

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX122619\  
 Data File : VX014279.D  
 Acq On : 26 Dec 2019 19:04  
 Operator : JC/SP  
 Sample : K6420-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-2

Quant Time: Dec 27 06:05:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 17 03:01:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 530714   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 826519   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 744941   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 333359   | 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   | 297343   | 49.43 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.86%  |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 242668   | 48.30 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.60%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 980070   | 50.10 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.20% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 336829   | 47.11 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.22%  |          |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 3) Chloromethane               | 1.33  | 50   | 1338     | 0.210   | ug/l   | 96     |
| 6) Chloroethane                | 1.72  | 64   | 929      | 0.224   | ug/l # | 65     |
| 8) Diethyl Ether               | 2.17  | 74   | 1180     | 0.302   | ug/l # | 2      |
| 9) 1,1,2-Trichlorotrifluoroet  | 2.38  | 101  | 283866   | 56.580  | ug/l   | 99     |
| 10) Methyl Iodide              | 2.51  | 142  | 365      | 2.673   | ug/l # | 76     |
| 11) Tert butyl alcohol         | 3.01  | 59   | 2869     | 2.207   | ug/l # | 73     |
| 13) Acrolein                   | 2.31  | 56   | 374      | 0.503   | ug/l # | 14     |
| 15) Acrylonitrile              | 3.15  | 53   | 2538     | 0.837   | ug/l # | 60     |
| 16) Acetone                    | 2.43  | 43   | 31097    | 7.963   | ug/l   | 100    |
| 17) Carbon Disulfide           | 2.56  | 76   | 2164     | 0.901   | ug/l # | 93     |
| 20) Methylene Chloride         | 2.85  | 84   | 1780     | 0.289   | ug/l # | 76     |
| 25) 2-Butanone                 | 4.67  | 43   | 3721     | 0.773   | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene     | 4.58  | 96   | 38777    | 6.096   | ug/l   | 88     |
| 28) Bromochloromethane         | 5.01  | 49   | 714      | 0.636   | ug/l # | 53     |
| 29) Tetrahydrofuran            | 5.15  | 42   | 1157     | 0.430   | ug/l # | 56     |
| 36) 1,1-Dichloropropene        | 5.65  | 75   | 34603    | 4.563   | ug/l # | 53     |
| 38) Carbon Tetrachloride       | 5.65  | 117  | 46455    | 6.724   | ug/l # | 17     |
| 44) Trichloroethene            | 7.21  | 130  | 955009   | 148.175 | ug/l   | 98     |
| 49) 1,4-Dioxane                | 7.96  | 88   | 346      | 2.505   | ug/l   | 91     |
| 55) 1,1,2-Trichloroethane      | 9.33  | 97   | 13872    | 2.347   | ug/l # | 1      |
| 60) Dibromochloromethane       | 9.33  | 129  | 1701881  | 289.642 | ug/l # | 11     |
| 64) Tetrachloroethene          | 9.33  | 164  | 1943781  | 294.878 | ug/l   | 98     |
| 67) Ethyl Benzene              | 10.25 | 91   | 13995    | 0.514   | ug/l   | 93     |
| 68) m/p-Xylenes                | 10.35 | 106  | 10217    | 0.976   | ug/l   | 100    |
| 69) o-Xylenes                  | 10.70 | 106  | 5873     | 0.572   | ug/l   | 79     |
| 70) Styrene                    | 10.71 | 104  | 24853    | 1.431   | ug/l   | 97     |
| 73) Isopropylbenzene           | 11.01 | 105  | 6339     | 0.270   | ug/l   | 86     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 160128   | 22.126  | ug/l # | 40     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 160128   | 62.451  | ug/l # | 11     |
| 85) sec-Butylbenzene           | 11.94 | 105  | 7490     | 0.330   | ug/l   | 86     |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 2385     | 0.207   | ug/l # | 25     |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 4462     | 0.392   | ug/l   | 99     |

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Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

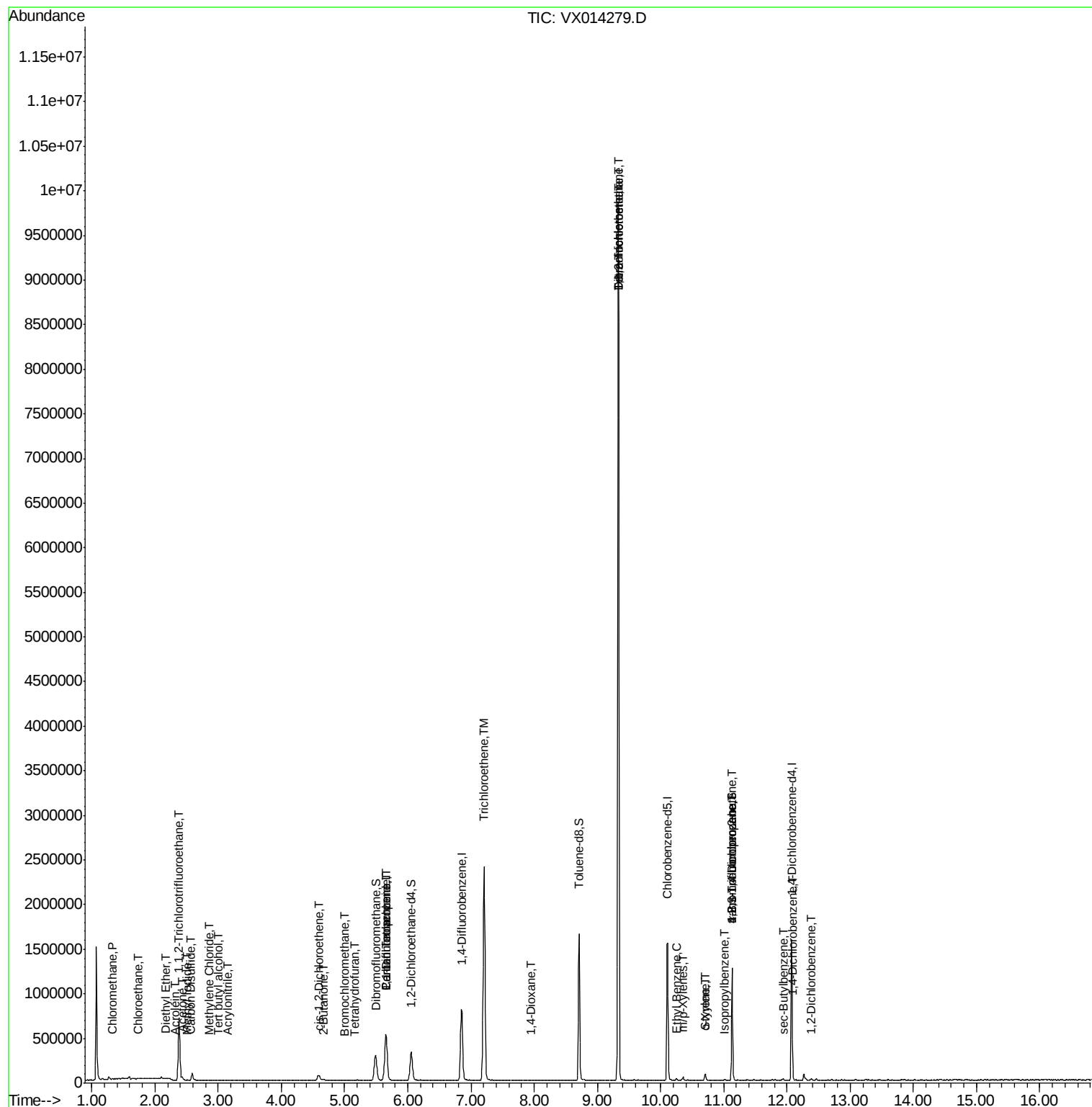
Quant Time: Dec 27 06:05:06 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 17 03:01:07 2019  
Response via : Initial Calibration

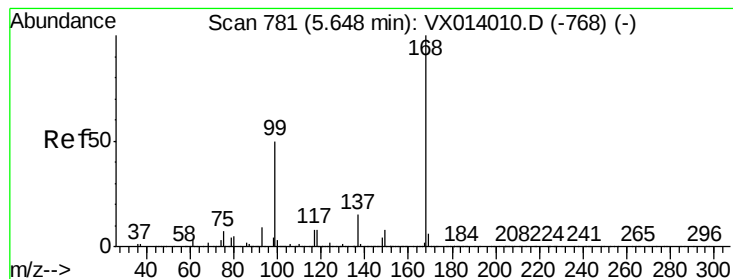
| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA\_X

ClientSampleId :

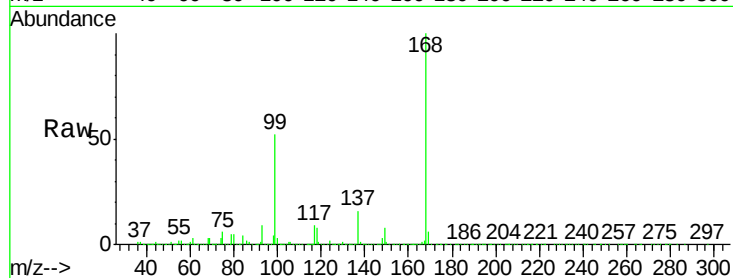
MW-2

Tgt Ion:168 Resp: 530714

Ion Ratio Lower Upper

168 100

99 51.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

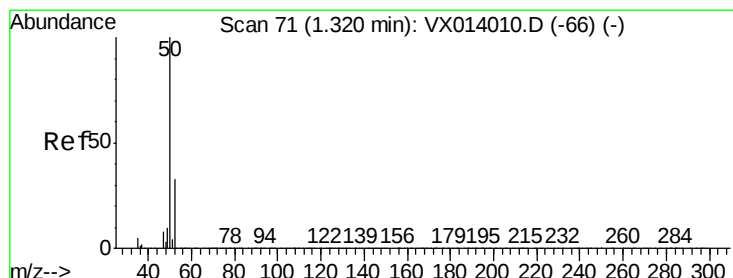
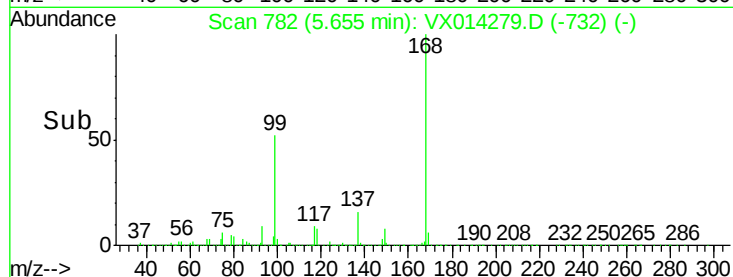
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.210 ug/l

RT: 1.33 min Scan# 72

Delta R.T. 0.01 min

Lab File: VX014279.D

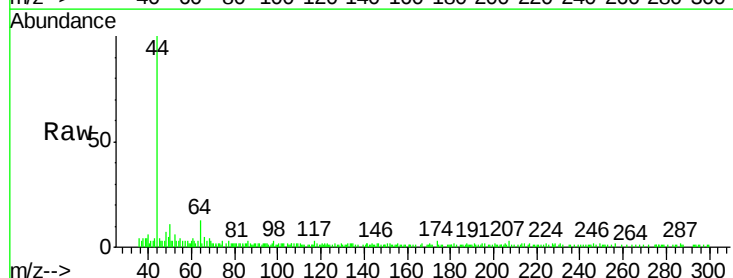
Acq: 26 Dec 2019 19:04

Tgt Ion: 50 Resp: 1338

Ion Ratio Lower Upper

50 100

52 35.1 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

1000

800

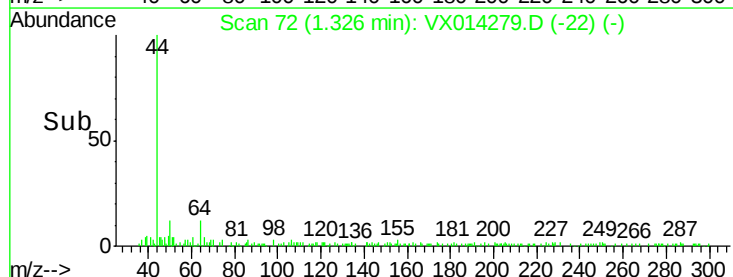
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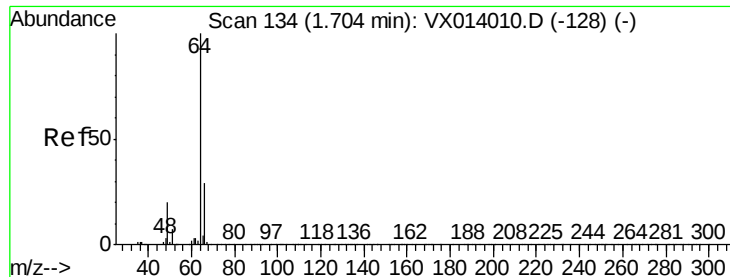
400

200

0

Time-->





#6

Chloroethane

Concen: 0.224 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA\_X

ClientSampleId :

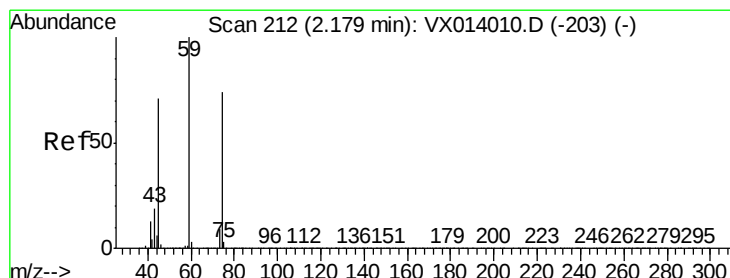
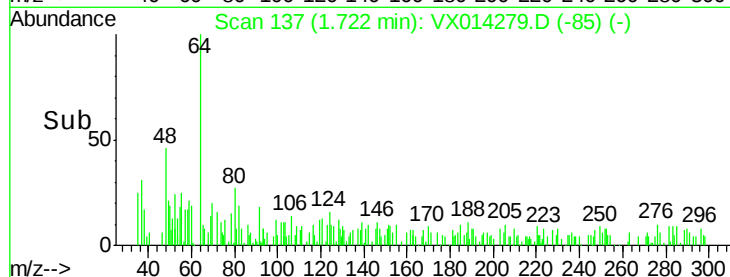
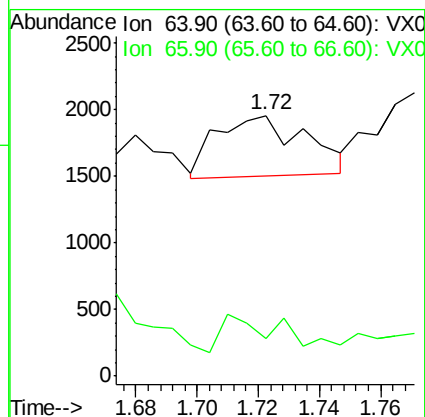
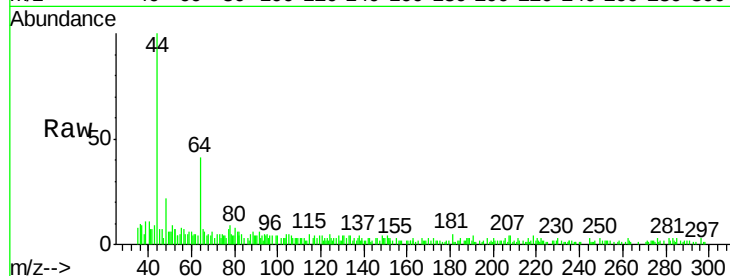
MW-2

Tgt Ion: 64 Resp: 929

Ion Ratio Lower Upper

64 100

66 10.8 23.4 35.2#



#8

Diethyl Ether

Concen: 0.302 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX014279.D

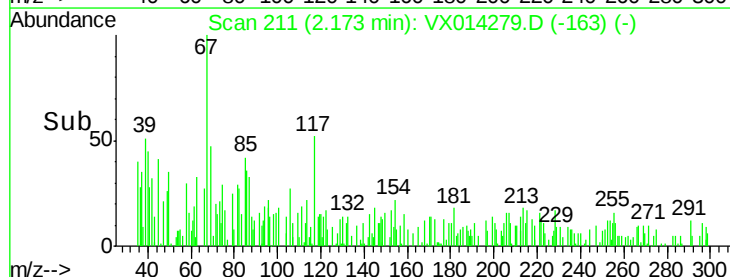
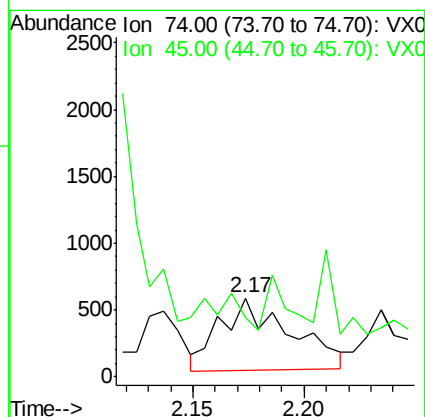
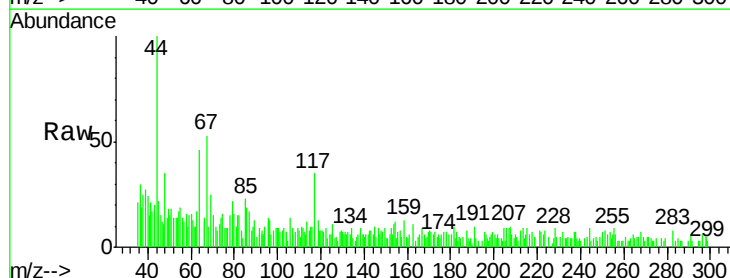
Acq: 26 Dec 2019 19:04

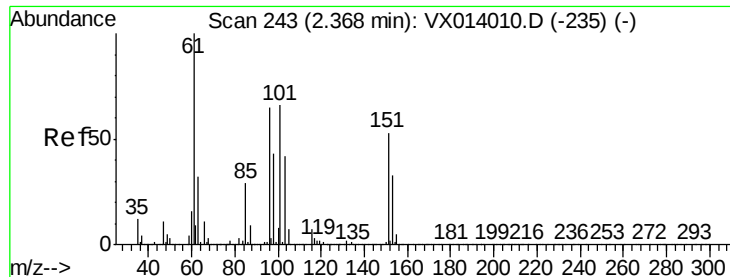
Tgt Ion: 74 Resp: 1180

Ion Ratio Lower Upper

74 100

45 0.0 48.1 144.3#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.580 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

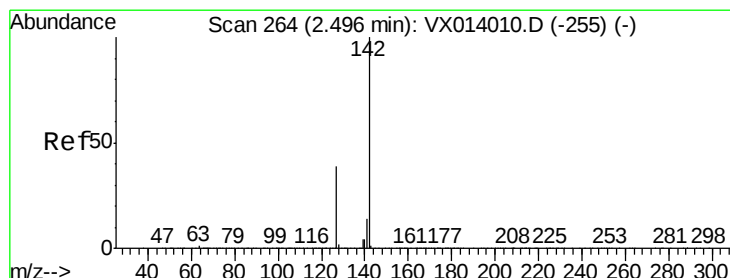
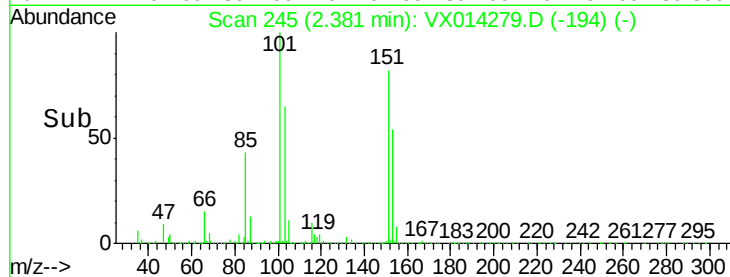
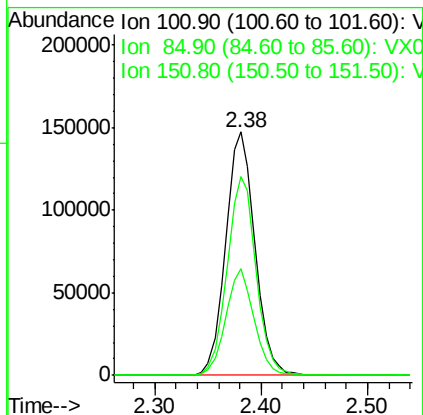
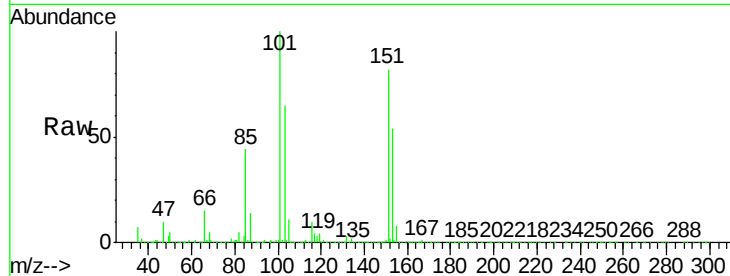
Instrument :

MSVOA\_X

ClientSampleId :

MW-2

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 101   | Resp: | 283866 |
| Ion      | Ratio | Lower | Upper  |
| 101      | 100   |       |        |
| 85       | 42.6  | 33.7  | 50.5   |
| 151      | 80.9  | 64.5  | 96.7   |



#10

Methyl Iodide

Concen: 2.673 ug/l

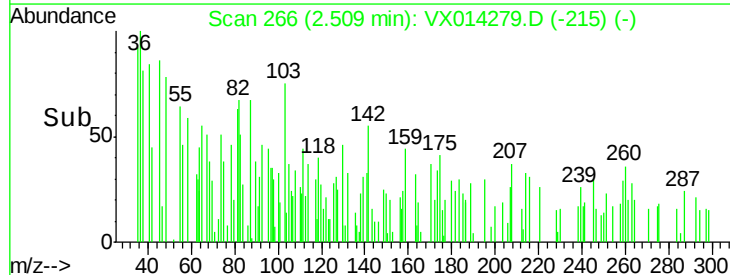
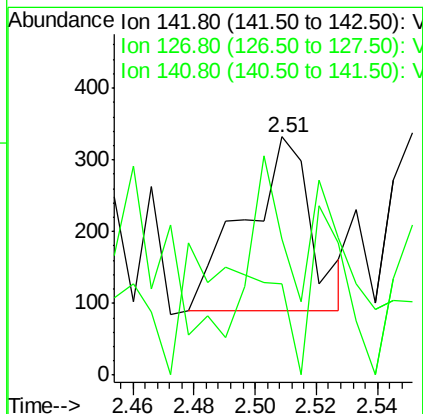
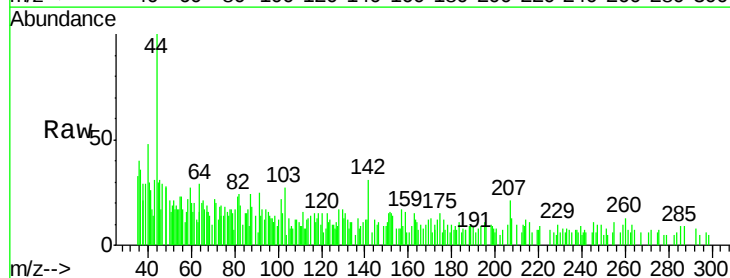
RT: 2.51 min Scan# 266

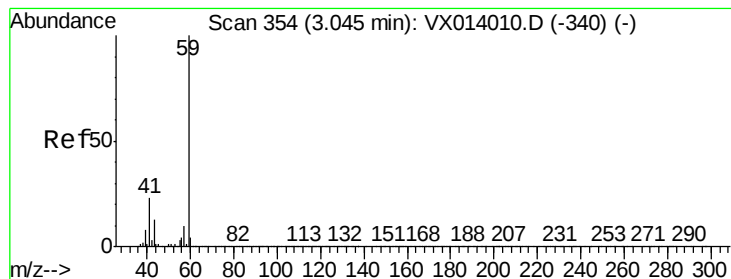
Delta R.T. 0.01 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 365   |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 51.5  | 31.6  | 47.4# |
| 141      | 0.0   | 11.6  | 17.4# |



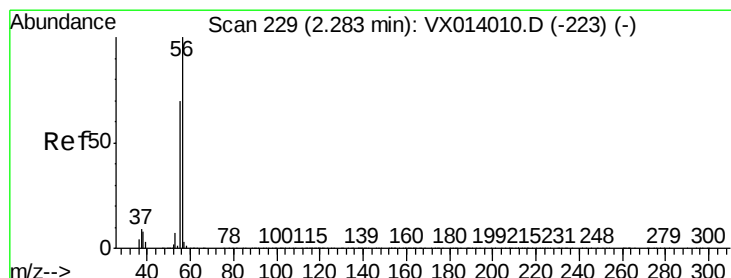
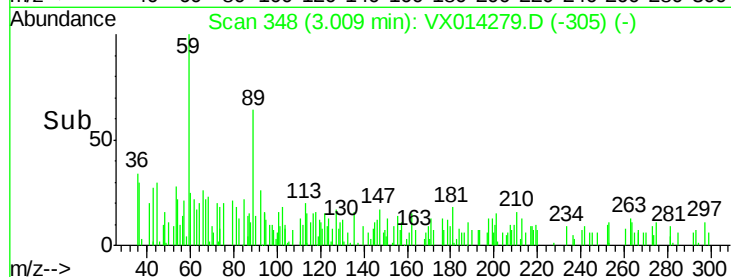
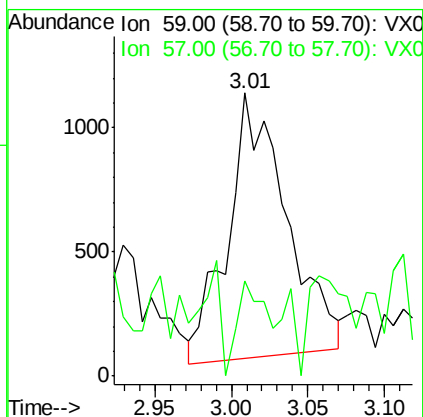
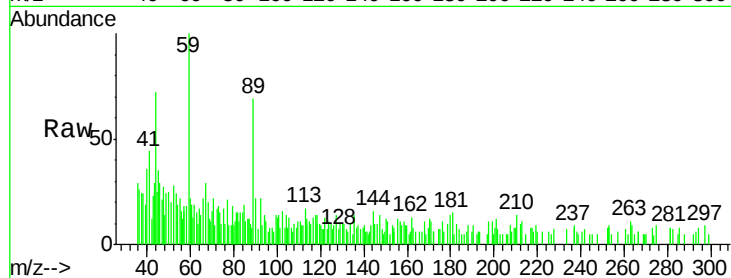


#11

Tert butyl alcohol  
 Concen: 2.207 ug/l  
 RT: 3.01 min Scan# 348  
 Delta R.T. -0.04 min  
 Lab File: VX014279.D  
 Acq: 26 Dec 2019 19:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-2

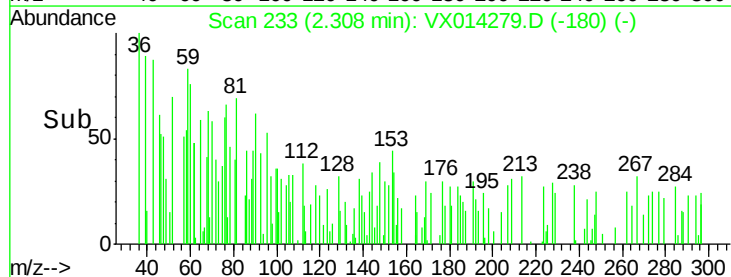
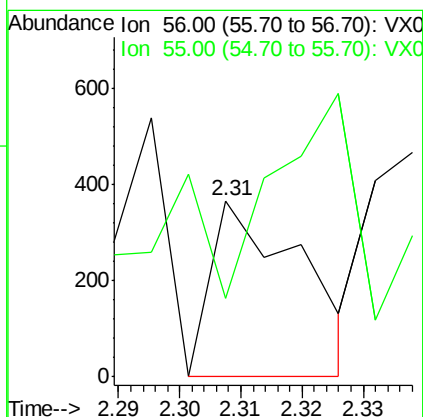
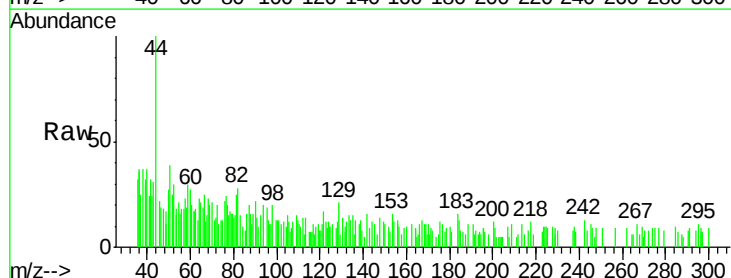
Tgt Ion: 59 Resp: 2869  
 Ion Ratio Lower Upper  
 59 100  
 57 20.5 8.4 12.6#

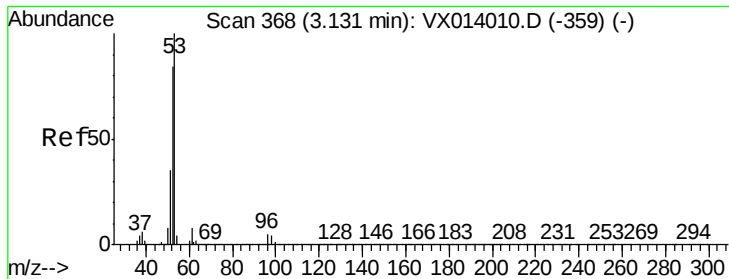


#13

Acrolein  
 Concen: 0.503 ug/l  
 RT: 2.31 min Scan# 233  
 Delta R.T. 0.02 min  
 Lab File: VX014279.D  
 Acq: 26 Dec 2019 19:04

Tgt Ion: 56 Resp: 374  
 Ion Ratio Lower Upper  
 56 100  
 55 0.0 56.9 85.3#





#15

Acrylonitrile

Concen: 0.837 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.02 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA\_X

ClientSampled :

MW-2

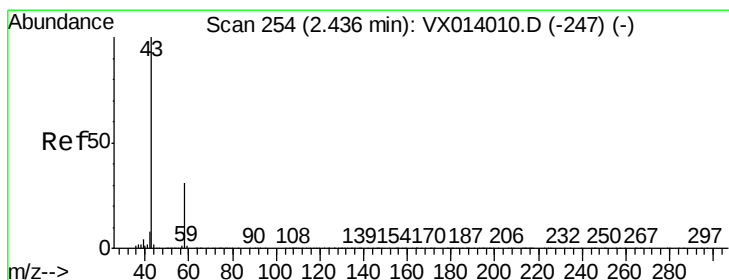
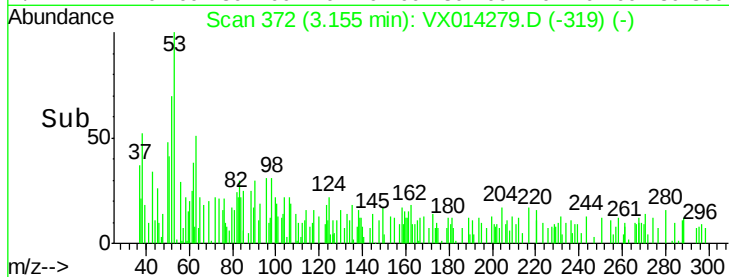
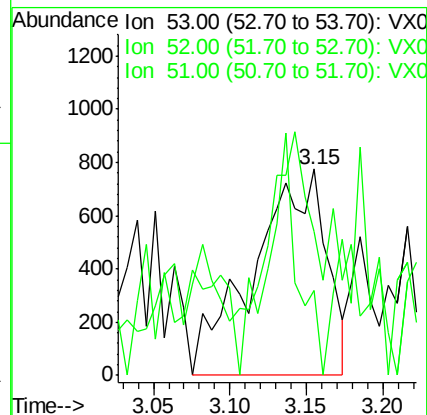
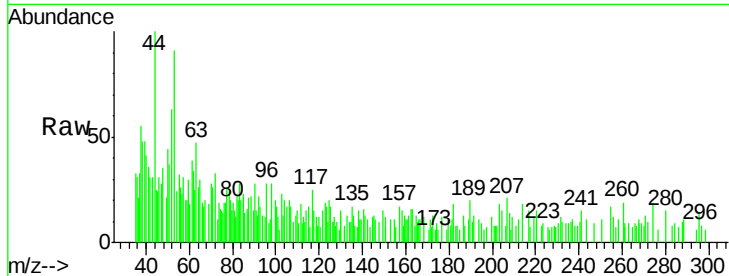
Tgt Ion: 53 Resp: 2538

Ion Ratio Lower Upper

53 100

52 41.1 66.5 99.7#

51 49.1 28.1 42.1#



#16

Acetone

Concen: 7.963 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014279.D

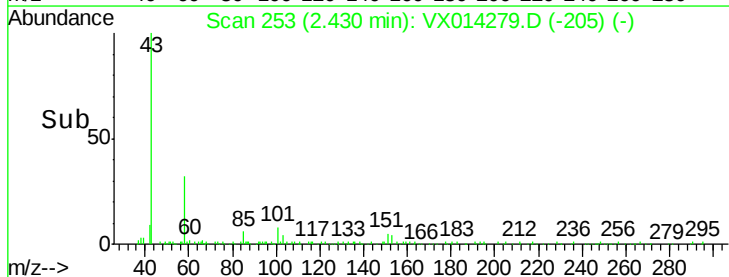
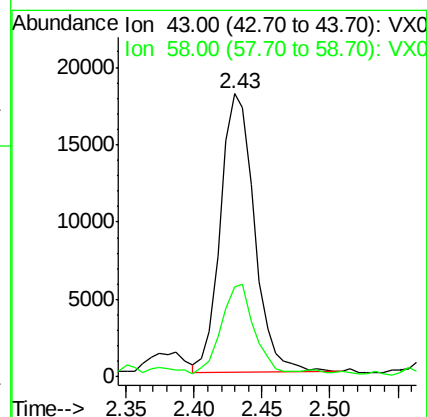
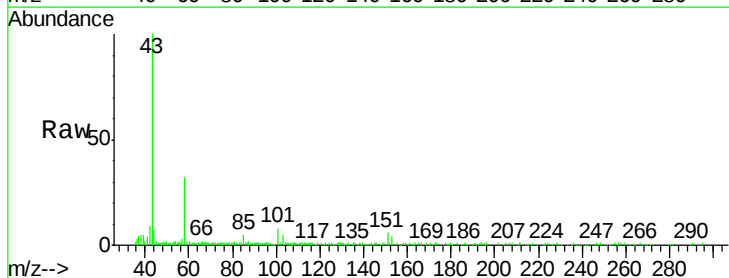
Acq: 26 Dec 2019 19:04

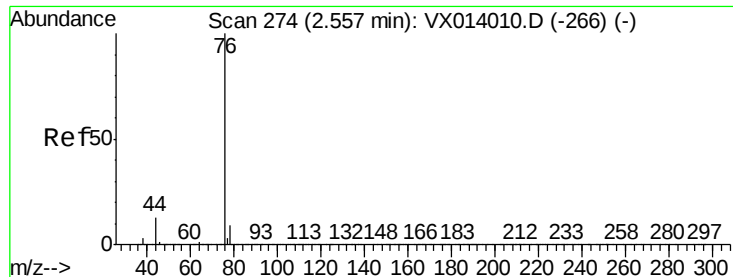
Tgt Ion: 43 Resp: 31097

Ion Ratio Lower Upper

43 100

58 31.4 24.9 37.3





#17

Carbon Disulfide

Concen: 0.901 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA\_X

ClientSampled :

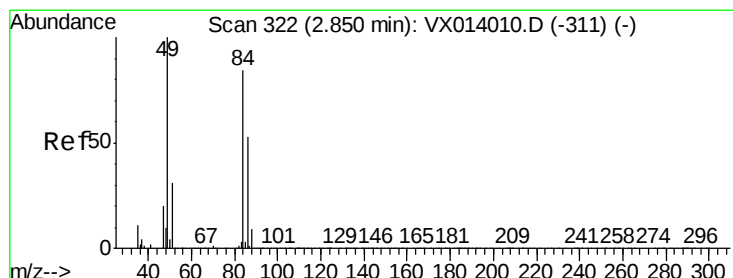
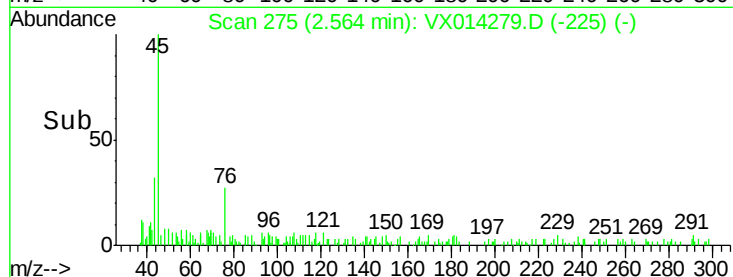
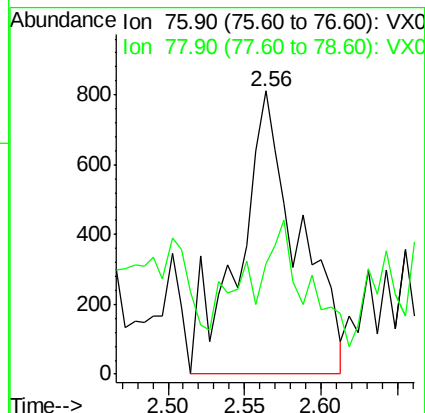
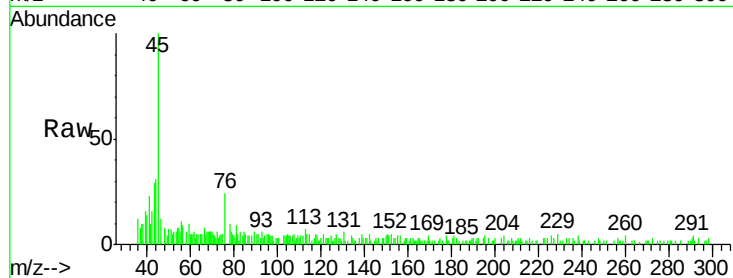
MW-2

Tgt Ion: 76 Resp: 2164

Ion Ratio Lower Upper

76 100

78 11.6 7.2 10.8#



#20

Methylene Chloride

Concen: 0.289 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Tgt Ion: 84 Resp: 1780

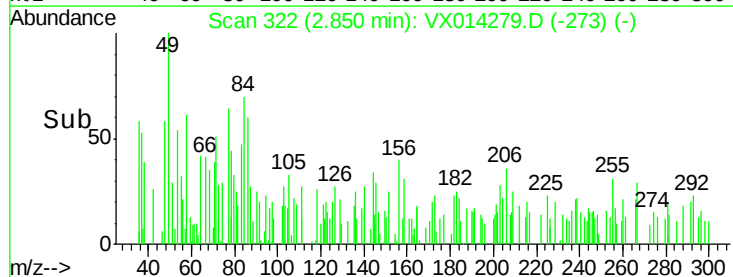
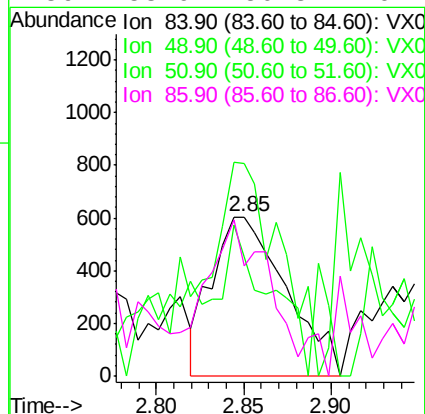
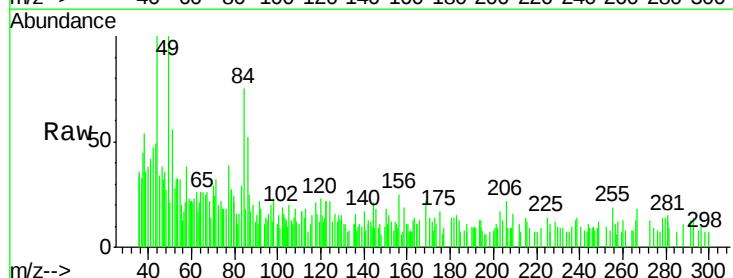
Ion Ratio Lower Upper

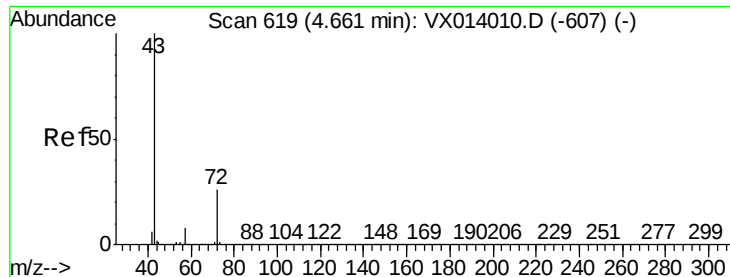
84 100

49 116.3 95.8 143.6

51 103.7 29.8 44.8#

86 53.9 50.8 76.2





#25

2-Butanone

Concen: 0.773 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA\_X

ClientSampled :

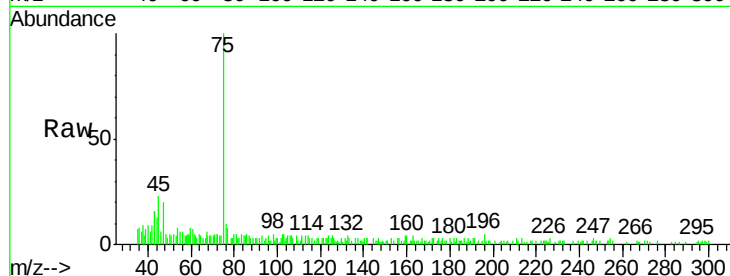
MW-2

Tgt Ion: 43 Resp: 3721

Ion Ratio Lower Upper

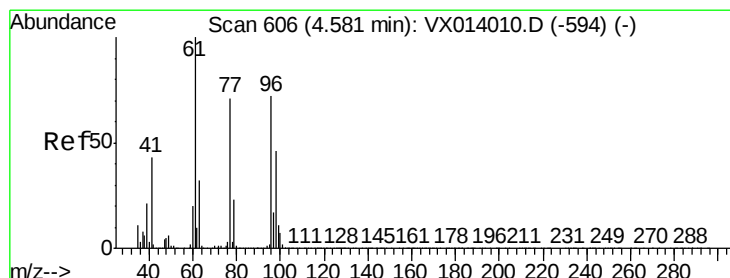
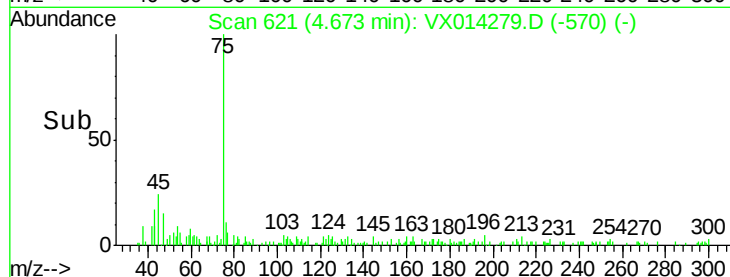
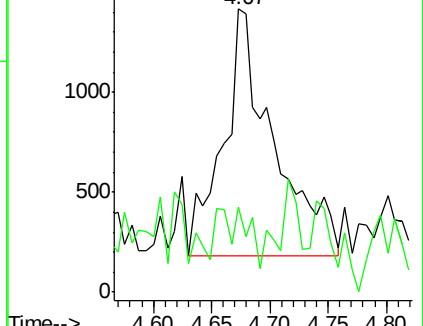
43 100

72 24.4 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 6.096 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

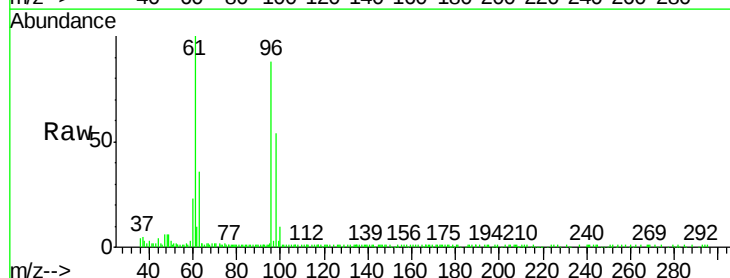
Tgt Ion: 96 Resp: 38777

Ion Ratio Lower Upper

96 100

61 122.8 0.0 288.4

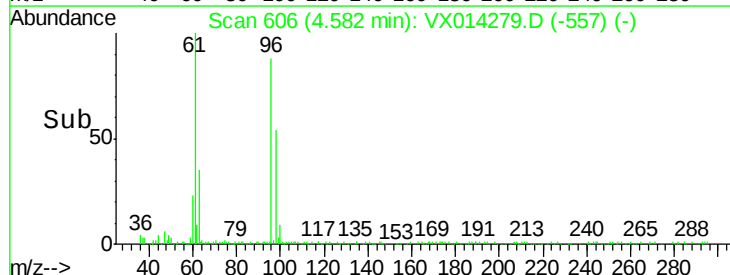
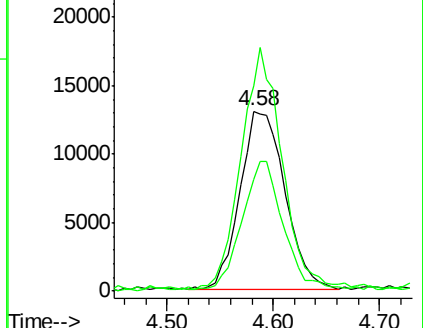
98 65.3 0.0 129.6

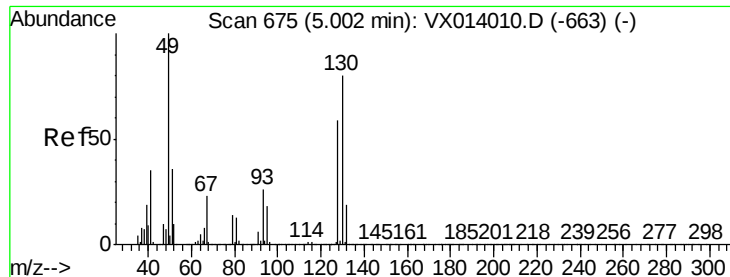


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: 0.636 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA\_X

ClientSampled :

MW-2

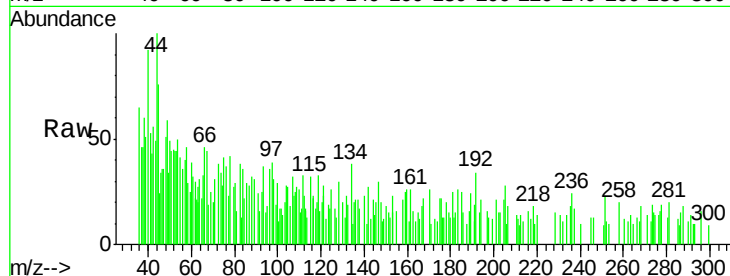
Tgt Ion: 49 Resp: 714

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

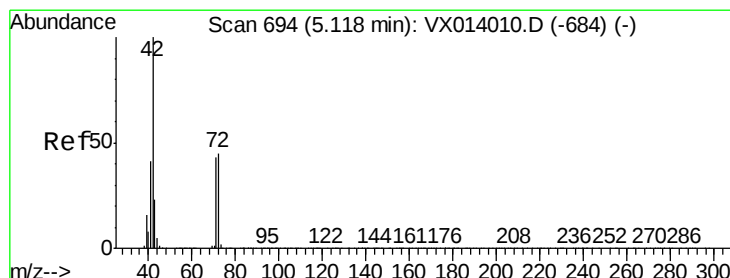
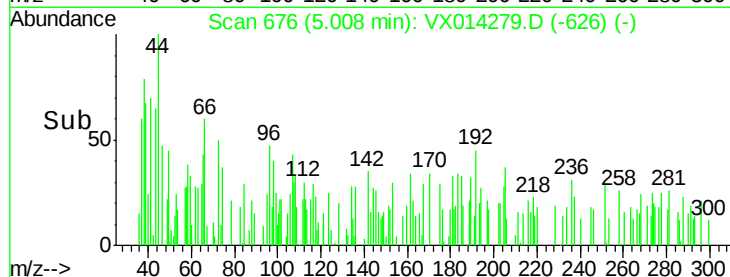
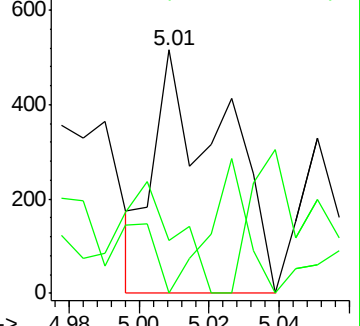
130 38.4 64.6 97.0#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.430 ug/l

RT: 5.15 min Scan# 699

Delta R.T. 0.03 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

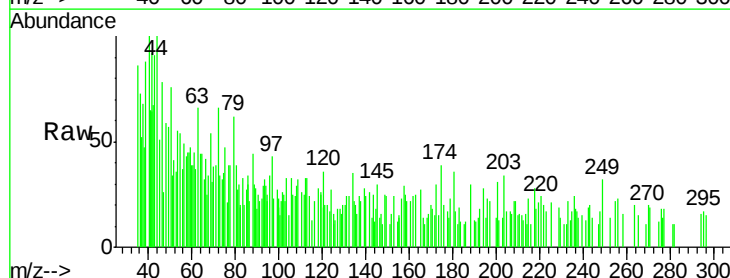
Tgt Ion: 42 Resp: 1157

Ion Ratio Lower Upper

42 100

72 0.0 35.8 53.8#

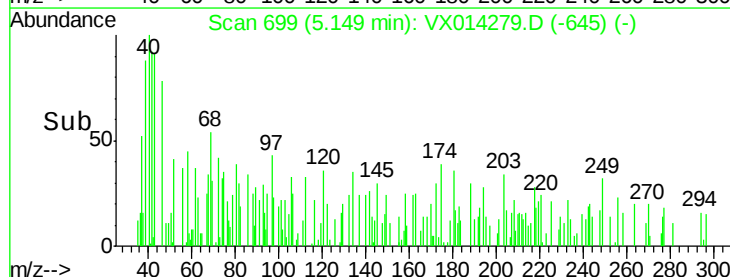
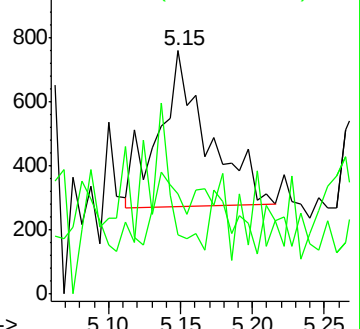
71 30.2 33.6 50.4#

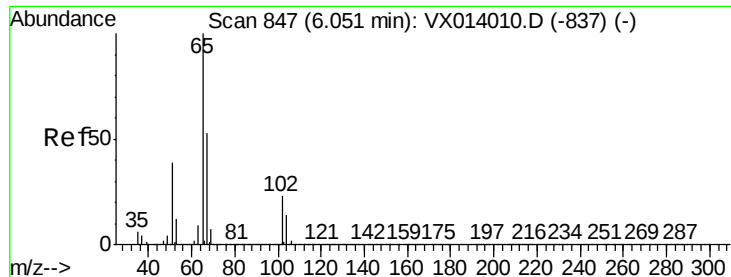


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.434 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA\_X

ClientSampleId :

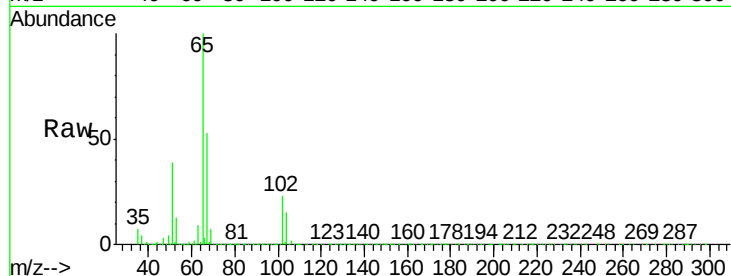
MW-2

Tgt Ion: 65 Resp: 297343

Ion Ratio Lower Upper

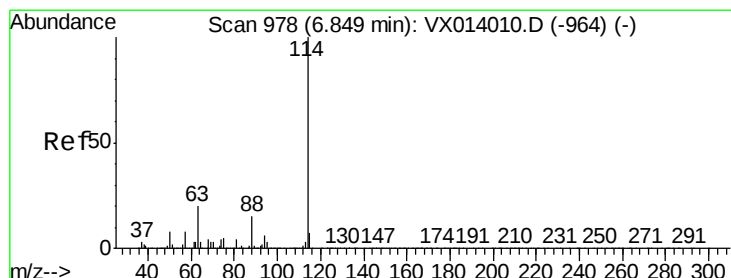
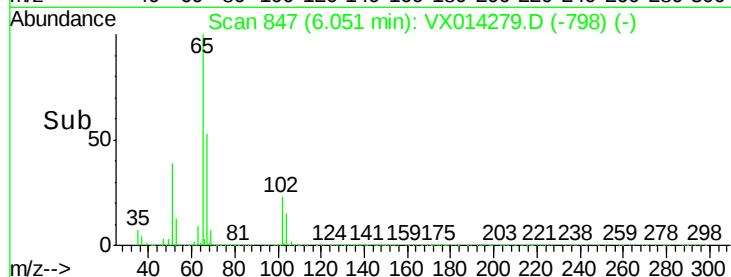
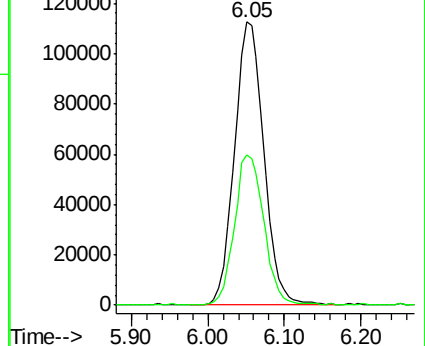
65 100

67 52.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

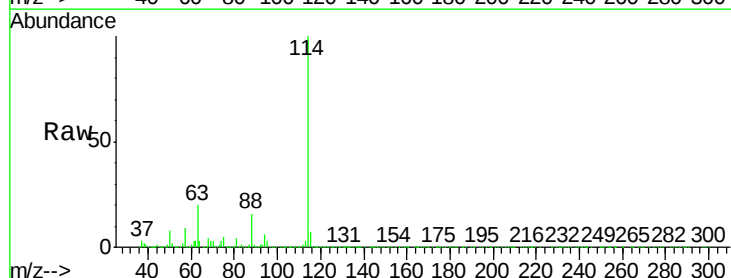
Tgt Ion: 114 Resp: 826519

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

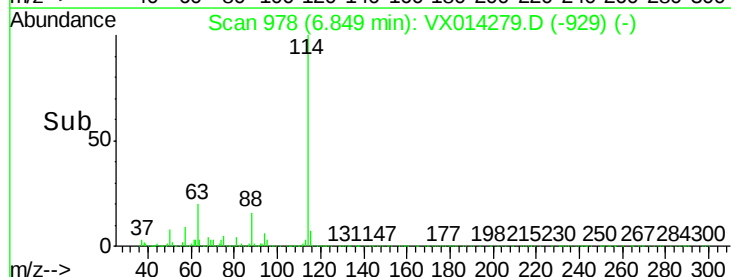
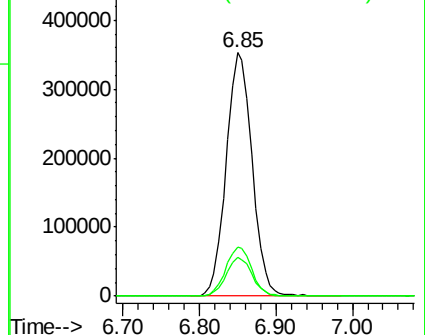
88 15.7 0.0 30.4

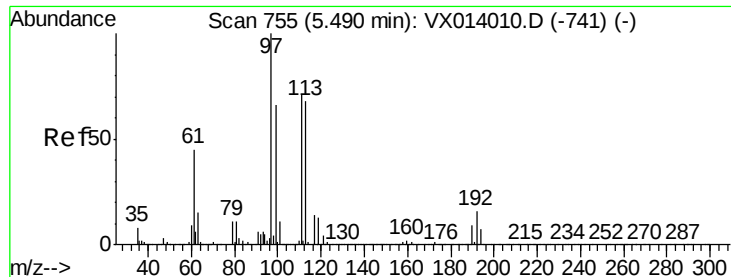


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.299 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA\_X

ClientSampleId :

MW-2

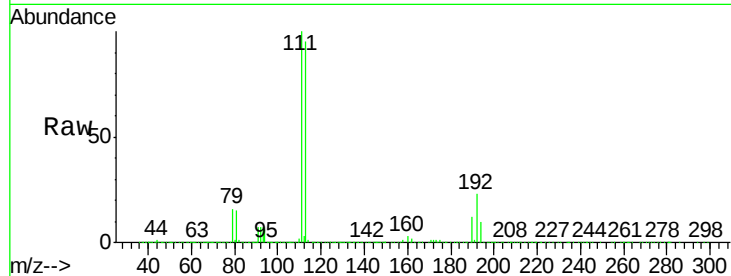
Tgt Ion:113 Resp: 242668

Ion Ratio Lower Upper

113 100

111 104.5 82.0 123.0

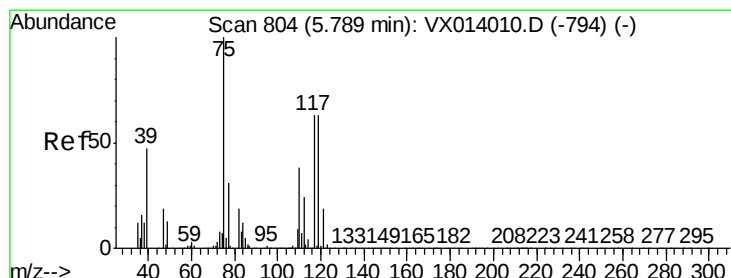
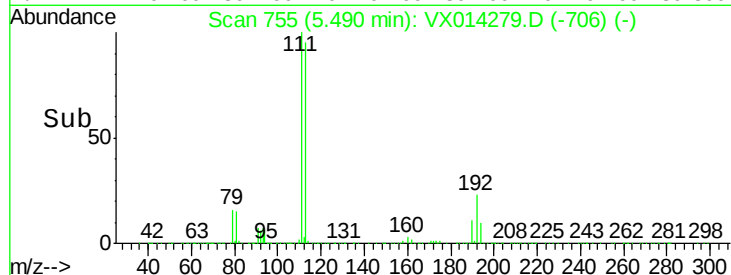
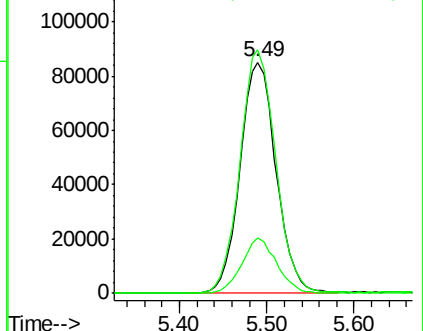
192 23.1 19.3 28.9



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: 4.563 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

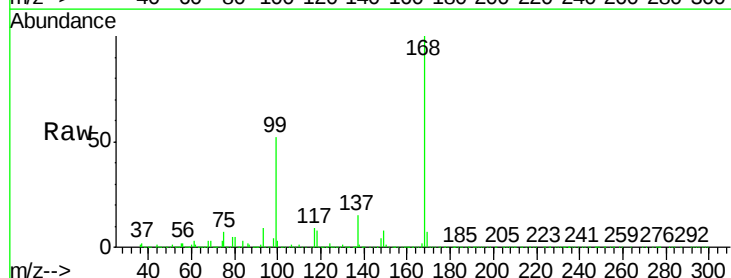
Tgt Ion: 75 Resp: 34603

Ion Ratio Lower Upper

75 100

110 12.4 18.3 54.9#

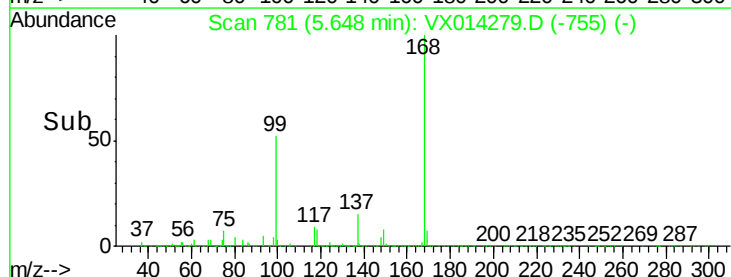
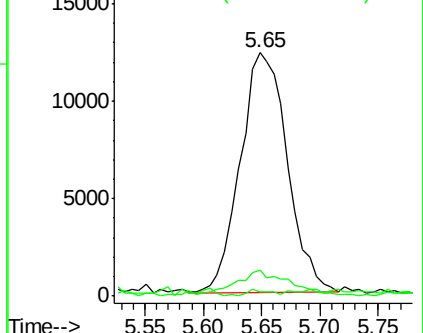
77 1.4 24.8 37.2#

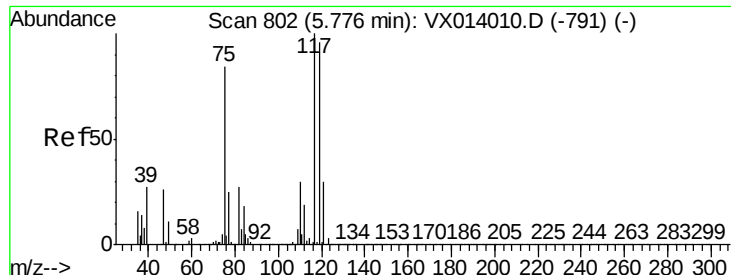


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

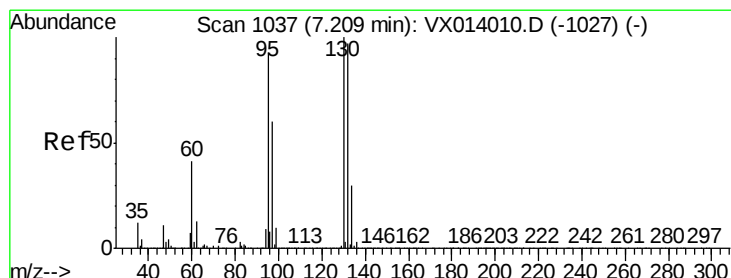
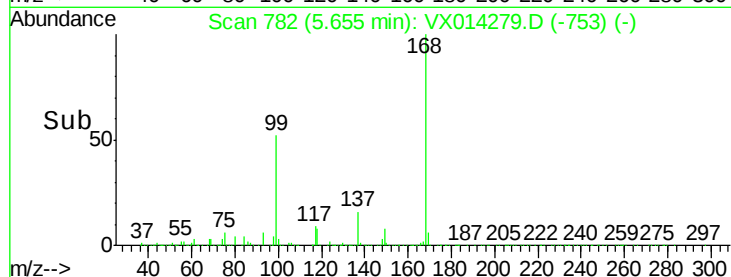
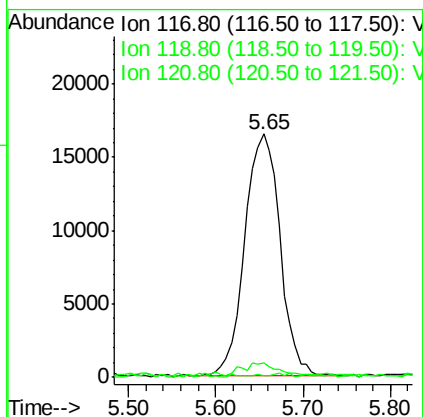
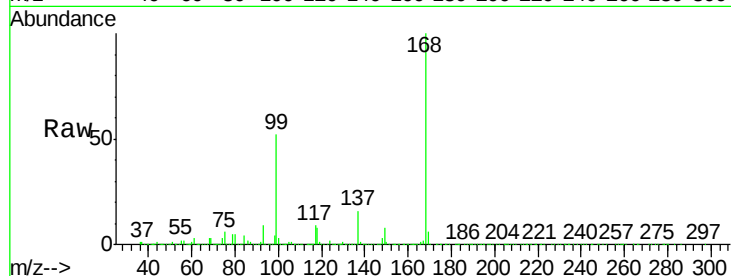




#38  
Carbon Tetrachloride  
Concen: 6.724 ug/l  
RT: 5.65 min Scan# 782  
Delta R.T. -0.12 min  
Lab File: VX014279.D  
Acq: 26 Dec 2019 19:04

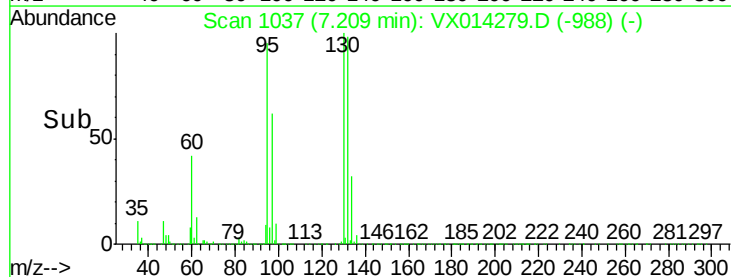
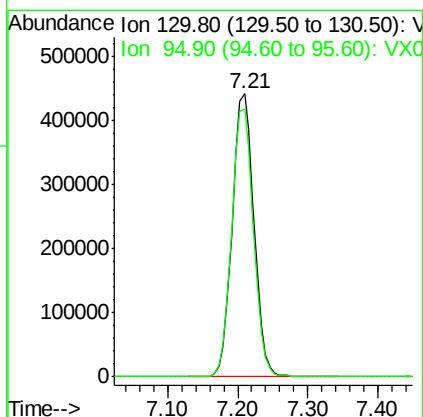
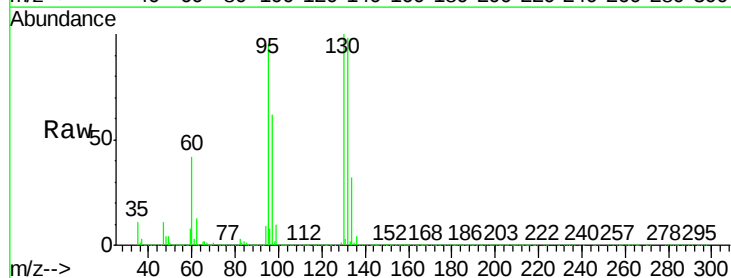
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

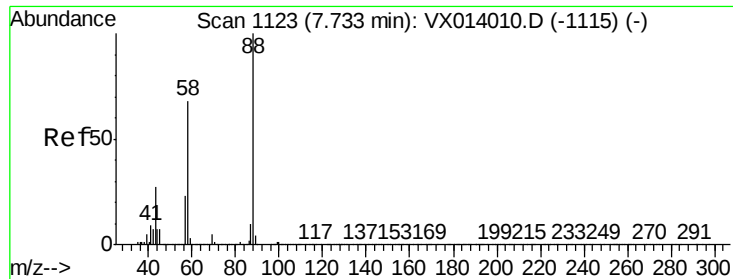
Tgt Ion:117 Resp: 46455  
Ion Ratio Lower Upper  
117 100  
119 5.9 76.2 114.4#  
121 0.0 23.6 35.4#



#44  
Trichloroethene  
Concen: 148.175 ug/l  
RT: 7.21 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: VX014279.D  
Acq: 26 Dec 2019 19:04

Tgt Ion:130 Resp: 955009  
Ion Ratio Lower Upper  
130 100  
95 94.6 0.0 185.6

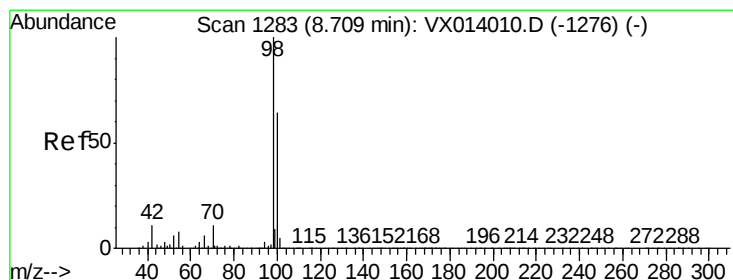
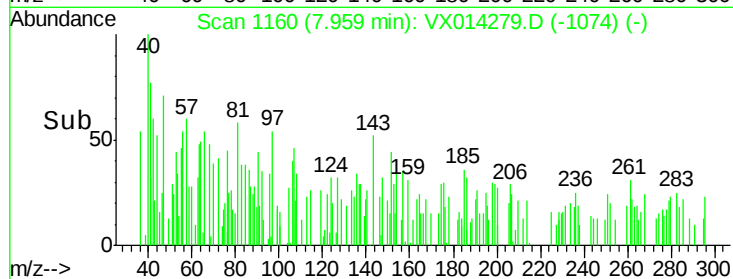
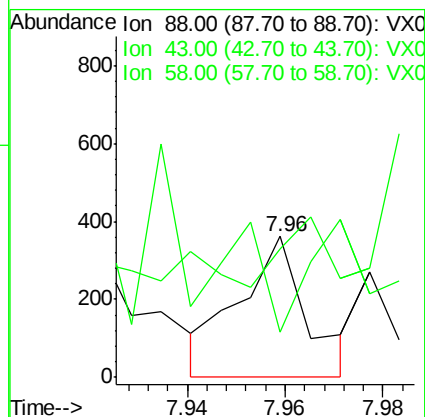
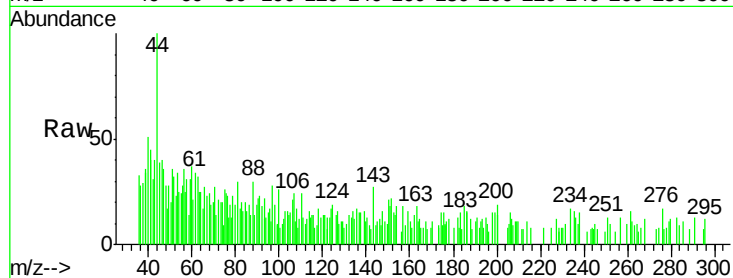




#49  
1,4-Dioxane  
Concen: 2.505 ug/l  
RT: 7.96 min Scan# 1160  
Delta R.T. 0.23 min  
Lab File: VX014279.D  
Acq: 26 Dec 2019 19:04

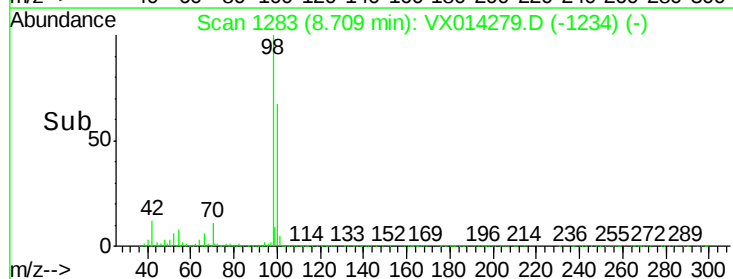
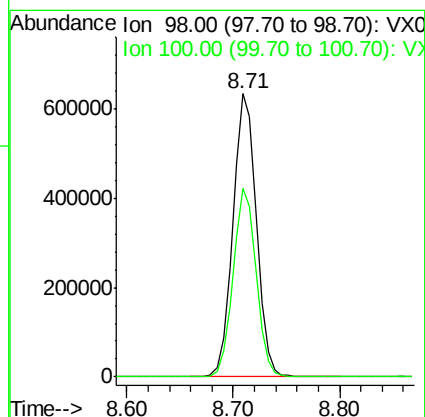
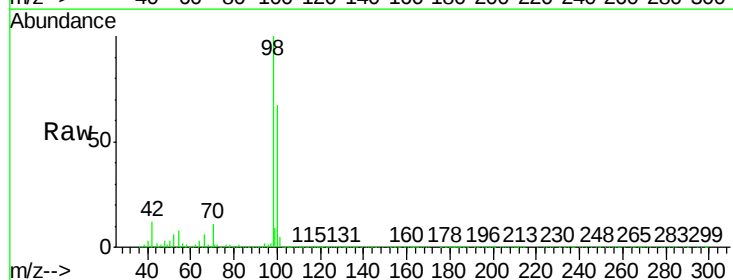
Instrument :  
MSVOA\_X  
ClientSampled :  
MW-2

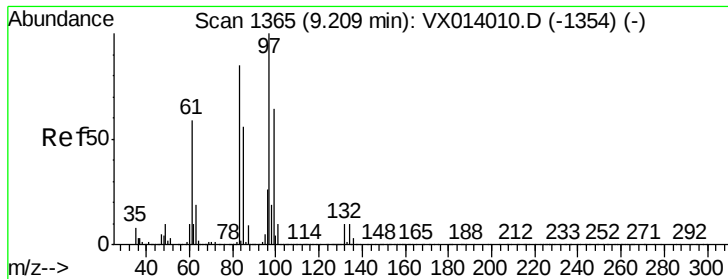
Tgt Ion: 88 Resp: 346  
Ion Ratio Lower Upper  
88 100  
43 32.1 26.5 39.7  
58 60.7 56.8 85.2



#50  
Toluene-d8  
Concen: 50.103 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX014279.D  
Acq: 26 Dec 2019 19:04

Tgt Ion: 98 Resp: 980070  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.9 79.3

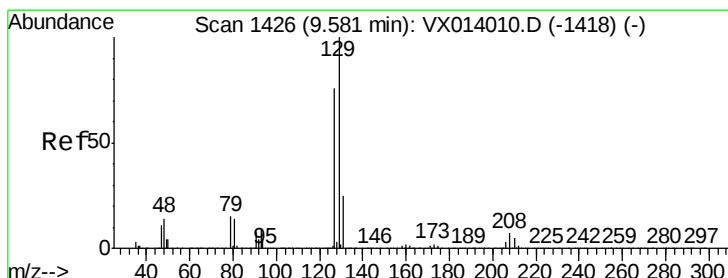
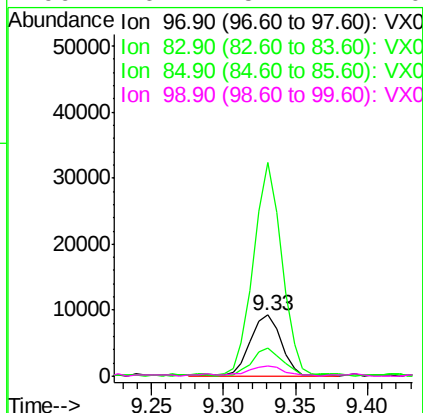
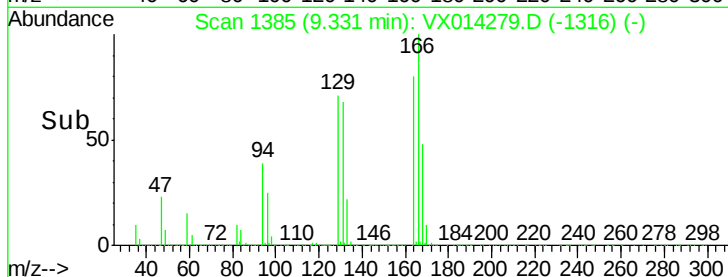
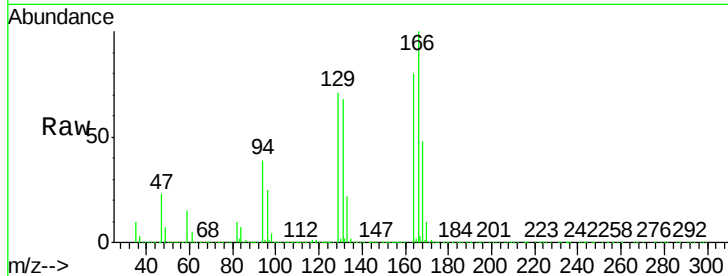




#55  
 1,1,2-Trichloroethane  
 Concen: 2.347 ug/l  
 RT: 9.33 min Scan# 1385  
 Delta R.T. 0.12 min  
 Lab File: VX014279.D  
 Acq: 26 Dec 2019 19:04

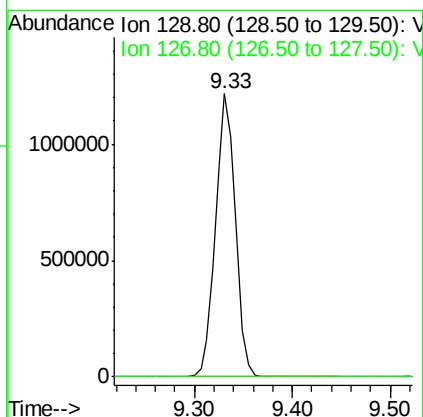
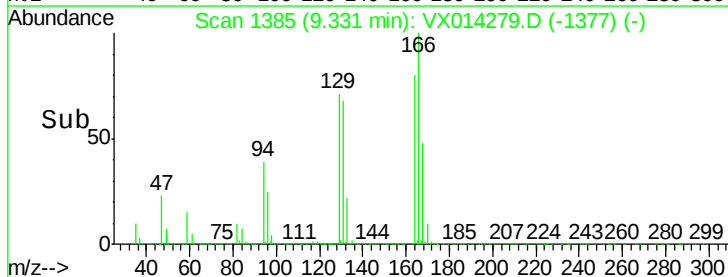
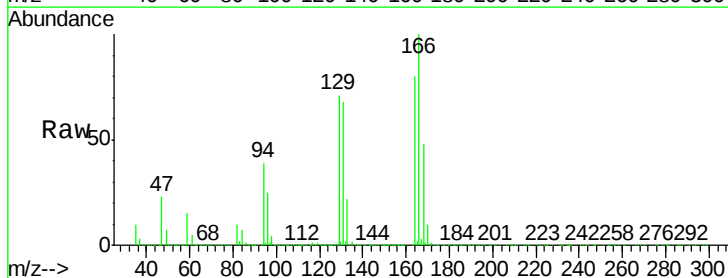
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 MW-2

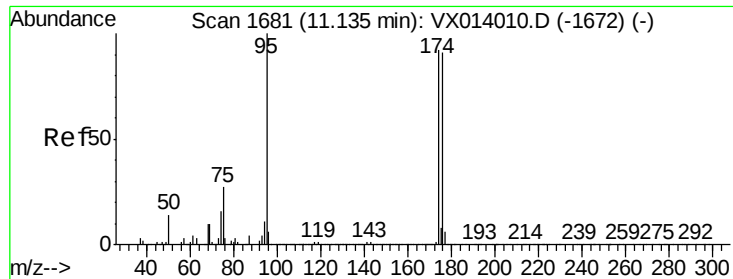
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 13872  |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 350.6 | 68.2  | 102.4# |
| 85       | 45.3  | 44.6  | 66.8   |
| 99       | 16.7  | 51.4  | 77.0#  |



#60  
 Dibromochloromethane  
 Concen: 289.642 ug/l  
 RT: 9.33 min Scan# 1385  
 Delta R.T. -0.25 min  
 Lab File: VX014279.D  
 Acq: 26 Dec 2019 19:04

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 129   | Resp: | 1701881 |
| Ion      | Ratio | Lower | Upper   |
| 129      | 100   |       |         |
| 127      | 0.0   | 38.4  | 115.2#  |





#62

4-Bromofluorobenzene

Concen: 47.106 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA\_X

ClientSampleId :

MW-2

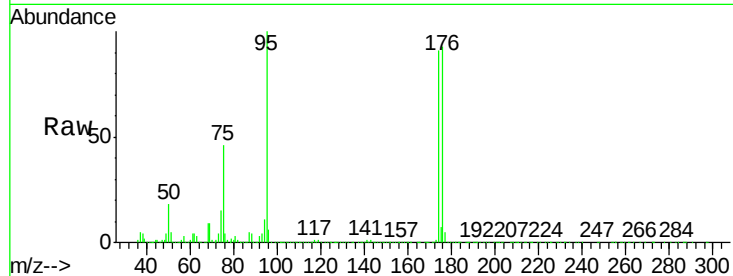
Tgt Ion: 95 Resp: 336829

Ion Ratio Lower Upper

95 100

174 87.1 0.0 175.8

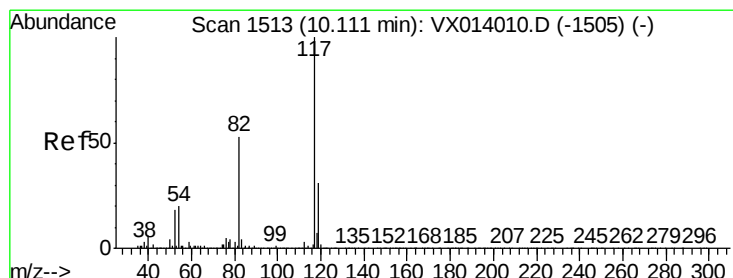
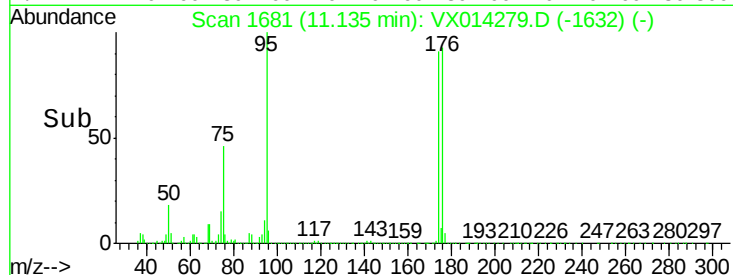
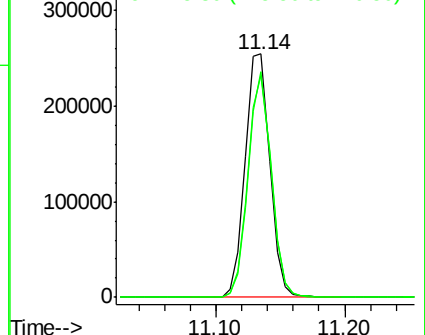
176 85.9 0.0 173.0



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: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

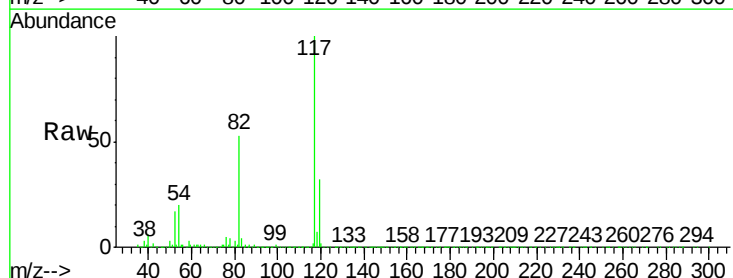
Tgt Ion: 117 Resp: 744941

Ion Ratio Lower Upper

117 100

82 53.2 42.2 63.4

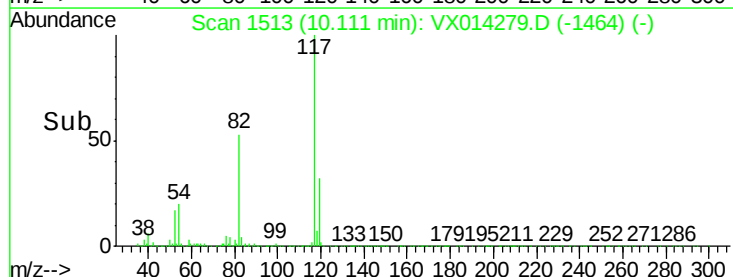
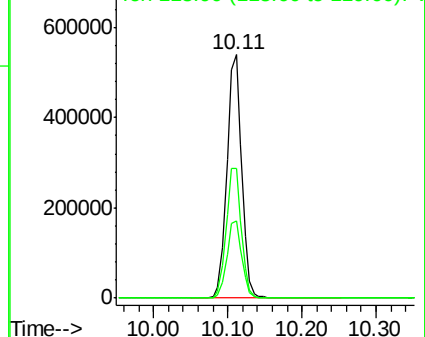
119 31.5 25.1 37.7

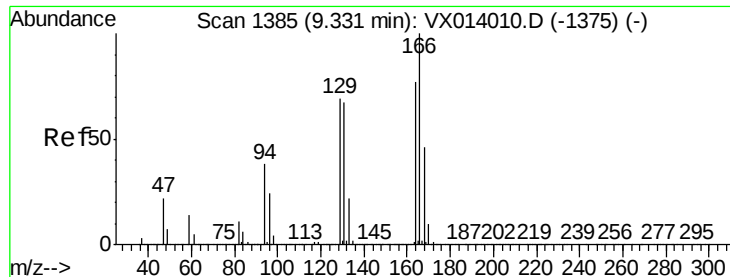


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 294.878 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA\_X

ClientSampleId :

MW-2

Tgt Ion:164 Resp: 1943781

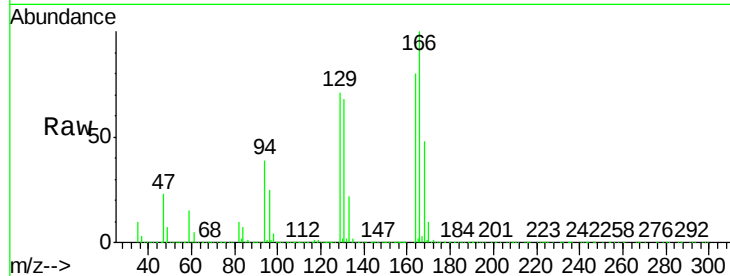
Ion Ratio Lower Upper

164 100

166 125.7 104.0 156.0

129 89.0 72.2 108.4

131 85.6 69.6 104.4

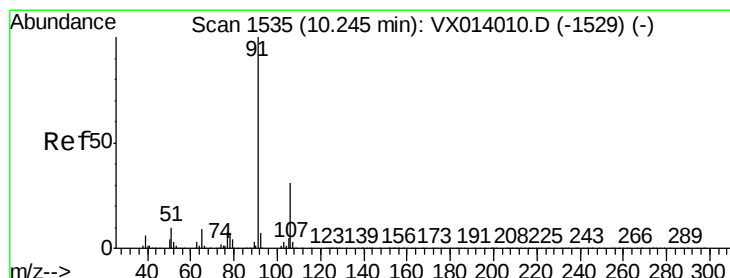
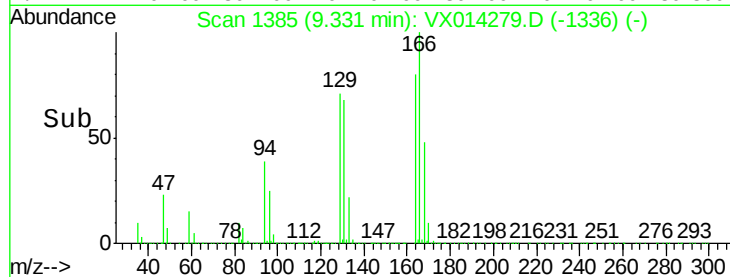
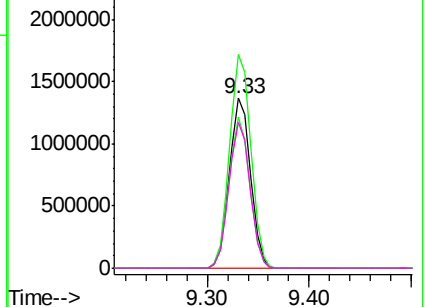


Abundance Ion 163.80 (163.50 to 164.50): V

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



#67

Ethyl Benzene

Concen: 0.514 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014279.D

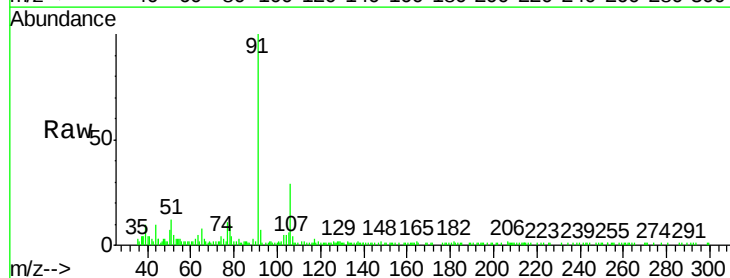
Acq: 26 Dec 2019 19:04

Tgt Ion: 91 Resp: 13995

Ion Ratio Lower Upper

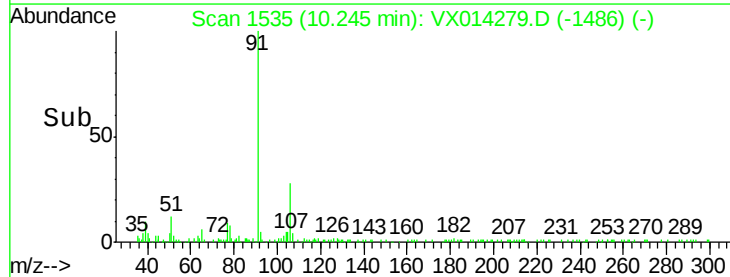
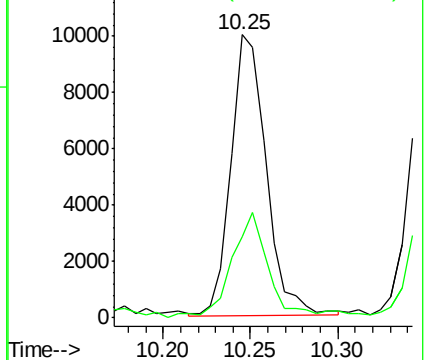
91 100

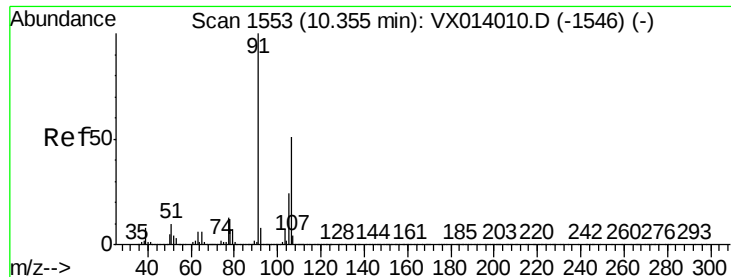
106 27.4 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

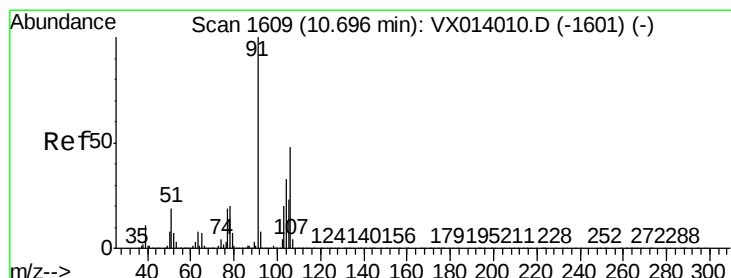
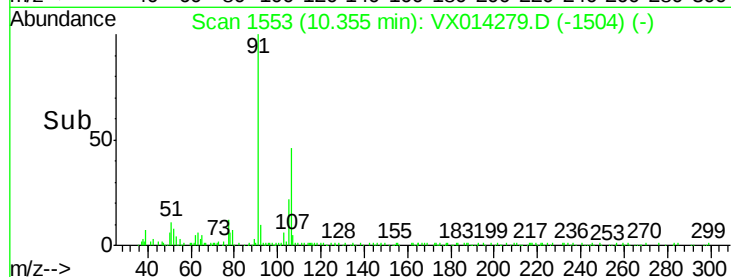
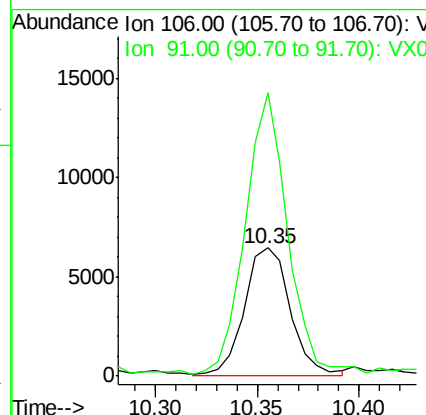
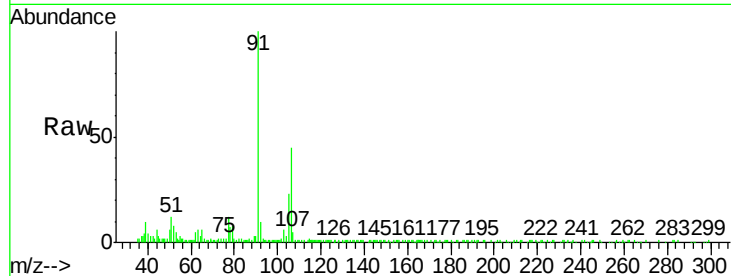




#68  
m/p-Xylenes  
Concen: 0.976 ug/l  
RT: 10.35 min Scan# 1553  
Delta R.T. 0.00 min  
Lab File: VX014279.D  
Acq: 26 Dec 2019 19:04

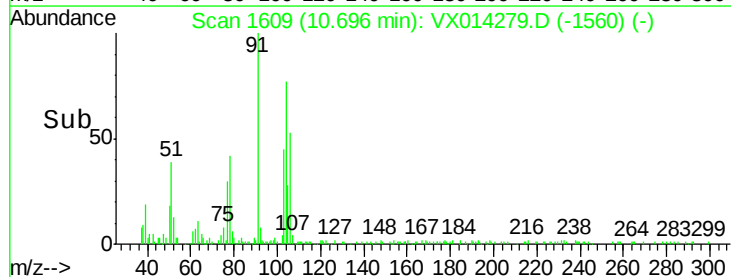
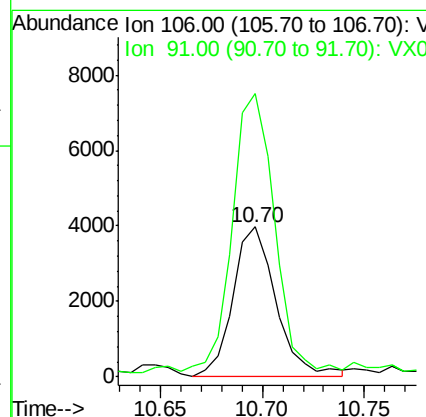
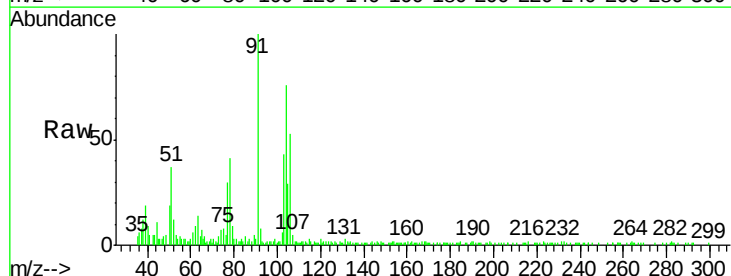
Instrument :  
MSVOA\_X  
ClientSampled :  
MW-2

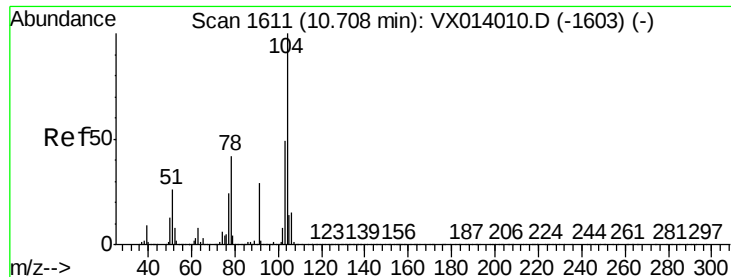
Tgt Ion:106 Resp: 10217  
Ion Ratio Lower Upper  
106 100  
91 199.1 158.6 238.0



#69  
o-Xylene  
Concen: 0.572 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX014279.D  
Acq: 26 Dec 2019 19:04

Tgt Ion:106 Resp: 5873  
Ion Ratio Lower Upper  
106 100  
91 175.8 104.2 312.6





#70

Styrene

Concen: 1.431 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA\_X

ClientSampleId :

MW-2

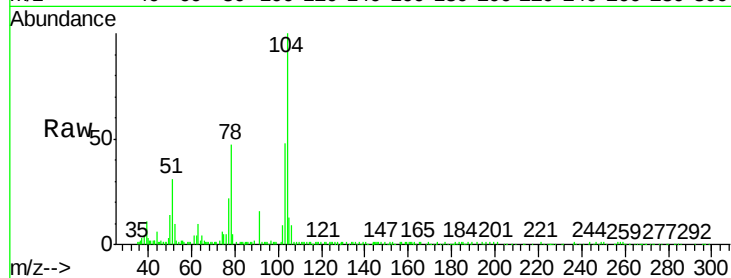
Tgt Ion:104 Resp: 24853

Ion Ratio Lower Upper

104 100

78 45.8 38.5 57.7

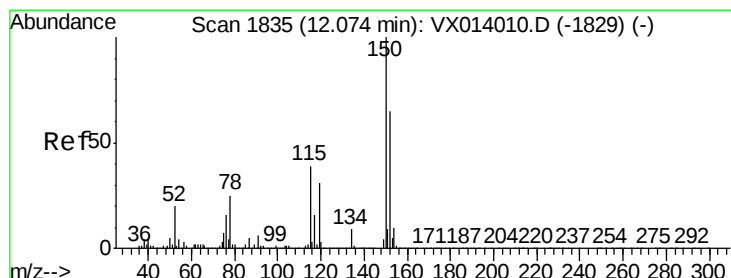
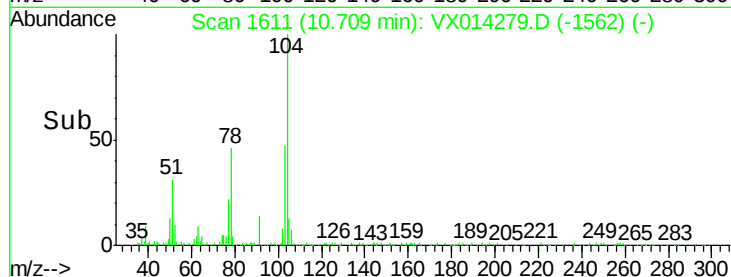
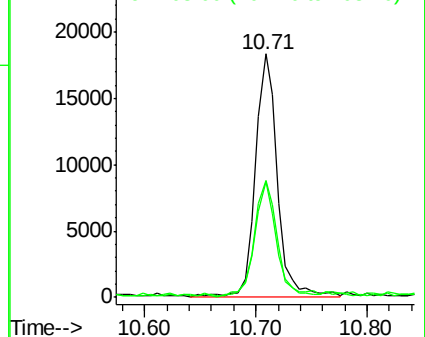
103 51.5 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

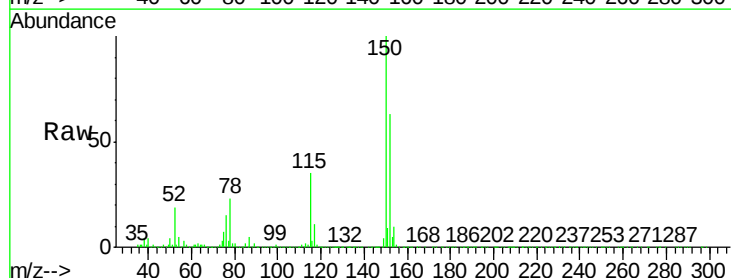
Tgt Ion:152 Resp: 333359

Ion Ratio Lower Upper

152 100

115 56.3 38.3 114.9

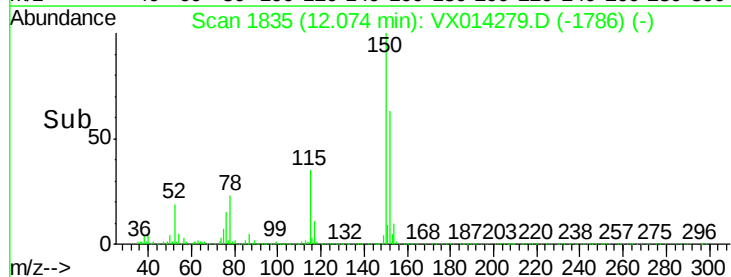
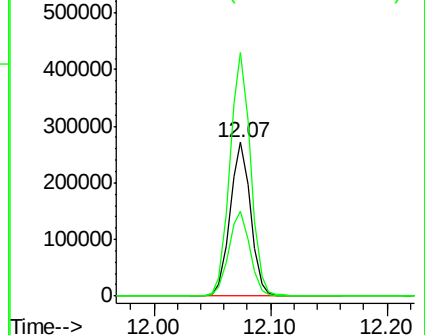
150 158.3 0.0 345.4

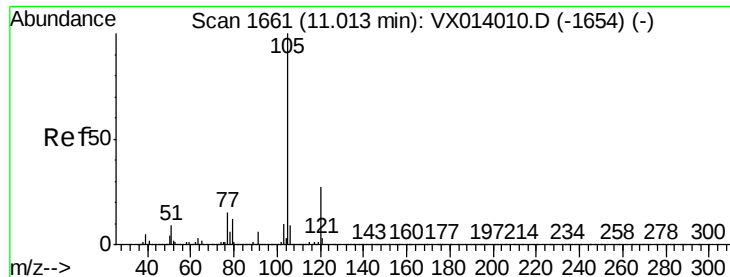


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.270 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA\_X

ClientSampleId :

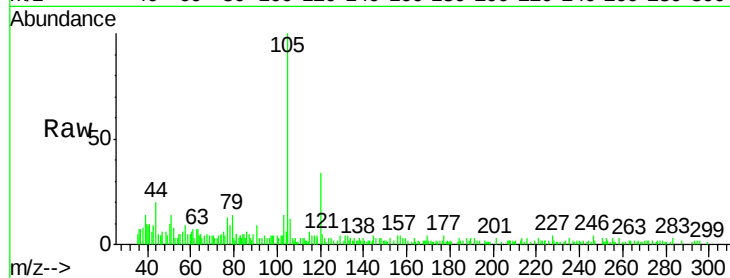
MW-2

Tgt Ion:105 Resp: 6339

Ion Ratio Lower Upper

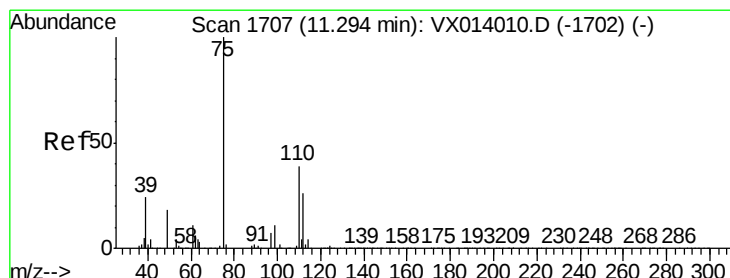
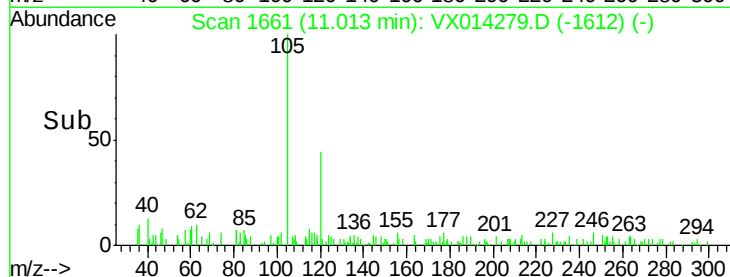
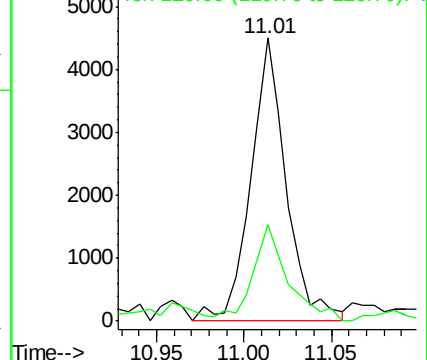
105 100

120 33.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 22.126 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014279.D

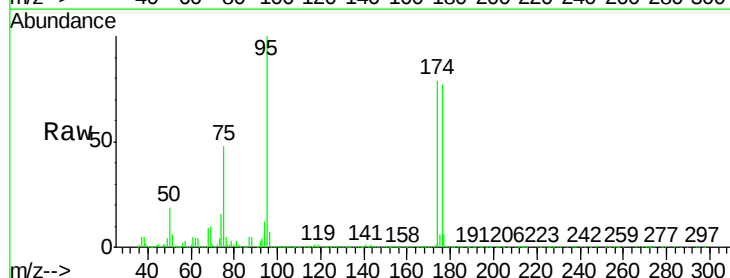
Acq: 26 Dec 2019 19:04

Tgt Ion: 75 Resp: 160128

Ion Ratio Lower Upper

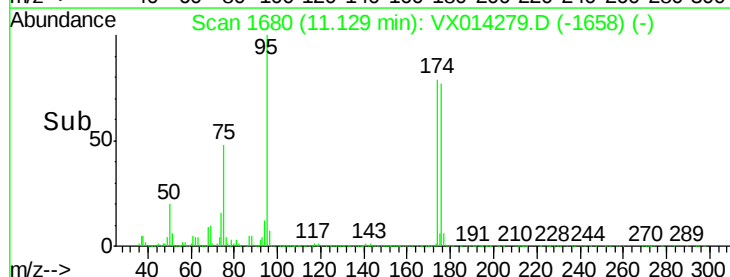
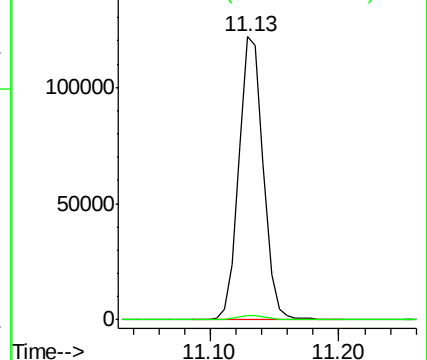
75 100

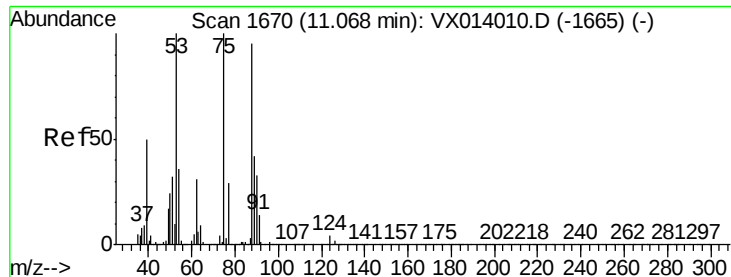
77 2.0 19.3 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

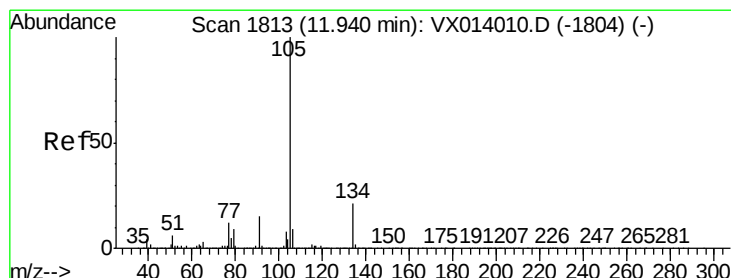
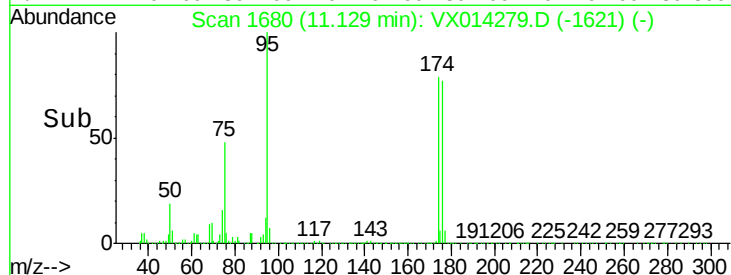
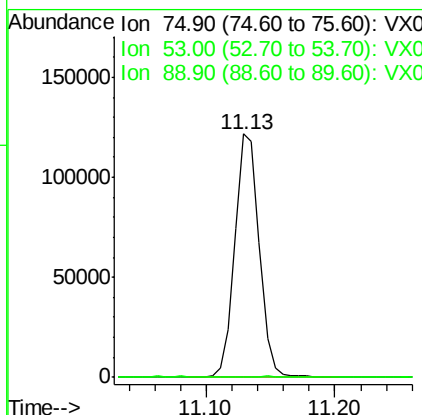
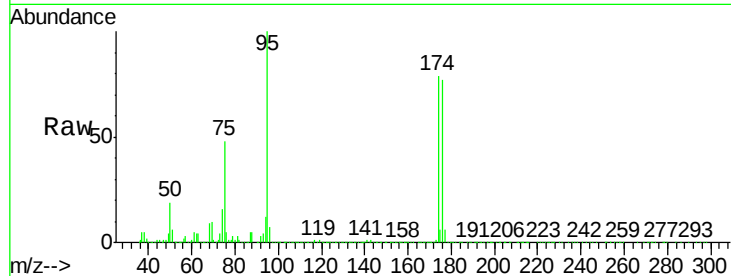




#81  
trans-1,4-Dichloro-2-butene  
Concen: 62.451 ug/l  
RT: 11.13 min Scan# 1680  
Delta R.T. 0.06 min  
Lab File: VX014279.D  
Acq: 26 Dec 2019 19:04

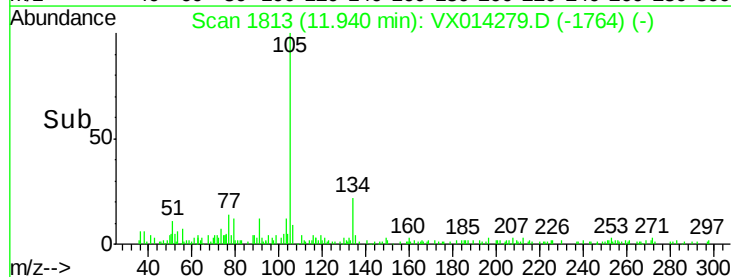
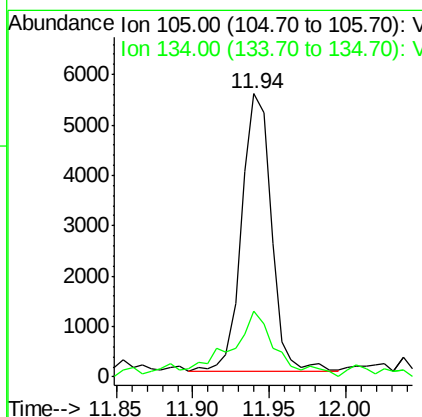
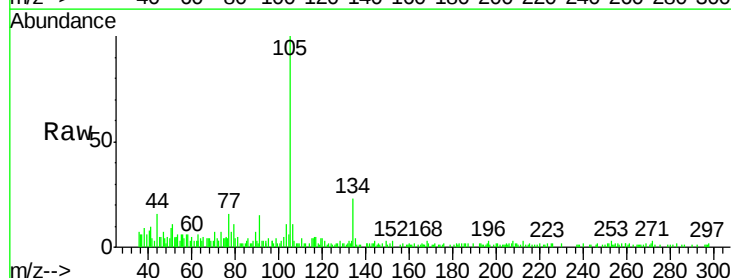
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

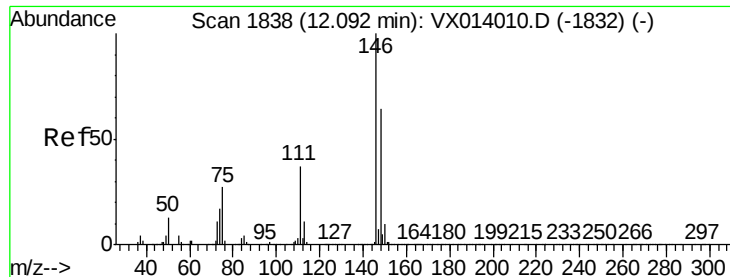
Tgt Ion: 75 Resp: 160128  
Ion Ratio Lower Upper  
75 100  
53 0.2 76.7 115.1#  
89 0.0 34.6 51.8#



#85  
sec-Butylbenzene  
Concen: 0.330 ug/l  
RT: 11.94 min Scan# 1813  
Delta R.T. 0.00 min  
Lab File: VX014279.D  
Acq: 26 Dec 2019 19:04

Tgt Ion: 105 Resp: 7490  
Ion Ratio Lower Upper  
105 100  
134 27.3 10.4 31.1





#88

1,4-Dichlorobenzene

Concen: 0.207 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA\_X

ClientSampleId :

MW-2

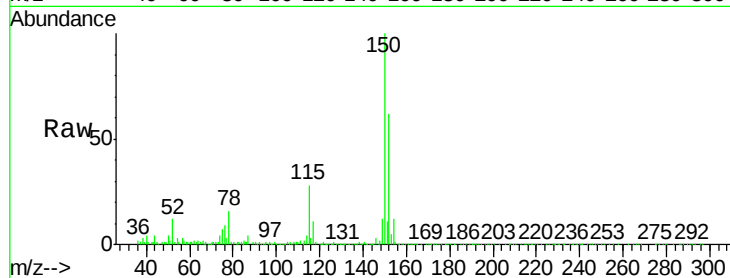
Tgt Ion:146 Resp: 2385

Ion Ratio Lower Upper

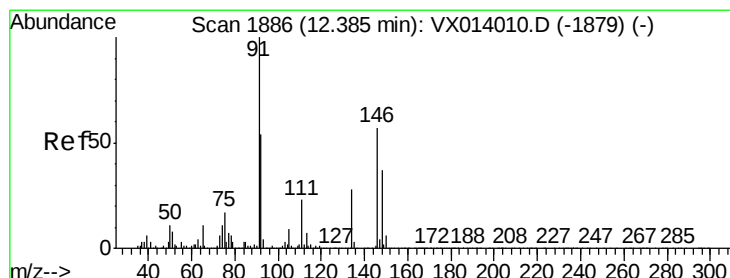
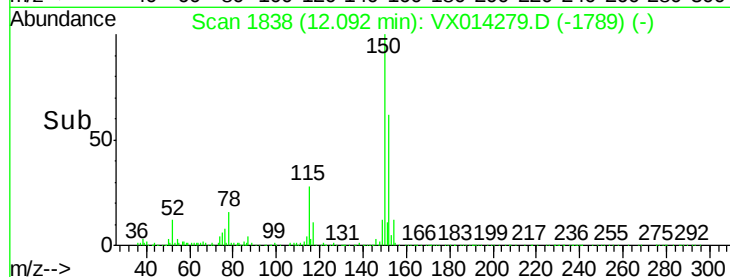
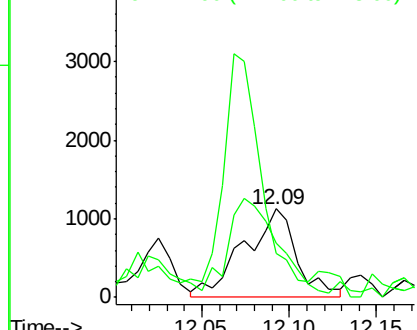
146 100

111 0.0 18.7 56.1#

148 0.0 31.9 95.9#



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



#91

1,2-Dichlorobenzene

Concen: 0.392 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

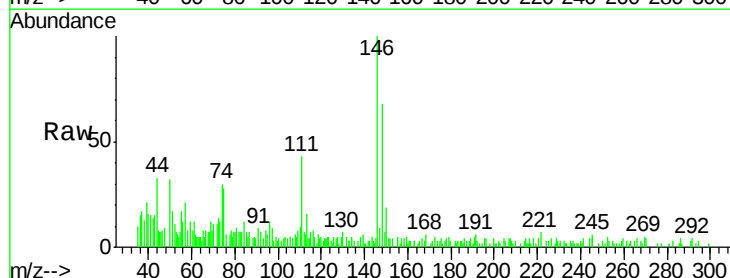
Tgt Ion:146 Resp: 4462

Ion Ratio Lower Upper

146 100

111 40.8 19.7 59.1

148 64.3 32.1 96.5



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

