

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082918\  
 Data File : VX004297.D  
 Acq On : 29 Aug 2018 17:11  
 Operator : JC/MD  
 Sample : J4681-11  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW09S-M12W4-082318

Quant Time: Aug 30 02:09:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082218W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 23 05:39:44 2018  
 Response via : Initial Calibration

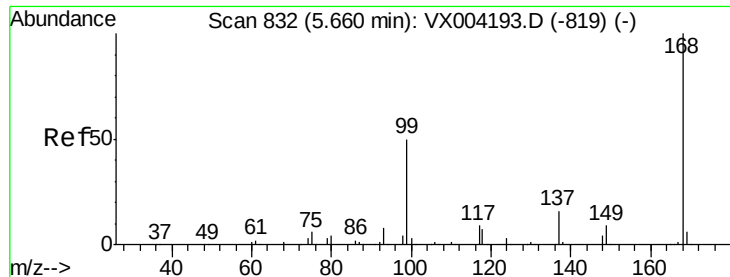
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 262232   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 414147   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 376350   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 202545   | 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   | 189517   | 55.45 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 110.90% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 164641   | 53.44 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.88% |          |
| 50) Toluene-d8              | 8.72  | 98   | 595800   | 51.23 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.46% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 205983   | 47.47 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.94%  |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.32  | 50   | 984      | 0.58      | ug/l   | 88     |
| 5) Bromomethane                | 1.64  | 94   | 808      | Below Cal |        | 97     |
| 6) Chloroethane                | 1.71  | 64   | 7065     | 3.52      | ug/l # | 55     |
| 10) Methyl Iodide              | 2.52  | 142  | 366      | 4.37      | ug/l # | 89     |
| 11) Tert butyl alcohol         | 3.07  | 59   | 1998     | 2.74      | ug/l # | 86     |
| 13) Acrolein                   | 2.29  | 56   | 70       | 0.40      | ug/l # | 59     |
| 14) Allyl chloride             | 2.71  | 41   | 1991     | 0.39      | ug/l # | 47     |
| 16) Acetone                    | 2.45  | 43   | 2958     | Below Cal |        | 92     |
| 17) Carbon Disulfide           | 2.56  | 76   | 827      | 0.90      | ug/l   | 95     |
| 18) Methyl Acetate             | 2.78  | 43   | 1192     | 0.24      | ug/l # | 89     |
| 20) Methylene Chloride         | 2.85  | 84   | 976      | 0.30      | ug/l   | 92     |
| 25) 2-Butanone                 | 4.70  | 43   | 211      | Below Cal | #      | 47     |
| 28) Bromochloromethane         | 5.22  | 49   | 655      | 0.27      | ug/l # | 9      |
| 30) Chloroform                 | 5.21  | 83   | 6965     | 1.25      | ug/l   | 94     |
| 31) Cyclohexane                | 5.66  | 56   | 4611     | 0.96      | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 5.66  | 75   | 17547    | 3.77      | ug/l # | 49     |
| 37) Ethyl Acetate              | 4.86  | 43   | 2325     | 0.51      | ug/l # | 84     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 22713    | 5.19      | ug/l # | 15     |
| 59) 2-Hexanone                 | 9.31  | 43   | 784      | 0.20      | ug/l   | 64     |
| 60) Dibromochloromethane       | 9.34  | 129  | 19929    | 5.82      | ug/l # | 11     |
| 64) Tetrachloroethene          | 9.34  | 164  | 22626    | 6.09      | ug/l   | 98     |
| 71) Bromoform                  | 10.86 | 173  | 1451     | 0.55      | ug/l # | 98     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 98535    | 23.92     | ug/l # | 37     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 98535    | 77.61     | ug/l # | 10     |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 3140     | 0.67      | ug/l   | 96     |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004297.D

Acq: 29 Aug 2018 17:11

Instrument :

MSVOA\_X

ClientSampleId :

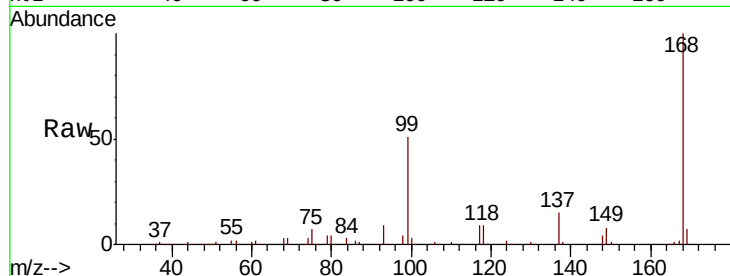
CPA-CPMW09S-M12W4-082318

Tot Ion:168 Resp: 262232

Ion Ratio Lower Upper

168 100

99 50.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

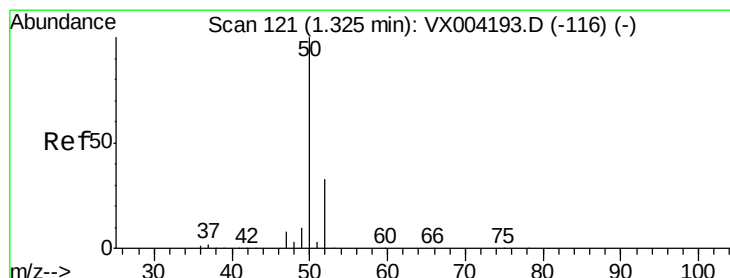
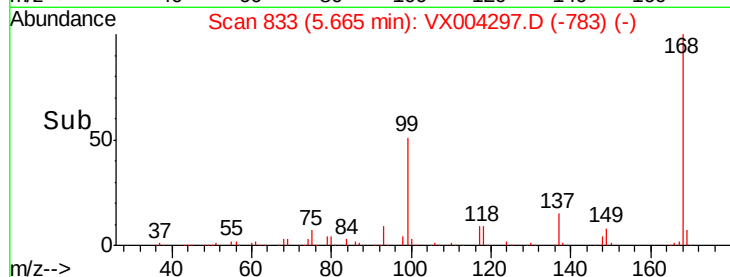
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.58 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004297.D

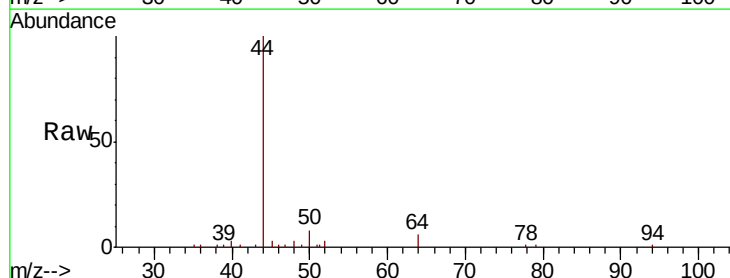
Acq: 29 Aug 2018 17:11

Tgt Ion: 50 Resp: 984

Ion Ratio Lower Upper

50 100

52 39.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

600

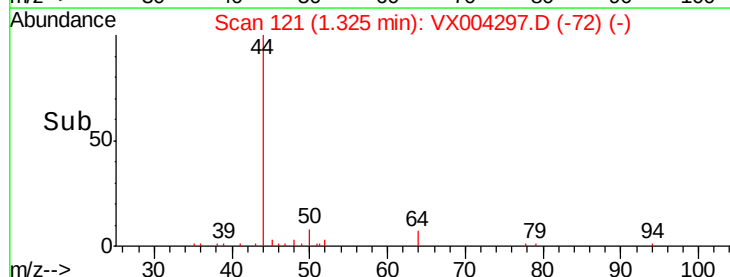
400

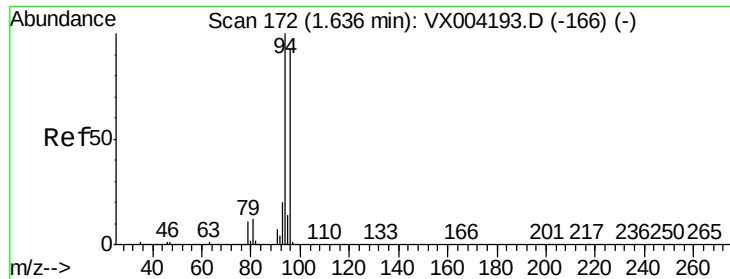
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004297.D

Acq: 29 Aug 2018 17:11

Instrument :

MSVOA\_X

ClientSampleId :

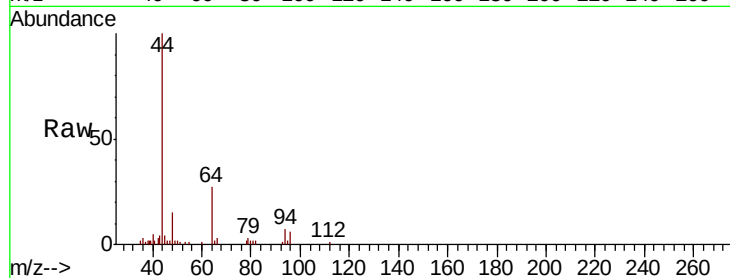
CPA-CPMW09S-M12W4-082318

Tot Ion: 94 Resp: 808

Ion Ratio Lower Upper

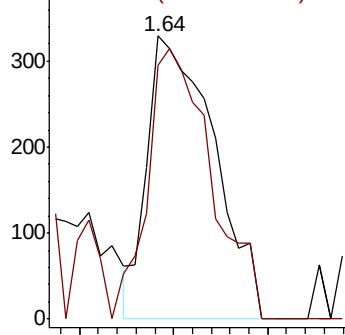
94 100

96 90.0 74.5 111.7

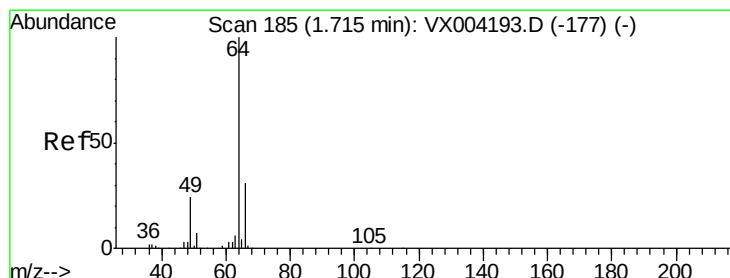
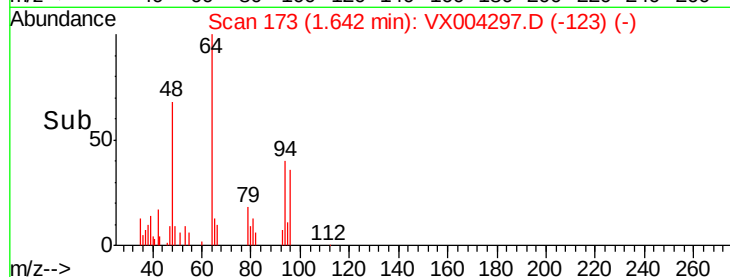


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 3.52 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX004297.D

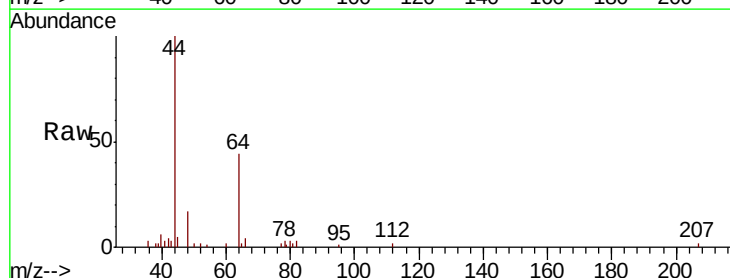
Acq: 29 Aug 2018 17:11

Tgt Ion: 64 Resp: 7065

Ion Ratio Lower Upper

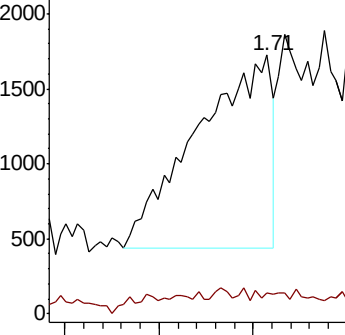
64 100

66 6.0 24.6 36.8#

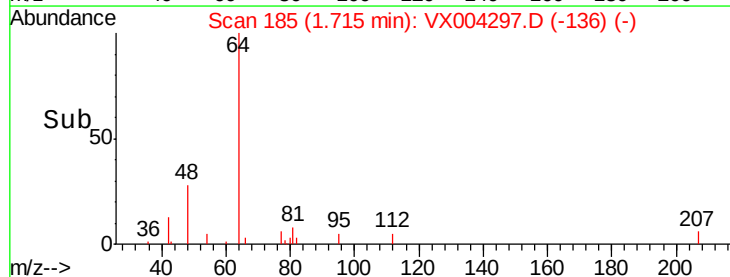


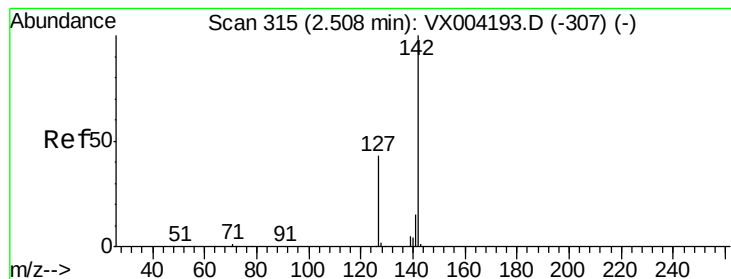
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#10

Methvl Iodide

Concen: 4.37 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX004297.D

Acq: 29 Aug 2018 17:11

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW09S-M12W4-082318

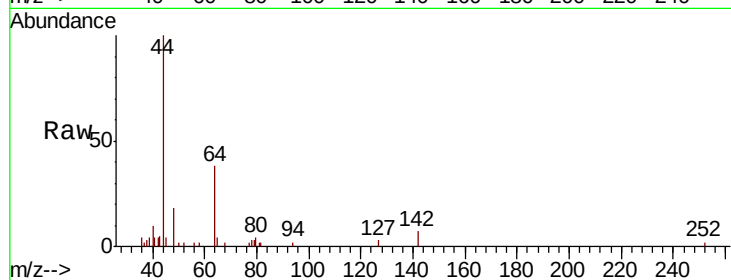
Tot Ion:142 Resp: 366

Ion Ratio Lower Upper

142 100

127 40.7 33.8 50.6

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

250

200

150

100

50

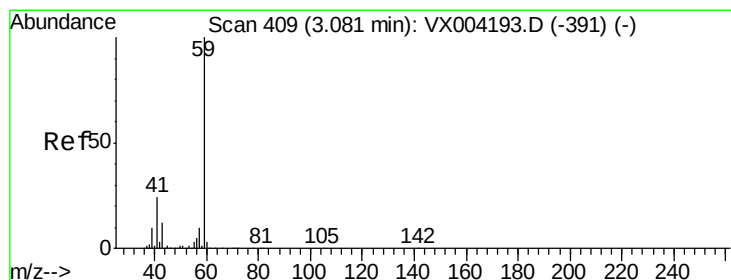
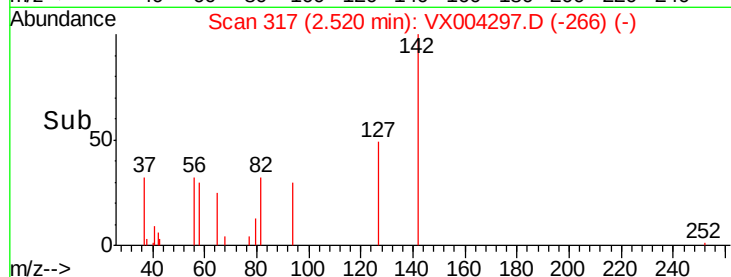
0

2.50

2.52

2.55

Time-->



#11

Tert butyl alcohol

Concen: 2.74 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX004297.D

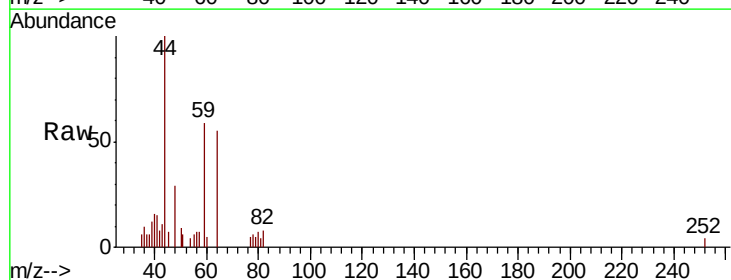
Acq: 29 Aug 2018 17:11

Tgt Ion: 59 Resp: 1998

Ion Ratio Lower Upper

59 100

57 15.4 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1000

800

600

400

200

0

3.00

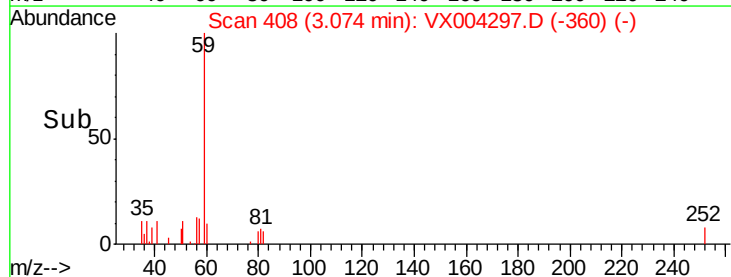
3.05

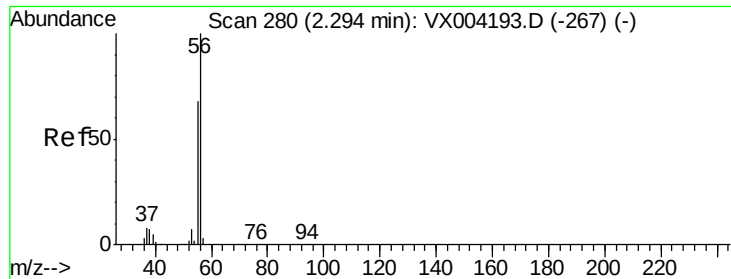
3.07

3.10

3.15

Time-->

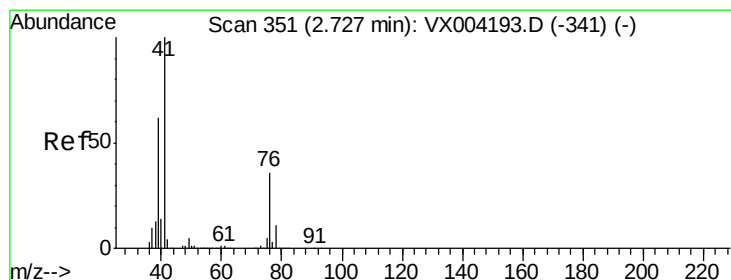
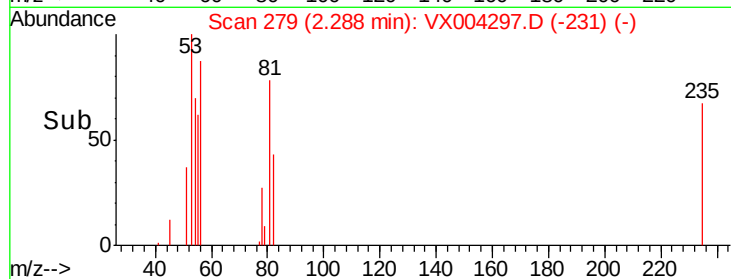
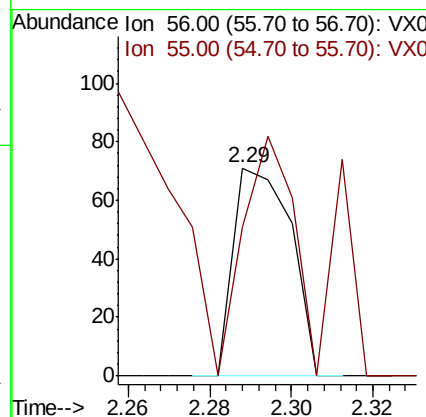
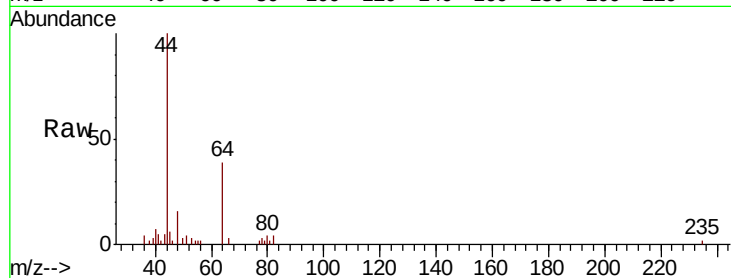




#13  
Acrolein  
Concen: 0.40 ug/l  
RT: 2.29 min Scan# 279  
Delta R.T. -0.01 min  
Lab File: VX004297.D  
Acq: 29 Aug 2018 17:11

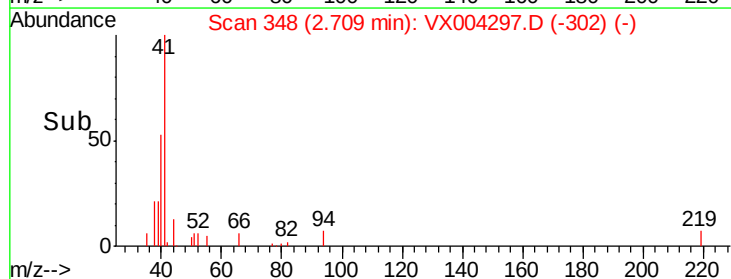
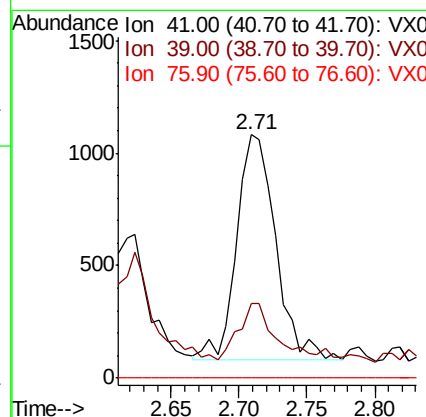
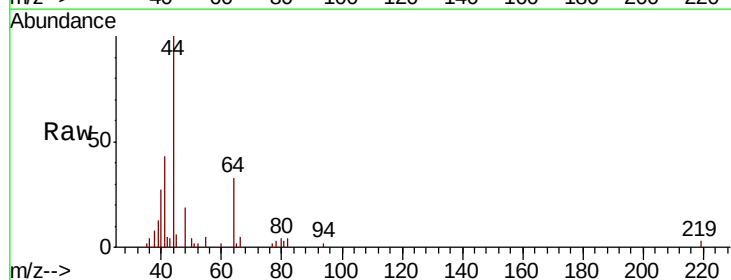
Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW09S-M12W4-082318

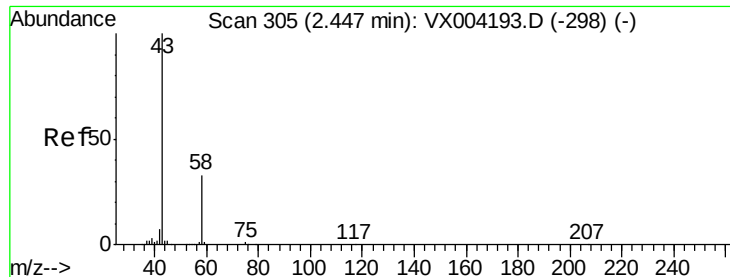
Tot Ion: 56 Resp: 70  
Ion Ratio Lower Upper  
56 100  
55 101.4 54.7 82.1#



#14  
Allyl chloride  
Concen: 0.39 ug/l  
RT: 2.71 min Scan# 348  
Delta R.T. -0.02 min  
Lab File: VX004297.D  
Acq: 29 Aug 2018 17:11

Tgt Ion: 41 Resp: 1991  
Ion Ratio Lower Upper  
41 100  
39 22.8 48.9 73.3#  
76 0.0 26.7 40.1#





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004297.D

Acq: 29 Aug 2018 17:11

Instrument :

MSVOA\_X

ClientSampleId :

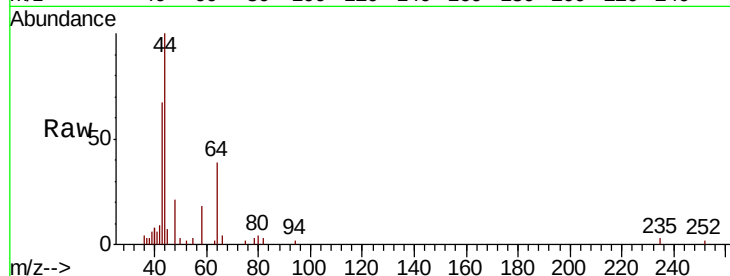
CPA-CPMW09S-M12W4-082318

Tot Ion: 43 Resp: 2958

Ion Ratio Lower Upper

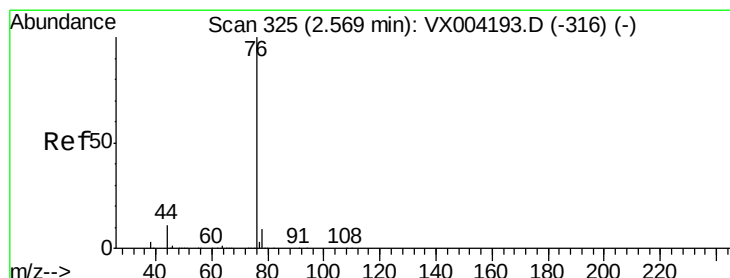
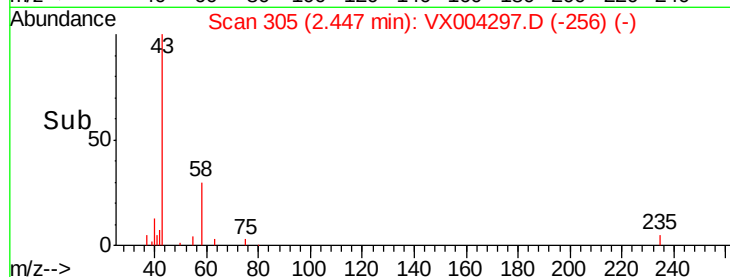
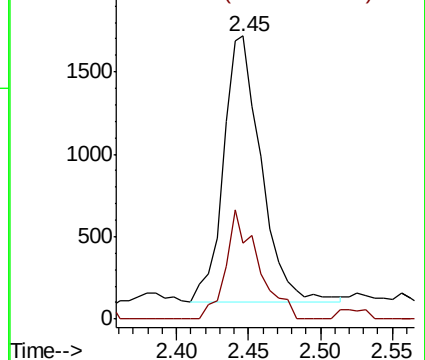
43 100

58 28.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.90 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX004297.D

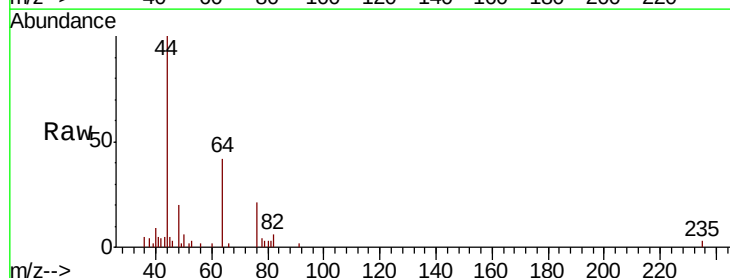
Acq: 29 Aug 2018 17:11

Tgt Ion: 76 Resp: 827

Ion Ratio Lower Upper

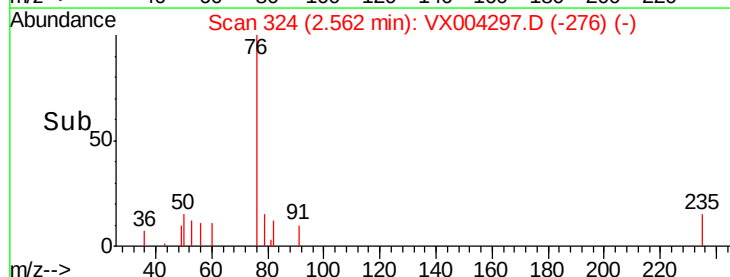
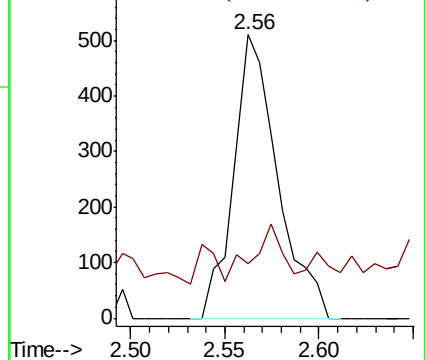
76 100

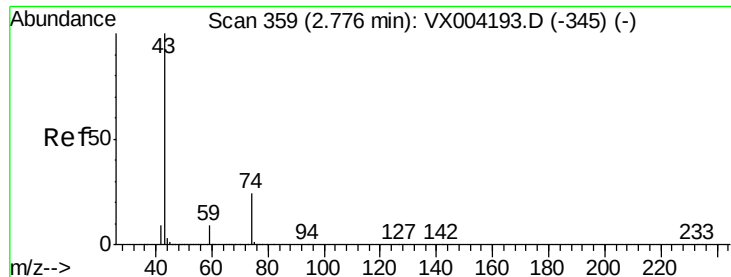
78 7.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

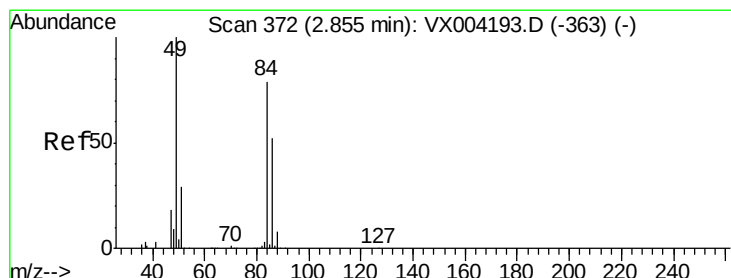
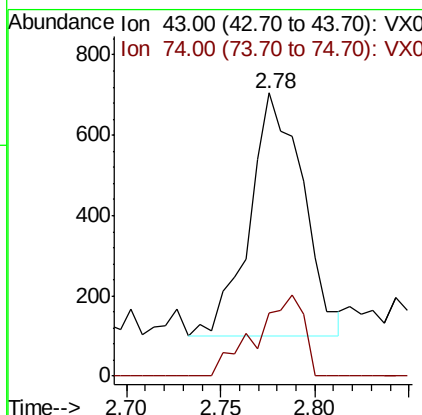
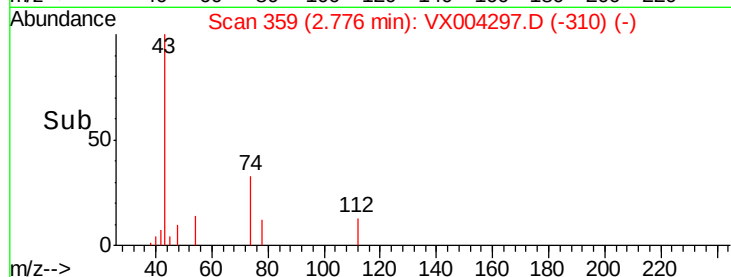
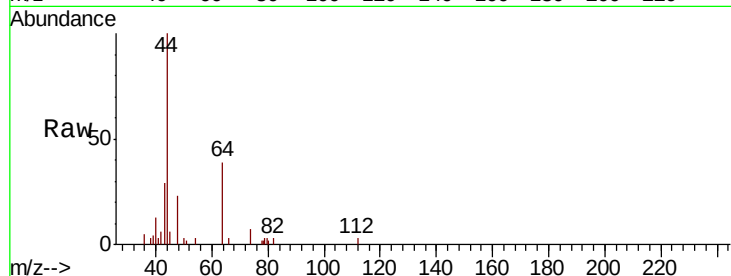




#18  
Methvl Acetate  
Concen: 0.24 ug/l  
RT: 2.78 min Scan# 359  
Delta R.T. -0.00 min  
Lab File: VX004297.D  
Acq: 29 Aug 2018 17:11

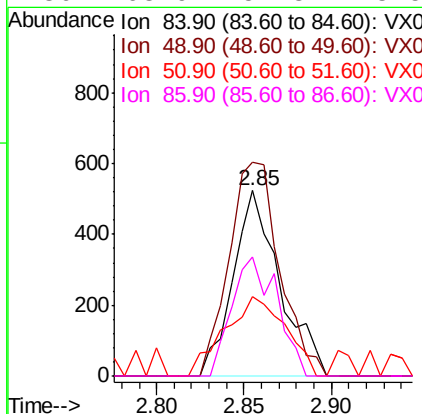
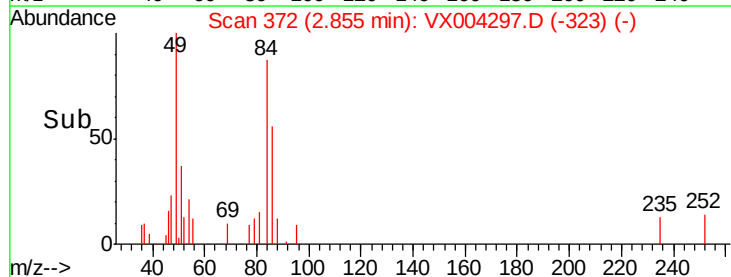
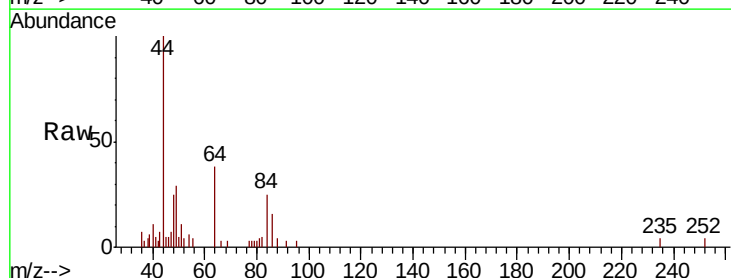
Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW09S-M12W4-082318

Tot Ion: 43 Resp: 1192  
Ion Ratio Lower Upper  
43 100  
74 29.7 19.4 29.2#

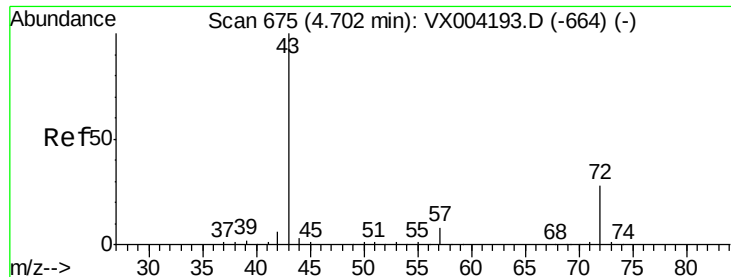


#20  
Methylene Chloride  
Concen: 0.30 ug/l  
RT: 2.85 min Scan# 372  
Delta R.T. -0.00 min  
Lab File: VX004297.D  
Acq: 29 Aug 2018 17:11

Tgt Ion: 84 Resp: 976  
Ion Ratio Lower Upper  
84 100  
49 115.1 101.2 151.8  
51 42.6 29.5 44.3  
86 63.9 52.3 78.5







#25

2-Butanone

Concen: Below Cal

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004297.D

Acq: 29 Aug 2018 17:11

Instrument :

MSVOA\_X

ClientSampleId :

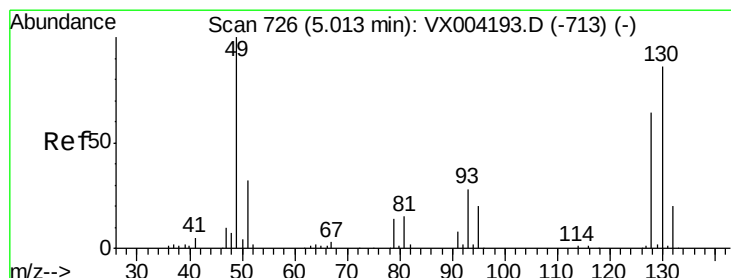
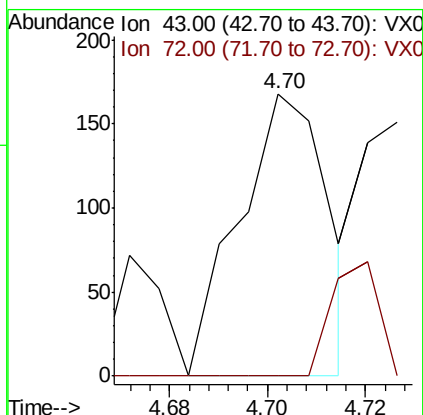
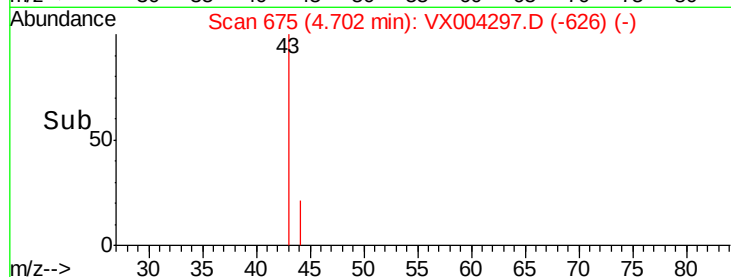
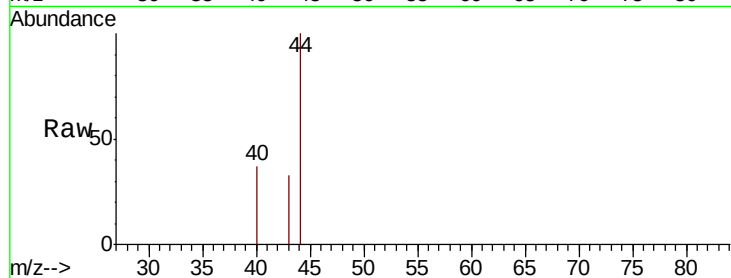
CPA-CPMW09S-M12W4-082318

Tot Ion: 43 Resp: 211

Ion Ratio Lower Upper

43 100

72 0.0 22.0 33.0#



#28

Bromochloromethane

Concen: 0.27 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.21 min

Lab File: VX004297.D

Acq: 29 Aug 2018 17:11

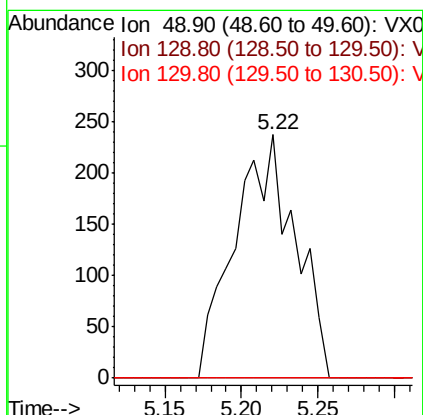
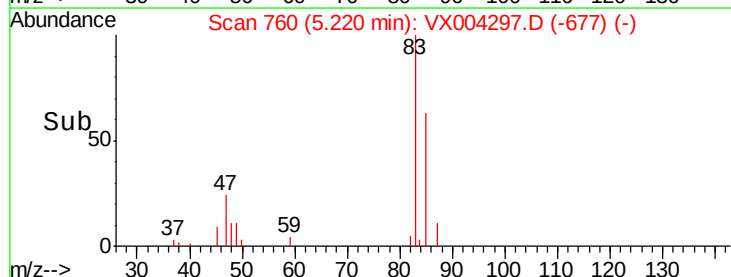
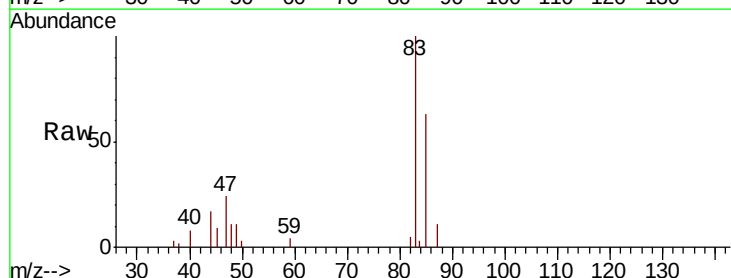
Tgt Ion: 49 Resp: 655

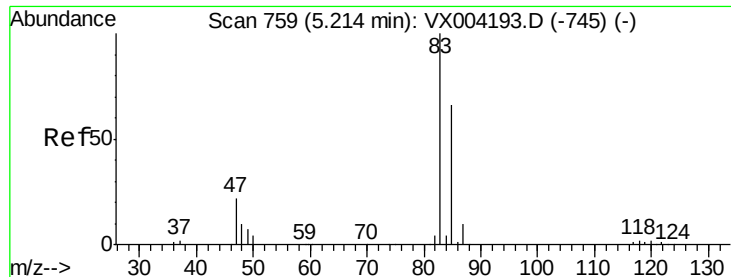
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 67.5 101.3#

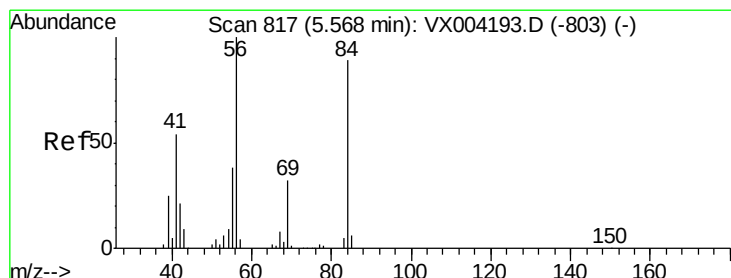
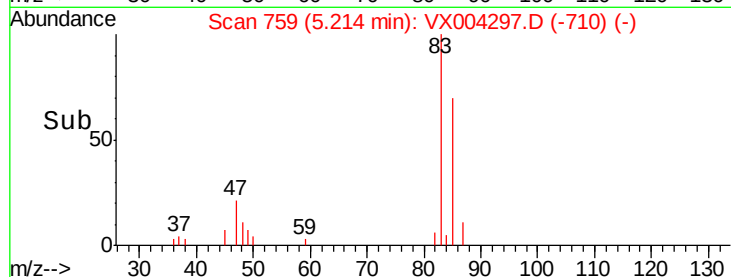
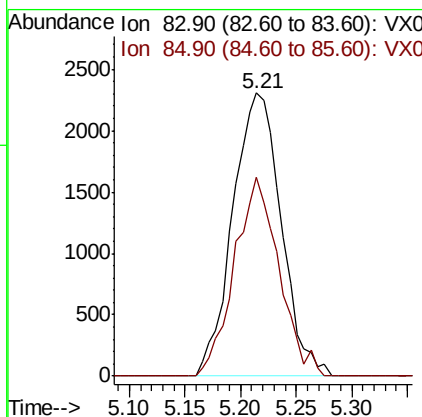
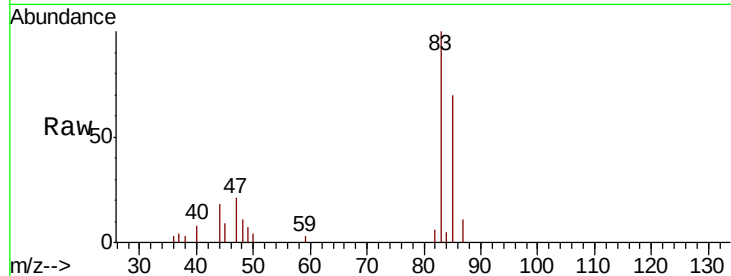




#30  
Chloroform  
Concen: 1.25 ug/l  
RT: 5.21 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX004297.D  
Acq: 29 Aug 2018 17:11

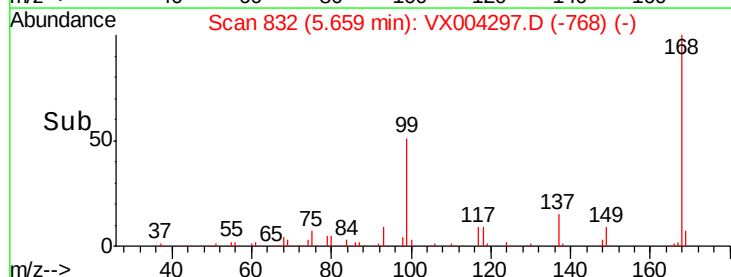
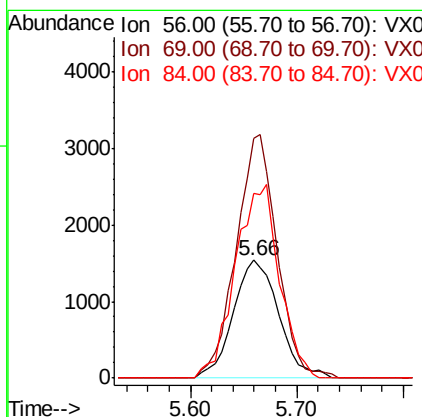
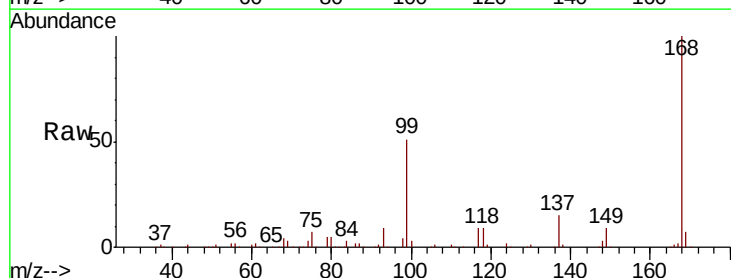
Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW09S-M12W4-082318

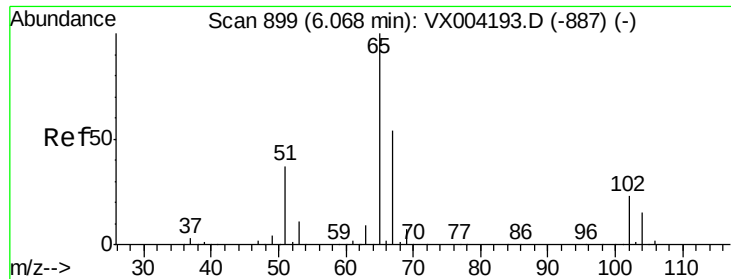
Tot Ion: 83 Resp: 6965  
Ion Ratio Lower Upper  
83 100  
85 70.4 52.6 79.0



#31  
Cyclohexane  
Concen: 0.96 ug/l  
RT: 5.66 min Scan# 832  
Delta R.T. 0.09 min  
Lab File: VX004297.D  
Acq: 29 Aug 2018 17:11

Tgt Ion: 56 Resp: 4611  
Ion Ratio Lower Upper  
56 100  
69 203.8 25.4 38.2#  
84 156.6 71.4 107.2#

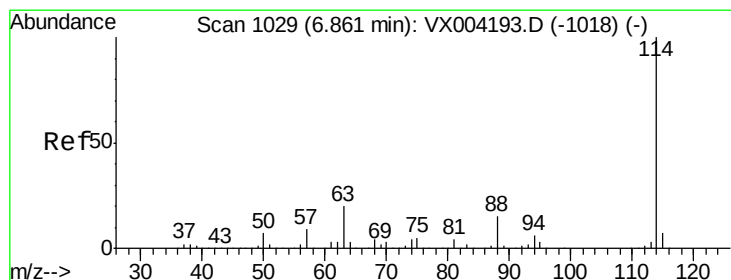
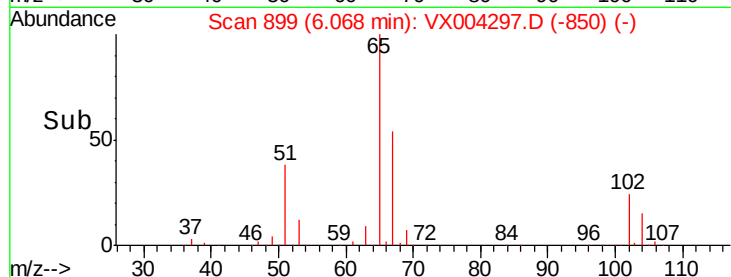
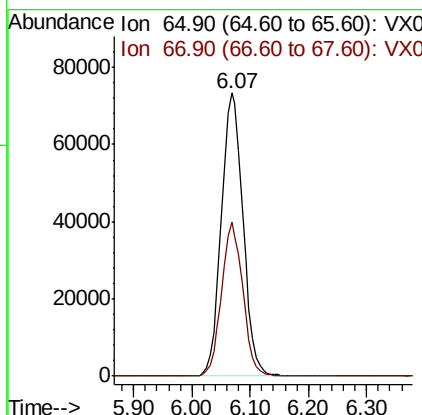
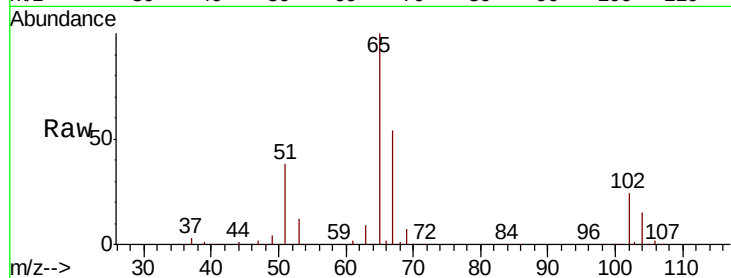




#33  
 1,2-Dichloroethane-d4  
 Concen: 55.45 ug/l  
 RT: 6.07 min Scan# 899  
 Delta R.T. -0.00 min  
 Lab File: VX004297.D  
 Acq: 29 Aug 2018 17:11

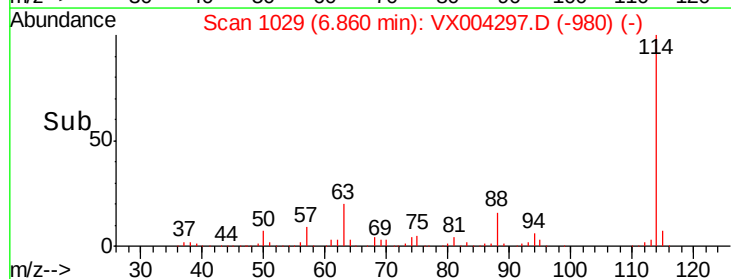
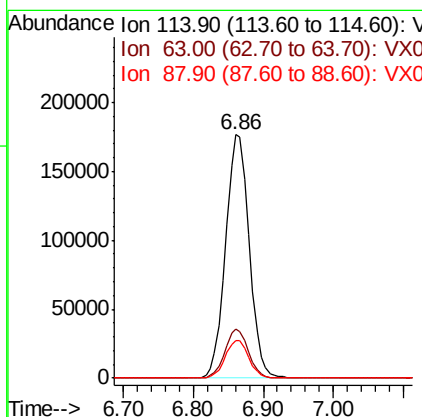
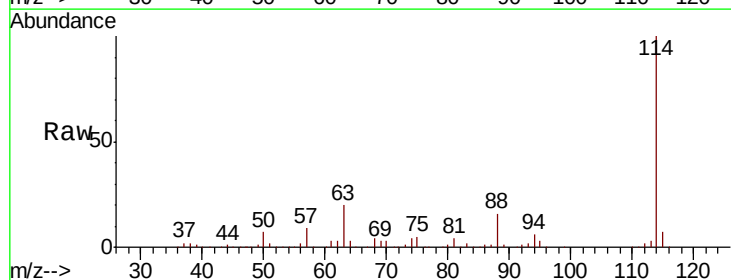
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW09S-M12W4-082318

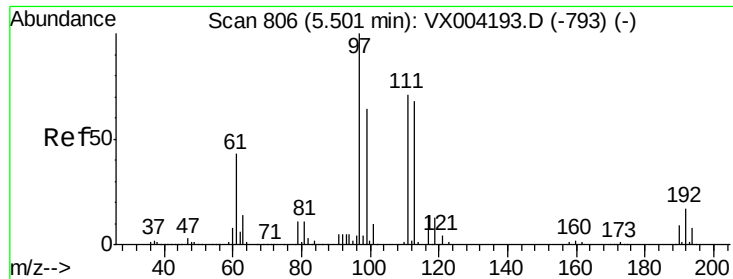
Tot Ion: 65 Resp: 189517  
 Ion Ratio Lower Upper  
 65 100  
 67 53.1 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.86 min Scan# 1029  
 Delta R.T. -0.00 min  
 Lab File: VX004297.D  
 Acq: 29 Aug 2018 17:11

Tgt Ion: 114 Resp: 414147  
 Ion Ratio Lower Upper  
 114 100  
 63 20.2 0.0 39.0  
 88 15.5 0.0 30.4

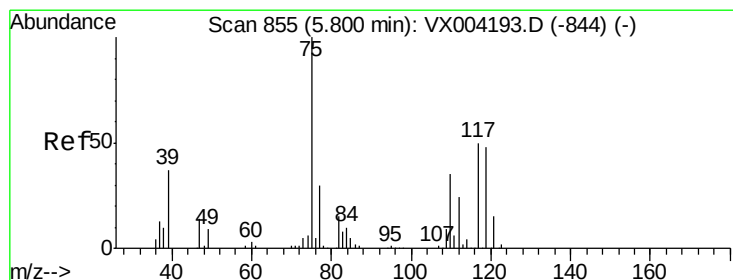
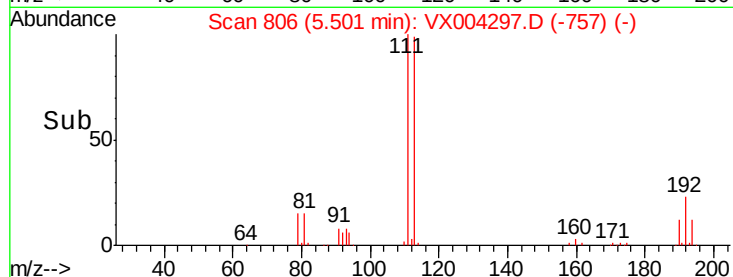
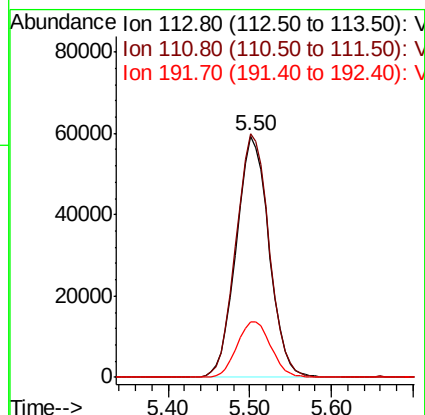
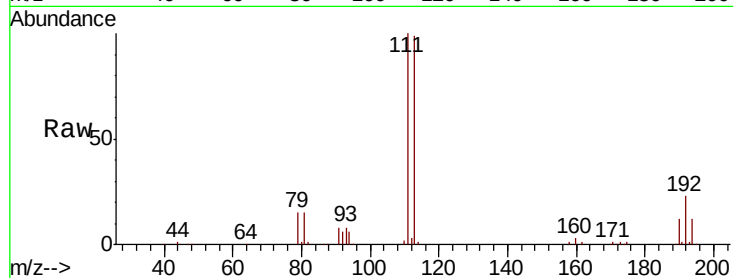




#35  
 Dibromofluoromethane  
 Concen: 53.44 ug/l  
 RT: 5.50 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX004297.D  
 Acq: 29 Aug 2018 17:11

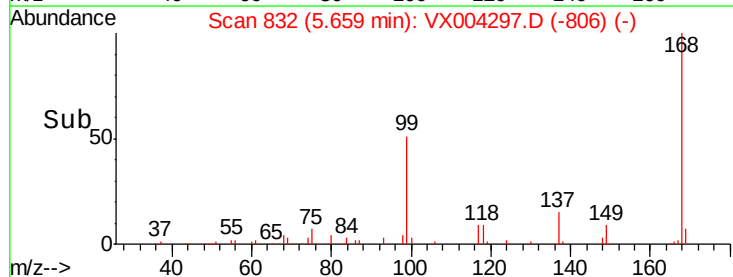
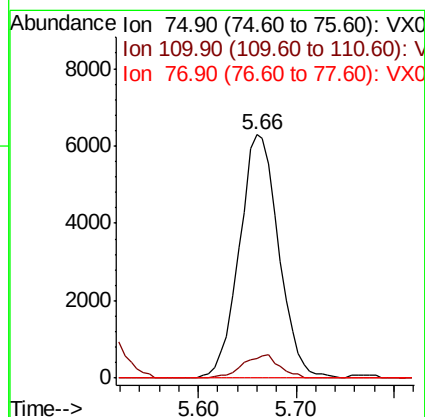
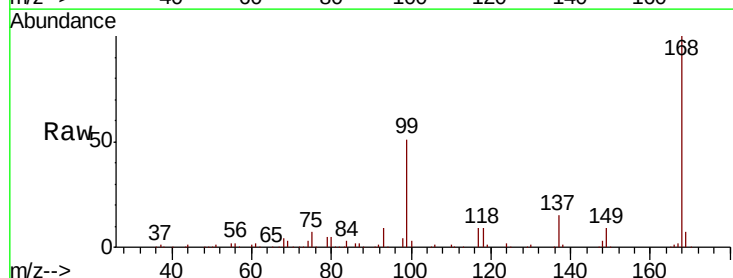
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW09S-M12W4-082318

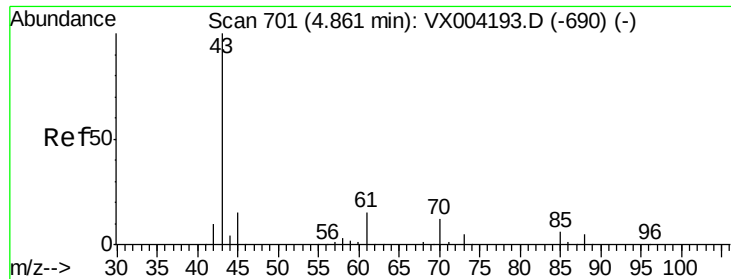
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 82.4  | 123.6 |
| 192     | 23.9  | 19.4  | 29.2  |



#36  
 1,1-Dichloropropene  
 Concen: 3.77 ug/l  
 RT: 5.66 min Scan# 832  
 Delta R.T. -0.14 min  
 Lab File: VX004297.D  
 Acq: 29 Aug 2018 17:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 8.9   | 18.0  | 54.0# |
| 77      | 0.0   | 24.6  | 36.8# |





#37

Ethyl Acetate

Concen: 0.51 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.00 min

Lab File: VX004297.D

Acq: 29 Aug 2018 17:11

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW09S-M12W4-082318

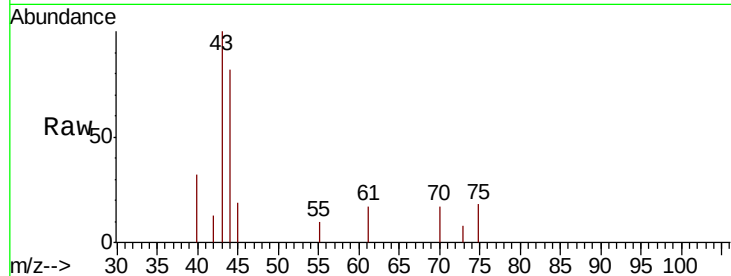
Tot Ion: 43 Resp: 2325

Ion Ratio Lower Upper

43 100

61 6.2 11.5 17.3#

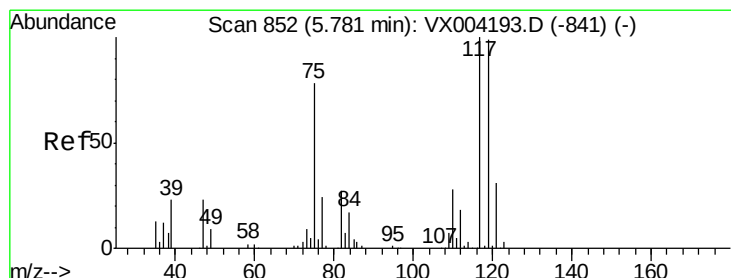
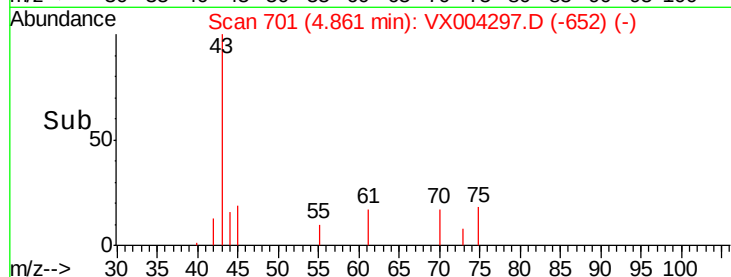
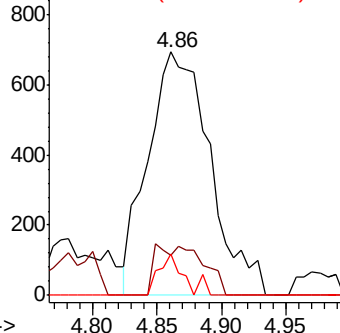
70 7.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.19 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX004297.D

Acq: 29 Aug 2018 17:11

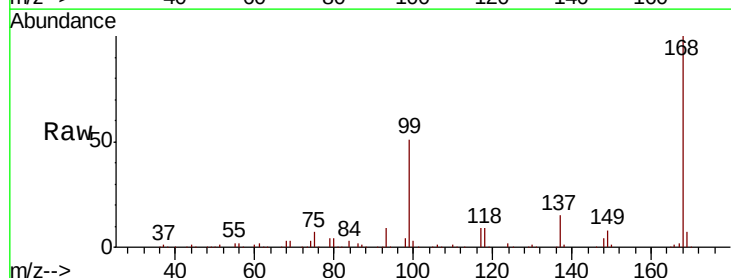
Tgt Ion: 117 Resp: 22713

Ion Ratio Lower Upper

117 100

119 5.7 78.8 118.2#

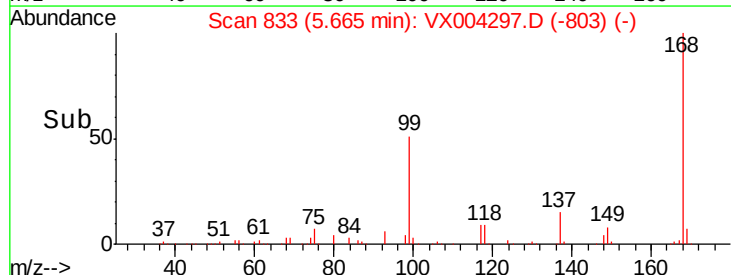
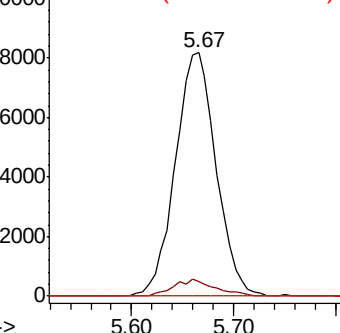
121 0.0 24.9 37.3#

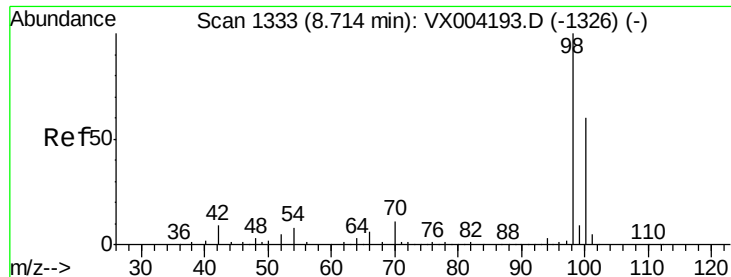


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

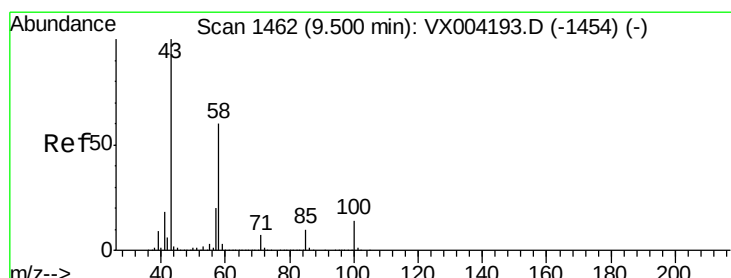
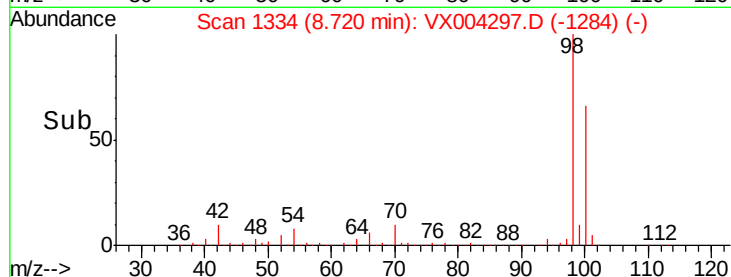
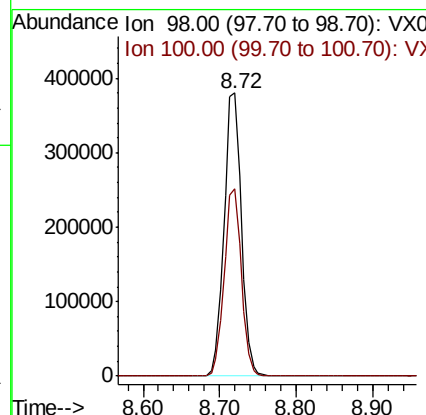
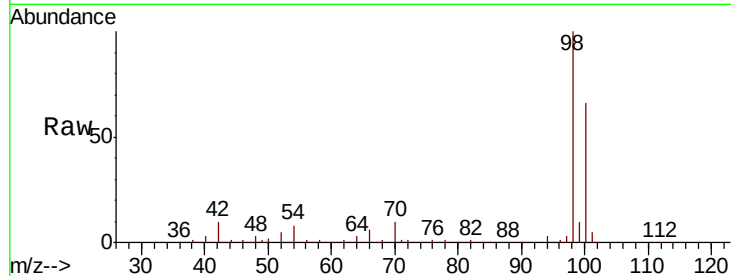




#50  
Toluene-d8  
Concen: 51.23 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.01 min  
Lab File: VX004297.D  
Acq: 29 Aug 2018 17:11

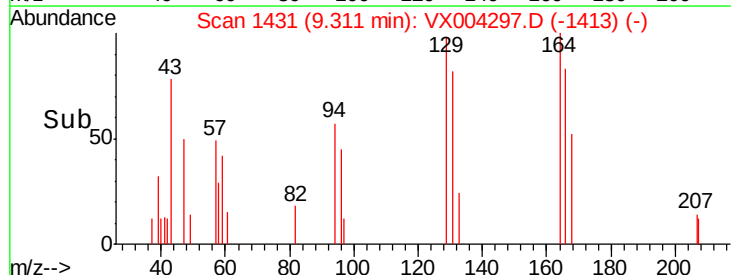
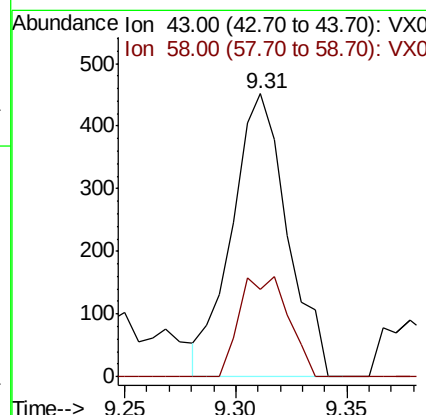
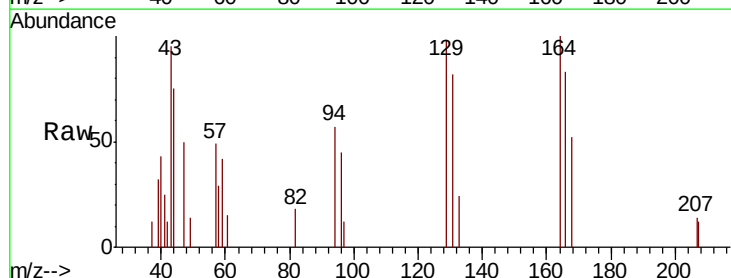
Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW09S-M12W4-082318

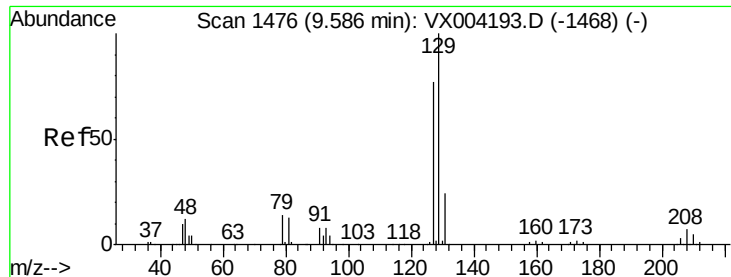
Tot Ion: 98 Resp: 595800  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.9 79.3



#59  
2-Hexanone  
Concen: 0.20 ug/l  
RT: 9.31 min Scan# 1431  
Delta R.T. -0.19 min  
Lab File: VX004297.D  
Acq: 29 Aug 2018 17:11

Tgt Ion: 43 Resp: 784  
Ion Ratio Lower Upper  
43 100  
58 31.1 29.0 87.0





#60

Dibromochloromethane

Concen: 5.82 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.25 min

Lab File: VX004297.D

Acq: 29 Aug 2018 17:11

Instrument :

MSVOA\_X

ClientSampleId :

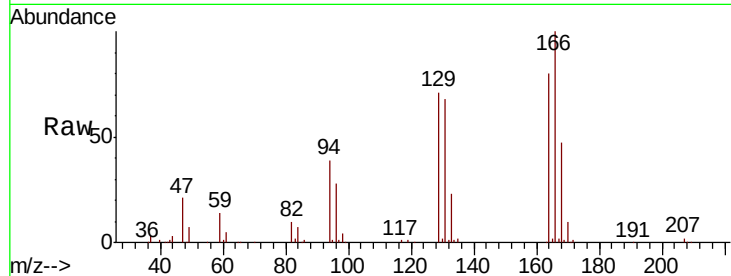
CPA-CPMW09S-M12W4-082318

Tot Ion:129 Resp: 19929

Ion Ratio Lower Upper

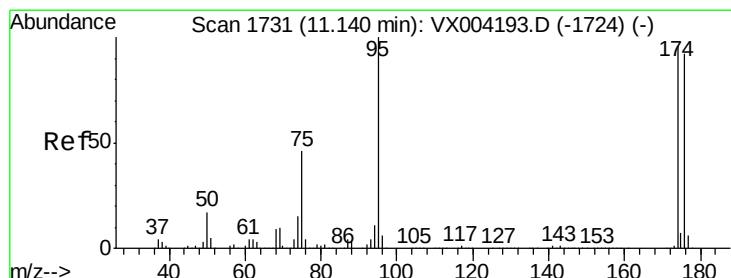
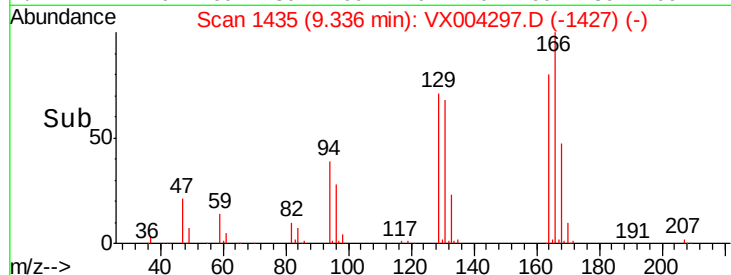
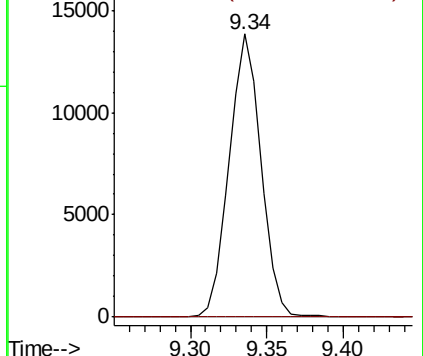
129 100

127 0.0 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 47.47 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004297.D

Acq: 29 Aug 2018 17:11

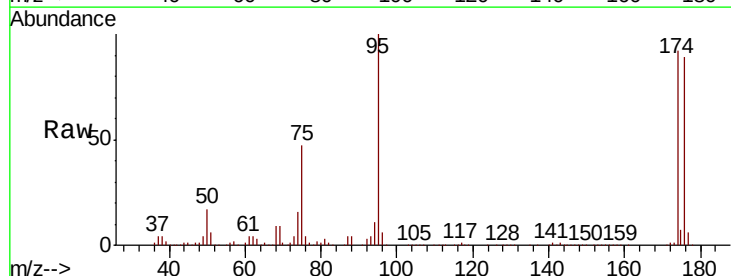
Tgt Ion: 95 Resp: 205983

Ion Ratio Lower Upper

95 100

174 92.9 0.0 185.2

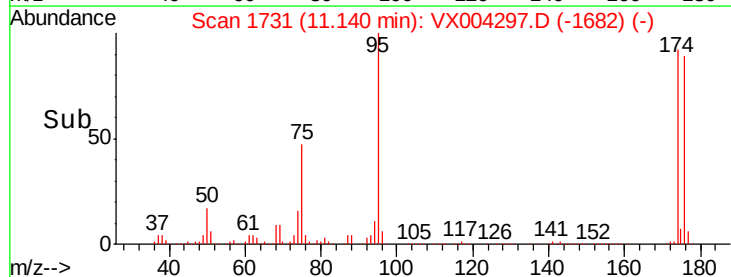
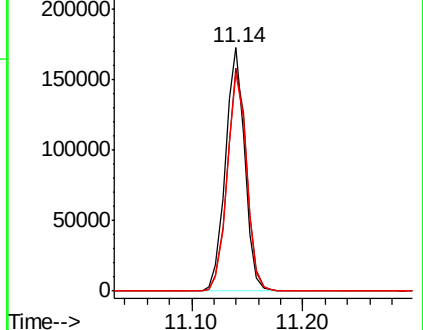
176 90.4 0.0 178.6

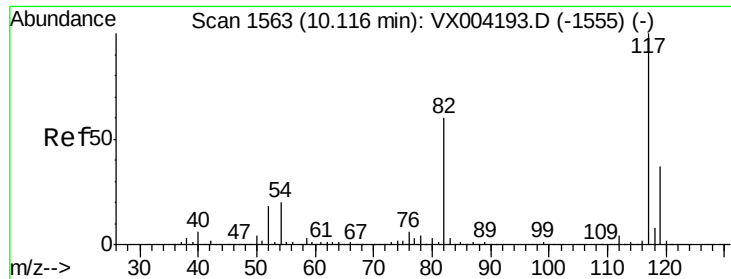


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

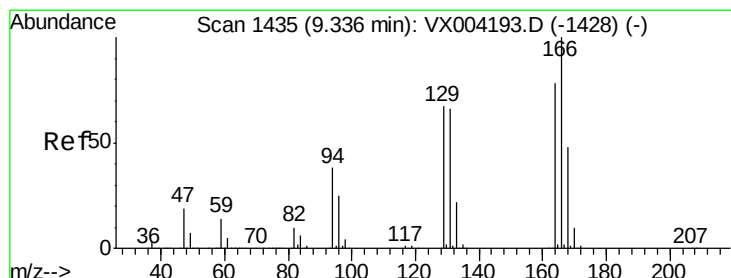
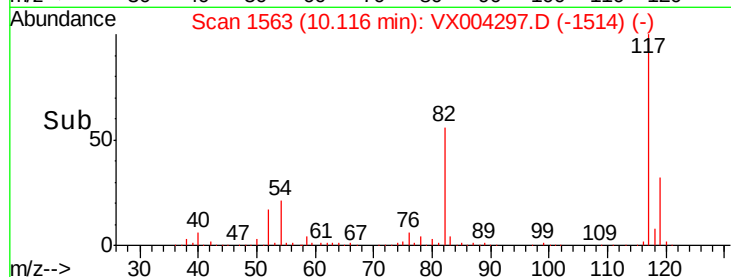
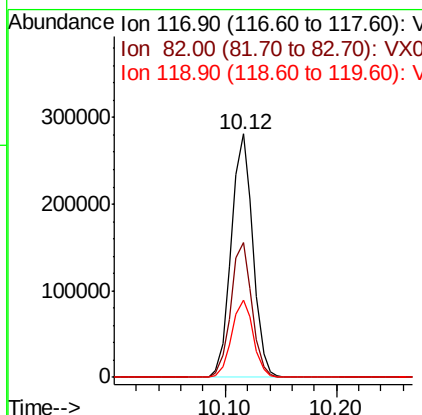
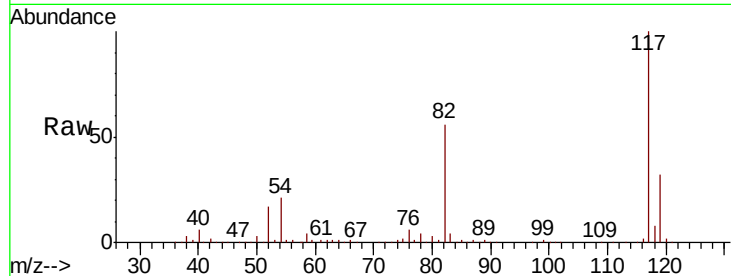




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX004297.D  
Acq: 29 Aug 2018 17:11

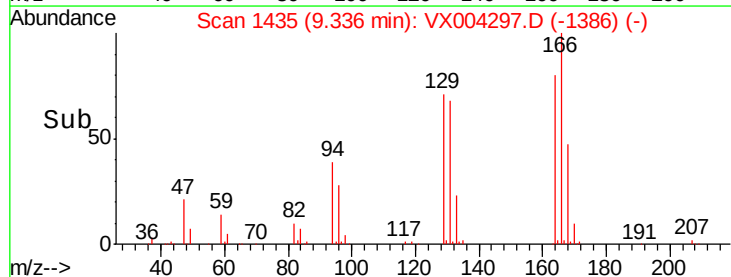
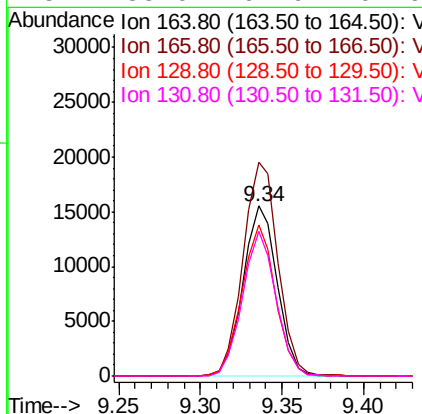
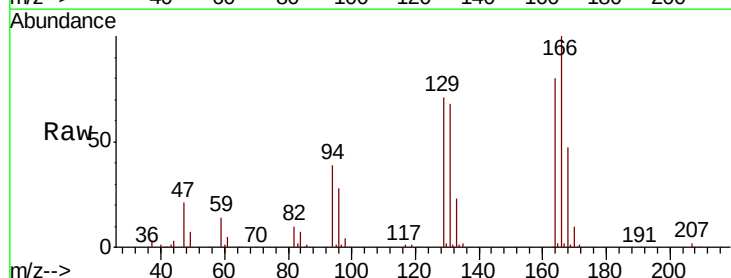
Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW09S-M12W4-082318

Tot Ion:117 Resp: 376350  
Ion Ratio Lower Upper  
117 100  
82 55.5 47.8 71.6  
119 31.7 29.3 43.9

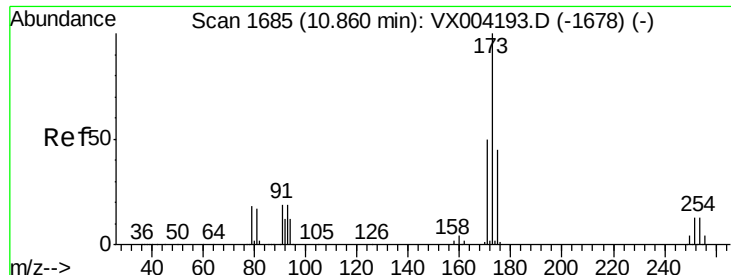


#64  
Tetrachloroethene  
Concen: 6.09 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. -0.00 min  
Lab File: VX004297.D  
Acq: 29 Aug 2018 17:11

Tgt Ion:164 Resp: 22626  
Ion Ratio Lower Upper  
164 100  
166 125.6 102.8 154.2  
129 89.1 69.4 104.0  
131 85.0 67.9 101.9



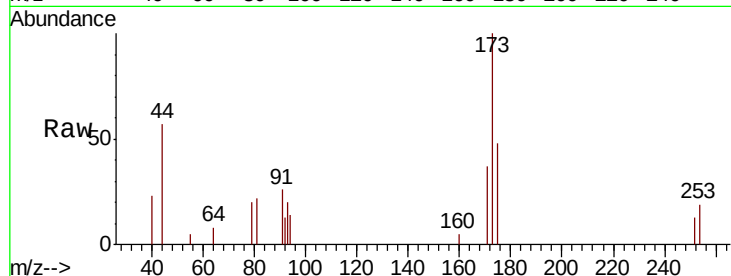




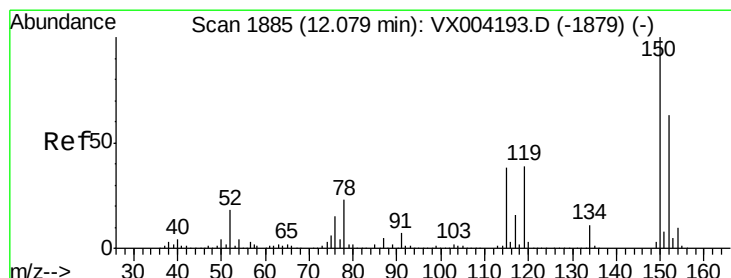
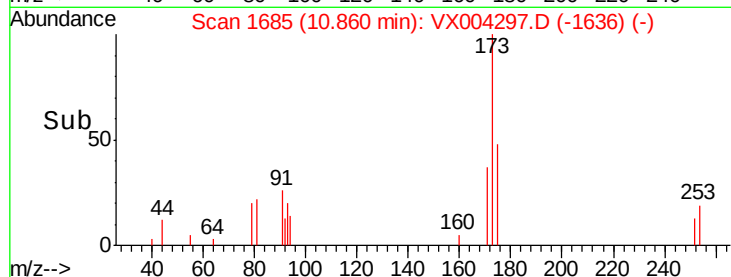
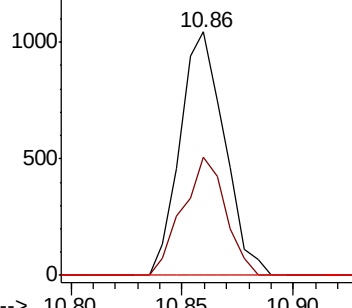
#71  
Bromoform  
Concen: 0.55 ug/l  
RT: 10.86 min Scan# 1685  
Delta R.T. -0.00 min  
Lab File: VX004297.D  
Acq: 29 Aug 2018 17:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW09S-M12W4-082318

Tot Ion:173 Resp: 1451  
Ion Ratio Lower Upper  
173 100  
175 47.0 24.1 72.3  
254 0.0 0.2 0.2#

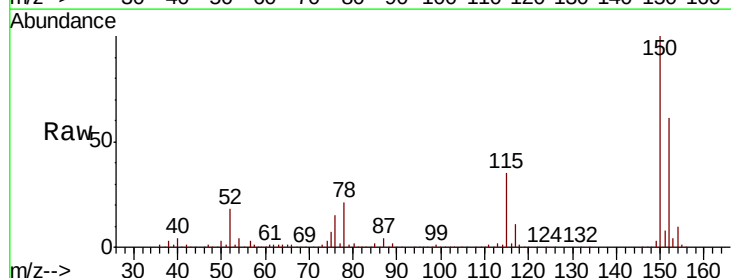


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

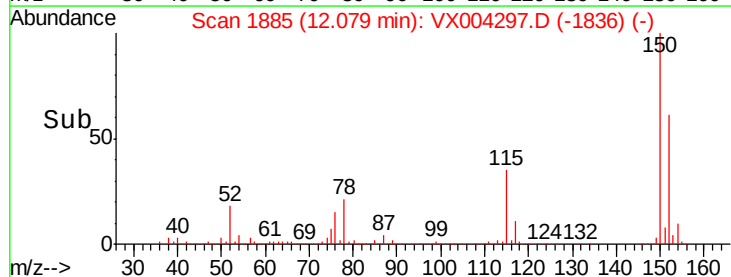
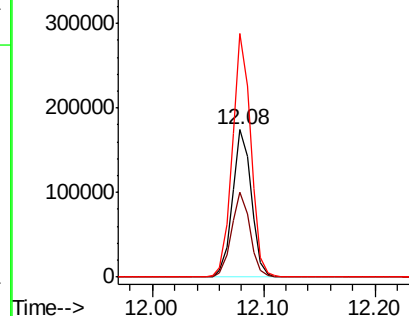


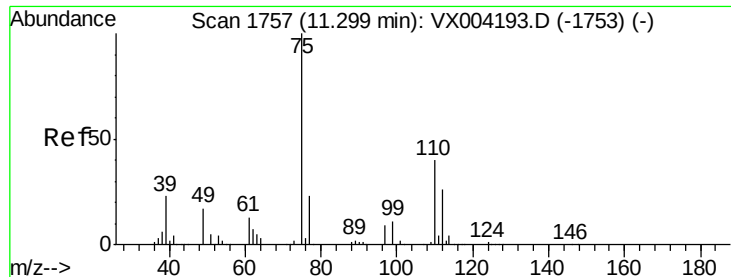
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.08 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX004297.D  
Acq: 29 Aug 2018 17:11

Tgt Ion:152 Resp: 202545  
Ion Ratio Lower Upper  
152 100  
115 56.6 39.0 117.0  
150 161.8 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.92 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004297.D

Acq: 29 Aug 2018 17:11

Instrument :

MSVOA\_X

ClientSampleId :

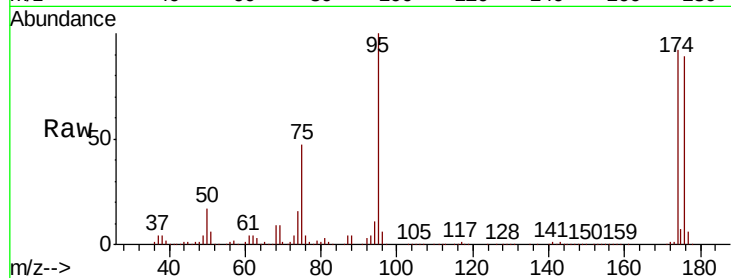
CPA-CPMW09S-M12W4-082318

Tot Ion: 75 Resp: 98535

Ion Ratio Lower Upper

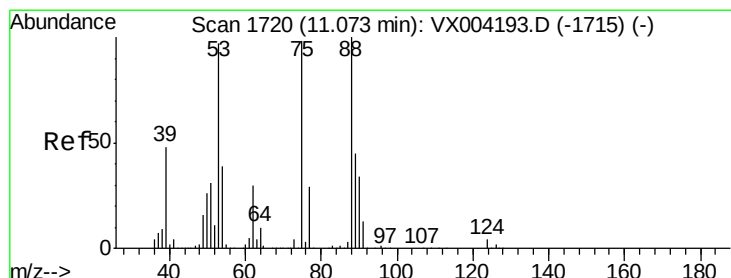
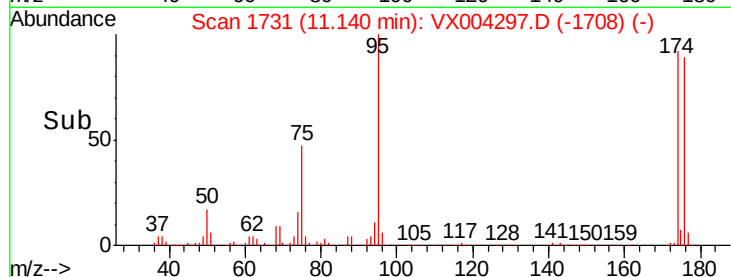
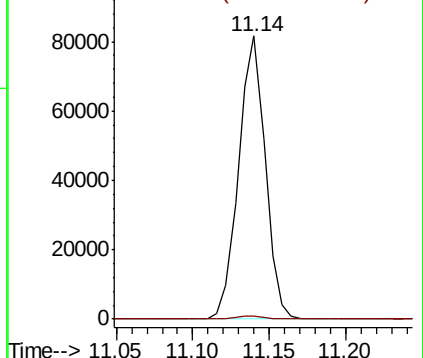
75 100

77 1.2 20.2 60.6#



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: 77.61 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.07 min

Lab File: VX004297.D

Acq: 29 Aug 2018 17:11

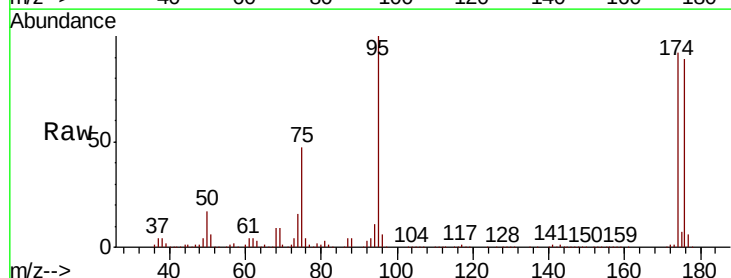
Tgt Ion: 75 Resp: 98535

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

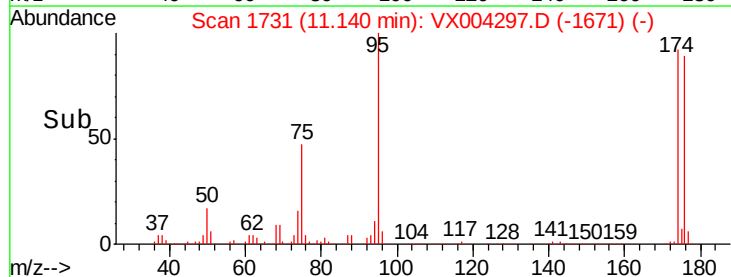
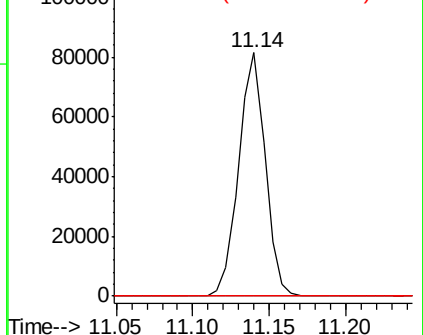
89 0.0 37.2 55.8#

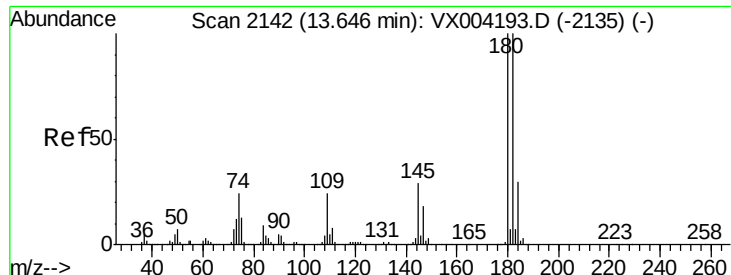


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.67 ug/l  
 RT: 13.65 min Scan# 2142  
 Delta R.T. -0.00 min  
 Lab File: VX004297.D  
 Acq: 29 Aug 2018 17:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW09S-M12W4-082318

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.5  | 48.4  | 145.0 |
| 145     | 28.5  | 14.3  | 42.9  |

