

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 02:46:19 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

33) 1,2-Dichloroethane-d4	6.04	65	328030	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
35) Dibromofluoromethane	5.47	113	270128	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	8.70	98	976037	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.12	95	446046	58.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	276	Below Cal	#	40
3) Chloromethane	1.32	50	1531	0.633	ug/l #	23
5) Bromomethane	1.61	94	120	Below Cal	#	3
6) Chloroethane	1.70	64	192	Below Cal	#	44
8) Diethyl Ether	2.16	74	542	Below Cal		99
11) Tert butyl alcohol	3.01	59	4716	3.776	ug/l #	93
13) Acrolein	2.26	56	429	4.591	ug/l #	1
16) Acetone	2.42	43	147458	56.536	ug/l	97
18) Methyl Acetate	2.75	43	1279	0.208	ug/l #	31
20) Methylene Chloride	2.84	84	1102	Below Cal	#	43
25) 2-Butanone	4.65	43	46335	12.505	ug/l	99
29) Tetrahydrofuran	4.95	42	725	0.316	ug/l	89
30) Chloroform	5.18	83	2843	0.304	ug/l	86
36) 1,1-Dichloropropene	5.63	75	34920	4.629	ug/l #	41
37) Ethyl Acetate	4.65	43	46335	5.613	ug/l #	72
38) Carbon Tetrachloride	5.64	117	46118	5.034	ug/l #	16
40) Benzene	6.12	78	15835	0.732	ug/l	96
43) Isopropyl Acetate	6.43	43	3549	0.261	ug/l #	64
44) Trichloroethene	7.20	130	1473	0.233	ug/l	53
49) 1,4-Dioxane	7.74	88	298	2.302	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	5994	0.738	ug/l	100
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
74) N-amyl acetate	10.90	43	4570	0.311	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	226858	22.903	ug/l #	34
78) n-propylbenzene	11.34	91	20558	0.552	ug/l	97
79) 2-Chlorotoluene	11.41	91	12606	0.546	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.49	105	25216	0.894	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.12	75	226858	57.710	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.79	105	113963	4.062	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

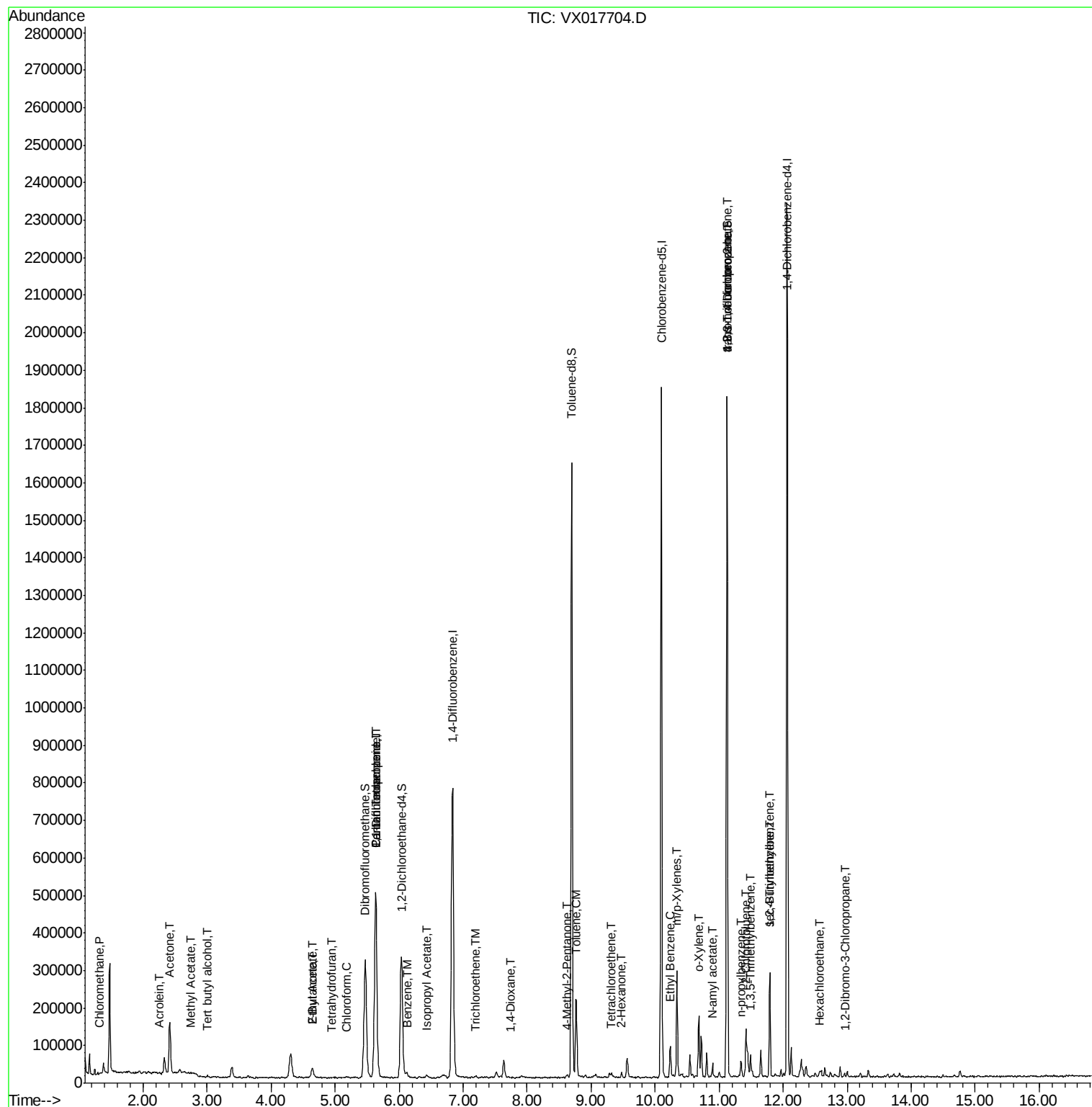
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.79	105	113963	3.625	ug/l #	55
90) Hexachloroethane	12.57	117	1344	0.228	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.98	75	689	2.801	ug/l #	8

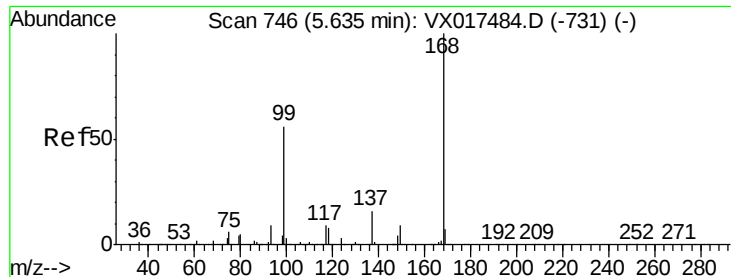
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

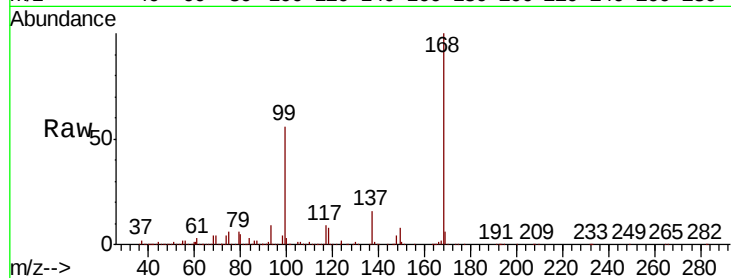
BP-VPB179-GW-153-155

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

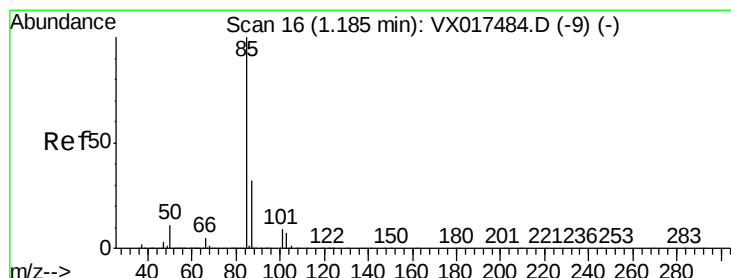
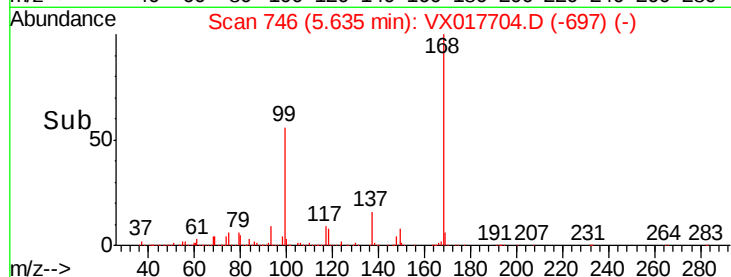
0

Time-->

5.50

5.60

5.70



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017704.D

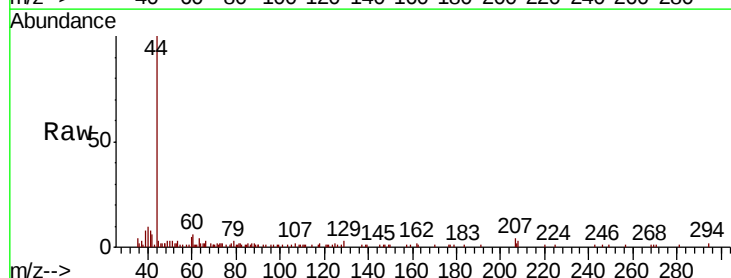
Acq: 31 Jul 2020 16:15

Tgt Ion: 85 Resp: 276

Ion Ratio Lower Upper

85 100

87 65.7 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

250

200

150

100

50

0

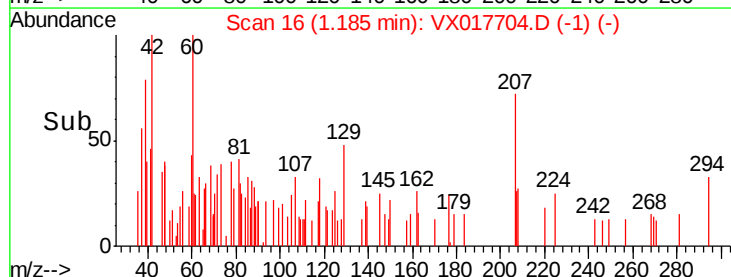
Time-->

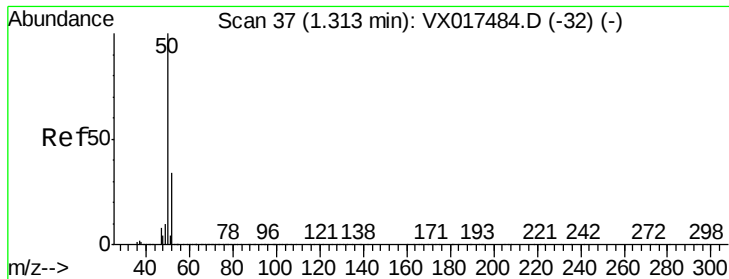
1.16

1.18

1.20

1.22





#3

Chloromethane

Concen: 0.633 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

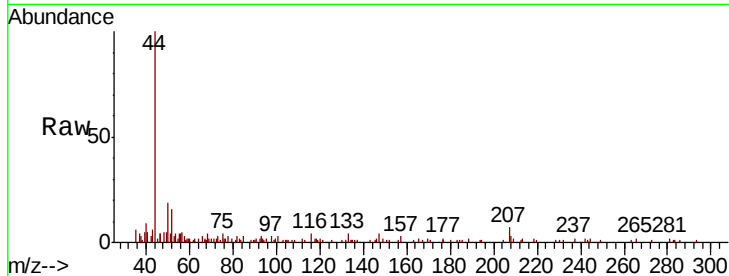
BP-VPB179-GW-153-155

Tot Ion: 50 Resp: 1531

Ion Ratio Lower Upper

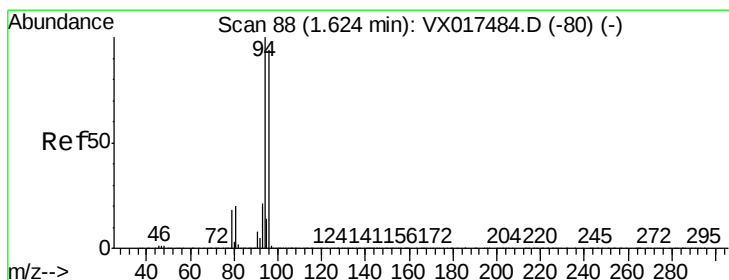
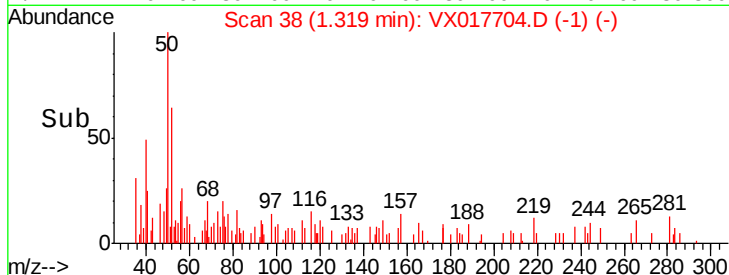
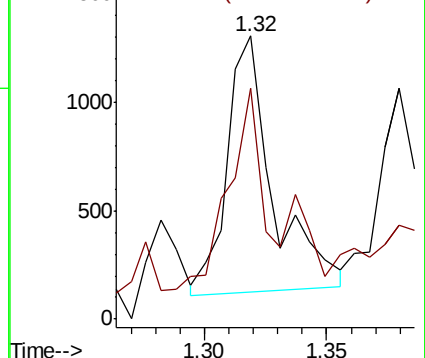
50 100

52 75.6 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 86

Delta R.T. -0.01 min

Lab File: VX017704.D

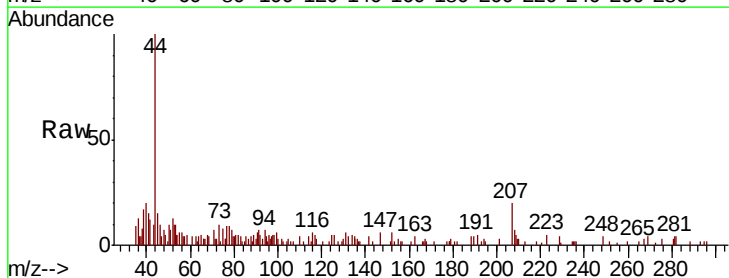
Acq: 31 Jul 2020 16:15

Tgt Ion: 94 Resp: 120

Ion Ratio Lower Upper

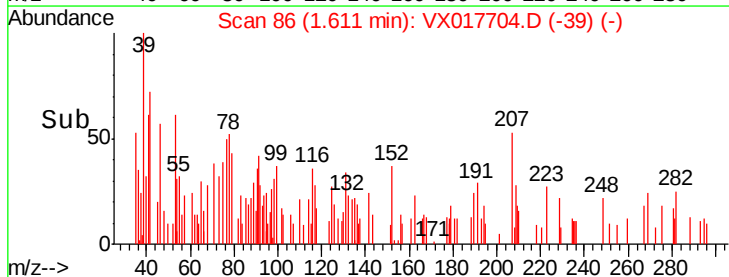
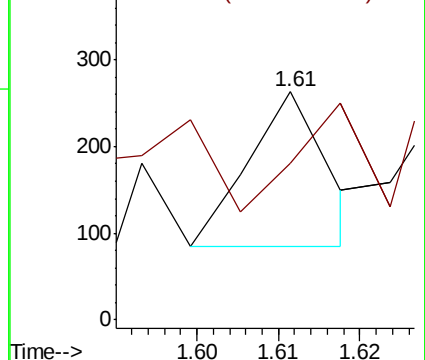
94 100

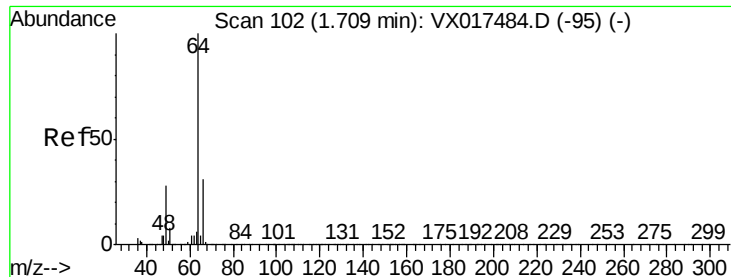
96 0.0 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

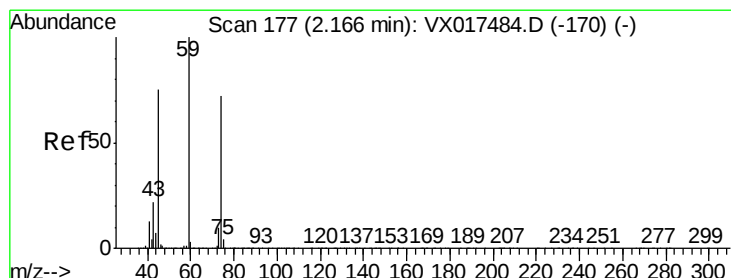
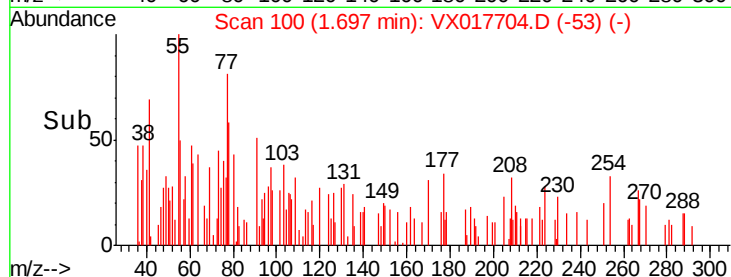
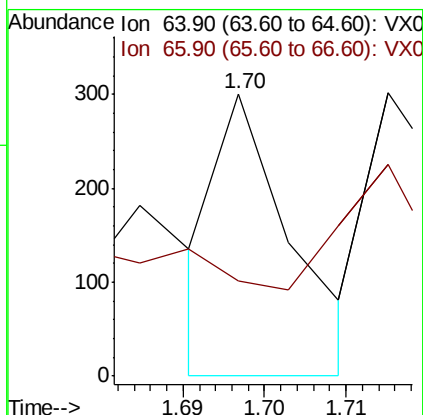
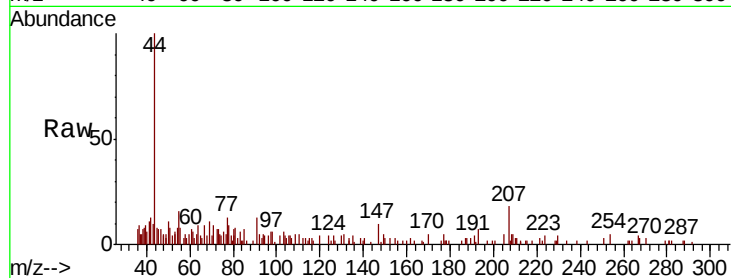
BP-VPB179-GW-153-155

Tot Ion: 64 Resp: 192

Ion Ratio Lower Upper

64 100

66 0.0 24.9 37.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.16 min Scan# 176

Delta R.T. -0.01 min

Lab File: VX017704.D

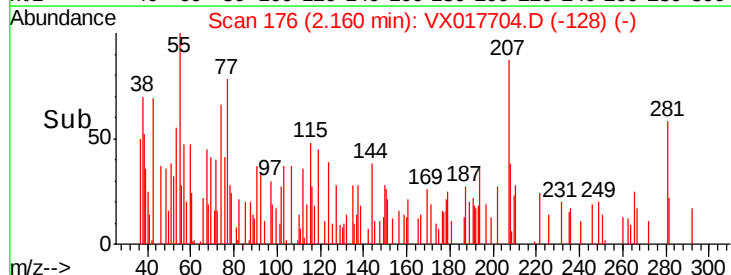
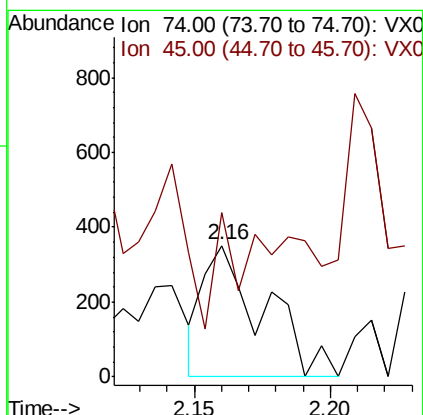
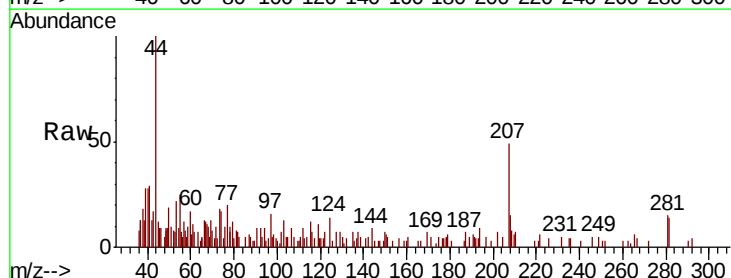
Acq: 31 Jul 2020 16:15

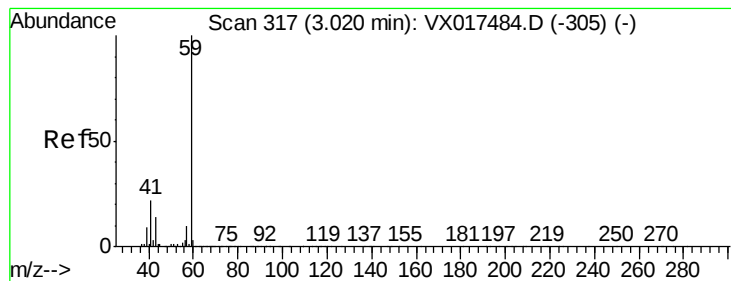
Tgt Ion: 74 Resp: 542

Ion Ratio Lower Upper

74 100

45 102.4 50.8 152.5



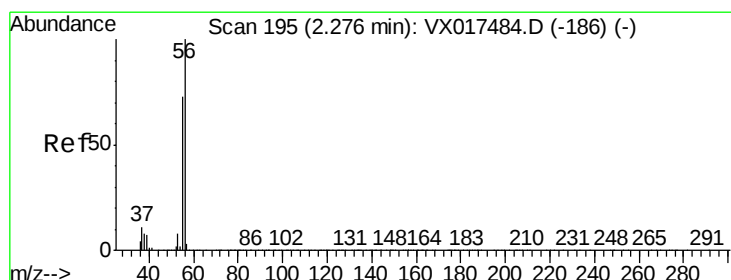
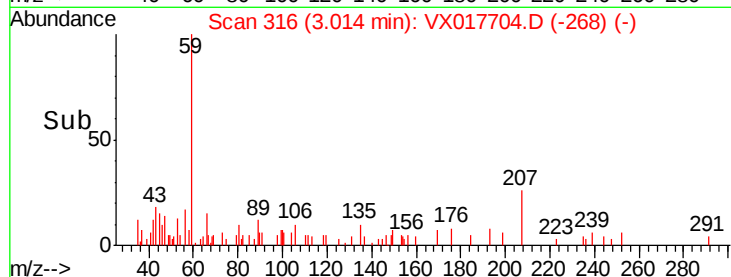
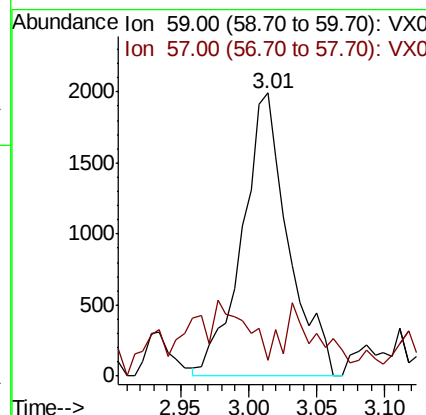
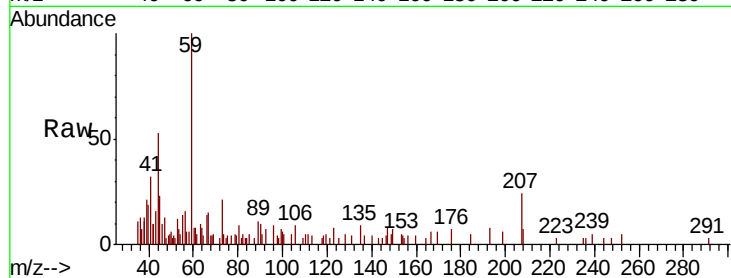


#11

Tert butyl alcohol
 Concen: 3.776 ug/l
 RT: 3.01 min Scan# 316
 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

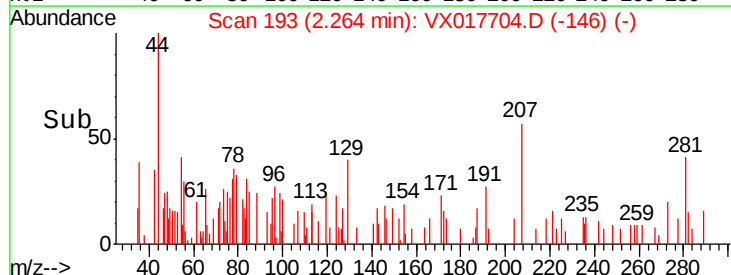
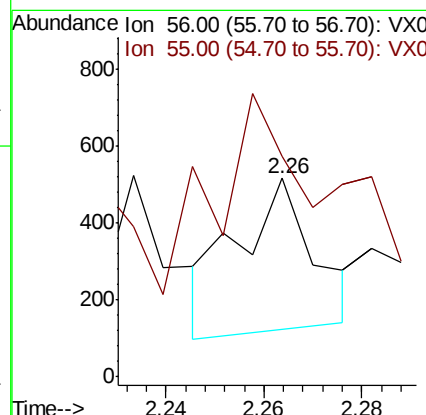
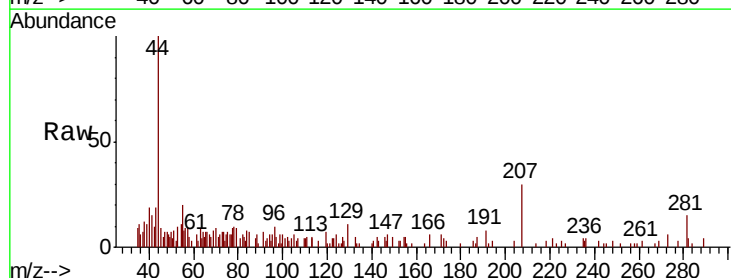
Tot Ion: 59 Resp: 4716
 Ion Ratio Lower Upper
 59 100
 57 13.4 8.6 12.8#

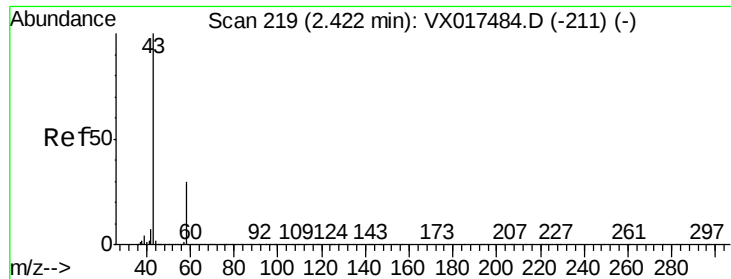


#13

Acrolein
 Concen: 4.591 ug/l
 RT: 2.26 min Scan# 193
 Delta R.T. -0.01 min
 Lab File: VX017704.D
 Acq: 31 Jul 2020 16:15

Tgt Ion: 56 Resp: 429
 Ion Ratio Lower Upper
 56 100
 55 193.5 57.4 86.2#





#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

Instrument :

MSVOA_X

ClientSampleId :

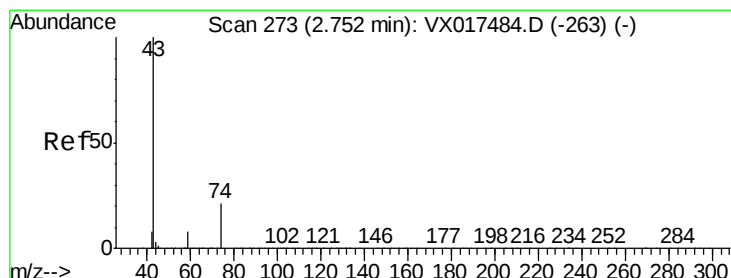
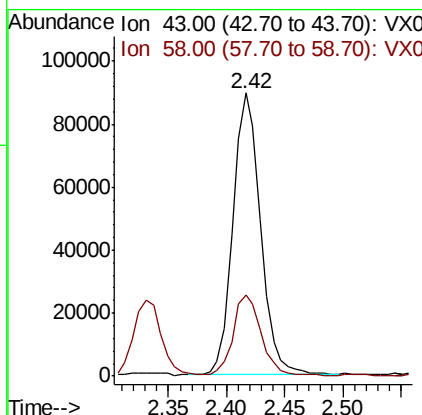
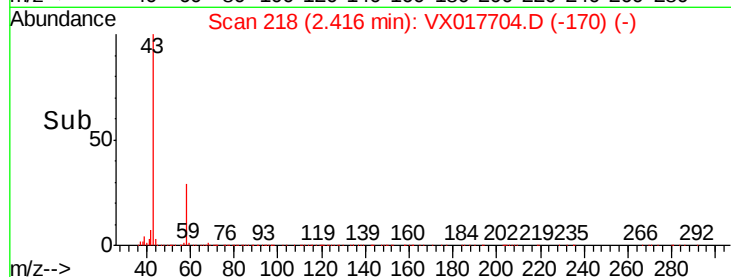
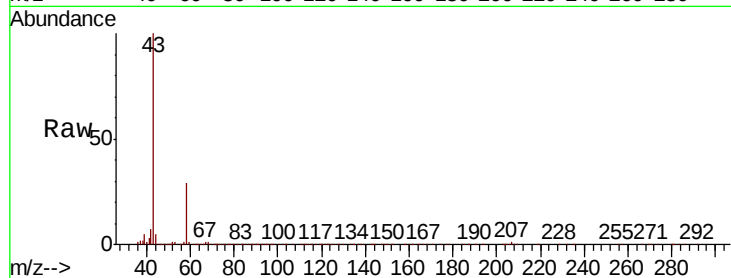
BP-VPB179-GW-153-155

Tot Ion: 43 Resp: 147458

Ion Ratio Lower Upper

43 100

58 28.6 24.2 36.4



#18

Methyl Acetate

Concen: 0.208 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017704.D

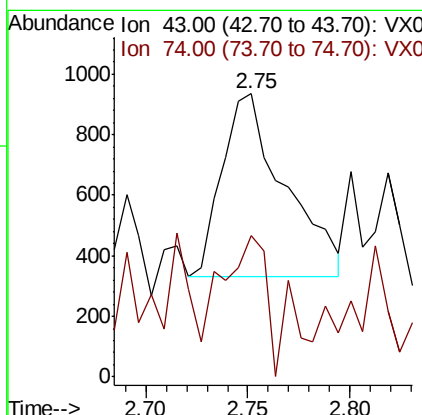
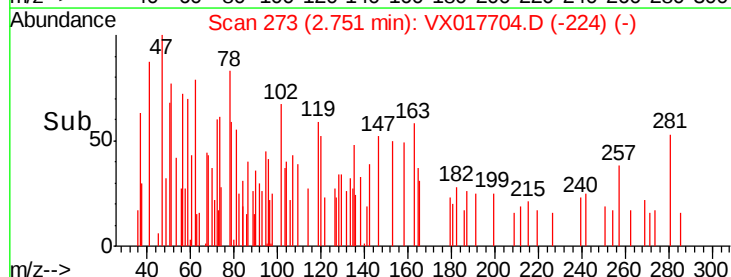
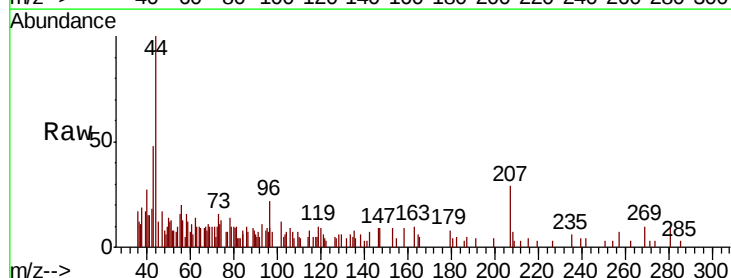
Acq: 31 Jul 2020 16:15

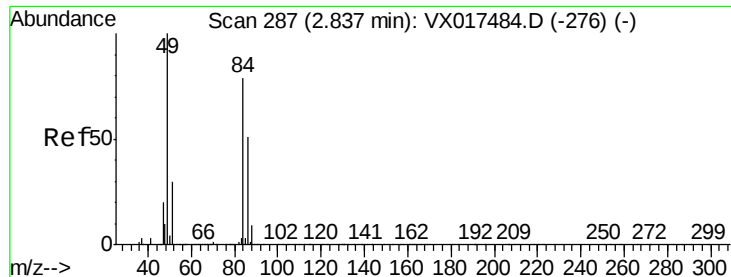
Tgt Ion: 43 Resp: 1279

Ion Ratio Lower Upper

43 100

74 54.7 17.5 26.3#

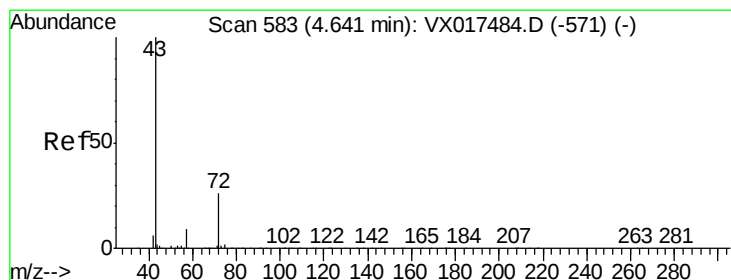
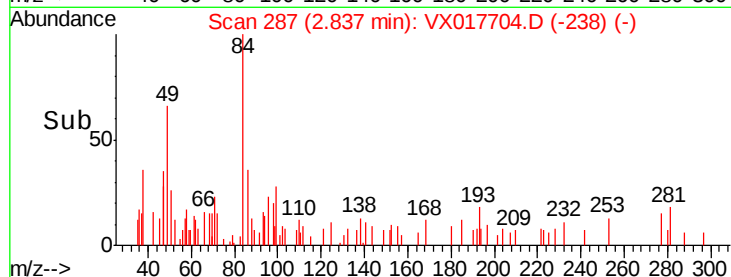
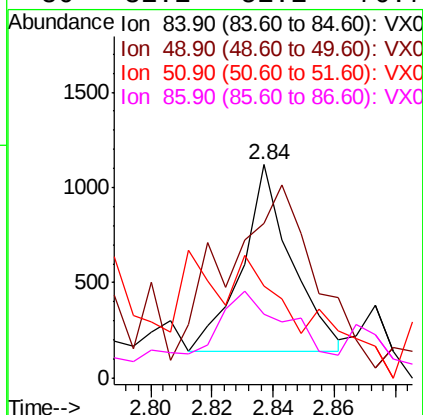
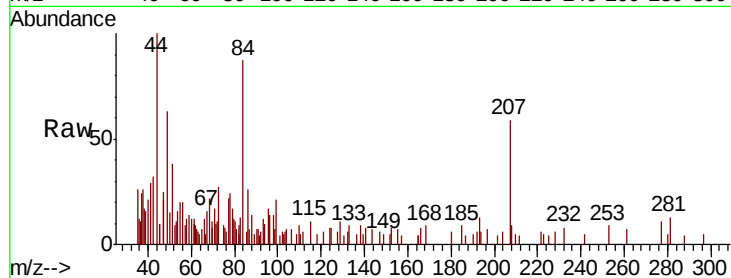




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017704.D
Acq: 31 Jul 2020 16:15

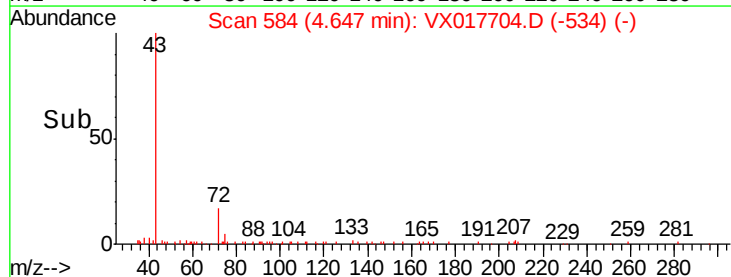
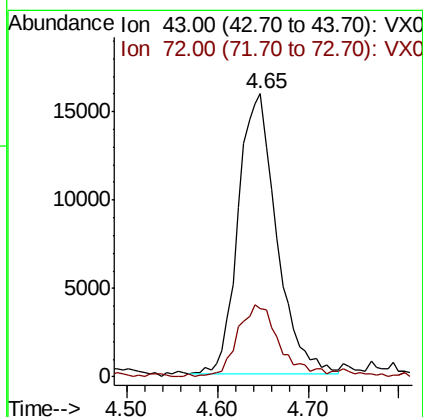
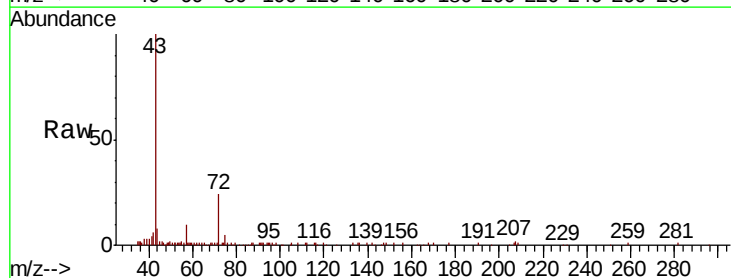
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-153-155

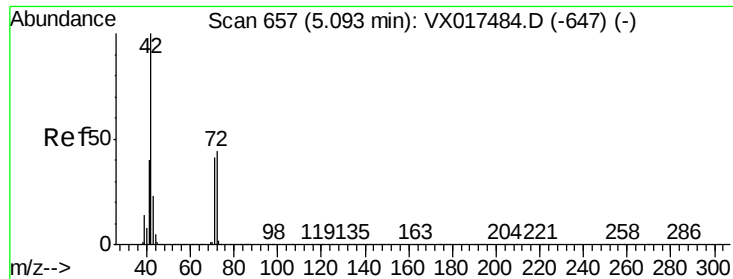
Tot Ion: 84 Resp: 1102
Ion Ratio Lower Upper
84 100
49 39.6 100.3 150.5#
51 24.0 30.5 45.7#
86 31.1 51.1 76.7#



#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

Tgt Ion: 43 Resp: 46335
Ion Ratio Lower Upper
43 100
72 23.0 19.0 28.4

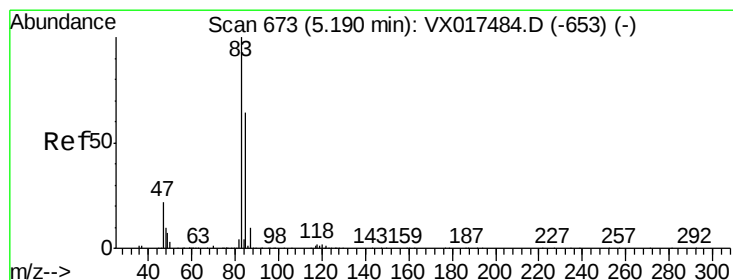
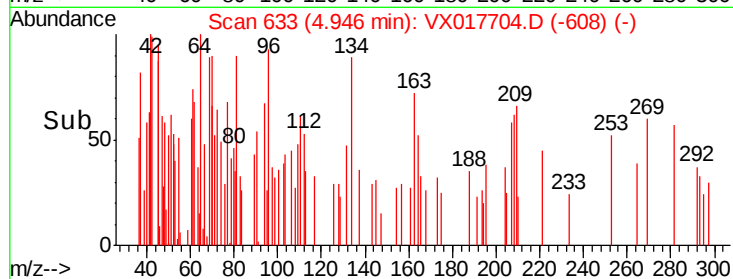
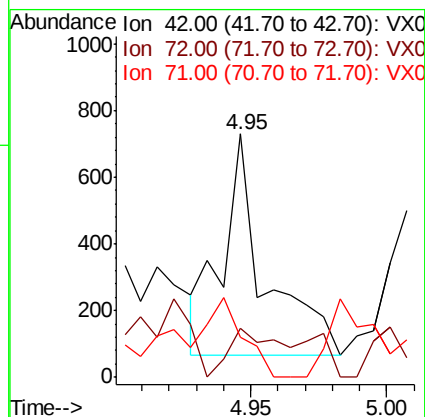
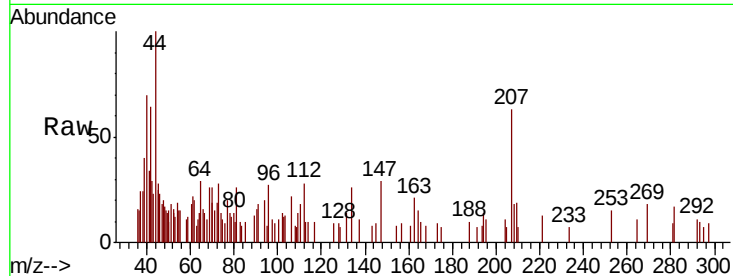




#29
Tetrahydrofuran
Concen: 0.316 ug/l
RT: 4.95 min Scan# 633
Delta R.T. -0.15 min
Lab File: VX017704.D
Acq: 31 Jul 2020 16:15

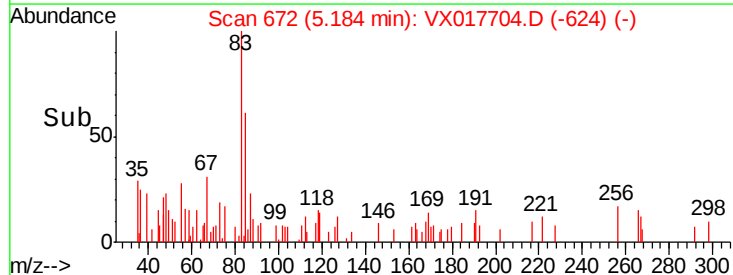
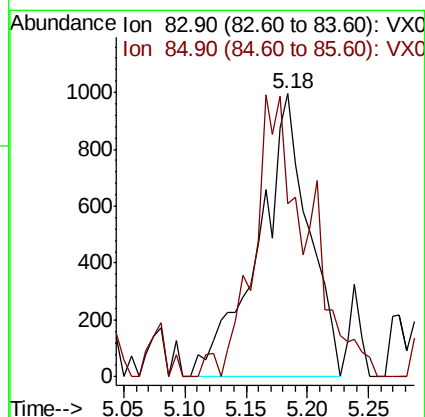
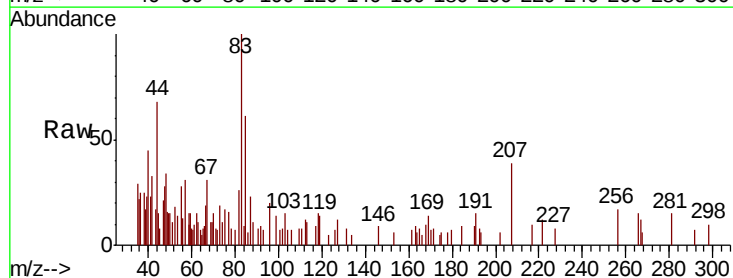
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-153-155

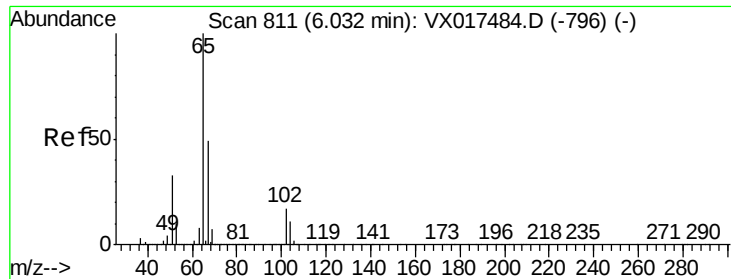
Tot Ion: 42 Resp: 725
Ion Ratio Lower Upper
42 100
72 37.7 35.5 53.3
71 48.7 33.0 49.4



#30
Chloroform
Concen: 0.304 ug/l
RT: 5.18 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX017704.D
Acq: 31 Jul 2020 16:15

Tgt Ion: 83 Resp: 2843
Ion Ratio Lower Upper
83 100
85 53.7 51.4 77.2





#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

Instrument :

MSVOA_X

ClientSampleId :

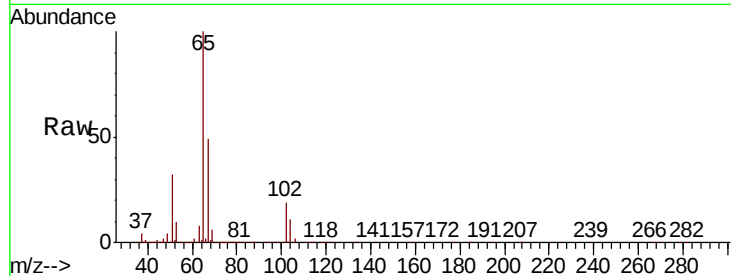
BP-VPB179-GW-153-155

Tot Ion: 65 Resp: 328030

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

150000

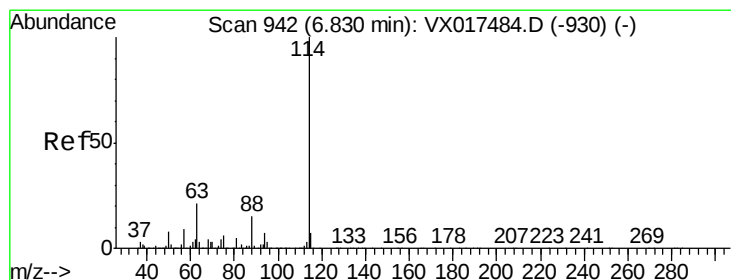
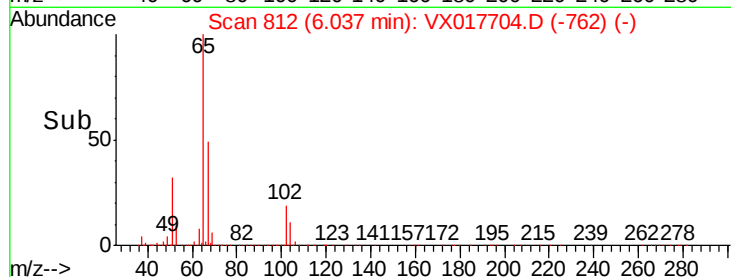
100000

50000

0

Time-->

5.90 6.00 6.10



#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

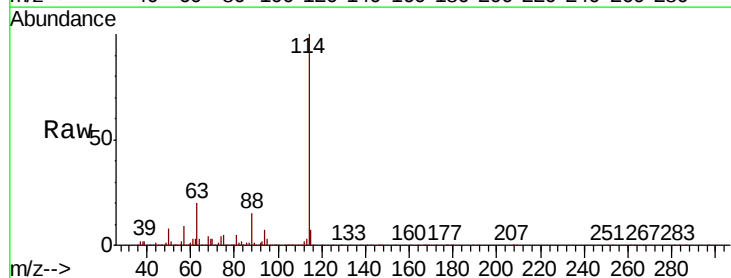
Tgt Ion: 114 Resp: 786584

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

6.84

400000

300000

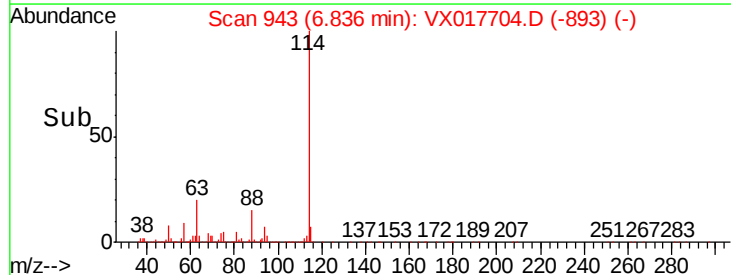
200000

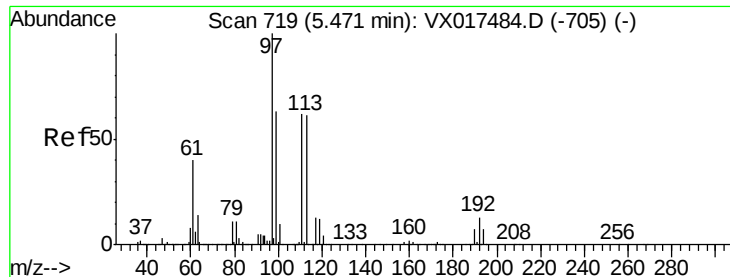
100000

0

Time-->

6.70 6.80 6.90 7.00

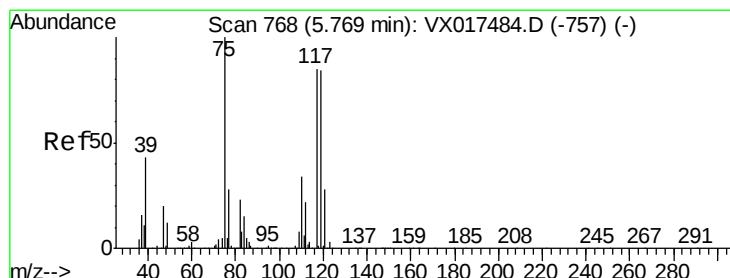
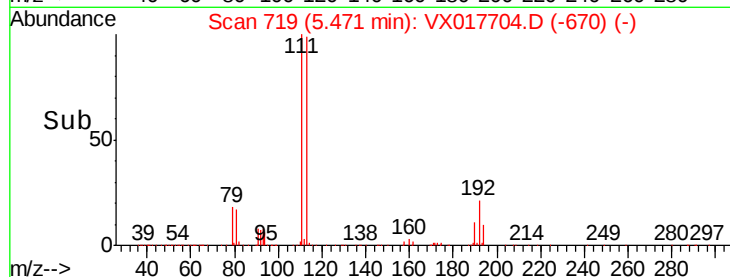
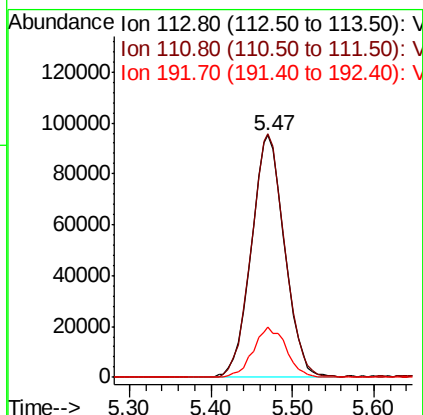
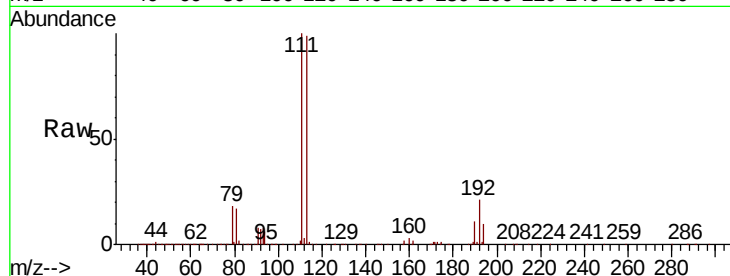




#35
 Dibromofluoromethane
 Concen: 51.348 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017704.D
 Acq: 31 Jul 2020 16:15

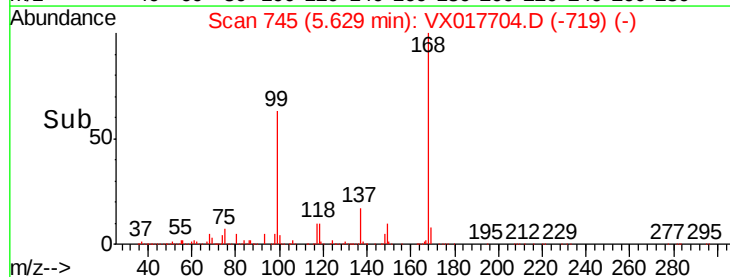
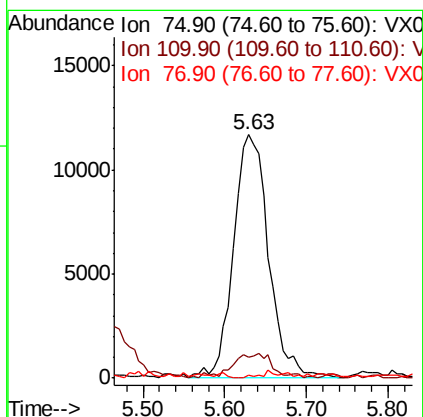
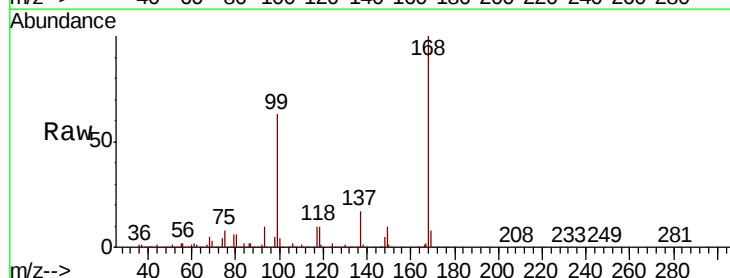
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-153-155

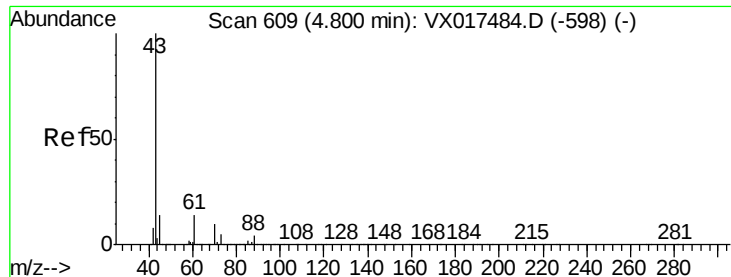
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	80.7	121.1
192	20.8	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 4.629 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX017704.D
 Acq: 31 Jul 2020 16:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.3#
77	0.0	24.6	37.0#

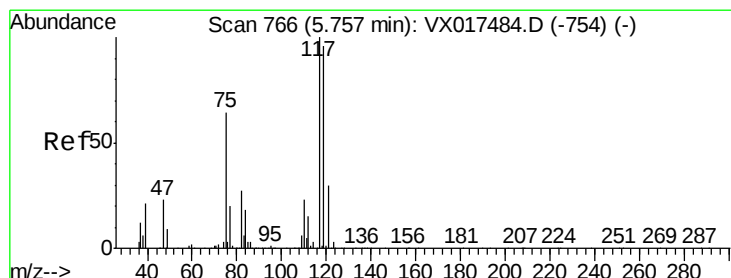
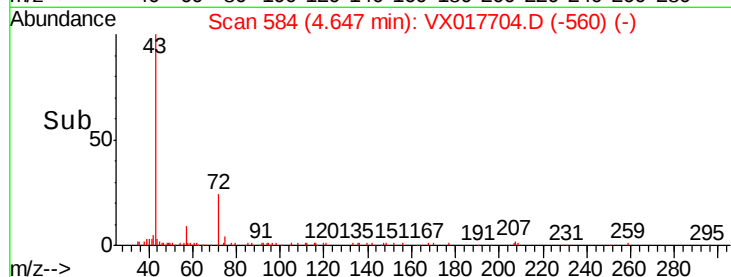
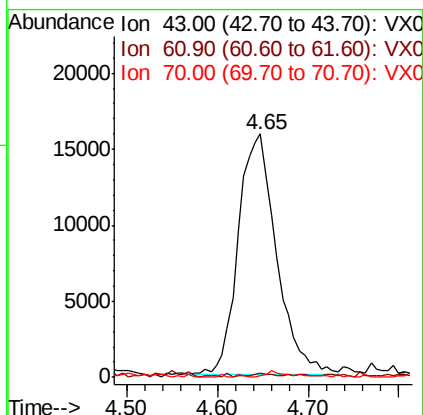
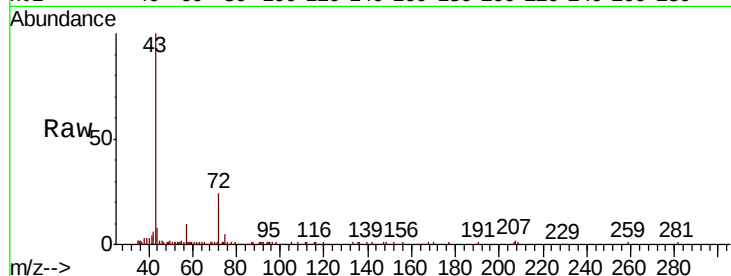




#37
Ethyl Acetate
Concen: 5.613 ug/l
RT: 4.65 min Scan# 584
Delta R.T. -0.15 min
Lab File: VX017704.D
Acq: 31 Jul 2020 16:15

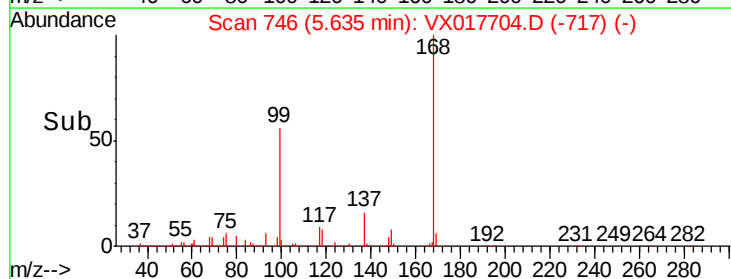
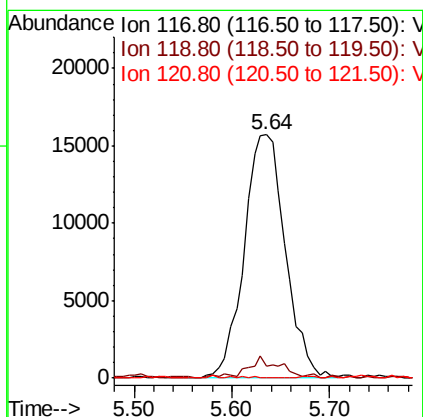
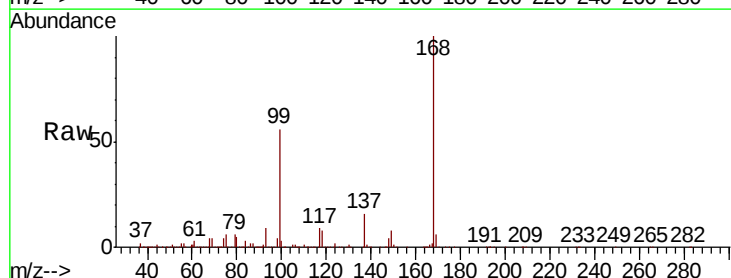
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-153-155

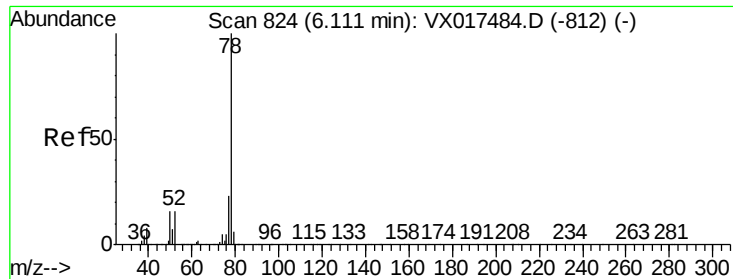
Tot Ion	Ratio	Lower	Upper
43	100		
61	1.0	10.7	16.1#
70	1.8	8.5	12.7#



#38
Carbon Tetrachloride
Concen: 5.034 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017704.D
Acq: 31 Jul 2020 16:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.4	113.0#
121	0.0	24.3	36.5#





#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 :

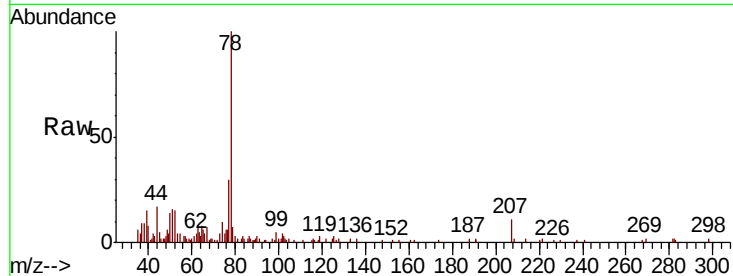
BP-VPB179-GW-153-155

Tot Ion: 78 Resp: 15835

Ion Ratio Lower Upper

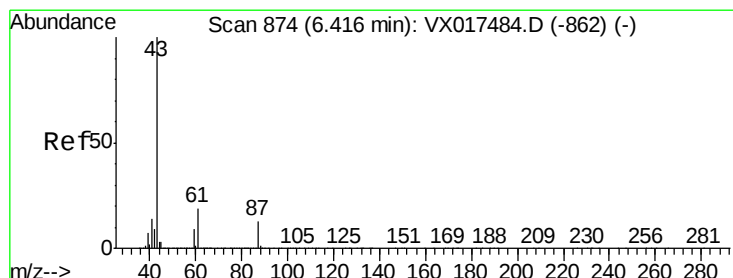
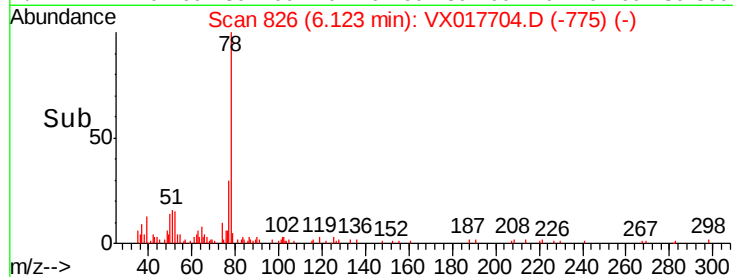
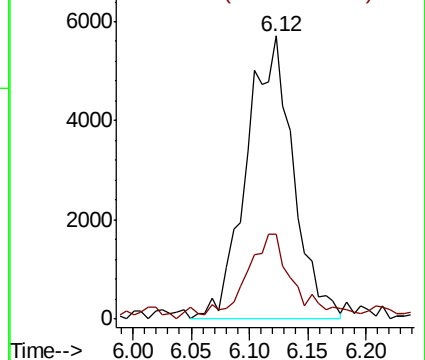
78 100

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



#43

Isopropyl Acetate

Concen: 0.261 ug/l

RT: 6.43 min Scan# 877

Delta R.T. 0.02 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

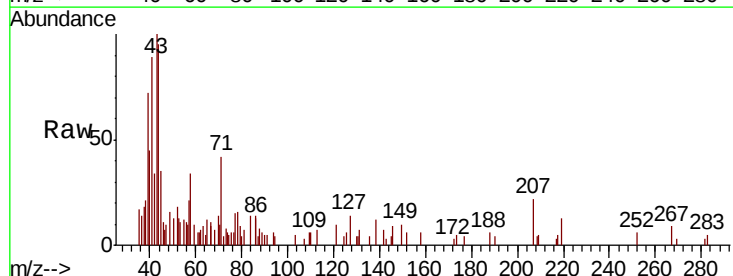
Tgt Ion: 43 Resp: 3549

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

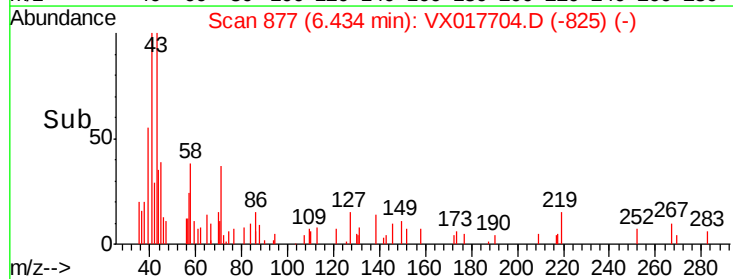
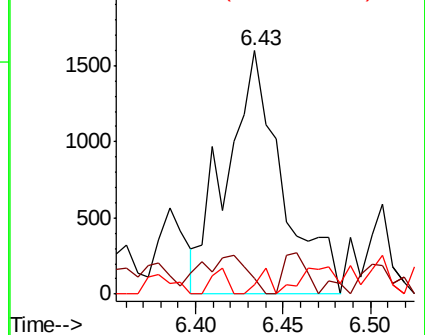
87 2.4 10.5 15.7#

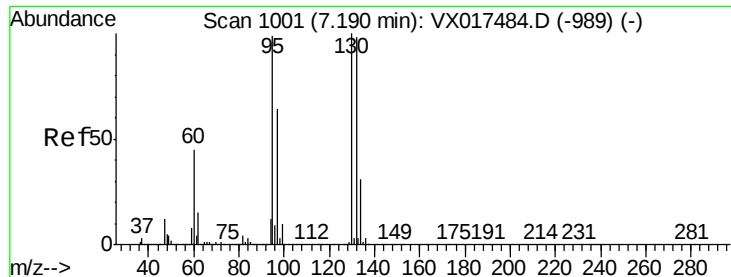


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 0.233 ug/l

RT: 7.20 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

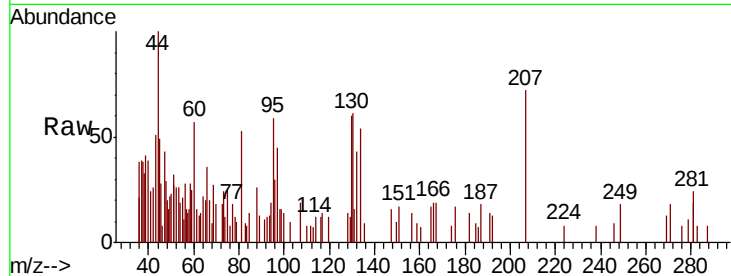
BP-VPB179-GW-153-155

Tot Ion:130 Resp: 1473

Ion Ratio Lower Upper

130 100

95 49.0 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

800

600

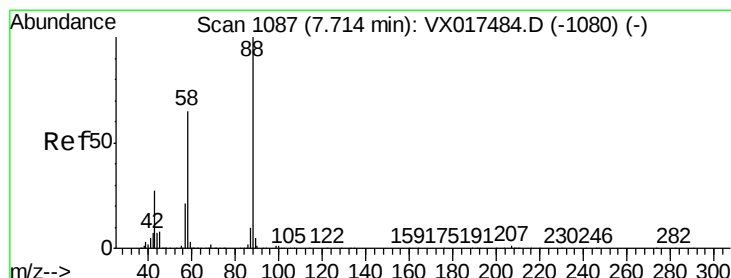
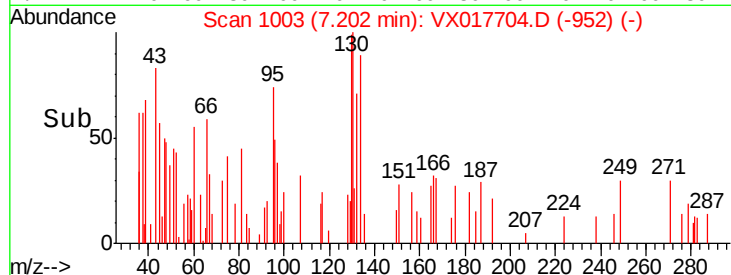
400

200

0

7.15 7.20 7.25

Time-->



#49

1,4-Dioxane

Concen: 2.302 ug/l

RT: 7.74 min Scan# 1091

Delta R.T. 0.02 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

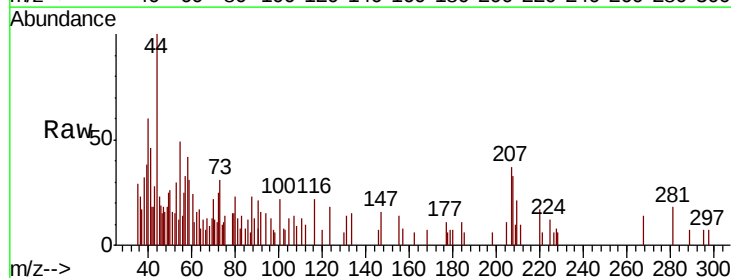
Tgt Ion: 88 Resp: 298

Ion Ratio Lower Upper

88 100

43 293.3 27.8 41.6#

58 126.5 58.3 87.5#



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

1000

800

600

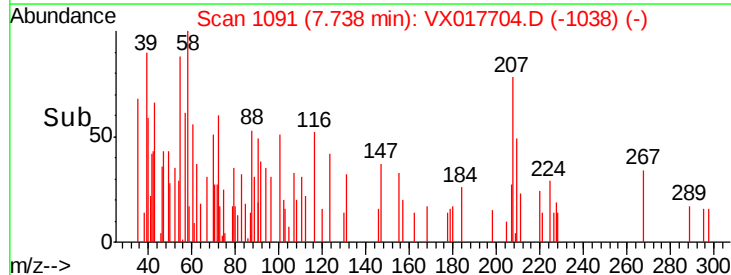
400

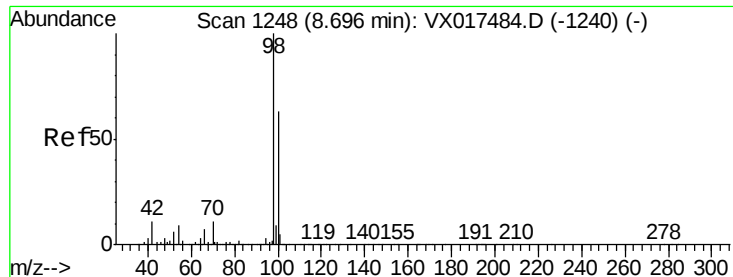
200

0

7.70 7.75

Time-->





#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

Instrument :

MSVOA_X

ClientSampleId :

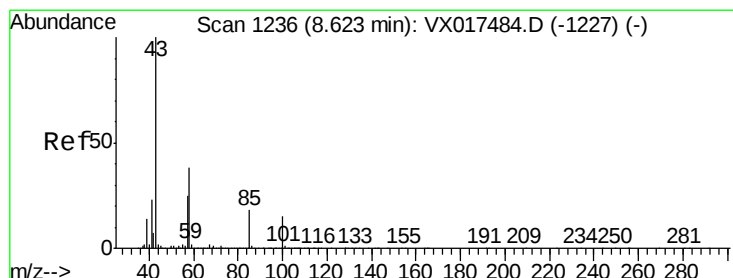
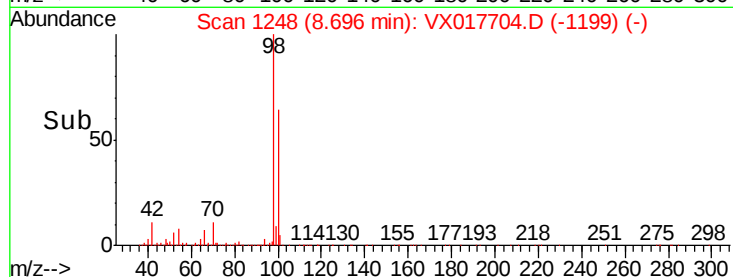
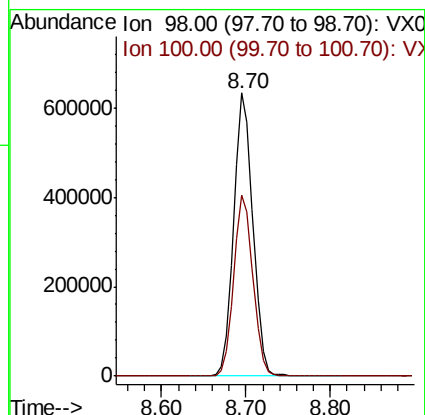
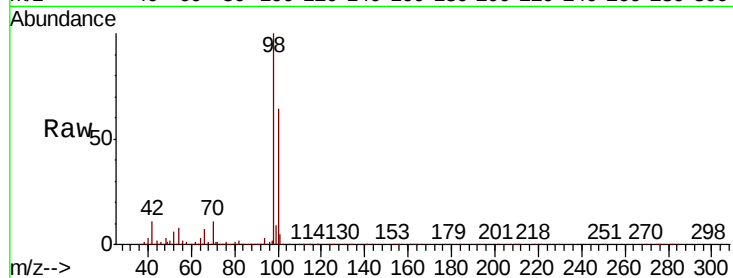
BP-VPB179-GW-153-155

Tot Ion: 98 Resp: 976037

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.738 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017704.D

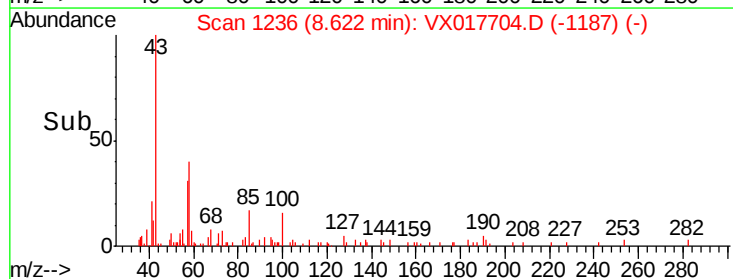
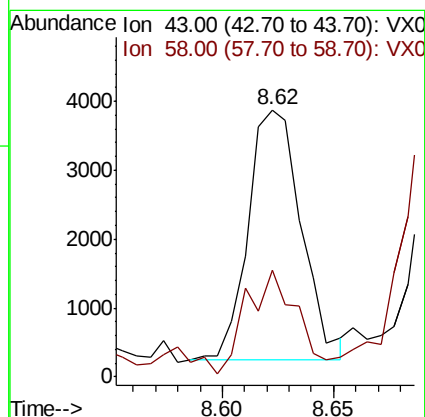
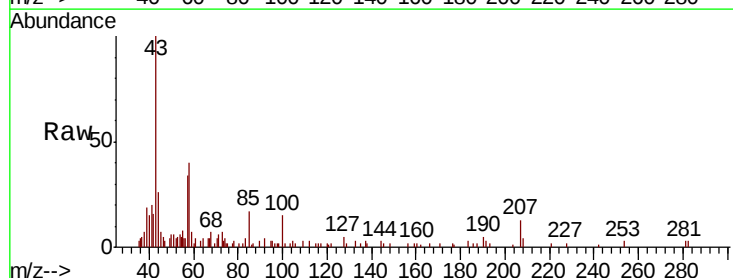
Acq: 31 Jul 2020 16:15

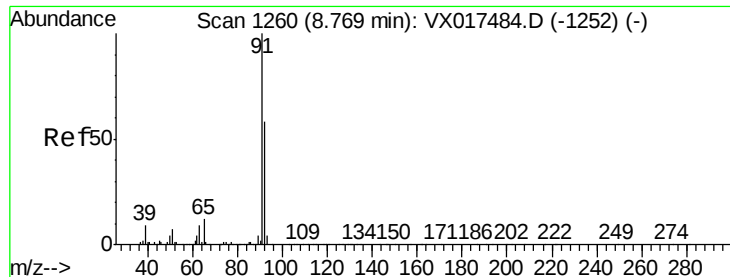
Tgt Ion: 43 Resp: 5994

Ion Ratio Lower Upper

43 100

58 38.9 31.0 46.4





#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 :

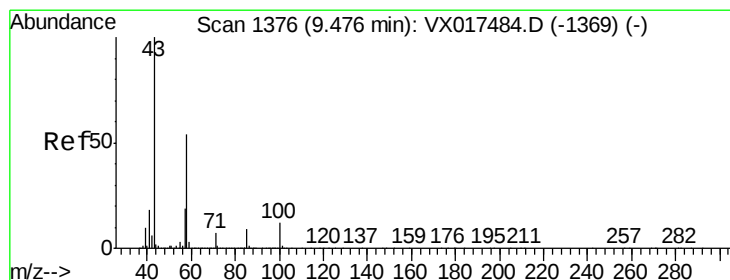
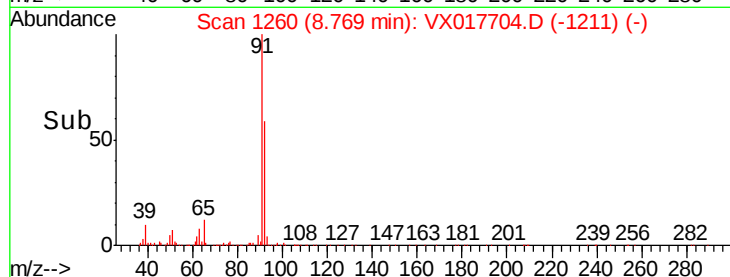
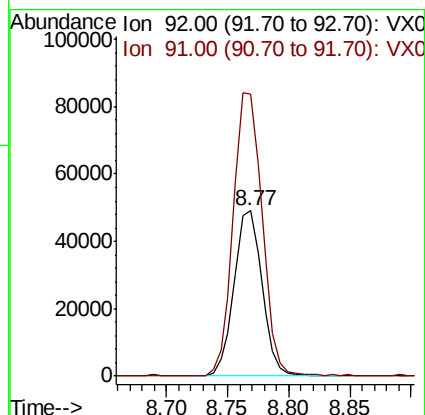
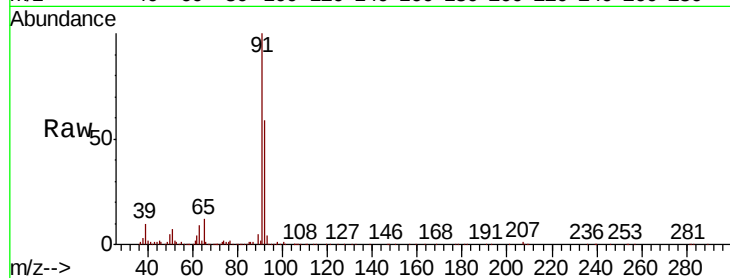
BP-VPB179-GW-153-155

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

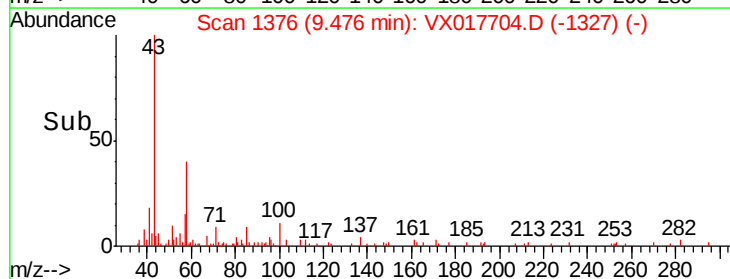
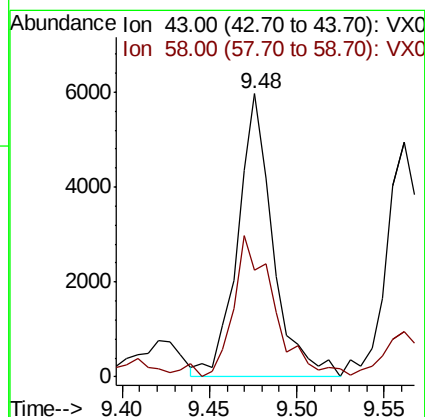
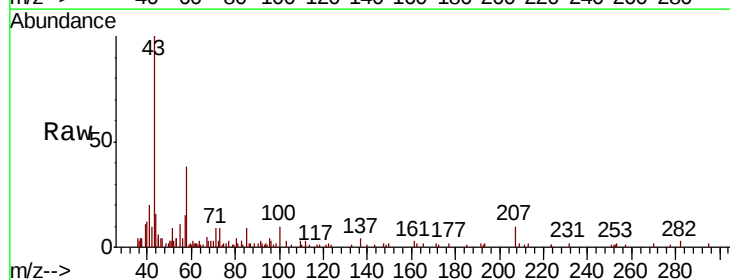
Acq: 31 Jul 2020 16:15

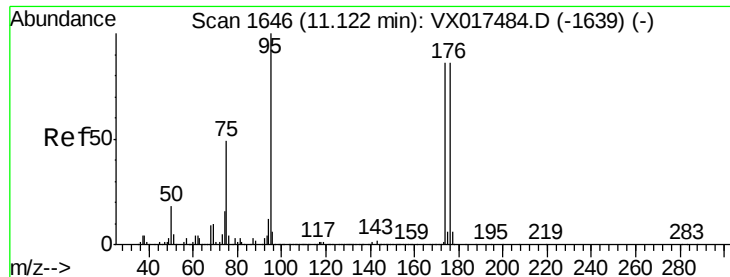
Tgt Ion: 43 Resp: 8313

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

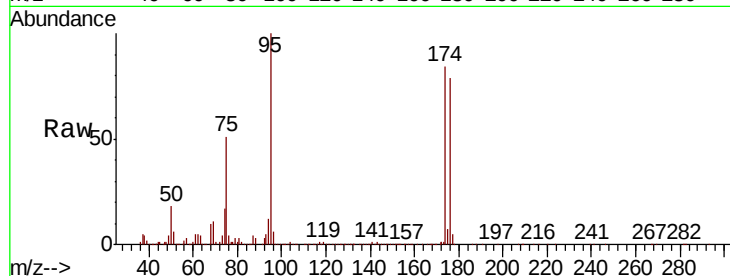
Tot Ion: 95 Resp: 446046

Ion Ratio Lower Upper

95 100

174 84.6 0.0 169.0

176 82.9 0.0 161.0



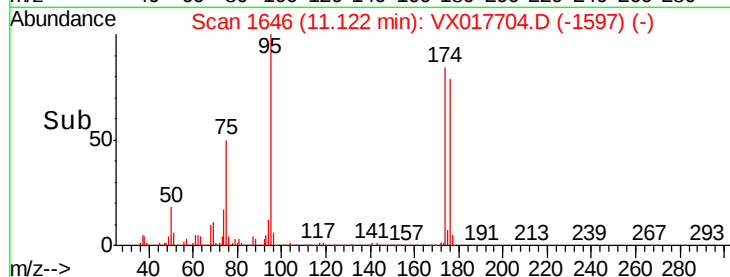
Abundance Ion 94.90 (94.60 to 95.60): VX017704.D (-1597) (-)

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

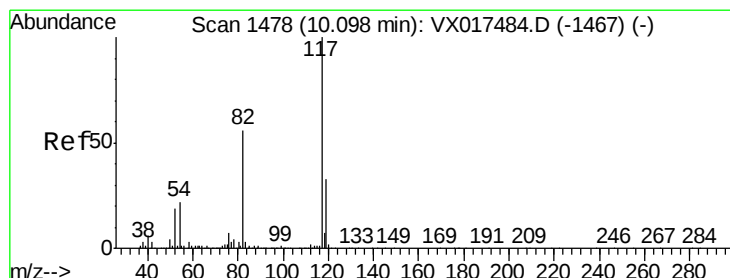
Ion 175.80 (175.50 to 176.50): VX017704.D (-1597) (-)

11.12

Time-->



Time-->



#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

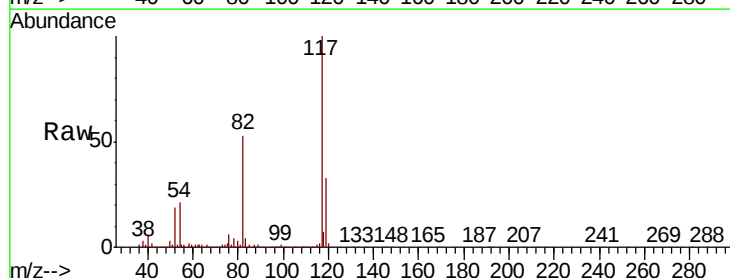
Tgt Ion: 117 Resp: 842194

Ion Ratio Lower Upper

117 100

82 53.4 44.0 66.0

119 32.8 25.4 38.0



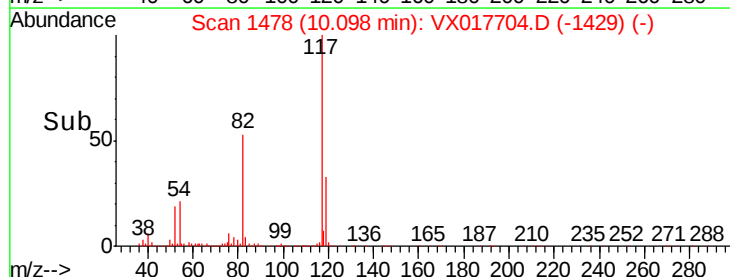
Abundance Ion 116.90 (116.60 to 117.60): VX017704.D (-1429) (-)

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

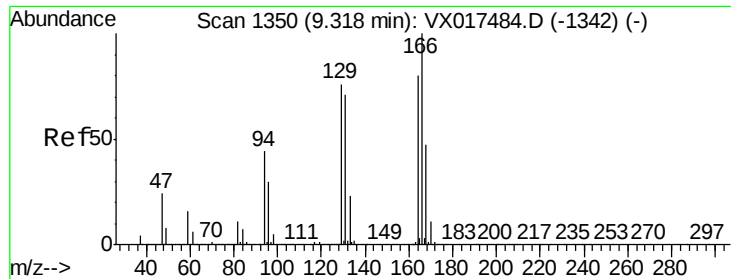
Ion 118.90 (118.60 to 119.60): VX017704.D (-1429) (-)

10.10

Time-->



Time-->



#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

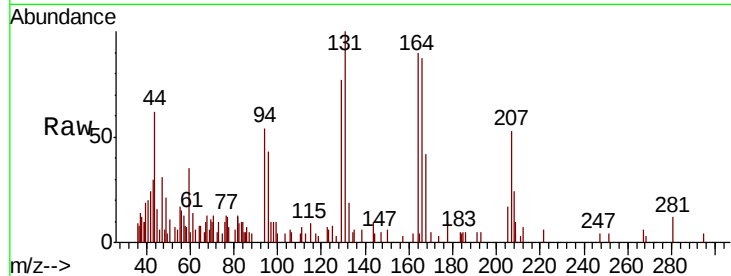
Ion Ratio Lower Upper

164 100

166 96.7 100.6 150.8#

129 81.9 75.0 112.6

131 110.8 75.2 112.8



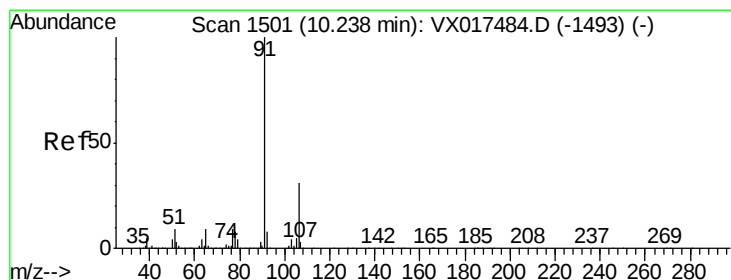
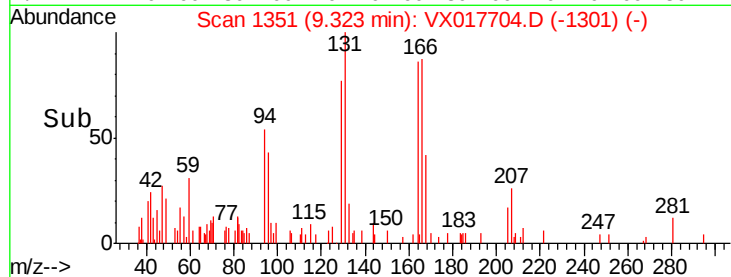
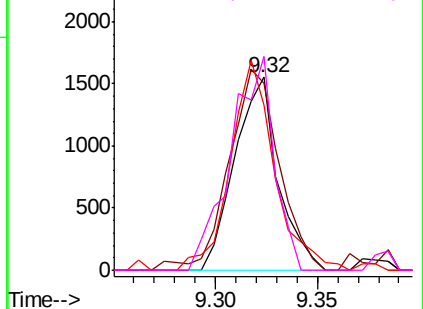
Abundance

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

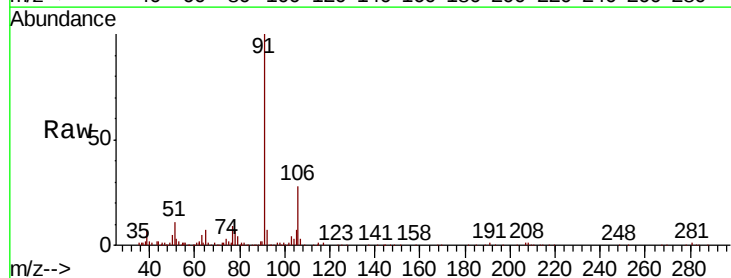
Acq: 31 Jul 2020 16:15

Tgt Ion: 91 Resp: 46049

Ion Ratio Lower Upper

91 100

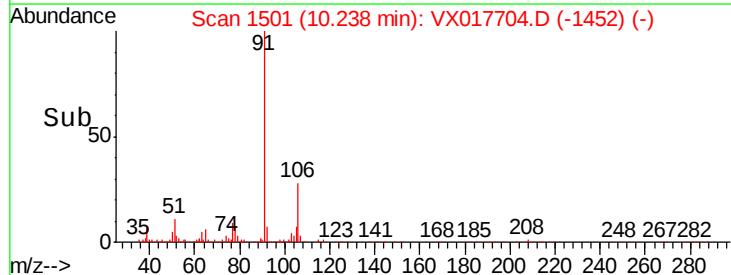
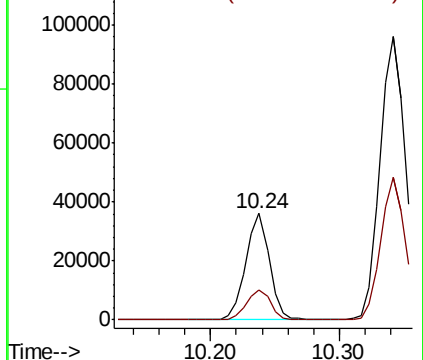
106 28.4 25.8 38.6

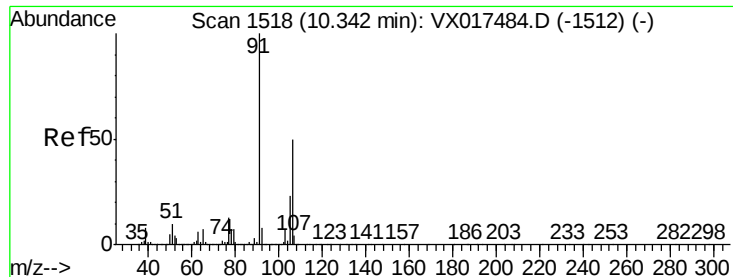


Abundance

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 :

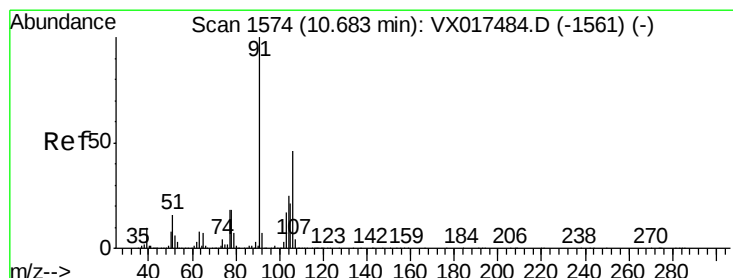
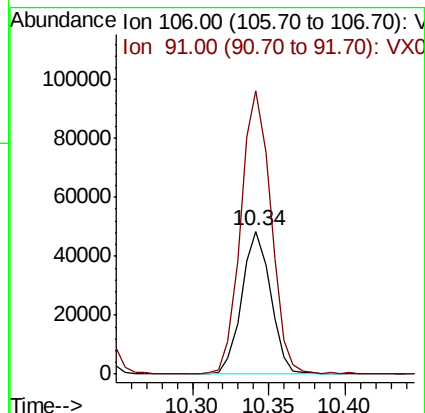
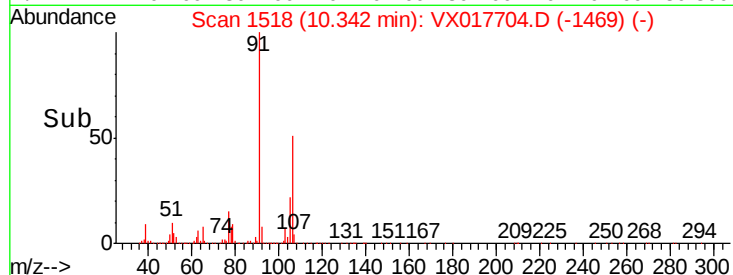
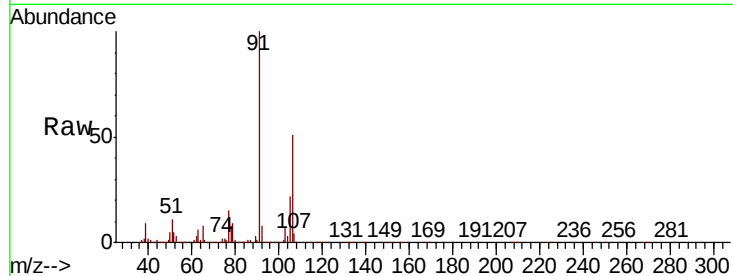
BP-VPB179-GW-153-155

Tot Ion:106 Resp: 63963

Ion Ratio Lower Upper

106 100

91 204.2 160.9 241.3



#69

o-Xylene

Concen: 3.106 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017704.D

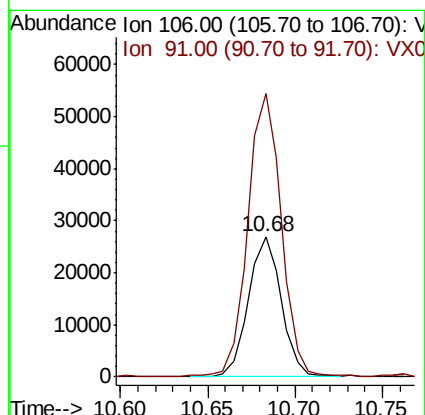
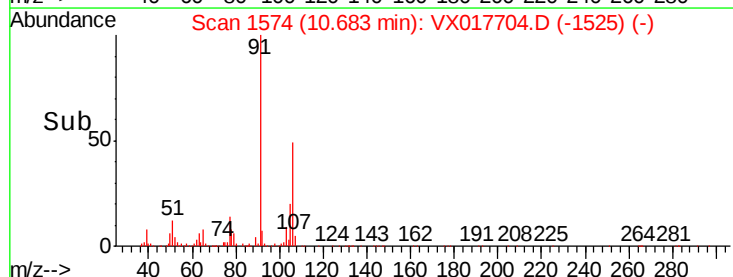
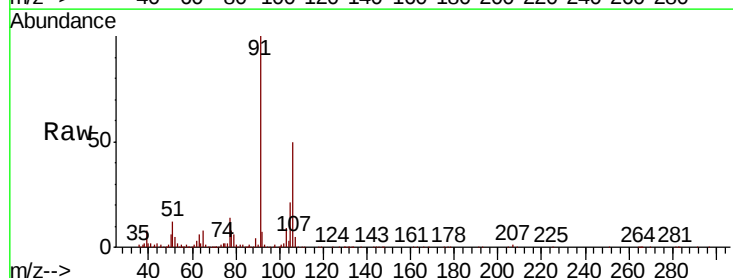
Acq: 31 Jul 2020 16:15

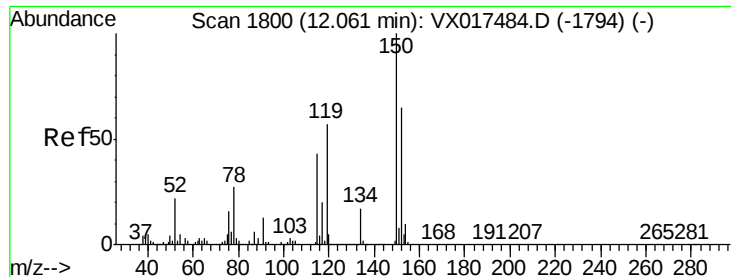
Tgt Ion:106 Resp: 35214

Ion Ratio Lower Upper

106 100

91 206.2 108.2 324.6





#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

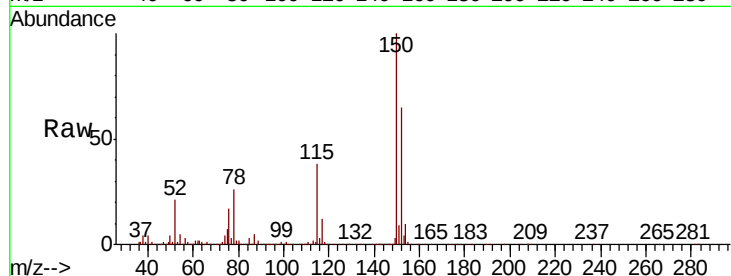
Tot Ion:152 Resp: 481531

Ion Ratio Lower Upper

152 100

115 57.0 65.5 196.6#

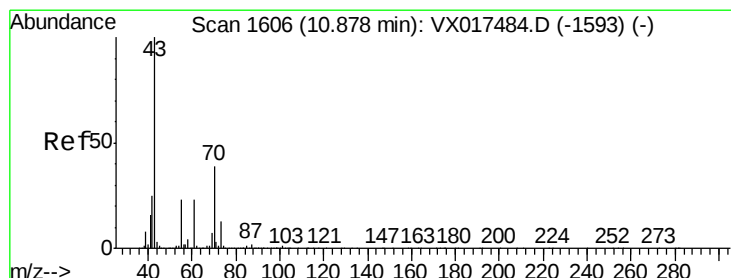
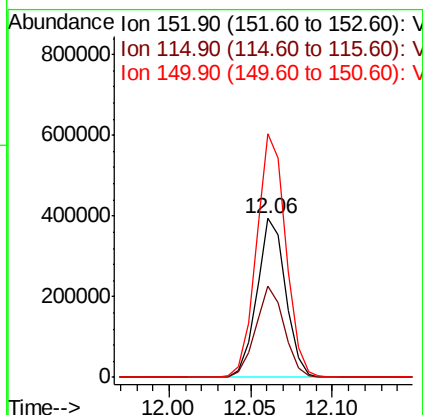
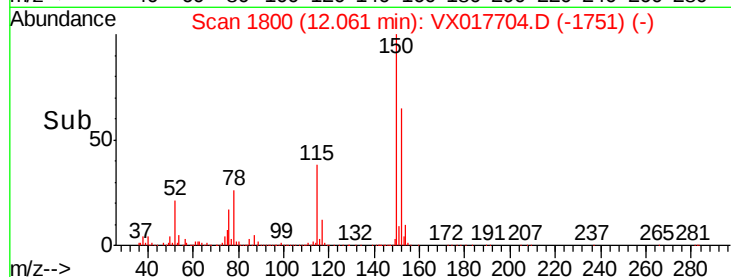
150 156.3 0.0 412.6



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



#74

N-ethyl acetate

Concen: 0.311 ug/l

RT: 10.90 min Scan# 1609

Delta R.T. 0.02 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Tgt Ion: 43 Resp: 4570

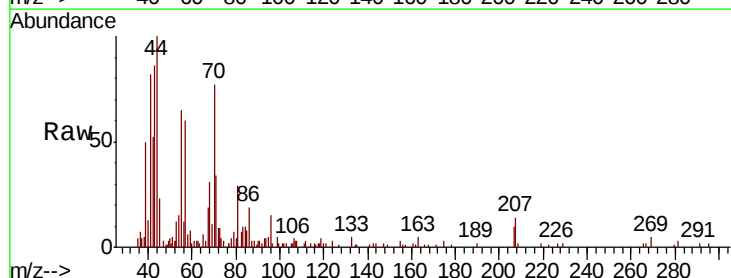
Ion Ratio Lower Upper

43 100

70 120.9 32.3 48.5#

55 87.7 18.4 27.6#

61 0.0 18.6 28.0#

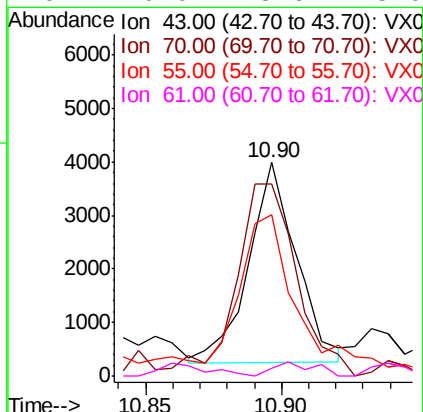
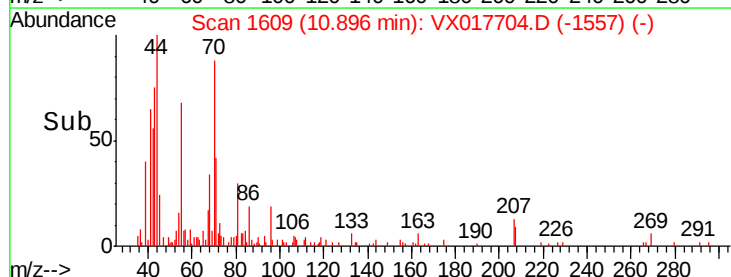


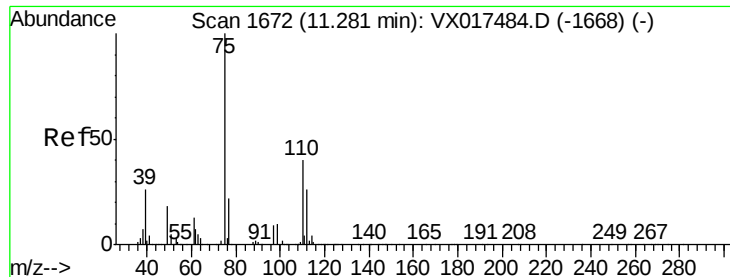
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 22.903 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

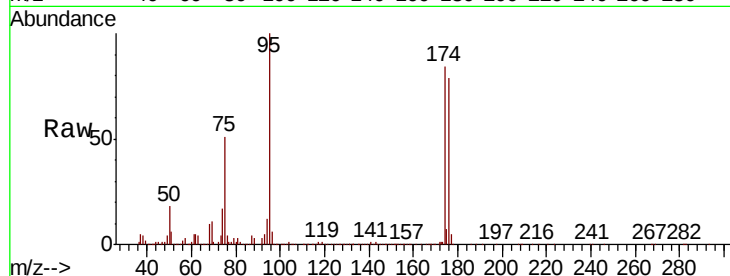
BP-VPB179-GW-153-155

Tot Ion: 75 Resp: 226858

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

200000

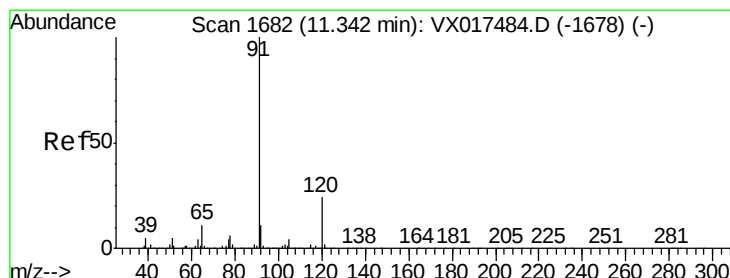
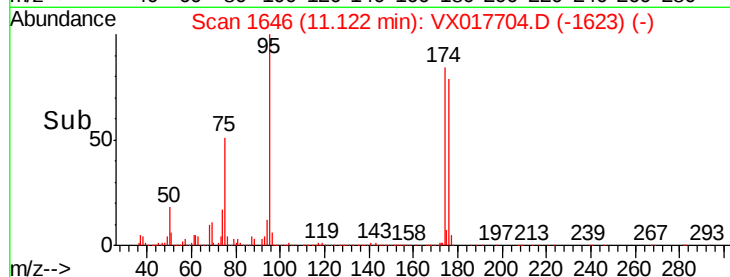
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 0.552 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017704.D

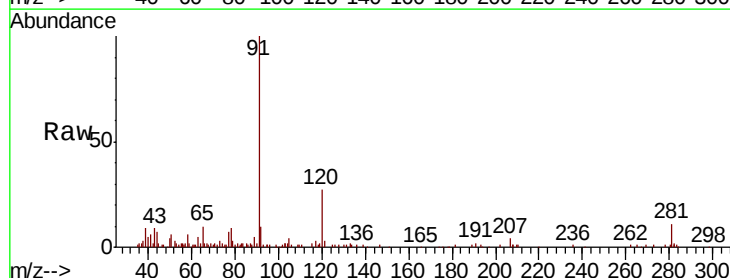
Acq: 31 Jul 2020 16:15

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

11.34

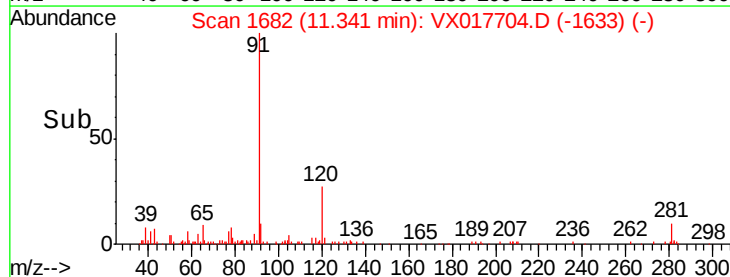
15000

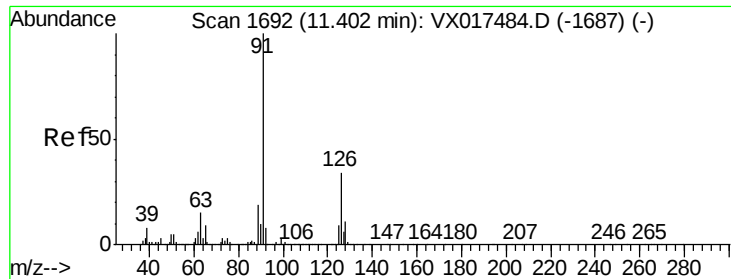
10000

5000

0

Time-->

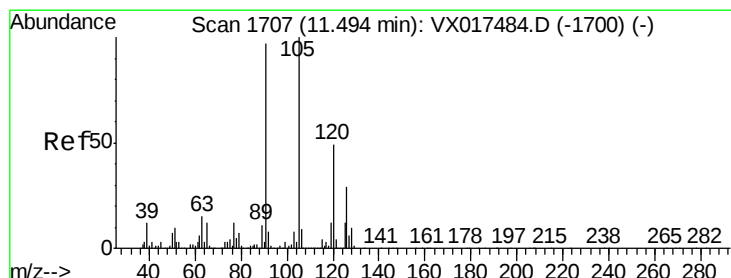
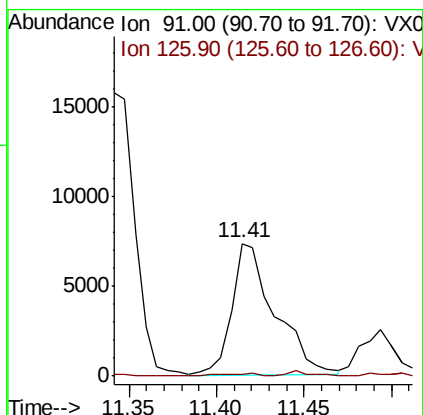
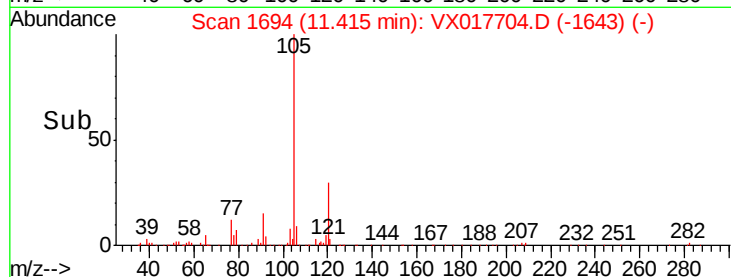
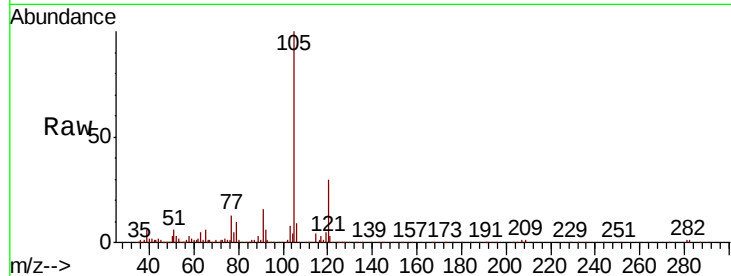




#79
 2-Chlorotoluene
 Concen: 0.546 ug/l
 RT: 11.41 min Scan# 1694
 Delta R.T. 0.01 min
 Lab File: VX017704.D
 Acq: 31 Jul 2020 16:15

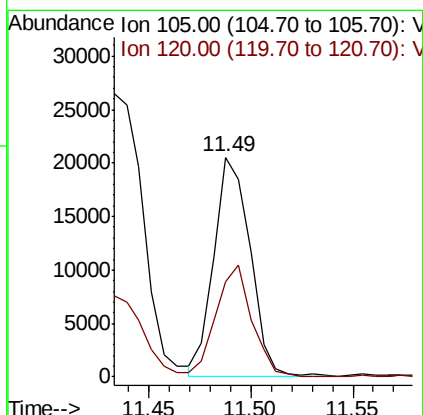
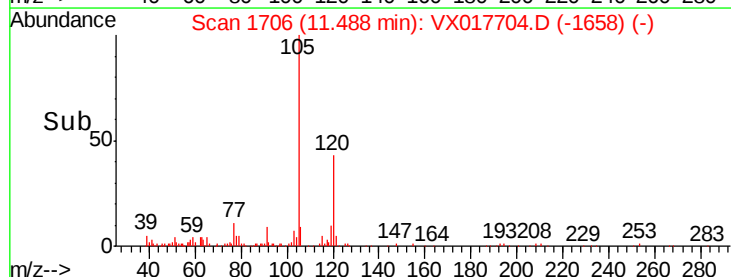
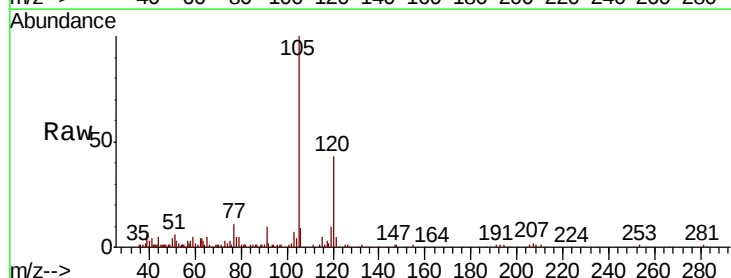
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-153-155

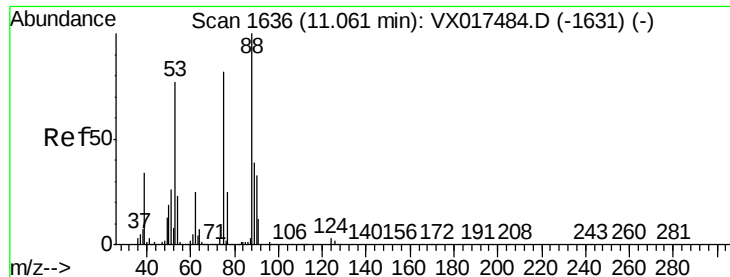
Tot Ion: 91 Resp: 12606
 Ion Ratio Lower Upper
 91 100
 126 1.8 17.5 52.5#



#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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 57.710 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017704.D

Acq: 31 Jul 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-153-155

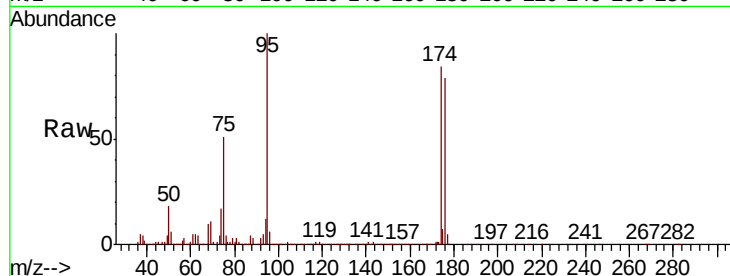
Tot Ion: 75 Resp: 226858

Ion Ratio Lower Upper

75 100

53 0.4 75.9 113.9#

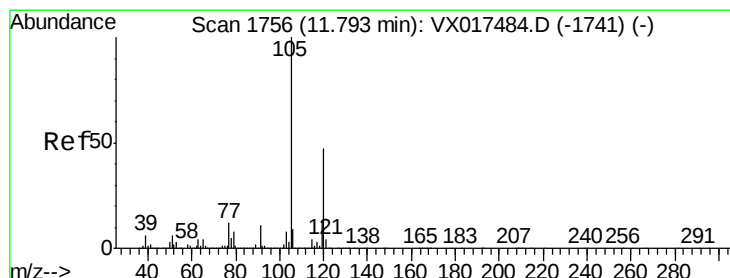
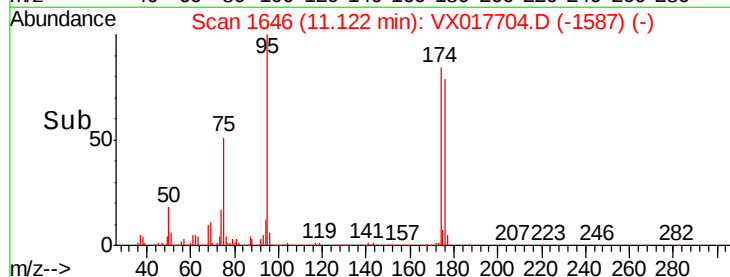
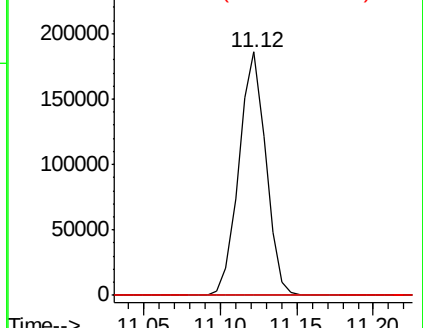
89 0.0 37.8 56.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#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

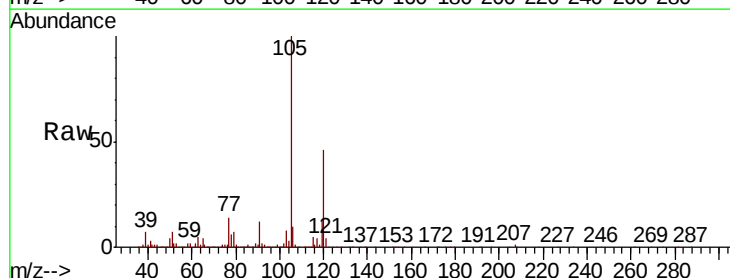
Acq: 31 Jul 2020 16:15

Tgt Ion: 105 Resp: 113963

Ion Ratio Lower Upper

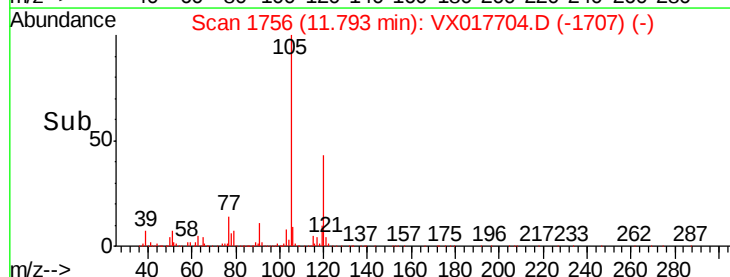
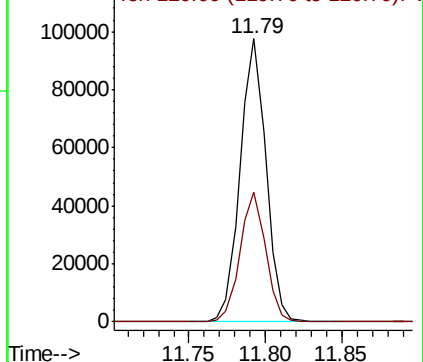
105 100

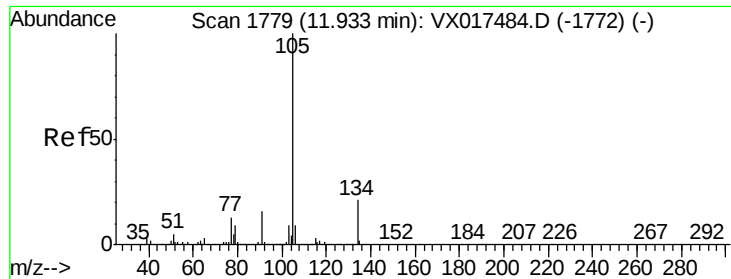
120 45.8 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

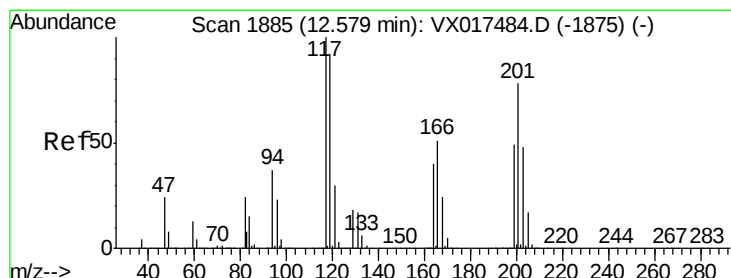
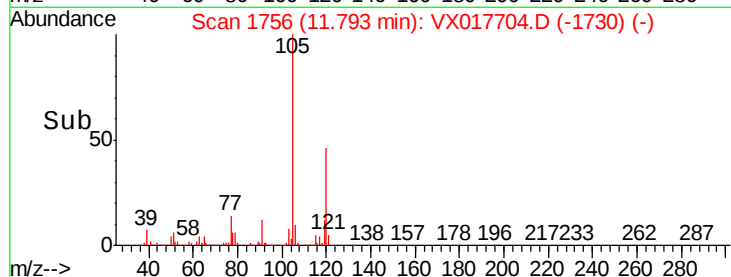
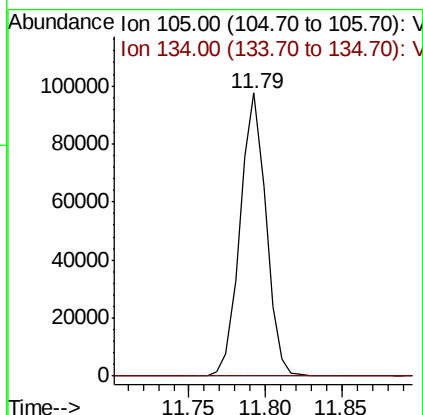
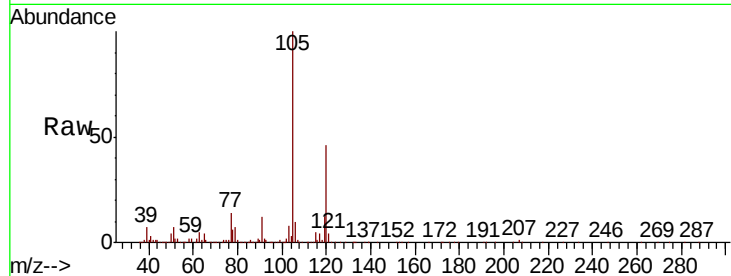




#85
 sec-Butylbenzene
 Concen: 3.625 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.14 min
 Lab File: VX017704.D
 Acq: 31 Jul 2020 16:15

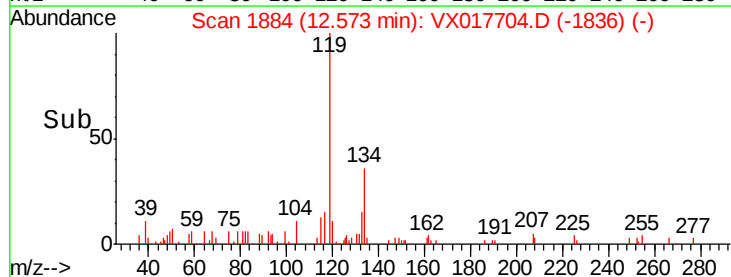
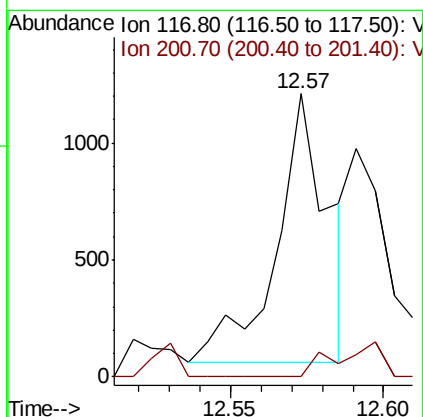
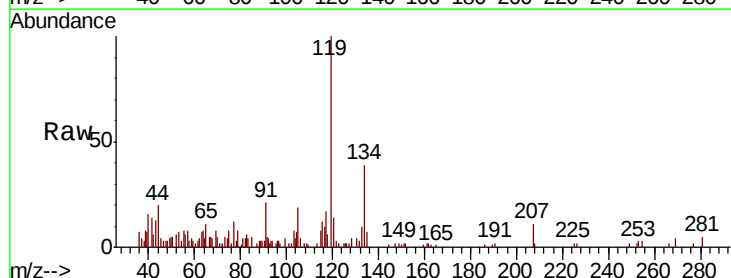
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-153-155

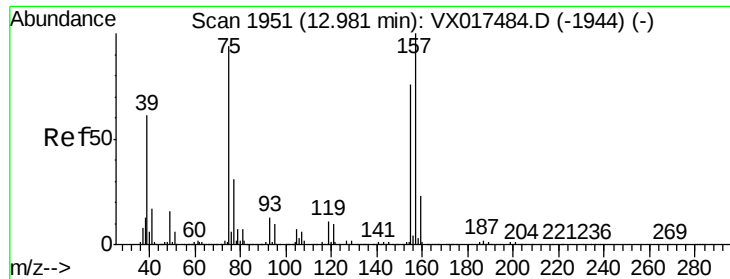
Tot Ion:105 Resp: 113963
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



#90
 Hexachloroethane
 Concen: 0.228 ug/l
 RT: 12.57 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: VX017704.D
 Acq: 31 Jul 2020 16:15

Tgt Ion:117 Resp: 1344
 Ion Ratio Lower Upper
 117 100
 201 0.0 42.2 126.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.801 ug/l
 RT: 12.98 min Scan# 1950
 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: 75 Resp: 689
 Ion Ratio Lower Upper
 75 100
 155 7.1 42.3 126.8#
 157 5.8 54.3 162.9#

