

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\  
 Data File : VX002870.D  
 Acq On : 25 Jun 2018 20:22  
 Operator : JC/MD  
 Sample : J3604-02DL 5X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-10DL

Quant Time: Jun 27 05:26:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 25 14:38:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 240311   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 328982   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 301630   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 165848   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 156052   | 46.98 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.96% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 124153   | 47.66 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.32% |          |
| 50) Toluene-d8              | 8.72  | 98   | 461115   | 48.47 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.94% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 161340   | 43.97 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 87.94% |          |

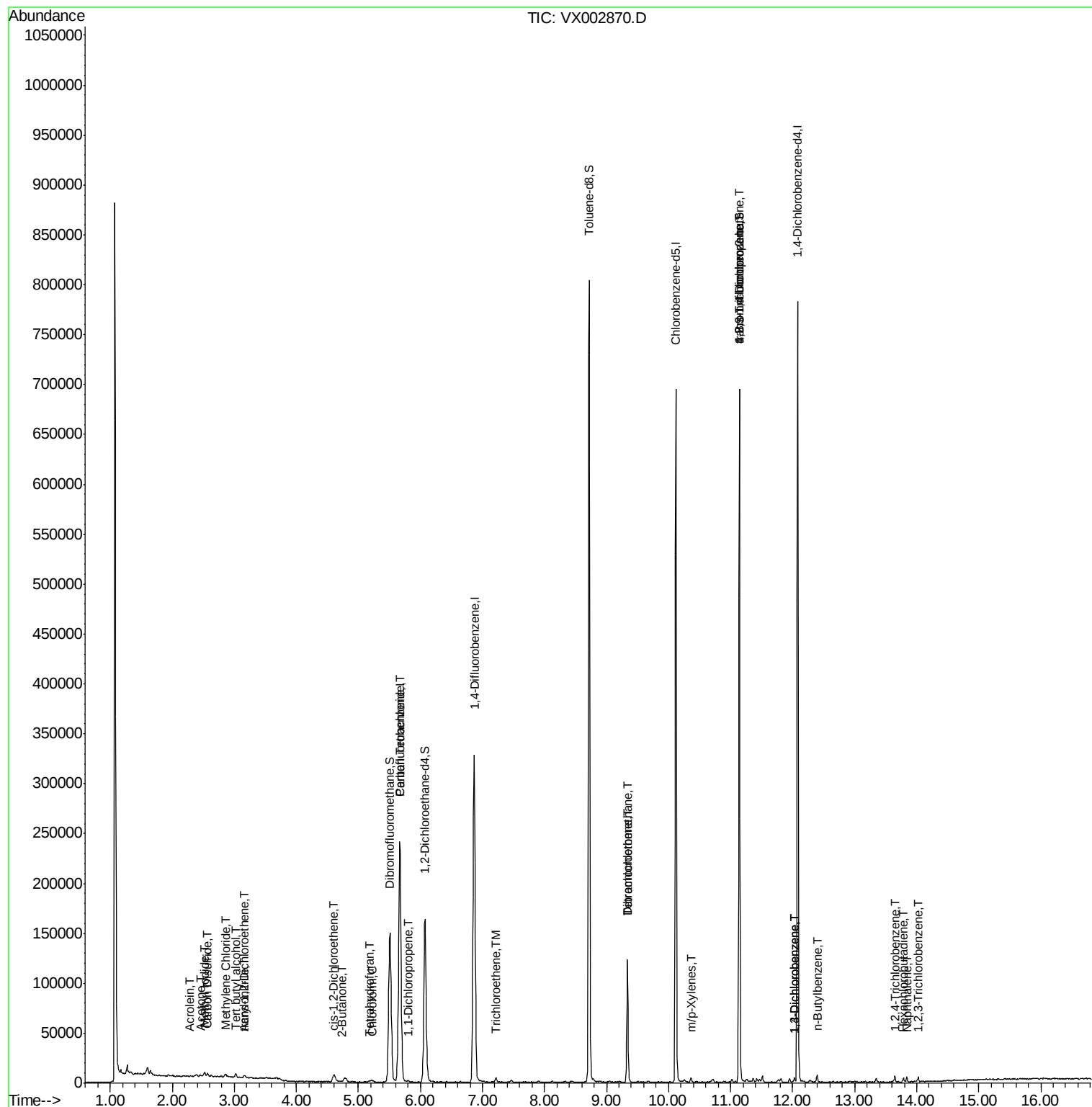
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 2) Dichlorodifluoromethane     | 1.20  | 85   | 305      | Below Cal |       | 80     |
| 3) Chloromethane               | 1.32  | 50   | 1462     | Below Cal |       | 94     |
| 5) Bromomethane                | 1.65  | 94   | 2749     | Below Cal |       | 90     |
| 6) Chloroethane                | 1.70  | 64   | 75       | Below Cal | #     | 43     |
| 10) Methyl Iodide              | 2.52  | 142  | 5229     | 7.93      | ug/l  | 100    |
| 11) Tert butyl alcohol         | 3.02  | 59   | 2338     | 3.53      | ug/l  | # 85   |
| 13) Acrolein                   | 2.29  | 56   | 396      | 5.29      | ug/l  | # 68   |
| 15) Acrylonitrile              | 3.15  | 53   | 992      | 0.70      | ug/l  | # 86   |
| 16) Acetone                    | 2.45  | 43   | 1382     | 1.00      | ug/l  | # 86   |
| 17) Carbon Disulfide           | 2.57  | 76   | 3399     | 0.54      | ug/l  | 98     |
| 20) Methylene Chloride         | 2.86  | 84   | 1401     | 0.52      | ug/l  | 94     |
| 21) trans-1,2-Dichloroethene   | 3.17  | 96   | 693      | 0.27      | ug/l  | # 69   |
| 25) 2-Butanone                 | 4.72  | 43   | 446      | 0.22      | ug/l  | # 52   |
| 27) cis-1,2-Dichloroethene     | 4.59  | 96   | 2894     | 1.00      | ug/l  | # 1    |
| 29) Tetrahydrofuran            | 5.18  | 42   | 1178     | 0.90      | ug/l  | # 73   |
| 30) Chloroform                 | 5.22  | 83   | 1354     | 0.27      | ug/l  | 89     |
| 36) 1,1-Dichloropropene        | 5.80  | 75   | 744      | 0.21      | ug/l  | # 79   |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 22210    | 5.61      | ug/l  | # 16   |
| 44) Trichloroethene            | 7.22  | 130  | 1317     | 0.42      | ug/l  | 75     |
| 60) Dibromochloromethane       | 9.34  | 129  | 21335    | 7.34      | ug/l  | # 11   |
| 64) Tetrachloroethene          | 9.34  | 164  | 24205    | 7.22      | ug/l  | 98     |
| 68) m/p-Xylenes                | 10.37 | 106  | 1016     | 0.21      | ug/l  | 94     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 84563    | 28.15     | ug/l  | # 33   |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 84563    | 79.54     | ug/l  | # 7    |
| 87) 1,3-Dichlorobenzene        | 12.04 | 146  | 1279     | 0.22      | ug/l  | 95     |
| 88) 1,4-Dichlorobenzene        | 12.04 | 146  | 1279     | 0.21      | ug/l  | 95     |
| 89) n-Butylbenzene             | 12.39 | 91   | 1771     | 0.20      | ug/l  | 90     |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 1536     | 0.36      | ug/l  | 93     |
| 94) Hexachlorobutadiene        | 13.79 | 225  | 612      | 0.29      | ug/l  | 94     |
| 95) Naphthalene                | 13.84 | 128  | 2808     | 0.25      | ug/l  | # 94   |
| 96) 1,2,3-Trichlorobenzene     | 14.02 | 180  | 1255     | 0.29      | ug/l  | 97     |

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

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MW-10DL

Quant Time: Jun 27 05:26:18 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 25 14:38:05 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampleId :

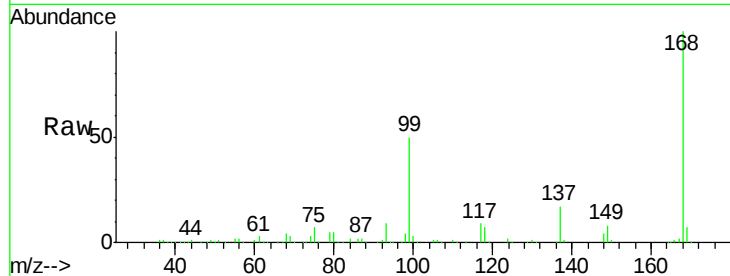
MW-10DL

Tot Ion:168 Resp: 240311

Ion Ratio Lower Upper

168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

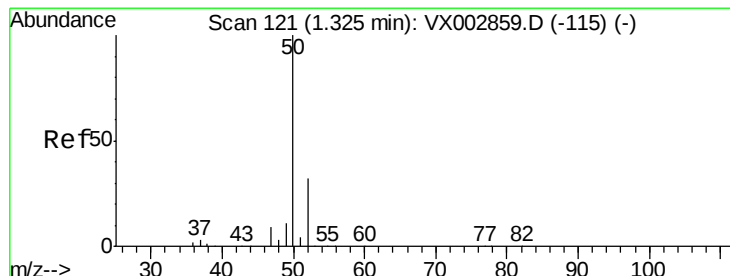
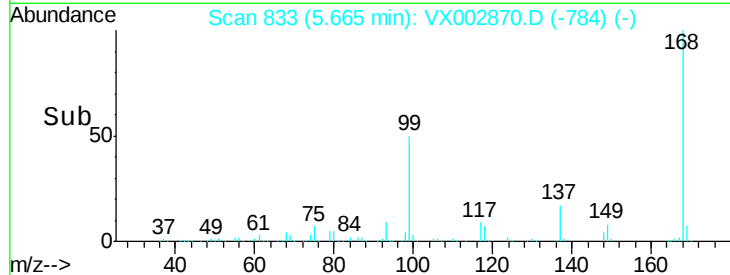
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002870.D

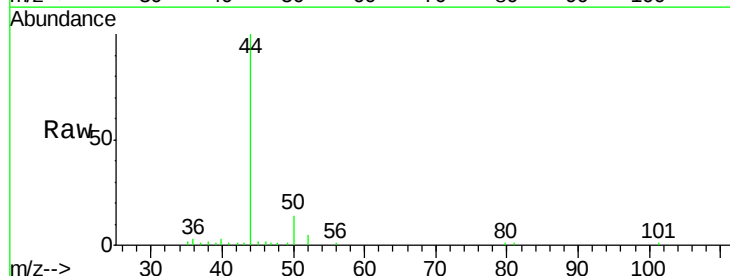
Acq: 25 Jun 2018 20:22

Tgt Ion: 50 Resp: 1462

Ion Ratio Lower Upper

50 100

52 35.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1200

1000

800

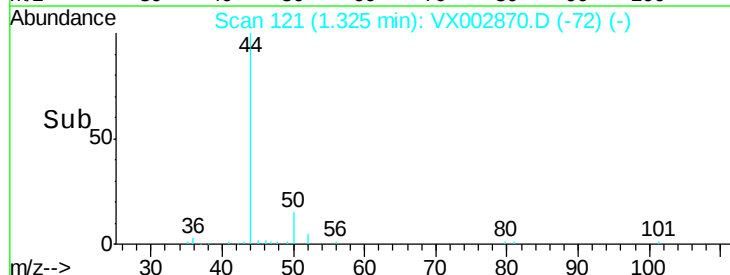
600

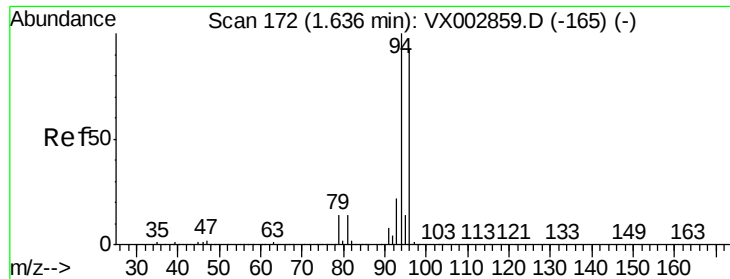
400

200

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampleId :

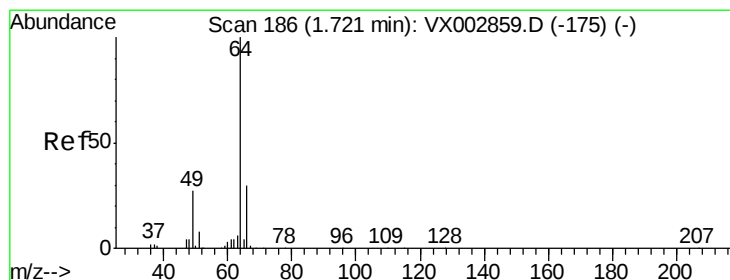
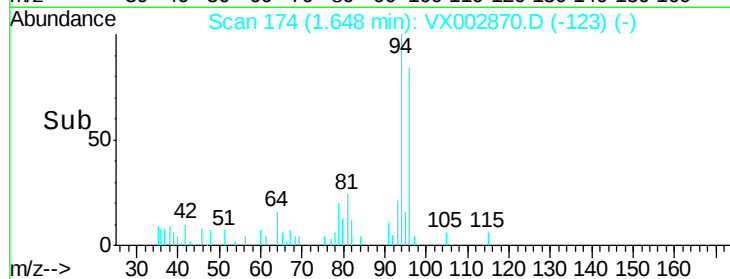
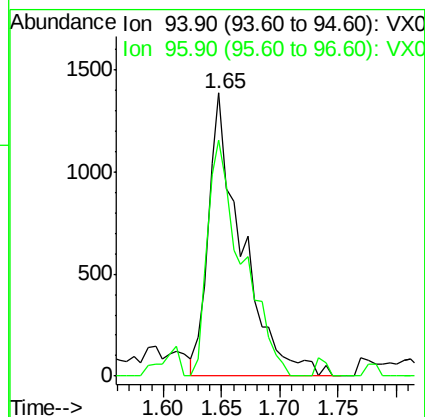
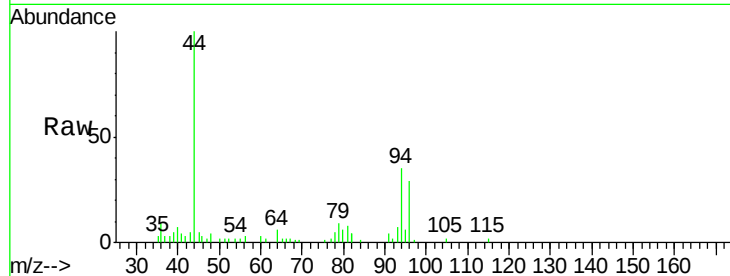
MW-10DL

Tot Ion: 94 Resp: 2749

Ion Ratio Lower Upper

94 100

96 83.6 74.9 112.3



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX002870.D

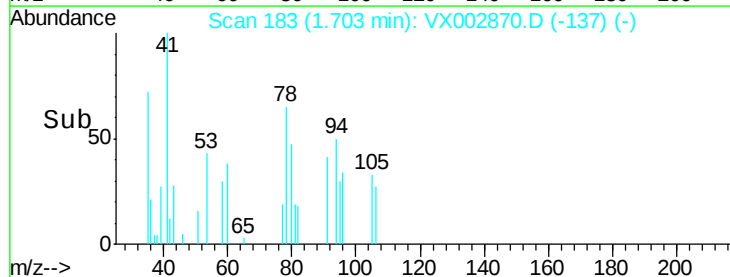
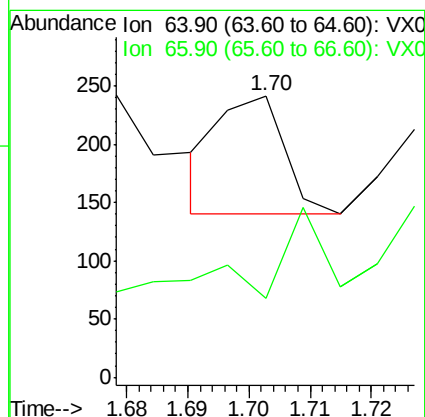
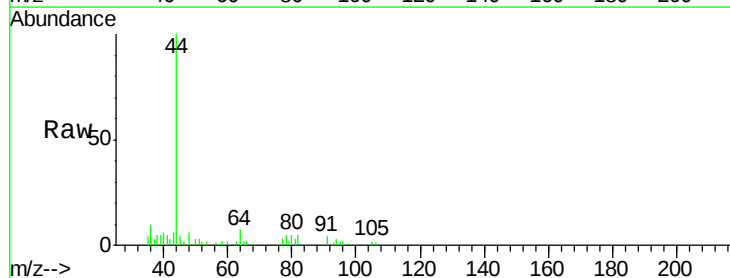
Acq: 25 Jun 2018 20:22

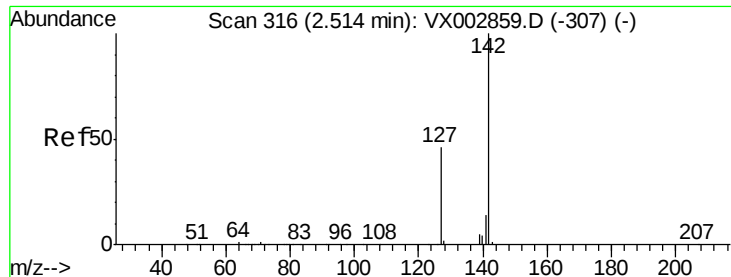
Tgt Ion: 64 Resp: 75

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#

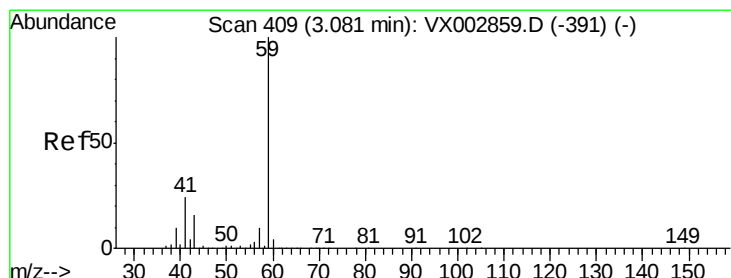
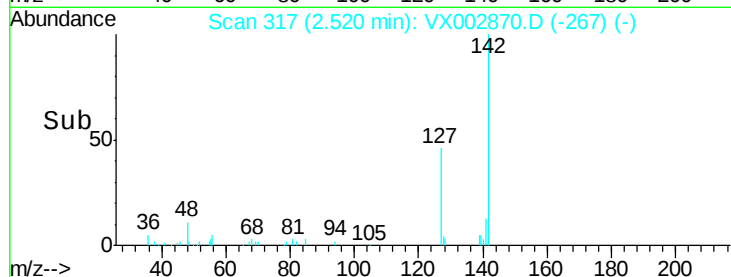
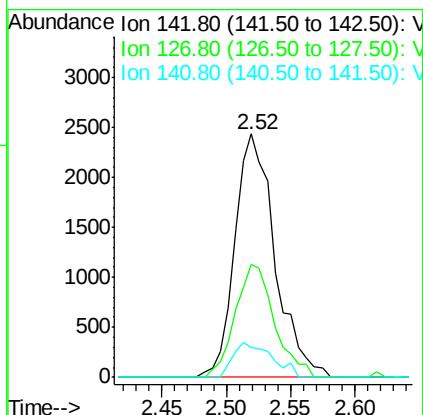
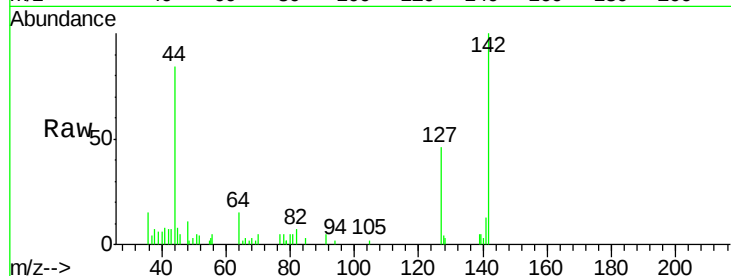




#10  
Methvl Iodide  
Concen: 7.93 ug/l  
RT: 2.52 min Scan# 317  
Delta R.T. 0.01 min  
Lab File: VX002870.D  
Acq: 25 Jun 2018 20:22

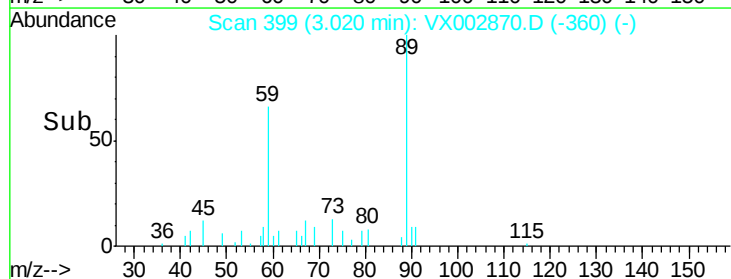
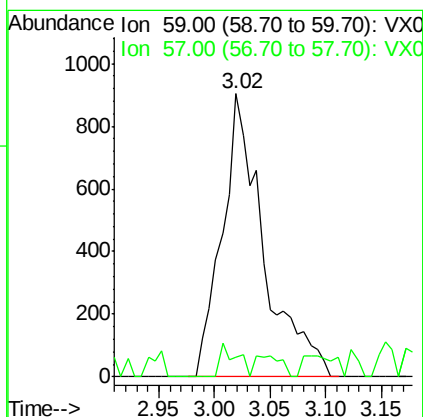
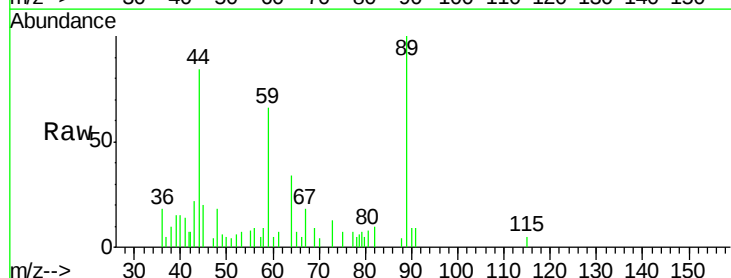
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10DL

Tot Ion:142 Resp: 5229  
Ion Ratio Lower Upper  
142 100  
127 45.6 36.6 55.0  
141 14.0 11.3 16.9



#11  
Tert butyl alcohol  
Concen: 3.53 ug/l  
RT: 3.02 min Scan# 399  
Delta R.T. -0.06 min  
Lab File: VX002870.D  
Acq: 25 Jun 2018 20:22

Tgt Ion: 59 Resp: 2338  
Ion Ratio Lower Upper  
59 100  
57 4.7 8.2 12.2#





#13

Acrolein

Concen: 5.29 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampled :

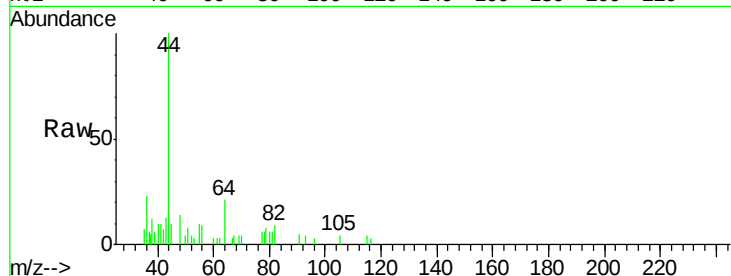
MW-10DL

Tot Ion: 56 Resp: 396

Ion Ratio Lower Upper

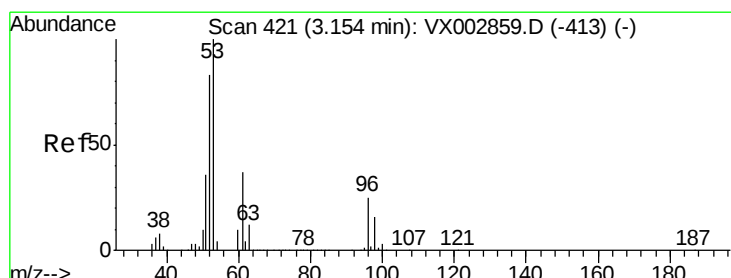
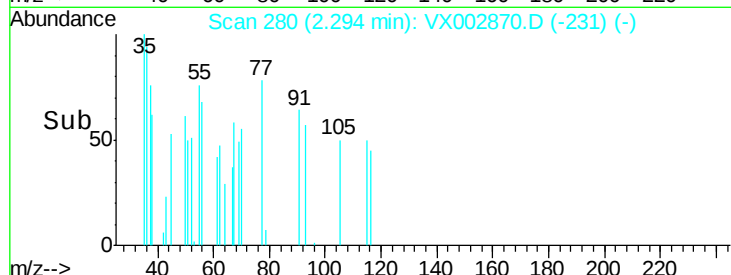
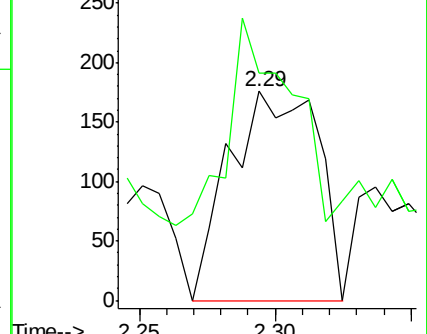
56 100

55 97.5 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.70 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

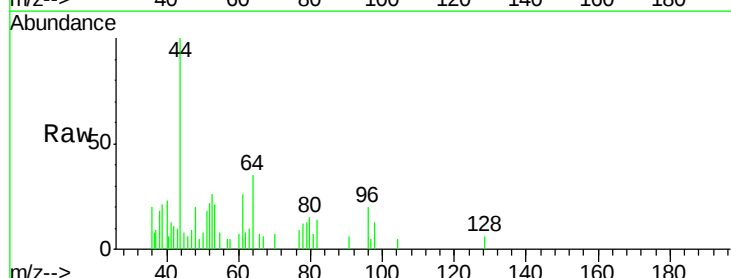
Tgt Ion: 53 Resp: 992

Ion Ratio Lower Upper

53 100

52 77.7 66.7 100.1

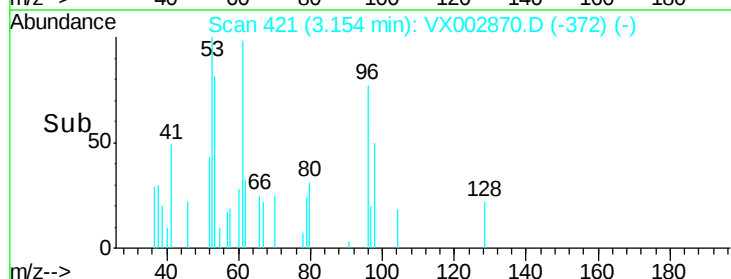
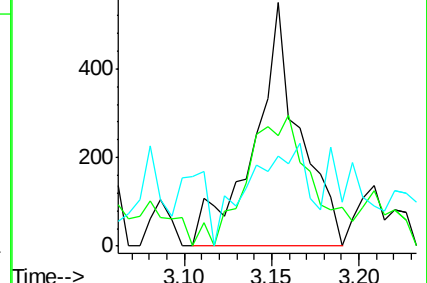
51 55.1 29.9 44.9#

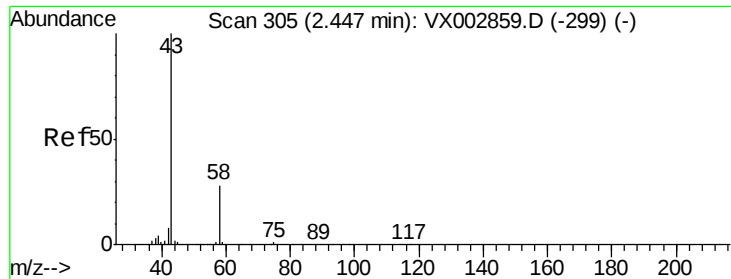


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 1.00 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampleId :

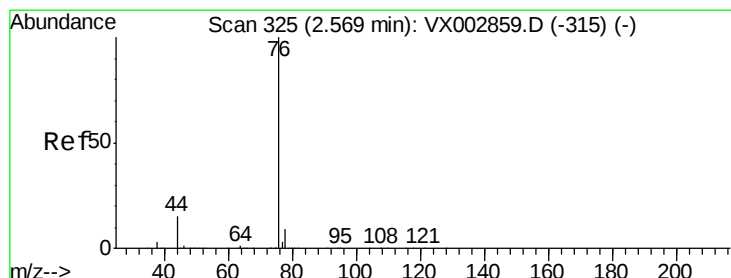
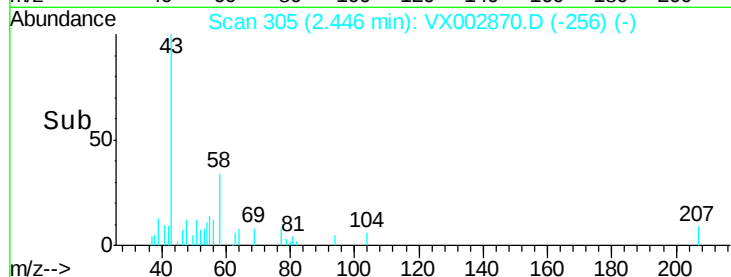
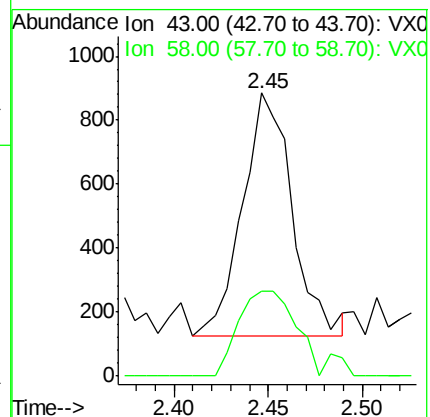
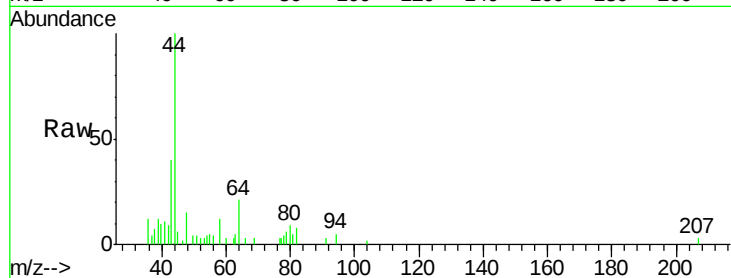
MW-10DL

Tot Ion: 43 Resp: 1382

Ion Ratio Lower Upper

43 100

58 35.0 22.1 33.1#



#17

Carbon Disulfide

Concen: 0.54 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002870.D

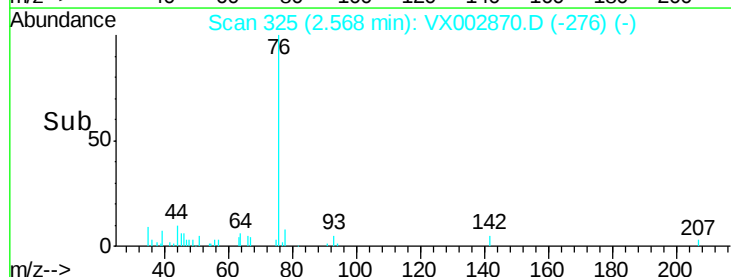
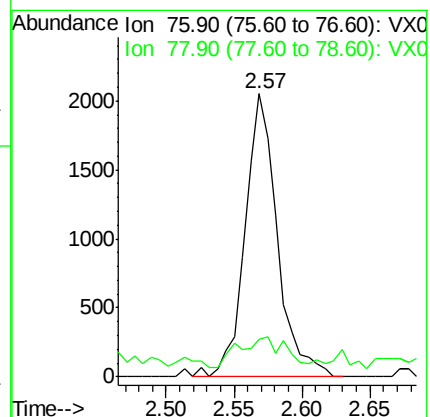
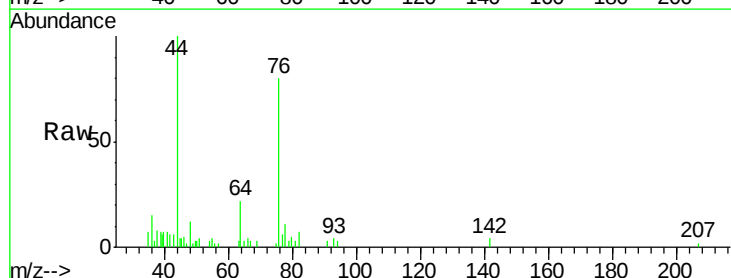
Acq: 25 Jun 2018 20:22

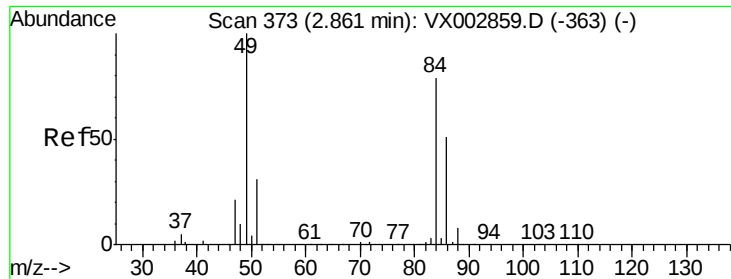
Tgt Ion: 76 Resp: 3399

Ion Ratio Lower Upper

76 100

78 7.7 6.9 10.3

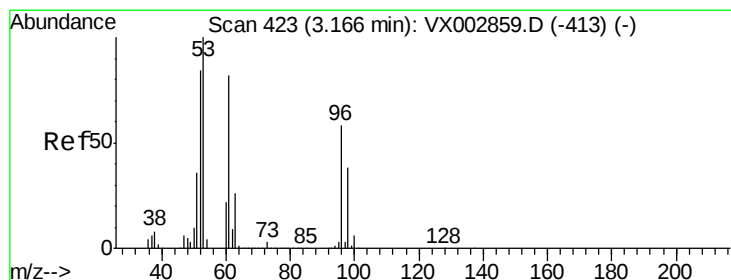
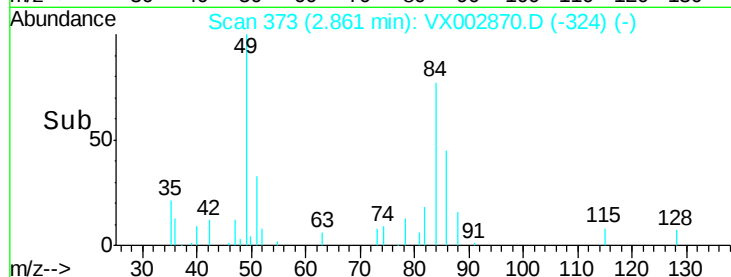
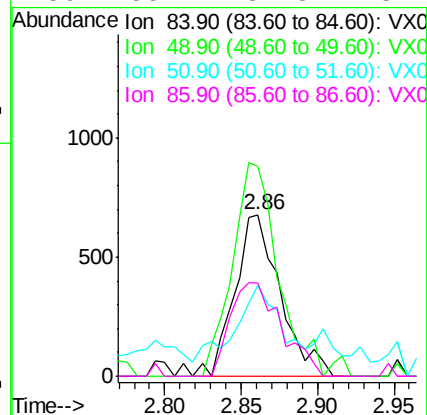
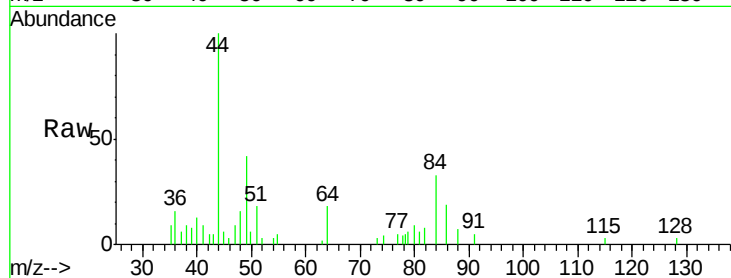




#20  
Methvlene Chloride  
Concen: 0.52 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. -0.00 min  
Lab File: VX002870.D  
Acq: 25 Jun 2018 20:22

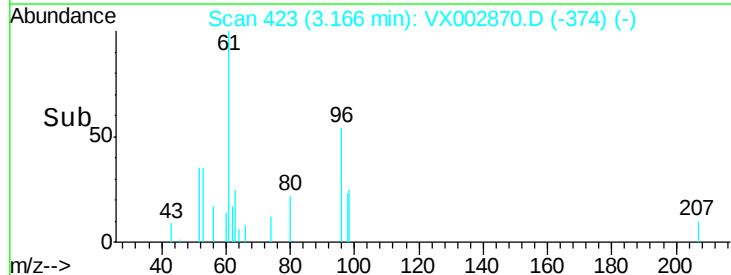
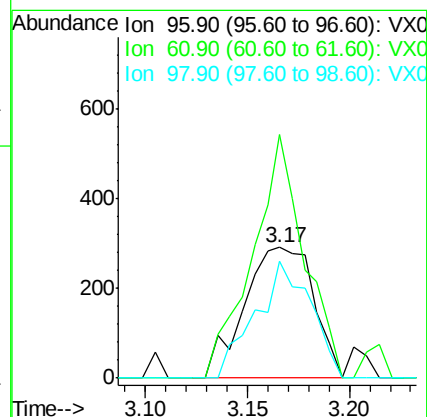
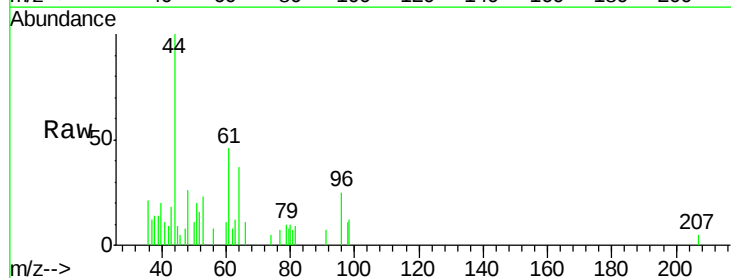
Instrument :  
MSVOA\_X  
ClientSampled :  
MW-10DL

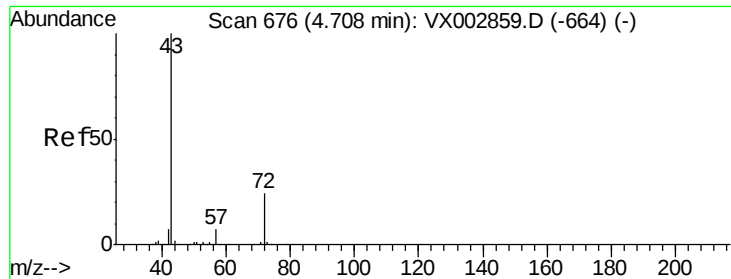
Tot Ion: 84 Resp: 1401  
Ion Ratio Lower Upper  
84 100  
49 130.0 107.8 161.6  
51 47.3 32.8 49.2  
86 58.2 52.5 78.7



#21  
trans-1,2-Dichloroethene  
Concen: 0.27 ug/l  
RT: 3.17 min Scan# 423  
Delta R.T. -0.00 min  
Lab File: VX002870.D  
Acq: 25 Jun 2018 20:22

Tgt Ion: 96 Resp: 693  
Ion Ratio Lower Upper  
96 100  
61 186.0 117.0 175.4#  
98 89.0 52.4 78.6#





#25

2-Butanone

Concen: 0.22 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampled :

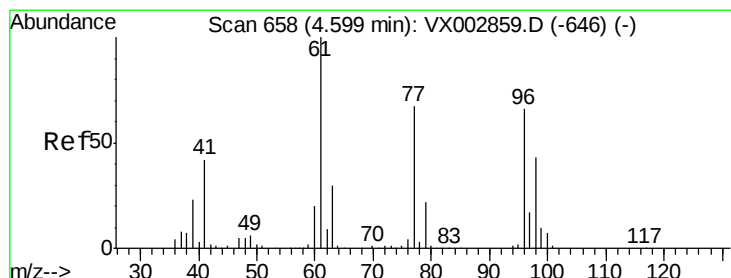
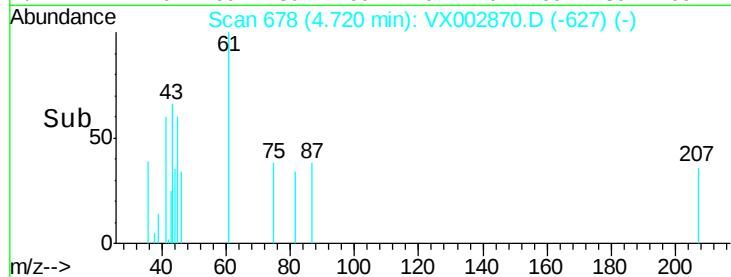
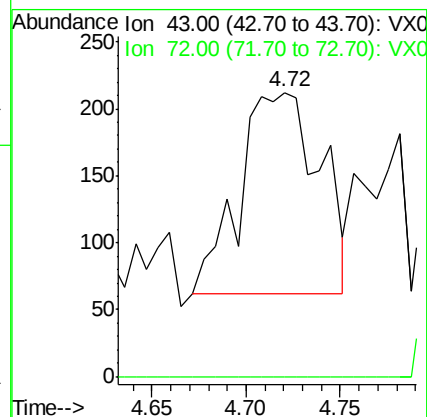
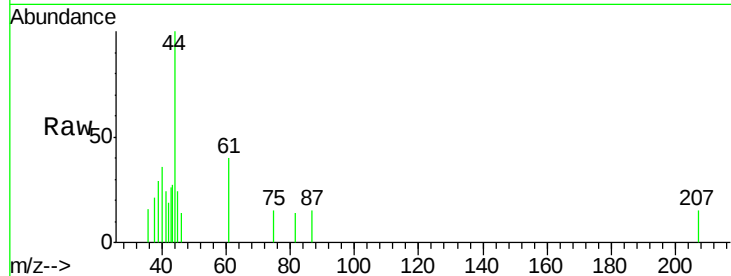
MW-10DL

Tot Ion: 43 Resp: 446

Ion Ratio Lower Upper

43 100

72 0.0 18.5 27.7#



#27

cis-1,2-Dichloroethene

Concen: 1.00 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

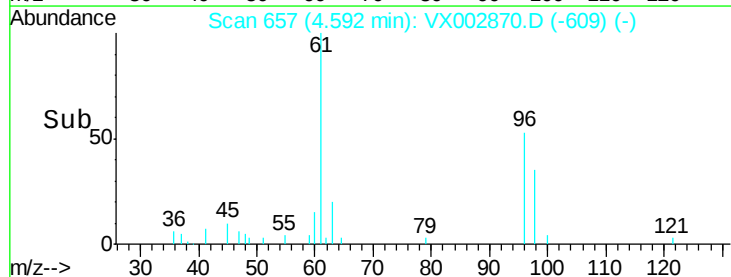
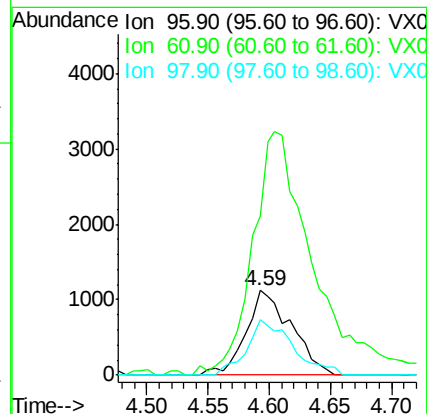
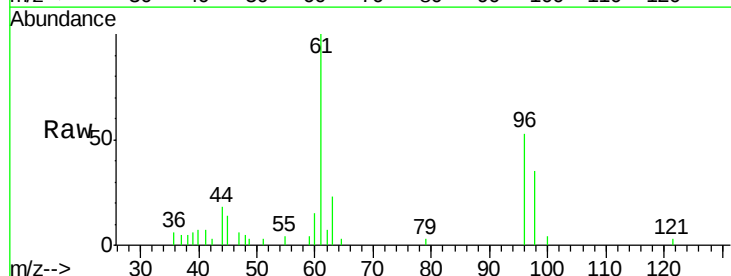
Tgt Ion: 96 Resp: 2894

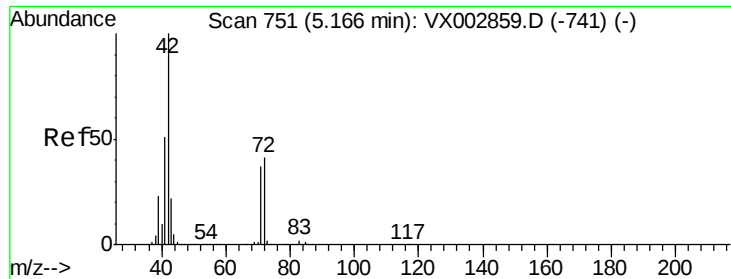
Ion Ratio Lower Upper

96 100

61 390.6 0.0 330.2#

98 65.9 0.0 130.2

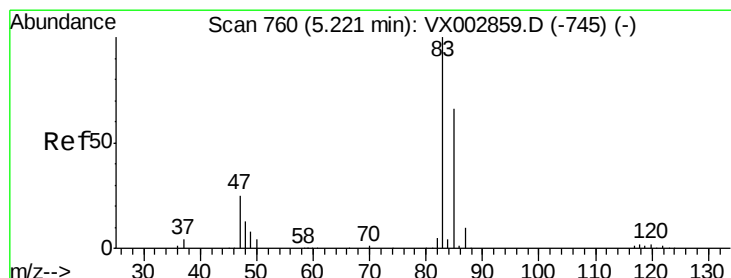
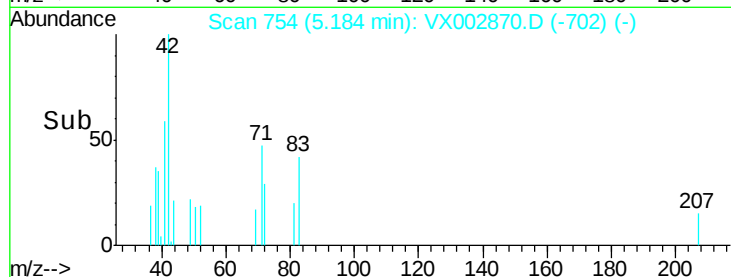
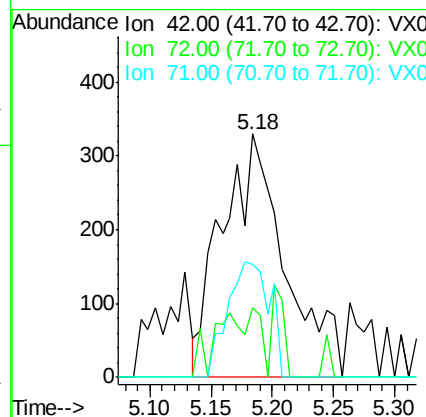
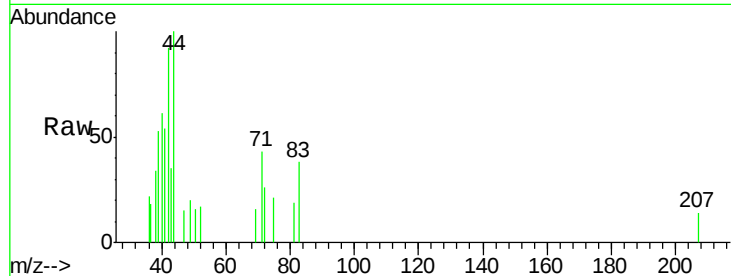




#29  
Tetrahydrofuran  
Concen: 0.90 ug/l  
RT: 5.18 min Scan# 754  
Delta R.T. 0.02 min  
Lab File: VX002870.D  
Acq: 25 Jun 2018 20:22

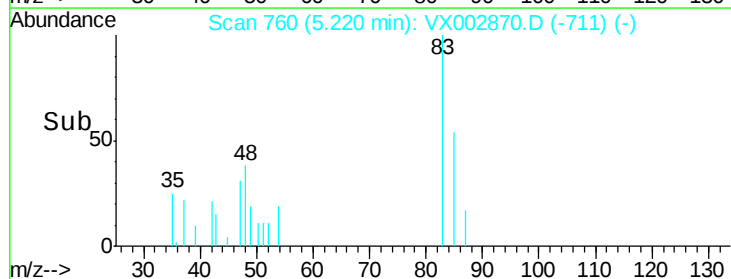
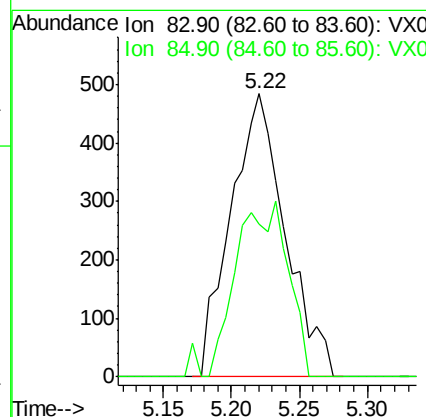
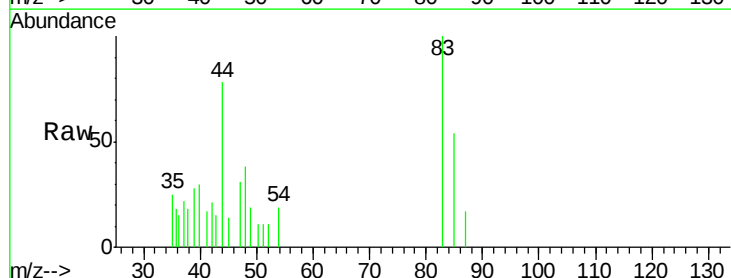
Instrument :  
MSVOA\_X  
ClientSampled :  
MW-10DL

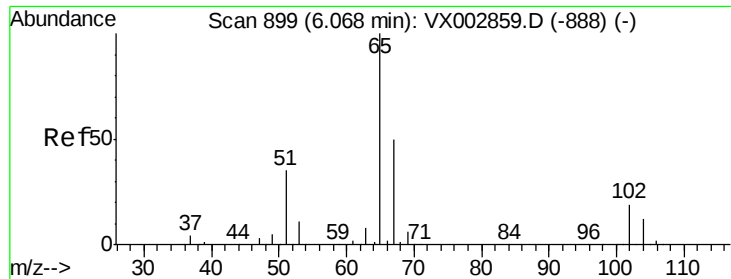
Tot Ion: 42 Resp: 1178  
Ion Ratio Lower Upper  
42 100  
72 13.2 32.0 48.0#  
71 31.7 30.1 45.1



#30  
Chloroform  
Concen: 0.27 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. -0.00 min  
Lab File: VX002870.D  
Acq: 25 Jun 2018 20:22

Tgt Ion: 83 Resp: 1354  
Ion Ratio Lower Upper  
83 100  
85 54.1 50.4 75.6

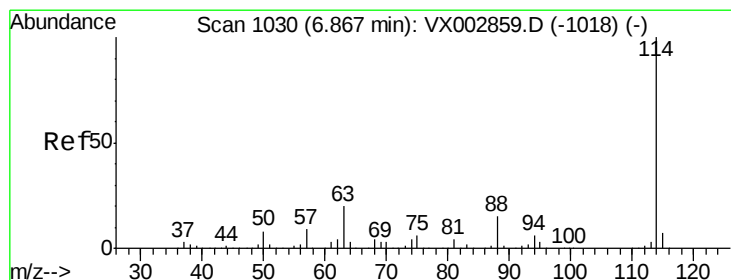
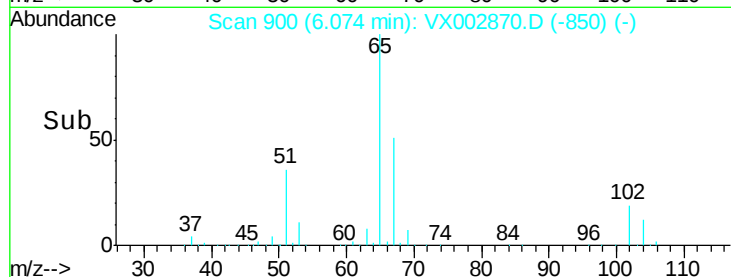
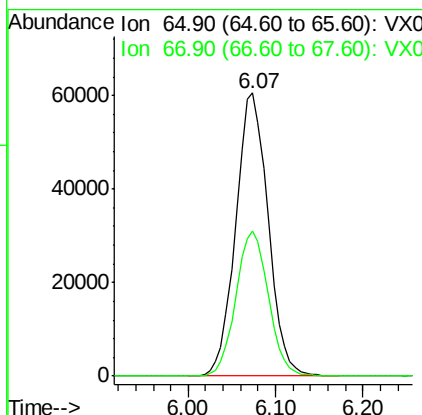
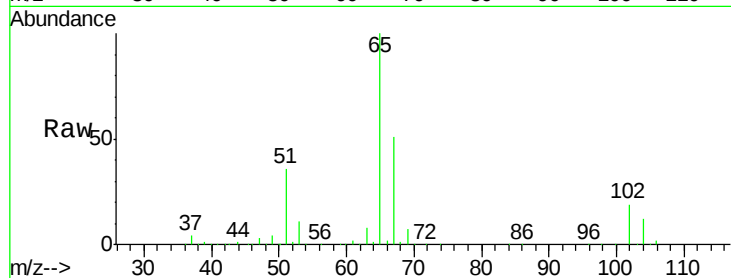




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.98 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. 0.01 min  
 Lab File: VX002870.D  
 Acq: 25 Jun 2018 20:22

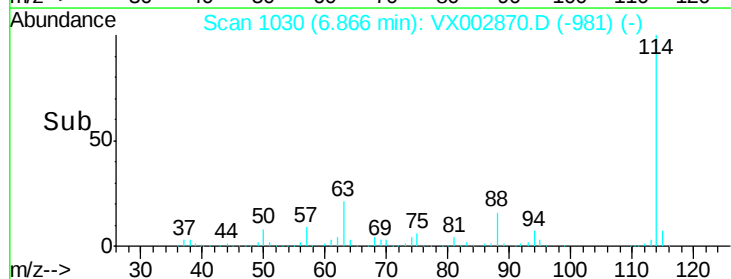
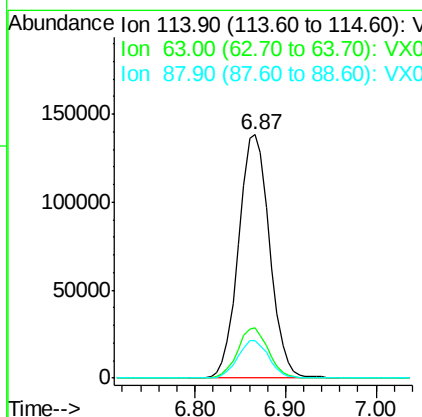
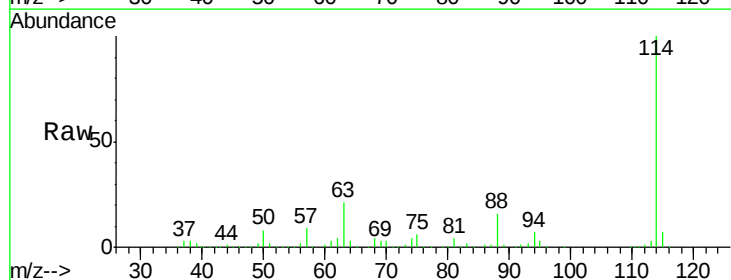
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-10DL

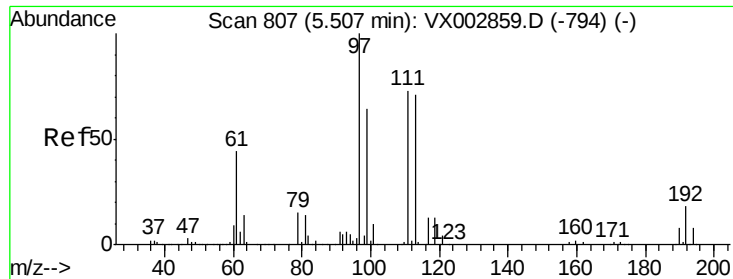
Tot Ion: 65 Resp: 156052  
 Ion Ratio Lower Upper  
 65 100  
 67 51.3 0.0 102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VX002870.D  
 Acq: 25 Jun 2018 20:22

Tgt Ion: 114 Resp: 328982  
 Ion Ratio Lower Upper  
 114 100  
 63 20.5 0.0 41.4  
 88 15.6 0.0 30.0

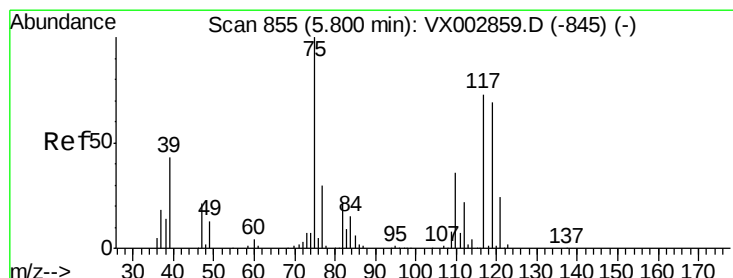
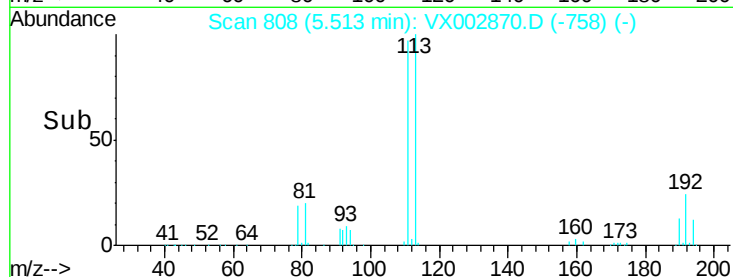
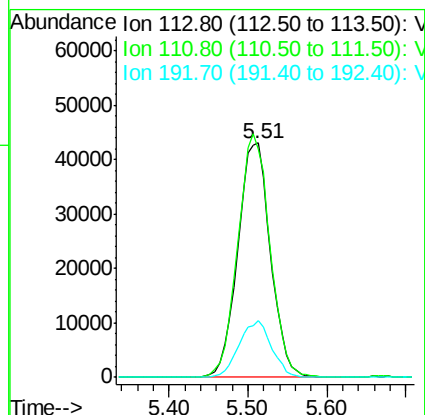
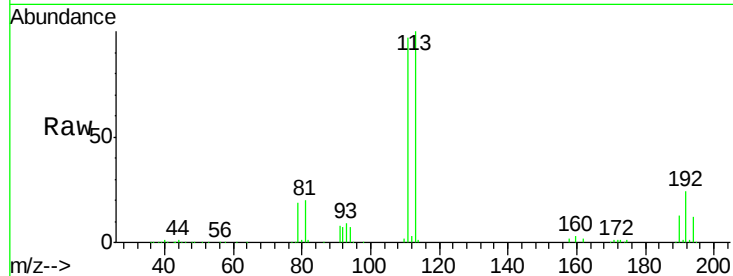




#35  
 Dibromofluoromethane  
 Concen: 47.66 ug/l  
 RT: 5.51 min Scan# 808  
 Delta R.T. 0.01 min  
 Lab File: VX002870.D  
 Acq: 25 Jun 2018 20:22

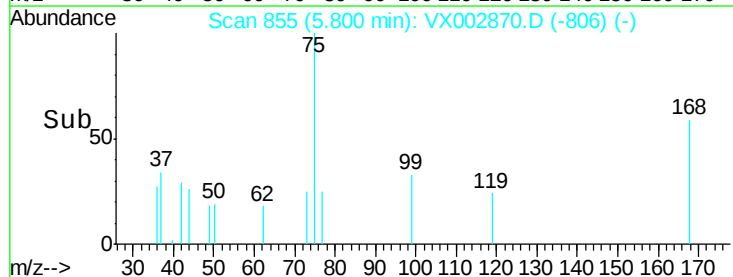
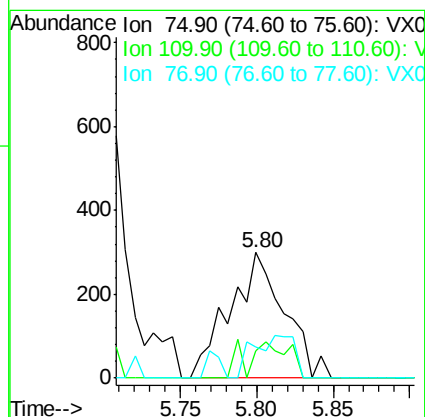
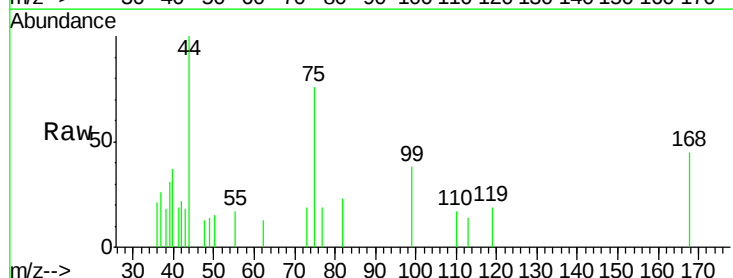
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 MW-10DL

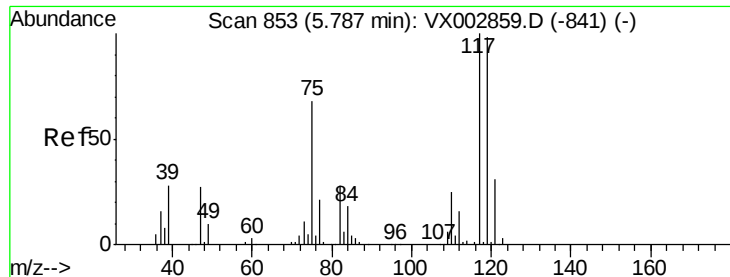
Tot Ion:113 Resp: 124153  
 Ion Ratio Lower Upper  
 113 100  
 111 102.3 81.4 122.0  
 192 24.0 19.1 28.7



#36  
 1,1-Dichloropropene  
 Concen: 0.21 ug/l  
 RT: 5.80 min Scan# 855  
 Delta R.T. -0.00 min  
 Lab File: VX002870.D  
 Acq: 25 Jun 2018 20:22

Tgt Ion: 75 Resp: 744  
 Ion Ratio Lower Upper  
 75 100  
 110 17.5 18.1 54.4#  
 77 25.8 24.3 36.5





#38

Carbon Tetrachloride

Concen: 5.61 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampled :

MW-10DL

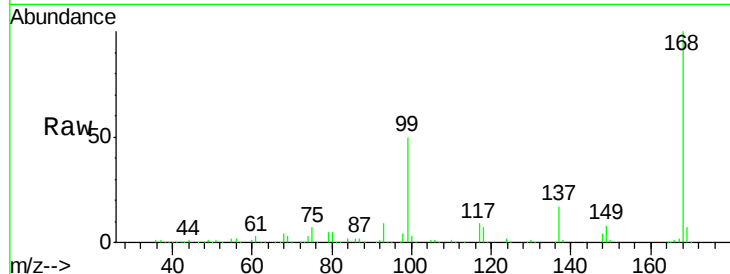
Tot Ion:117 Resp: 22210

Ion Ratio Lower Upper

117 100

119 5.0 77.4 116.0#

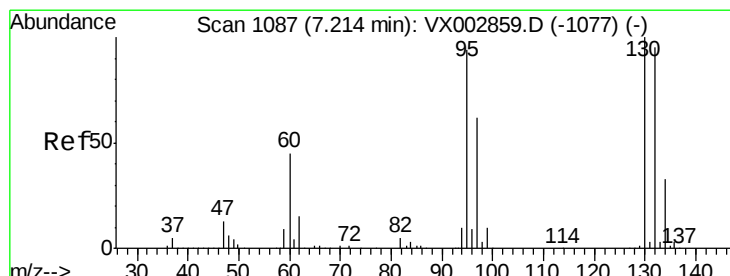
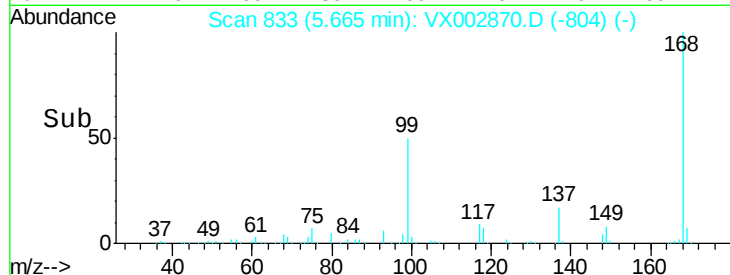
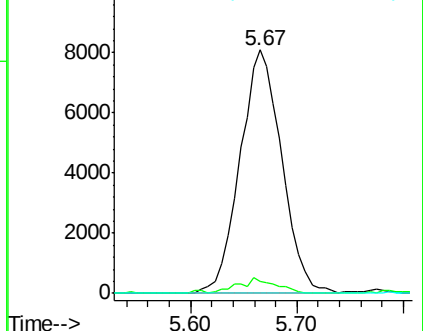
121 0.0 24.4 36.6#



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: 0.42 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002870.D

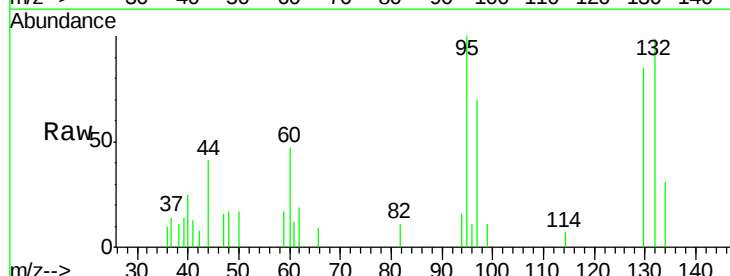
Acq: 25 Jun 2018 20:22

Tgt Ion:130 Resp: 1317

Ion Ratio Lower Upper

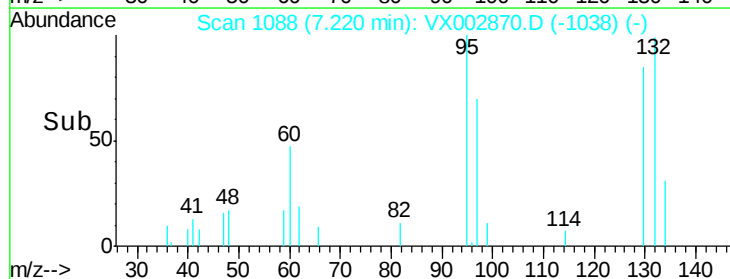
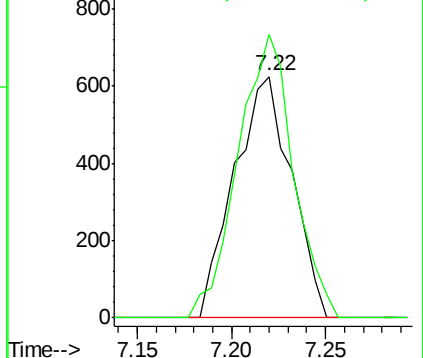
130 100

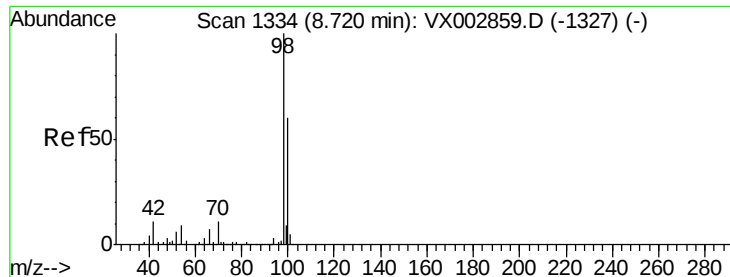
95 117.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.47 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampleId :

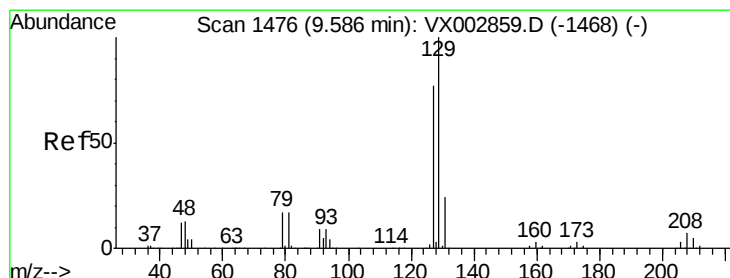
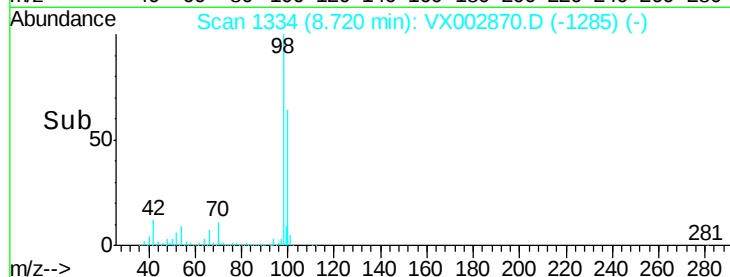
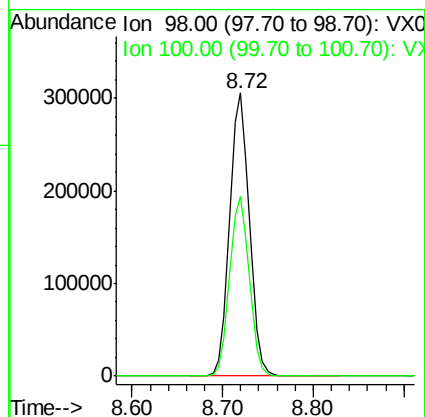
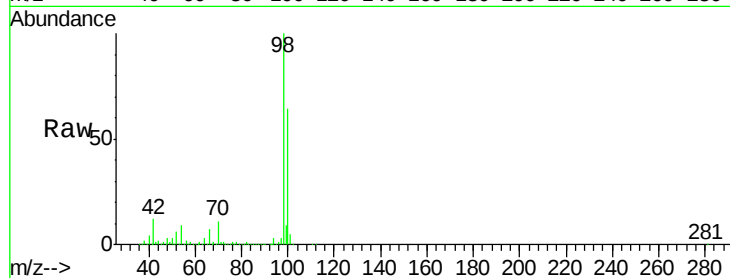
MW-10DL

Tot Ion: 98 Resp: 461115

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



#60

Dibromochloromethane

Concen: 7.34 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.25 min

Lab File: VX002870.D

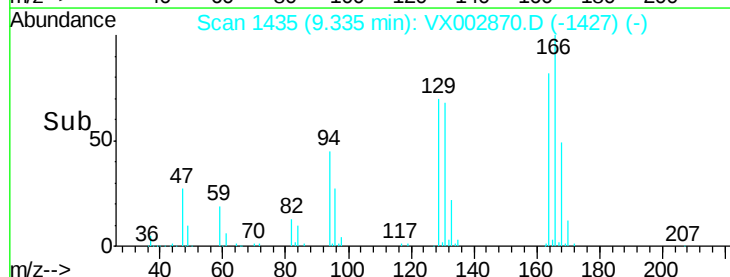
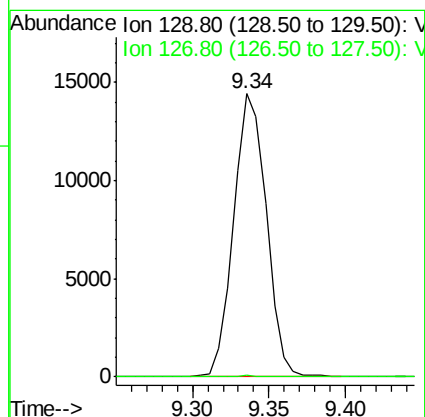
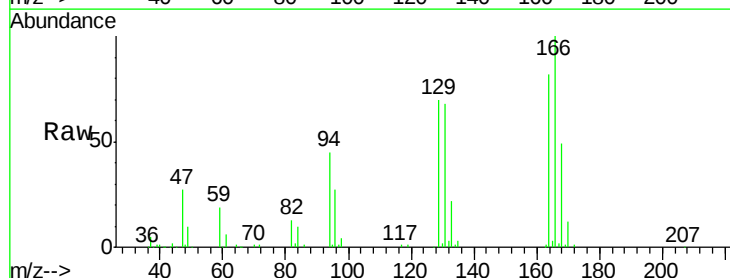
Acq: 25 Jun 2018 20:22

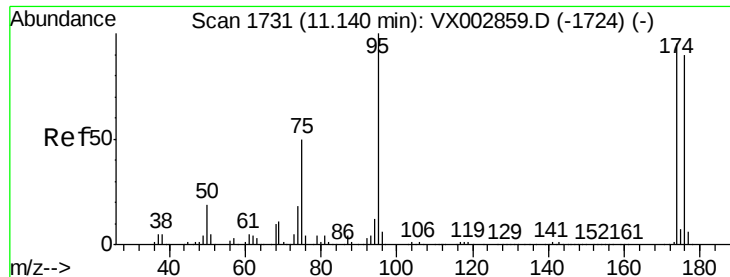
Tgt Ion:129 Resp: 21335

Ion Ratio Lower Upper

129 100

127 0.2 38.5 115.3#

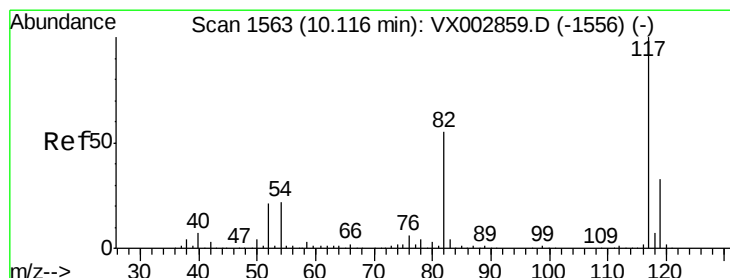
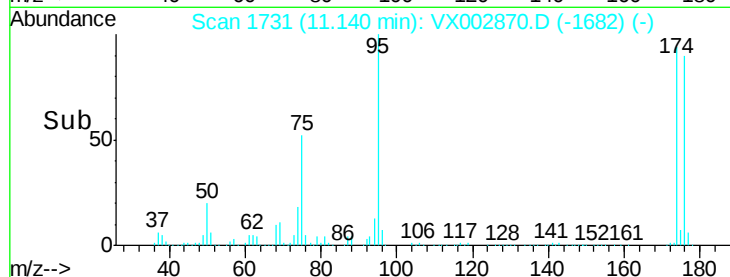
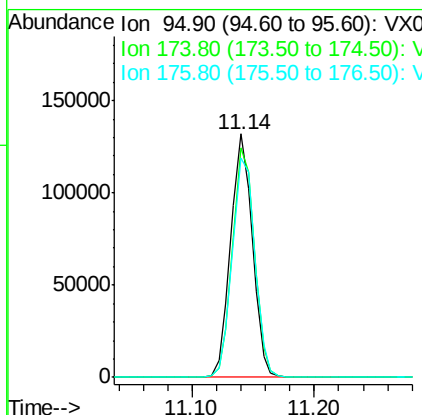
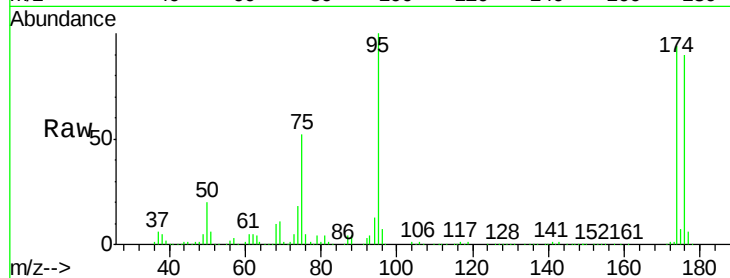




#62  
4-Bromofluorobenzene  
Concen: 43.97 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. 0.00 min  
Lab File: VX002870.D  
Acq: 25 Jun 2018 20:22

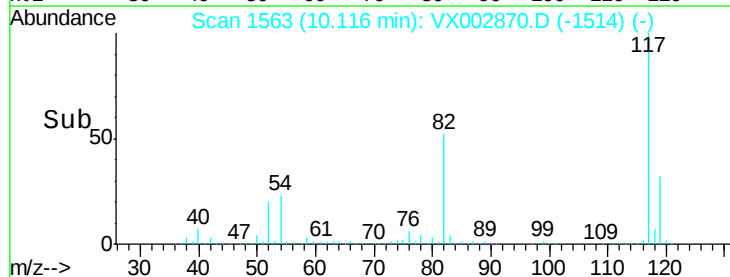
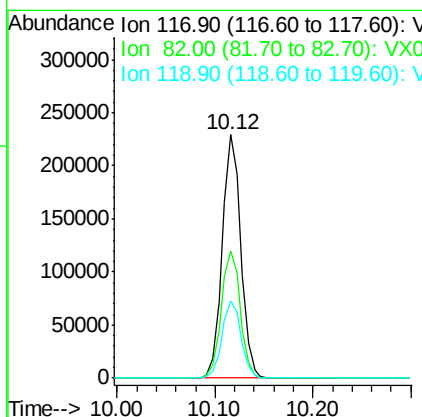
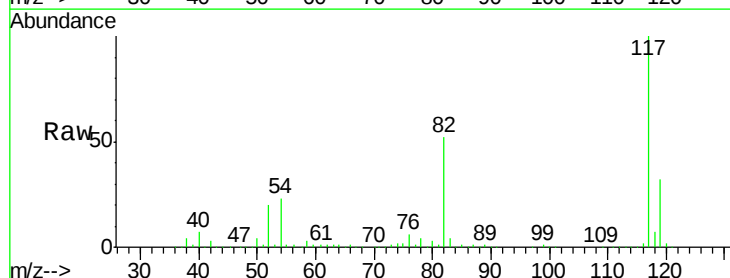
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-10DL

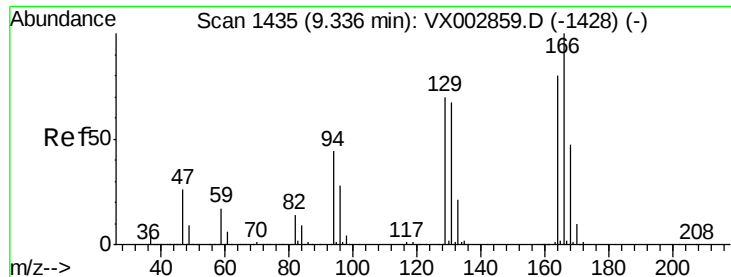
Tot Ion: 95 Resp: 161340  
Ion Ratio Lower Upper  
95 100  
174 95.9 0.0 187.4  
176 93.7 0.0 181.0



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX002870.D  
Acq: 25 Jun 2018 20:22

Tgt Ion: 117 Resp: 301630  
Ion Ratio Lower Upper  
117 100  
82 52.4 45.0 67.4  
119 31.8 25.8 38.6





#64

Tetrachloroethene

Concen: 7.22 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampleId :

MW-10DL

Tot Ion:164 Resp: 24205

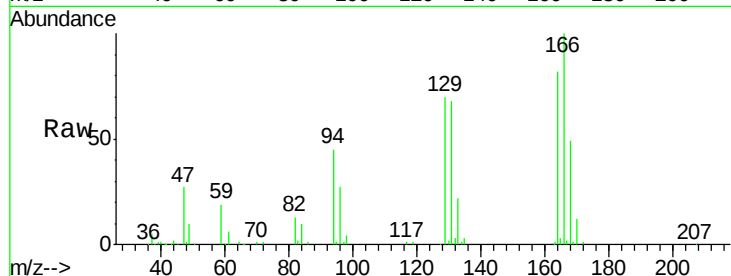
Ion Ratio Lower Upper

164 100

166 122.4 102.9 154.3

129 86.1 68.6 102.8

131 83.5 66.8 100.2

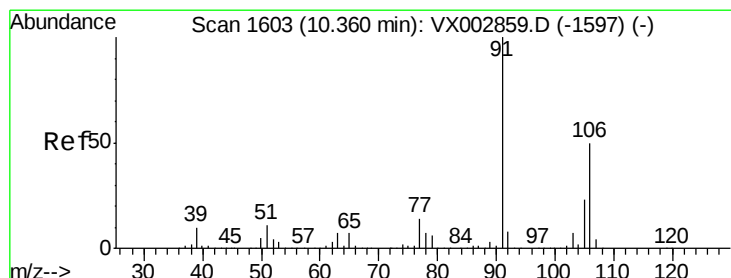
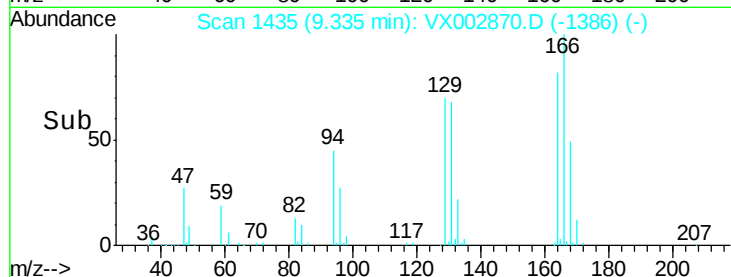
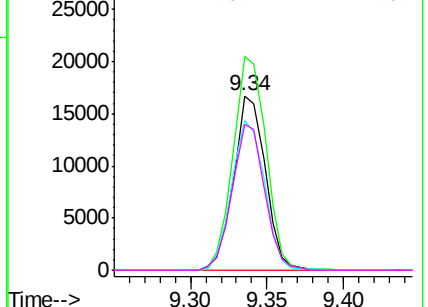


Abundance Ion 163.80 (163.50 to 164.50): V

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



#68

m/p-Xylenes

Concen: 0.21 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX002870.D

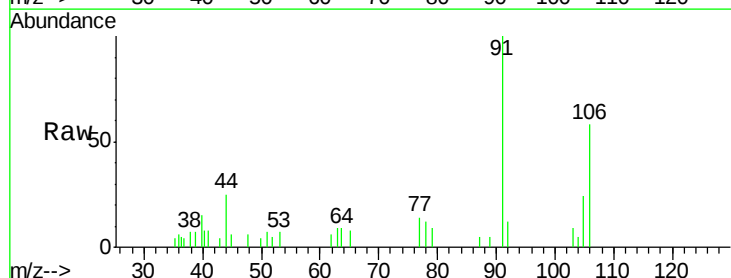
Acq: 25 Jun 2018 20:22

Tgt Ion:106 Resp: 1016

Ion Ratio Lower Upper

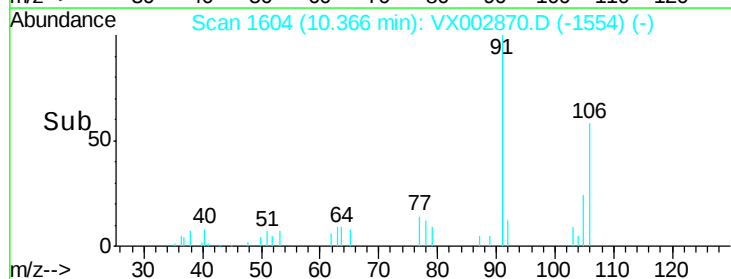
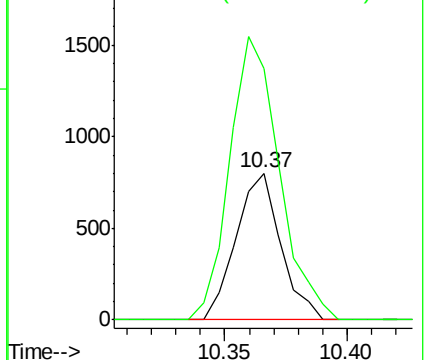
106 100

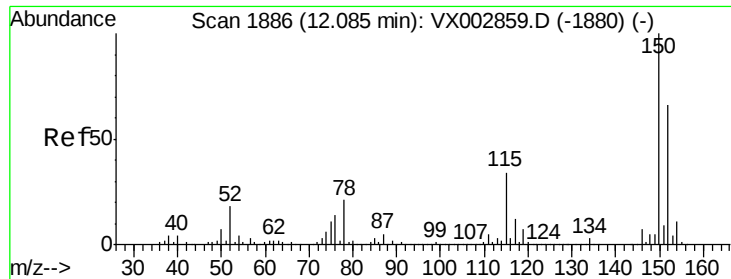
91 214.2 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampled :

MW-10DL

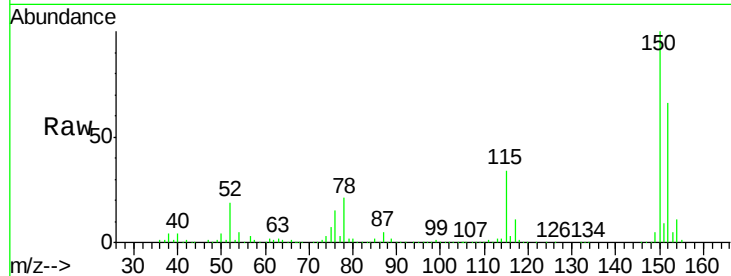
Tot Ion:152 Resp: 165848

Ion Ratio Lower Upper

152 100

115 55.3 40.1 120.2

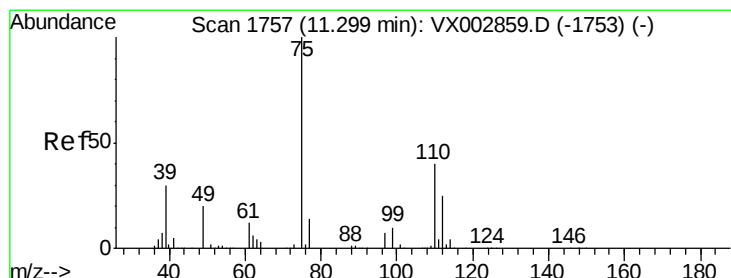
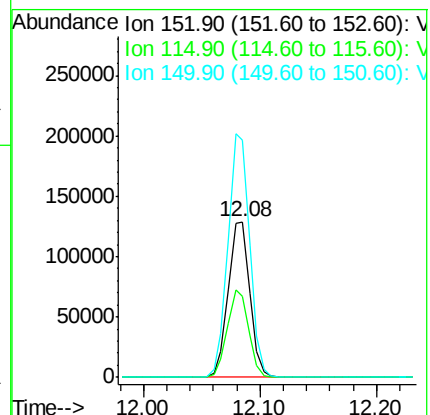
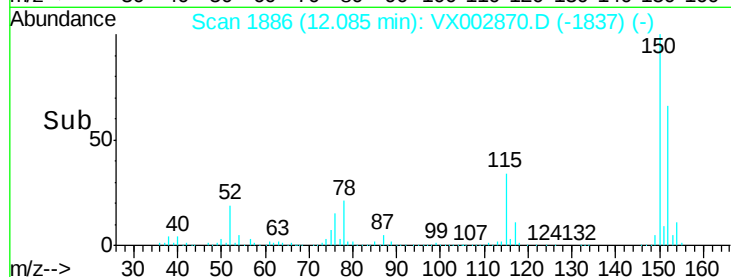
150 156.4 0.0 347.2



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: 28.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002870.D

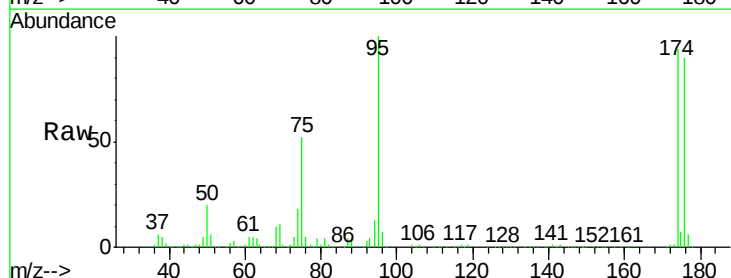
Acq: 25 Jun 2018 20:22

Tgt Ion: 75 Resp: 84563

Ion Ratio Lower Upper

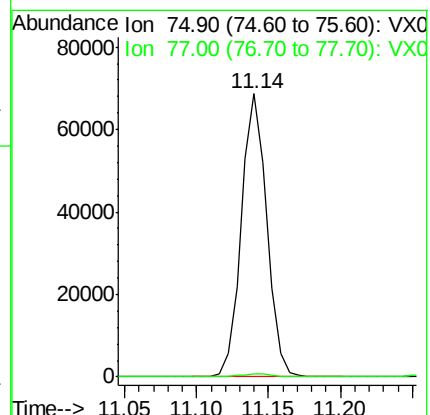
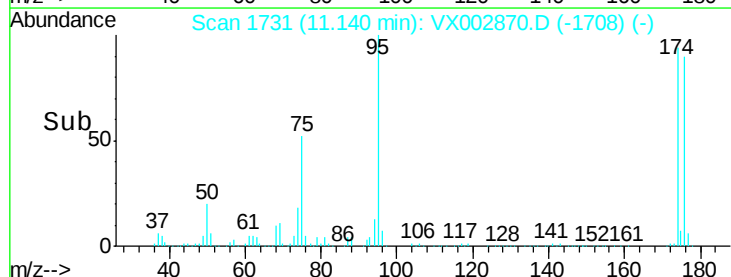
75 100

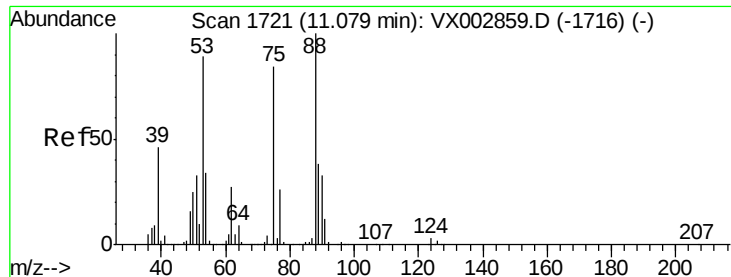
77 1.3 22.8 68.3#



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: 79.54 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampled :

MW-10DL

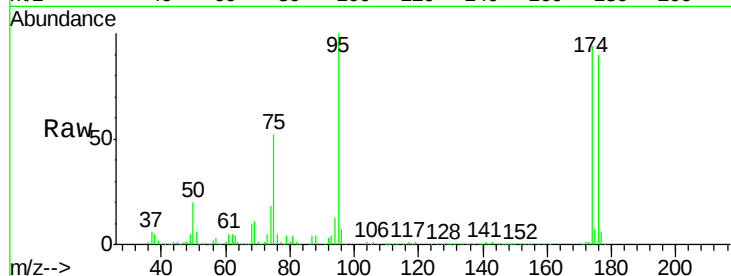
Tot Ion: 75 Resp: 84563

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

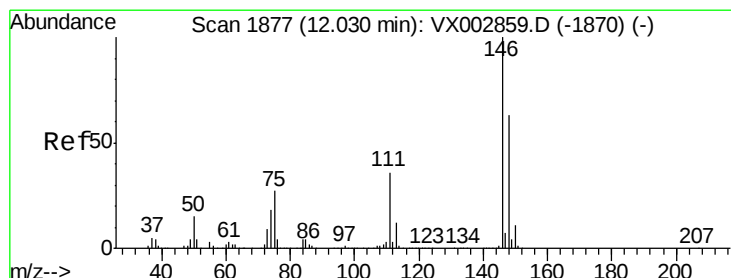
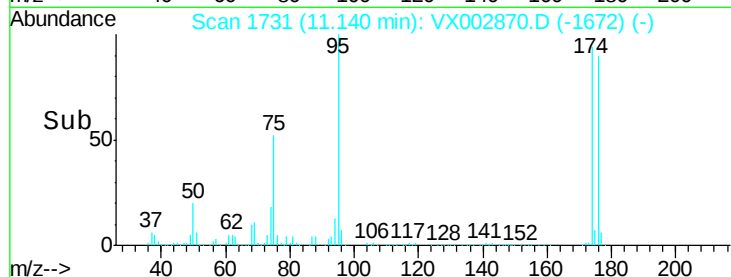
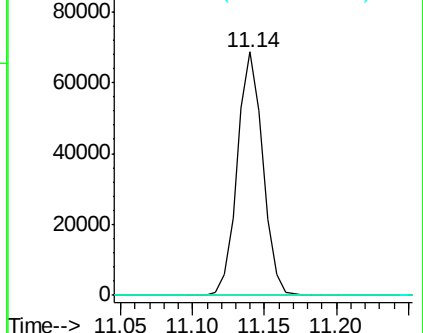
89 0.0 38.2 57.2#



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



#87

1,3-Dichlorobenzene

Concen: 0.22 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

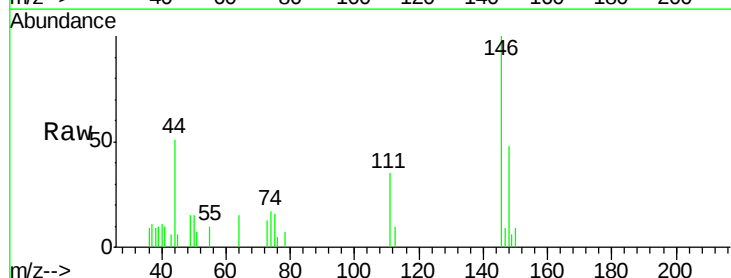
Tgt Ion:146 Resp: 1279

Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.7

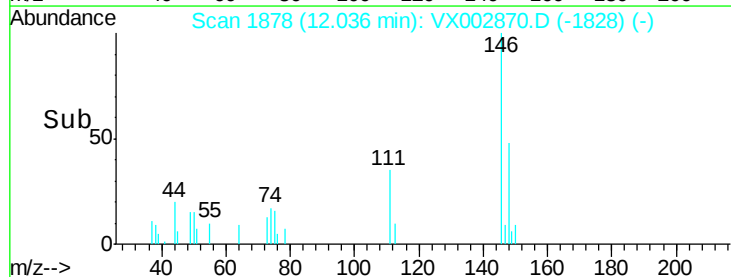
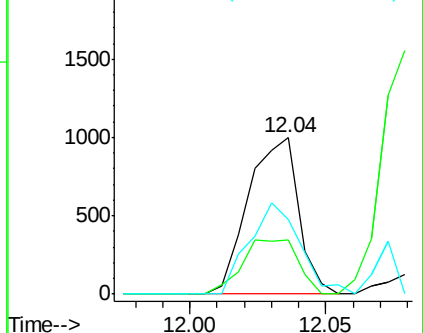
148 59.1 32.1 96.3

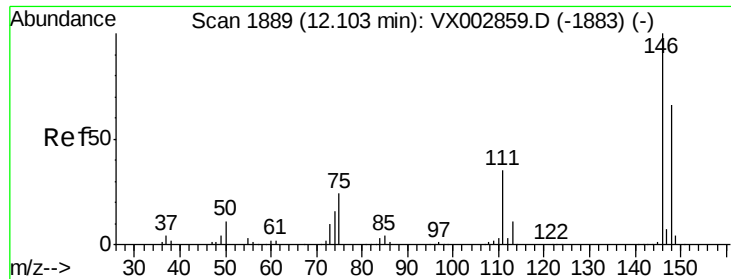


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

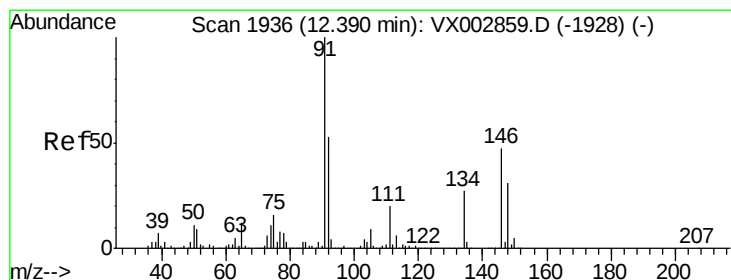
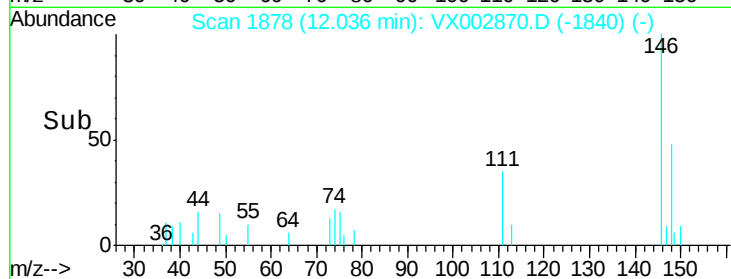
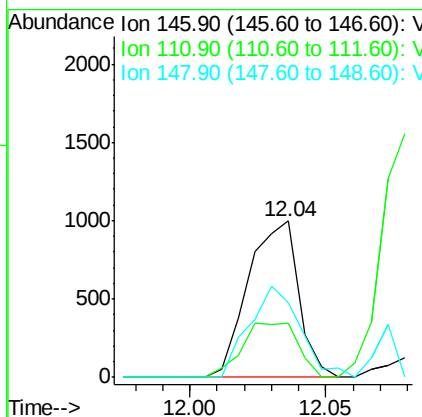
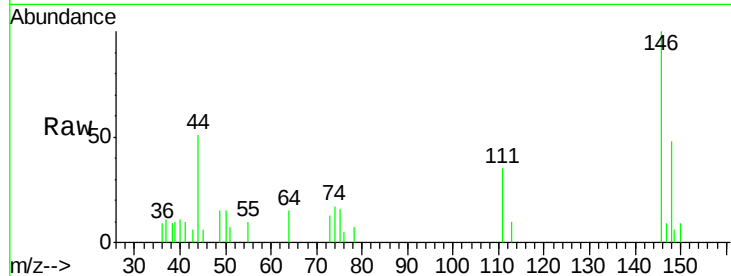




#88  
 1,4-Dichlorobenzene  
 Concen: 0.21 ug/l  
 RT: 12.04 min Scan# 1878  
 Delta R.T. -0.07 min  
 Lab File: VX002870.D  
 Acq: 25 Jun 2018 20:22

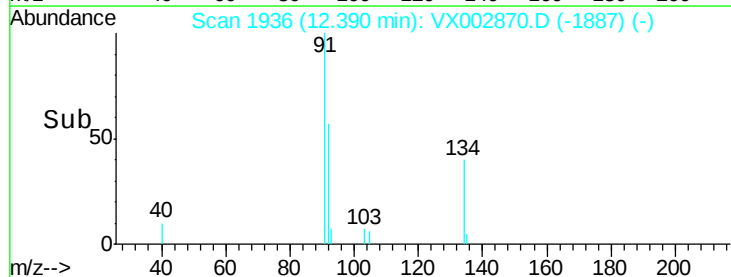
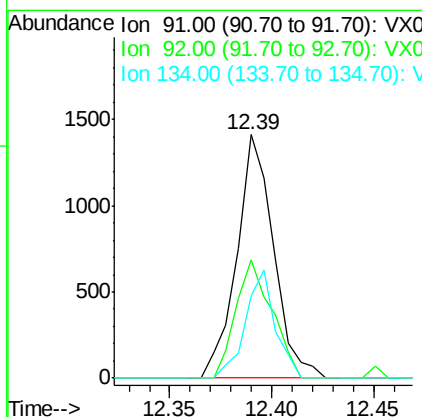
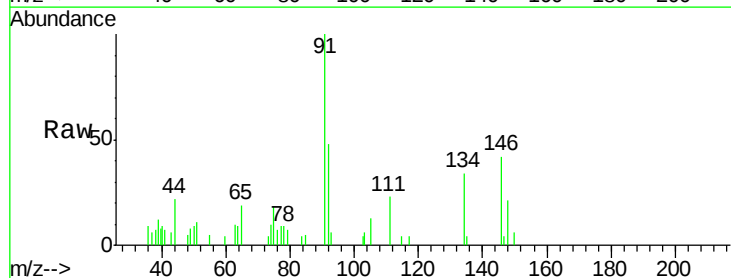
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 MW-10DL

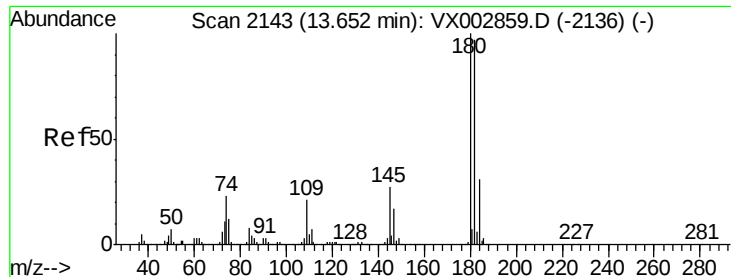
Tot Ion:146 Resp: 1279  
 Ion Ratio Lower Upper  
 146 100  
 111 38.9 18.7 56.1  
 148 59.1 32.4 97.0



#89  
 n-Butylbenzene  
 Concen: 0.20 ug/l  
 RT: 12.39 min Scan# 1936  
 Delta R.T. -0.00 min  
 Lab File: VX002870.D  
 Acq: 25 Jun 2018 20:22

Tgt Ion: 91 Resp: 1771  
 Ion Ratio Lower Upper  
 91 100  
 92 47.5 26.0 78.0  
 134 35.7 13.5 40.5

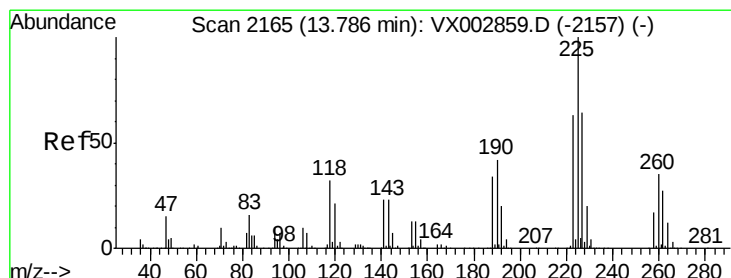
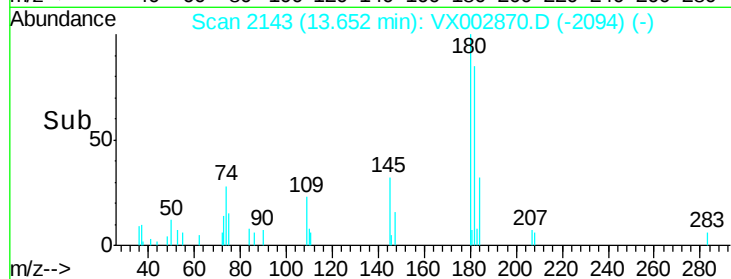
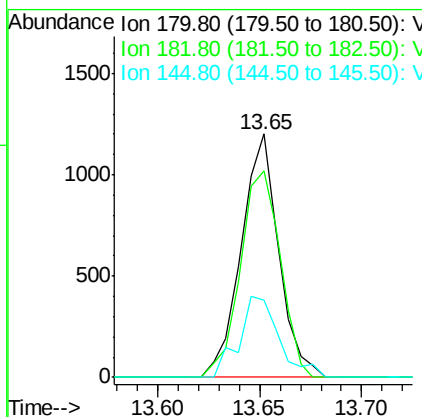
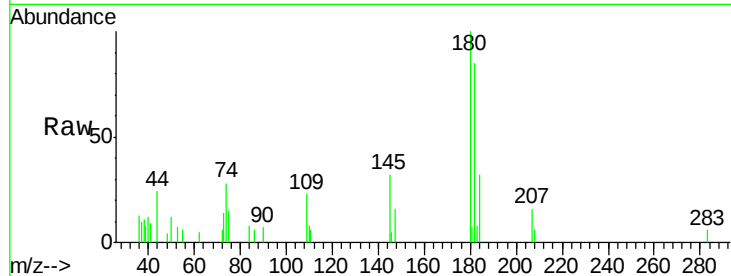




#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.36 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: VX002870.D  
 Acq: 25 Jun 2018 20:22

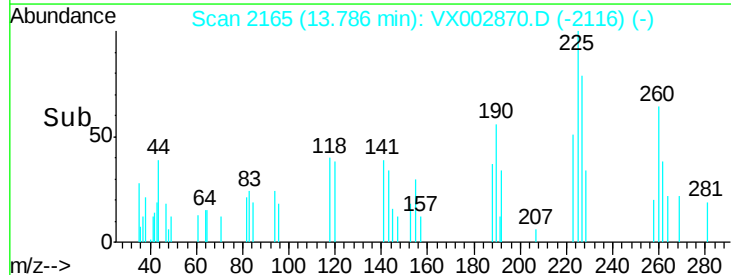
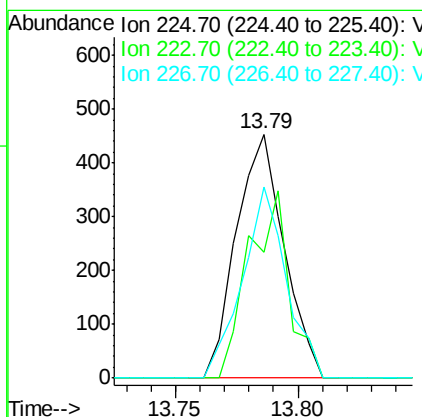
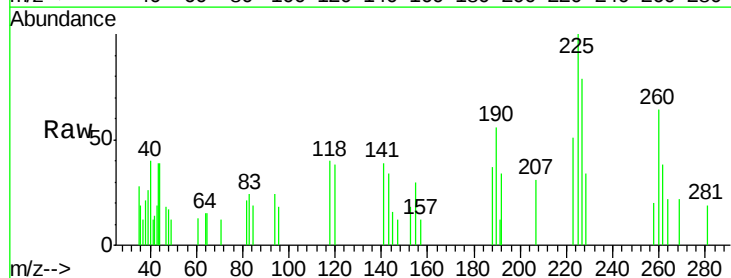
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-10DL

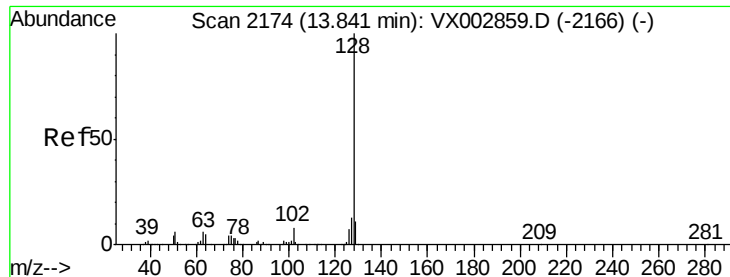
Tot Ion:180 Resp: 1536  
 Ion Ratio Lower Upper  
 180 100  
 182 90.2 47.7 143.1  
 145 35.5 14.1 42.4



#94  
 Hexachlorobutadiene  
 Concen: 0.29 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. -0.00 min  
 Lab File: VX002870.D  
 Acq: 25 Jun 2018 20:22

Tgt Ion:225 Resp: 612  
 Ion Ratio Lower Upper  
 225 100  
 223 65.4 31.6 95.0  
 227 72.7 32.4 97.2





#95

Naphthalene

Concen: 0.25 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampleId :

MW-10DL

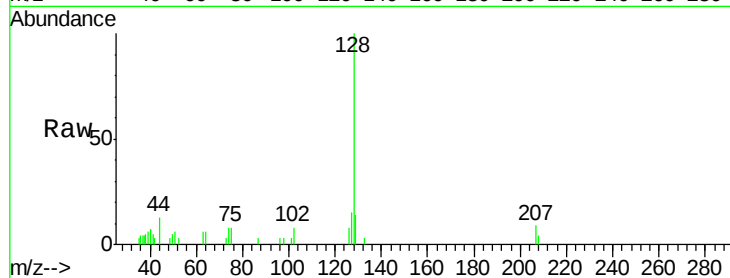
Tot Ion:128 Resp: 2808

Ion Ratio Lower Upper

128 100

127 11.0 10.4 15.6

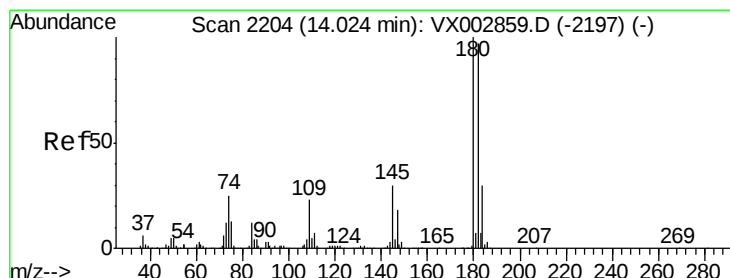
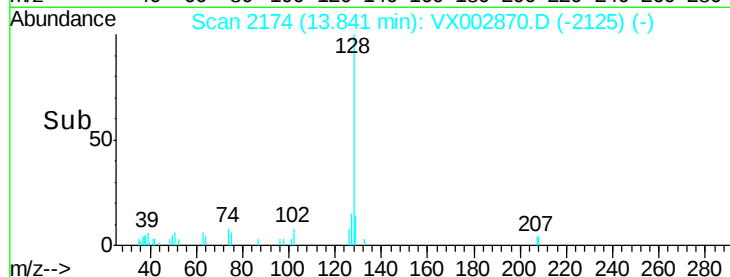
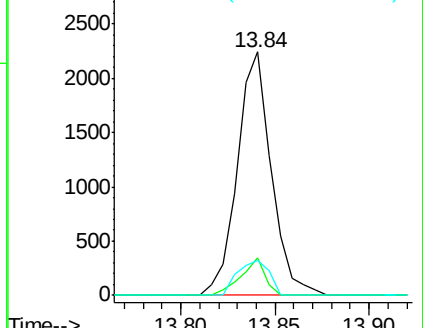
129 13.4 8.6 13.0#



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: 0.29 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002870.D

Acq: 25 Jun 2018 20:22

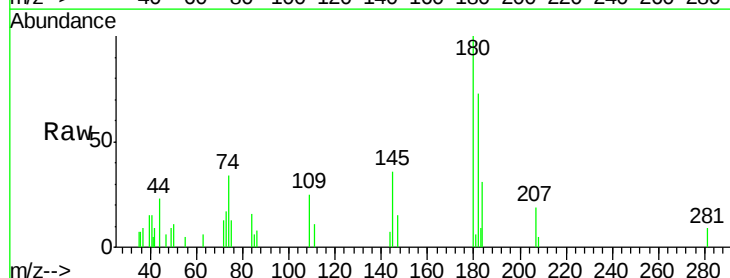
Tgt Ion:180 Resp: 1255

Ion Ratio Lower Upper

180 100

182 98.5 48.0 144.0

145 31.4 14.8 44.3



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

