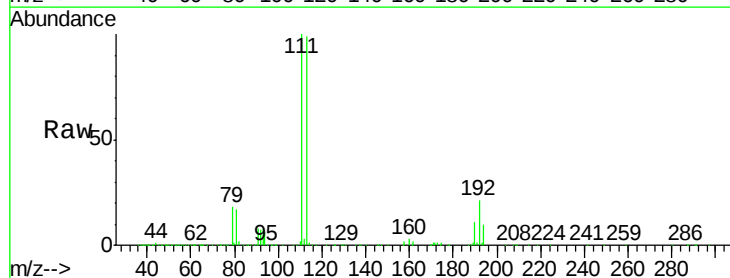
Tgt Ion:113 Resp: 270128

Ion Ratio Lower Upper

113 100

111 100.6 80.7 121.1

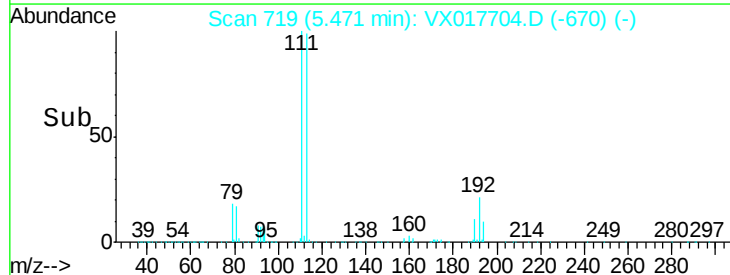
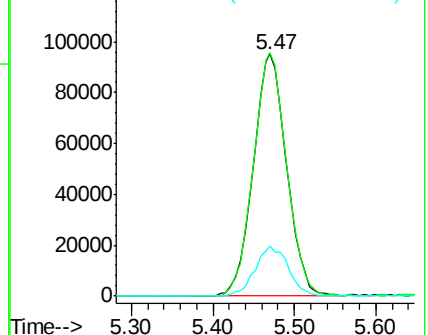
192 20.8 16.9 25.3

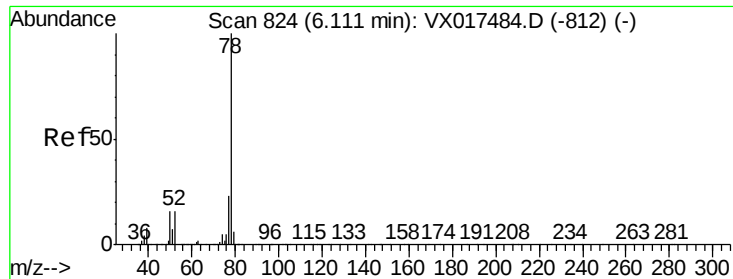


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.732 ug/l

RT: 6.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

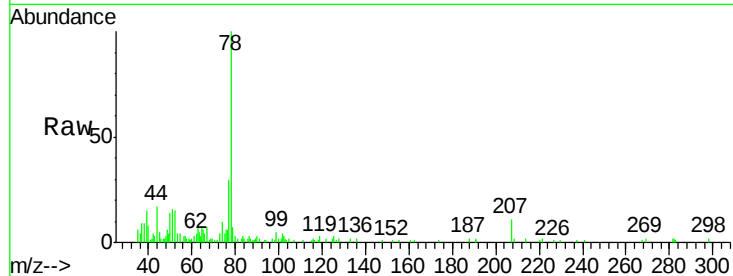
BP-VPB179-GW-153-155

Tot Ion: 78 Resp: 15835

Ion Ratio Lower Upper

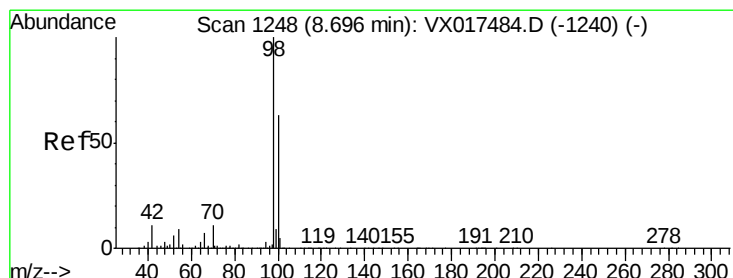
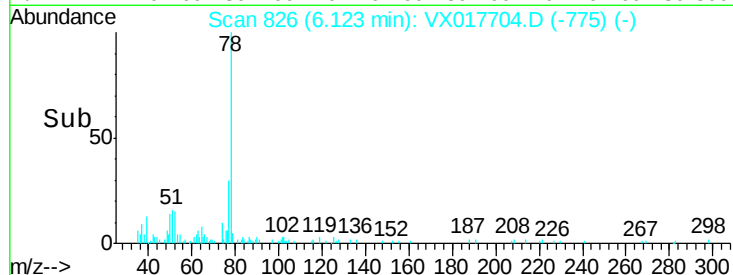
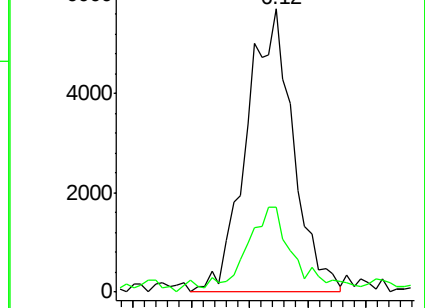
78 100

77 26.2 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 51.430 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017704.D

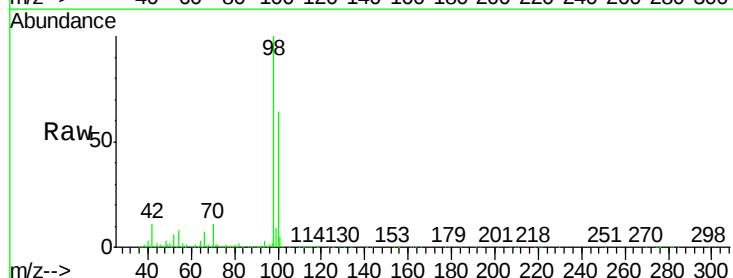
Acq: 31 Jul 2020 16:15

Tgt Ion: 98 Resp: 976037

Ion Ratio Lower Upper

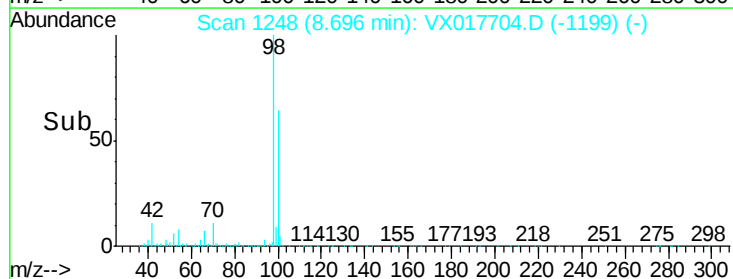
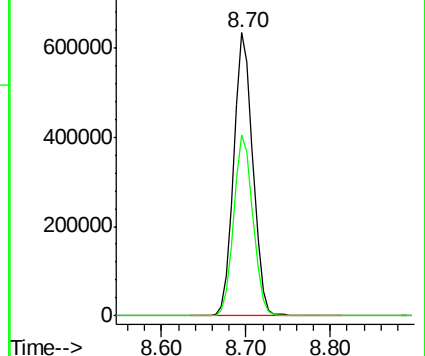
98 100

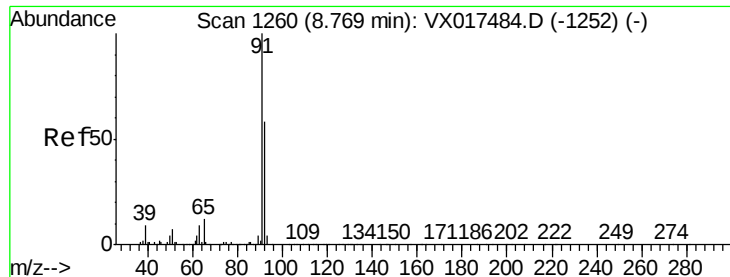
100 64.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 5.588 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

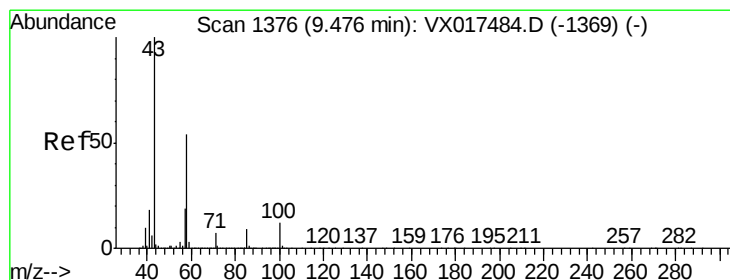
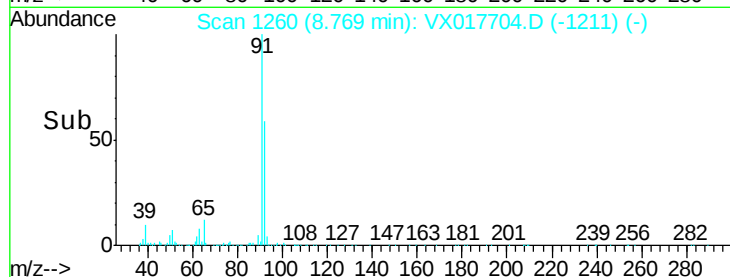
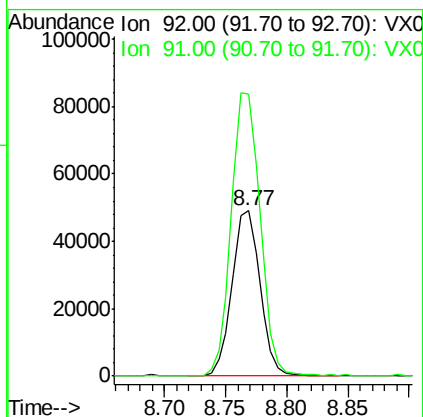
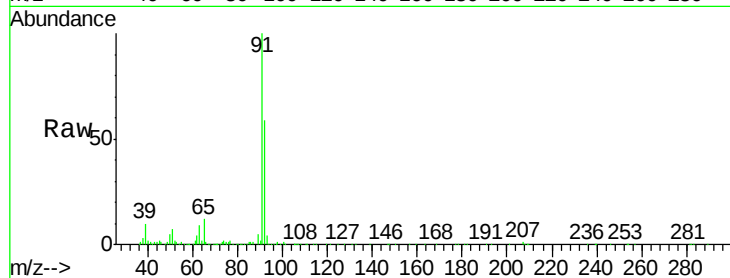
BP-VPB179-GW-153-155

Tot Ion: 92 Resp: 77510

Ion Ratio Lower Upper

92 100

91 177.6 137.6 206.4



#59

2-Hexanone

Concen: 1.359 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX017704.D

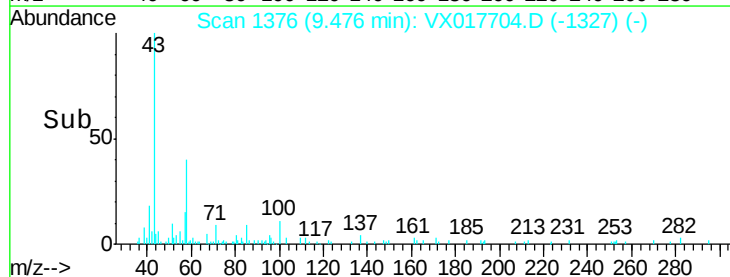
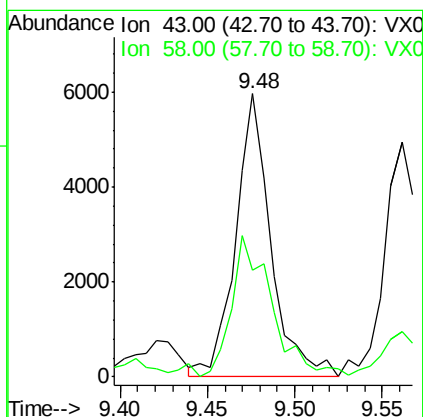
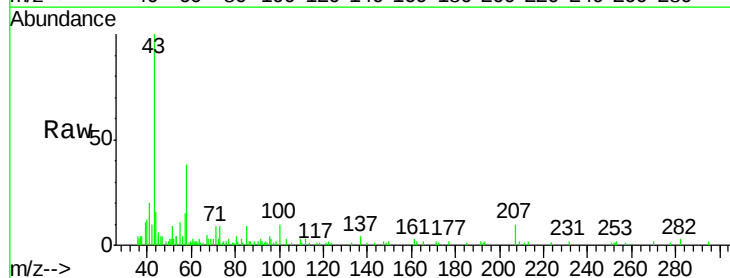
Acq: 31 Jul 2020 16:15

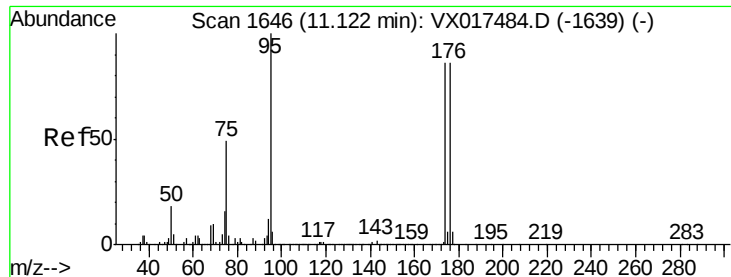
Tgt Ion: 43 Resp: 8313

Ion Ratio Lower Upper

43 100

58 57.7 26.6 79.8





#62

4-Bromofluorobenzene

Concen: 58.729 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-153-155

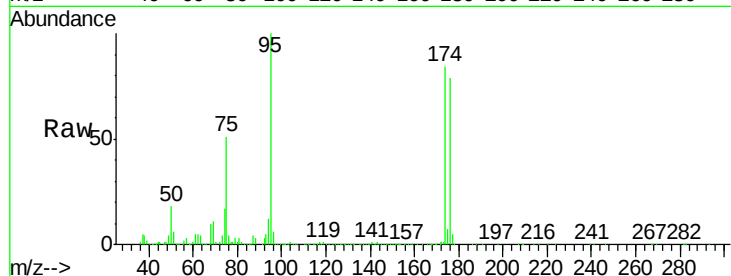
Tot Ion: 95 Resp: 446046

Ion Ratio Lower Upper

95 100

174 84.6 0.0 169.0

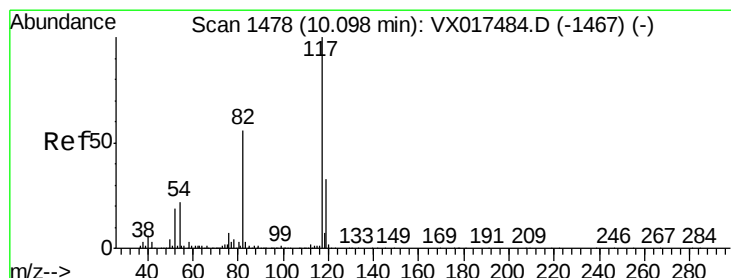
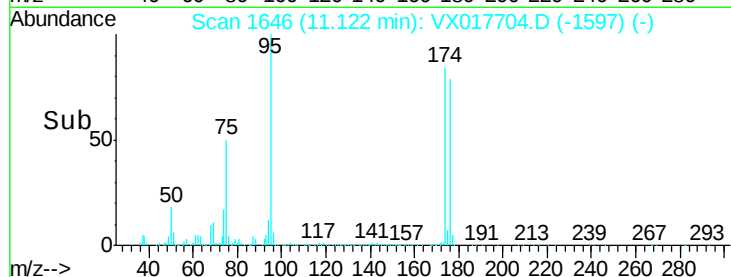
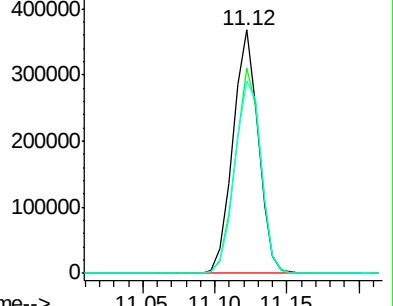
176 82.9 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX017704.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017704.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017704.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

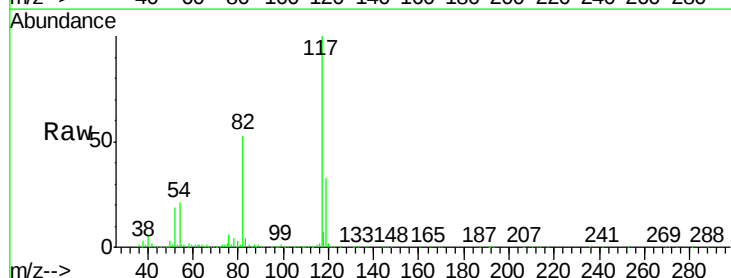
Tgt Ion: 117 Resp: 842194

Ion Ratio Lower Upper

117 100

82 53.4 44.0 66.0

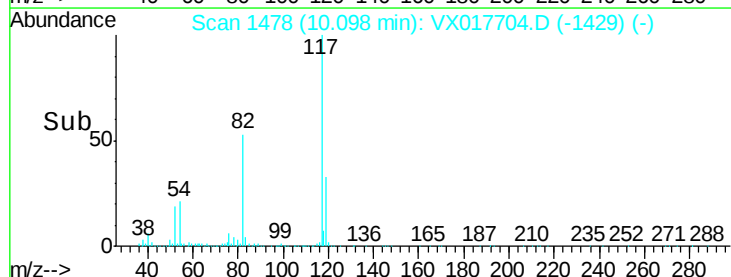
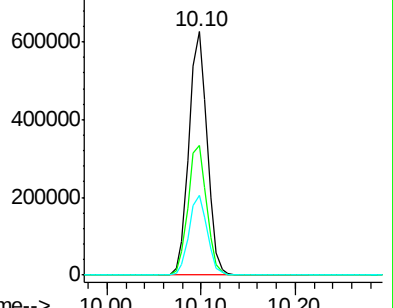
119 32.8 25.4 38.0

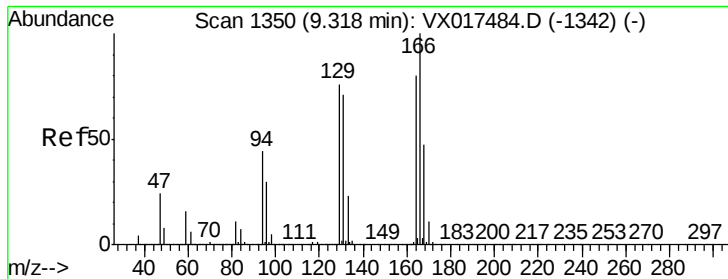


Abundance Ion 116.90 (116.60 to 117.60): VX017704.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017704.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017704.D (-1429) (-)





#64

Tetrachloroethene

Concen: 0.304 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-153-155

Tot Ion:164 Resp: 2299

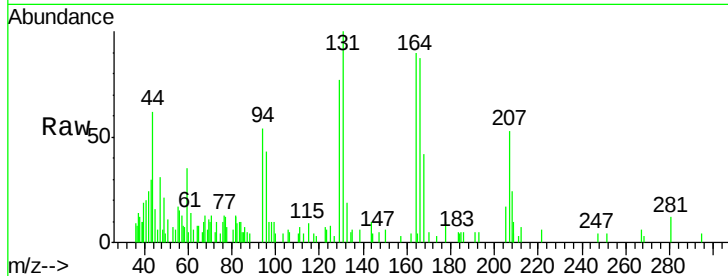
Ion Ratio Lower Upper

164 100

166 96.7 100.6 150.8#

129 81.9 75.0 112.6

131 110.8 75.2 112.8

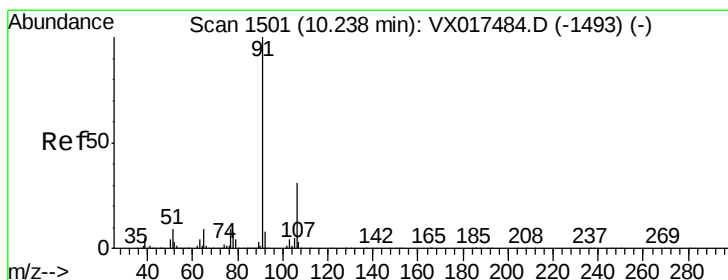
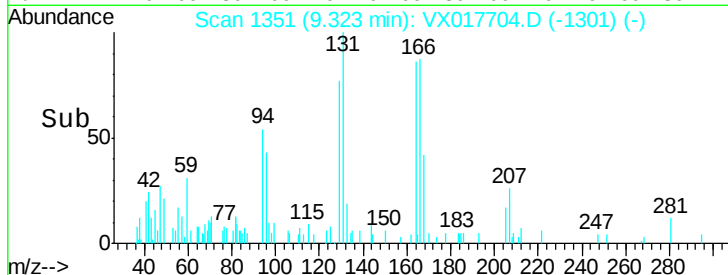
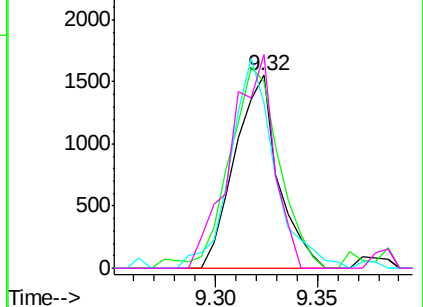


Abundance Ion 163.80 (163.50 to 164.50): V

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



#67

Ethyl Benzene

Concen: 1.513 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017704.D

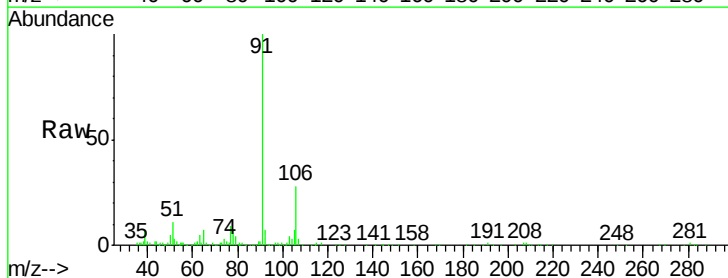
Acq: 31 Jul 2020 16:15

Tgt Ion: 91 Resp: 46049

Ion Ratio Lower Upper

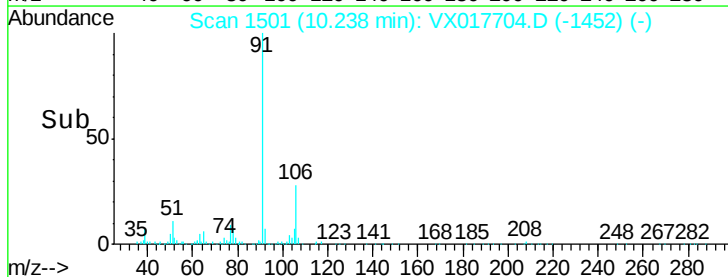
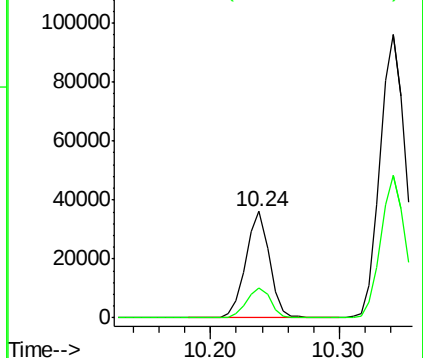
91 100

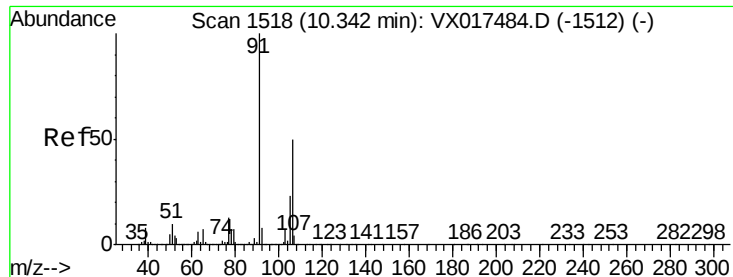
106 28.4 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 5.426 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

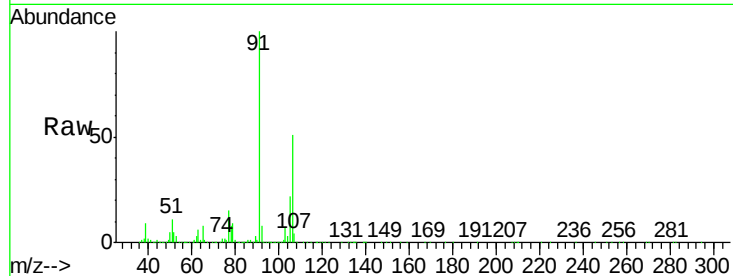
BP-VPB179-GW-153-155

Tot Ion:106 Resp: 63963

Ion Ratio Lower Upper

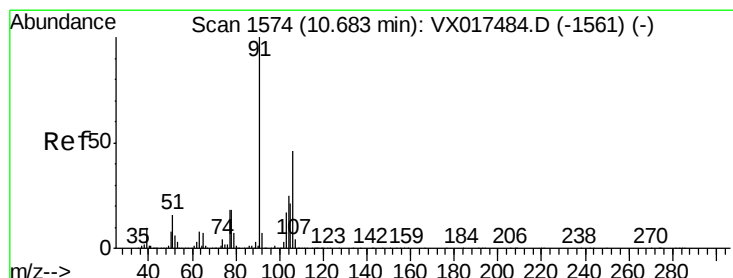
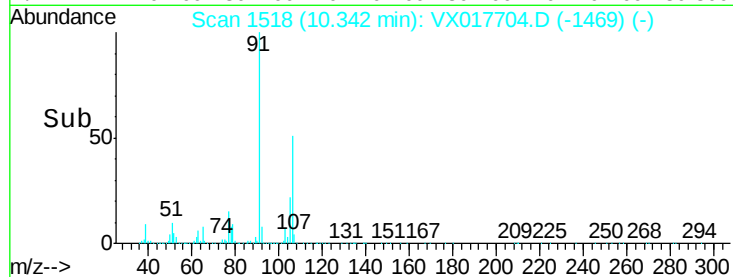
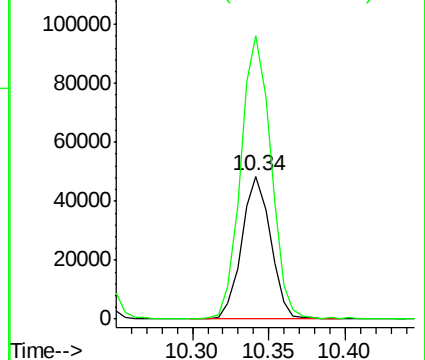
106 100

91 204.2 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 3.106 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017704.D

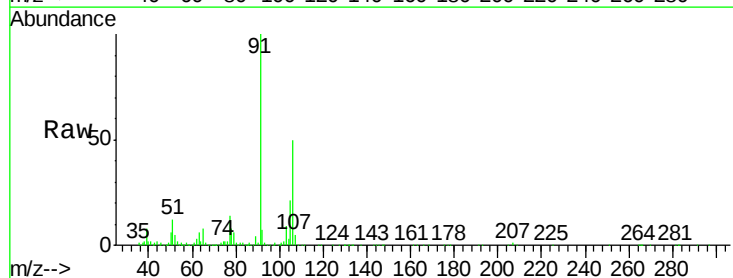
Acq: 31 Jul 2020 16:15

Tgt Ion:106 Resp: 35214

Ion Ratio Lower Upper

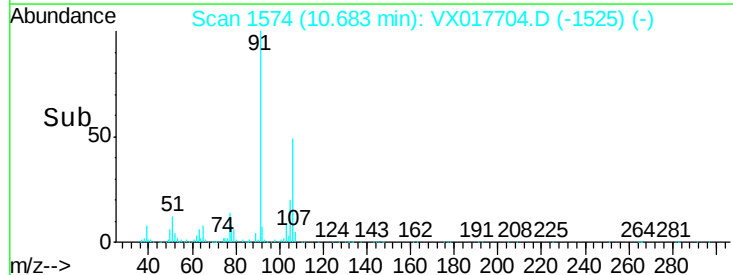
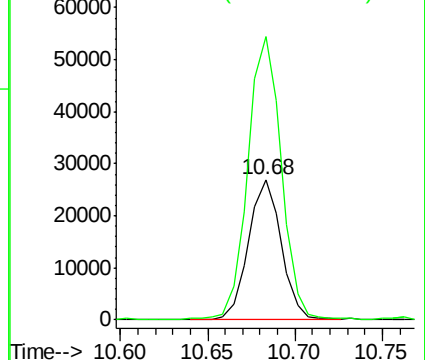
106 100

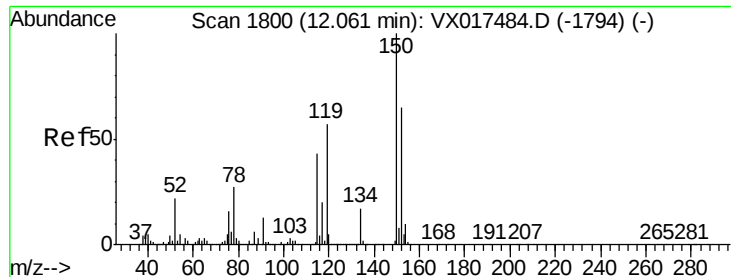
91 206.2 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-153-155

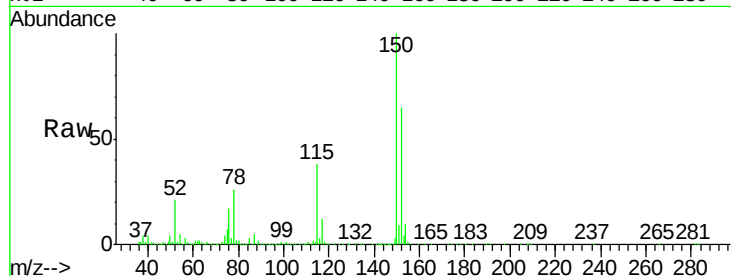
Tot Ion:152 Resp: 481531

Ion Ratio Lower Upper

152 100

115 57.0 65.5 196.6#

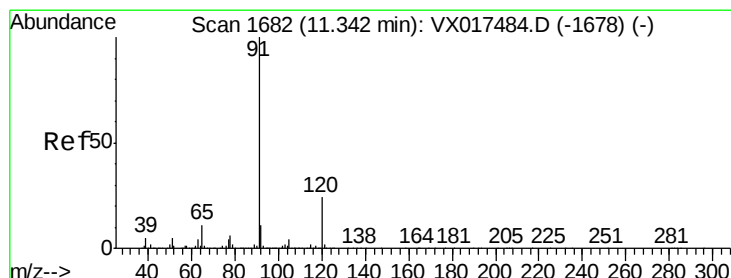
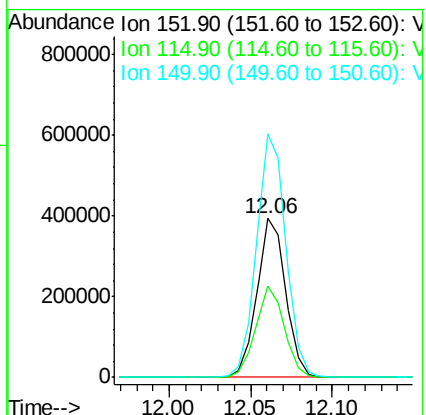
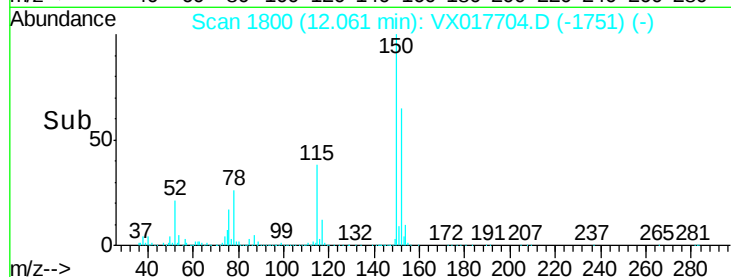
150 156.3 0.0 412.6



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



#78

n-propylbenzene

Concen: 0.552 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017704.D

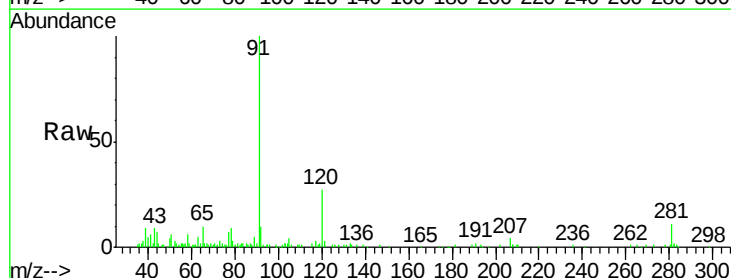
Acq: 31 Jul 2020 16:15

Tgt Ion: 91 Resp: 20558

Ion Ratio Lower Upper

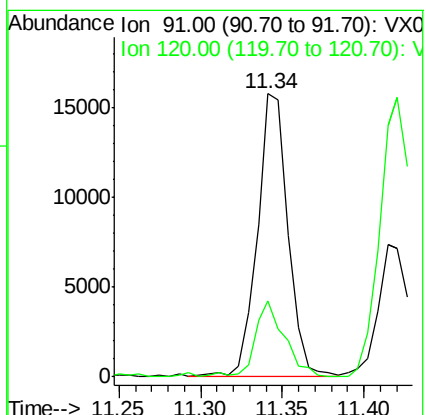
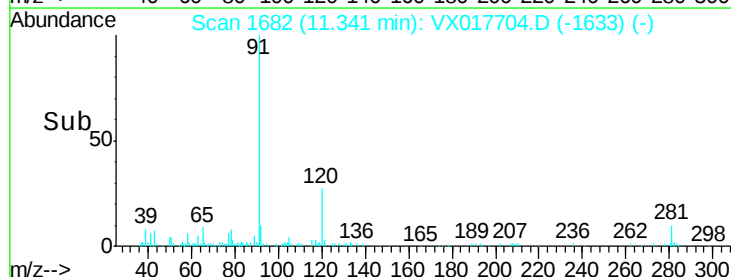
91 100

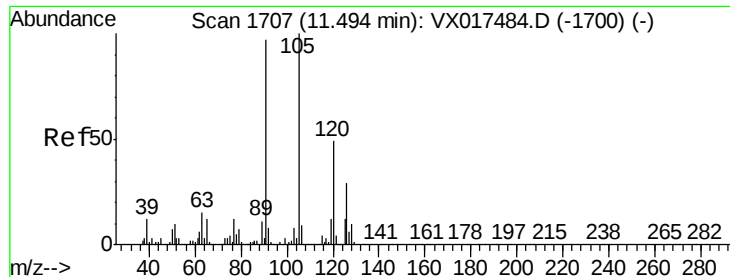
120 25.8 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

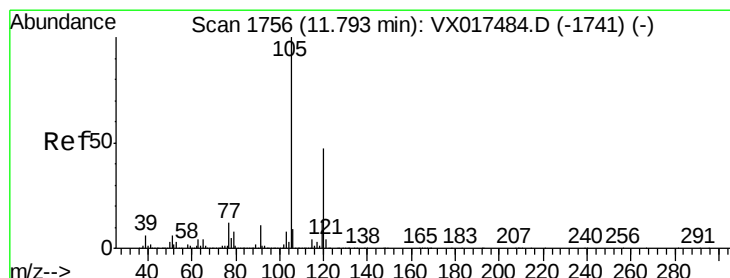
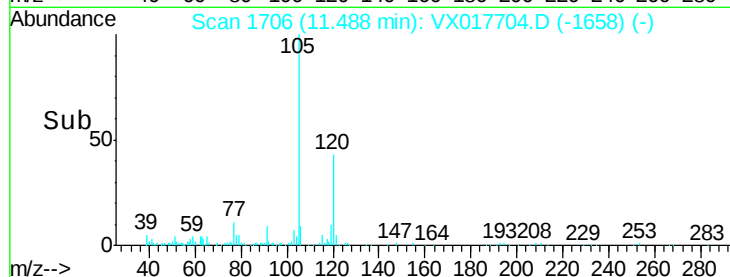
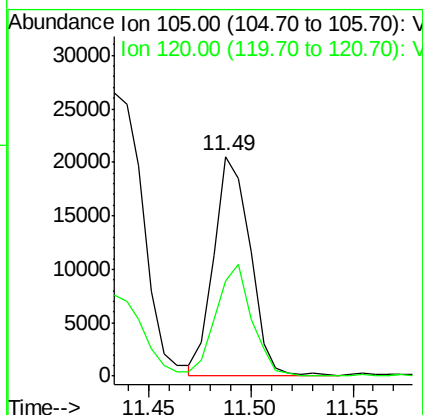
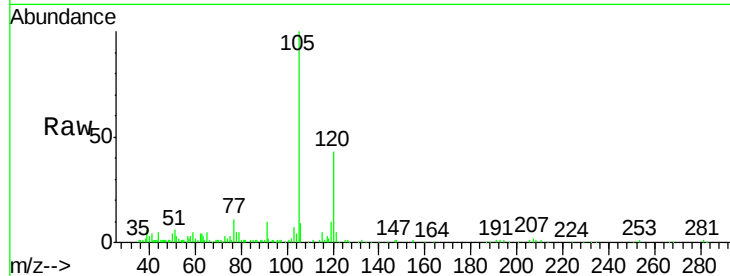




#80
 1,3,5-Trimethylbenzene
 Concen: 0.894 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017704.D
 Acq: 31 Jul 2020 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-153-155

Tot Ion:105 Resp: 25216
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 4.062 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017704.D
 Acq: 31 Jul 2020 16:15

Tgt Ion:105 Resp: 113963
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.7 68.0

