

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073120\  
 Data File : VX017706.D  
 Acq On : 31 Jul 2020 17:01  
 Operator : JC/SP  
 Sample : L3526-07  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB179-GW-218-220

Quant Time: Aug 01 02:47:13 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      | 5.63  | 168  | 461441   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 754942   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 816912   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 478007   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 320772   | 54.12 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.24% |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 266255   | 52.73 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.46% |          |
| 50) Toluene-d8              | 8.70  | 98   | 949519   | 52.13 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.26% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 456866   | 62.67 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 125.34% |          |

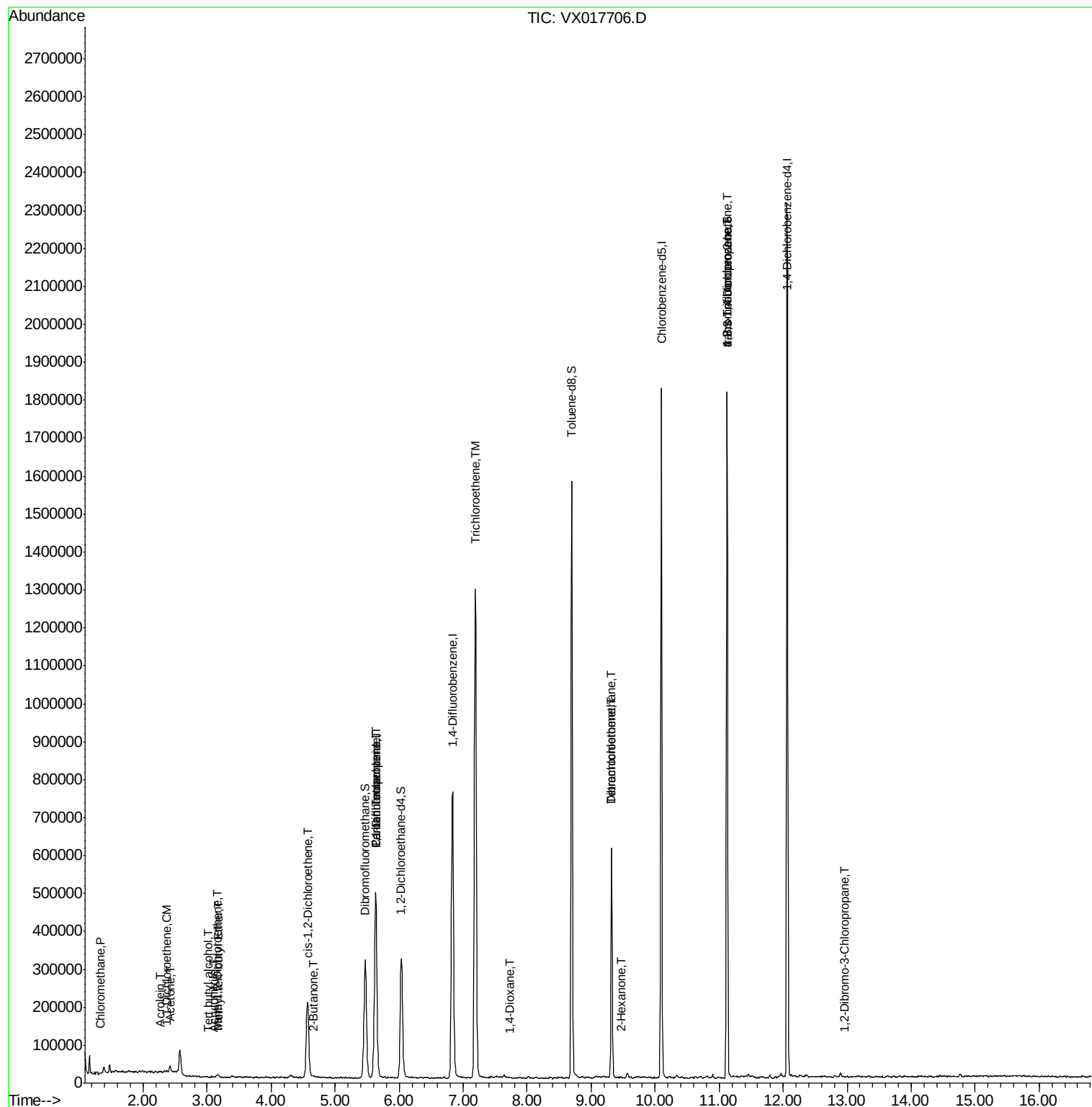
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.20  | 85   | 217      | Below Cal | #      | 42     |
| 3) Chloromethane               | 1.32  | 50   | 1772     | 0.675     | ug/l # | 74     |
| 5) Bromomethane                | 1.62  | 94   | 361      | Below Cal | #      | 42     |
| 6) Chloroethane                | 1.70  | 64   | 384      | Below Cal | #      | 44     |
| 8) Diethyl Ether               | 2.13  | 74   | 320      | Below Cal |        | 91     |
| 11) Tert butyl alcohol         | 3.01  | 59   | 409      | 0.327     | ug/l # | 38     |
| 12) 1,1-Dichloroethene         | 2.36  | 96   | 1281     | 0.269     | ug/l # | 63     |
| 13) Acrolein                   | 2.26  | 56   | 451      | 4.614     | ug/l # | 78     |
| 15) Acrylonitrile              | 3.11  | 53   | 577      | 0.214     | ug/l # | 74     |
| 16) Acetone                    | 2.42  | 43   | 15628    | 5.990     | ug/l # | 88     |
| 19) Methyl tert-butyl Ether    | 3.17  | 73   | 6327     | 0.384     | ug/l # | 73     |
| 20) Methylene Chloride         | 2.84  | 84   | 1080     | Below Cal | #      | 44     |
| 21) trans-1,2-Dichloroethene   | 3.15  | 96   | 1340     | 0.262     | ug/l   | 97     |
| 25) 2-Butanone                 | 4.65  | 43   | 5091     | 1.374     | ug/l # | 67     |
| 27) cis-1,2-Dichloroethene     | 4.57  | 96   | 131350   | 23.684    | ug/l   | 86     |
| 36) 1,1-Dichloropropene        | 5.63  | 75   | 35071    | 4.844     | ug/l # | 53     |
| 38) Carbon Tetrachloride       | 5.63  | 117  | 46284    | 5.264     | ug/l # | 19     |
| 44) Trichloroethene            | 7.19  | 130  | 508301   | 83.789    | ug/l   | 100    |
| 49) 1,4-Dioxane                | 7.73  | 88   | 213      | 1.715     | ug/l # | 70     |
| 59) 2-Hexanone                 | 9.48  | 43   | 1882     | 0.321     | ug/l   | 85     |
| 60) Dibromochloromethane       | 9.32  | 129  | 110702   | 15.705    | ug/l # | 11     |
| 64) Tetrachloroethene          | 9.32  | 164  | 117598   | 16.039    | ug/l   | 98     |
| 76) 1,2,3-Trichloropropane     | 11.12 | 75   | 231777   | 23.572    | ug/l # | 34     |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75   | 231777   | 59.396    | ug/l # | 12     |
| 92) 1,2-Dibromo-3-Chloropropan | 12.97 | 75   | 163      | 2.630     | ug/l # | 15     |

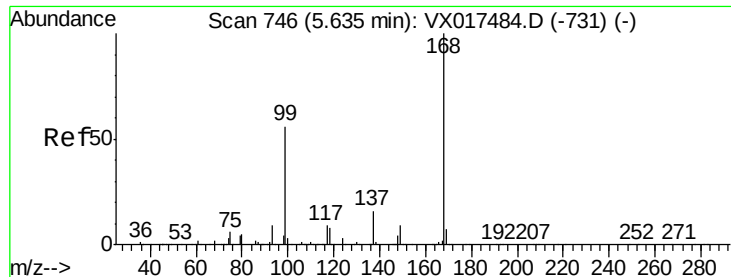
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073120\  
Data File : VX017706.D  
Acq On : 31 Jul 2020 17:01  
Operator : JC/SP  
Sample : L3526-07  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB179-GW-218-220

Quant Time: Aug 01 02:47:13 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
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: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

Instrument :

MSVOA\_X

ClientSampleId :

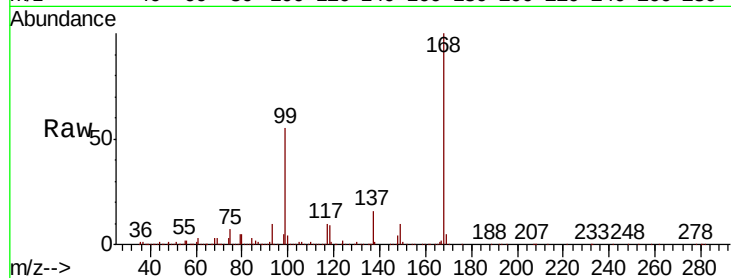
BP-VPB179-GW-218-220

Tot Ion:168 Resp: 461441

Ion Ratio Lower Upper

168 100

99 55.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

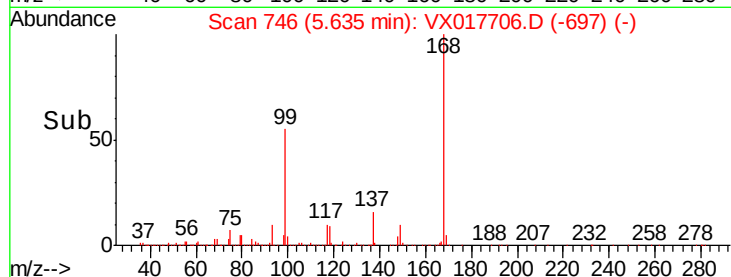
100000

50000

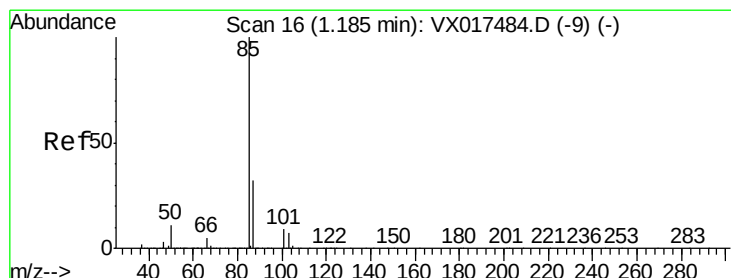
0

5.50 5.60 5.70

5.63



Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 18

Delta R.T. 0.01 min

Lab File: VX017706.D

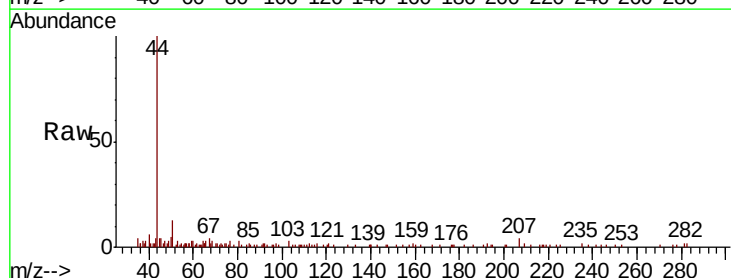
Acq: 31 Jul 2020 17:01

Tgt Ion: 85 Resp: 217

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300

250

200

150

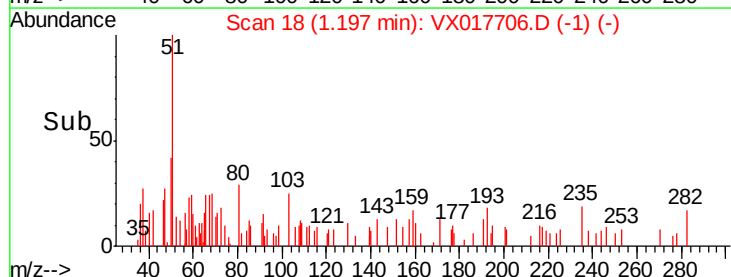
100

50

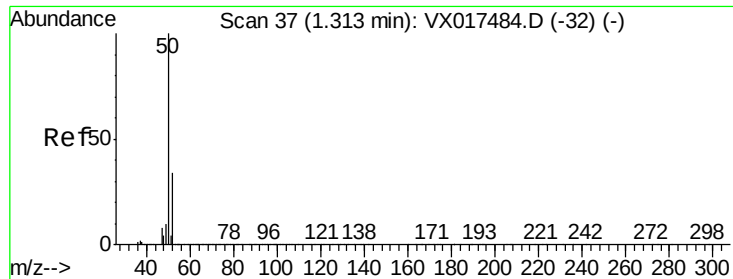
0

1.14 1.16 1.18 1.20 1.22

1.20



Time-->



#3

Chloromethane

Concen: 0.675 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

Instrument :

MSVOA\_X

ClientSampleId :

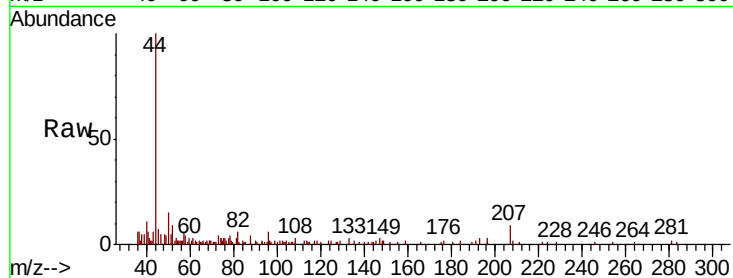
BP-VPB179-GW-218-220

Tot Ion: 50 Resp: 1772

Ion Ratio Lower Upper

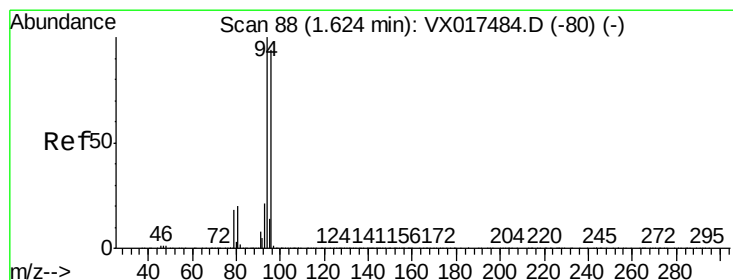
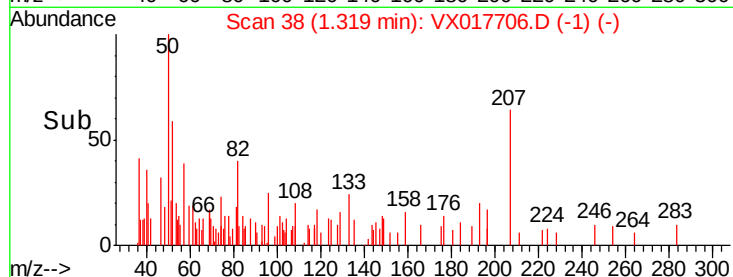
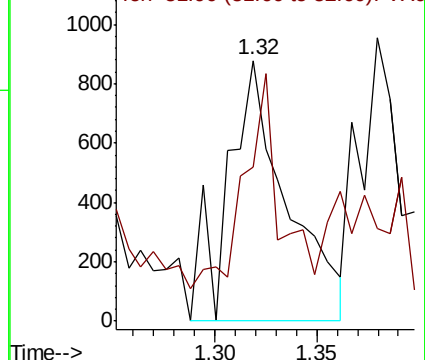
50 100

52 46.8 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: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX017706.D

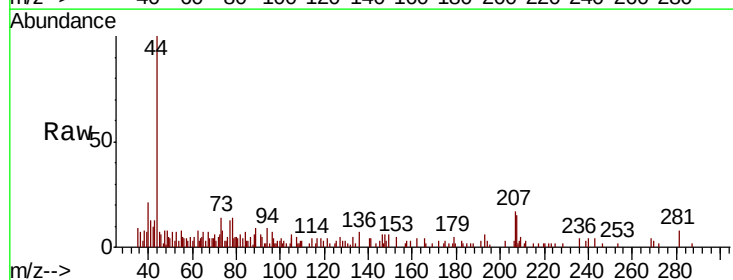
Acq: 31 Jul 2020 17:01

Tgt Ion: 94 Resp: 361

Ion Ratio Lower Upper

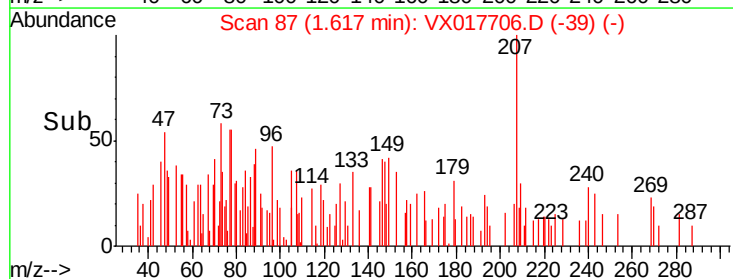
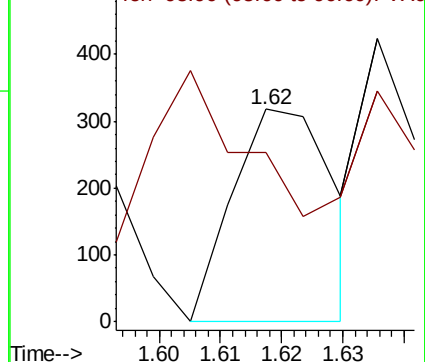
94 100

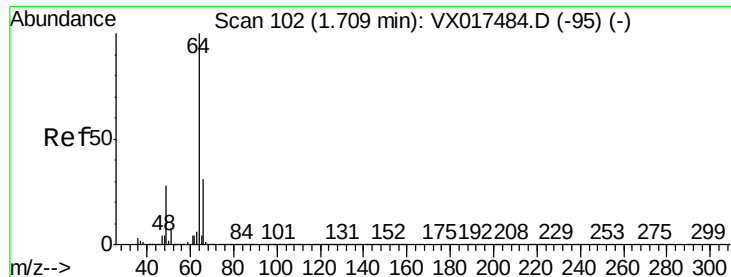
96 37.3 74.1 111.1#



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: VX017706.D

Acq: 31 Jul 2020 17:01

Instrument :

MSVOA\_X

ClientSampleId :

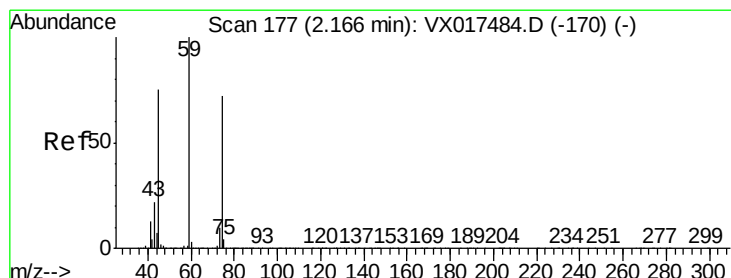
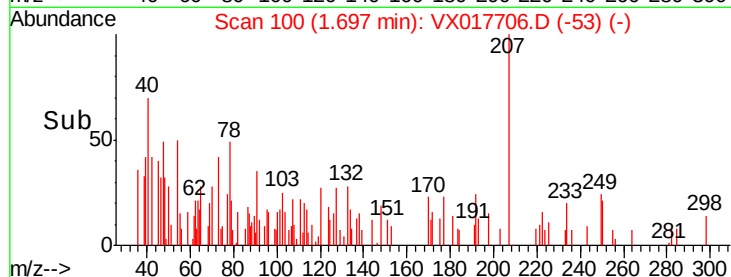
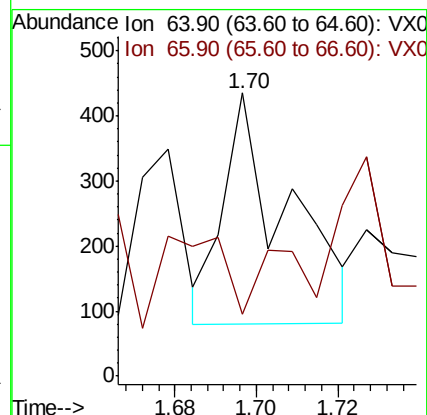
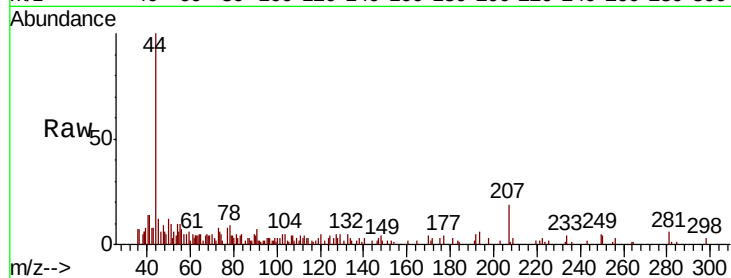
BP-VPB179-GW-218-220

Tot Ion: 64 Resp: 384

Ion Ratio Lower Upper

64 100

66 0.0 24.9 37.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.13 min Scan# 171

Delta R.T. -0.04 min

Lab File: VX017706.D

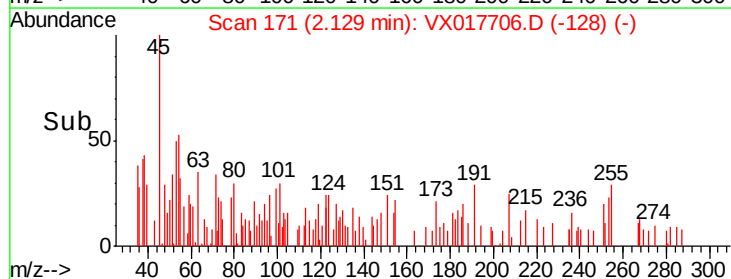
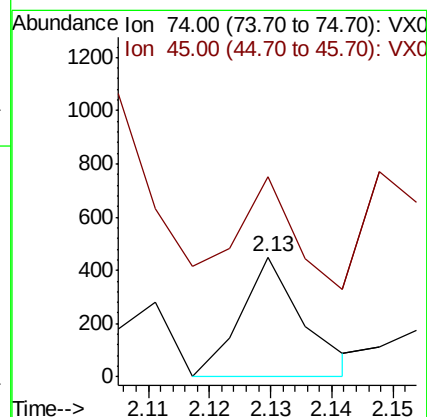
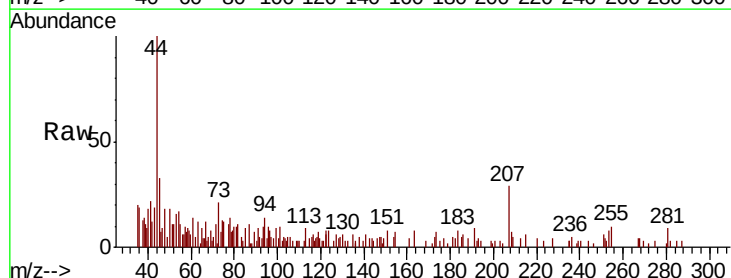
Acq: 31 Jul 2020 17:01

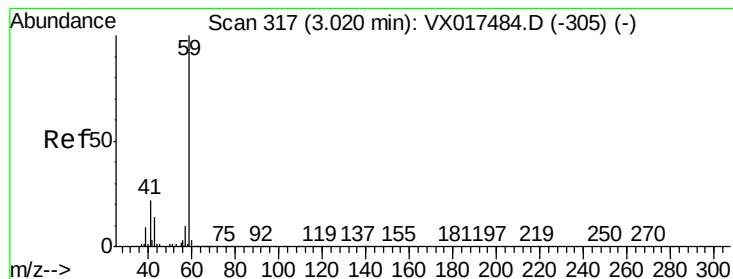
Tgt Ion: 74 Resp: 320

Ion Ratio Lower Upper

74 100

45 92.2 50.8 152.5



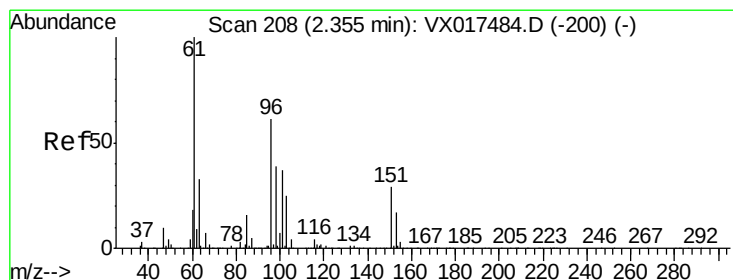
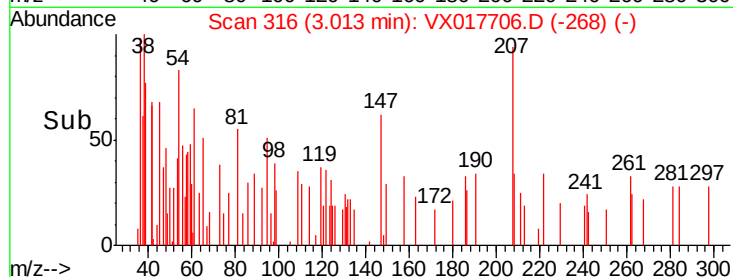
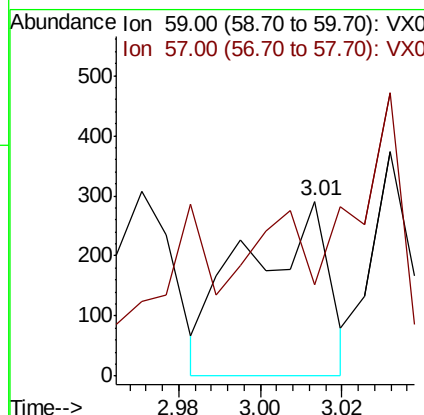
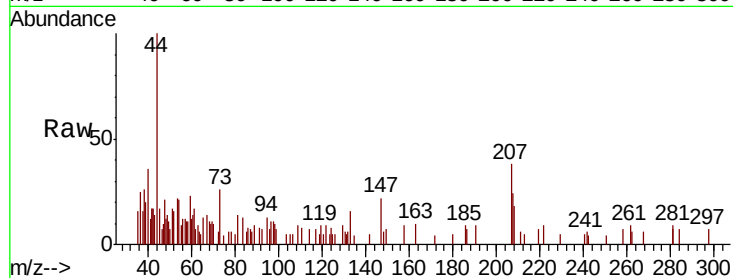


#11

Tert butyl alcohol  
Concen: 0.327 ug/l  
RT: 3.01 min Scan# 316  
Delta R.T. -0.01 min  
Lab File: VX017706.D  
Acq: 31 Jul 2020 17:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB179-GW-218-220

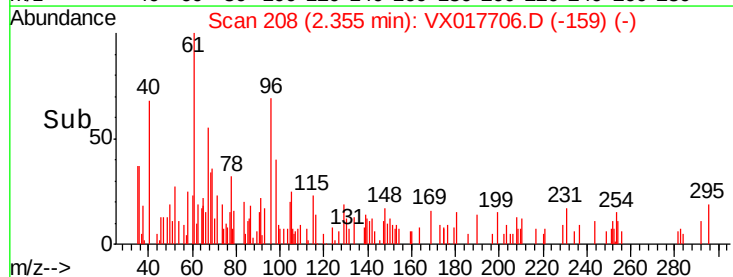
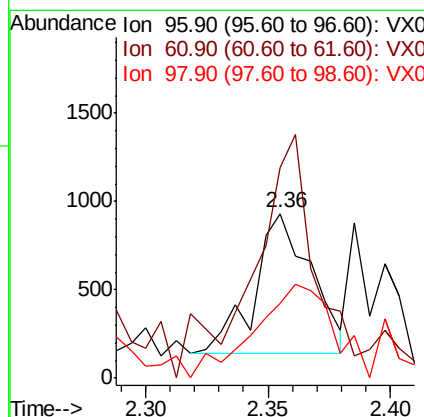
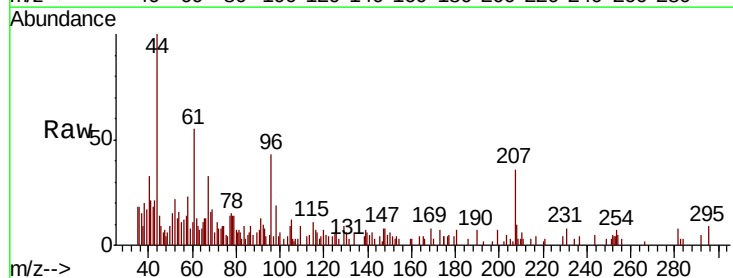
Tot Ion: 59 Resp: 409  
Ion Ratio Lower Upper  
59 100  
57 34.2 8.6 12.8#

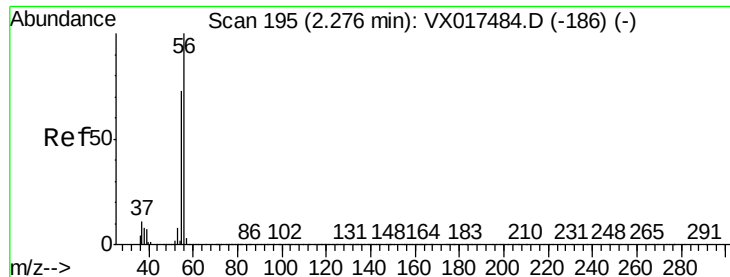


#12

1,1-Dichloroethene  
Concen: 0.269 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. -0.00 min  
Lab File: VX017706.D  
Acq: 31 Jul 2020 17:01

Tgt Ion: 96 Resp: 1281  
Ion Ratio Lower Upper  
96 100  
61 104.7 134.0 201.0#  
98 53.2 51.0 76.4





#13

Acrolein

Concen: 4.614 ug/l

RT: 2.26 min Scan# 193

Delta R.T. -0.01 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

Instrument :

MSVOA\_X

ClientSampleId :

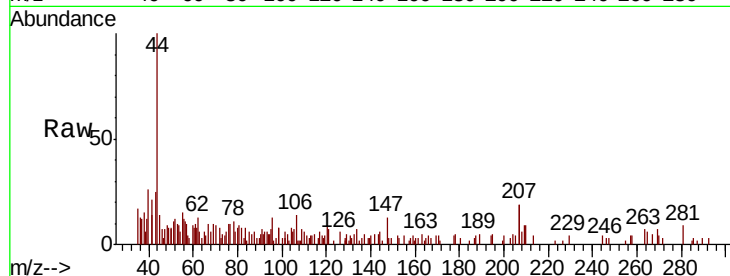
BP-VPB179-GW-218-220

Tot Ion: 56 Resp: 451

Ion Ratio Lower Upper

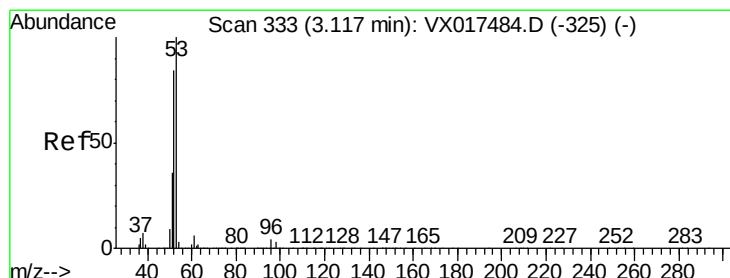
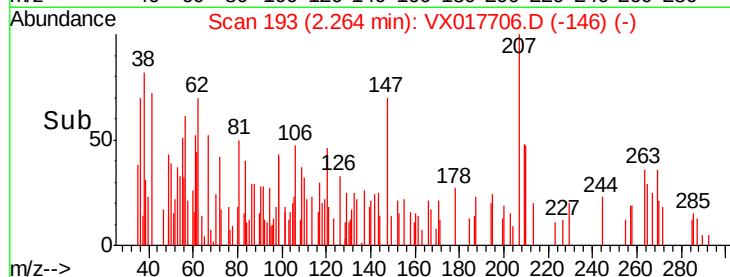
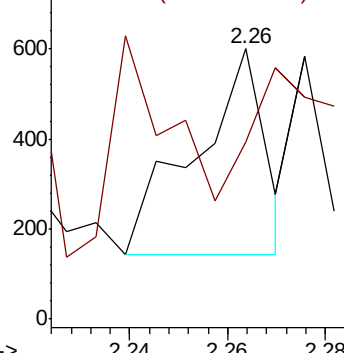
56 100

55 90.0 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.214 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

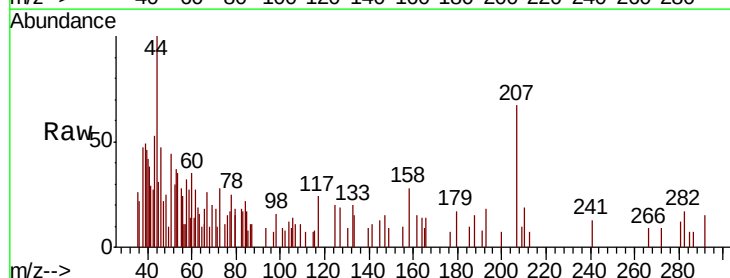
Tgt Ion: 53 Resp: 577

Ion Ratio Lower Upper

53 100

52 92.5 66.6 99.8

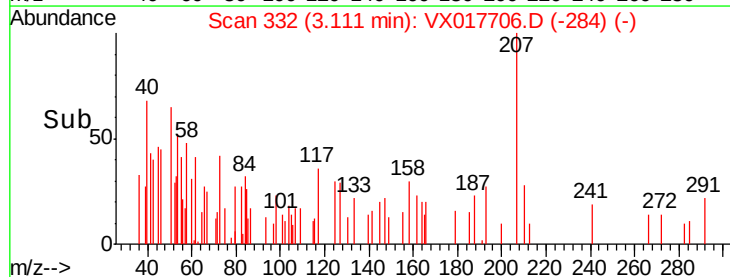
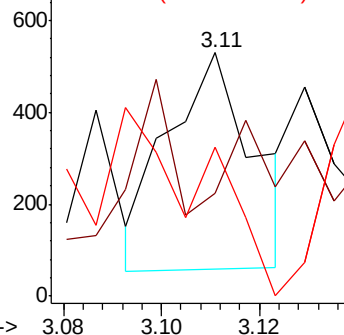
51 0.0 29.4 44.2#

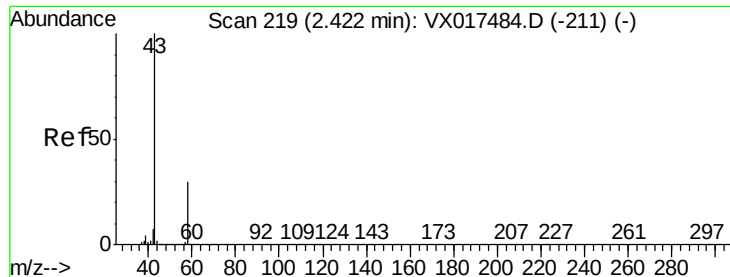


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

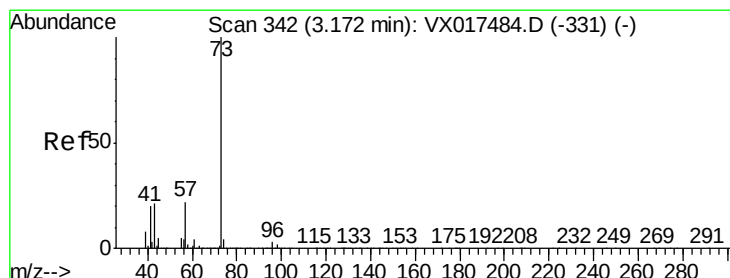
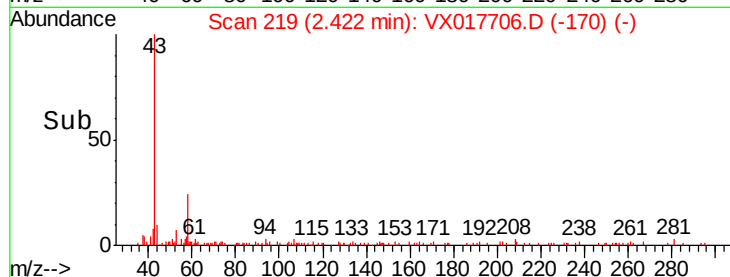
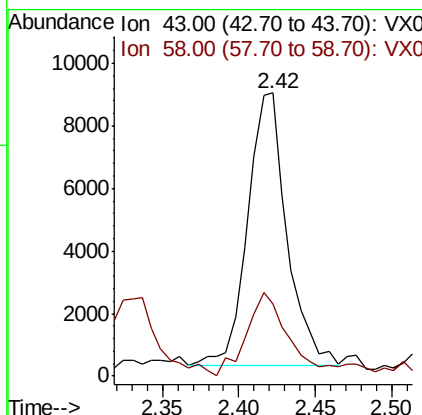
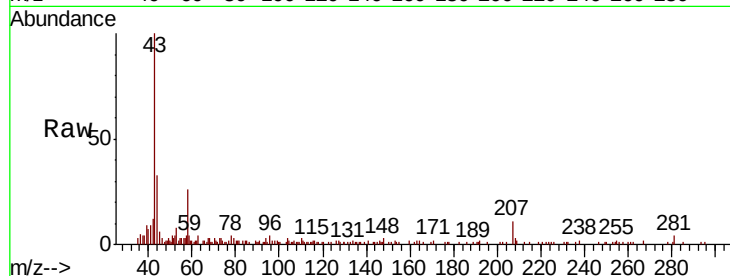




#16  
Acetone  
Concen: 5.990 ug/l  
RT: 2.42 min Scan# 219  
Delta R.T. -0.00 min  
Lab File: VX017706.D  
Acq: 31 Jul 2020 17:01

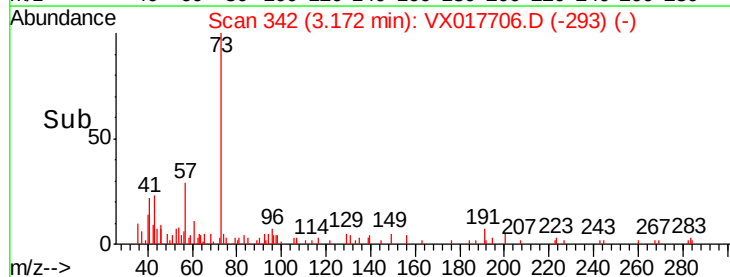
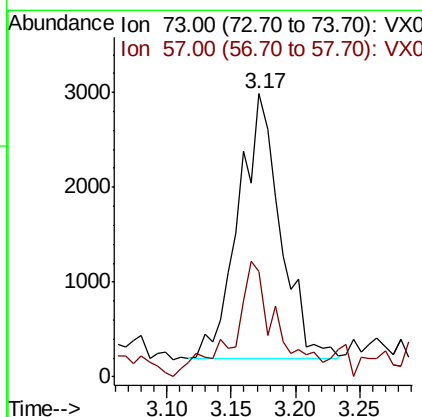
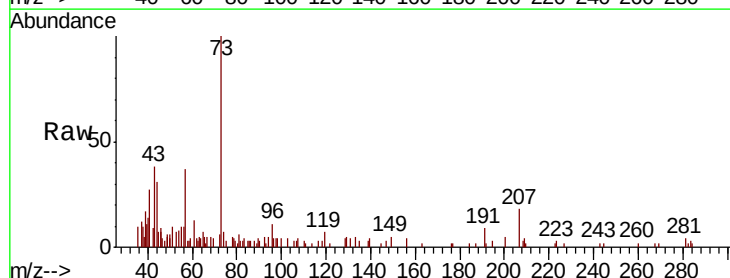
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB179-GW-218-220

Tot Ion: 43 Resp: 15628  
Ion Ratio Lower Upper  
43 100  
58 23.6 24.2 36.4#

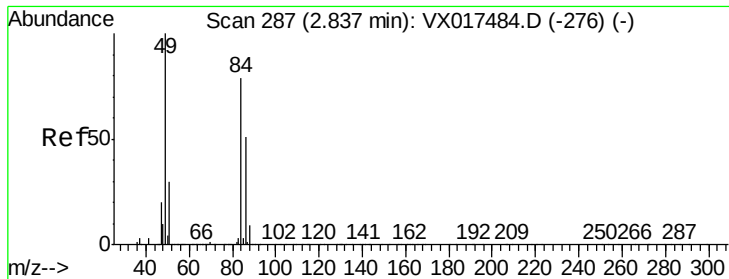


#19  
Methyl tert-butyl Ether  
Concen: 0.384 ug/l  
RT: 3.17 min Scan# 342  
Delta R.T. -0.00 min  
Lab File: VX017706.D  
Acq: 31 Jul 2020 17:01

Tgt Ion: 73 Resp: 6327  
Ion Ratio Lower Upper  
73 100  
57 34.0 17.0 25.4#



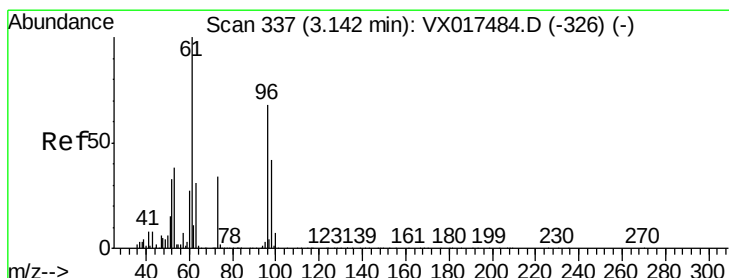
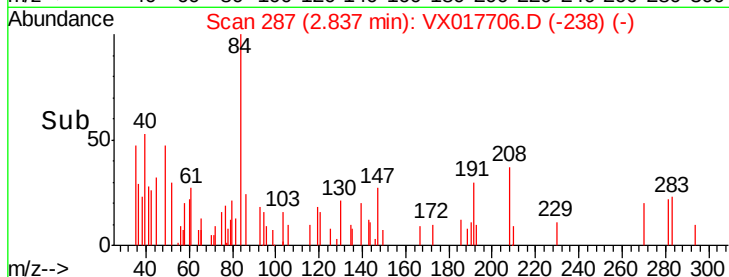
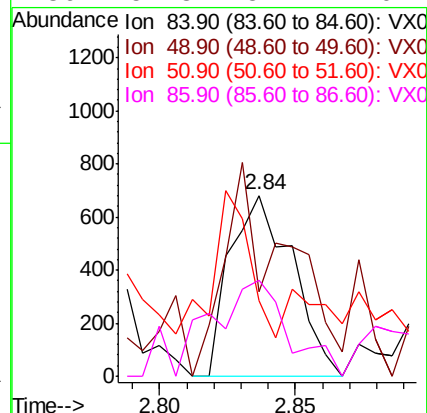
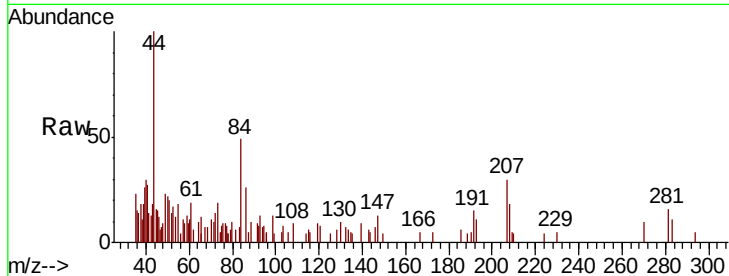




#20  
Methvlene Chloride  
Concen: Below Cal  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX017706.D  
Acq: 31 Jul 2020 17:01

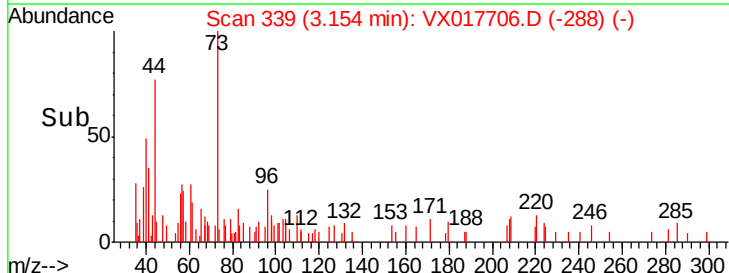
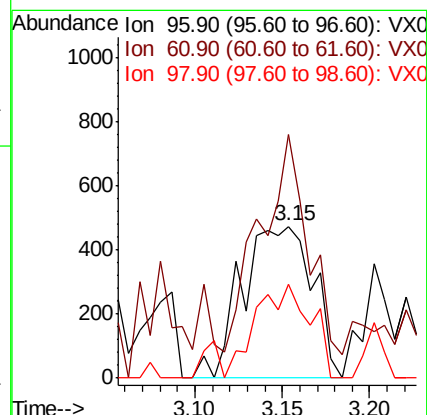
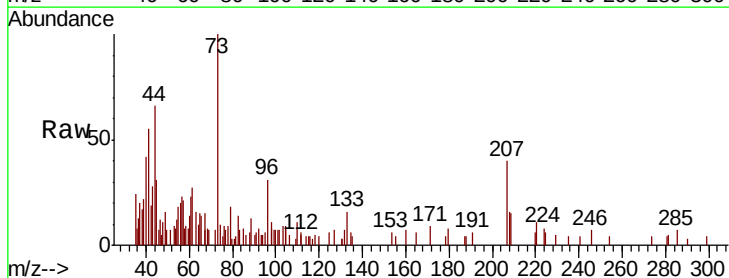
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB179-GW-218-220

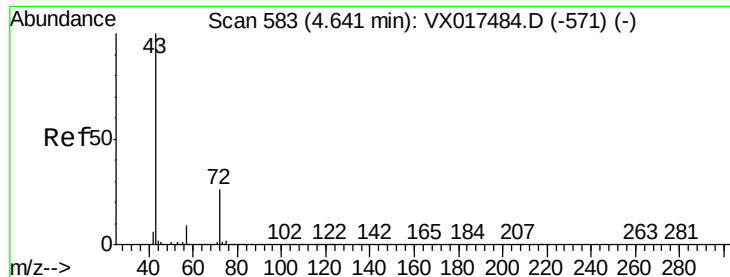
| Tot Ion   | 84    | Resp  | 1080   |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 84        | 100   |       |        |
| 49        | 33.0  | 100.3 | 150.5# |
| 51        | 13.0  | 30.5  | 45.7#  |
| 86        | 52.8  | 51.1  | 76.7   |



#21  
trans-1,2-Dichloroethene  
Concen: 0.262 ug/l  
RT: 3.15 min Scan# 339  
Delta R.T. 0.01 min  
Lab File: VX017706.D  
Acq: 31 Jul 2020 17:01

| Tgt Ion   | 96    | Resp  | 1340  |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 145.2 | 113.0 | 169.4 |
| 98        | 62.2  | 51.8  | 77.8  |





#25

2-Butanone

Concen: 1.374 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.01 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

Instrument :

MSVOA\_X

ClientSampleId :

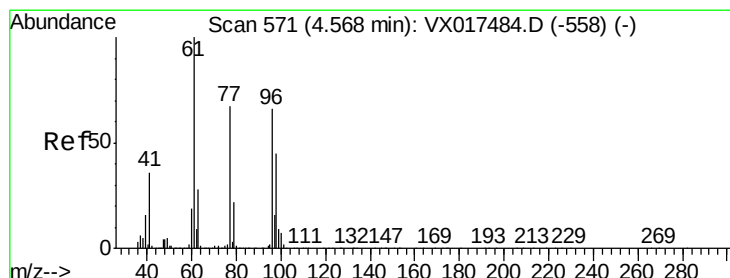
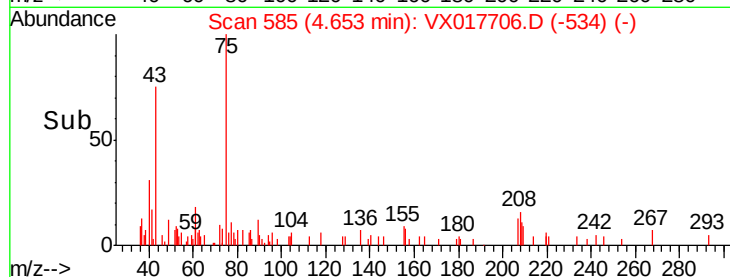
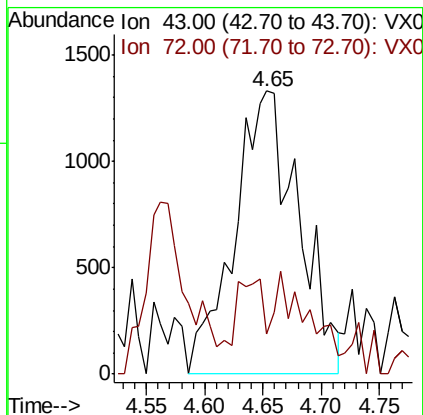
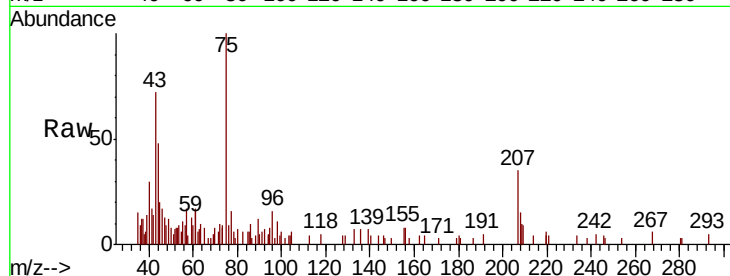
BP-VPB179-GW-218-220

Tot Ion: 43 Resp: 5091

Ion Ratio Lower Upper

43 100

72 7.7 19.0 28.4#



#27

cis-1,2-Dichloroethene

Concen: 23.684 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

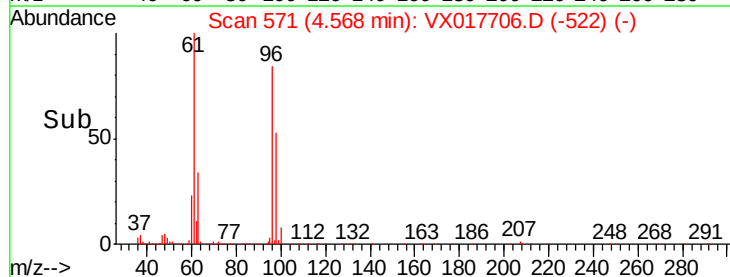
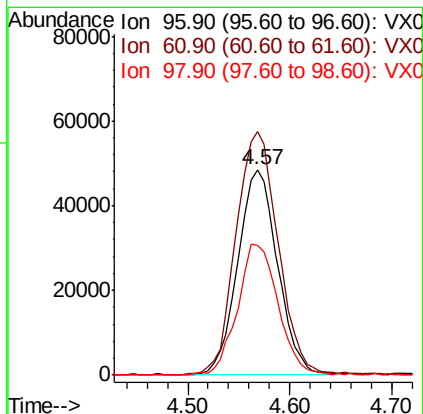
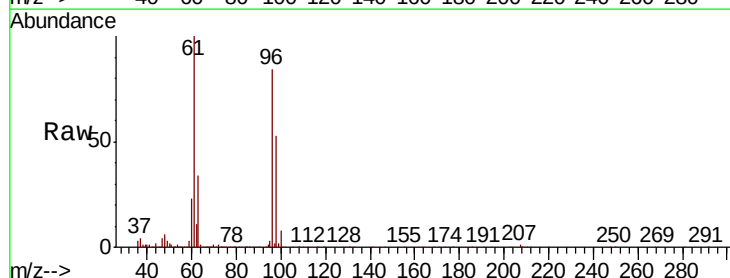
Tgt Ion: 96 Resp: 131350

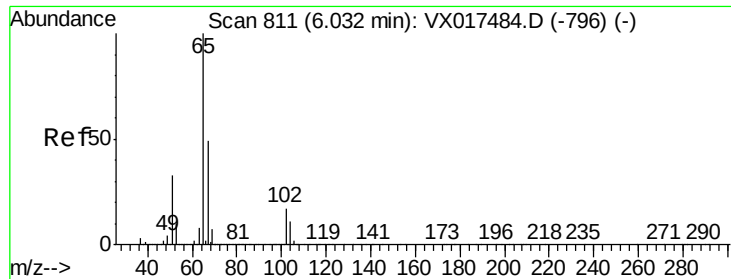
Ion Ratio Lower Upper

96 100

61 125.8 0.0 301.2

98 65.5 0.0 130.0





#33

1,2-Dichloroethane-d4

Concen: 54.117 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

Instrument :

MSVOA\_X

ClientSampleId :

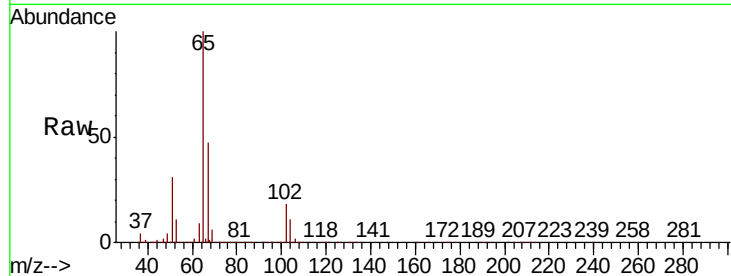
BP-VPB179-GW-218-220

Tot Ion: 65 Resp: 320772

Ion Ratio Lower Upper

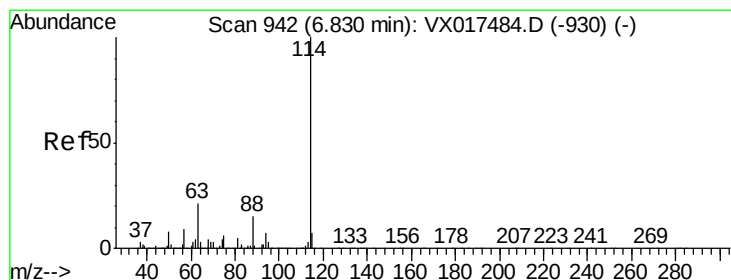
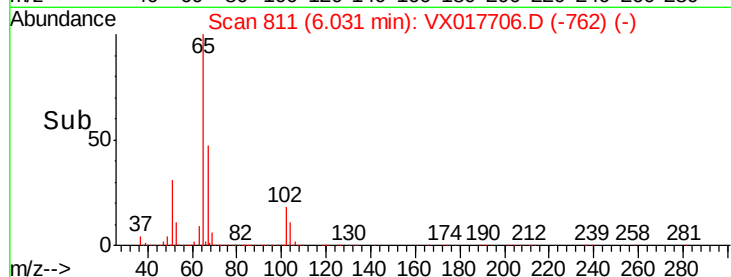
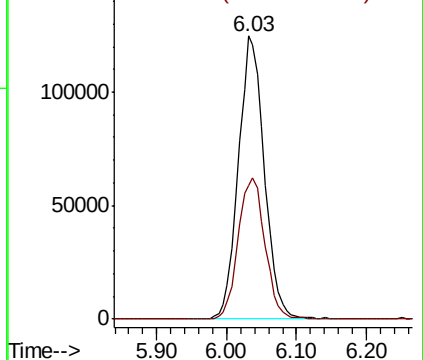
65 100

67 51.4 0.0 102.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

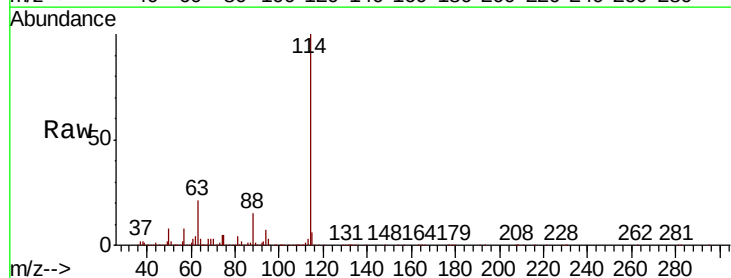
Tgt Ion: 114 Resp: 754942

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.6

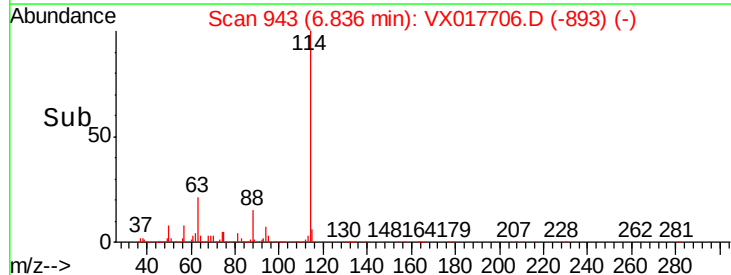
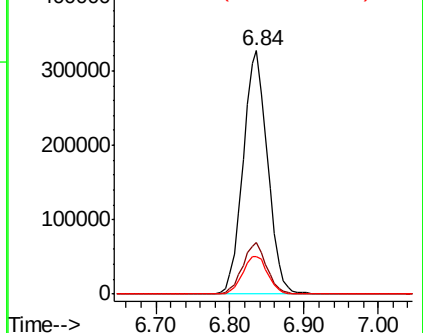
88 15.5 0.0 33.4

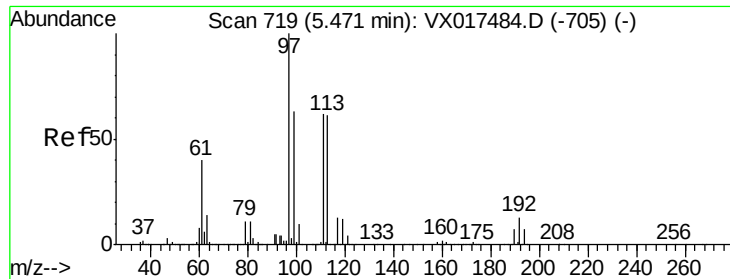


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.733 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB179-GW-218-220

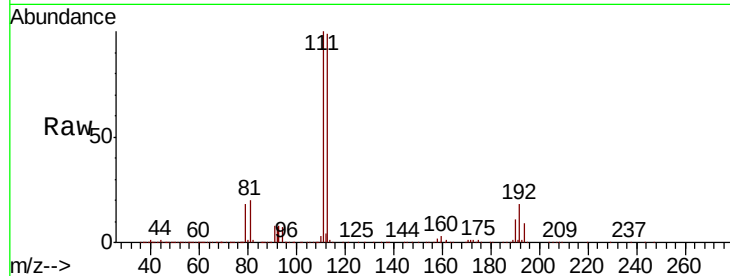
Tot Ion:113 Resp: 266255

Ion Ratio Lower Upper

113 100

111 103.7 80.7 121.1

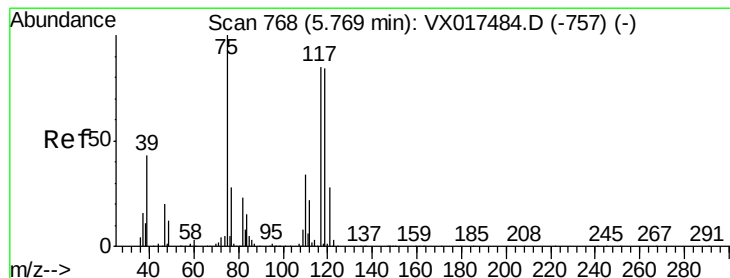
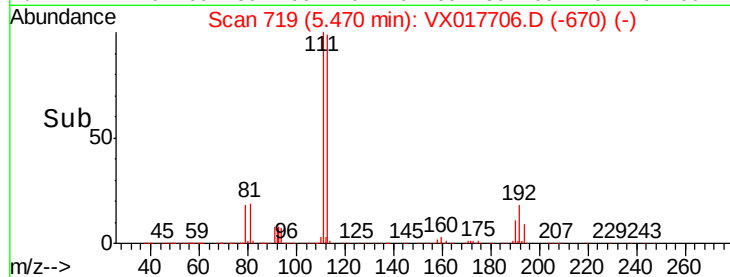
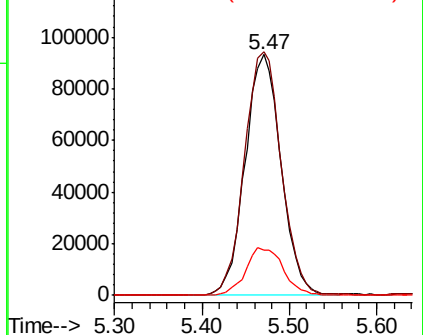
192 20.7 16.9 25.3



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



#36

1,1-Dichloropropene

Concen: 4.844 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

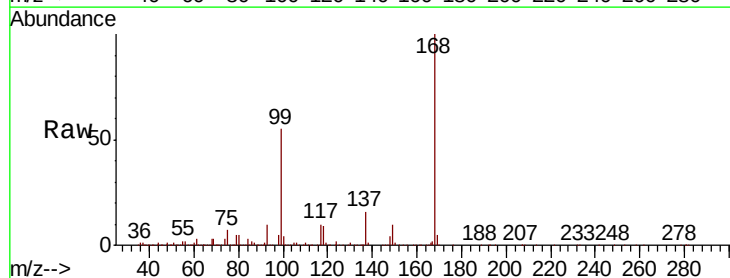
Tgt Ion: 75 Resp: 35071

Ion Ratio Lower Upper

75 100

110 11.6 18.1 54.3#

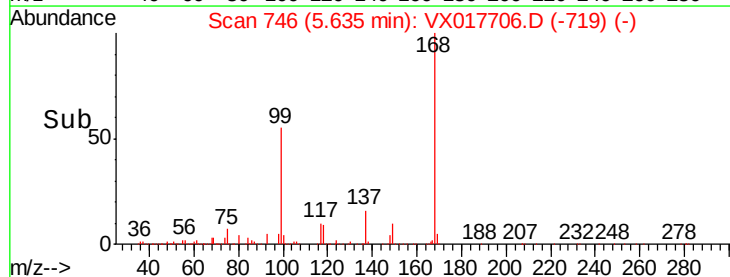
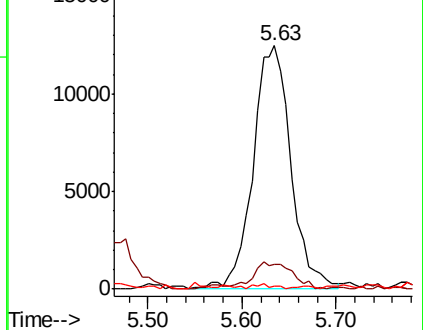
77 1.2 24.6 37.0#

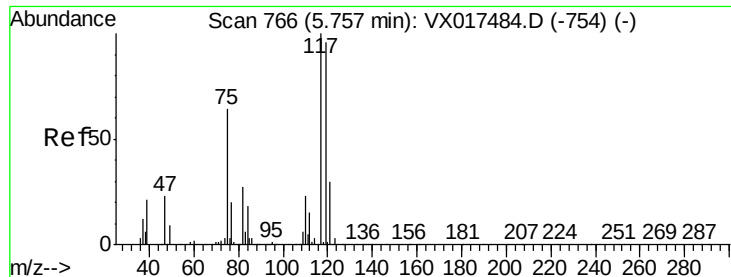


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.264 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB179-GW-218-220

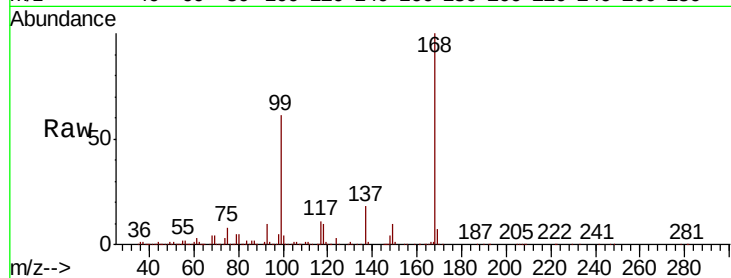
Tot Ion:117 Resp: 46284

Ion Ratio Lower Upper

117 100

119 7.9 75.4 113.0#

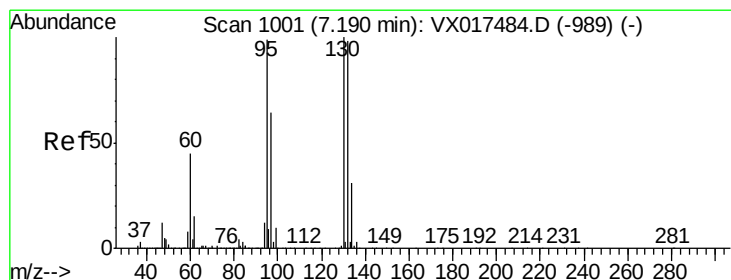
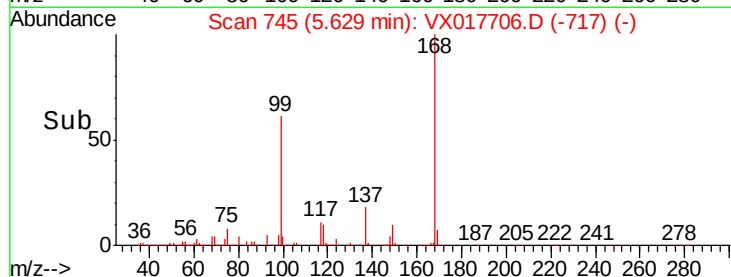
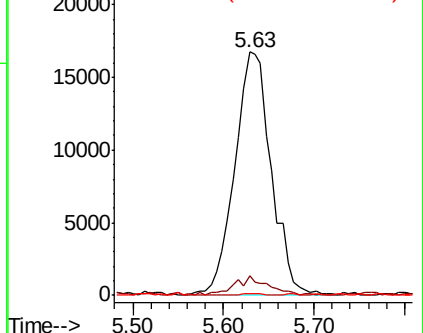
121 1.0 24.3 36.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 83.789 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017706.D

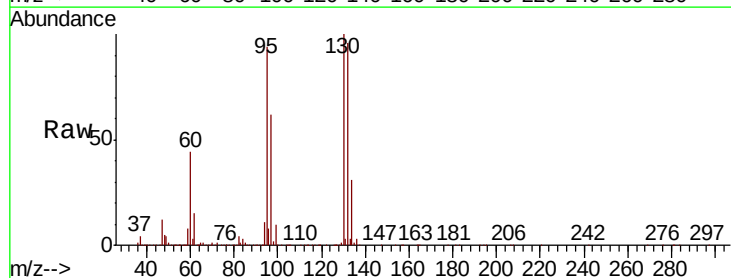
Acq: 31 Jul 2020 17:01

Tgt Ion:130 Resp: 508301

Ion Ratio Lower Upper

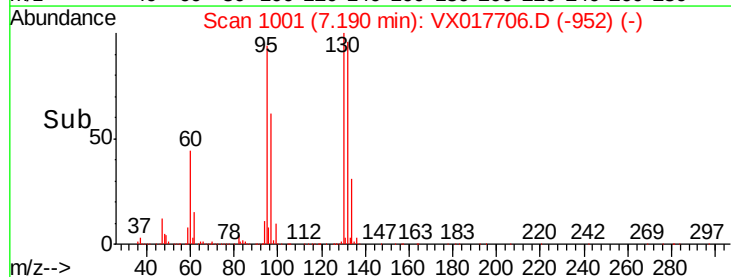
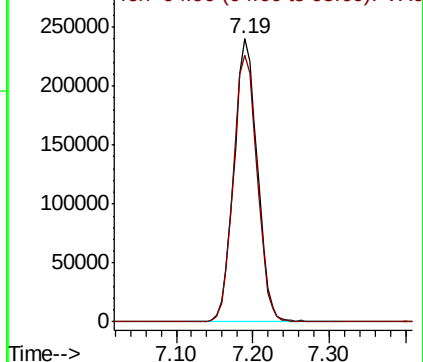
130 100

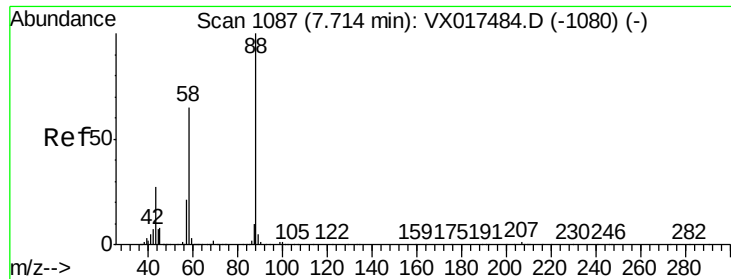
95 94.4 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

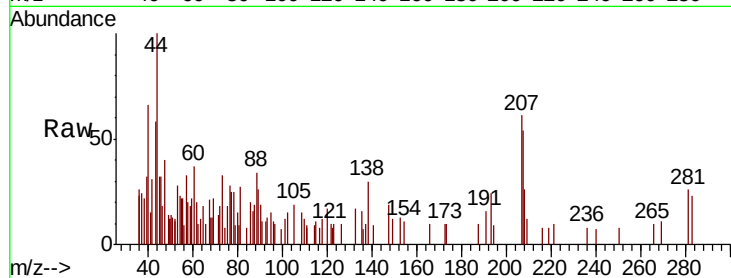




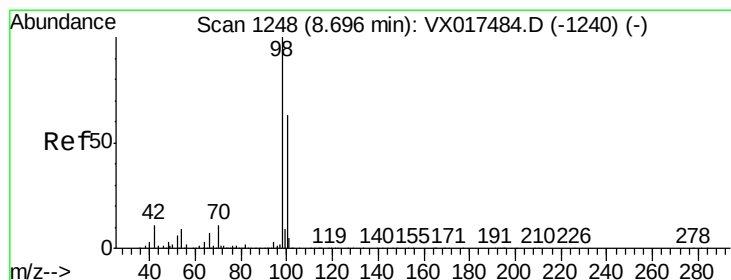
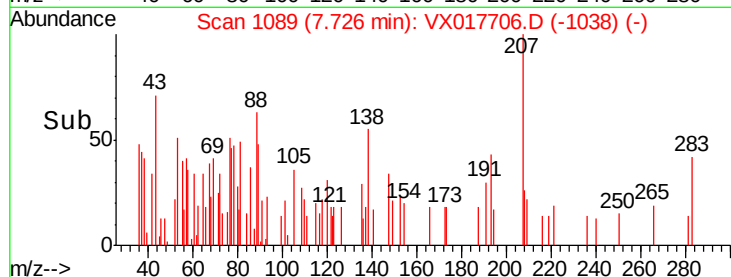
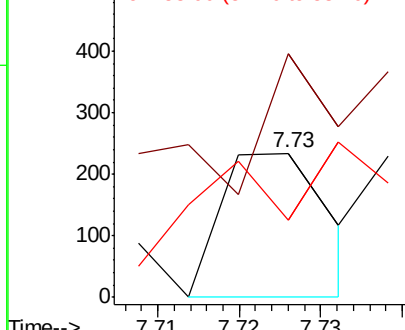
#49  
1,4-Dioxane  
Concen: 1.715 ug/l  
RT: 7.73 min Scan# 1089  
Delta R.T. 0.01 min  
Lab File: VX017706.D  
Acq: 31 Jul 2020 17:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB179-GW-218-220

Tot Ion: 88 Resp: 213  
Ion Ratio Lower Upper  
88 100  
43 0.0 27.8 41.6#  
58 59.6 58.3 87.5

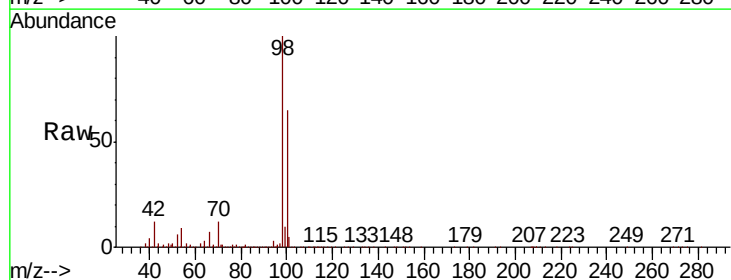


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

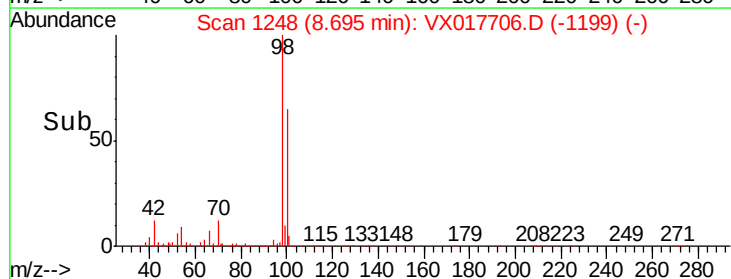
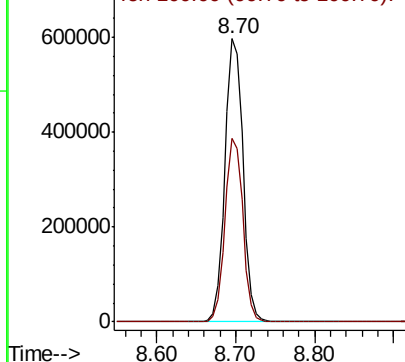


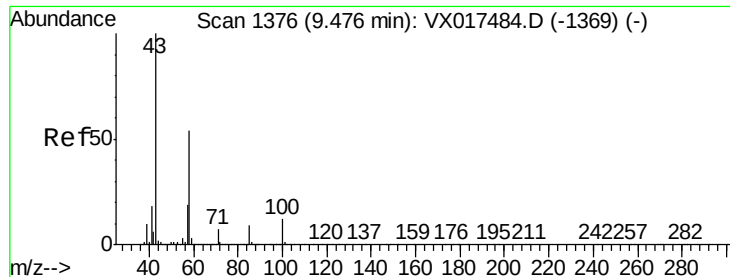
#50  
Toluene-d8  
Concen: 52.130 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX017706.D  
Acq: 31 Jul 2020 17:01

Tgt Ion: 98 Resp: 949519  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): V

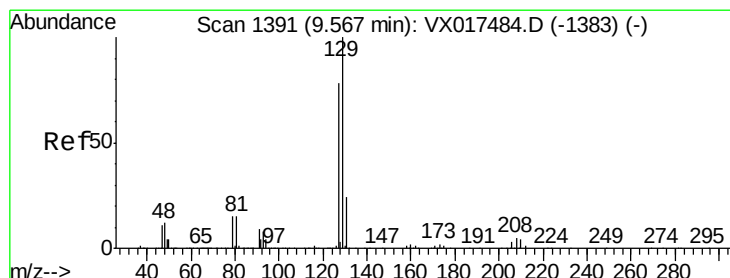
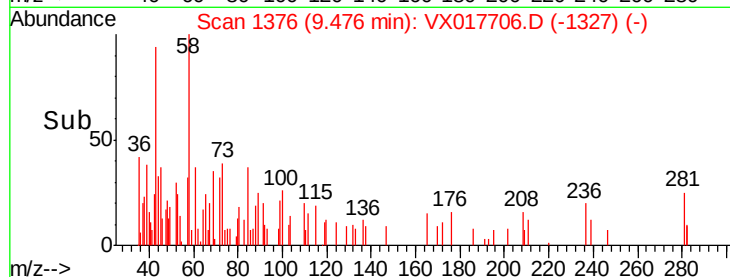
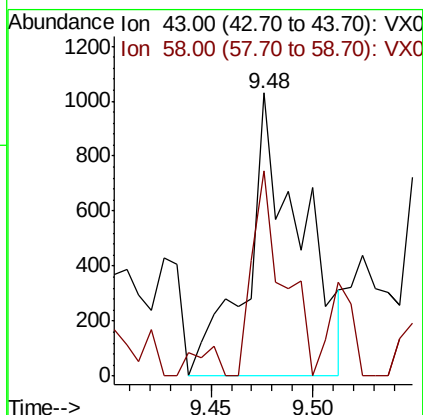
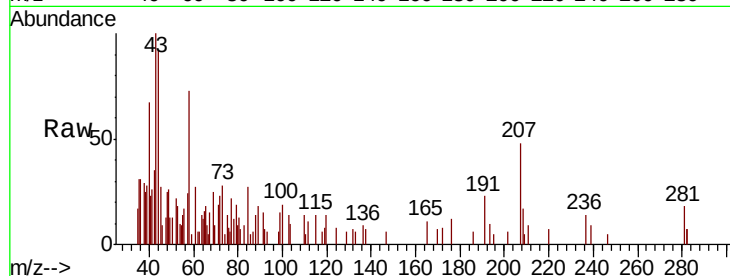




#59  
2-Hexanone  
Concen: 0.321 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. -0.00 min  
Lab File: VX017706.D  
Acq: 31 Jul 2020 17:01

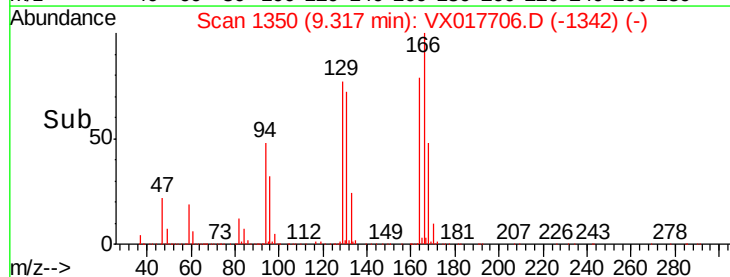
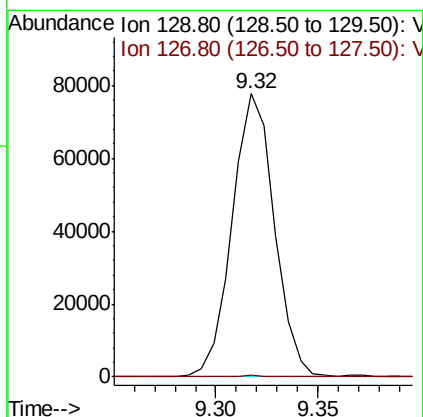
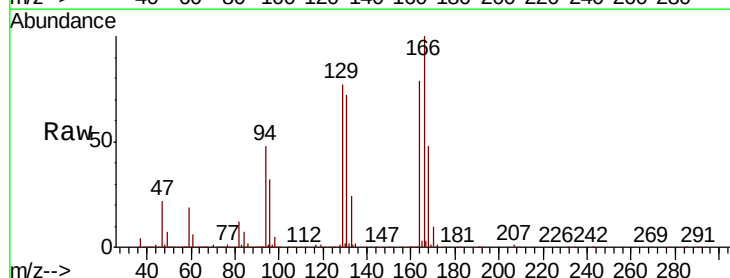
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB179-GW-218-220

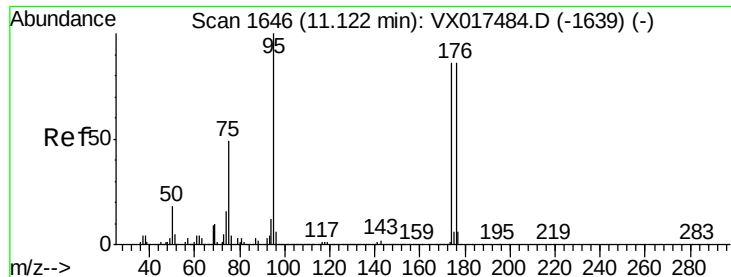
Tot Ion: 43 Resp: 1882  
Ion Ratio Lower Upper  
43 100  
58 42.3 26.6 79.8



#60  
Dibromochloromethane  
Concen: 15.705 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.25 min  
Lab File: VX017706.D  
Acq: 31 Jul 2020 17:01

Tgt Ion: 129 Resp: 110702  
Ion Ratio Lower Upper  
129 100  
127 0.3 38.4 115.1#





#62

4-Bromofluorobenzene

Concen: 62.675 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB179-GW-218-220

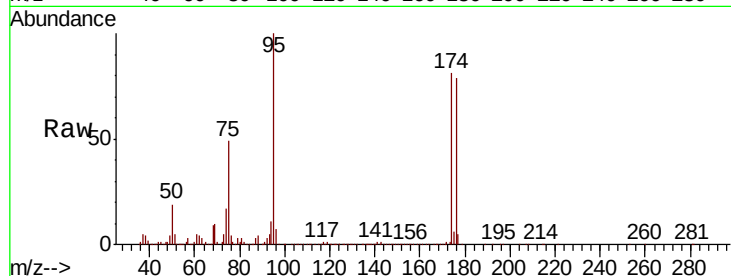
Tot Ion: 95 Resp: 456866

Ion Ratio Lower Upper

95 100

174 83.3 0.0 169.0

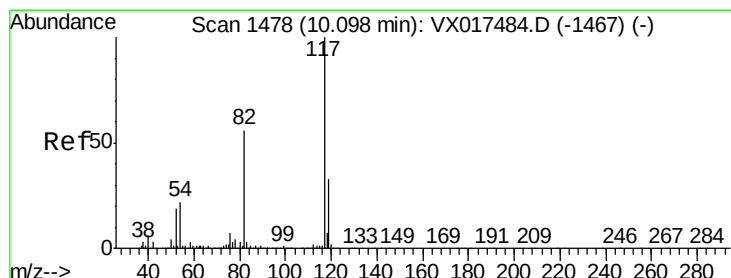
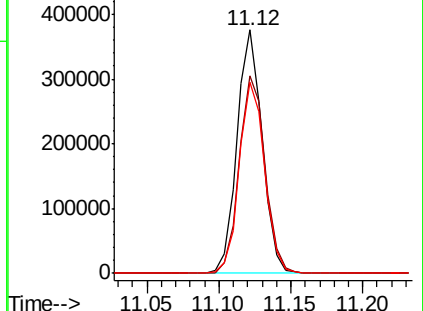
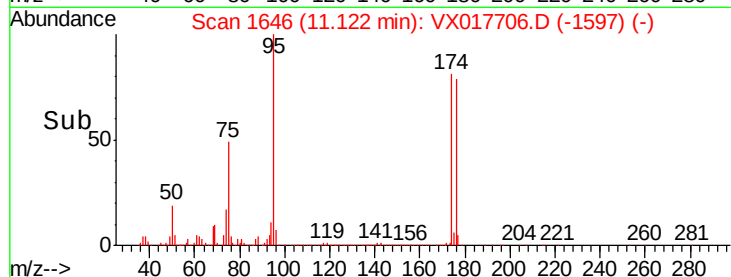
176 79.3 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX017706.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017706.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017706.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

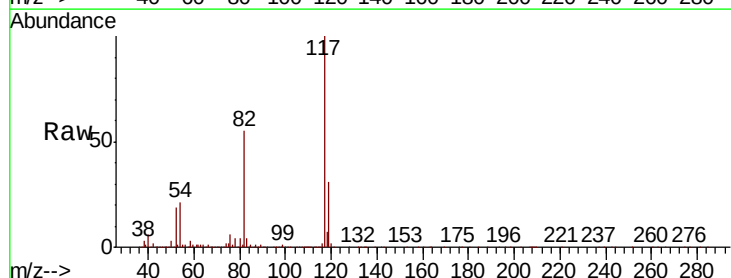
Tgt Ion: 117 Resp: 816912

Ion Ratio Lower Upper

117 100

82 55.1 44.0 66.0

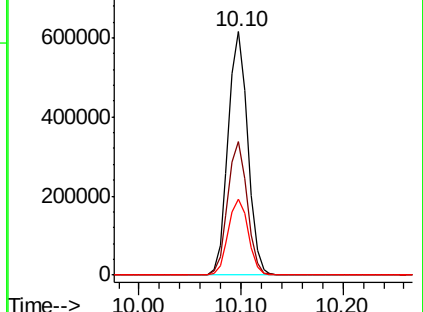
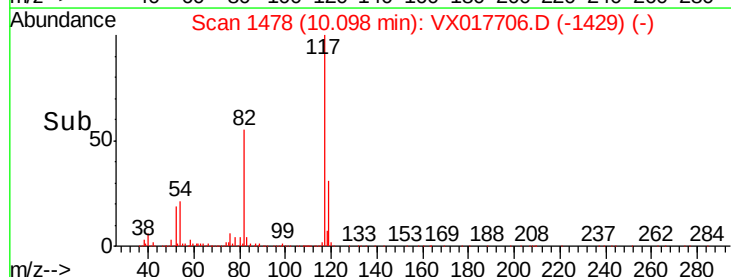
119 31.3 25.4 38.0



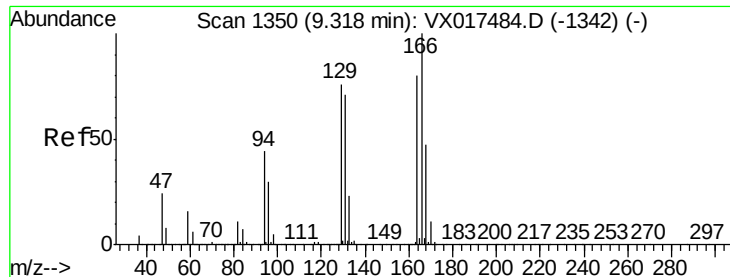
Abundance Ion 116.90 (116.60 to 117.60): VX017706.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017706.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017706.D (-1429) (-)







#64

Tetrachloroethene

Concen: 16.039 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB179-GW-218-220

Tot Ion:164 Resp: 117598

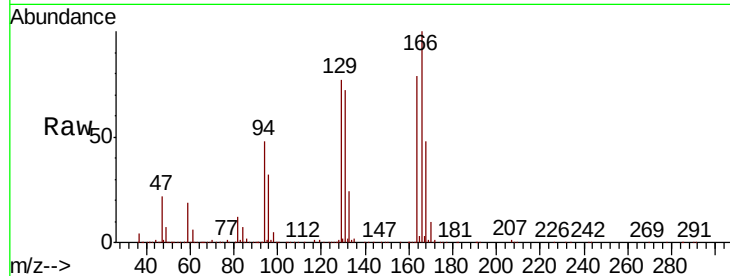
Ion Ratio Lower Upper

164 100

166 126.0 100.6 150.8

129 96.8 75.0 112.6

131 90.9 75.2 112.8

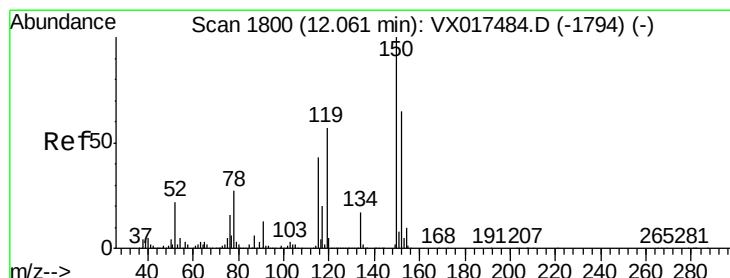
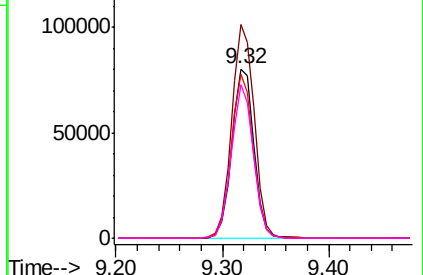
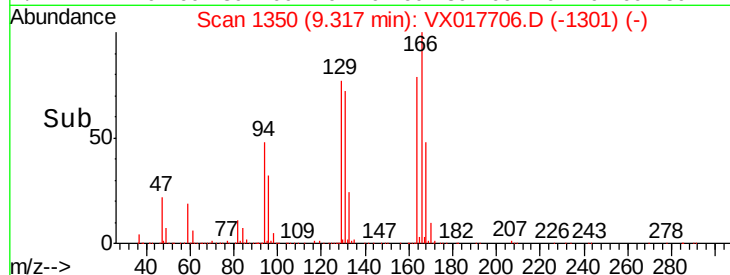


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

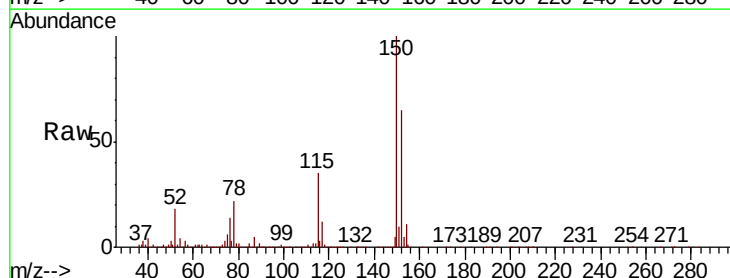
Tgt Ion:152 Resp: 478007

Ion Ratio Lower Upper

152 100

115 58.4 65.5 196.6#

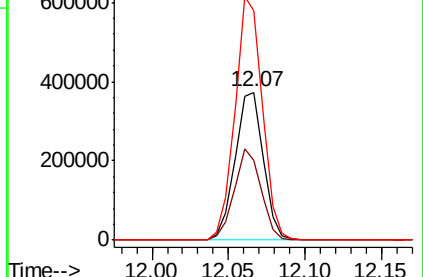
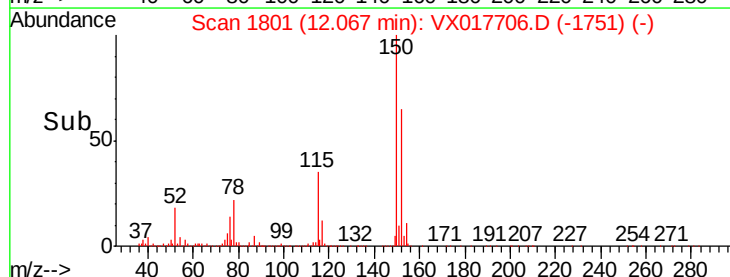
150 158.4 0.0 412.6

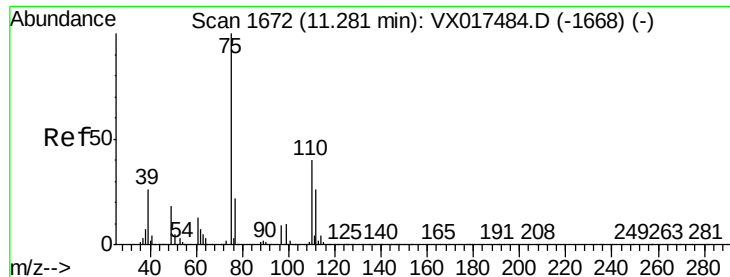


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.572 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

Instrument :

MSVOA\_X

ClientSampleId :

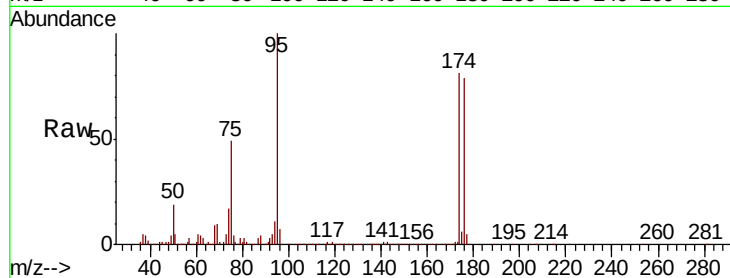
BP-VPB179-GW-218-220

Tot Ion: 75 Resp: 231777

Ion Ratio Lower Upper

75 100

77 1.4 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

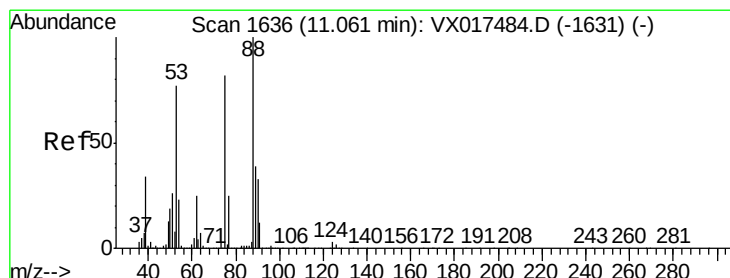
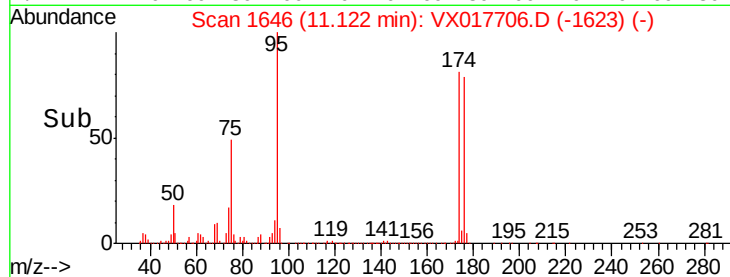
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 59.396 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

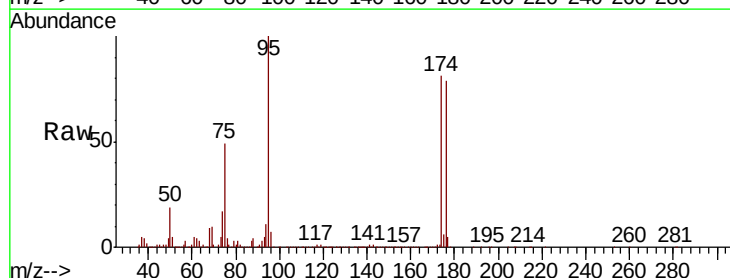
Tgt Ion: 75 Resp: 231777

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

250000

200000

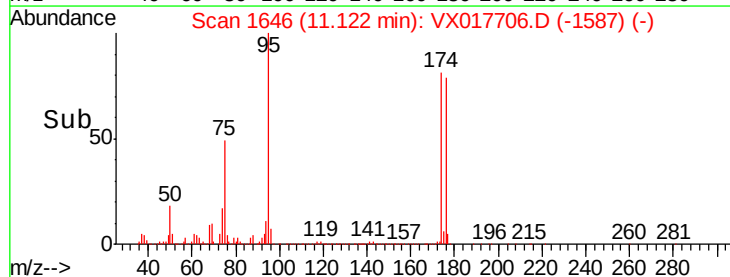
150000

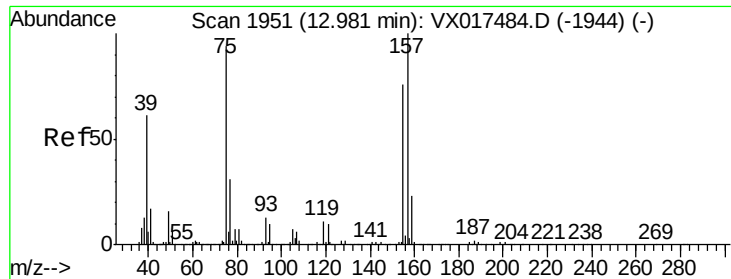
100000

50000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.630 ug/l

RT: 12.97 min Scan# 1949

Delta R.T. -0.01 min

Lab File: VX017706.D

Acq: 31 Jul 2020 17:01

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB179-GW-218-220

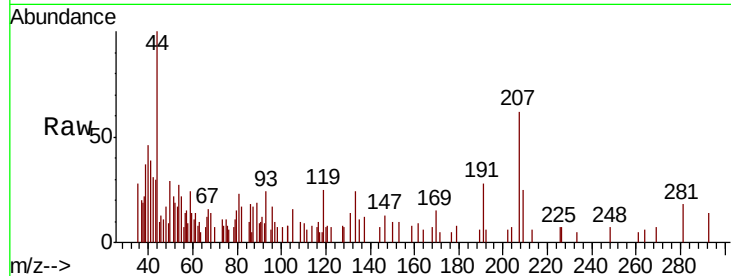
Tot Ion: 75 Resp: 163

Ion Ratio Lower Upper

75 100

155 29.4 42.3 126.8#

157 0.0 54.3 162.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

