

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\  
 Data File : VX015377.D  
 Acq On : 27 Mar 2020 13:19  
 Operator : JC/SP  
 Sample : L1798-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PT-VOA-WP

Quant Time: Apr 07 11:25:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 09:35:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 1172518  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 1804182  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 1636363  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 840190   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 796626   | 48.17 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.34%  |      |
| 35) Dibromofluoromethane  | 5.47   | 113 | 583633   | 50.61 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.22% |      |
| 50) Toluene-d8            | 8.70   | 98  | 2182734  | 51.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.82% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 881654   | 51.09 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.18% |      |

## Target Compounds

|                                |       |     |         |         |        | Qvalue |
|--------------------------------|-------|-----|---------|---------|--------|--------|
| 3) Chloromethane               | 1.31  | 50  | 570781  | 43.388  | ug/l   | 100    |
| 5) Bromomethane                | 1.64  | 94  | 166401  | 26.003  | ug/l   | 97     |
| 10) Methyl Iodide              | 2.50  | 142 | 98705   | 6.932   | ug/l   | 99     |
| 16) Acetone                    | 2.42  | 43  | 1340218 | 188.638 | ug/l   | 100    |
| 19) Methyl tert-butyl Ether    | 3.17  | 73  | 4255136 | 99.111  | ug/l   | 100    |
| 24) 1,1-Dichloroethane         | 3.67  | 63  | 2612507 | 108.259 | ug/l   | 99     |
| 25) 2-Butanone                 | 4.64  | 43  | 1264652 | 110.683 | ug/l   | 98     |
| 30) Chloroform                 | 5.18  | 83  | 1246710 | 53.698  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane      | 5.47  | 97  | 432558  | 20.587  | ug/l   | 99     |
| 38) Carbon Tetrachloride       | 5.76  | 117 | 1342889 | 74.584  | ug/l   | 97     |
| 40) Benzene                    | 6.12  | 78  | 890657  | 18.291  | ug/l   | 99     |
| 44) Trichloroethene            | 7.19  | 130 | 44451   | 3.347   | ug/l   | 87     |
| 46) Dibromomethane             | 7.64  | 93  | 279765  | 32.016  | ug/l   | 99     |
| 47) Bromodichloromethane       | 7.88  | 83  | 715971  | 38.453  | ug/l   | 98     |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43  | 1460236 | 70.518  | ug/l   | 99     |
| 52) Toluene                    | 8.77  | 92  | 659703  | 21.974  | ug/l   | 98     |
| 53) t-1,3-Dichloropropene      | 9.03  | 75  | 1994414 | 91.331  | ug/l   | 97     |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75  | 690679  | 31.049  | ug/l   | 98     |
| 59) 2-Hexanone                 | 9.48  | 43  | 924321  | 59.124  | ug/l   | 99     |
| 60) Dibromochloromethane       | 9.56  | 129 | 1142229 | 77.282  | ug/l   | 98     |
| 65) Chlorobenzene              | 10.12 | 112 | 3004580 | 92.069  | ug/l   | 96     |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131 | 358231  | 27.477  | ug/l   | 98     |
| 67) Ethyl Benzene              | 10.24 | 91  | 3989343 | 68.925  | ug/l   | 98     |
| 68) m/p-Xylenes                | 10.34 | 106 | 1564668 | 72.598  | ug/l   | 100    |
| 69) o-Xylenes                  | 10.68 | 106 | 1664964 | 78.177  | ug/l   | 99     |
| 70) Styrene                    | 10.70 | 104 | 2784823 | 74.309  | ug/l   | 99     |
| 71) Bromoform                  | 10.84 | 173 | 11986   | 1.010   | ug/l # | 97     |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83  | 2504910 | 132.605 | ug/l   | 100    |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75  | 1229323 | 71.150  | ug/l   | 84     |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146 | 1961146 | 74.604  | ug/l   | 98     |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146 | 855751  | 31.959  | ug/l   | 99     |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146 | 601613  | 23.385  | ug/l   | 99     |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75  | 257500  | 48.297  | ug/l   | 98     |
| 93) 1,2,4-Trichlorobenzene     | 13.63 | 180 | 2521541 | 123.914 | ug/l   | 96     |

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Operator : JC/SP  
Sample : L1798-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PT-VOA-WP

Quant Time: Apr 07 11:25:44 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 27 09:35:51 2020  
Response via : Initial Calibration

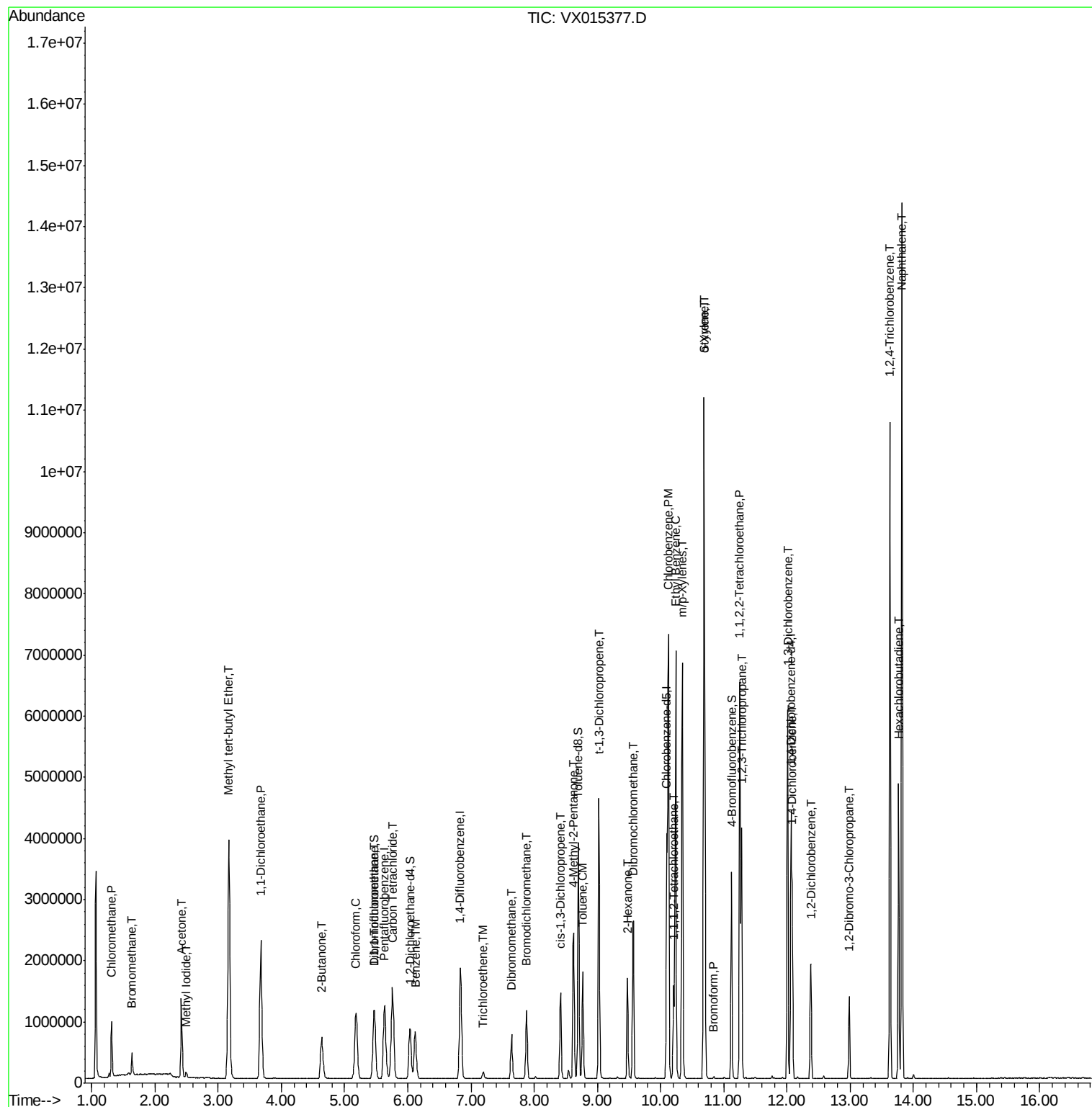
| Internal Standards      | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------|-------|------|----------|---------|-------|----------|
| 94) Hexachlorobutadiene | 13.76 | 225  | 728146   | 75.157  | ug/l  | 96       |
| 95) Naphthalene         | 13.82 | 128  | 8484992  | 136.696 | ug/l  | 98       |

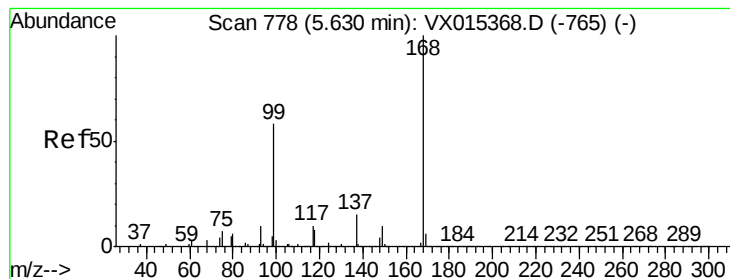
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032720\  
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Quant Time: Apr 07 11:25:44 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 27 09:35:51 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

Instrument :

MSVOA\_X

ClientSampleId :

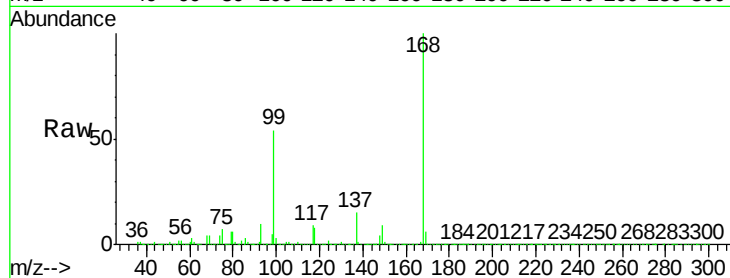
PT-VOA-WP

Tot Ion:168 Resp: 1172518

Ion Ratio Lower Upper

168 100

99 53.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

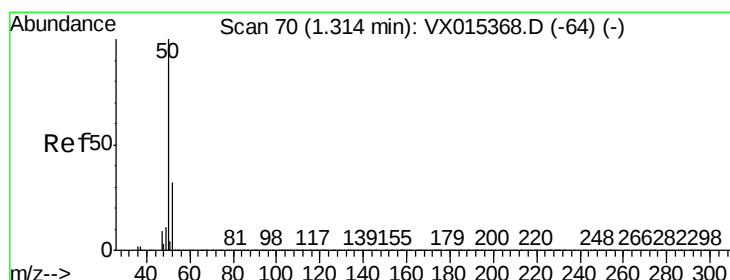
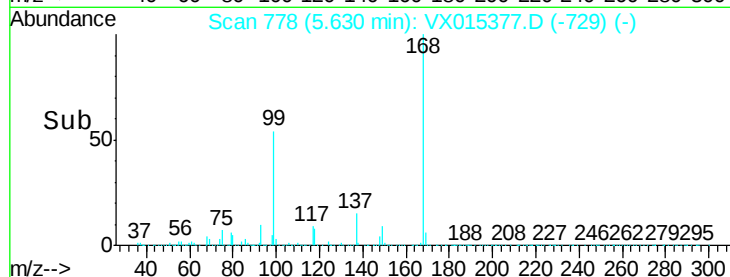
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 43.388 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015377.D

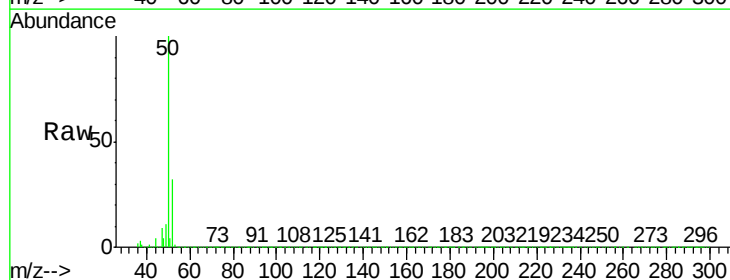
Acq: 27 Mar 2020 13:19

Tgt Ion: 50 Resp: 570781

Ion Ratio Lower Upper

50 100

52 31.9 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

600000

500000

400000

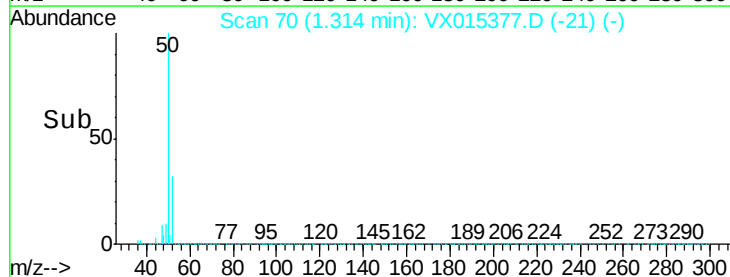
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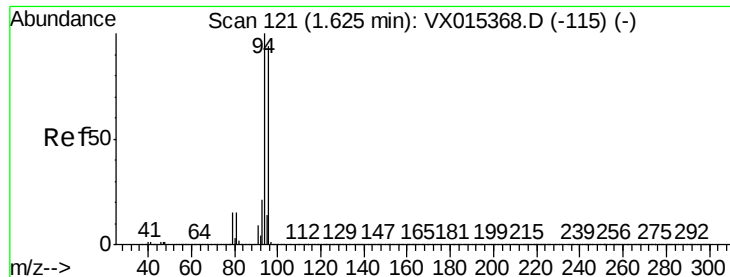
200000

100000

0

Time-->





#5

Bromomethane

Concen: 26.003 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

Instrument :

MSVOA\_X

ClientSampled :

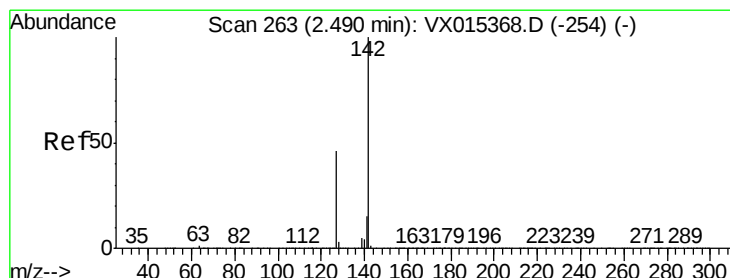
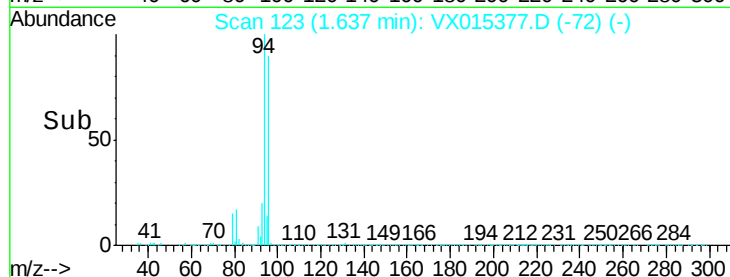
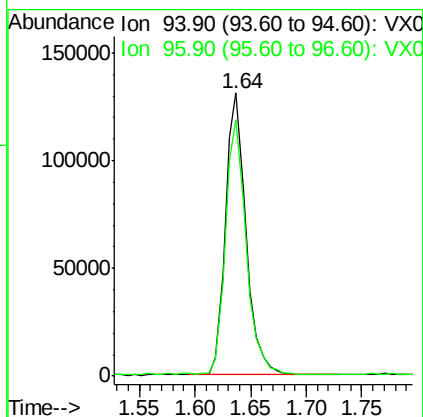
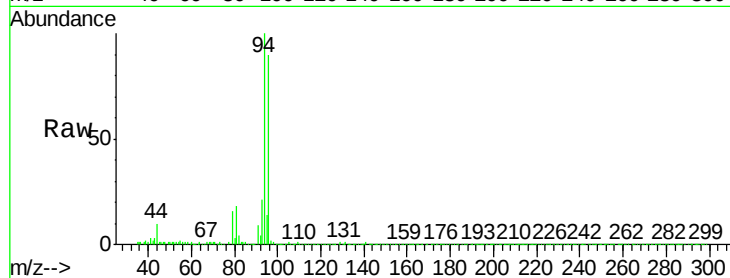
PT-VOA-WP

Tot Ion: 94 Resp: 166401

Ion Ratio Lower Upper

94 100

96 90.2 74.8 112.2



#10

Methyl Iodide

Concen: 6.932 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

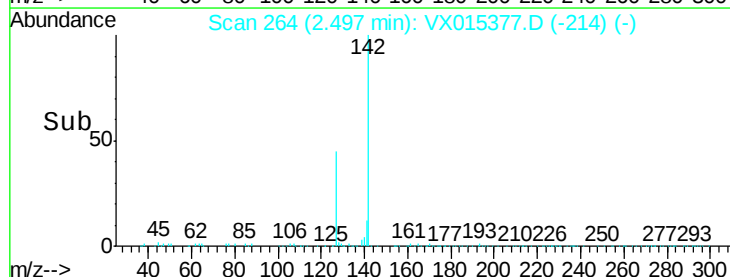
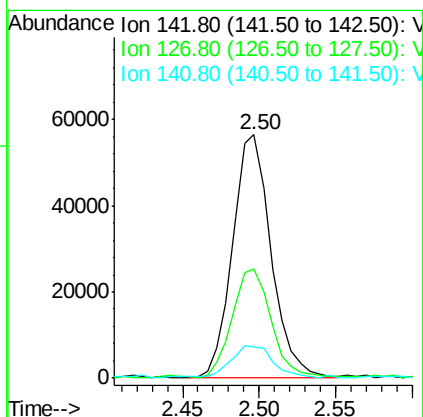
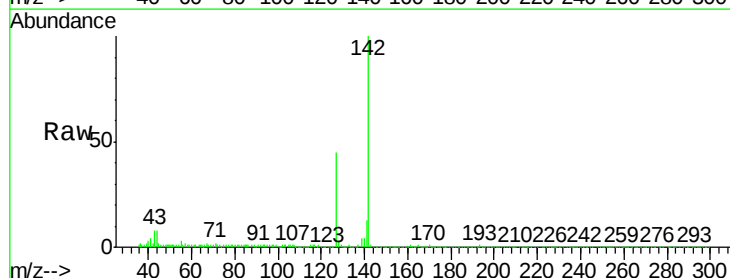
Tgt Ion: 142 Resp: 98705

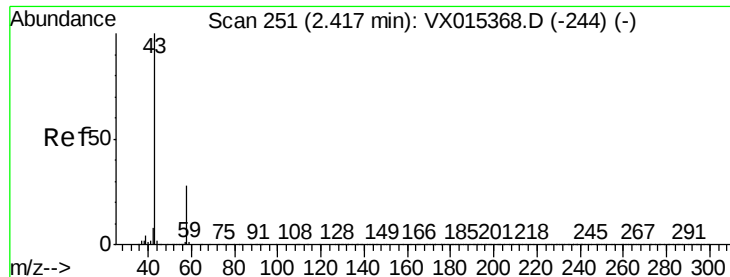
Ion Ratio Lower Upper

142 100

127 44.6 35.9 53.9

141 14.9 11.6 17.4

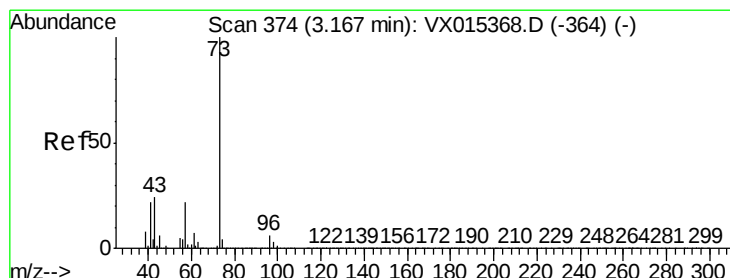
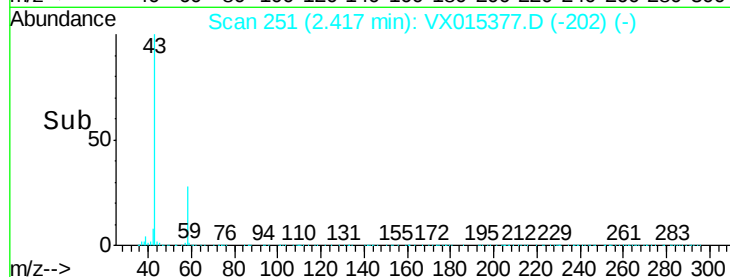
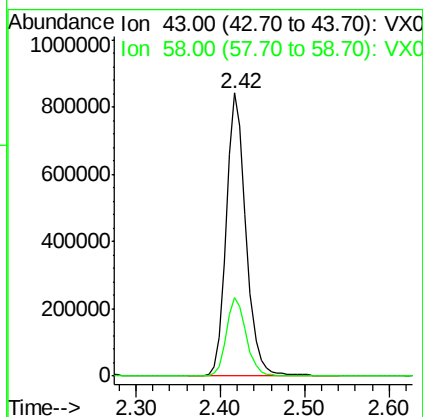
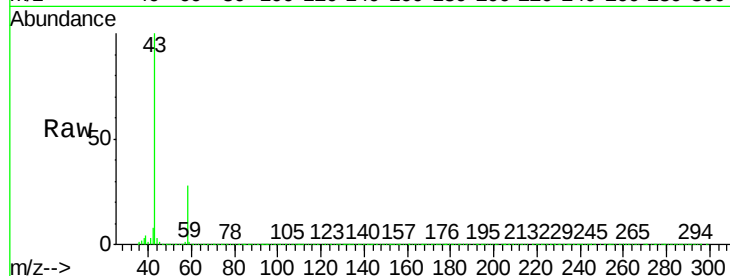




#16  
Acetone  
Concen: 188.638 ug/l  
RT: 2.42 min Scan# 251  
Delta R.T. 0.00 min  
Lab File: VX015377.D  
Acq: 27 Mar 2020 13:19

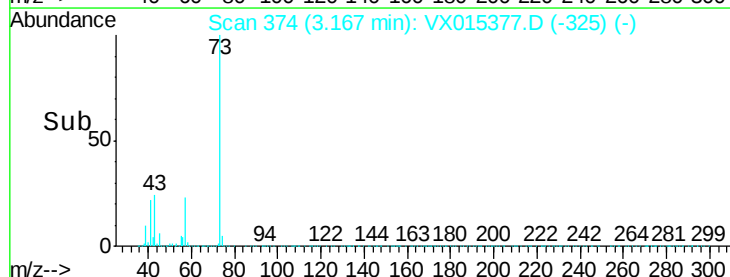
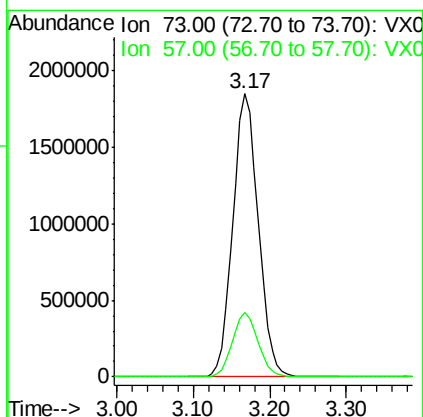
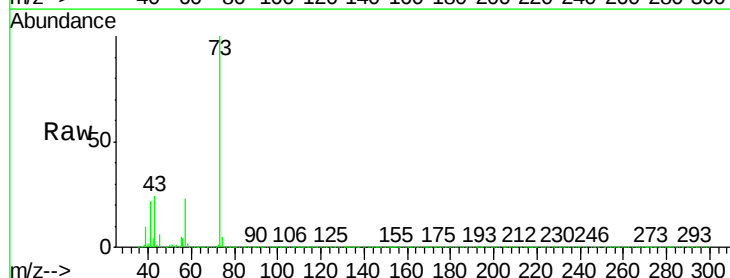
Instrument :  
MSVOA\_X  
ClientSampleId :  
PT-VOA-WP

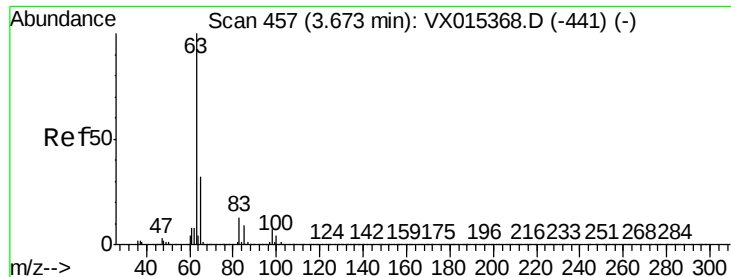
Tot Ion: 43 Resp: 1340218  
Ion Ratio Lower Upper  
43 100  
58 27.7 22.1 33.1



#19  
Methyl tert-butyl Ether  
Concen: 99.111 ug/l  
RT: 3.17 min Scan# 374  
Delta R.T. 0.00 min  
Lab File: VX015377.D  
Acq: 27 Mar 2020 13:19

Tgt Ion: 73 Resp: 4255136  
Ion Ratio Lower Upper  
73 100  
57 22.6 17.9 26.9





#24

1,1-Dichloroethane

Concen: 108.259 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

Instrument :

MSVOA\_X

ClientSampleId :

PT-VOA-WP

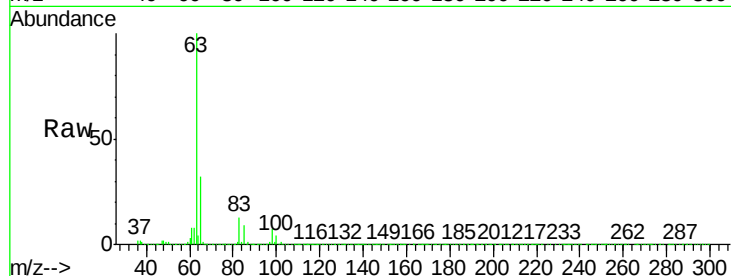
Tot Ion: 63 Resp: 2612507

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

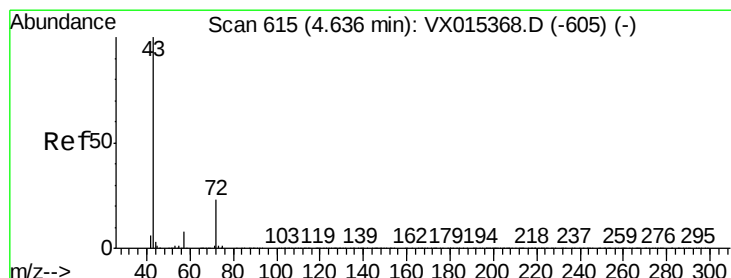
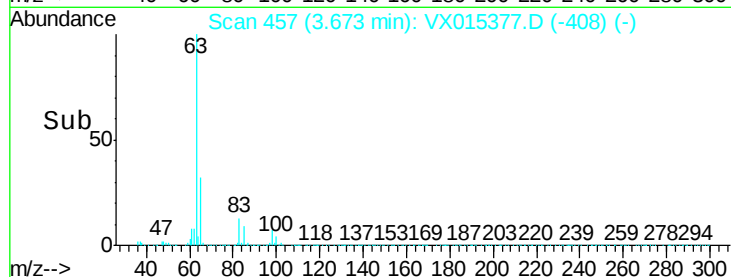
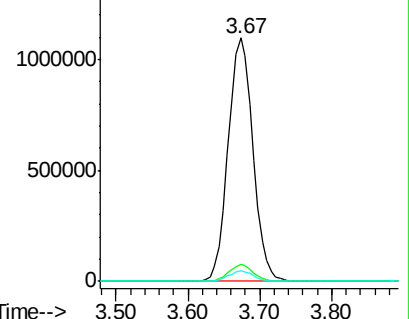
100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 110.683 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015377.D

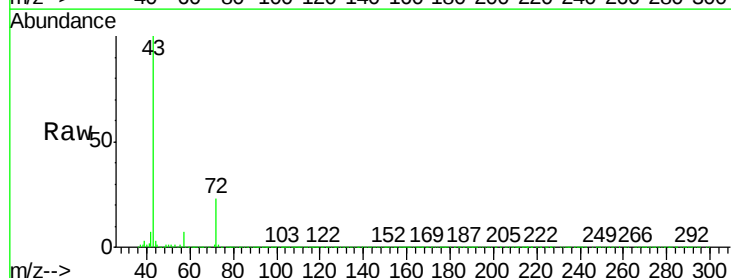
Acq: 27 Mar 2020 13:19

Tgt Ion: 43 Resp: 1264652

Ion Ratio Lower Upper

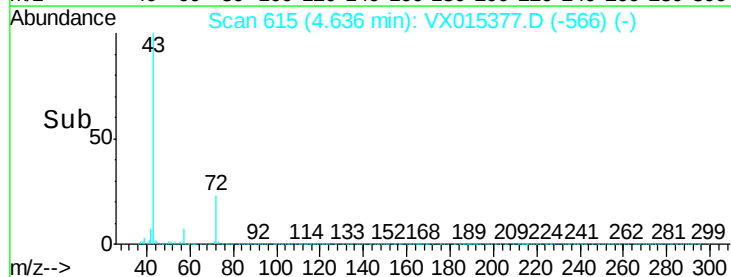
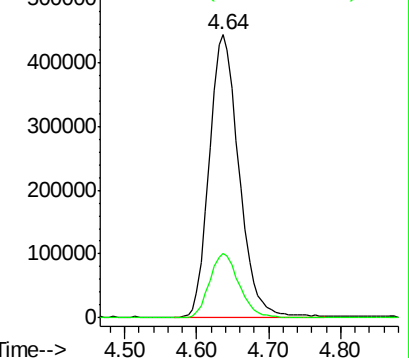
43 100

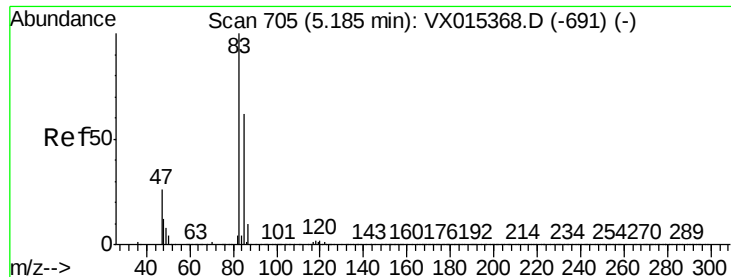
72 22.8 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

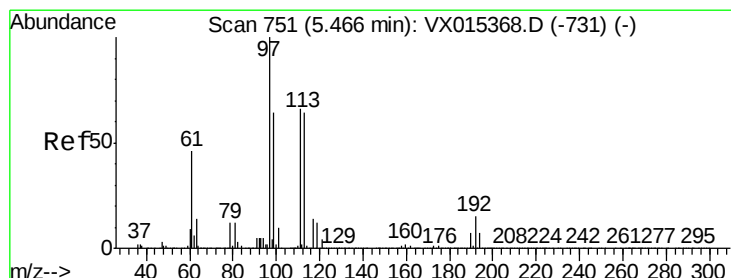
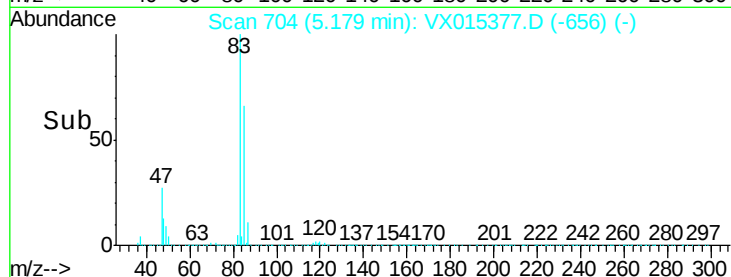
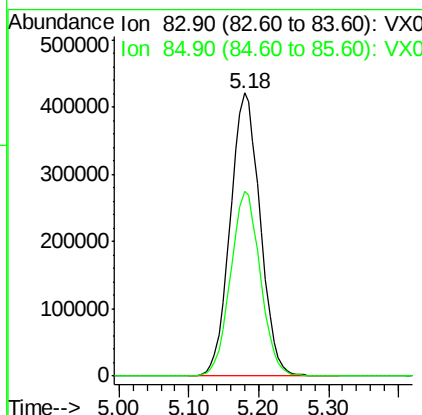
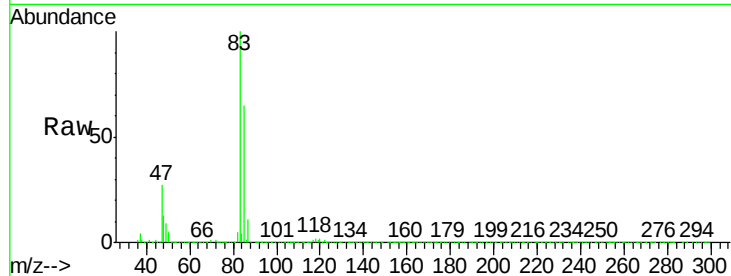




#30  
Chloroform  
Concen: 53.698 ug/l  
RT: 5.18 min Scan# 704  
Delta R.T. -0.01 min  
Lab File: VX015377.D  
Acq: 27 Mar 2020 13:19

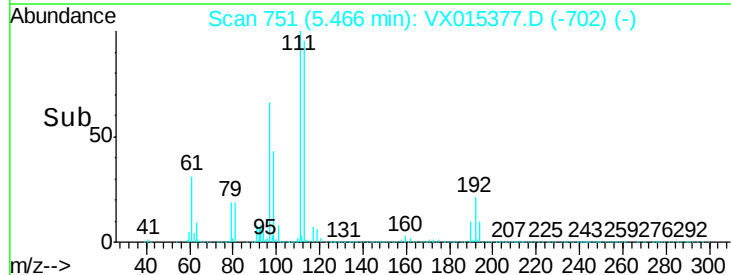
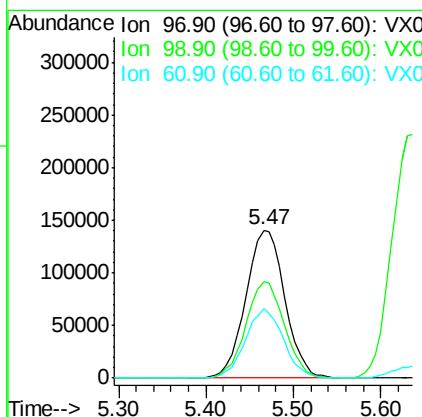
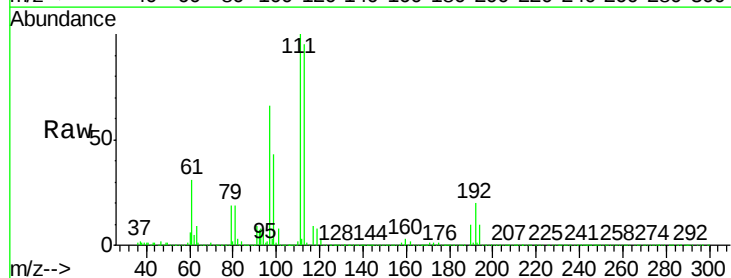
Instrument :  
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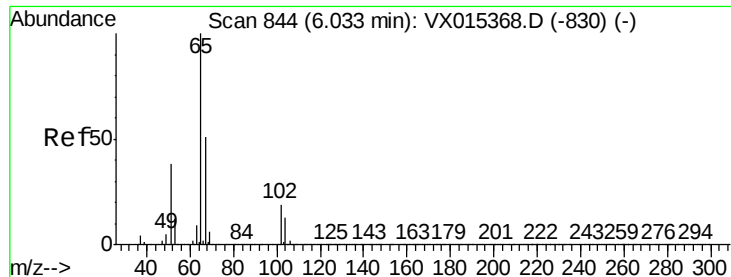
Tot Ion: 83 Resp: 1246710  
Ion Ratio Lower Upper  
83 100  
85 65.4 49.5 74.3



#32  
1,1,1-Trichloroethane  
Concen: 20.587 ug/l  
RT: 5.47 min Scan# 751  
Delta R.T. 0.00 min  
Lab File: VX015377.D  
Acq: 27 Mar 2020 13:19

Tgt Ion: 97 Resp: 432558  
Ion Ratio Lower Upper  
97 100  
99 64.4 51.0 76.4  
61 45.8 36.1 54.1

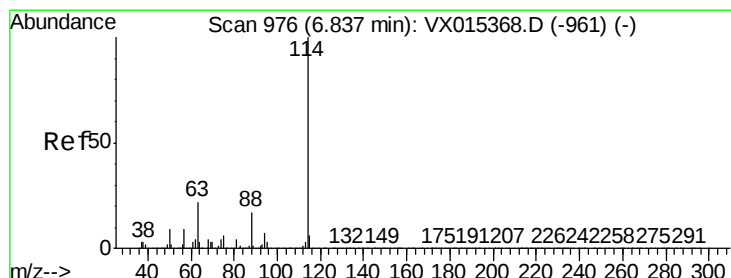
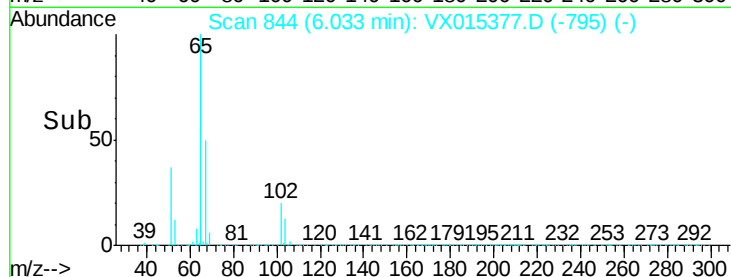
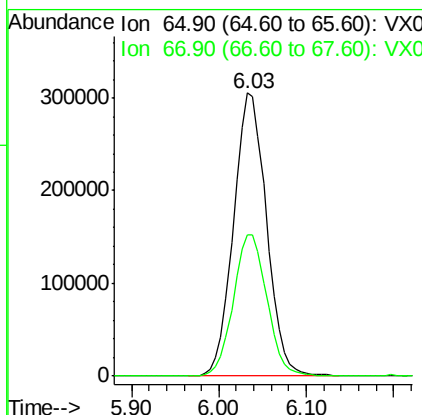
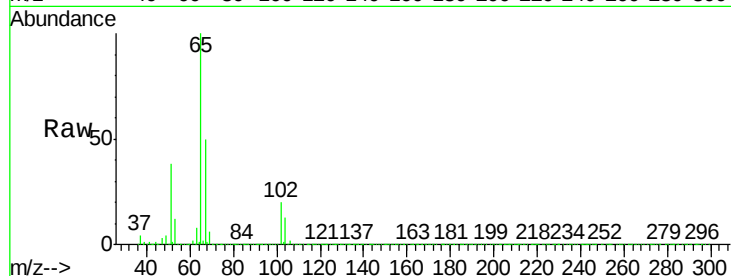




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.172 ug/l  
 RT: 6.03 min Scan# 844  
 Delta R.T. 0.00 min  
 Lab File: VX015377.D  
 Acq: 27 Mar 2020 13:19

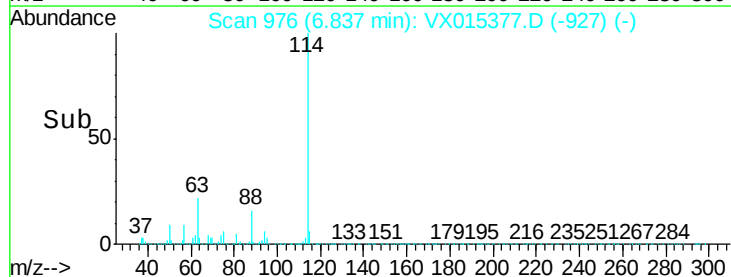
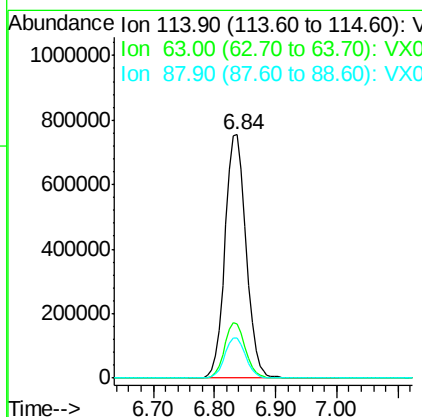
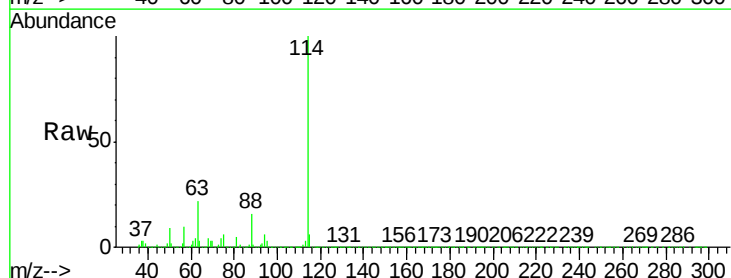
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PT-VOA-WP

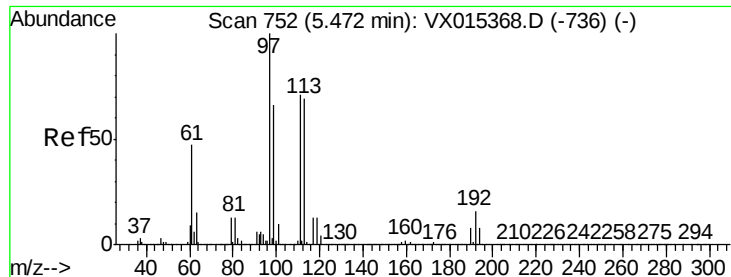
Tot Ion: 65 Resp: 796626  
 Ion Ratio Lower Upper  
 65 100  
 67 50.4 0.0 102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 976  
 Delta R.T. 0.00 min  
 Lab File: VX015377.D  
 Acq: 27 Mar 2020 13:19

Tgt Ion: 114 Resp: 1804182  
 Ion Ratio Lower Upper  
 114 100  
 63 22.2 0.0 44.2  
 88 16.4 0.0 33.8

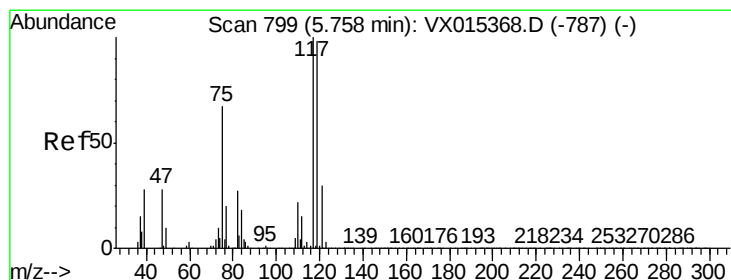
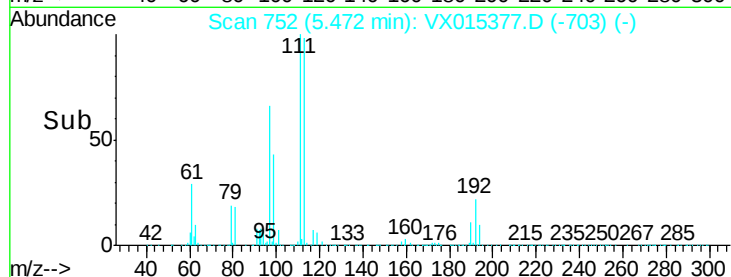
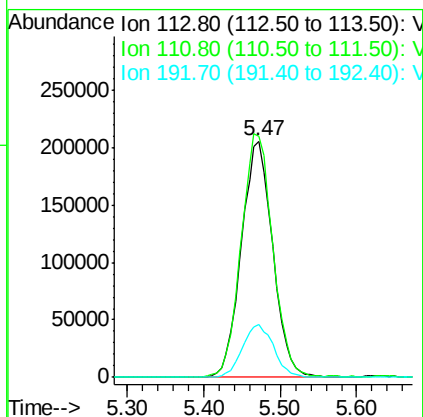
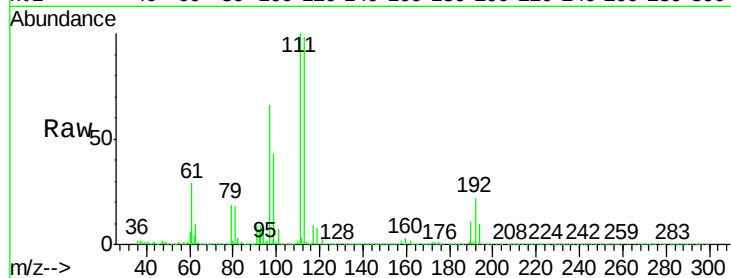




#35  
Dibromofluoromethane  
Concen: 50.606 ug/l  
RT: 5.47 min Scan# 752  
Delta R.T. 0.00 min  
Lab File: VX015377.D  
Acq: 27 Mar 2020 13:19

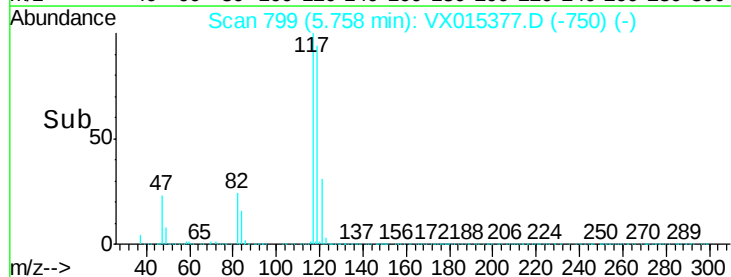
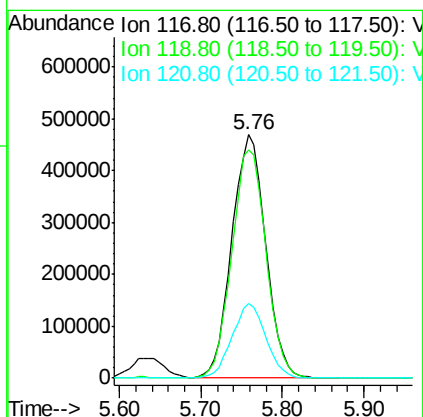
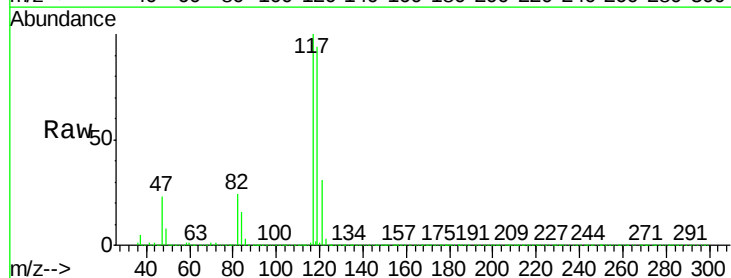
Instrument :  
MSVOA\_X  
ClientSampled :  
PT-VOA-WP

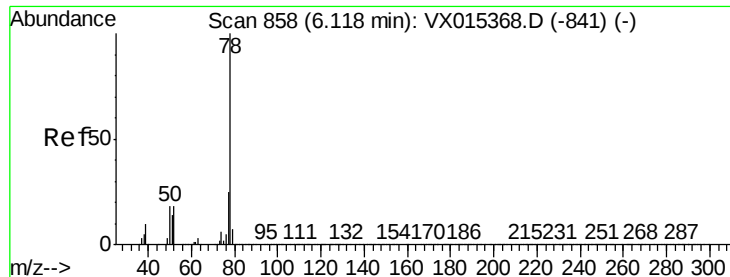
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 104.0 | 81.5  | 122.3 |
| 192     | 22.5  | 17.8  | 26.6  |



#38  
Carbon Tetrachloride  
Concen: 74.584 ug/l  
RT: 5.76 min Scan# 799  
Delta R.T. 0.00 min  
Lab File: VX015377.D  
Acq: 27 Mar 2020 13:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.6  | 78.0  | 117.0 |
| 121     | 30.5  | 23.8  | 35.8  |





#40

Benzene

Concen: 18.291 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

Instrument :

MSVOA\_X

ClientSampleId :

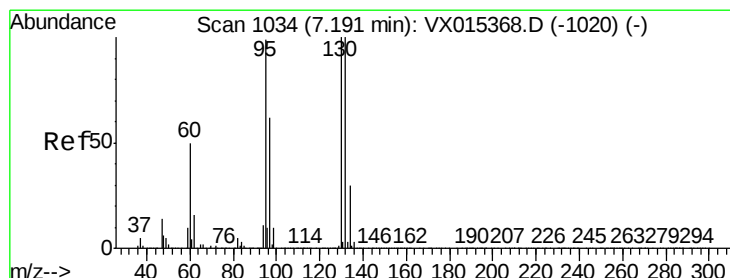
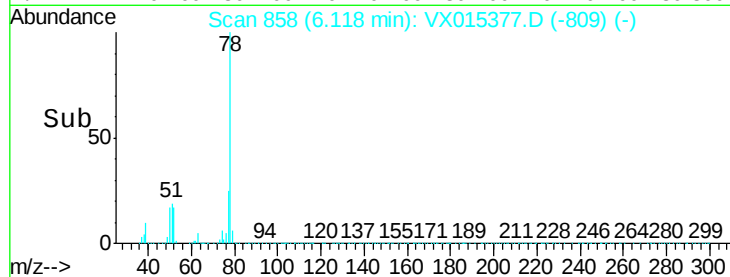
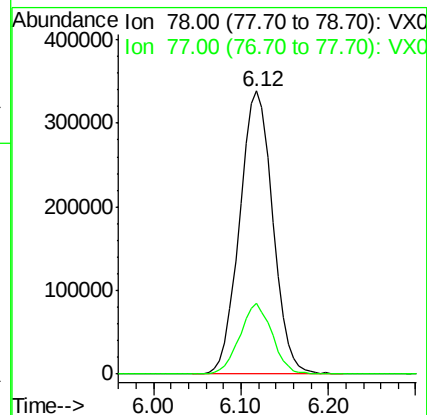
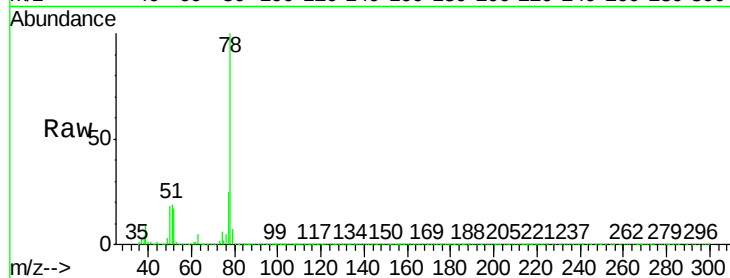
PT-VOA-WP

Tot Ion: 78 Resp: 890657

Ion Ratio Lower Upper

78 100

77 25.1 19.8 29.8



#44

Trichloroethene

Concen: 3.347 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015377.D

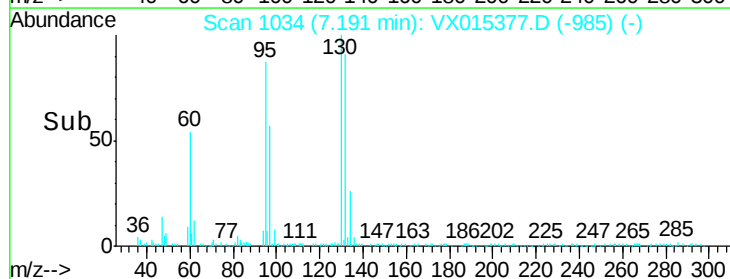
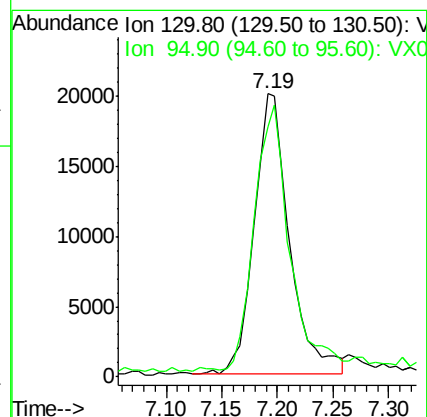
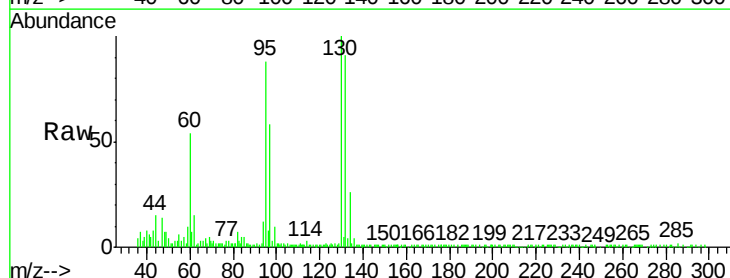
Acq: 27 Mar 2020 13:19

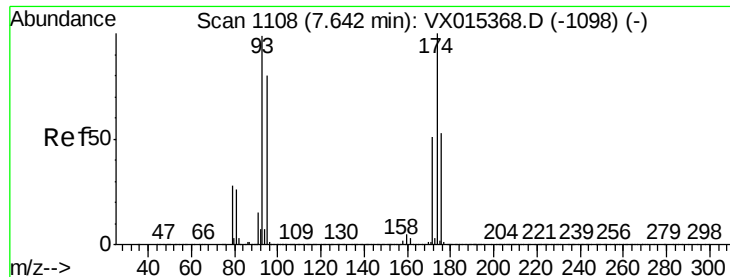
Tgt Ion:130 Resp: 44451

Ion Ratio Lower Upper

130 100

95 86.9 0.0 199.0





#46

Dibromomethane

Concen: 32.016 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

Instrument :

MSVOA\_X

ClientSampleId :

PT-VOA-WP

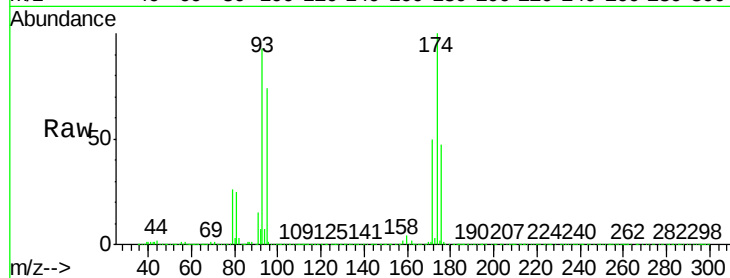
Tot Ion: 93 Resp: 279765

Ion Ratio Lower Upper

93 100

95 84.0 65.8 98.8

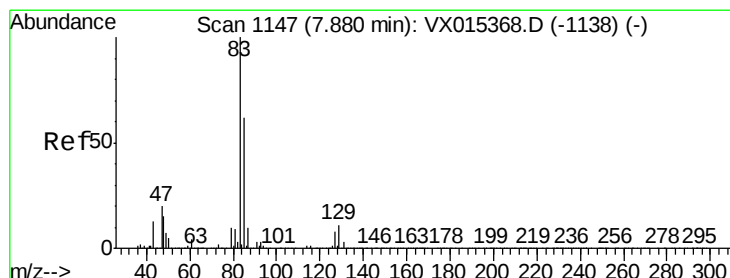
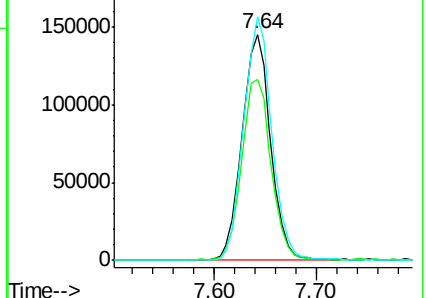
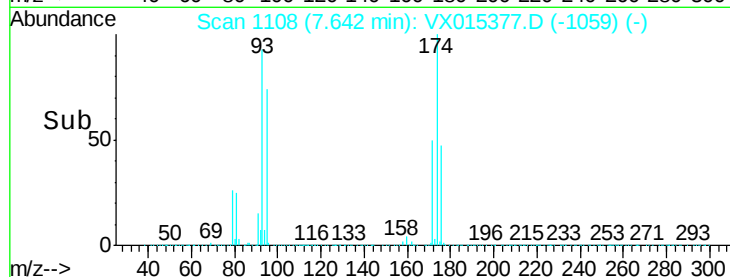
174 107.5 86.2 129.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 38.453 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

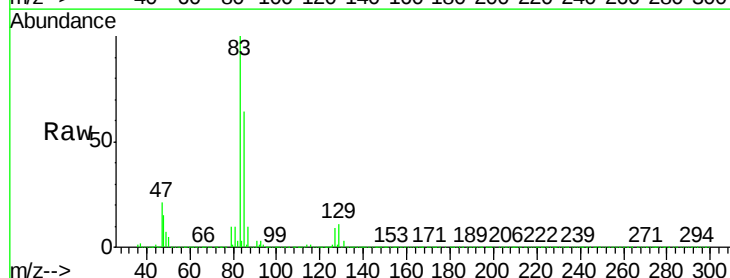
Tgt Ion: 83 Resp: 715971

Ion Ratio Lower Upper

83 100

85 63.8 49.7 74.5

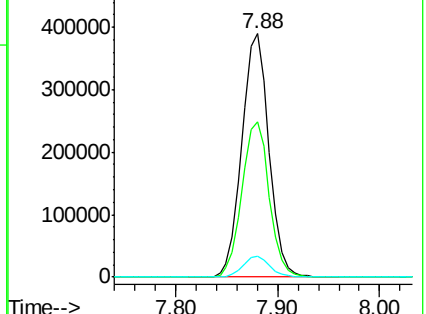
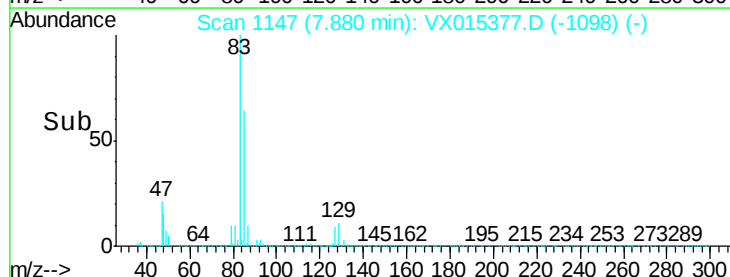
127 8.4 6.7 10.1

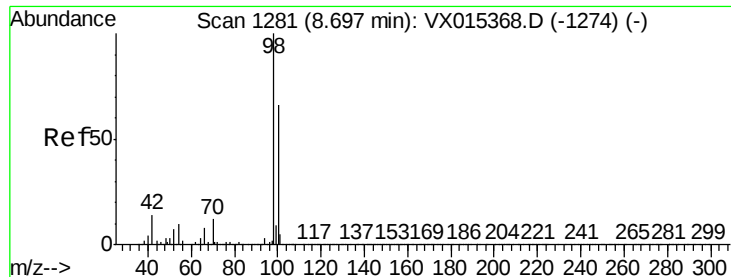


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 51.406 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

Instrument :

MSVOA\_X

ClientSampleId :

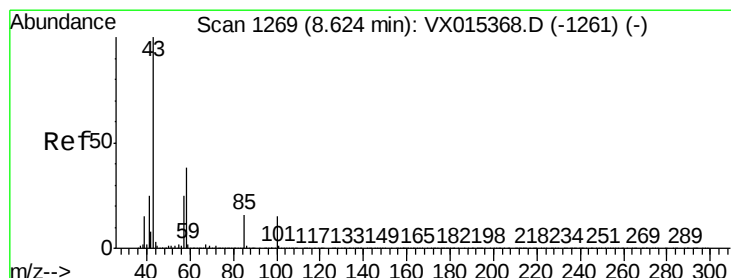
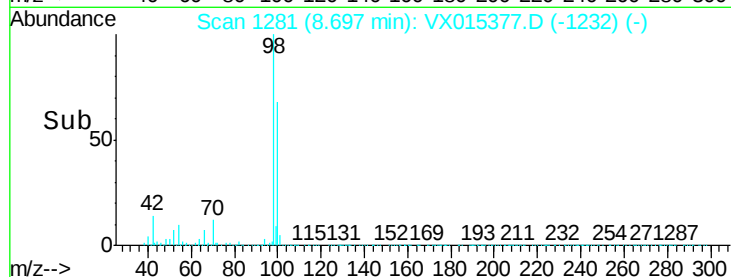
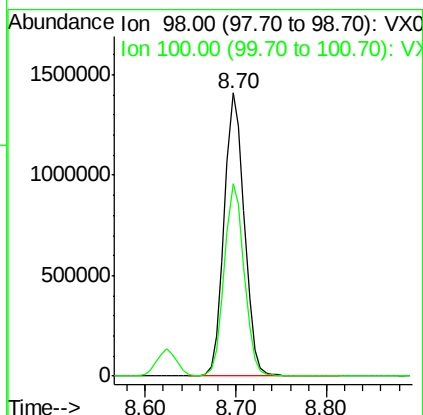
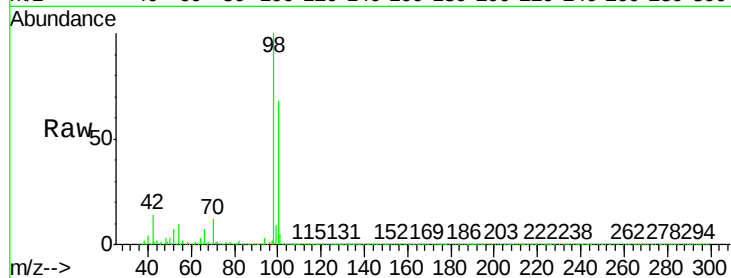
PT-VOA-WP

Tot Ion: 98 Resp: 2182734

Ion Ratio Lower Upper

98 100

100 67.2 53.5 80.3



#51

4-Methyl-2-Pentanone

Concen: 70.518 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015377.D

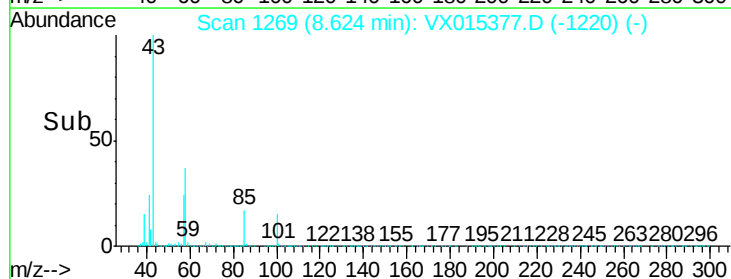
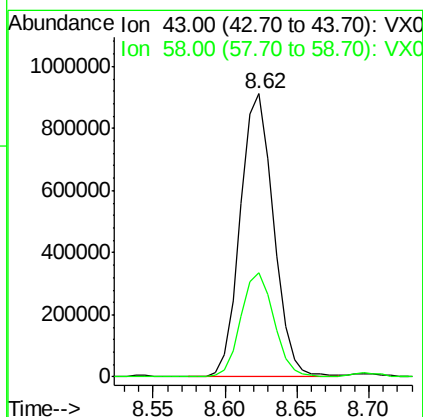
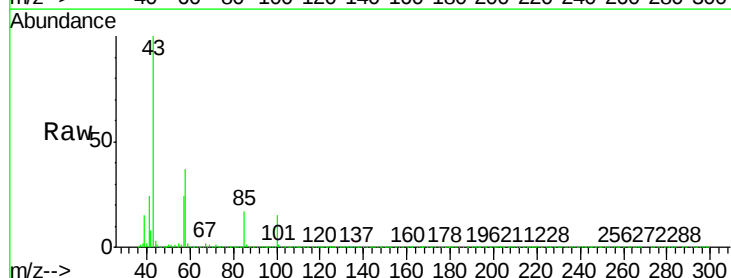
Acq: 27 Mar 2020 13:19

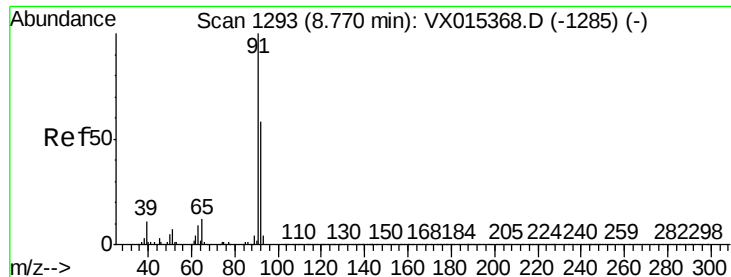
Tgt Ion: 43 Resp: 1460236

Ion Ratio Lower Upper

43 100

58 36.7 29.7 44.5





#52

Toluene

Concen: 21.974 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

Instrument :

MSVOA\_X

ClientSampleId :

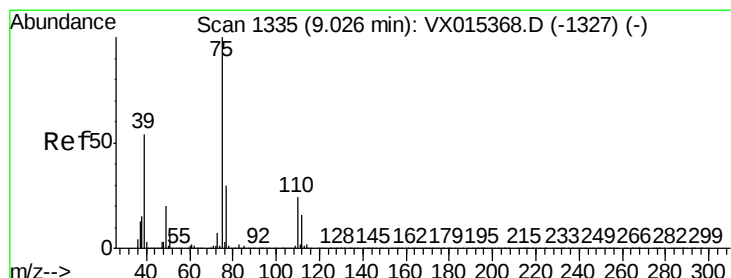
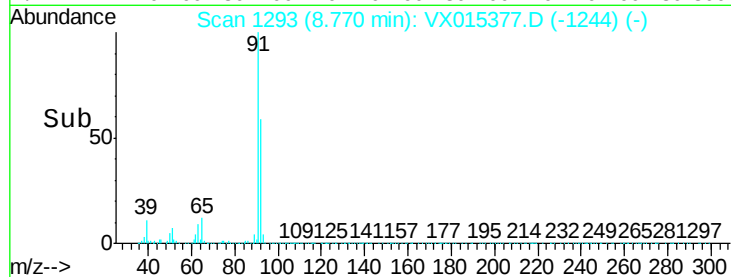
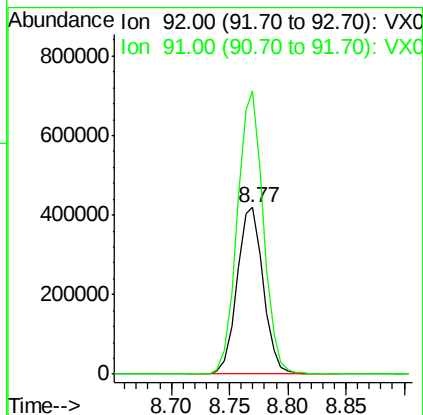
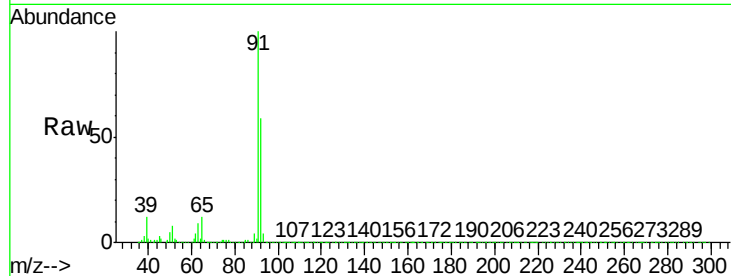
PT-VOA-WP

Tot Ion: 92 Resp: 659703

Ion Ratio Lower Upper

92 100

91 168.1 136.6 205.0



#53

t-1,3-Dichloropropene

Concen: 91.331 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015377.D

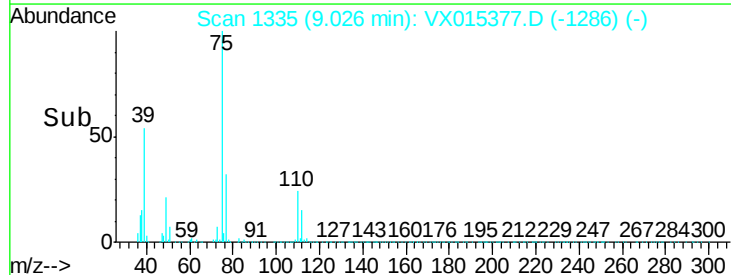
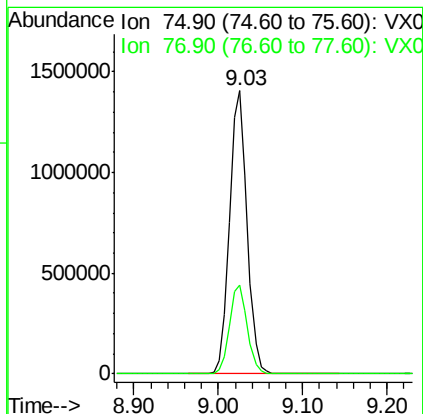
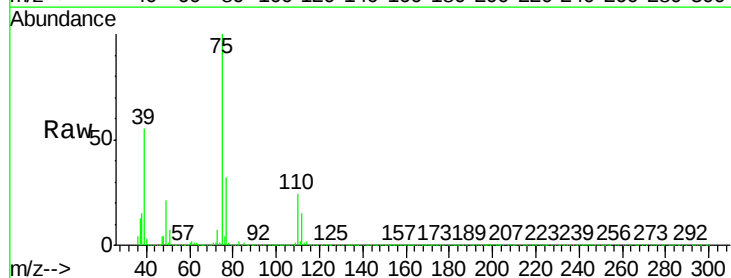
Acq: 27 Mar 2020 13:19

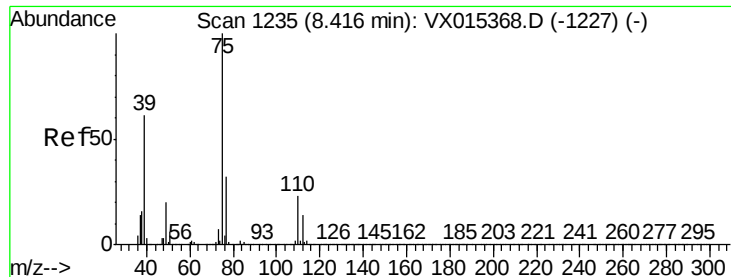
Tgt Ion: 75 Resp: 1994414

Ion Ratio Lower Upper

75 100

77 31.5 24.1 36.1



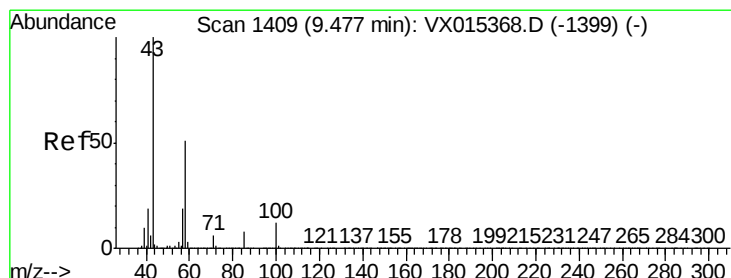
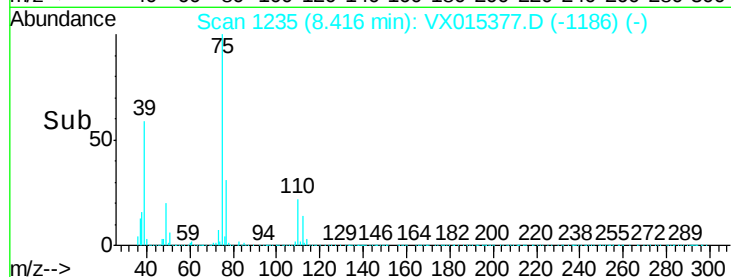
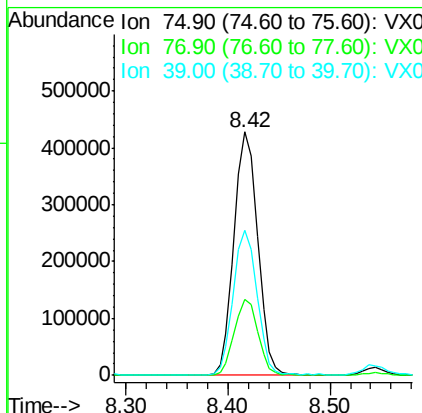
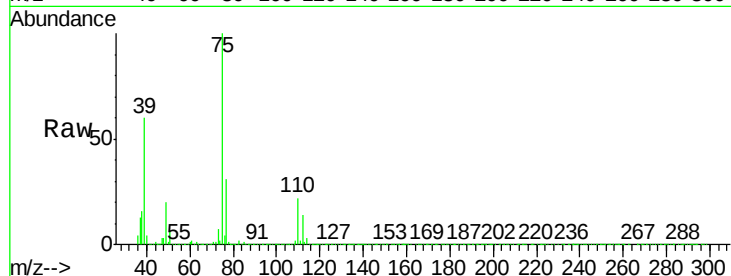


#54

cis-1,3-Dichloropropene  
 Concen: 31.049 ug/l  
 RT: 8.42 min Scan# 1235  
 Delta R.T. 0.00 min  
 Lab File: VX015377.D  
 Acq: 27 Mar 2020 13:19

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 PT-VOA-WP

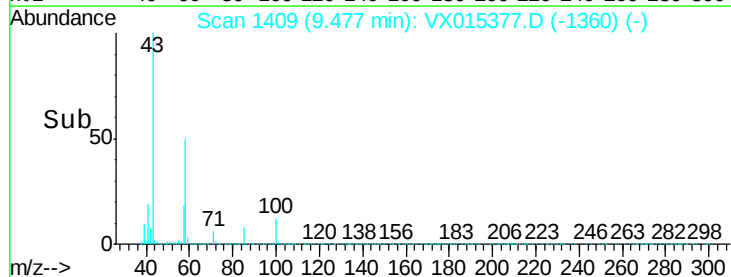
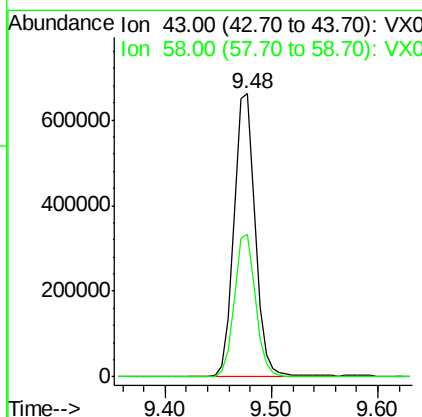
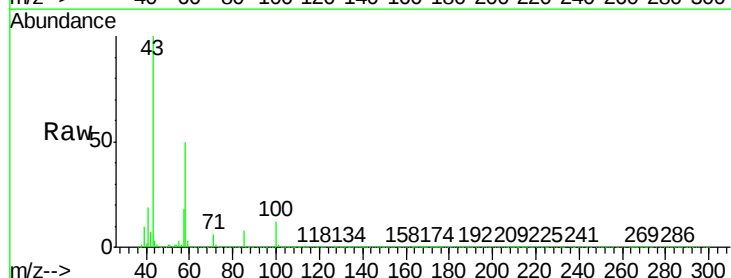
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.1  | 25.8  | 38.6  |
| 39      | 59.5  | 49.0  | 73.4  |

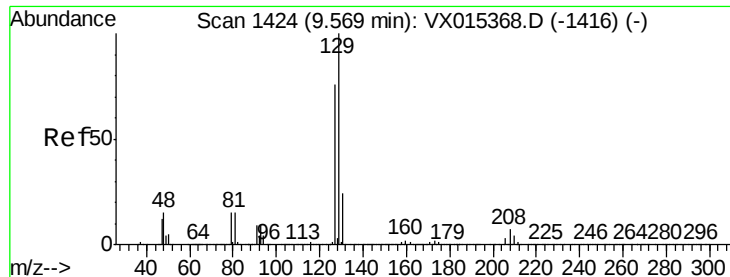


#59

2-Hexanone  
 Concen: 59.124 ug/l  
 RT: 9.48 min Scan# 1409  
 Delta R.T. 0.00 min  
 Lab File: VX015377.D  
 Acq: 27 Mar 2020 13:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 50.3  | 25.6  | 76.6  |





#60

Dibromochloromethane

Concen: 77.282 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

Instrument :

MSVOA\_X

ClientSampleId :

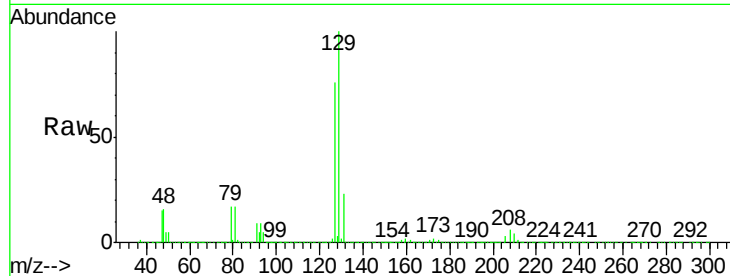
PT-VOA-WP

Tot Ion:129 Resp: 1142229

Ion Ratio Lower Upper

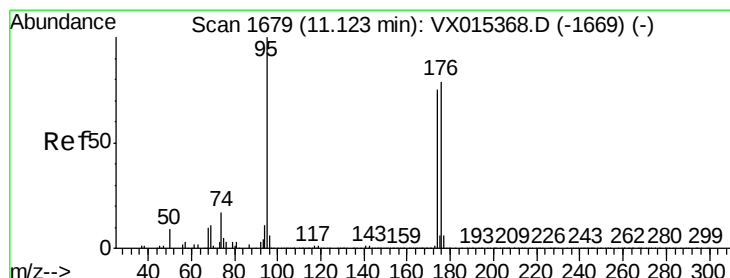
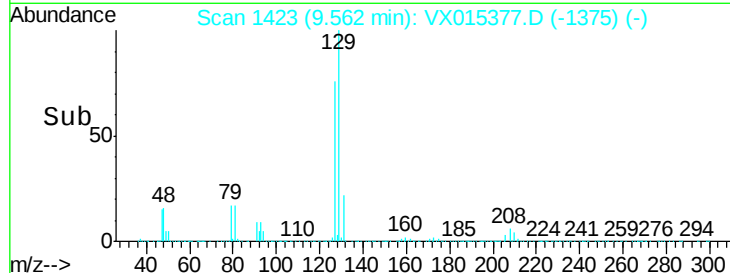
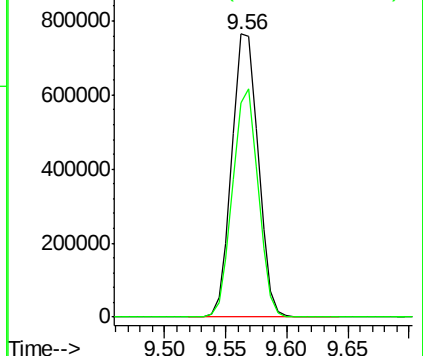
129 100

127 77.9 38.2 114.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 51.092 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

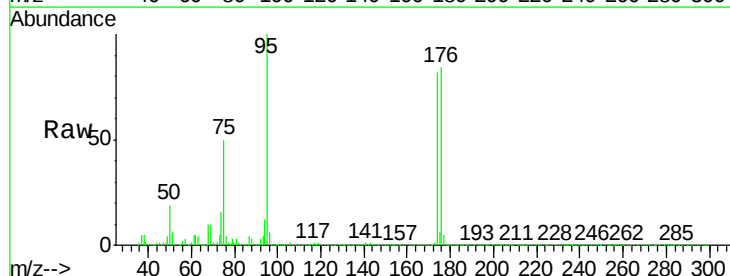
Tgt Ion: 95 Resp: 881654

Ion Ratio Lower Upper

95 100

174 79.5 0.0 158.6

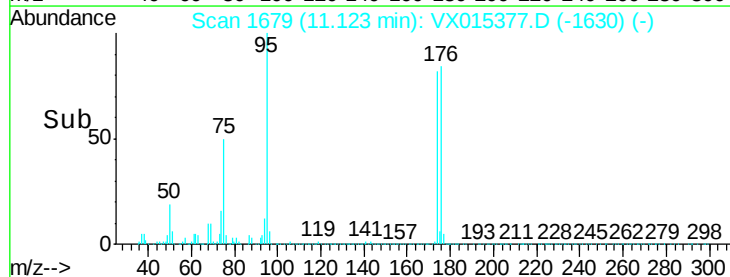
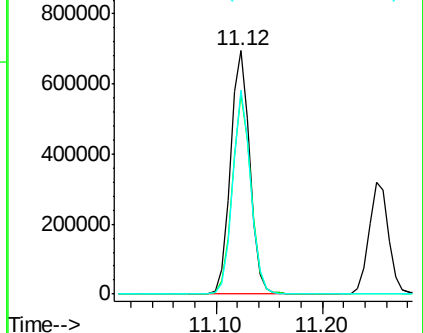
176 78.8 0.0 159.0

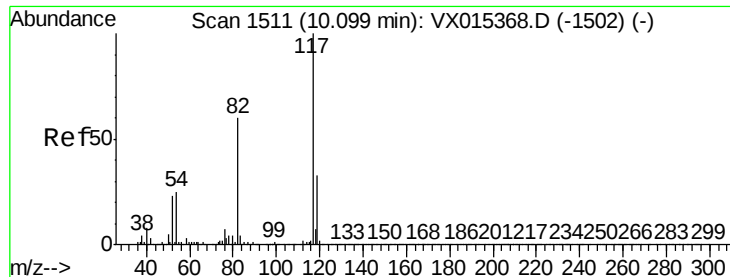


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

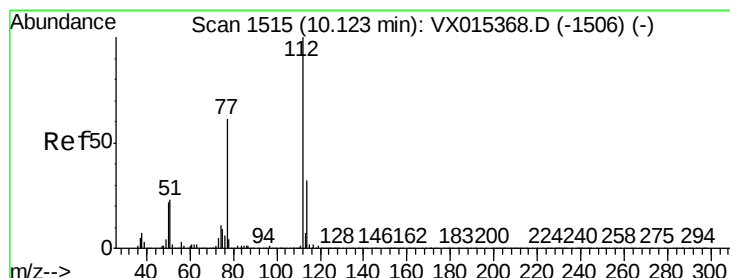
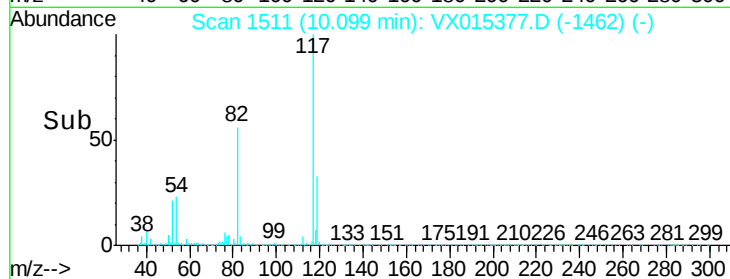
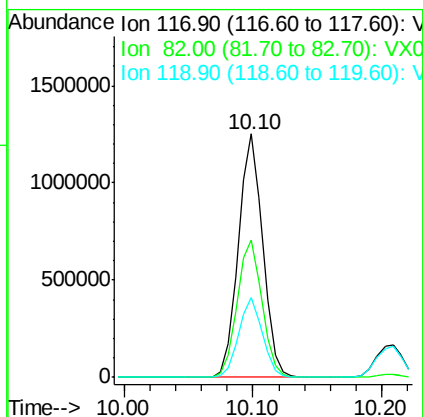
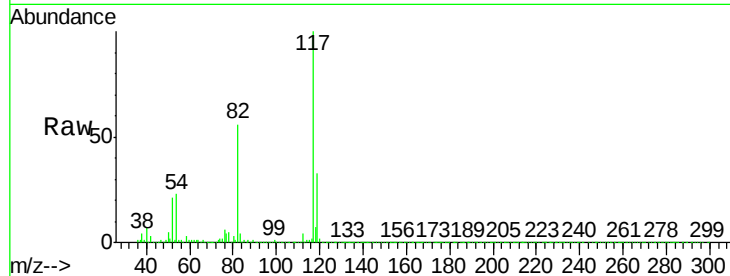




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: VX015377.D  
Acq: 27 Mar 2020 13:19

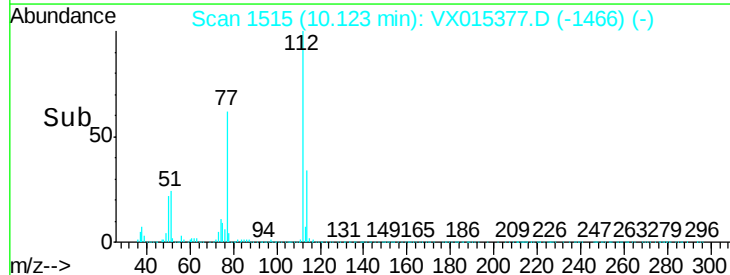
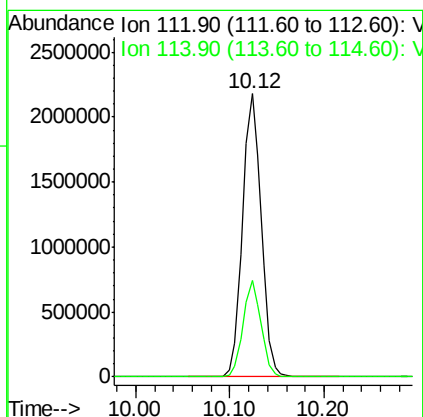
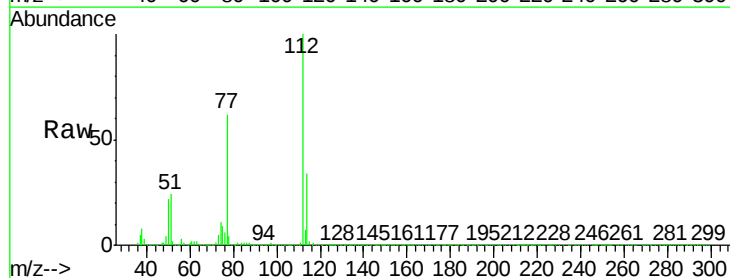
Instrument :  
MSVOA\_X  
ClientSampleId :  
PT-VOA-WP

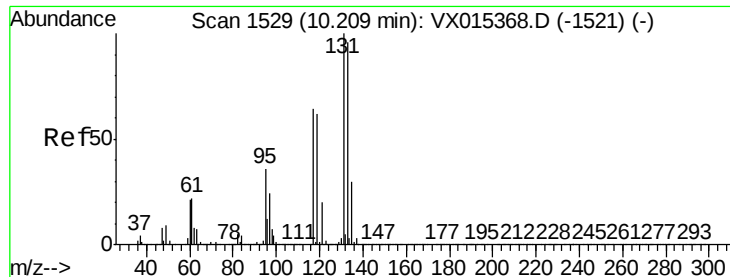
Tot Ion:117 Resp: 1636363  
Ion Ratio Lower Upper  
117 100  
82 56.3 47.8 71.8  
119 32.7 26.8 40.2



#65  
Chlorobenzene  
Concen: 92.069 ug/l  
RT: 10.12 min Scan# 1515  
Delta R.T. 0.00 min  
Lab File: VX015377.D  
Acq: 27 Mar 2020 13:19

Tgt Ion:112 Resp: 3004580  
Ion Ratio Lower Upper  
112 100  
114 33.9 25.5 38.3

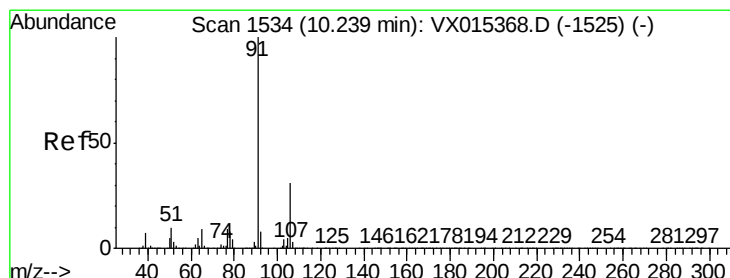
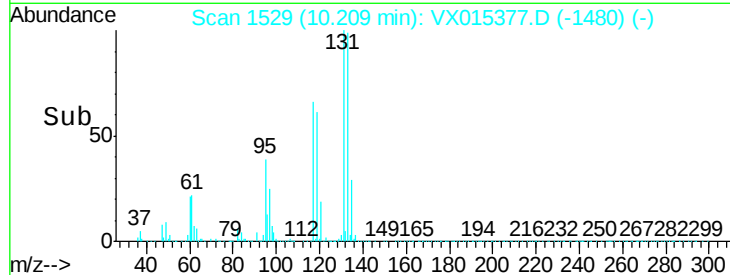
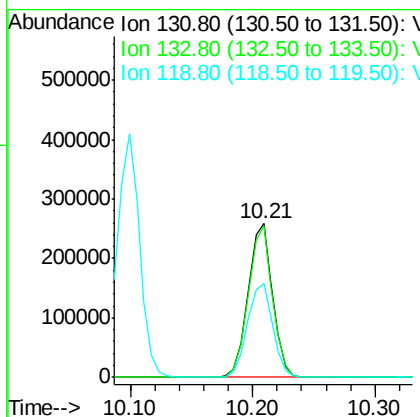
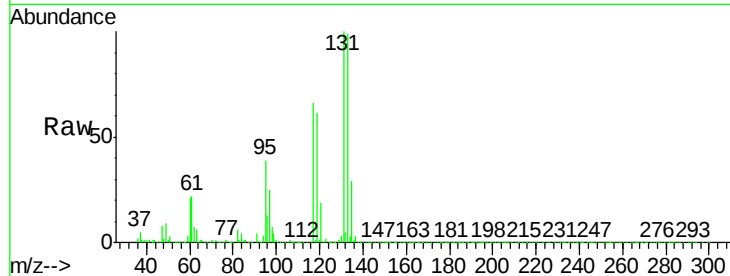




#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 27.477 ug/l  
 RT: 10.21 min Scan# 1529  
 Delta R.T. 0.00 min  
 Lab File: VX015377.D  
 Acq: 27 Mar 2020 13:19

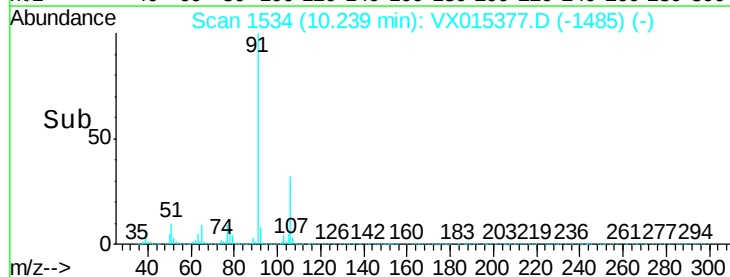
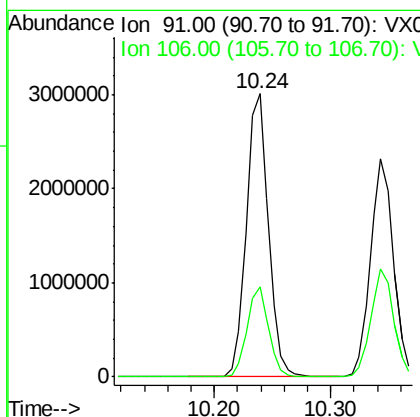
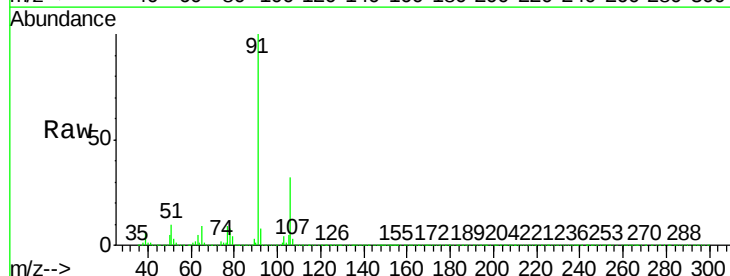
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 PT-VOA-WP

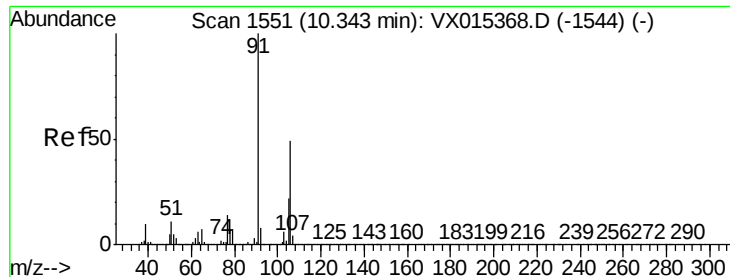
Tot Ion:131 Resp: 358231  
 Ion Ratio Lower Upper  
 131 100  
 133 97.2 47.6 142.9  
 119 63.2 31.1 93.3



#67  
 Ethyl Benzene  
 Concen: 68.925 ug/l  
 RT: 10.24 min Scan# 1534  
 Delta R.T. 0.00 min  
 Lab File: VX015377.D  
 Acq: 27 Mar 2020 13:19

Tgt Ion: 91 Resp: 3989343  
 Ion Ratio Lower Upper  
 91 100  
 106 32.0 24.8 37.2





#68

m/p-Xvlenes

Concen: 72.598 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

Instrument :

MSVOA\_X

ClientSampleId :

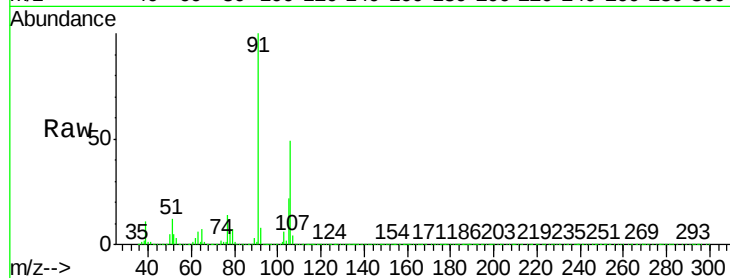
PT-VOA-WP

Tot Ion:106 Resp: 1564668

Ion Ratio Lower Upper

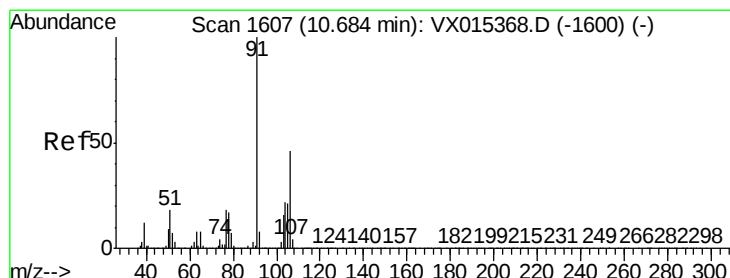
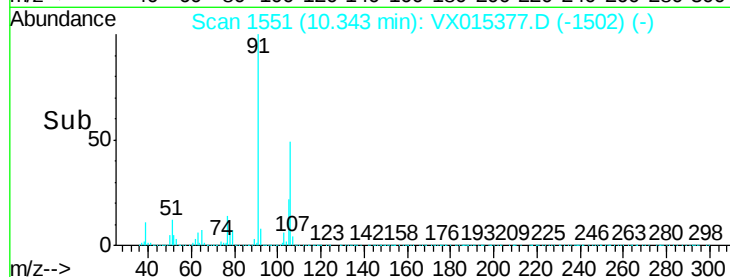
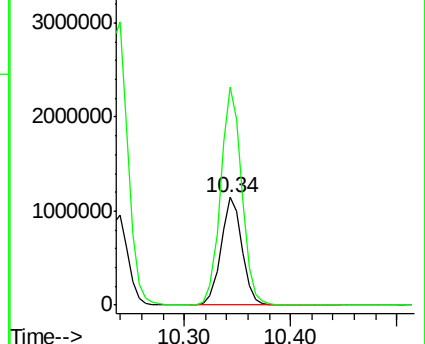
106 100

91 204.0 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 78.177 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015377.D

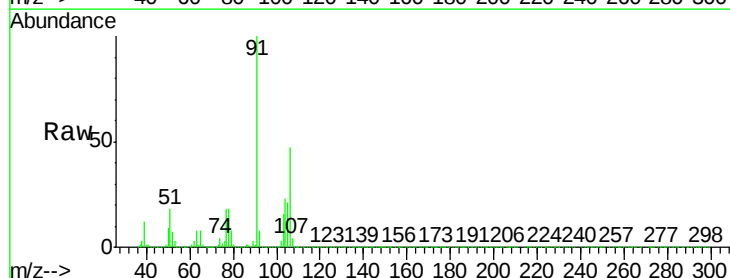
Acq: 27 Mar 2020 13:19

Tgt Ion:106 Resp: 1664964

Ion Ratio Lower Upper

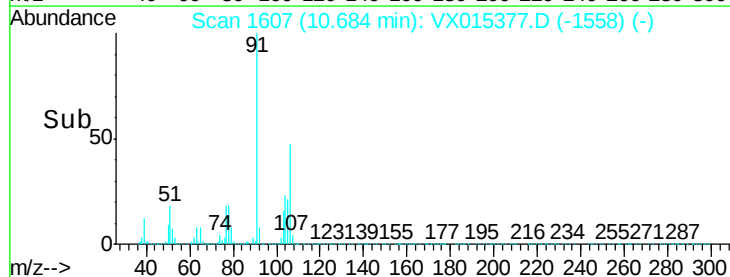
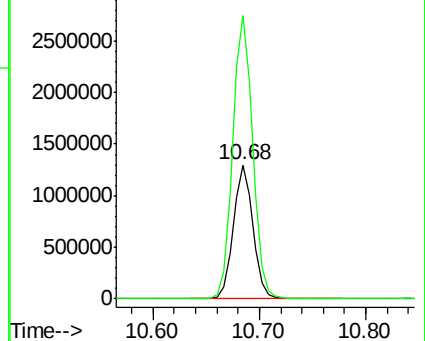
106 100

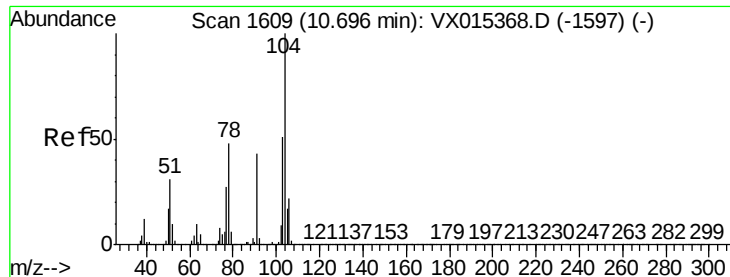
91 216.0 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

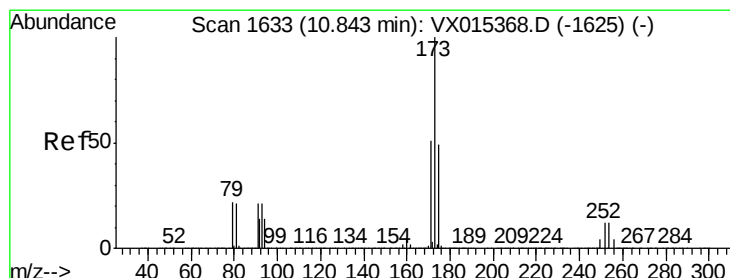
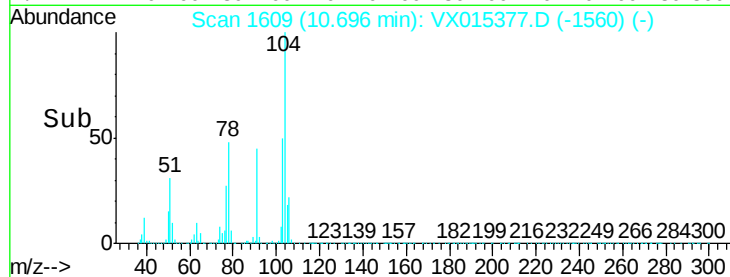
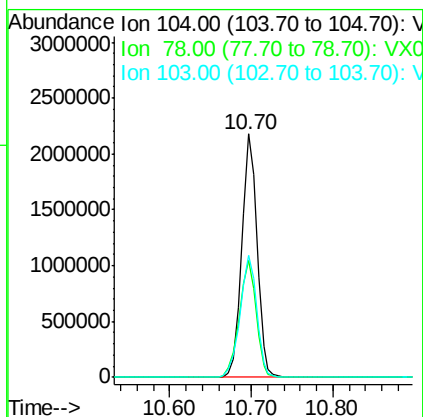
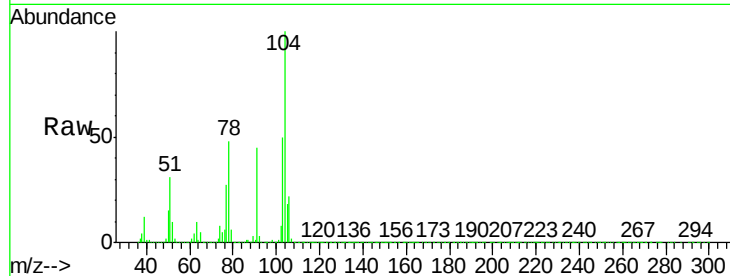




#70  
Stvrene  
Concen: 74.309 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX015377.D  
Acq: 27 Mar 2020 13:19

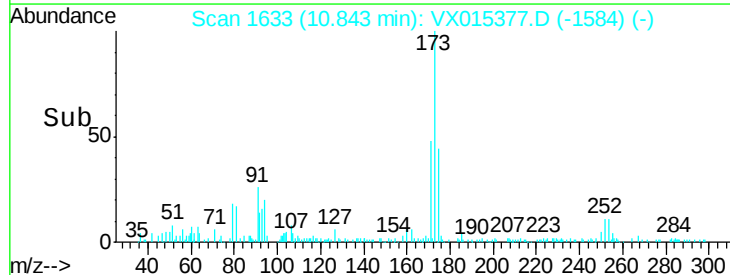
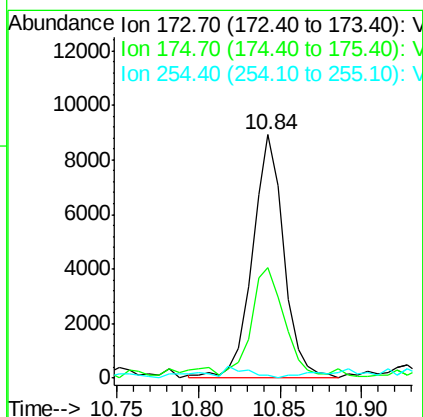
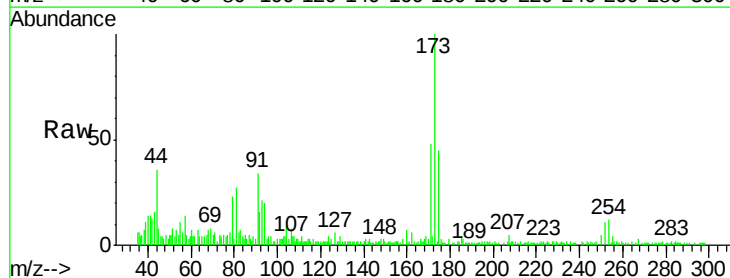
Instrument :  
MSVOA\_X  
ClientSampleId :  
PT-VOA-WP

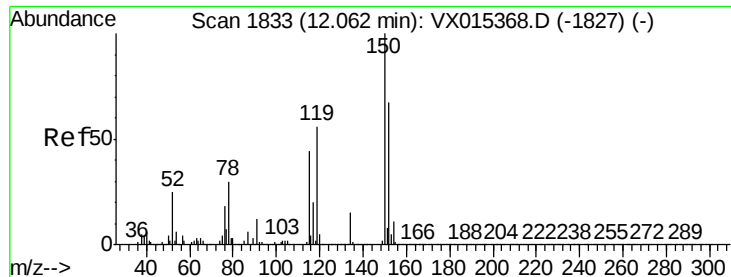
Tot Ion:104 Resp: 2784823  
Ion Ratio Lower Upper  
104 100  
78 53.0 42.0 63.0  
103 54.8 43.4 65.0



#71  
Bromoform  
Concen: 1.010 ug/l  
RT: 10.84 min Scan# 1633  
Delta R.T. 0.00 min  
Lab File: VX015377.D  
Acq: 27 Mar 2020 13:19

Tgt Ion:173 Resp: 11986  
Ion Ratio Lower Upper  
173 100  
175 45.9 23.9 71.7  
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

Instrument :

MSVOA\_X

ClientSampled :

PT-VOA-WP

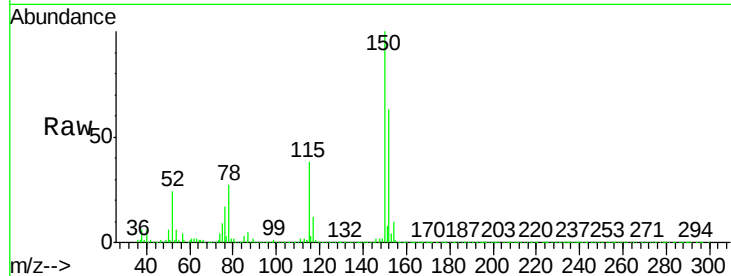
Tot Ion:152 Resp: 840190

Ion Ratio Lower Upper

152 100

115 57.9 39.0 116.9

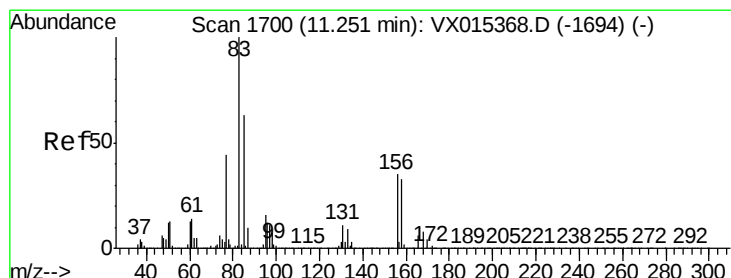
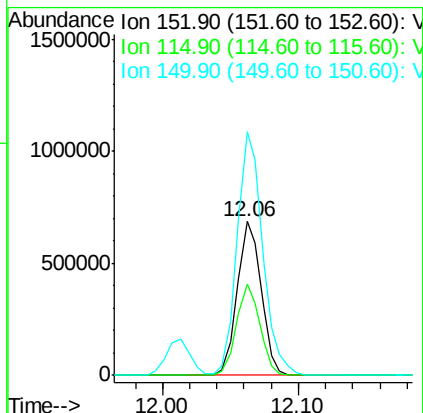
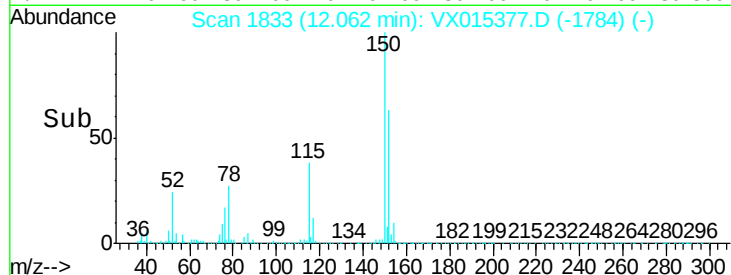
150 169.1 0.0 340.8



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



#75

1,1,2,2-Tetrachloroethane

Concen: 132.605 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

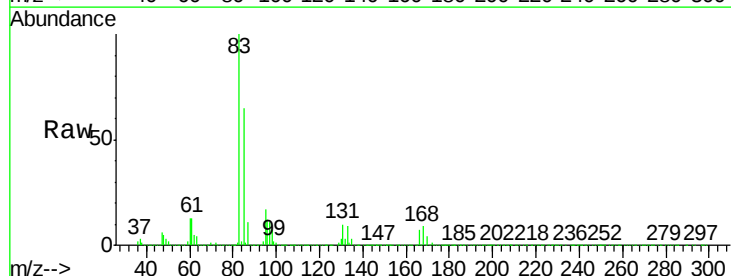
Tgt Ion: 83 Resp: 2504910

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

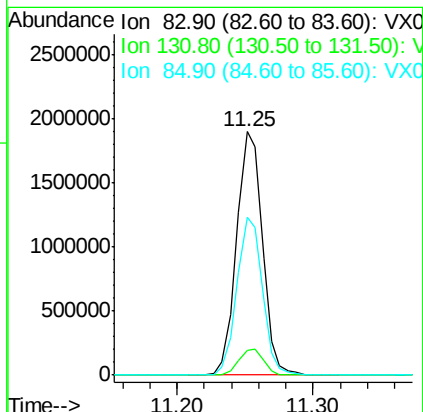
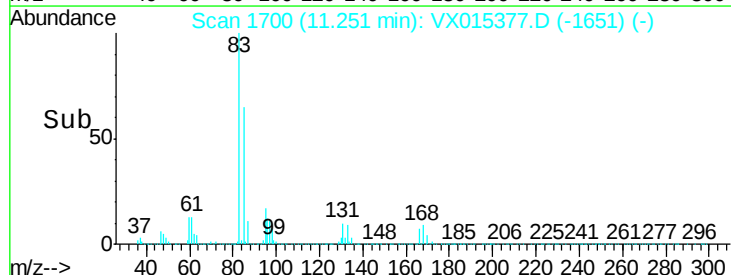
85 64.0 32.0 96.0

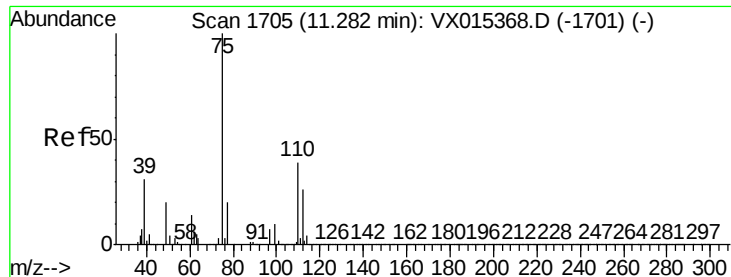


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

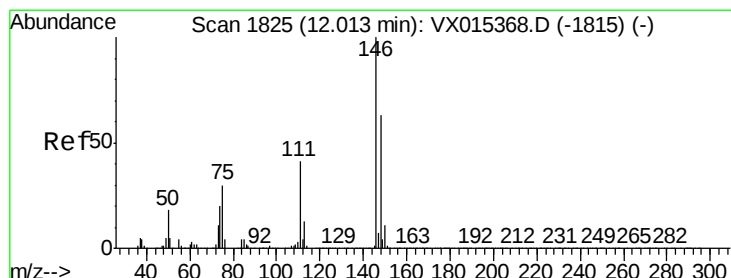
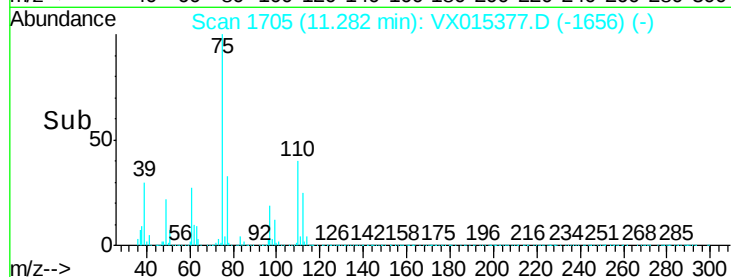
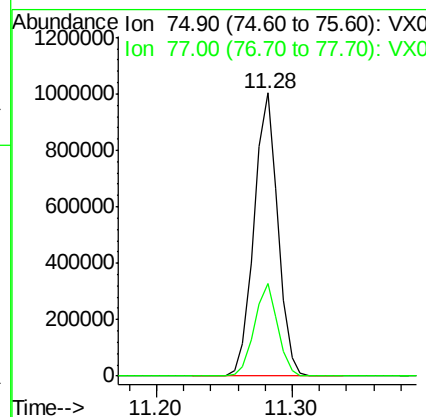
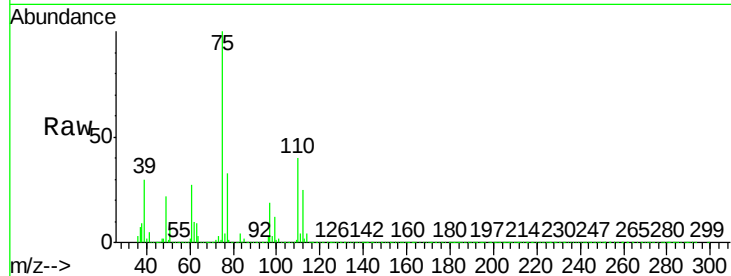




#76  
 1,2,3-Trichloropropane  
 Concen: 71.150 ug/l  
 RT: 11.28 min Scan# 1705  
 Delta R.T. 0.00 min  
 Lab File: VX015377.D  
 Acq: 27 Mar 2020 13:19

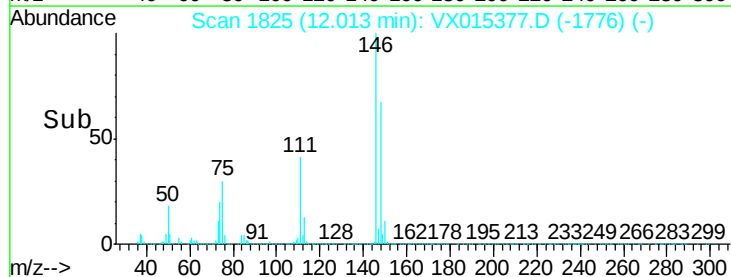
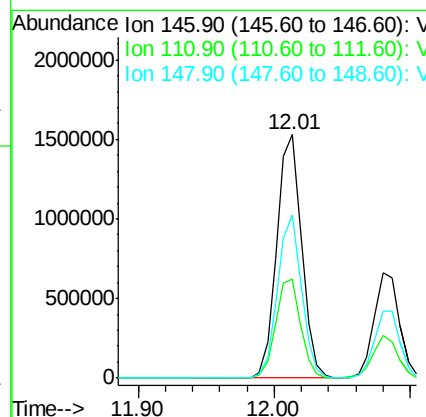
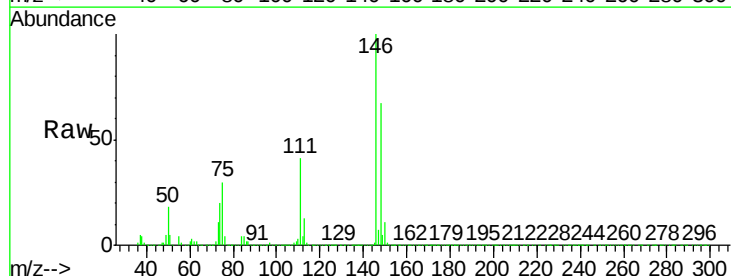
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 PT-VOA-WP

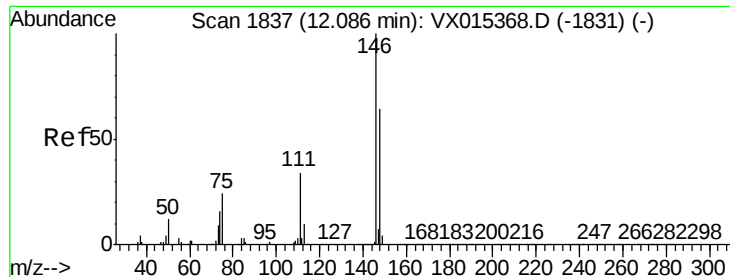
Tot Ion: 75 Resp: 1229323  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 21.2 63.6



#87  
 1,3-Dichlorobenzene  
 Concen: 74.604 ug/l  
 RT: 12.01 min Scan# 1825  
 Delta R.T. 0.00 min  
 Lab File: VX015377.D  
 Acq: 27 Mar 2020 13:19

Tgt Ion: 146 Resp: 1961146  
 Ion Ratio Lower Upper  
 146 100  
 111 40.8 20.3 60.9  
 148 64.8 31.3 93.9





#88

1,4-Dichlorobenzene

Concen: 31.959 ug/l

RT: 12.08 min Scan# 1836

Delta R.T. -0.01 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

Instrument :

MSVOA\_X

ClientSampleId :

PT-VOA-WP

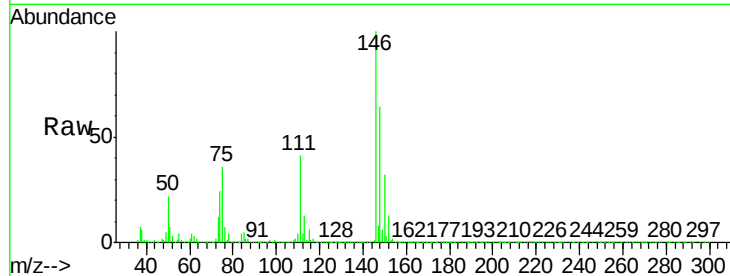
Tot Ion:146 Resp: 855751

Ion Ratio Lower Upper

146 100

111 40.0 19.1 57.5

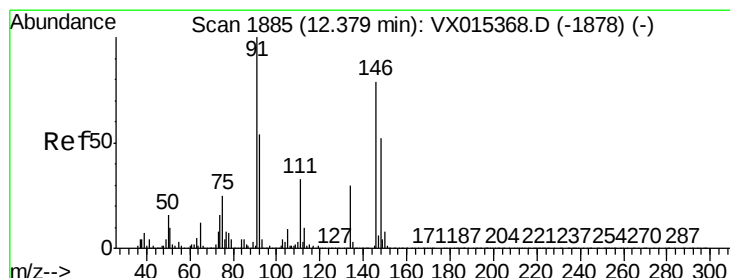
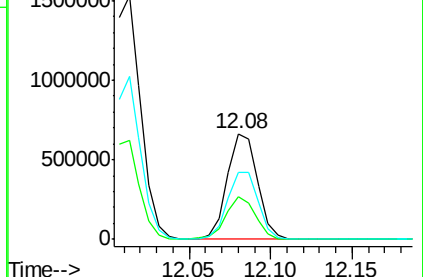
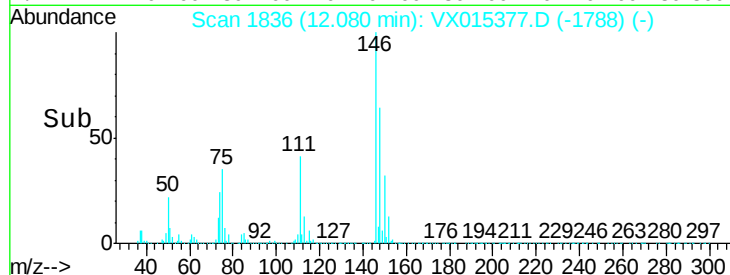
148 65.1 32.4 97.2



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: 23.385 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

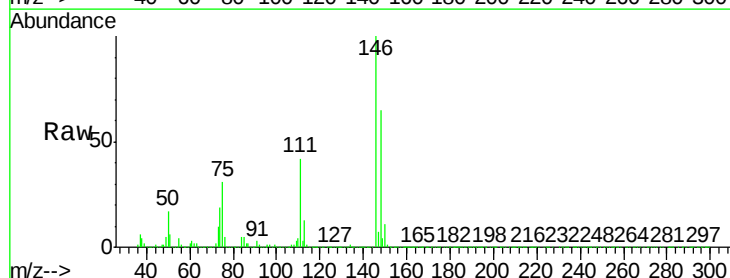
Tgt Ion:146 Resp: 601613

Ion Ratio Lower Upper

146 100

111 41.7 21.0 63.0

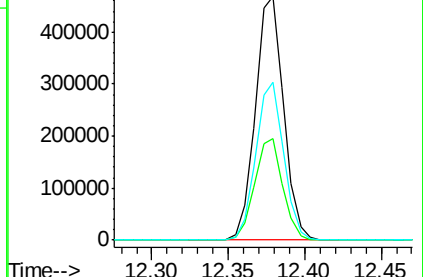
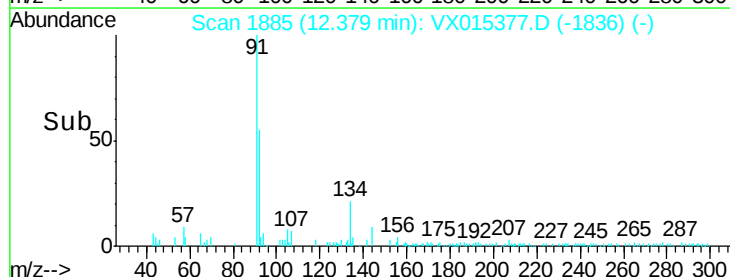
148 64.2 32.4 97.0

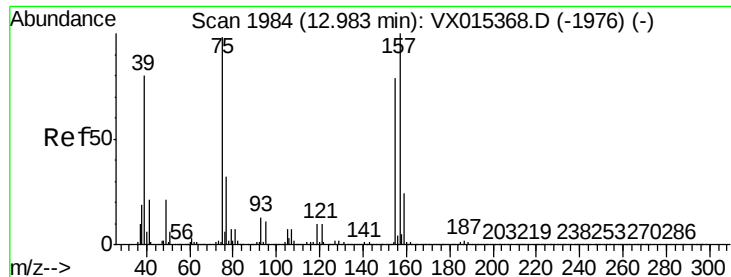


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.297 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

Instrument :

MSVOA\_X

ClientSampled :

PT-VOA-WP

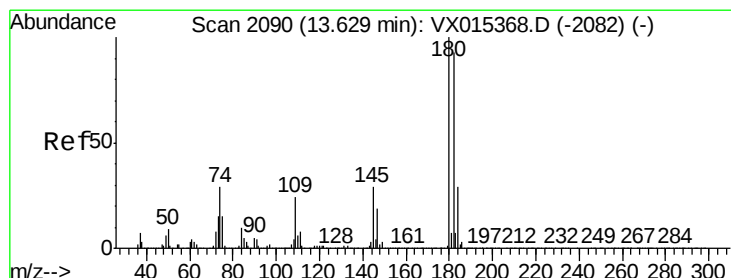
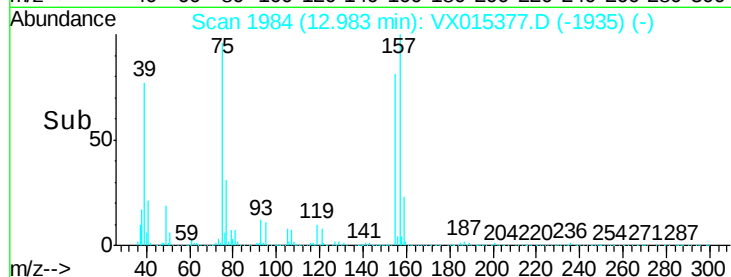
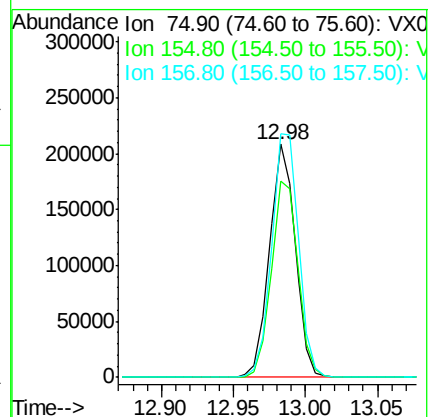
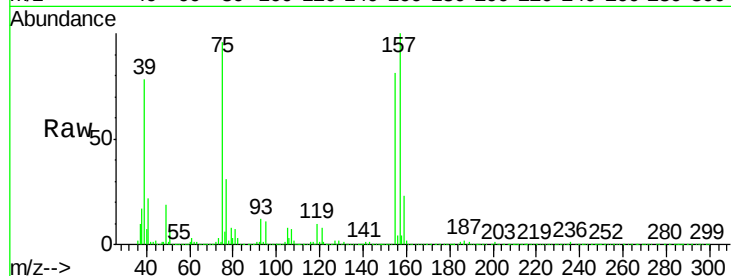
Tot Ion: 75 Resp: 257500

Ion Ratio Lower Upper

75 100

155 86.7 42.8 128.4

157 109.5 53.4 160.3



#93

1,2,4-Trichlorobenzene

Concen: 123.914 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

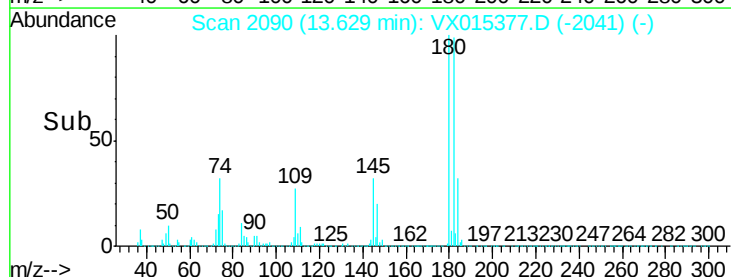
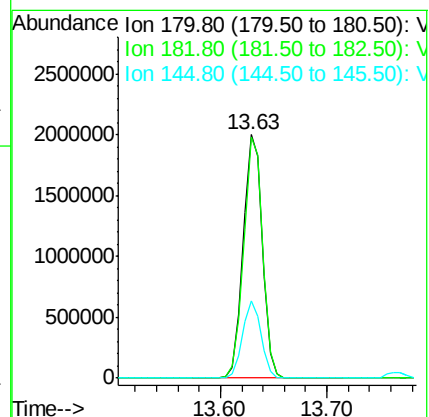
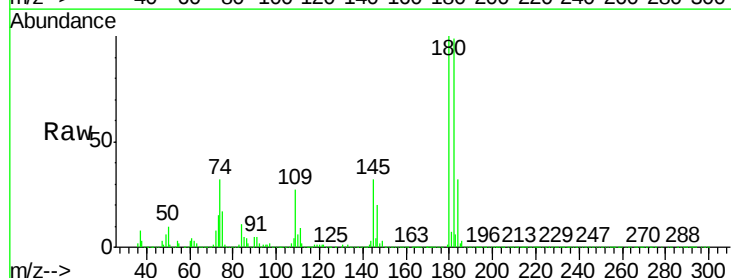
Tgt Ion: 180 Resp: 2521541

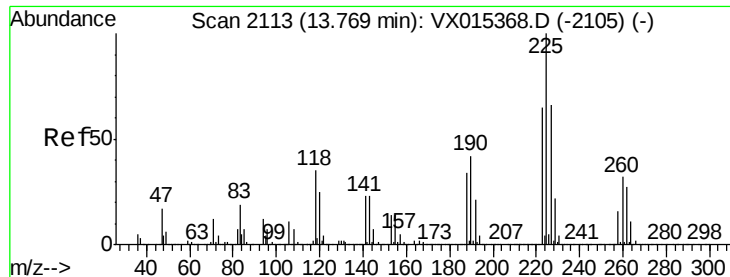
Ion Ratio Lower Upper

180 100

182 97.7 46.9 140.7

145 30.9 14.9 44.5





#94

Hexachlorobutadiene

Concen: 75.157 ug/l

RT: 13.76 min Scan# 2112

Delta R.T. -0.01 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

Instrument :

MSVOA\_X

ClientSampleId :

PT-VOA-WP

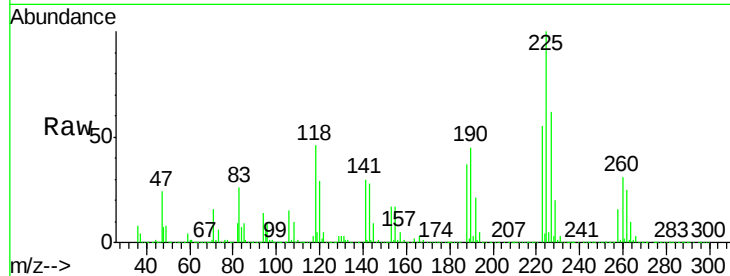
Tot Ion:225 Resp: 728146

Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.7

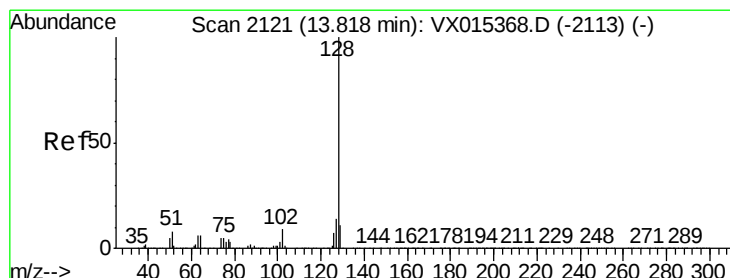
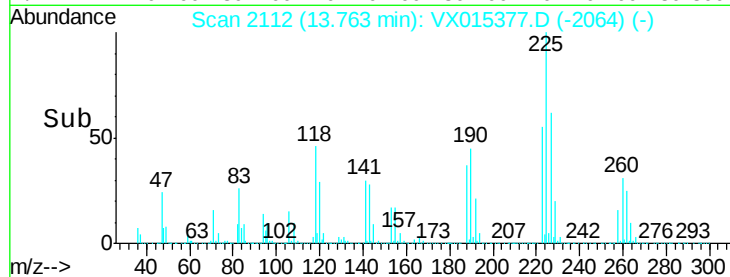
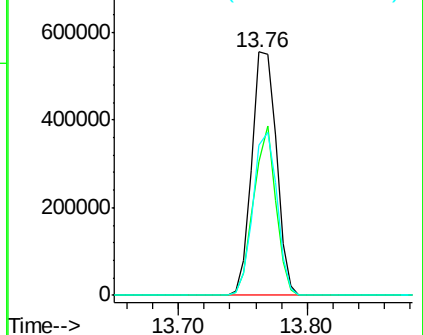
227 65.4 30.4 91.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 136.696 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015377.D

Acq: 27 Mar 2020 13:19

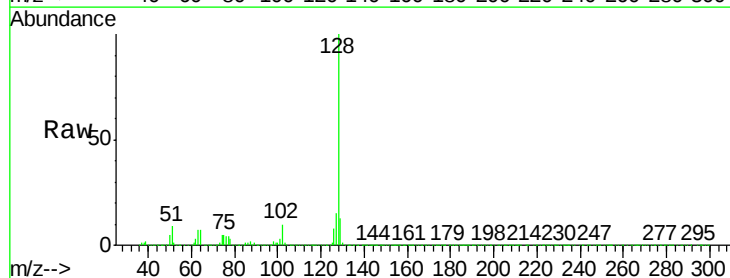
Tgt Ion:128 Resp: 8484992

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

129 11.6 8.8 13.2



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

