

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080420\  
 Data File : VX017769.D  
 Acq On : 04 Aug 2020 14:39  
 Operator : JC/SP  
 Sample : L3556-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB179-GW-358-360

Quant Time: Aug 05 01:48:25 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  | 589985   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 866607   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 808747   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 411016   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.04   | 65  | 381639   | 50.36 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.72% |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 301505   | 52.02 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.04% |      |
| 50) Toluene-d8            | 8.70   | 98  | 1027200  | 49.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.26%  |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 393154   | 46.98 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.96%  |      |

## Target Compounds

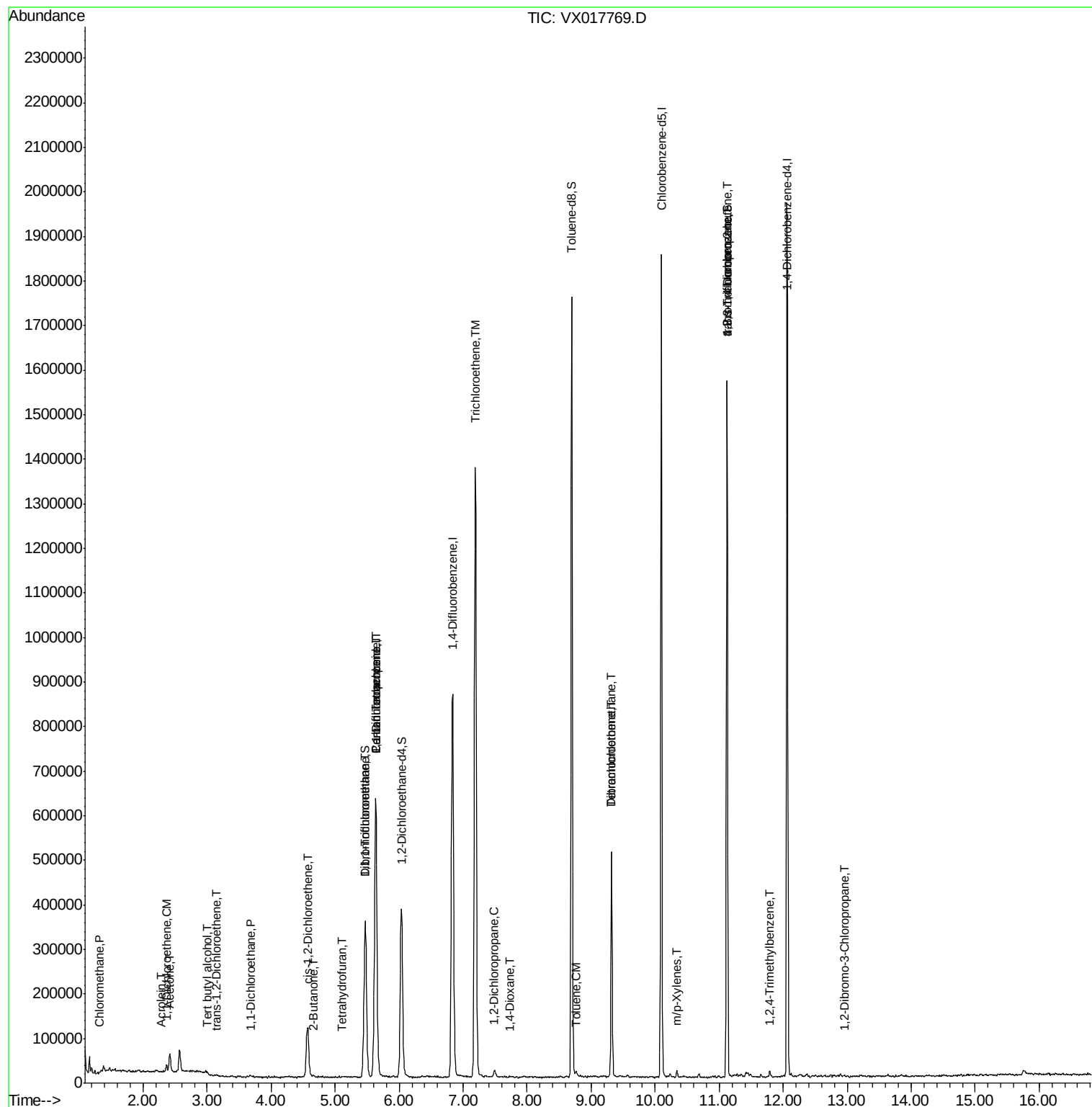
|                                |       |     |        |           |        | Qvalue |
|--------------------------------|-------|-----|--------|-----------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.19  | 85  | 249    | Below Cal | #      | 42     |
| 3) Chloromethane               | 1.31  | 50  | 1764   | 0.607     | ug/l   | 91     |
| 5) Bromomethane                | 1.64  | 94  | 678    | Below Cal | #      | 79     |
| 6) Chloroethane                | 1.72  | 64  | 495    | Below Cal | #      | 1      |
| 8) Diethyl Ether               | 2.23  | 74  | 293    | Below Cal |        | 79     |
| 11) Tert butyl alcohol         | 3.00  | 59  | 773    | 0.484     | ug/l # | 1      |
| 12) 1,1-Dichloroethene         | 2.36  | 96  | 6593   | 1.082     | ug/l   | 98     |
| 13) Acrolein                   | 2.28  | 56  | 1144   | 5.071     | ug/l # | 41     |
| 16) Acetone                    | 2.42  | 43  | 45040  | 13.503    | ug/l   | 97     |
| 20) Methylene Chloride         | 2.85  | 84  | 1195   | Below Cal | #      | 29     |
| 21) trans-1,2-Dichloroethene   | 3.14  | 96  | 1731   | 0.265     | ug/l # | 27     |
| 24) 1,1-Dichloroethane         | 3.68  | 63  | 5423   | 0.463     | ug/l # | 91     |
| 25) 2-Butanone                 | 4.65  | 43  | 2838   | 0.599     | ug/l # | 80     |
| 27) cis-1,2-Dichloroethene     | 4.57  | 96  | 72936  | 10.286    | ug/l   | 89     |
| 29) Tetrahydrofuran            | 5.09  | 42  | 702    | 0.239     | ug/l   | 94     |
| 32) 1,1,1-Trichloroethane      | 5.46  | 97  | 4769   | 0.422     | ug/l # | 43     |
| 36) 1,1-Dichloropropene        | 5.63  | 75  | 42308  | 5.090     | ug/l # | 52     |
| 38) Carbon Tetrachloride       | 5.64  | 117 | 61783  | 6.121     | ug/l # | 16     |
| 44) Trichloroethene            | 7.19  | 130 | 525963 | 75.528    | ug/l   | 97     |
| 45) 1,2-Dichloropropane        | 7.49  | 63  | 6289   | 0.952     | ug/l   | 93     |
| 49) 1,4-Dioxane                | 7.73  | 88  | 315    | 2.209     | ug/l # | 1      |
| 52) Toluene                    | 8.76  | 92  | 3435   | 0.225     | ug/l   | 98     |
| 60) Dibromochloromethane       | 9.32  | 129 | 91956  | 11.365    | ug/l # | 11     |
| 64) Tetrachloroethene          | 9.32  | 164 | 95465  | 13.152    | ug/l   | 96     |
| 68) m/p-Xylenes                | 10.34 | 106 | 3410   | 0.301     | ug/l   | 89     |
| 76) 1,2,3-Trichloropropane     | 11.12 | 75  | 203547 | 24.075    | ug/l # | 35     |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75  | 203547 | 60.663    | ug/l # | 12     |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105 | 6580   | 0.275     | ug/l   | 93     |
| 92) 1,2-Dibromo-3-Chloropropan | 12.96 | 75  | 507    | 2.770     | ug/l # | 8      |

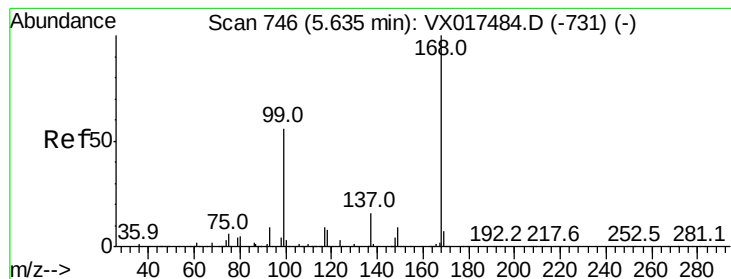
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080420\  
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Operator : JC/SP  
Sample : L3556-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB179-GW-358-360

Quant Time: Aug 05 01:48:25 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: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

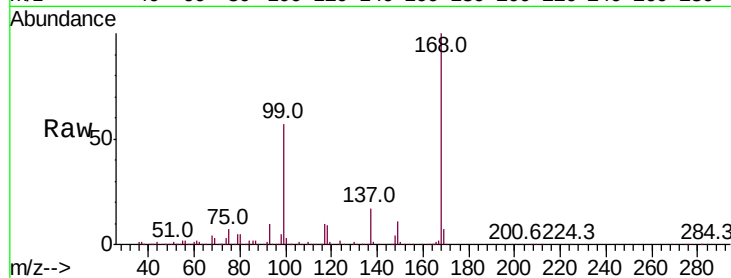
BP-VPB179-GW-358-360

Tot Ion:168 Resp: 589985

Ion Ratio Lower Upper

168 100

99 56.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

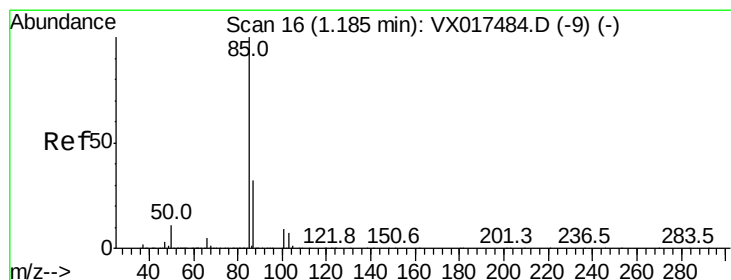
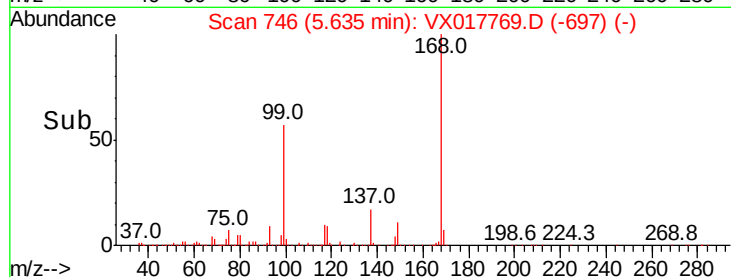
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.19 min Scan# 17

Delta R.T. 0.01 min

Lab File: VX017769.D

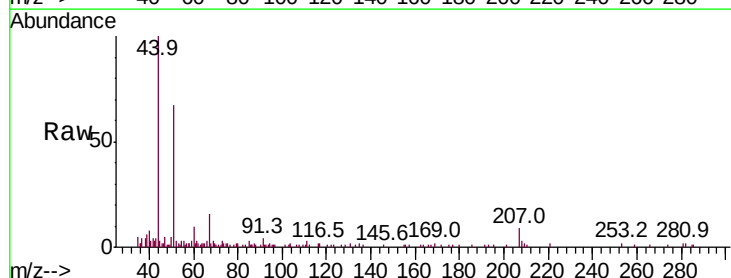
Acq: 04 Aug 2020 14:39

Tgt Ion: 85 Resp: 249

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

250

200

150

100

50

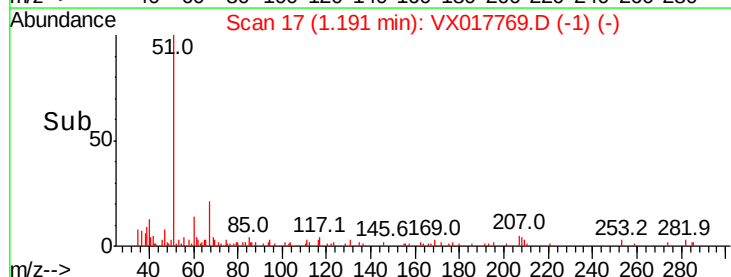
0

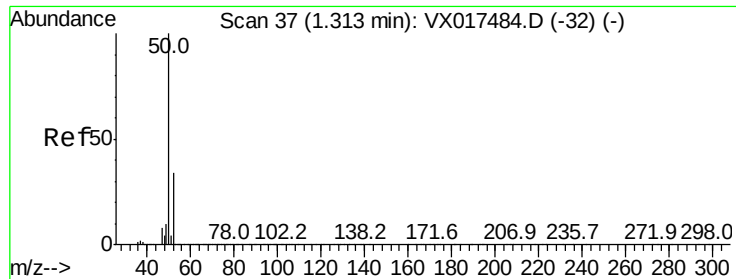
1.16

1.18

1.20

Time-->





#3

Chloromethane

Concen: 0.607 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

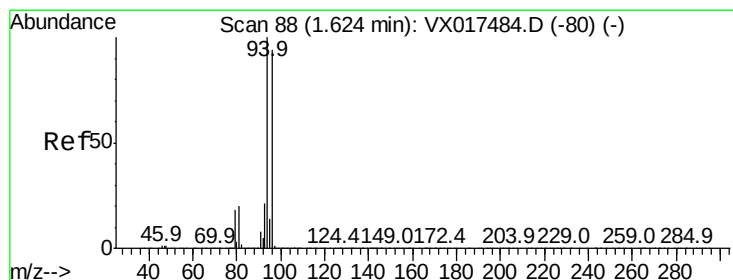
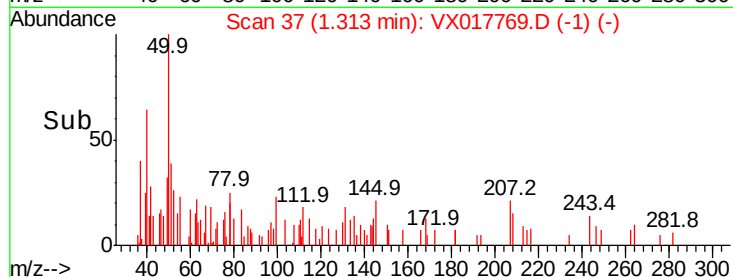
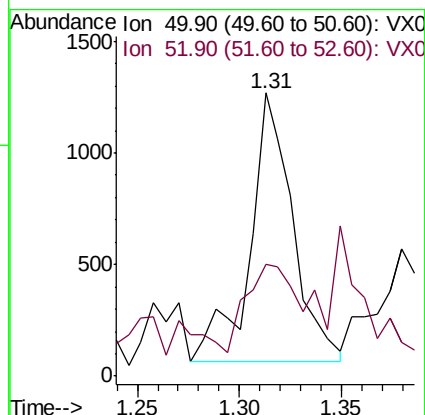
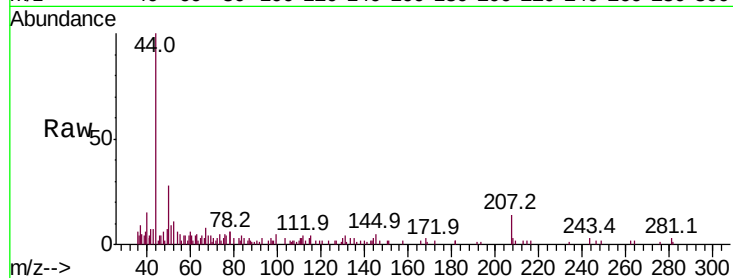
BP-VPB179-GW-358-360

Tot Ion: 50 Resp: 1764

Ion Ratio Lower Upper

50 100

52 27.4 25.9 38.9



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017769.D

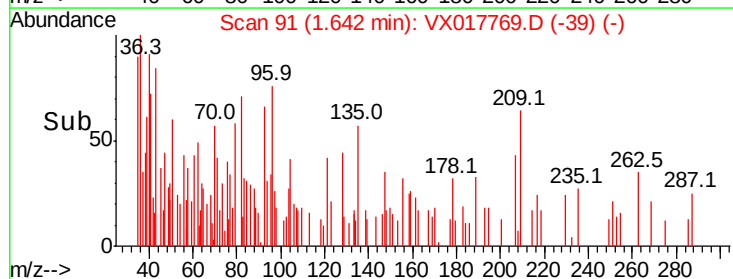
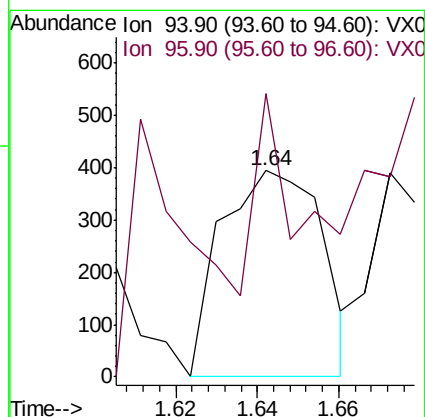
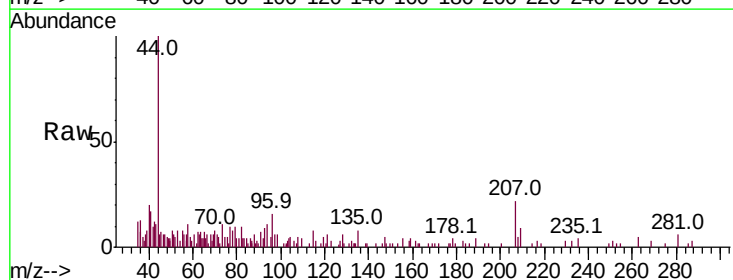
Acq: 04 Aug 2020 14:39

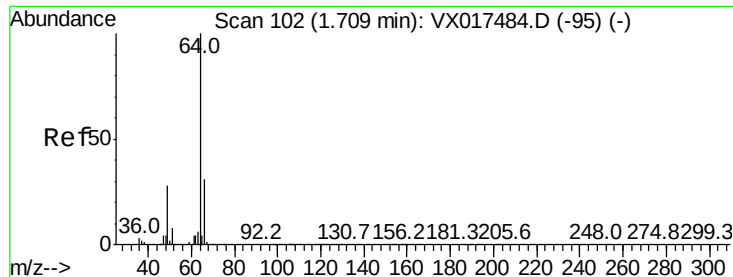
Tgt Ion: 94 Resp: 678

Ion Ratio Lower Upper

94 100

96 72.1 74.1 111.1#





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

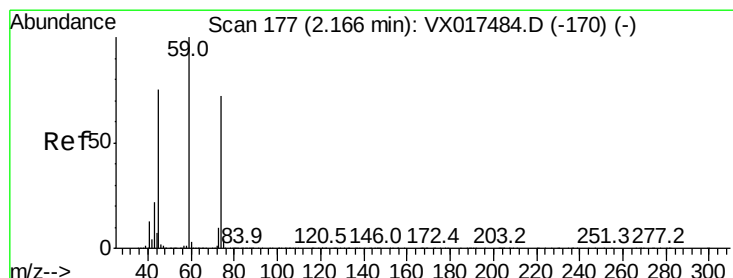
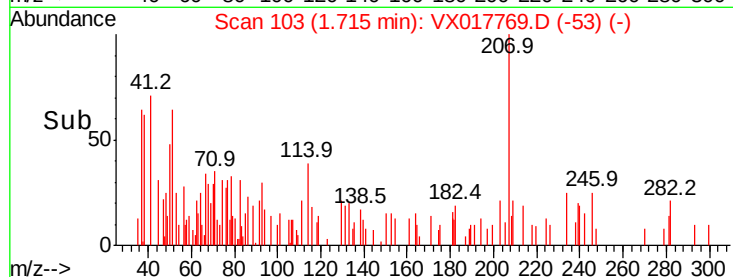
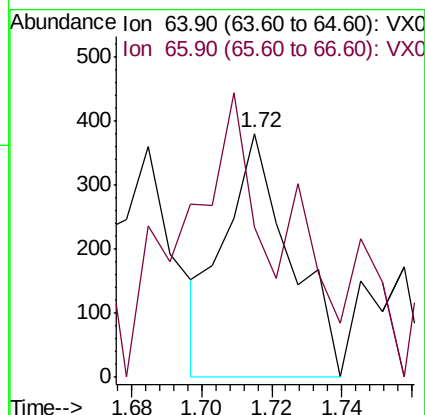
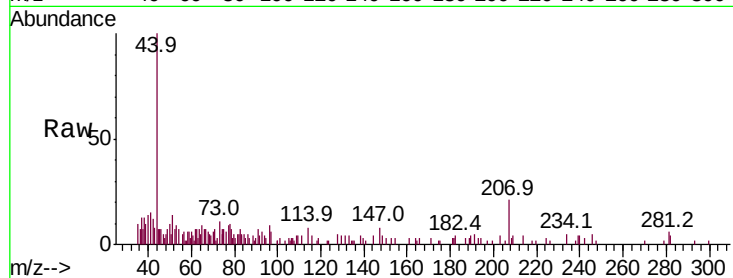
BP-VPB179-GW-358-360

Tot Ion: 64 Resp: 495

Ion Ratio Lower Upper

64 100

66 98.9 24.9 37.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.23 min Scan# 187

Delta R.T. 0.06 min

Lab File: VX017769.D

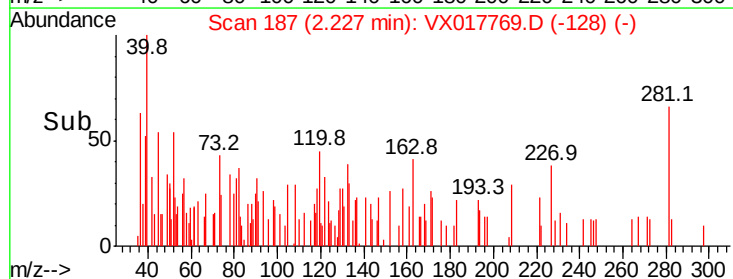
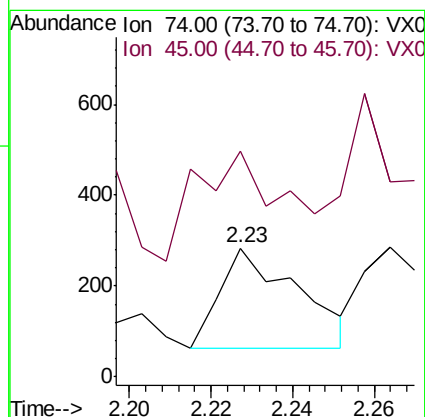
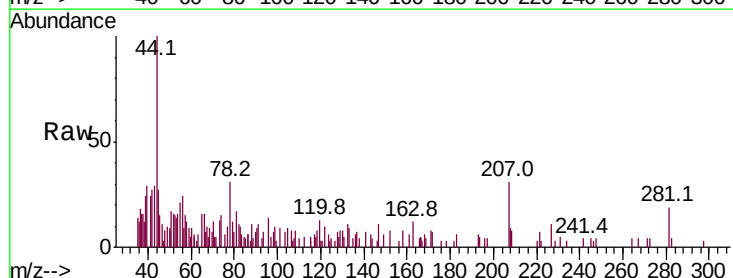
Acq: 04 Aug 2020 14:39

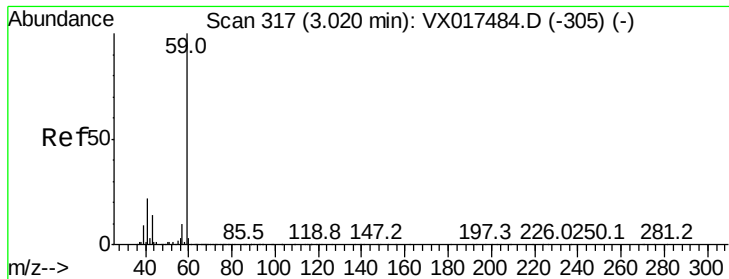
Tgt Ion: 74 Resp: 293

Ion Ratio Lower Upper

74 100

45 122.9 50.8 152.5



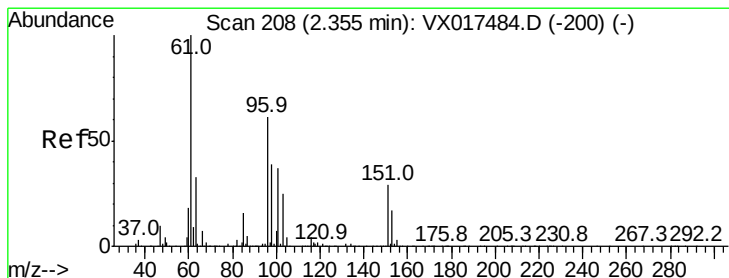
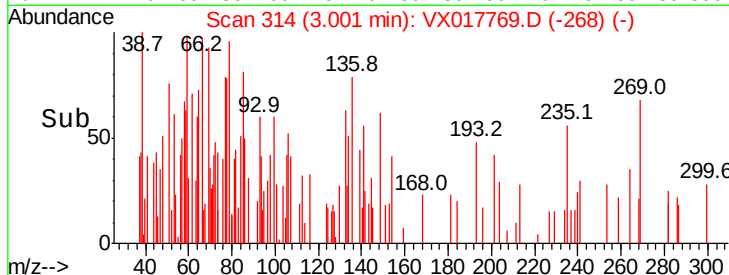
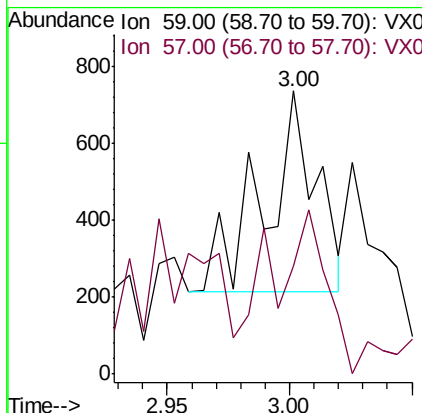
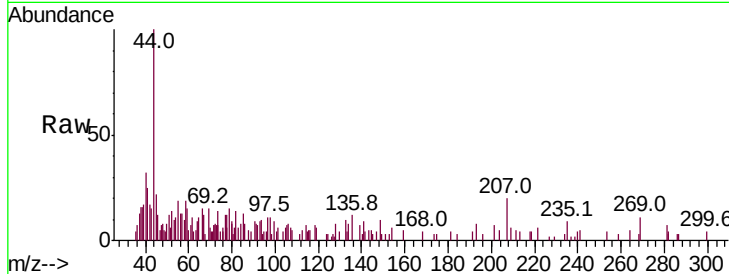


#11

Tert butyl alcohol  
 Concen: 0.484 ug/l  
 RT: 3.00 min Scan# 314  
 Delta R.T. -0.02 min  
 Lab File: VX017769.D  
 Acq: 04 Aug 2020 14:39

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB179-GW-358-360

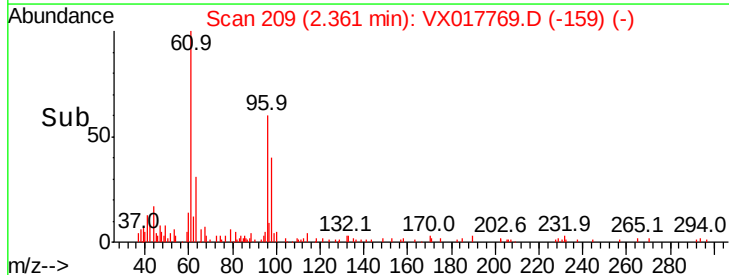
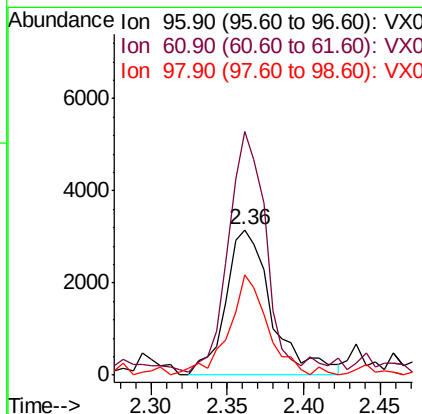
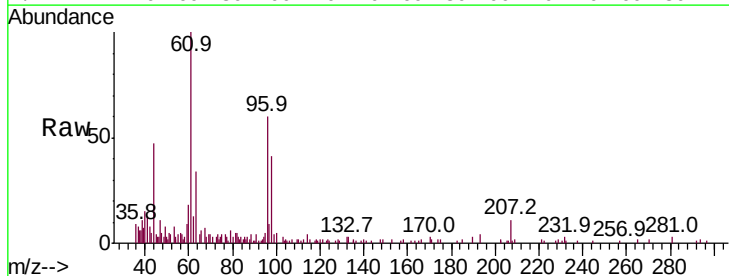
Tot Ion: 59 Resp: 773  
 Ion Ratio Lower Upper  
 59 100  
 57 53.7 8.6 12.8#

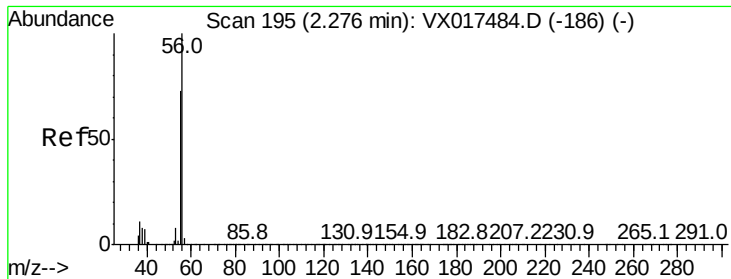


#12

1,1-Dichloroethene  
 Concen: 1.082 ug/l  
 RT: 2.36 min Scan# 209  
 Delta R.T. 0.01 min  
 Lab File: VX017769.D  
 Acq: 04 Aug 2020 14:39

Tgt Ion: 96 Resp: 6593  
 Ion Ratio Lower Upper  
 96 100  
 61 164.8 134.0 201.0  
 98 64.5 51.0 76.4





#13

Acrolein

Concen: 5.071 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

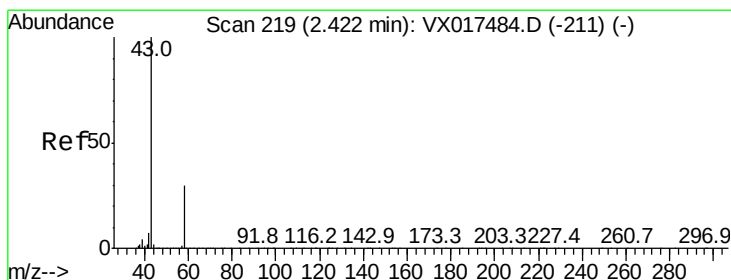
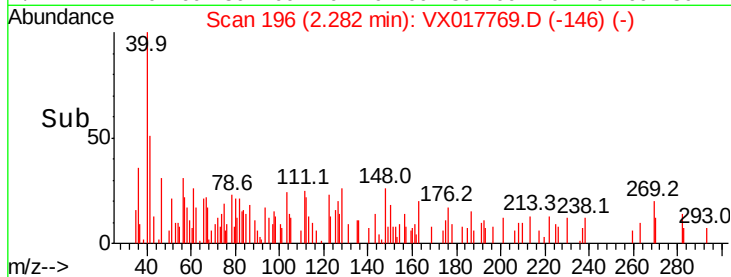
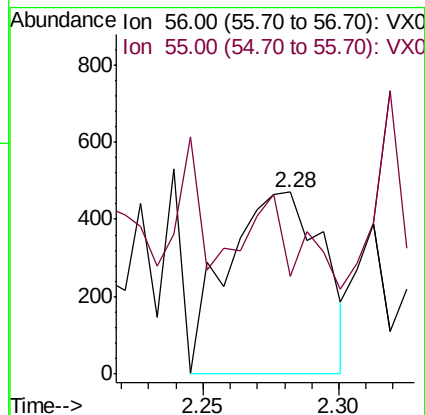
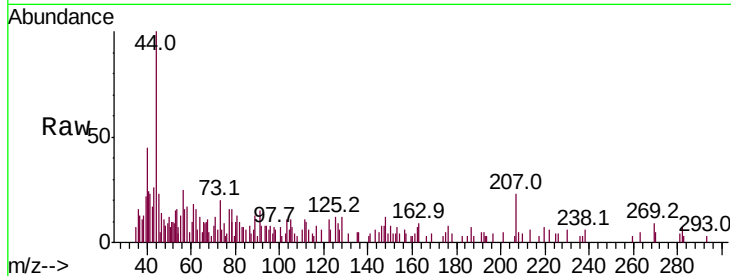
BP-VPB179-GW-358-360

Tot Ion: 56 Resp: 1144

Ion Ratio Lower Upper

56 100

55 22.8 57.4 86.2#



#16

Acetone

Concen: 13.503 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017769.D

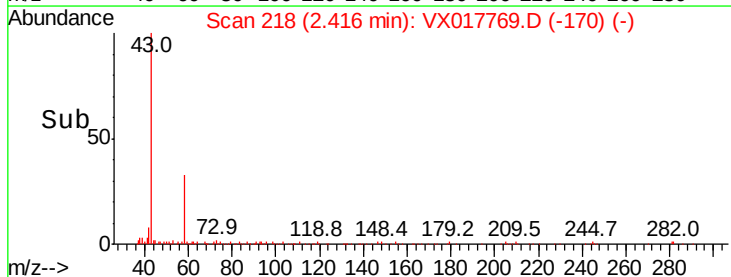
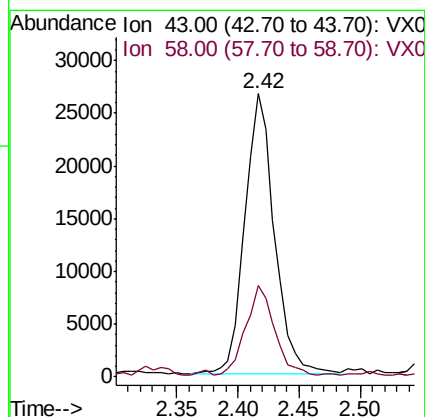
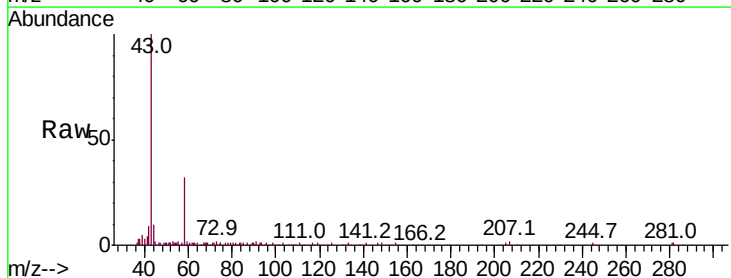
Acq: 04 Aug 2020 14:39

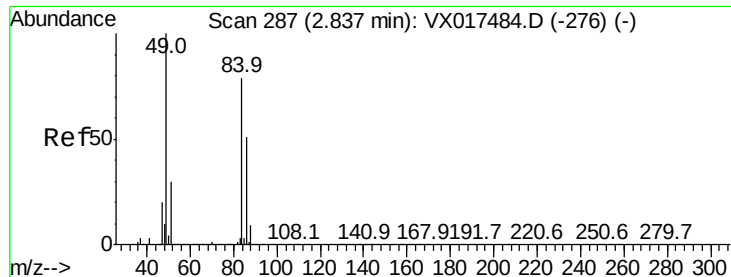
Tgt Ion: 43 Resp: 45040

Ion Ratio Lower Upper

43 100

58 32.1 24.2 36.4

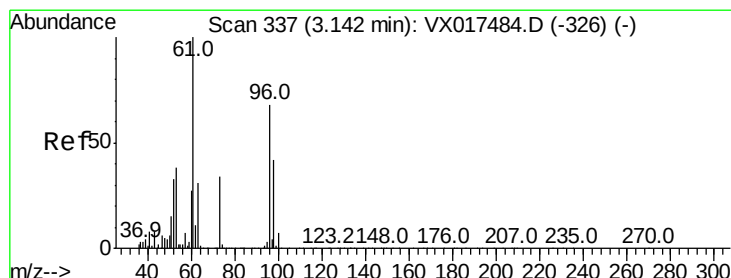
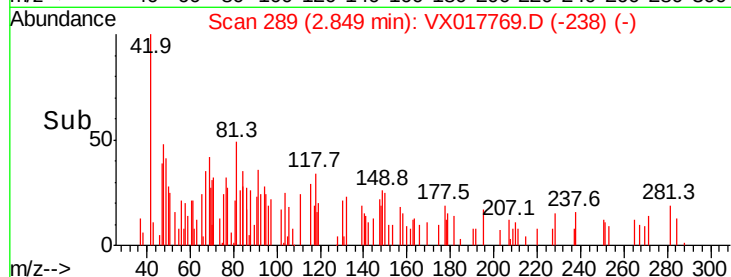
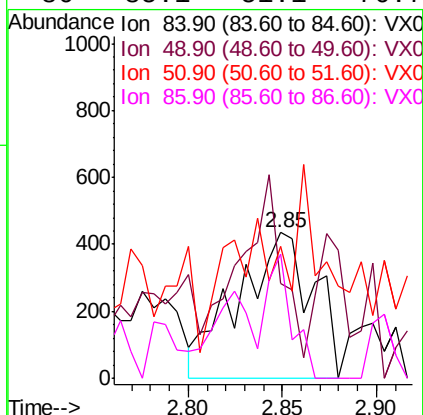
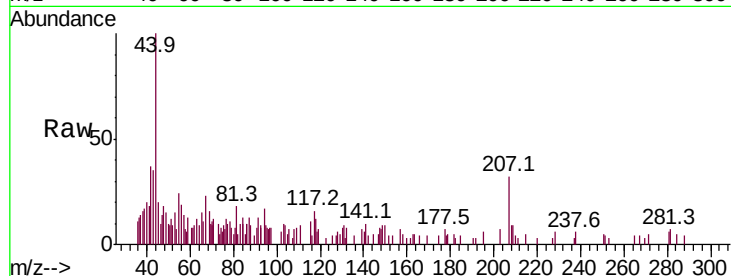




#20  
Methylene Chloride  
Concen: Below Cal  
RT: 2.85 min Scan# 289  
Delta R.T. 0.01 min  
Lab File: VX017769.D  
Acq: 04 Aug 2020 14:39

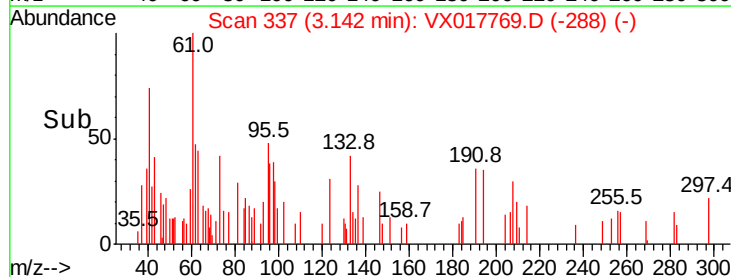
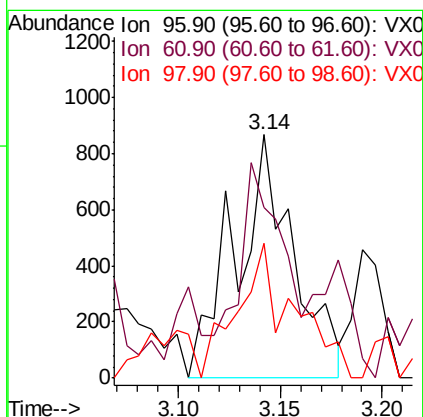
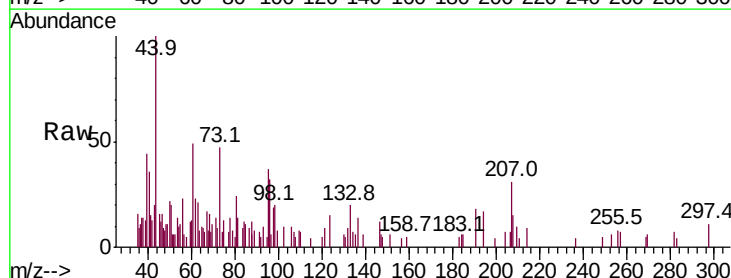
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB179-GW-358-360

Tot Ion: 84 Resp: 1195  
Ion Ratio Lower Upper  
84 100  
49 0.0 100.3 150.5#  
51 27.3 30.5 45.7#  
86 85.1 51.1 76.7#

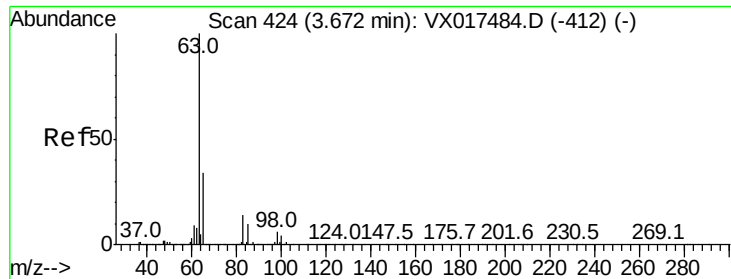


#21  
trans-1,2-Dichloroethene  
Concen: 0.265 ug/l  
RT: 3.14 min Scan# 337  
Delta R.T. -0.00 min  
Lab File: VX017769.D  
Acq: 04 Aug 2020 14:39

Tgt Ion: 96 Resp: 1731  
Ion Ratio Lower Upper  
96 100  
61 30.3 113.0 169.4#  
98 37.4 51.8 77.8#







#24

1,1-Dichloroethane

Concen: 0.463 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB179-GW-358-360

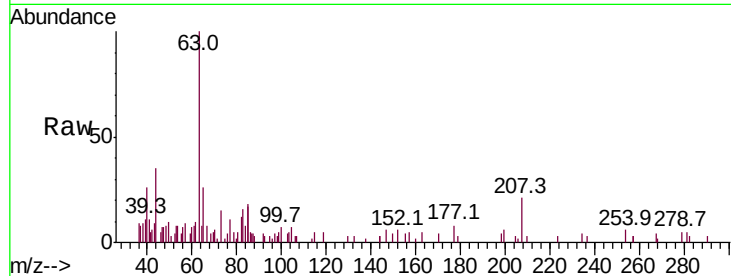
Tot Ion: 63 Resp: 5423

Ion Ratio Lower Upper

63 100

98 3.9 3.4 10.1

100 7.4 1.9 5.7#



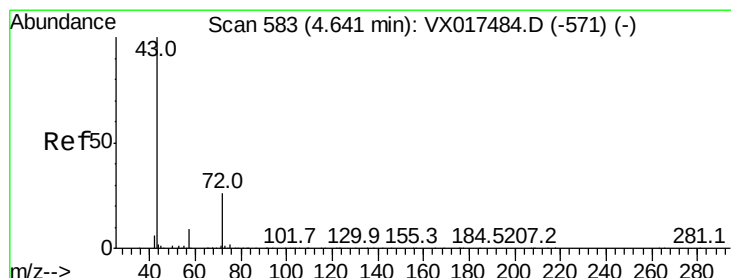
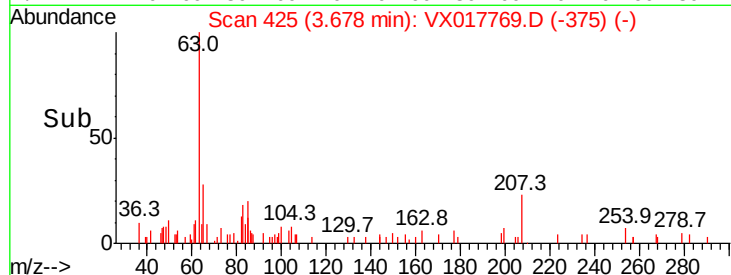
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.68

Time-->



#25

2-Butanone

Concen: 0.599 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017769.D

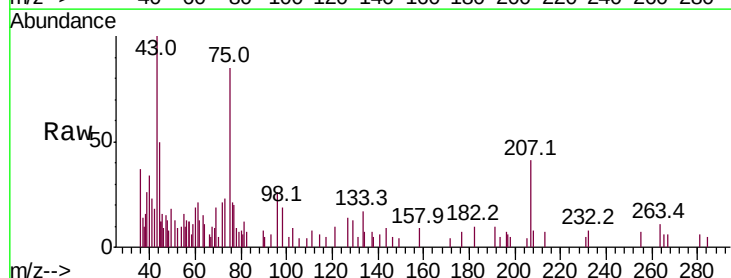
Acq: 04 Aug 2020 14:39

Tgt Ion: 43 Resp: 2838

Ion Ratio Lower Upper

43 100

72 13.8 19.0 28.4#

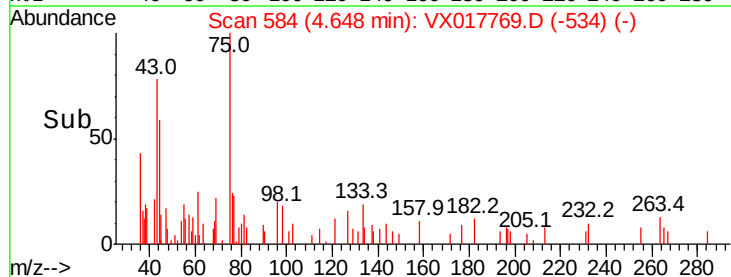


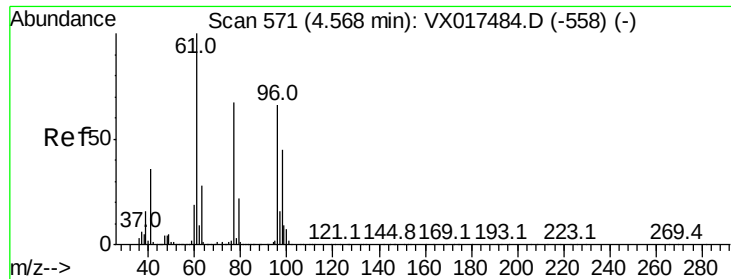
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

Time-->



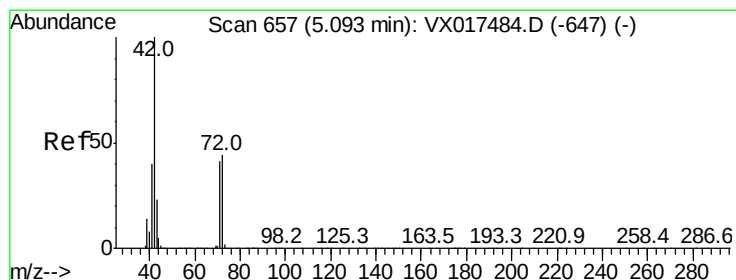
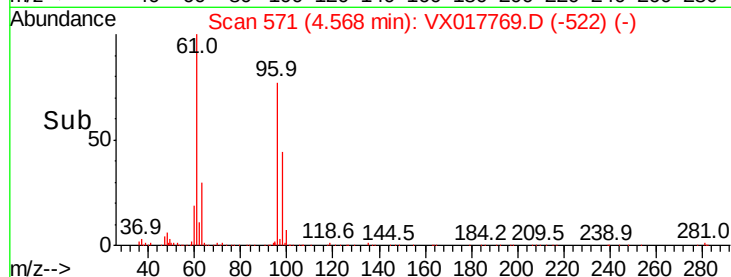
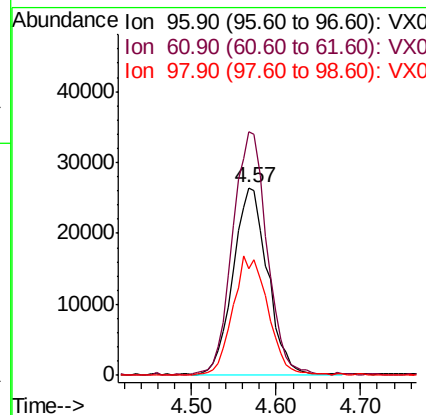
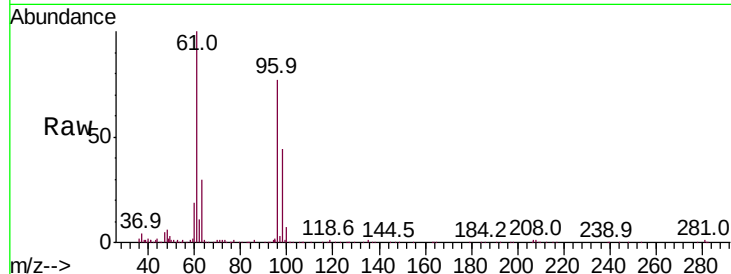


#27

cis-1,2-Dichloroethene  
Concen: 10.286 ug/l  
RT: 4.57 min Scan# 571  
Delta R.T. -0.00 min  
Lab File: VX017769.D  
Acq: 04 Aug 2020 14:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB179-GW-358-360

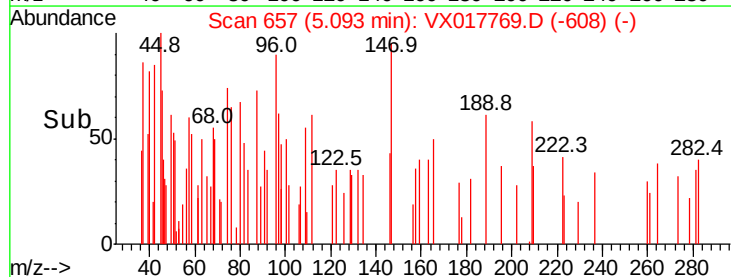
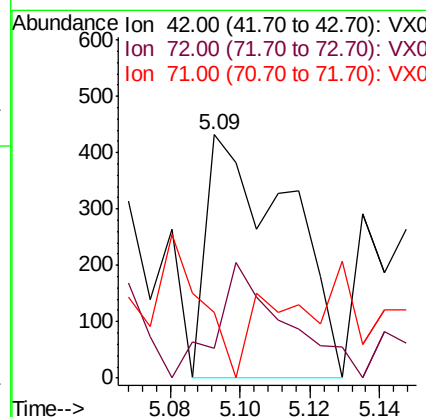
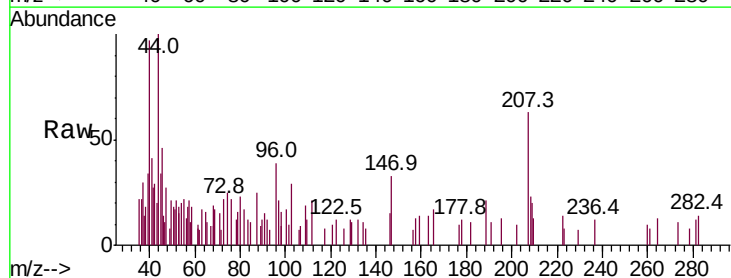
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 130.9 | 0.0   | 301.2 |
| 98      | 65.2  | 0.0   | 130.0 |

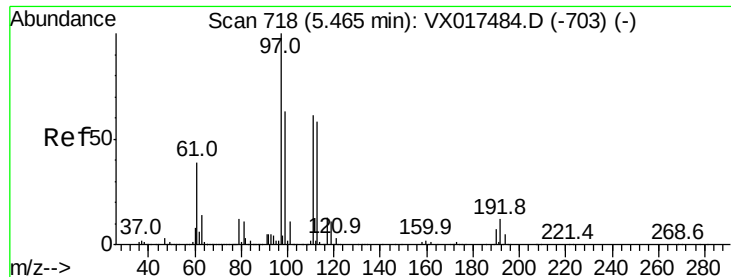


#29

Tetrahydrofuran  
Concen: 0.239 ug/l  
RT: 5.09 min Scan# 657  
Delta R.T. -0.00 min  
Lab File: VX017769.D  
Acq: 04 Aug 2020 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.0  | 35.5  | 53.3  |
| 71      | 44.9  | 33.0  | 49.4  |





#32

1,1,1-Trichloroethane

Concen: 0.422 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB179-GW-358-360

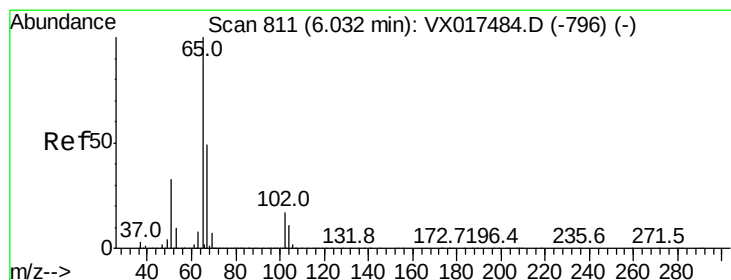
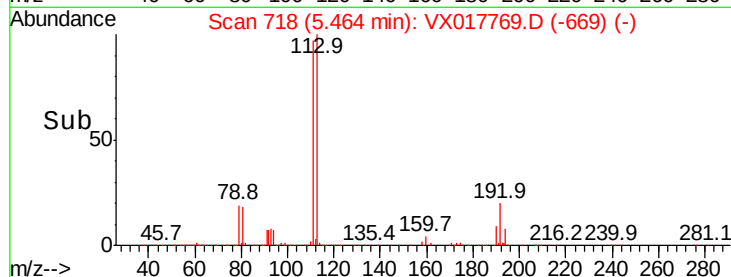
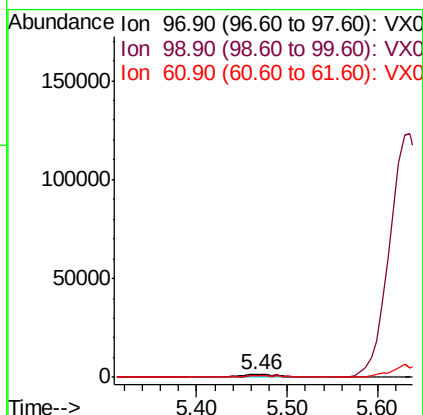
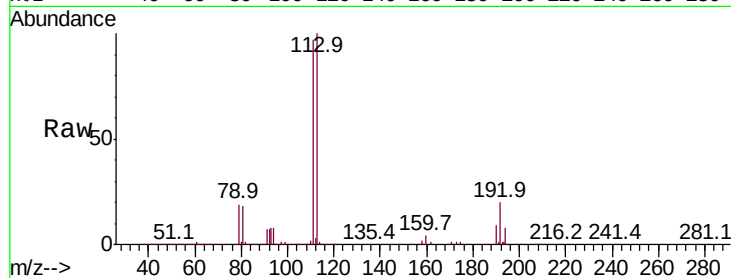
Tot Ion: 97 Resp: 4769

Ion Ratio Lower Upper

97 100

99 0.0 51.9 77.9#

61 53.6 34.1 51.1#



#33

1,2-Dichloroethane-d4

Concen: 50.357 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017769.D

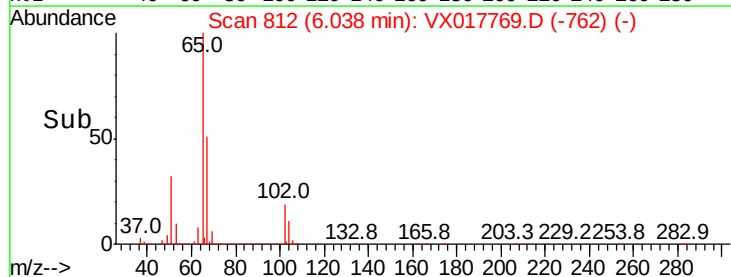
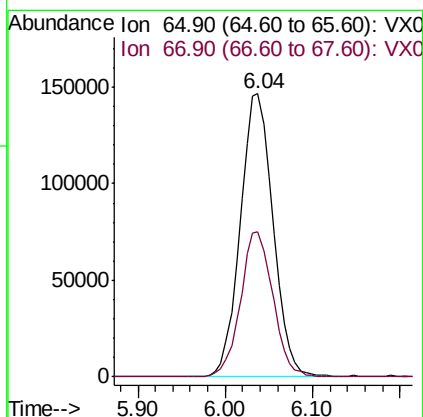
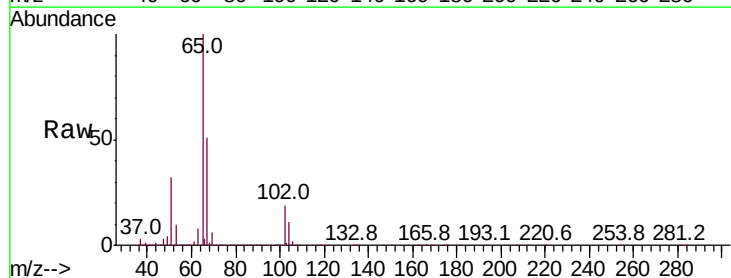
Acq: 04 Aug 2020 14:39

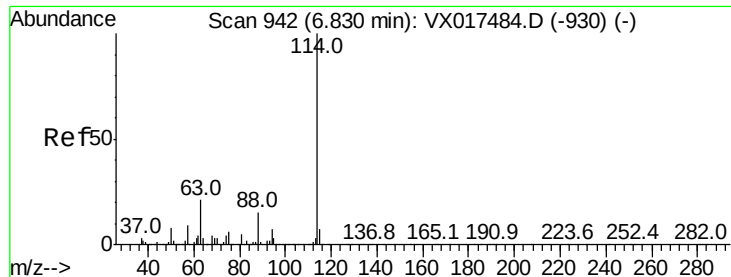
Tgt Ion: 65 Resp: 381639

Ion Ratio Lower Upper

65 100

67 50.8 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: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB179-GW-358-360

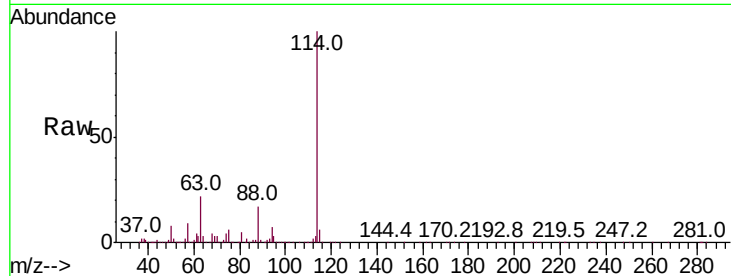
Tot Ion:114 Resp: 866607

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.6

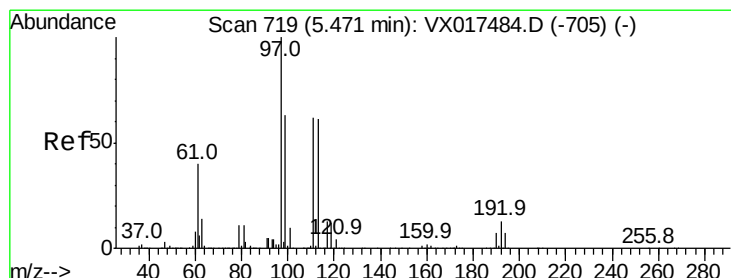
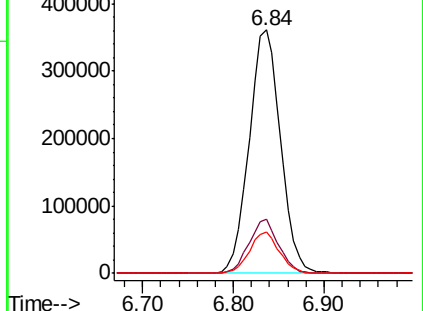
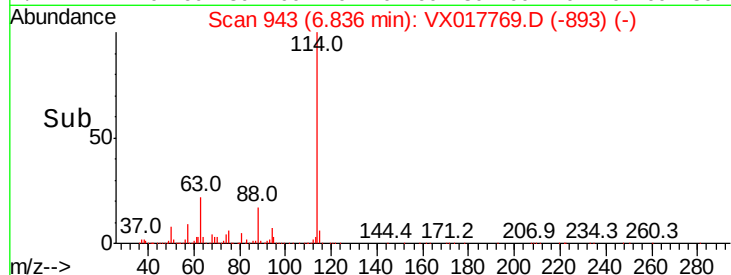
88 16.9 0.0 33.4



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: 52.020 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

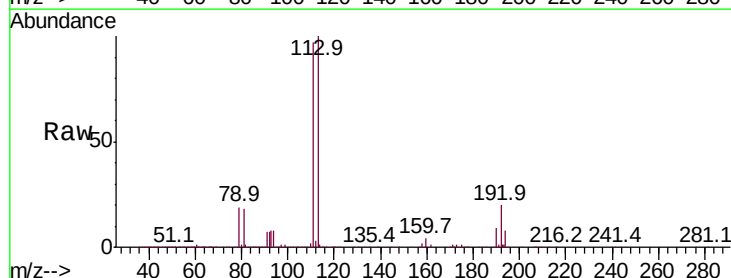
Tgt Ion:113 Resp: 301505

Ion Ratio Lower Upper

113 100

111 100.9 80.7 121.1

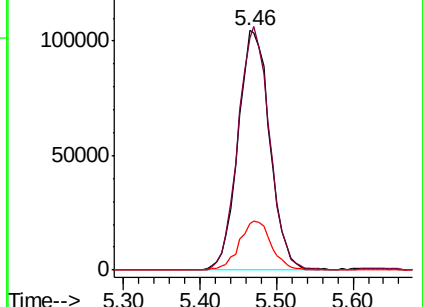
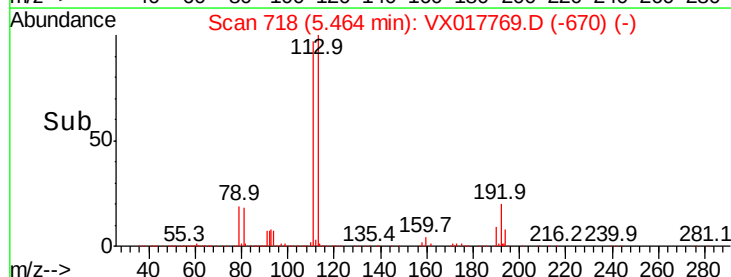
192 20.5 16.9 25.3

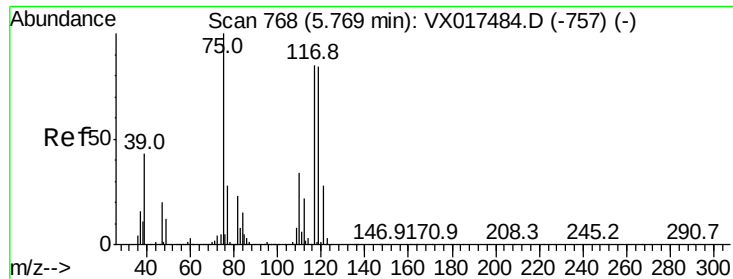


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

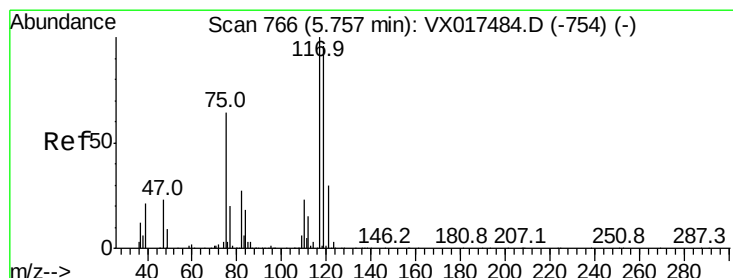
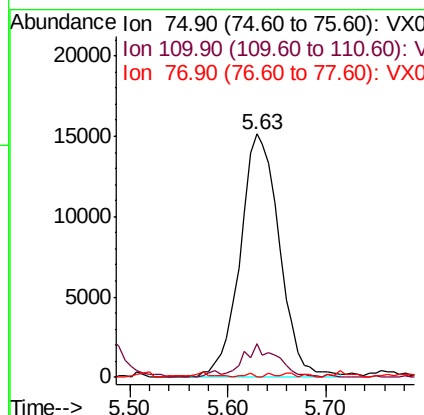
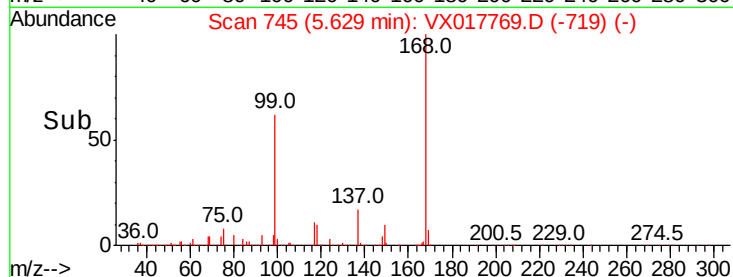
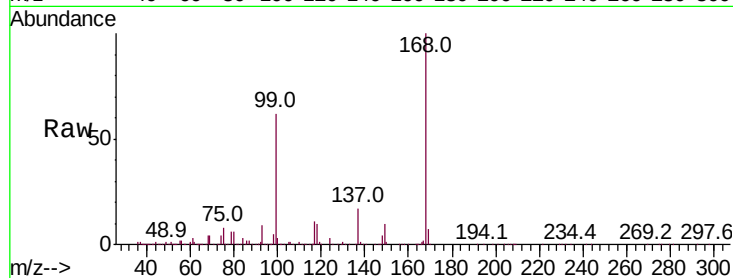




#36  
 1,1-Dichloropropene  
 Concen: 5.090 ug/l  
 RT: 5.63 min Scan# 745  
 Delta R.T. -0.14 min  
 Lab File: VX017769.D  
 Acq: 04 Aug 2020 14:39

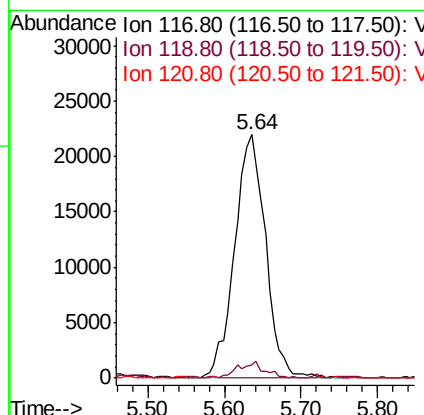
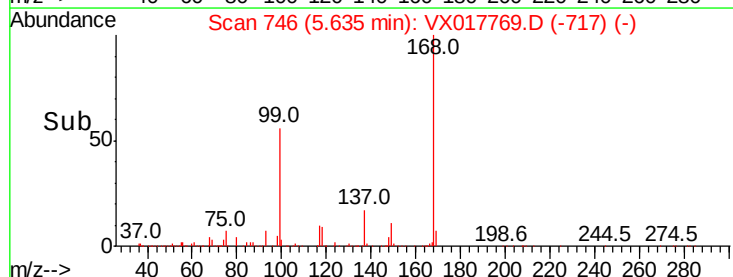
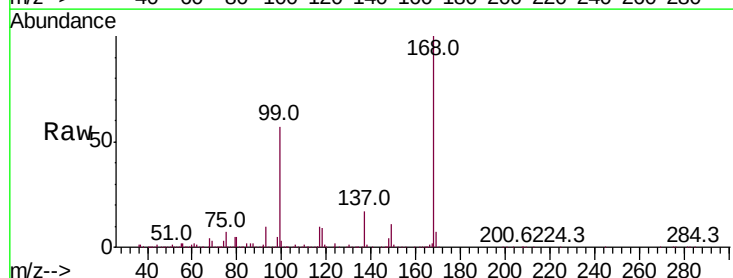
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB179-GW-358-360

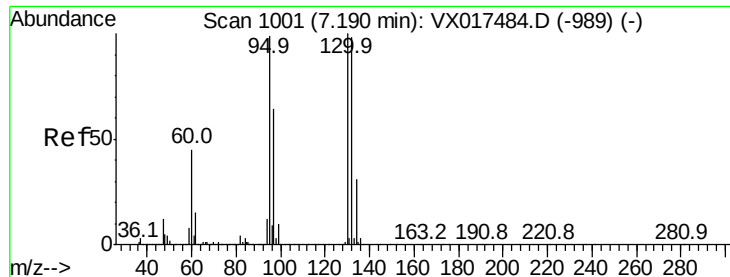
Tot Ion: 75 Resp: 42308  
 Ion Ratio Lower Upper  
 75 100  
 110 11.8 18.1 54.3#  
 77 0.5 24.6 37.0#



#38  
 Carbon Tetrachloride  
 Concen: 6.121 ug/l  
 RT: 5.64 min Scan# 746  
 Delta R.T. -0.12 min  
 Lab File: VX017769.D  
 Acq: 04 Aug 2020 14:39

Tgt Ion: 117 Resp: 61783  
 Ion Ratio Lower Upper  
 117 100  
 119 4.8 75.4 113.0#  
 121 0.0 24.3 36.5#





#44

Trichloroethene

Concen: 75.528 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

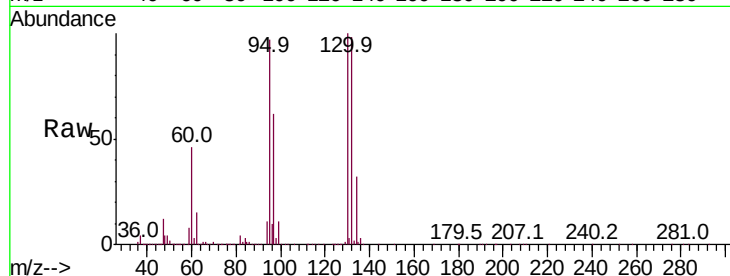
BP-VPB179-GW-358-360

Tot Ion:130 Resp: 525963

Ion Ratio Lower Upper

130 100

95 97.3 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

250000

200000

150000

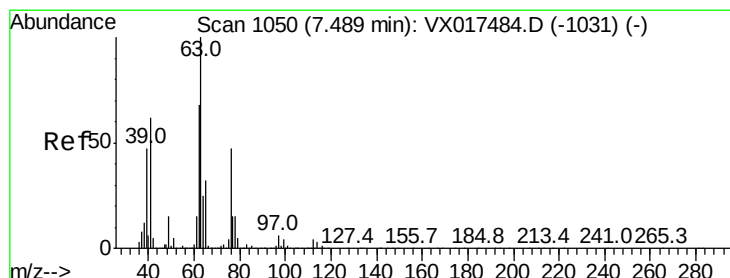
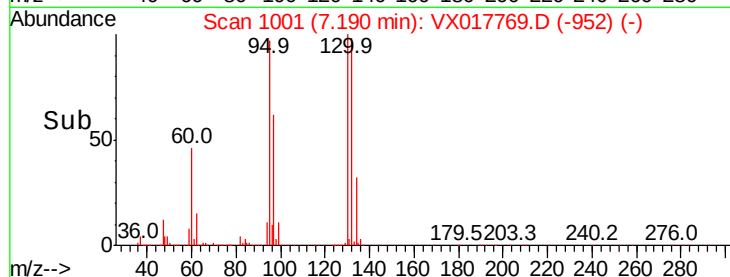
100000

50000

0

Time-->

7.10 7.20 7.30



#45

1,2-Dichloropropane

Concen: 0.952 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017769.D

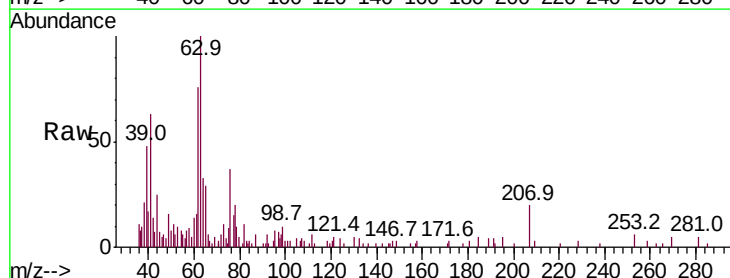
Acq: 04 Aug 2020 14:39

Tgt Ion: 63 Resp: 6289

Ion Ratio Lower Upper

63 100

65 26.7 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

3000

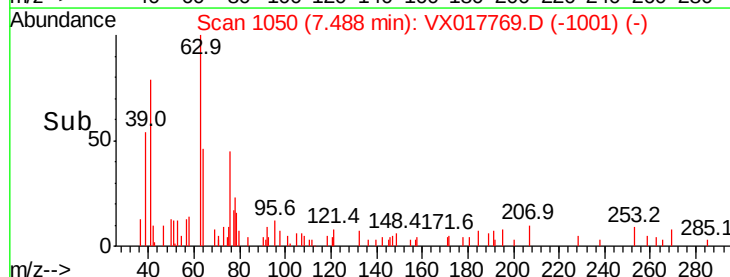
2000

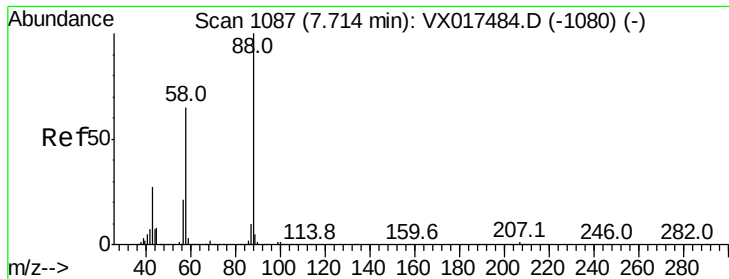
1000

0

Time-->

7.40 7.45 7.50 7.55





#49

1,4-Dioxane

Concen: 2.209 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB179-GW-358-360

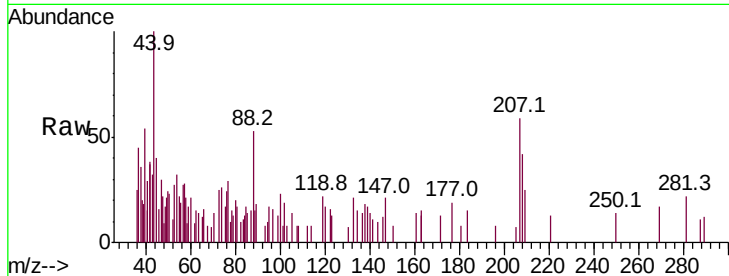
Tot Ion: 88 Resp: 315

Ion Ratio Lower Upper

88 100

43 118.7 27.8 41.6#

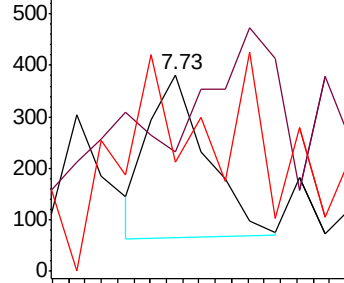
58 198.4 58.3 87.5#



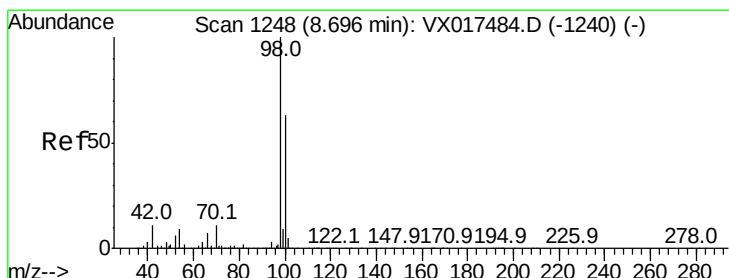
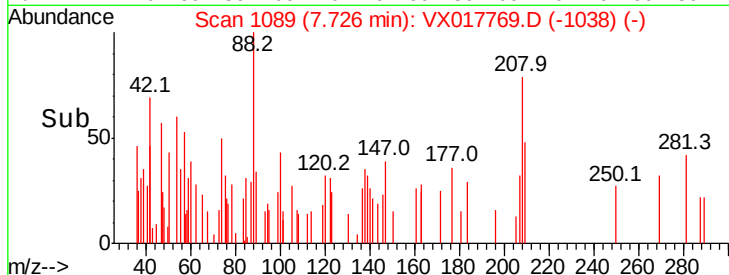
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 49.128 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017769.D

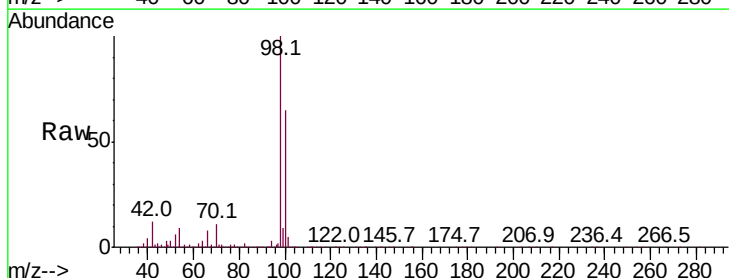
Acq: 04 Aug 2020 14:39

Tgt Ion: 98 Resp: 1027200

Ion Ratio Lower Upper

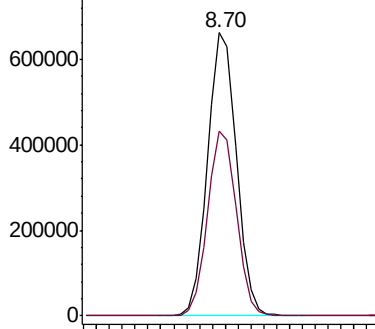
98 100

100 65.3 52.3 78.5

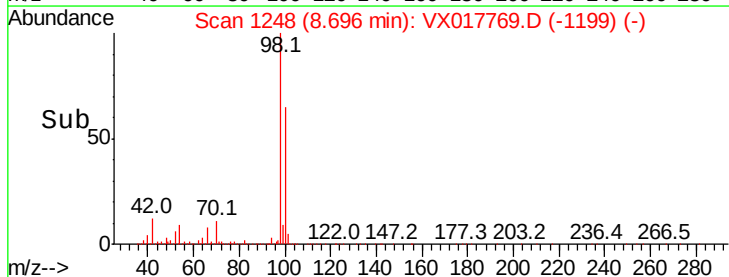


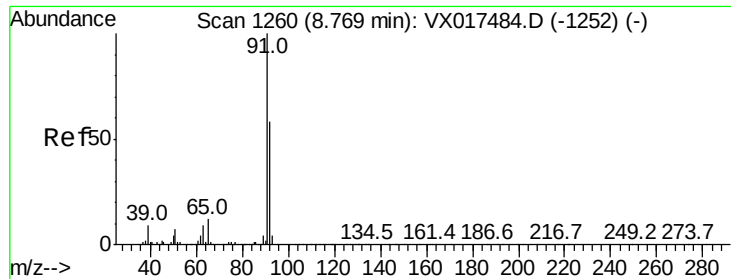
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->





#52

Toluene

Concen: 0.225 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

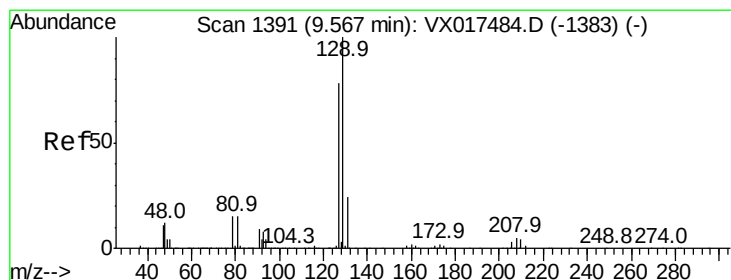
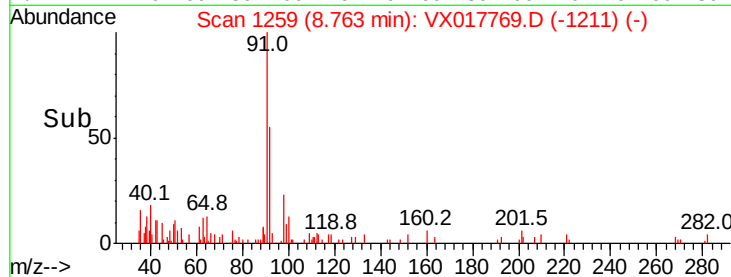
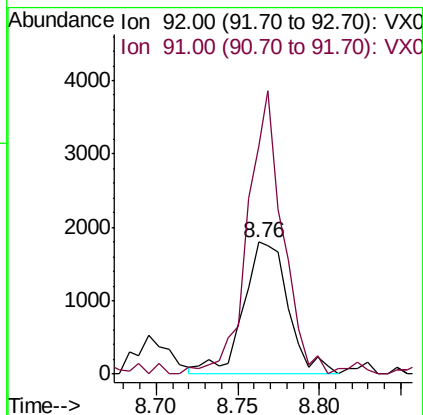
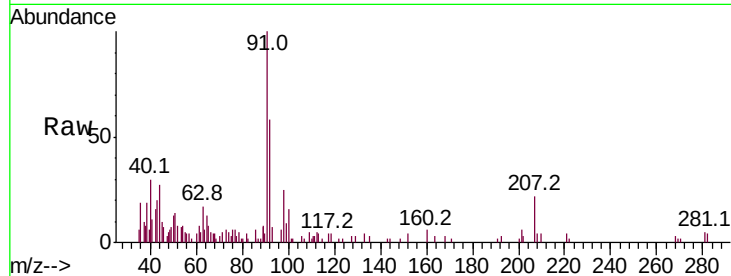
BP-VPB179-GW-358-360

Tot Ion: 92 Resp: 3435

Ion Ratio Lower Upper

92 100

91 168.8 137.6 206.4



#60

Dibromochloromethane

Concen: 11.365 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX017769.D

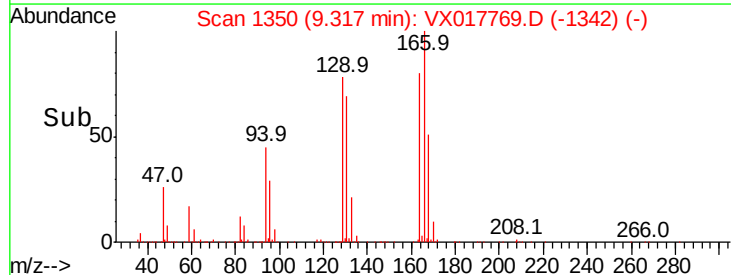
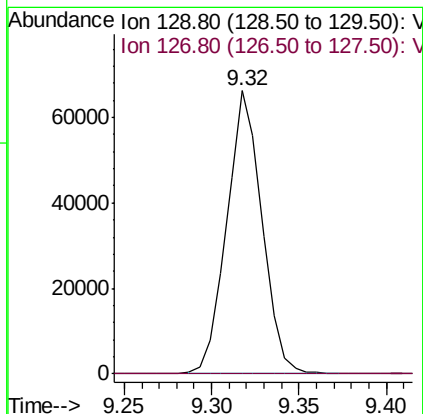
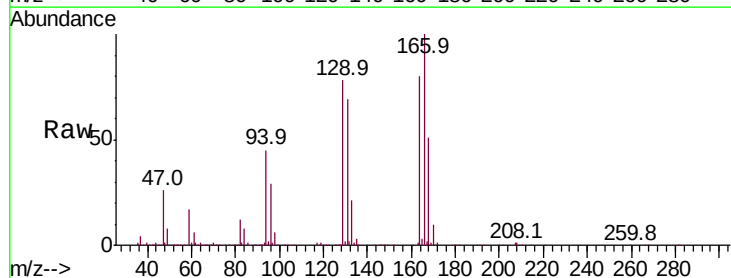
Acq: 04 Aug 2020 14:39

Tgt Ion: 129 Resp: 91956

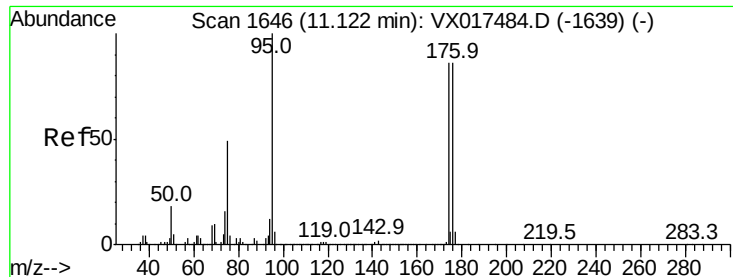
Ion Ratio Lower Upper

129 100

127 0.2 38.4 115.1#







#62

4-Bromofluorobenzene

Concen: 46.985 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB179-GW-358-360

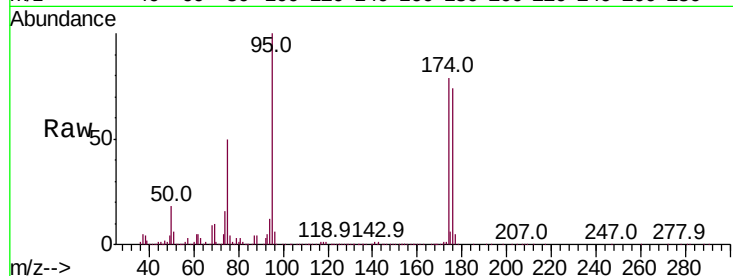
Tot Ion: 95 Resp: 393154

Ion Ratio Lower Upper

95 100

174 82.5 0.0 169.0

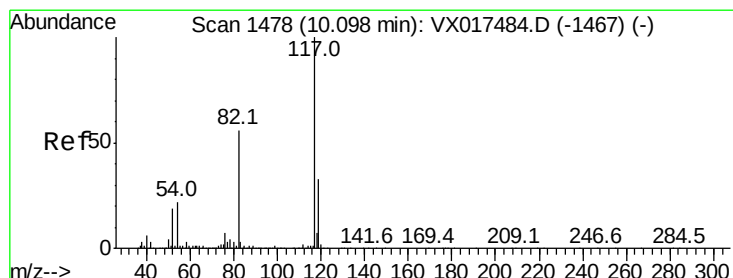
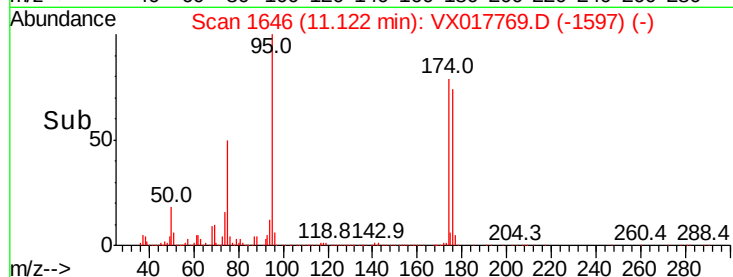
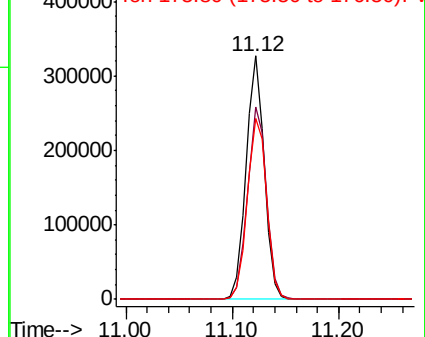
176 79.0 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX017484.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017484.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017484.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

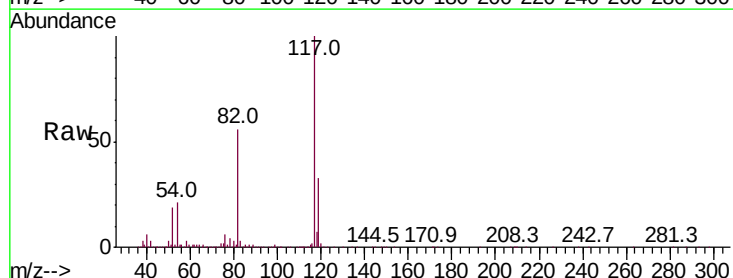
Tgt Ion: 117 Resp: 808747

Ion Ratio Lower Upper

117 100

82 55.6 44.0 66.0

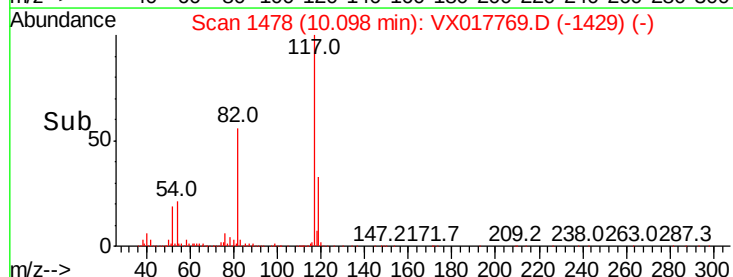
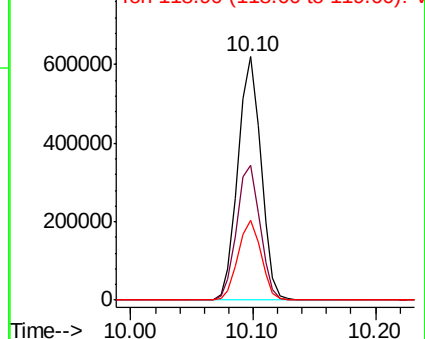
119 33.0 25.4 38.0

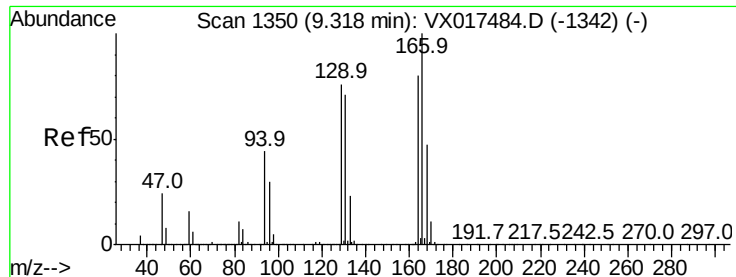


Abundance Ion 116.90 (116.60 to 117.60): VX017484.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX017484.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX017484.D (-1467) (-)





#64

Tetrachloroethene

Concen: 13.152 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB179-GW-358-360

Tot Ion:164 Resp: 95465

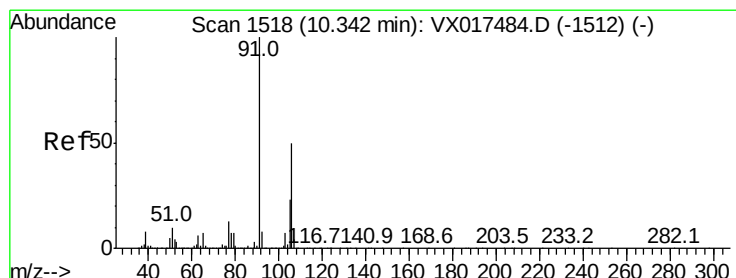
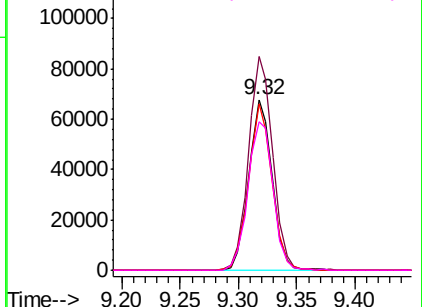
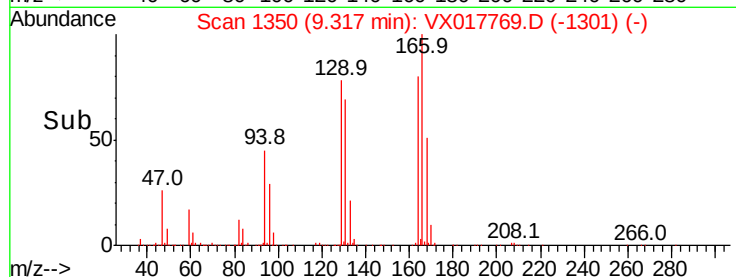
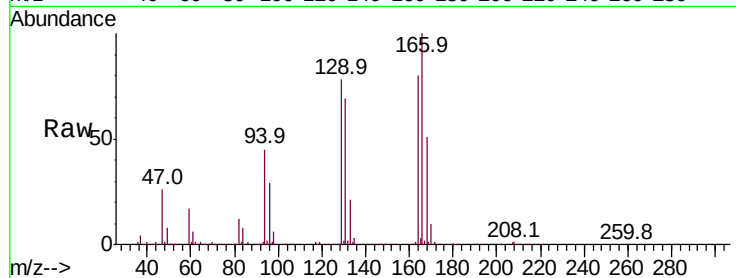
Ion Ratio Lower Upper

164 100

166 124.9 100.6 150.8

129 97.6 75.0 112.6

131 86.5 75.2 112.8



#68

m/p-Xylenes

Concen: 0.301 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017769.D

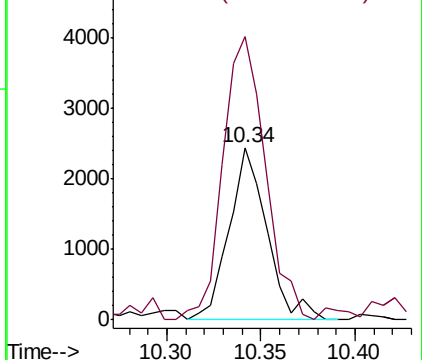
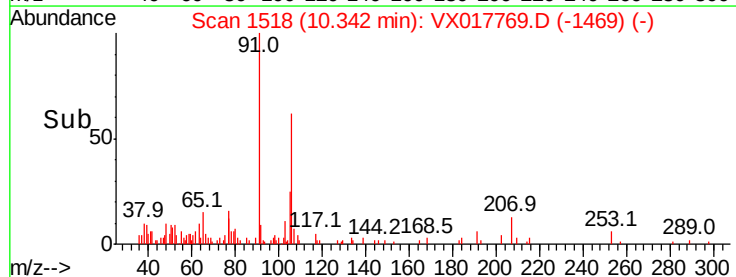
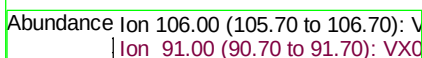
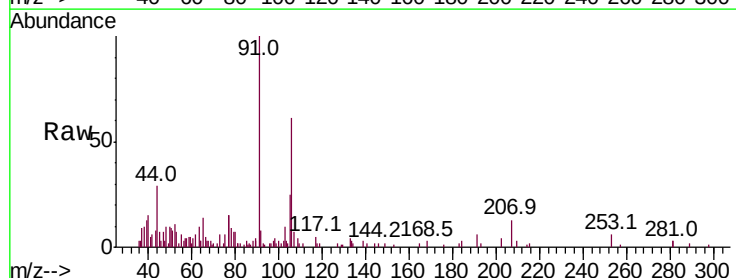
Acq: 04 Aug 2020 14:39

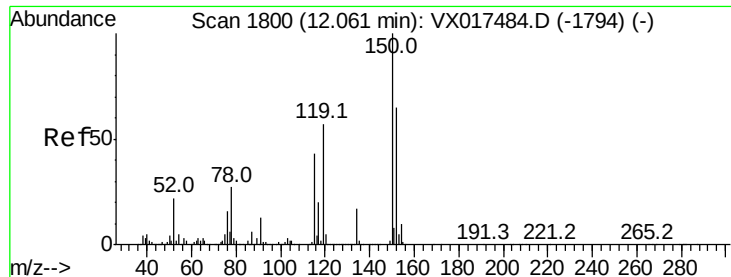
Tgt Ion:106 Resp: 3410

Ion Ratio Lower Upper

106 100

91 183.6 160.9 241.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB179-GW-358-360

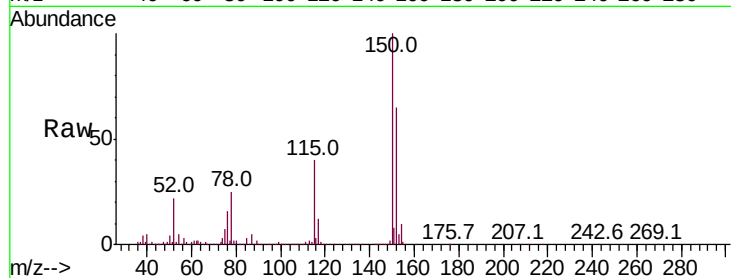
Tot Ion:152 Resp: 411016

Ion Ratio Lower Upper

152 100

115 58.3 65.5 196.6#

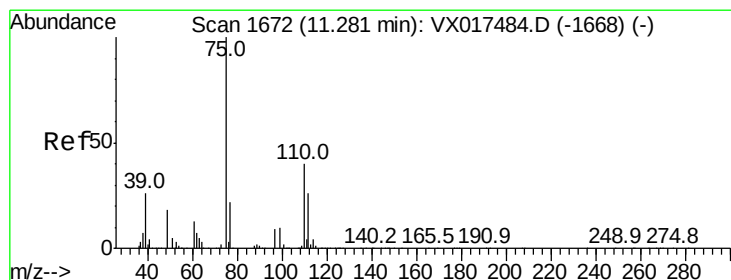
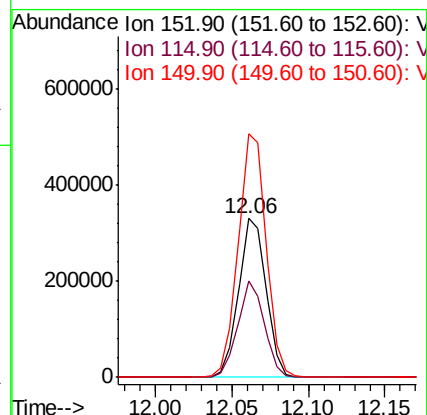
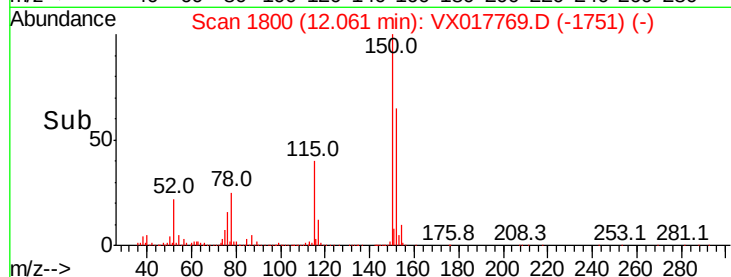
150 155.4 0.0 412.6



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: 24.075 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017769.D

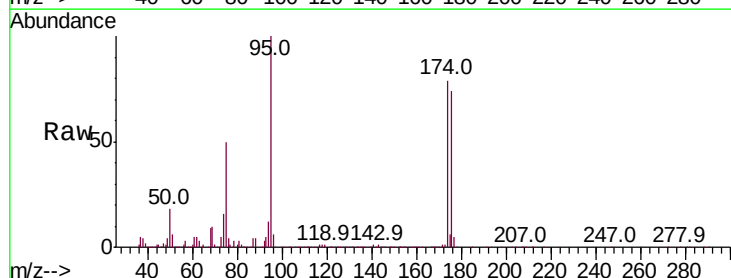
Acq: 04 Aug 2020 14:39

Tgt Ion: 75 Resp: 203547

Ion Ratio Lower Upper

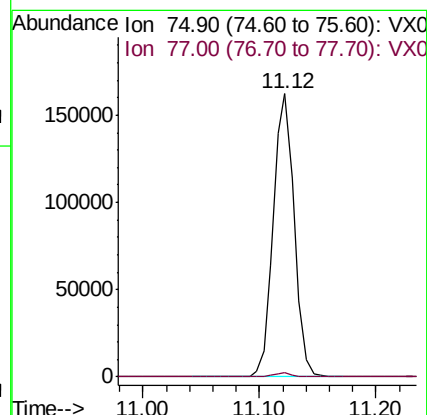
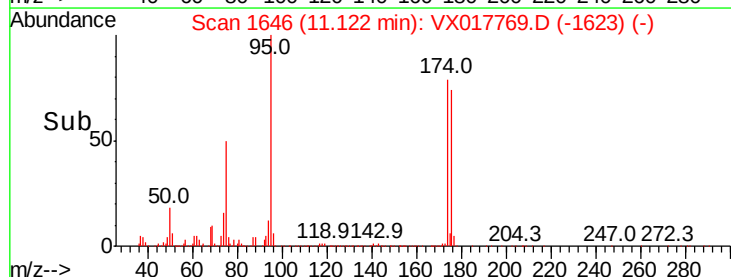
75 100

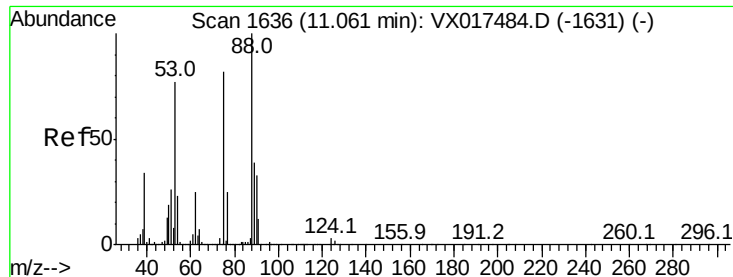
77 1.5 21.8 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 60.663 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB179-GW-358-360

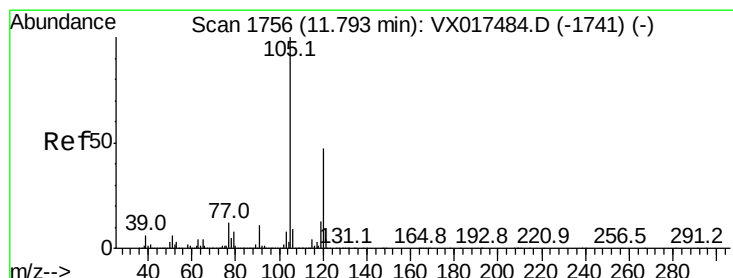
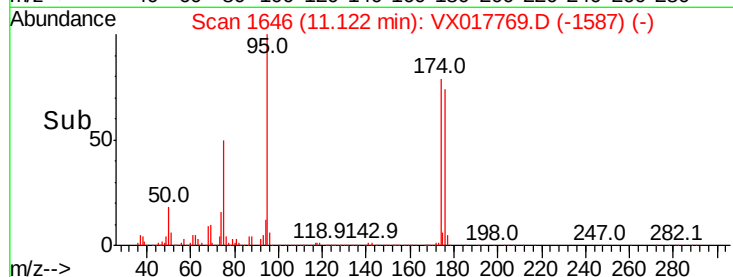
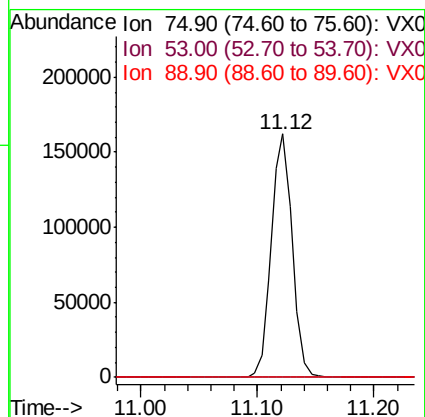
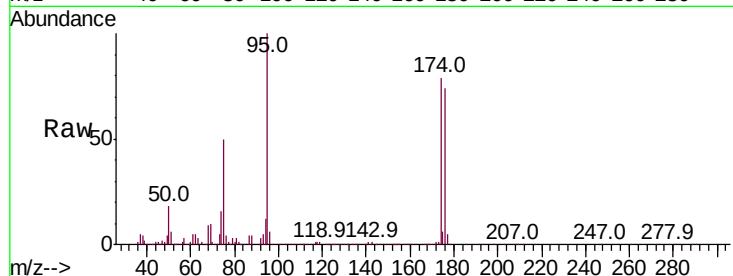
Tot Ion: 75 Resp: 203547

Ion Ratio Lower Upper

75 100

53 0.4 75.9 113.9#

89 0.0 37.8 56.6#



#84

1,2,4-Trimethylbenzene

Concen: 0.275 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017769.D

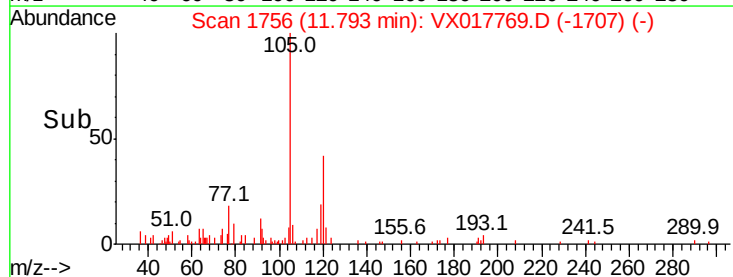
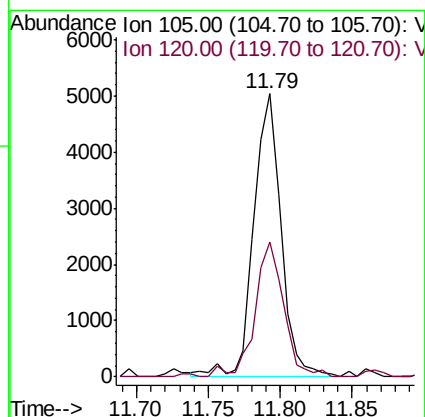
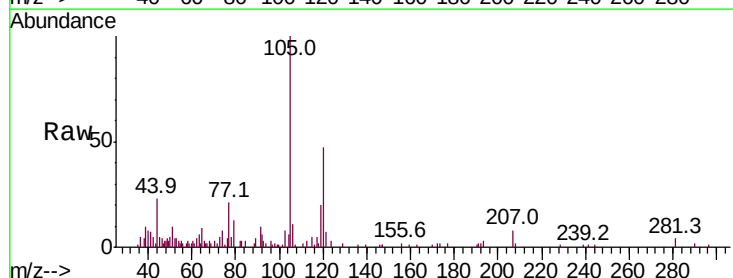
Acq: 04 Aug 2020 14:39

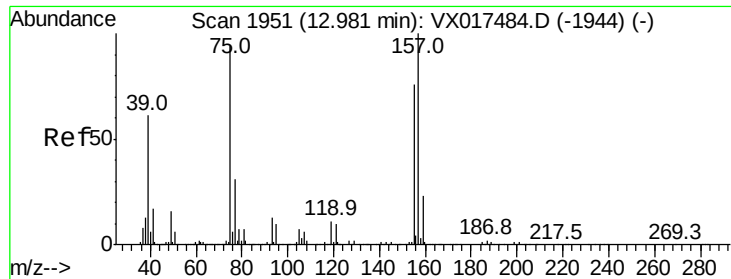
Tgt Ion: 105 Resp: 6580

Ion Ratio Lower Upper

105 100

120 50.1 22.7 68.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.770 ug/l

RT: 12.96 min Scan# 1947

Delta R.T. -0.02 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB179-GW-358-360

Tot Ion: 75 Resp: 507

Ion Ratio Lower Upper

75 100

155 0.0 42.3 126.8#

157 13.2 54.3 162.9#

