

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021820\  
 Data File : VX014951.D  
 Acq On : 18 Feb 2020 12:00  
 Operator : JC/SP  
 Sample : L1564-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-200217

Quant Time: Feb 19 00:16:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X021020W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 10 12:09:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 434412   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 676196   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 647899   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 321542   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.05  | 65   | 245864   | 50.15 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.30% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 205321   | 49.39 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.78%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 810225   | 51.06 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.12% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 295280   | 51.66 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.32% |          |

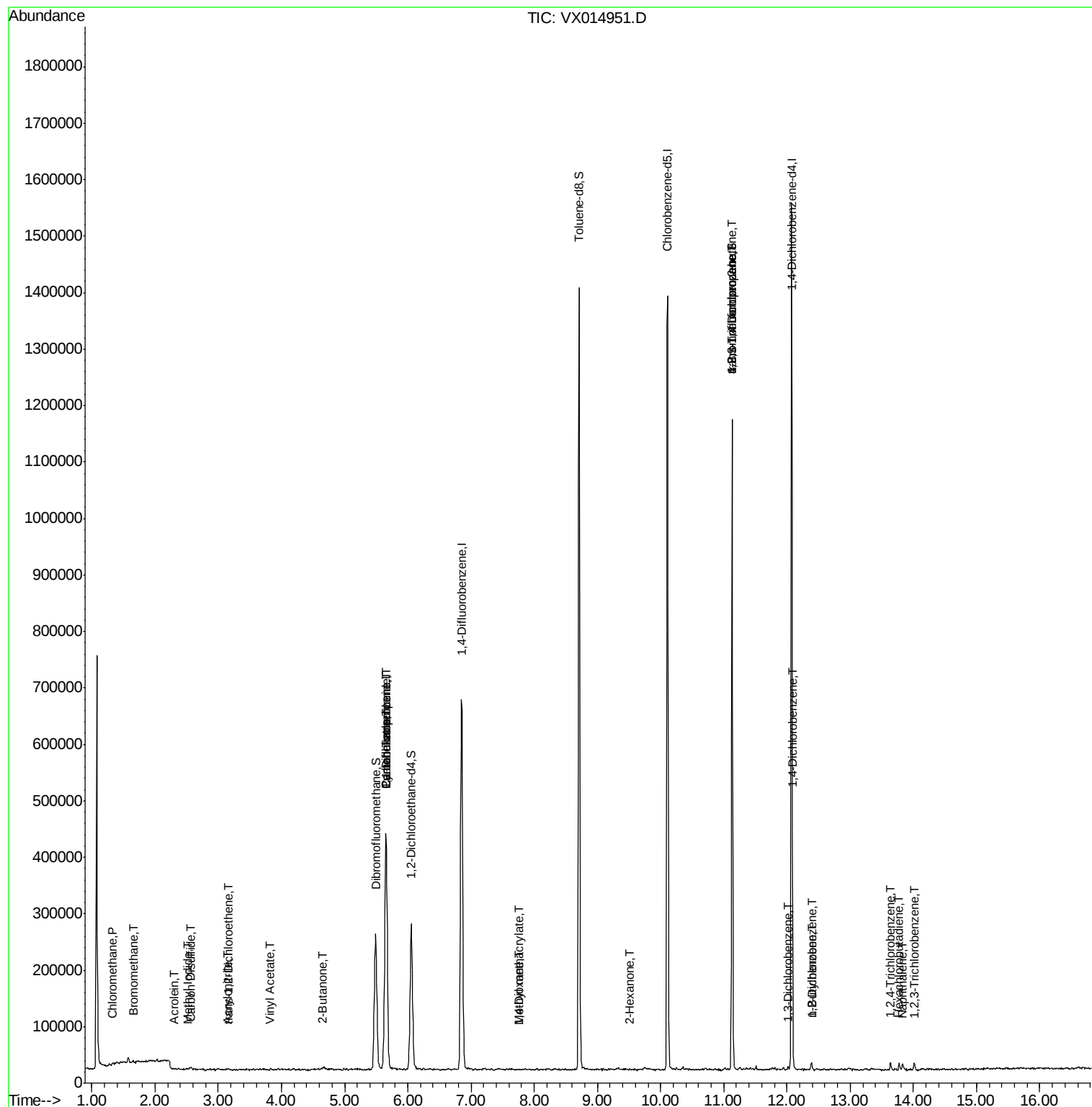
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.33  | 50   | 1102     | 0.236     | ug/l   | 99     |
| 5) Bromomethane                | 1.66  | 94   | 1851     | 0.569     | ug/l # | 70     |
| 10) Methyl Iodide              | 2.52  | 142  | 2951     | 4.961     | ug/l # | 79     |
| 13) Acrolein                   | 2.30  | 56   | 460      | 0.697     | ug/l # | 15     |
| 15) Acrylonitrile              | 3.15  | 53   | 492      | 0.224     | ug/l # | 6      |
| 16) Acetone                    | 2.44  | 43   | 800      | Below Cal |        | 90     |
| 17) Carbon Disulfide           | 2.56  | 76   | 3952     | 0.355     | ug/l # | 82     |
| 21) trans-1,2-Dichloroethene   | 3.15  | 96   | 1220     | 0.278     | ug/l # | 91     |
| 23) Vinyl Acetate              | 3.83  | 43   | 2353     | 0.212     | ug/l   | 99     |
| 25) 2-Butanone                 | 4.66  | 43   | 1038     | 0.311     | ug/l # | 66     |
| 31) Cyclohexane                | 5.65  | 56   | 7813     | 1.127     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 5.65  | 75   | 29069    | 4.806     | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 5.65  | 117  | 38281    | 6.494     | ug/l # | 15     |
| 48) Methyl methacrylate        | 7.76  | 41   | 1035     | 0.202     | ug/l # | 42     |
| 49) 1,4-Dioxane                | 7.75  | 88   | 394      | 4.114     | ug/l # | 35     |
| 59) 2-Hexanone                 | 9.50  | 43   | 1411     | 0.286     | ug/l   | 80     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 146037   | 25.116    | ug/l # | 40     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 146037   | 64.289    | ug/l # | 12     |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 2625     | 0.260     | ug/l # | 82     |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 3531     | 0.342     | ug/l # | 1      |
| 89) n-Butylbenzene             | 12.39 | 91   | 5091     | 0.306     | ug/l   | 94     |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 2265     | 0.229     | ug/l   | 89     |
| 93) 1,2,4-Trichlorobenzene     | 13.64 | 180  | 3731     | 0.511     | ug/l   | 94     |
| 94) Hexachlorobutadiene        | 13.78 | 225  | 1460     | 0.413     | ug/l   | 68     |
| 95) Naphthalene                | 13.83 | 128  | 7675     | 0.395     | ug/l # | 89     |
| 96) 1,2,3-Trichlorobenzene     | 14.02 | 180  | 3392     | 0.480     | ug/l   | 95     |

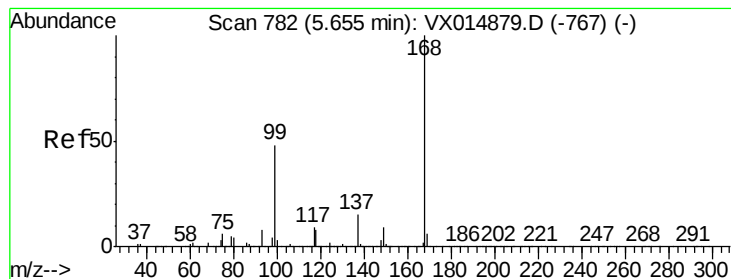
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021820\  
Data File : VX014951.D  
Acq On : 18 Feb 2020 12:00  
Operator : JC/SP  
Sample : L1564-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-200217

Quant Time: Feb 19 00:16:04 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X021020W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 10 12:09:20 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

Instrument :

MSVOA\_X

ClientSampleId :

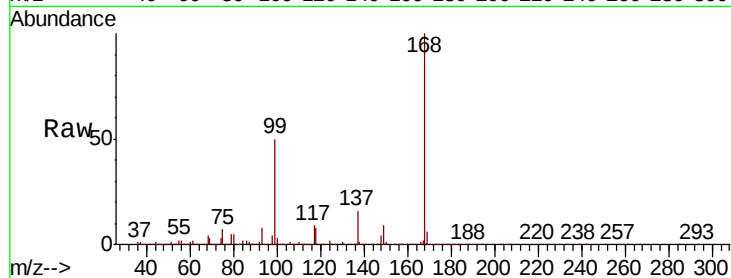
TB-01-200217

Tot Ion:168 Resp: 434412

Ion Ratio Lower Upper

168 100

99 50.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

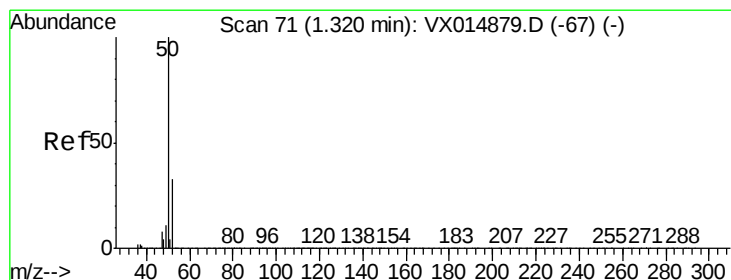
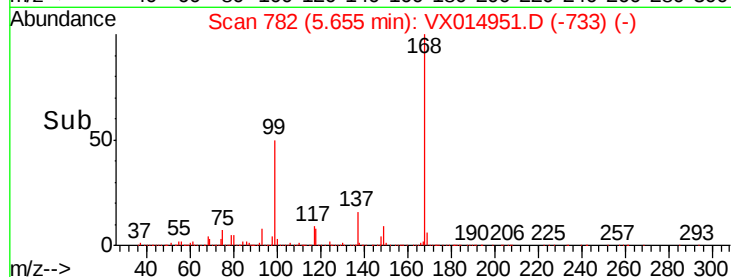
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.236 ug/l

RT: 1.33 min Scan# 73

Delta R.T. 0.01 min

Lab File: VX014951.D

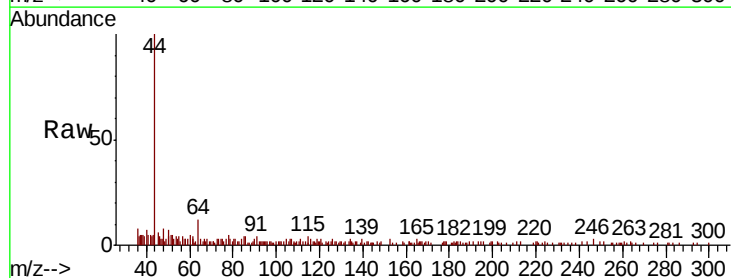
Acq: 18 Feb 2020 12:00

Tgt Ion: 50 Resp: 1102

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

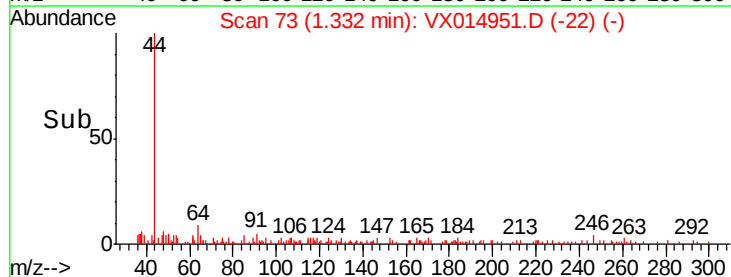
600

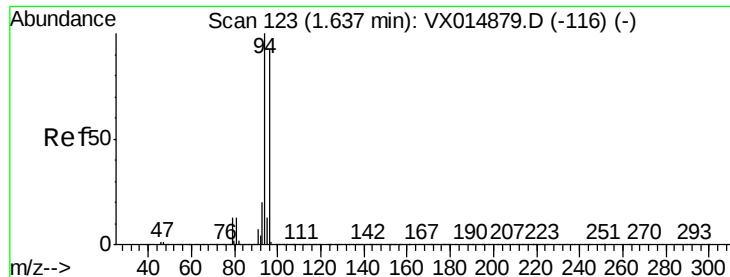
400

200

0

Time-->





#5

Bromomethane

Concen: 0.569 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.02 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

Instrument :

MSVOA\_X

ClientSampled :

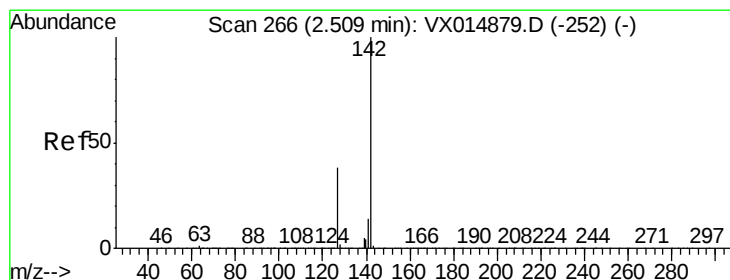
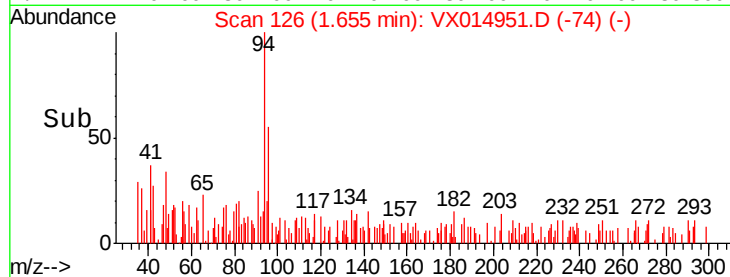
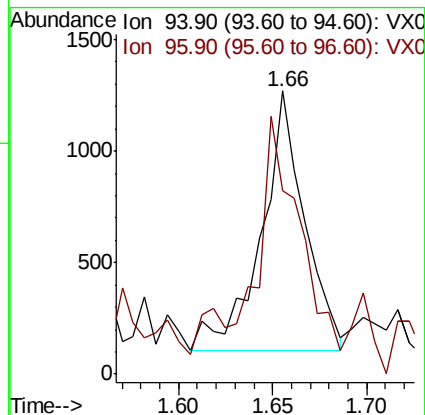
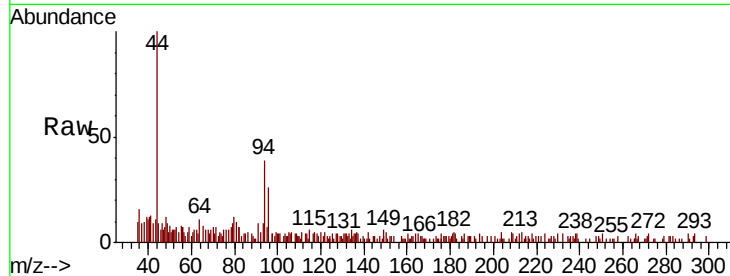
TB-01-200217

Tot Ion: 94 Resp: 1851

Ion Ratio Lower Upper

94 100

96 63.3 73.7 110.5#



#10

Methyl Iodide

Concen: 4.961 ug/l

RT: 2.52 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

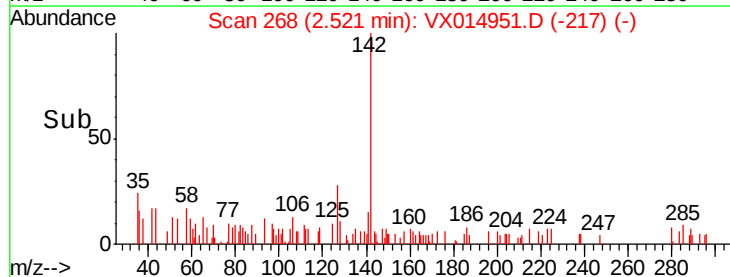
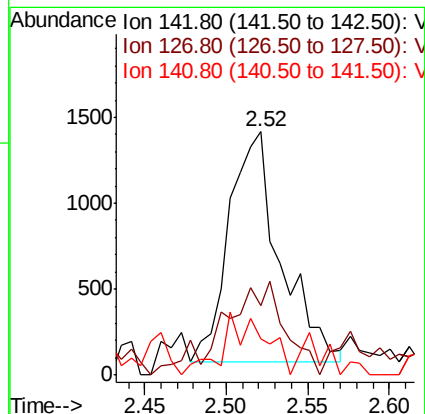
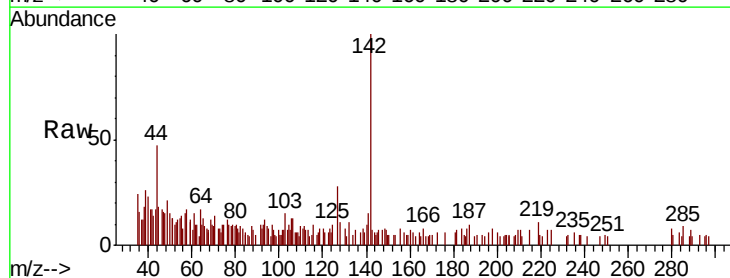
Tgt Ion: 142 Resp: 2951

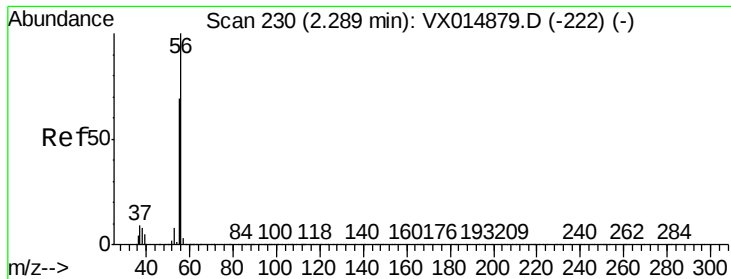
Ion Ratio Lower Upper

142 100

127 48.7 31.1 46.7#

141 0.0 11.3 16.9#

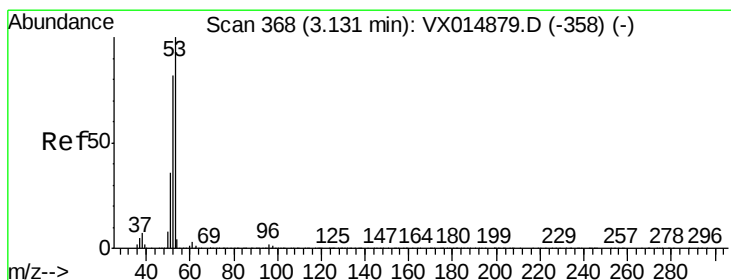
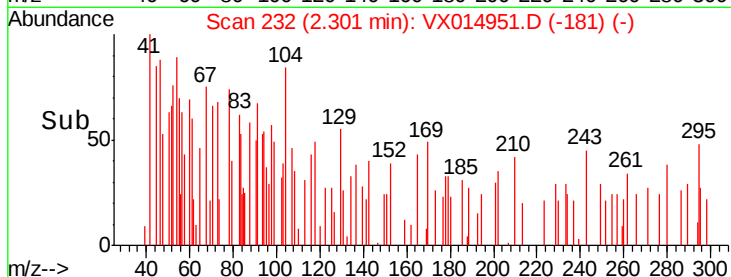
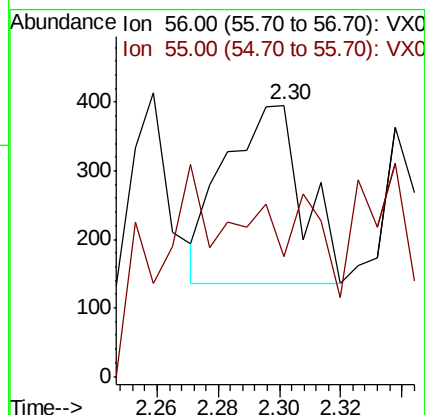
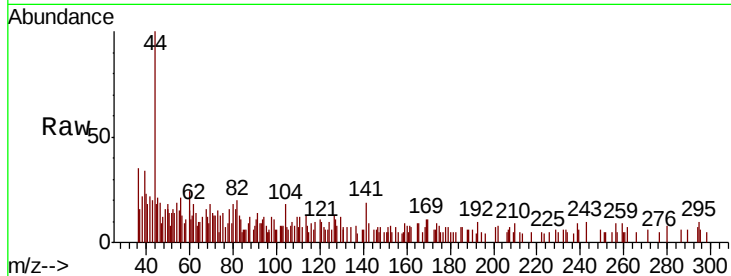




#13  
Acrolein  
Concen: 0.697 ug/l  
RT: 2.30 min Scan# 232  
Delta R.T. 0.01 min  
Lab File: VX014951.D  
Acq: 18 Feb 2020 12:00

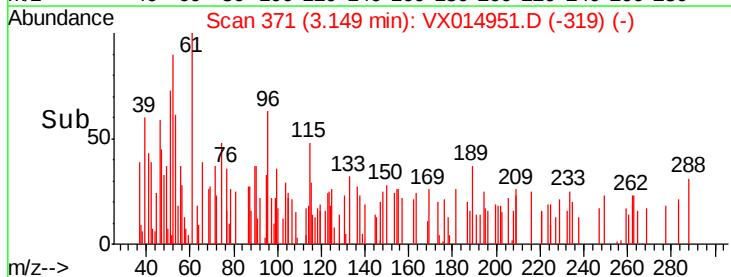
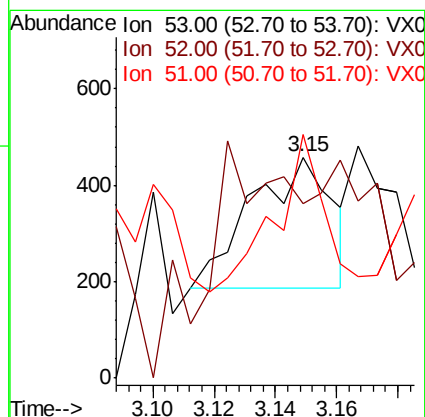
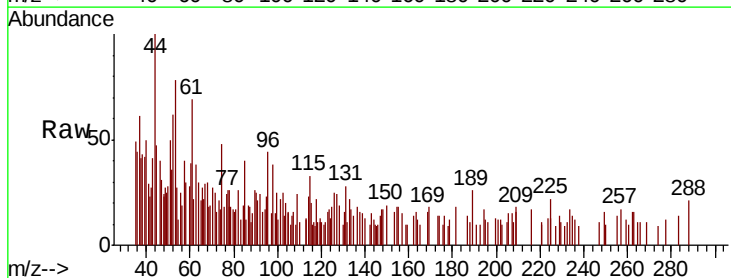
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-200217

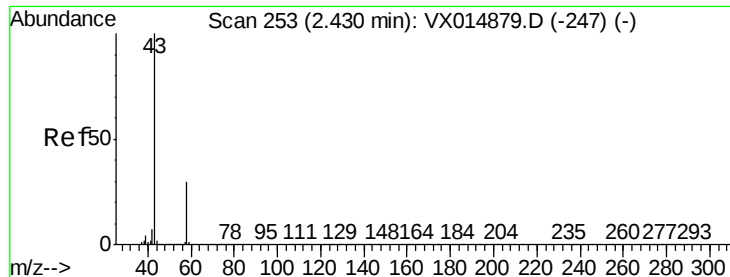
Tot Ion: 56 Resp: 460  
Ion Ratio Lower Upper  
56 100  
55 0.0 55.0 82.4#



#15  
Acrylonitrile  
Concen: 0.224 ug/l  
RT: 3.15 min Scan# 371  
Delta R.T. 0.02 min  
Lab File: VX014951.D  
Acq: 18 Feb 2020 12:00

Tgt Ion: 53 Resp: 492  
Ion Ratio Lower Upper  
53 100  
52 0.0 65.8 98.6#  
51 94.5 29.1 43.7#





#16

Acetone

Concen: Below Cal

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

Instrument :

MSVOA\_X

ClientSampleId :

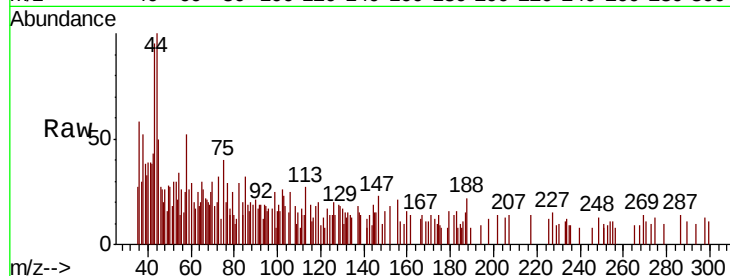
TB-01-200217

Tot Ion: 43 Resp: 800

Ion Ratio Lower Upper

43 100

58 35.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

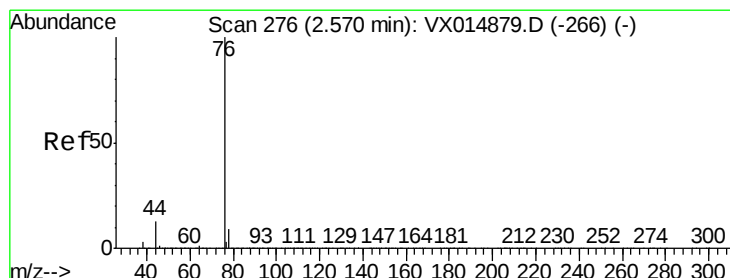
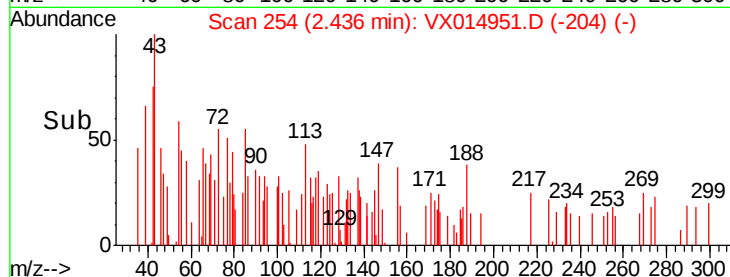
600

400

200

0

Time-->



#17

Carbon Disulfide

Concen: 0.355 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014951.D

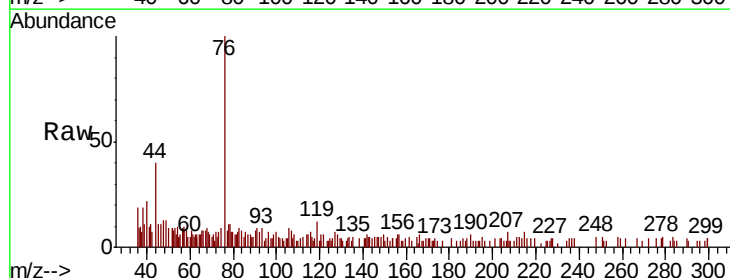
Acq: 18 Feb 2020 12:00

Tgt Ion: 76 Resp: 3952

Ion Ratio Lower Upper

76 100

78 15.6 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2500

2000

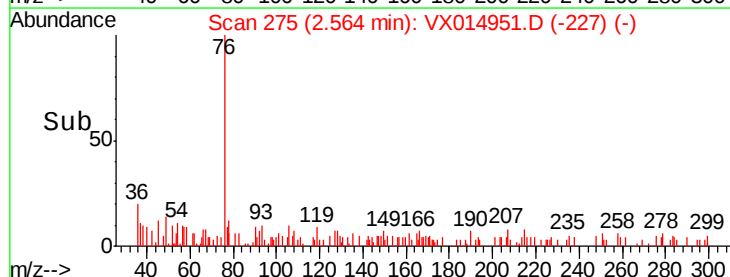
1500

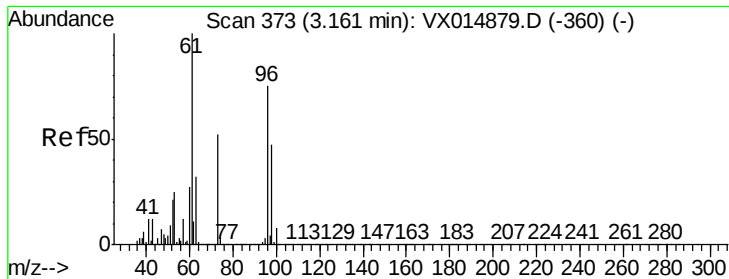
1000

500

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.278 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

Instrument :

MSVOA\_X

ClientSampleId :

TB-01-200217

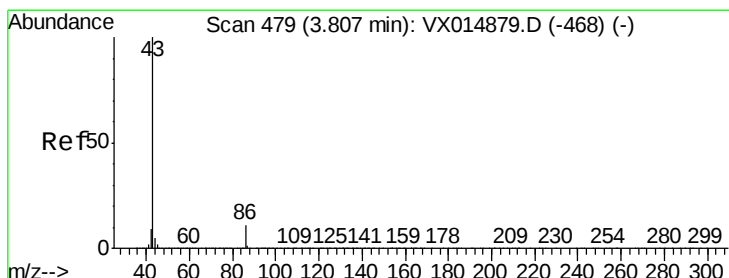
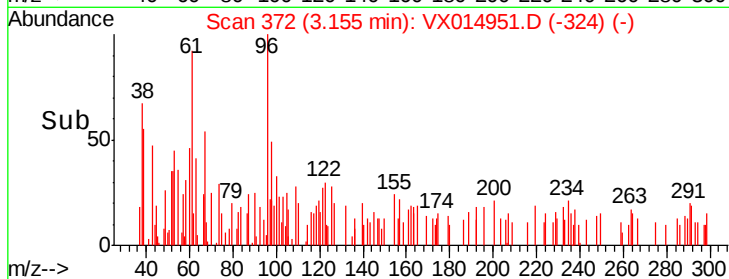
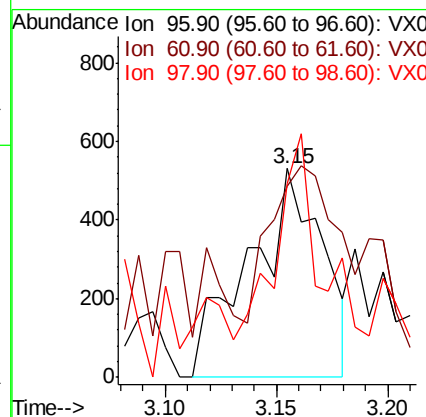
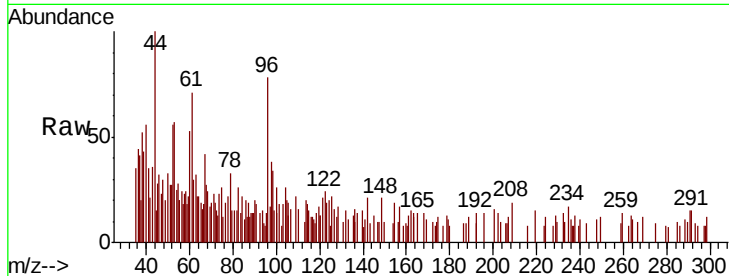
Tot Ion: 96 Resp: 1220

Ion Ratio Lower Upper

96 100

61 131.5 106.9 160.3

98 81.5 50.7 76.1#



#23

Vinyl Acetate

Concen: 0.212 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.02 min

Lab File: VX014951.D

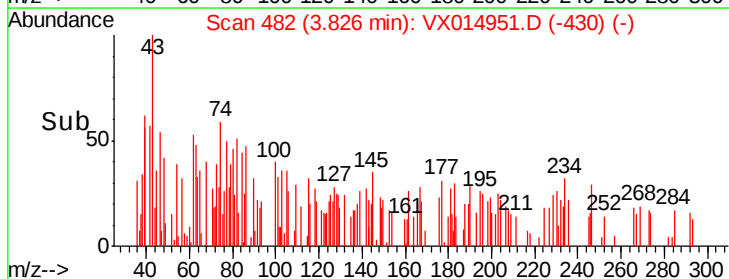
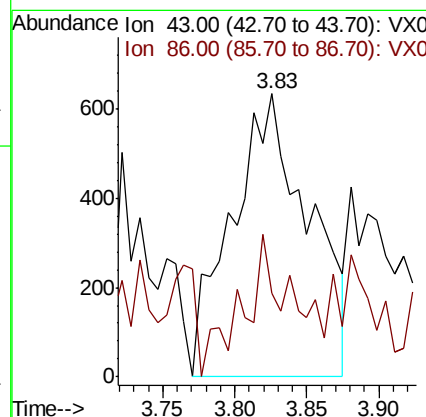
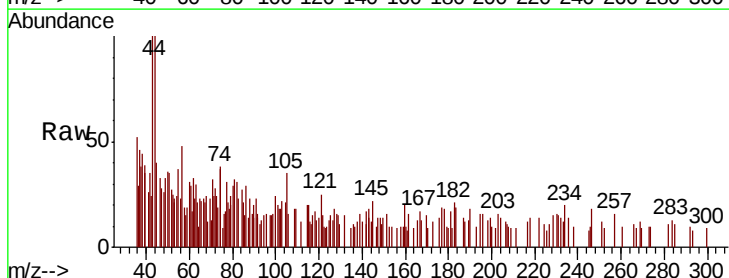
Acq: 18 Feb 2020 12:00

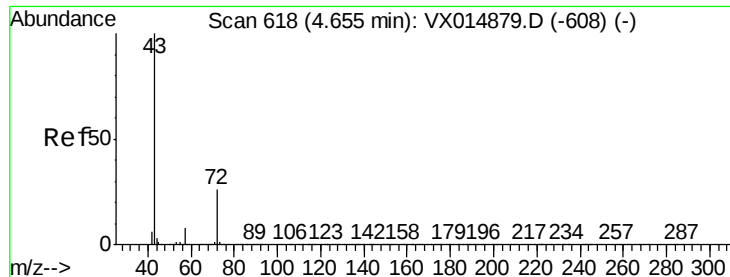
Tgt Ion: 43 Resp: 2353

Ion Ratio Lower Upper

43 100

86 11.4 8.9 13.3





#25

2-Butanone

Concen: 0.311 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

Instrument :

MSVOA\_X

ClientSampled :

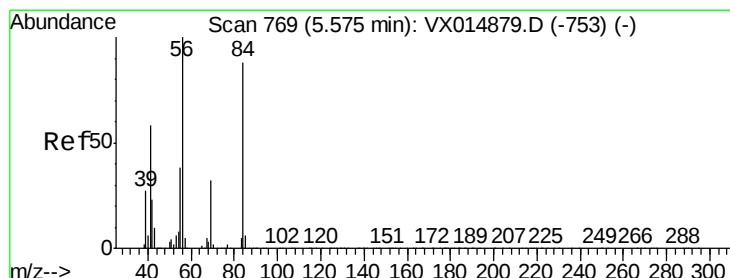
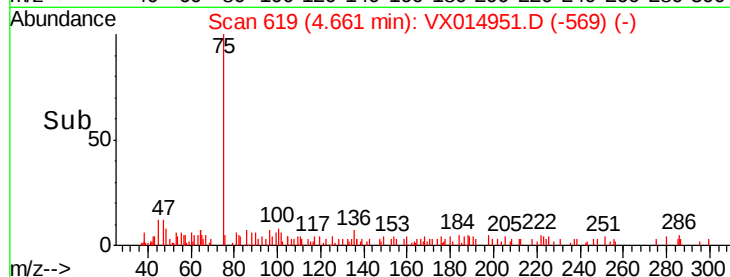
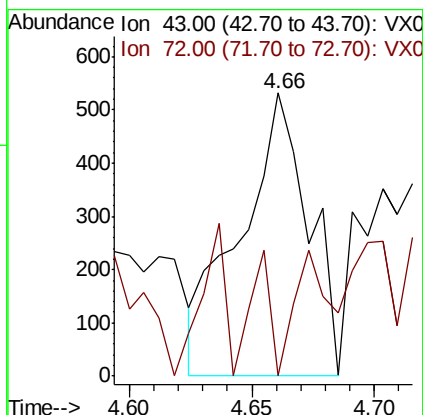
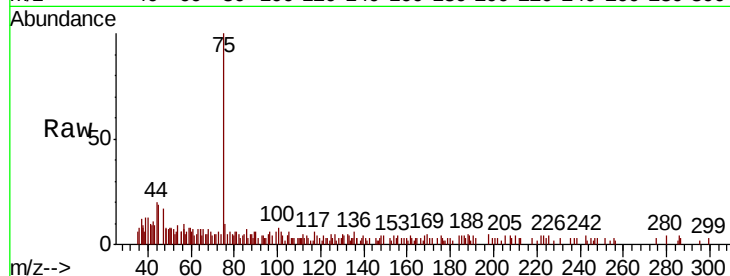
TB-01-200217

Tot Ion: 43 Resp: 1038

Ion Ratio Lower Upper

43 100

72 8.6 21.0 31.6#



#31

Cyclohexane

Concen: 1.127 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.07 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

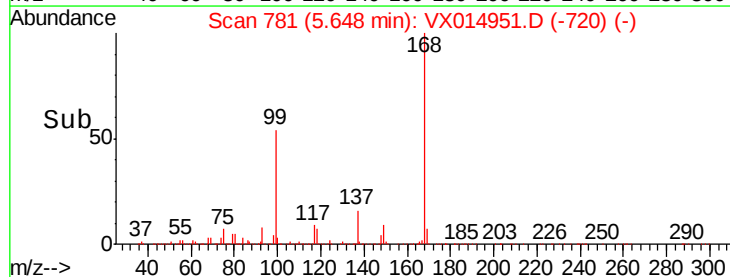
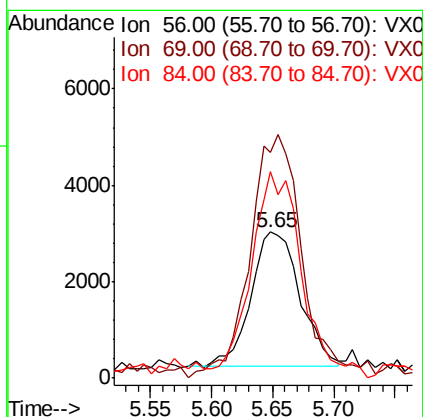
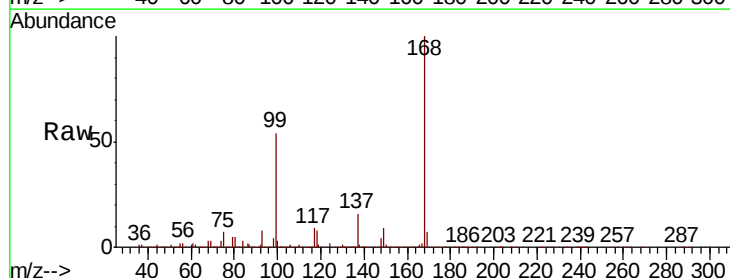
Tgt Ion: 56 Resp: 7813

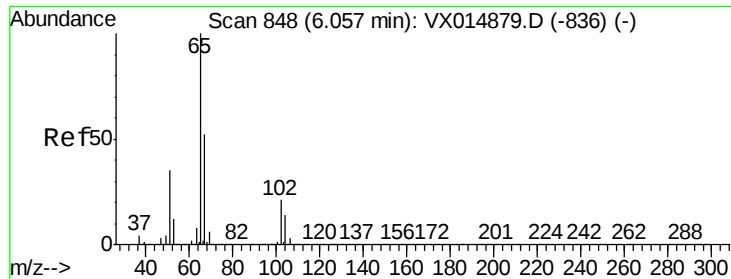
Ion Ratio Lower Upper

56 100

69 164.0 25.9 38.9#

84 147.2 70.4 105.6#

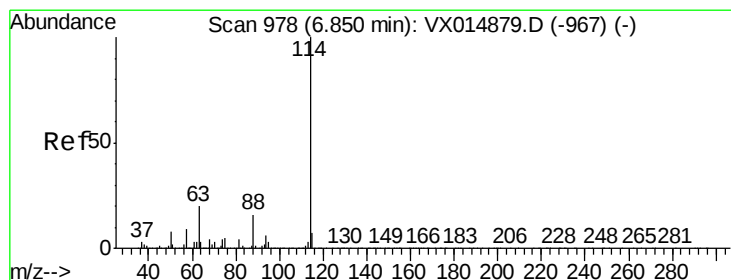
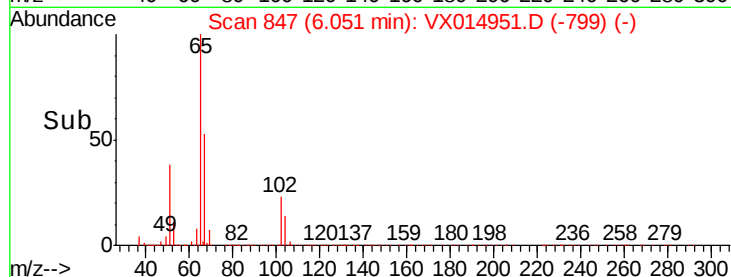
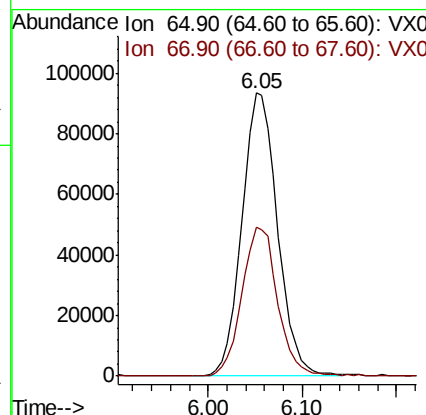
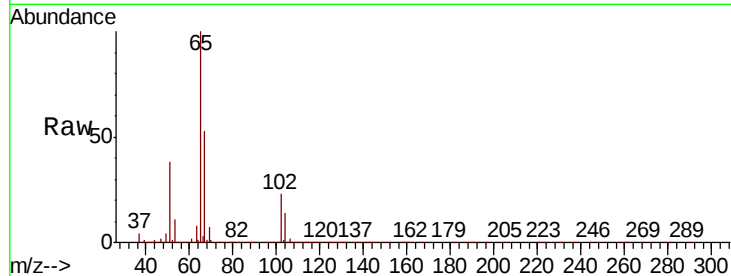




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.149 ug/l  
 RT: 6.05 min Scan# 847  
 Delta R.T. -0.01 min  
 Lab File: VX014951.D  
 Acq: 18 Feb 2020 12:00

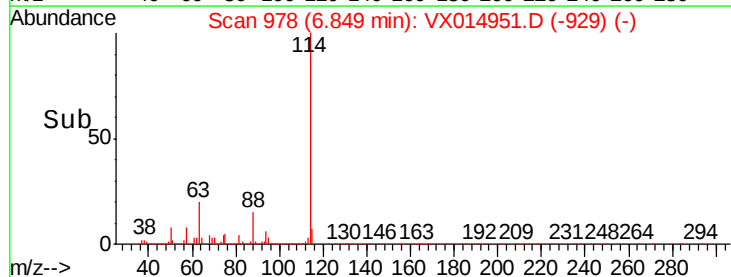
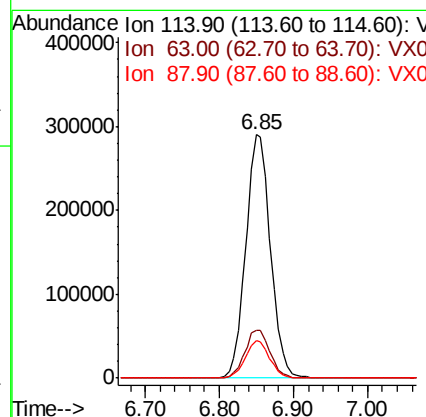
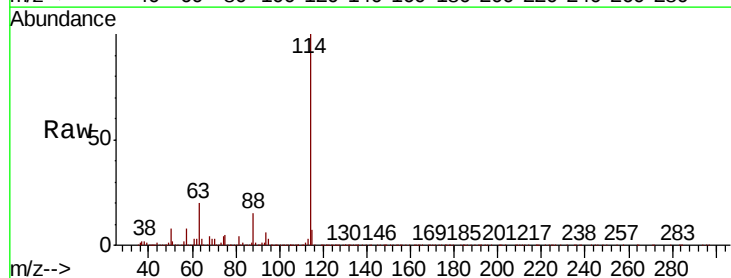
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-200217

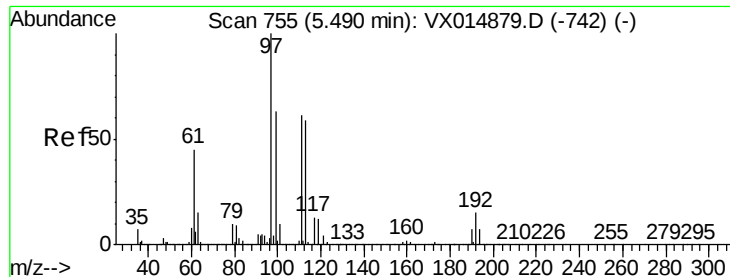
Tot Ion: 65 Resp: 245864  
 Ion Ratio Lower Upper  
 65 100  
 67 52.6 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. -0.00 min  
 Lab File: VX014951.D  
 Acq: 18 Feb 2020 12:00

Tgt Ion: 114 Resp: 676196  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 39.2  
 88 15.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.391 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

Instrument :

MSVOA\_X

ClientSampleId :

TB-01-200217

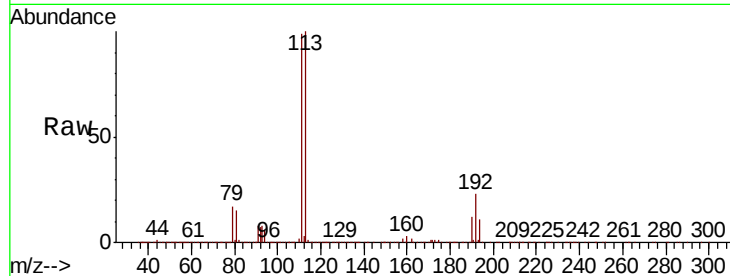
Tot Ion:113 Resp: 205321

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

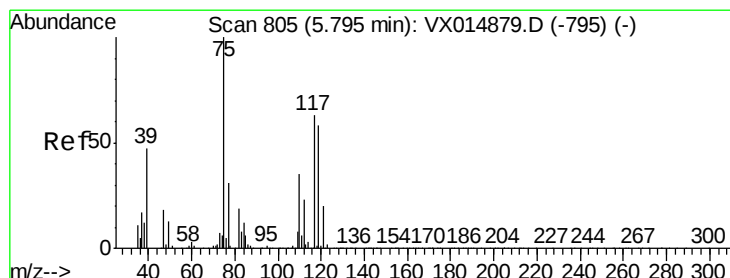
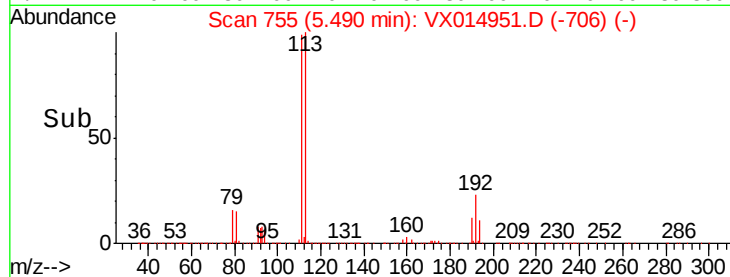
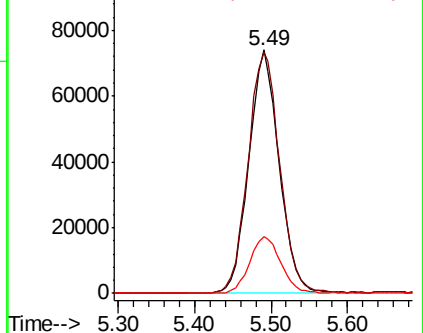
192 24.0 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.806 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.14 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

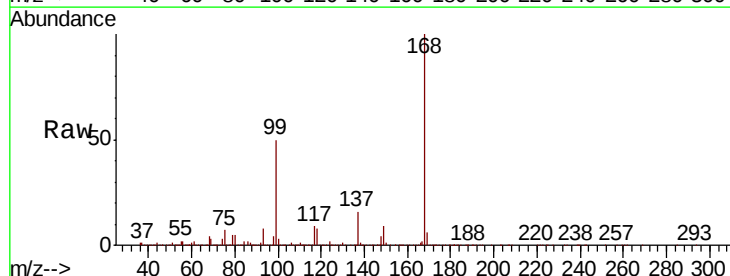
Tgt Ion: 75 Resp: 29069

Ion Ratio Lower Upper

75 100

110 10.7 18.3 54.8#

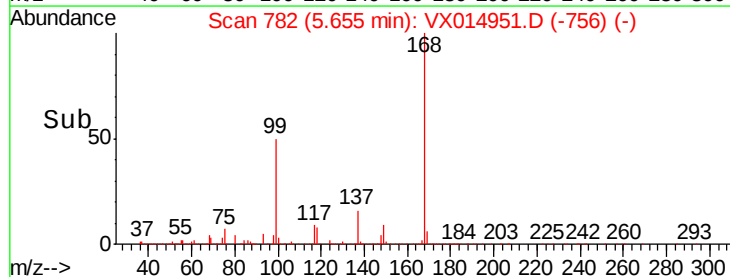
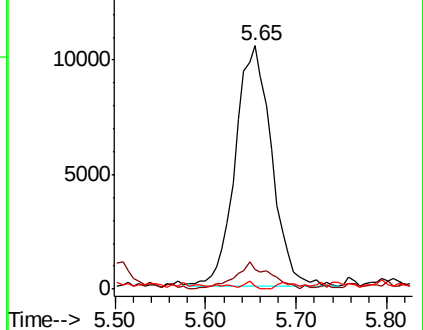
77 0.8 24.6 36.8#

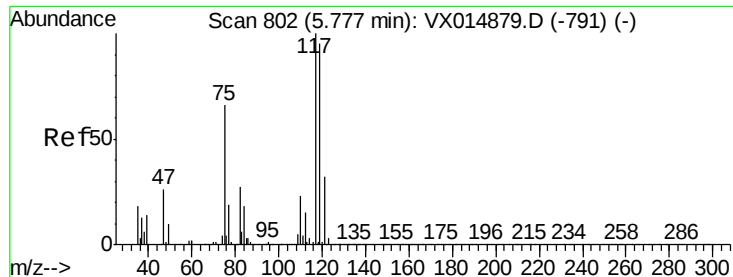


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.494 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

Instrument :

MSVOA\_X

ClientSampleId :

TB-01-200217

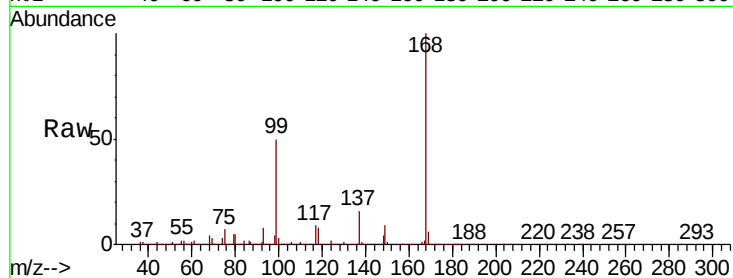
Tot Ion:117 Resp: 38281

Ion Ratio Lower Upper

117 100

119 3.8 76.0 114.0#

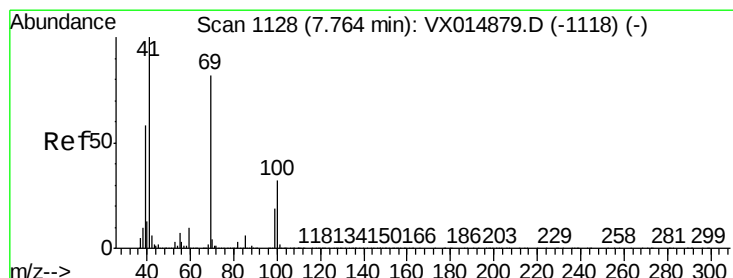
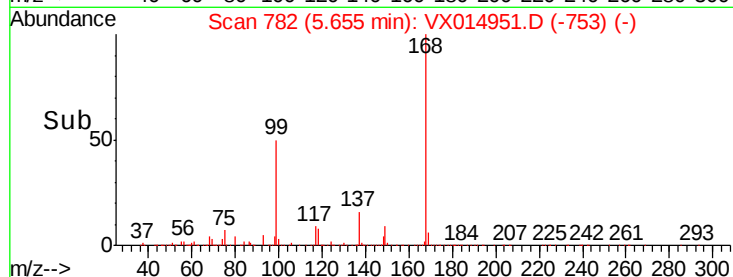
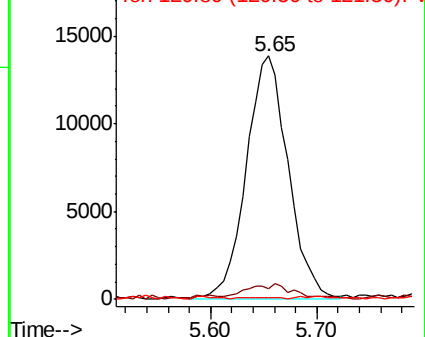
121 0.0 25.4 38.2#



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



#48

Methyl methacrylate

Concen: 0.202 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

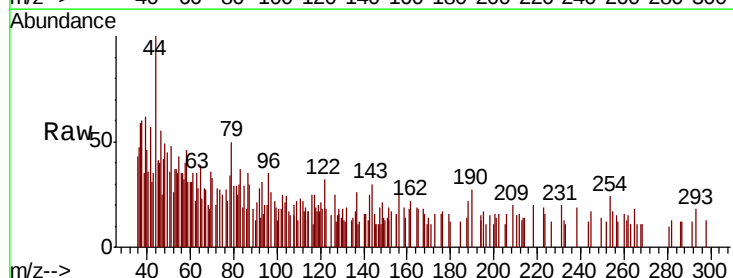
Tgt Ion: 41 Resp: 1035

Ion Ratio Lower Upper

41 100

69 15.1 65.7 98.5#

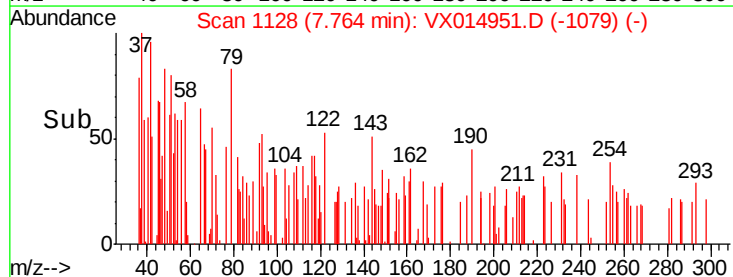
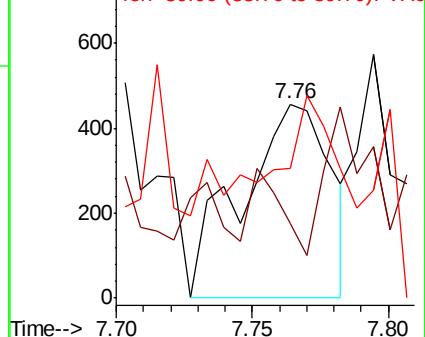
39 32.9 45.8 68.8#

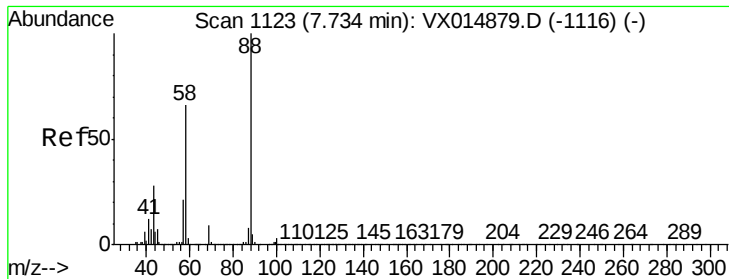


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 4.114 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

Instrument :

MSVOA\_X

ClientSampled :

TB-01-200217

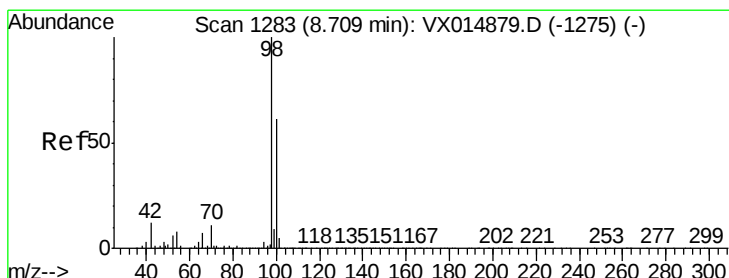
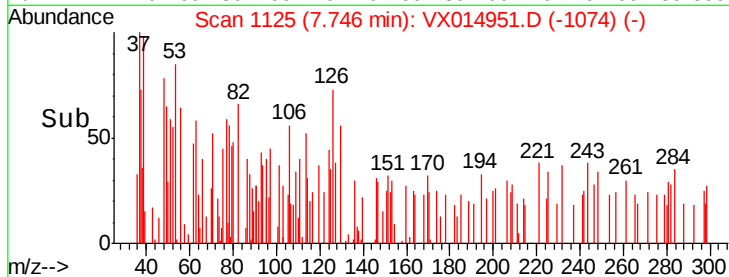
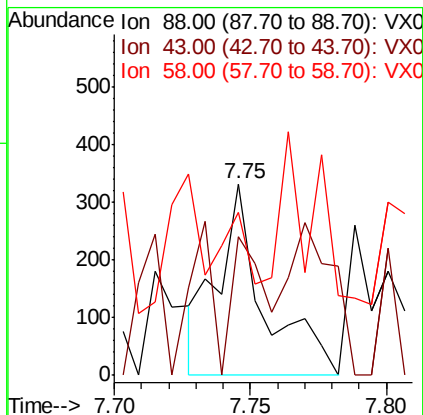
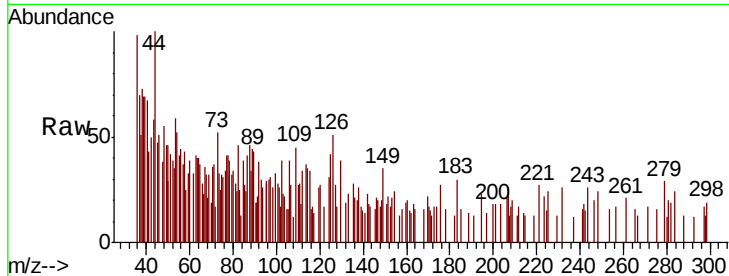
Tot Ion: 88 Resp: 394

Ion Ratio Lower Upper

88 100

43 50.5 27.0 40.4#

58 0.0 53.2 79.8#



#50

Toluene-d8

Concen: 51.060 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014951.D

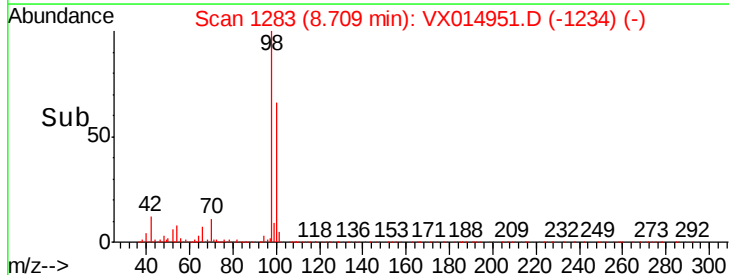
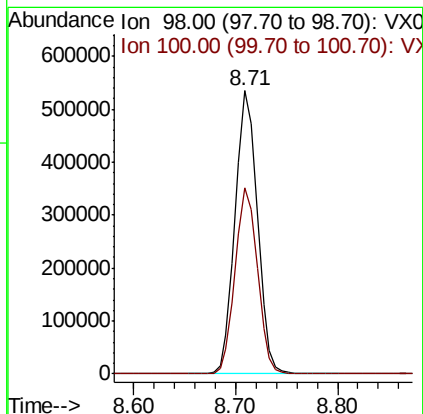
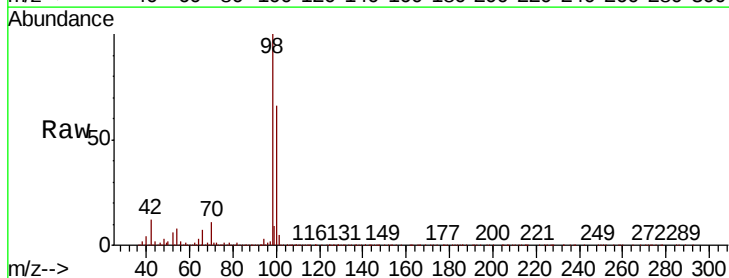
Acq: 18 Feb 2020 12:00

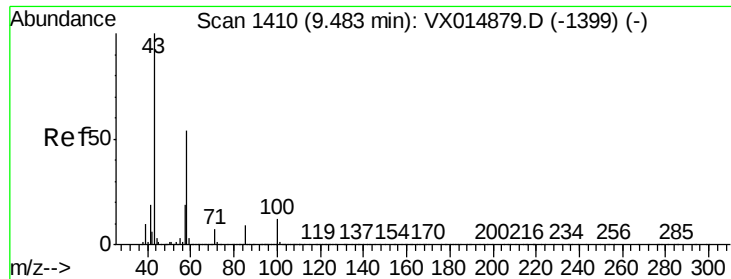
Tgt Ion: 98 Resp: 810225

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6

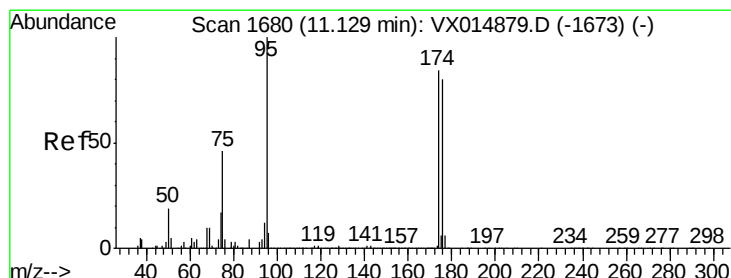
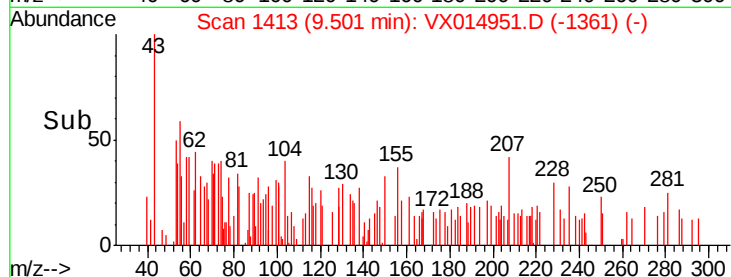
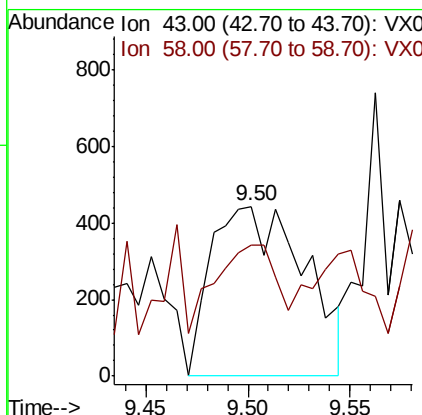
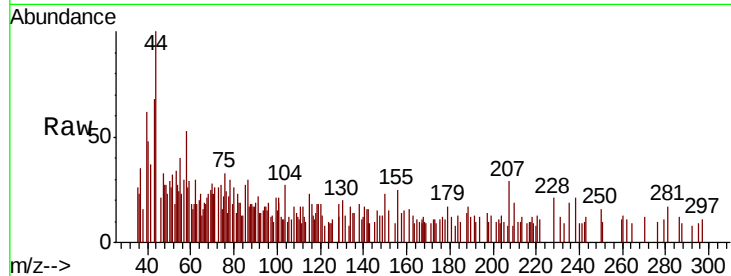




#59  
2-Hexanone  
Concen: 0.286 ug/l  
RT: 9.50 min Scan# 1413  
Delta R.T. 0.02 min  
Lab File: VX014951.D  
Acq: 18 Feb 2020 12:00

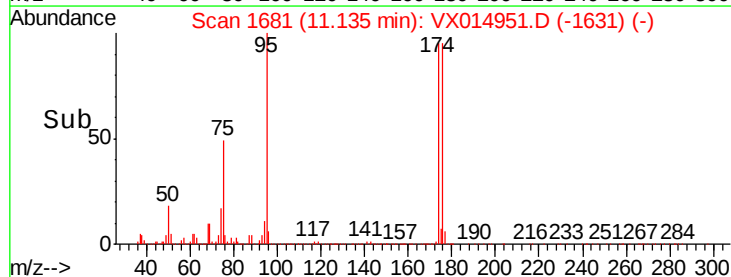
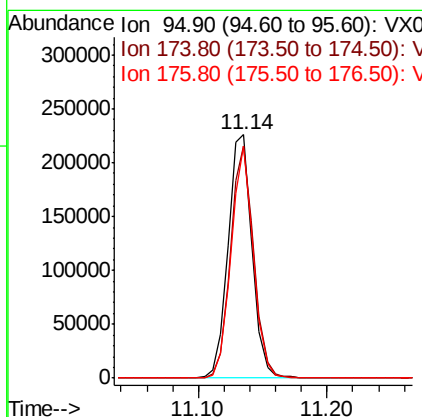
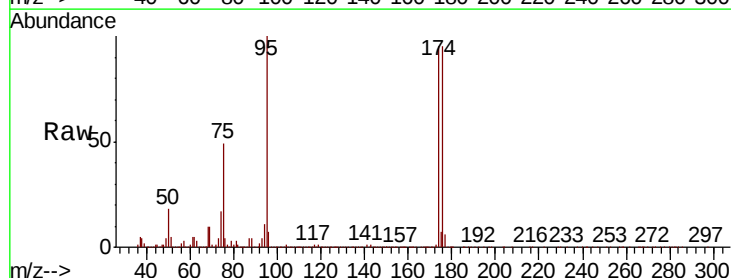
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-200217

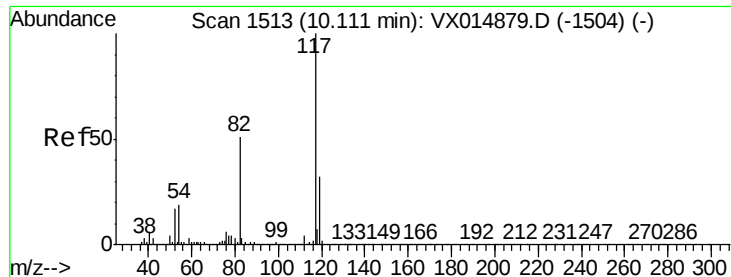
Tot Ion: 43 Resp: 1411  
Ion Ratio Lower Upper  
43 100  
58 40.2 27.5 82.5



#62  
4-Bromofluorobenzene  
Concen: 51.657 ug/l  
RT: 11.14 min Scan# 1681  
Delta R.T. 0.01 min  
Lab File: VX014951.D  
Acq: 18 Feb 2020 12:00

Tgt Ion: 95 Resp: 295280  
Ion Ratio Lower Upper  
95 100  
174 91.9 0.0 183.0  
176 88.4 0.0 178.0

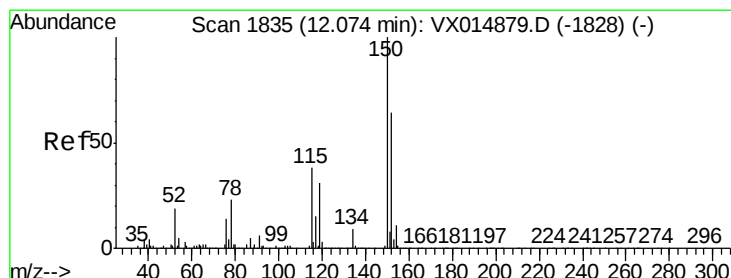
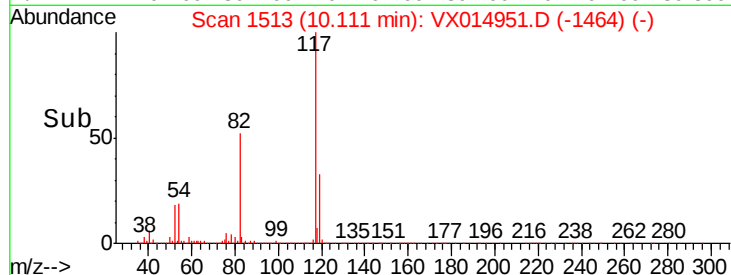
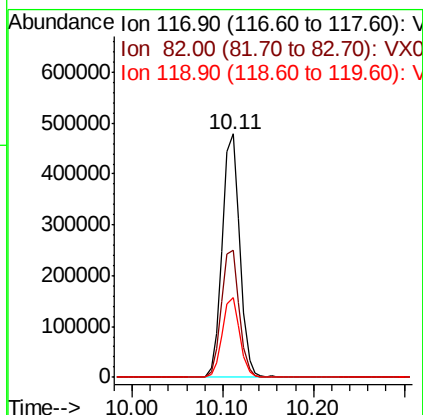
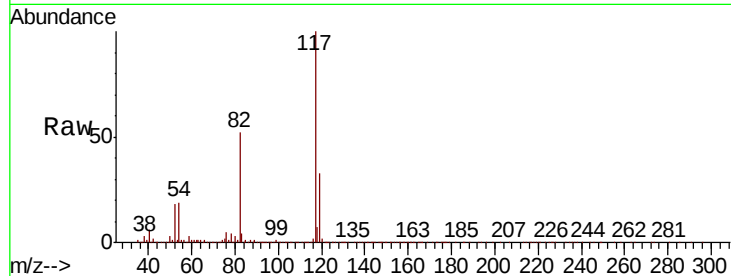




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VX014951.D  
Acq: 18 Feb 2020 12:00

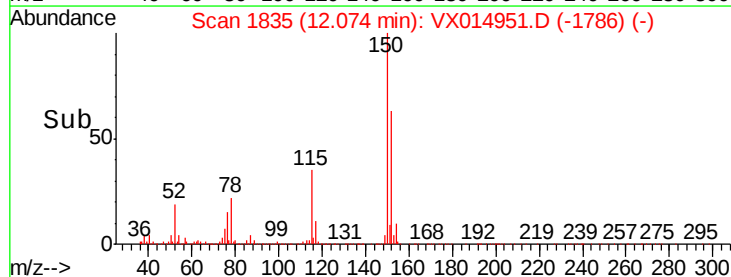
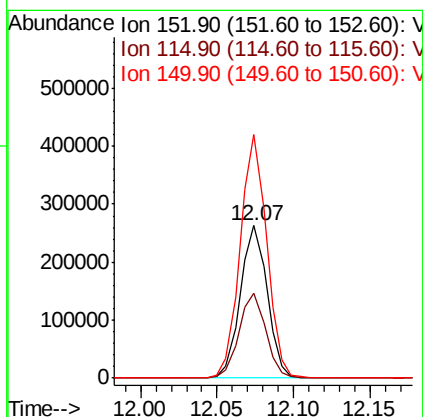
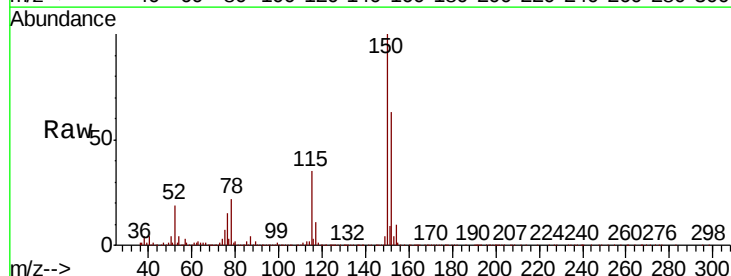
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-200217

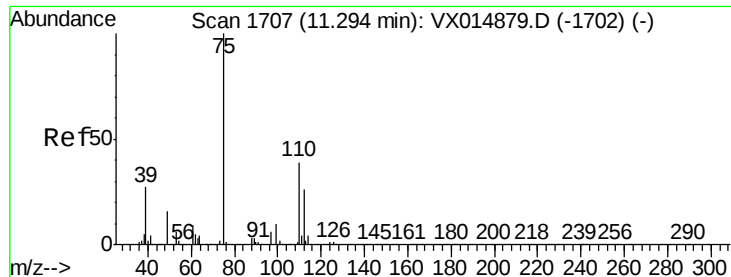
Tot Ion:117 Resp: 647899  
Ion Ratio Lower Upper  
117 100  
82 52.4 40.5 60.7  
119 32.7 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. -0.00 min  
Lab File: VX014951.D  
Acq: 18 Feb 2020 12:00

Tgt Ion:152 Resp: 321542  
Ion Ratio Lower Upper  
152 100  
115 55.5 38.6 116.0  
150 156.7 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 25.116 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

Instrument :

MSVOA\_X

ClientSampleId :

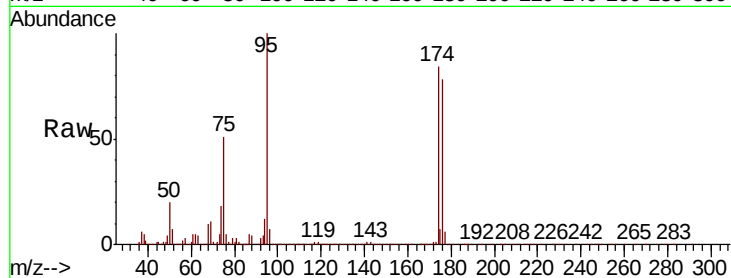
TB-01-200217

Tot Ion: 75 Resp: 146037

Ion Ratio Lower Upper

75 100

77 1.4 18.4 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

120000

100000

80000

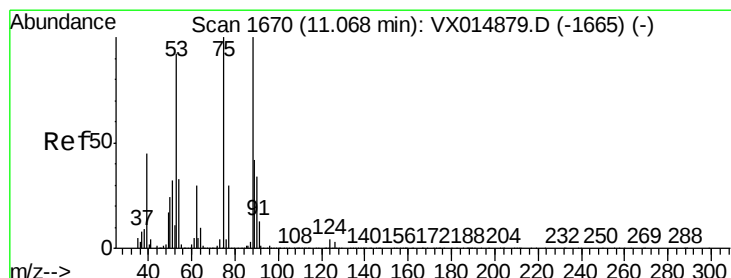
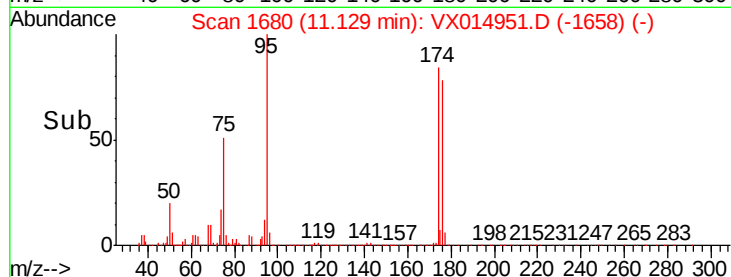
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 64.289 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

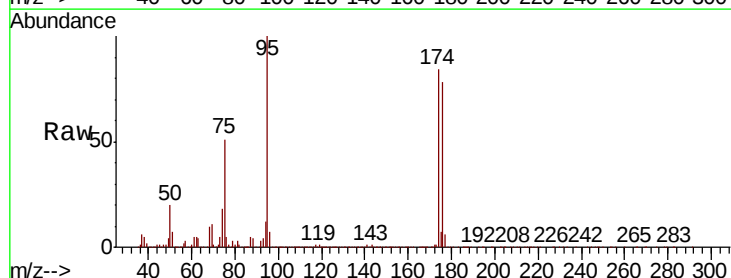
Tgt Ion: 75 Resp: 146037

Ion Ratio Lower Upper

75 100

53 0.3 76.2 114.2#

89 0.0 35.8 53.6#



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

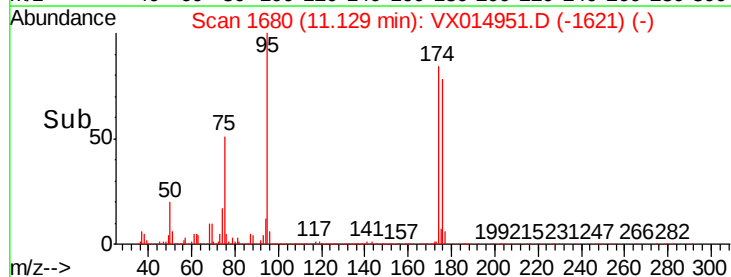
150000

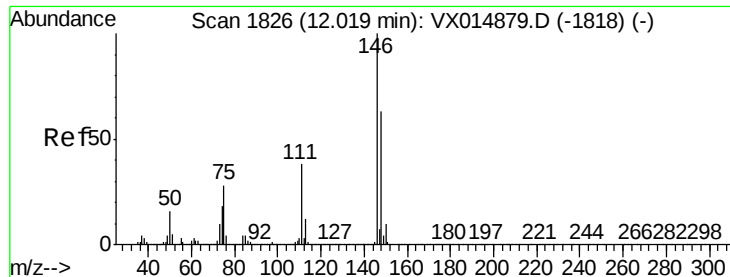
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 0.260 ug/l

RT: 12.03 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

Instrument :

MSVOA\_X

ClientSampleId :

TB-01-200217

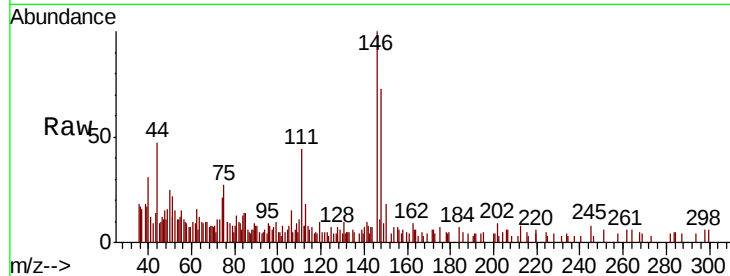
Tot Ion:146 Resp: 2625

Ion Ratio Lower Upper

146 100

111 58.2 18.6 56.0#

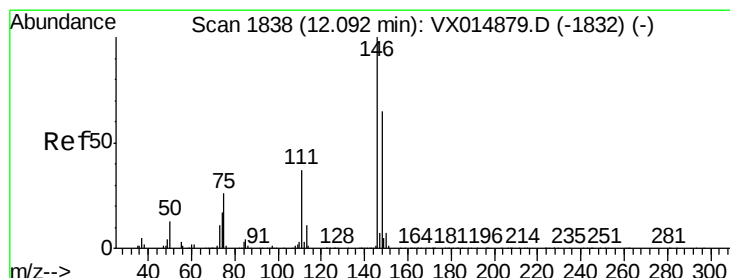
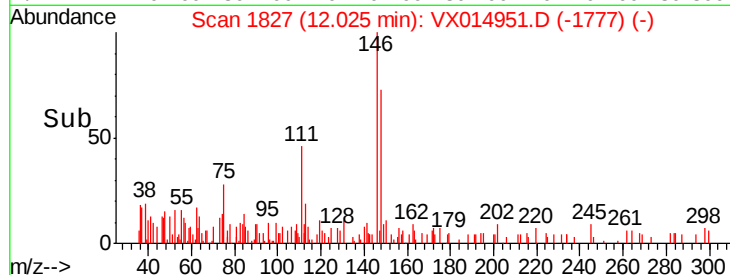
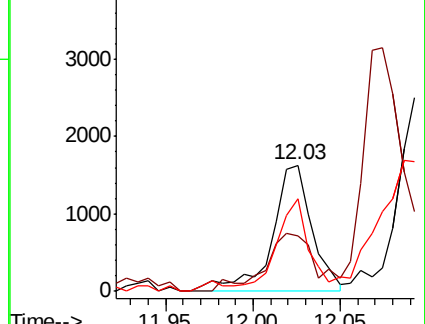
148 56.7 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.342 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

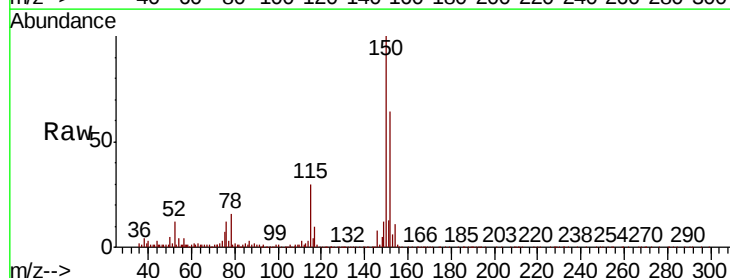
Tgt Ion:146 Resp: 3531

Ion Ratio Lower Upper

146 100

111 151.6 18.6 55.6#

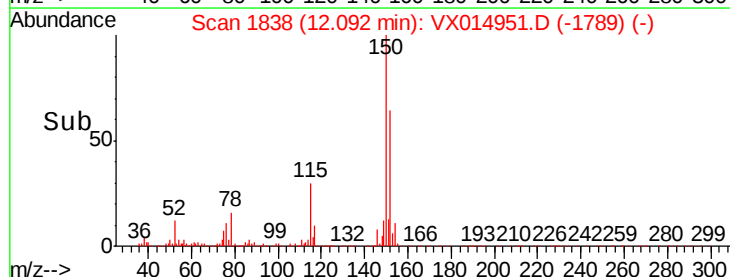
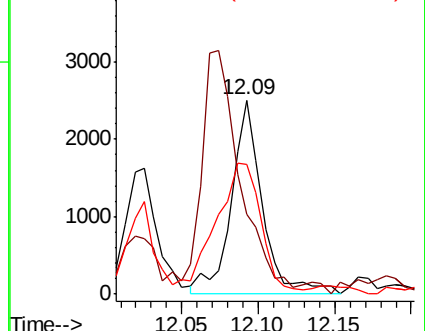
148 100.2 32.4 97.0#

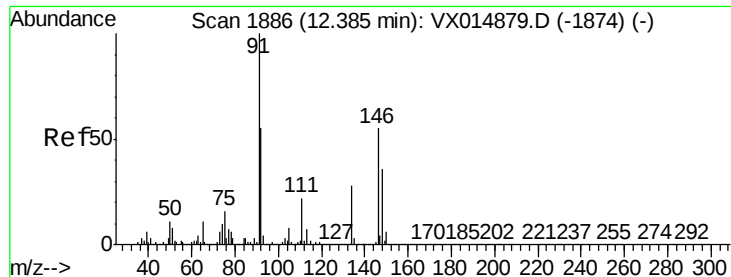


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

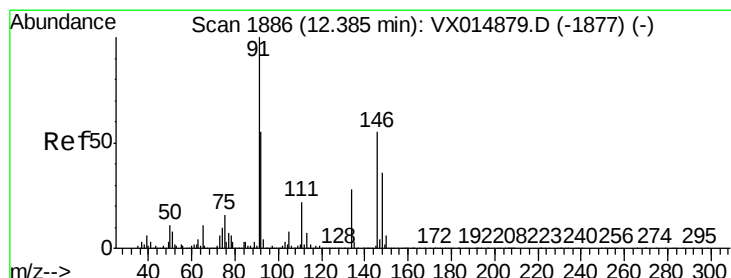
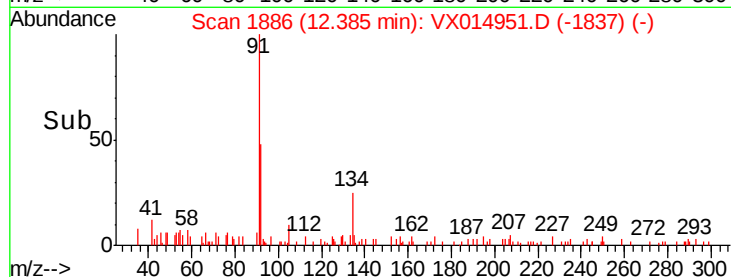
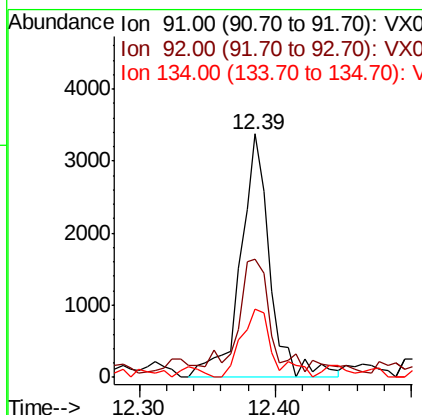
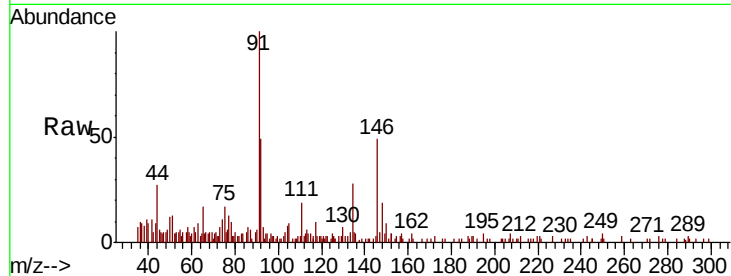




#89  
n-Butylbenzene  
Concen: 0.306 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX014951.D  
Acq: 18 Feb 2020 12:00

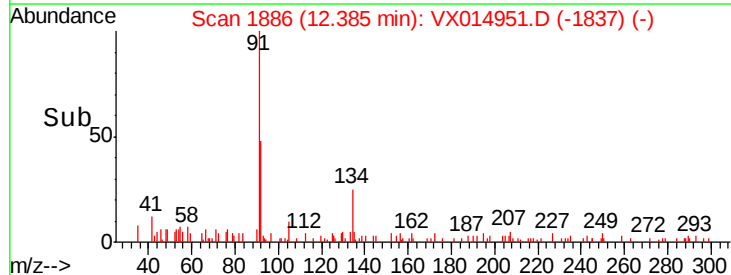
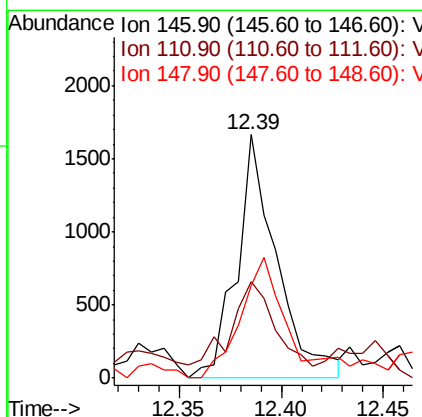
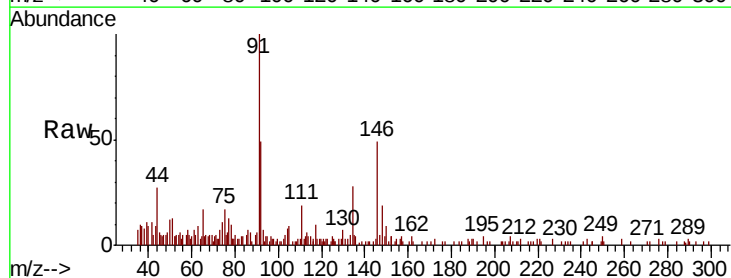
Instrument :  
MSVOA\_X  
ClientSampled :  
TB-01-200217

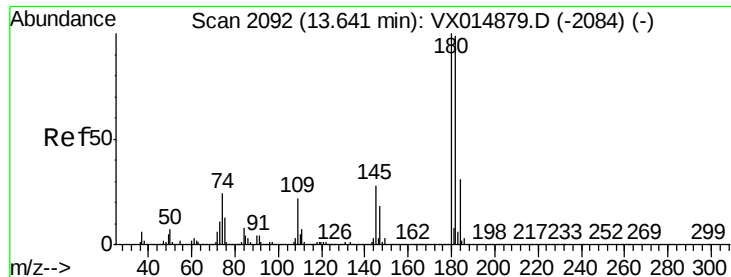
Tot Ion: 91 Resp: 5091  
Ion Ratio Lower Upper  
91 100  
92 49.1 27.3 81.8  
134 29.8 13.8 41.4



#91  
1,2-Dichlorobenzene  
Concen: 0.229 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX014951.D  
Acq: 18 Feb 2020 12:00

Tgt Ion: 146 Resp: 2265  
Ion Ratio Lower Upper  
146 100  
111 42.5 19.8 59.3  
148 52.8 32.4 97.2

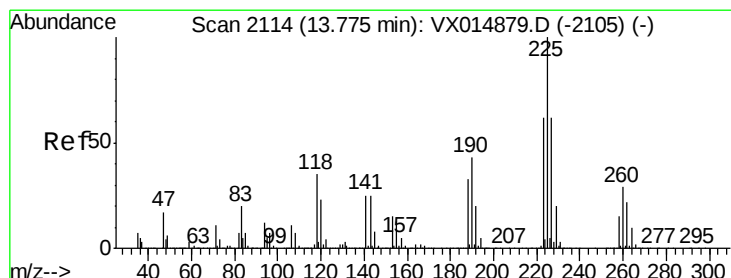
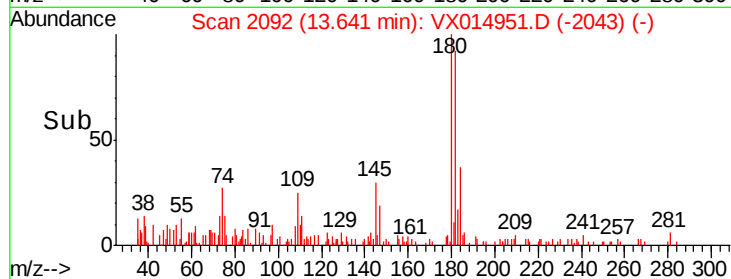
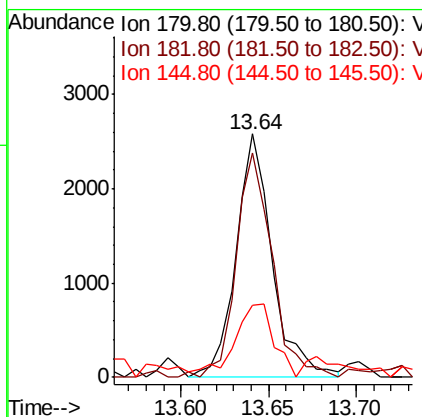
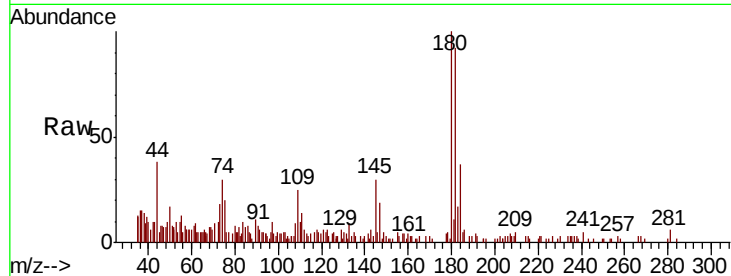




#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.511 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. -0.00 min  
 Lab File: VX014951.D  
 Acq: 18 Feb 2020 12:00

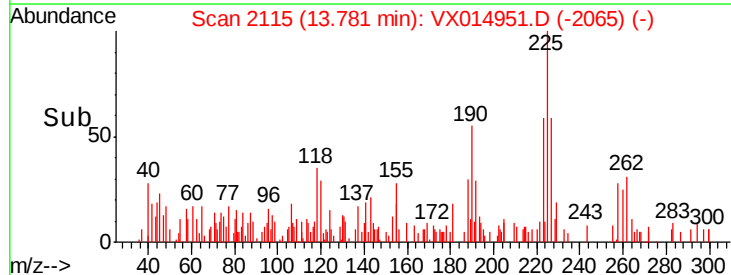
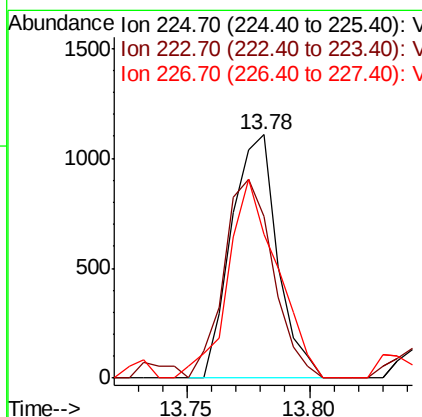
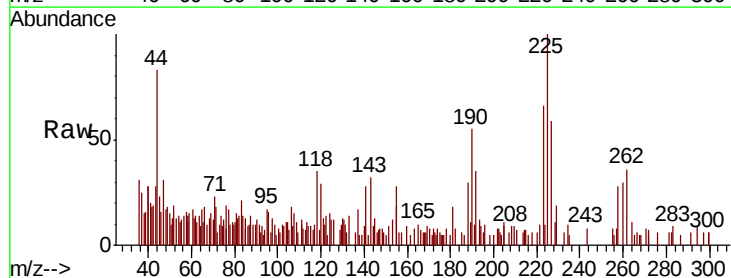
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-200217

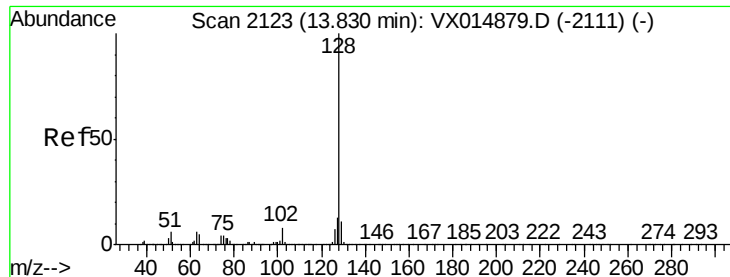
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.6  | 48.4  | 145.3 |
| 145     | 32.7  | 14.1  | 42.4  |



#94  
 Hexachlorobutadiene  
 Concen: 0.413 ug/l  
 RT: 13.78 min Scan# 2115  
 Delta R.T. 0.01 min  
 Lab File: VX014951.D  
 Acq: 18 Feb 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 87.0  | 31.1  | 93.2  |
| 227     | 86.6  | 30.9  | 92.5  |





#95

Naphthalene

Concen: 0.395 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

Instrument :

MSVOA\_X

ClientSampleId :

TB-01-200217

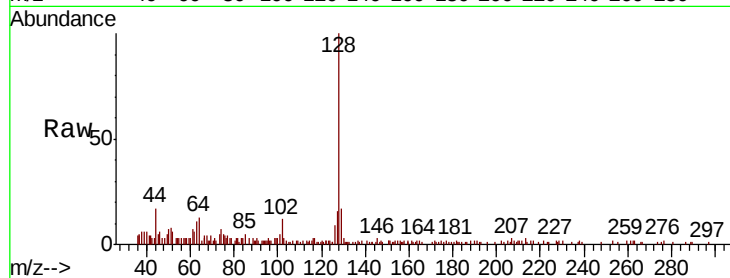
Tot Ion:128 Resp: 7675

Ion Ratio Lower Upper

128 100

127 17.0 10.4 15.6#

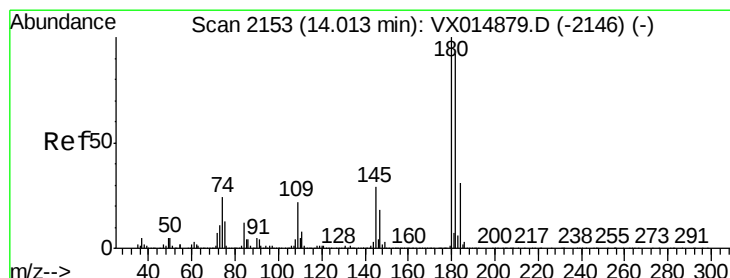
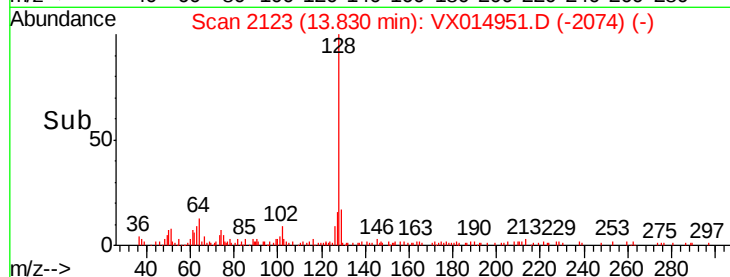
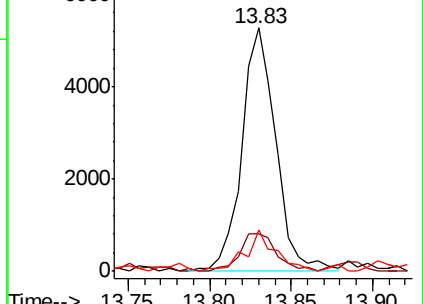
129 15.2 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.480 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

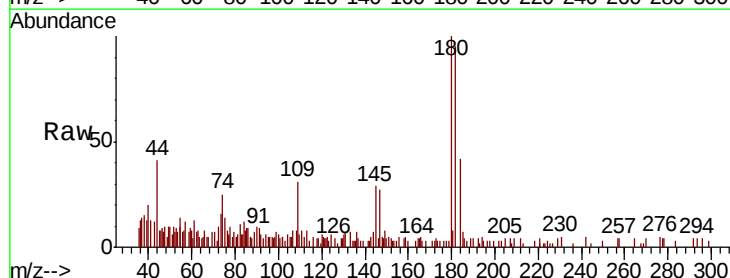
Tgt Ion:180 Resp: 3392

Ion Ratio Lower Upper

180 100

182 101.1 47.5 142.6

145 30.5 14.5 43.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

