

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122719\  
 Data File : VW014484.D  
 Acq On : 28 Dec 2019 01:17  
 Operator : SY/VA  
 Sample : K6397-01RE  
 Misc : 5.28G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 28 03:27:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 28 03:24:24 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 1263994  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 991304   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 451885   | 25.00 | ug/L  | 0.01     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 418371   | 23.48    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.92%   |
| 7) Chloroethane-d5             | 2.89   | 69    | 345685   | 26.33    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 105.32%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 586659   | 18.00    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 72.00%   |
| 20) 2-Butanone-d5              | 7.07   | 46    | 205848   | 48.55    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 97.10%   |
| 24) Chloroform-d               | 7.65   | 84    | 754916   | 25.96    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 103.84%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 359313   | 23.81    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 95.24%   |
| 29) Benzene-d6                 | 8.27   | 84    | 1531654  | 29.05    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 116.20%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 597397   | 37.69    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 150.76%# |
| 37) Toluene-d8                 | 10.32  | 98    | 2338829  | 48.94    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 195.76%# |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 332190   | 50.74    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 202.96%# |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 224133   | 82.70    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 165.40%# |
| 48) 1,1,2,2-Tetrachloroethane- | 12.71  | 84    | 827483   | 69.52    | ug/L | 0.02     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 278.08%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 408194   | 27.41    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 109.64%  |

## Target Compounds

| Target Compounds            | R.T.  | QIon | Response | Conc     | Units  | Ovalue |
|-----------------------------|-------|------|----------|----------|--------|--------|
| 13) Acetone                 | 4.12  | 43   | 69894    | 11.906   | ug/L   | 92     |
| 14) Carbon disulfide        | 4.38  | 76   | 61456    | 1.231    | ug/L   | 96     |
| 16) Methylene chloride      | 4.92  | 84   | 36483    | 1.770    | ug/L # | 22     |
| 21) 2-Butanone              | 7.17  | 43   | 317251   | 50.370   | ug/L # | 54     |
| 25) Chloroform              | 7.63  | 83   | 177519   | 6.026    | ug/L # | 17     |
| 27) 1,2-Dichloroethane      | 8.16  | 62   | 81755    | 4.275    | ug/L   | 99     |
| 30) Cyclohexane             | 7.93  | 56   | 13604325 | 536.503  | ug/L # | 51     |
| 34) Benzene                 | 8.32  | 78   | 84210    | 1.412    | ug/L   | 100    |
| 35) Trichloroethene         | 9.12  | 95   | 41586    | 2.701    | ug/L # | 16     |
| 36) Methylcyclohexane       | 9.34  | 83   | 13263554 | 491.046  | ug/L # | 67     |
| 40) 1,2-Dichloropropane     | 9.34  | 63   | 166939   | 11.056   | ug/L # | 1      |
| 41) Bromodichloromethane    | 9.62  | 83   | 2294638  | 126.343  | ug/L # | 32     |
| 42) cis-1,3-Dichloropropene | 10.04 | 75   | 12701    | 0.563    | ug/L # | 1      |
| 43) 4-Methyl-2-pentanone    | 10.26 | 43   | 6617808  | 682.746  | ug/L # | 76     |
| 44) Toluene                 | 10.39 | 91   | 394199   | 6.323    | ug/L   | 98     |
| 46) 1,1,2-Trichloroethane   | 10.77 | 97   | 11016153 | 1030.041 | ug/L # | 31     |
| 49) 2-Hexanone              | 10.94 | 43   | 11284712 | 1704.915 | ug/L # | 16     |

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 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 28 03:27:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 28 03:24:24 2019  
 Response via : Initial Calibration

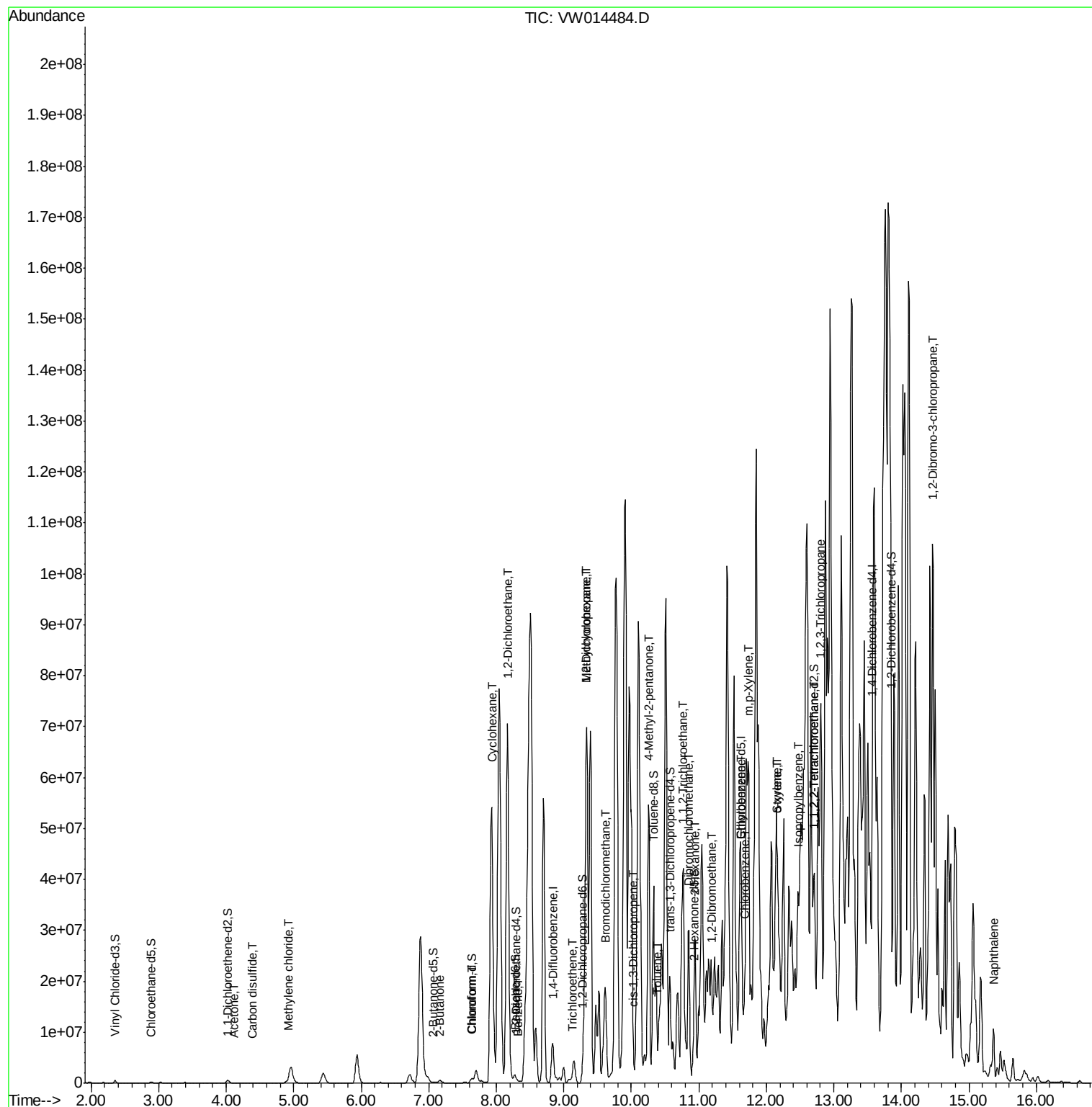
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 50) Dibromochloromethane       | 10.85 | 129  | 21206    | 1.746   | ug/L   | 74       |
| 51) 1,2-Dibromoethane          | 11.20 | 107  | 46245    | 4.581   | ug/L # | 1        |
| 52) Chlorobenzene              | 11.68 | 112  | 17207    | 0.437   | ug/L # | 1        |
| 53) Ethylbenzene               | 11.63 | 91   | 160037   | 2.335   | ug/L # | 46       |
| 54) m,p-Xylene                 | 11.73 | 106  | 8316550  | 320.624 | ug/L   | 79       |
| 55) o-xylene                   | 12.17 | 106  | 5280516  | 215.527 | ug/L   | 91       |
| 56) Styrene                    | 12.17 | 104  | 270537   | 6.560   | ug/L # | 1        |
| 57) Isopropylbenzene           | 12.47 | 105  | 14961416 | 229.569 | ug/L   | 94       |
| 58) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 334802   | 25.783  | ug/L # | 1        |
| 59) 1,2,3-Trichloropropane     | 12.81 | 75   | 317740   | 32.664  | ug/L # | 1        |
| 66) 1,2-Dibromo-3-chloropropan | 14.46 | 75   | 790849   | 416.410 | ug/L # | 1        |
| 69) Naphthalene                | 15.36 | 128  | 7688959  | 280.341 | ug/L   | 100      |

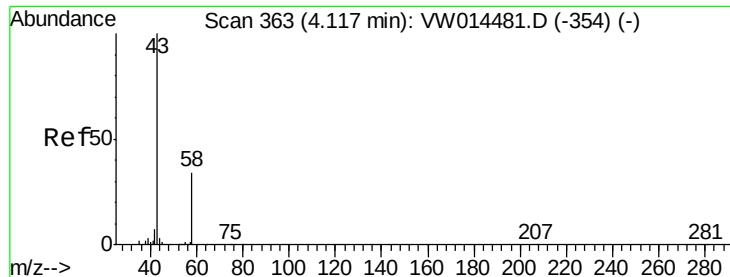
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122719S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Dec 28 03:24:24 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 11.906 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Instrument :

MSVOA\_W

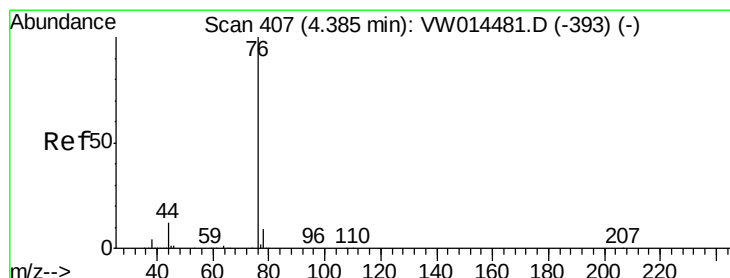
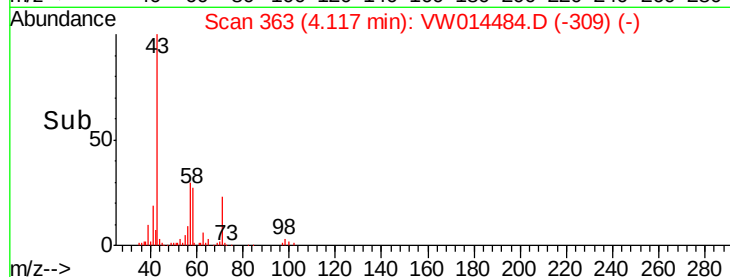
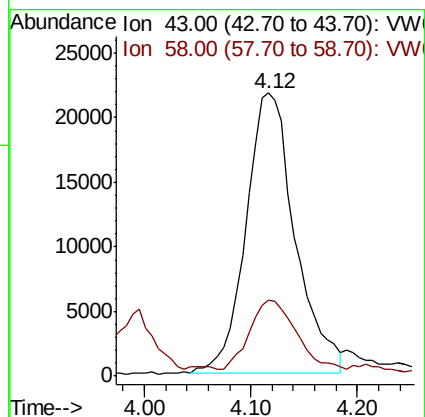
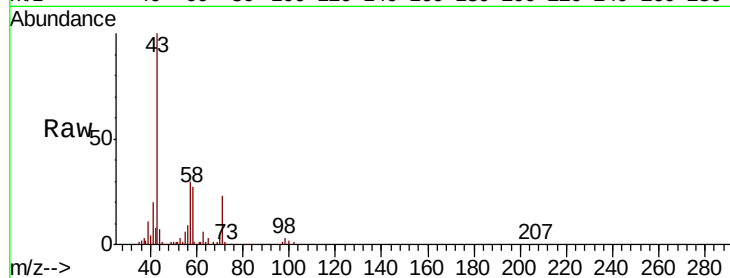
ClientSampleId :

Tot Ion: 43 Resp: 69894

Ion Ratio Lower Upper

43 100

58 27.4 0.0 64.0



#14

Carbon disulfide

Concen: 1.231 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW014484.D

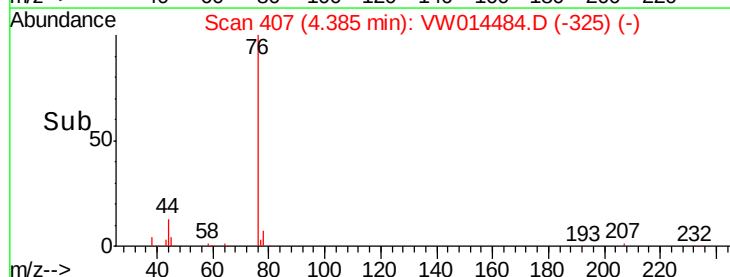
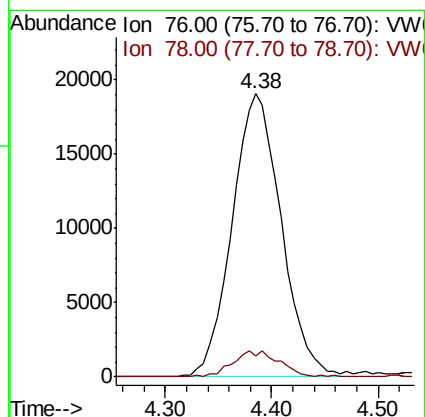
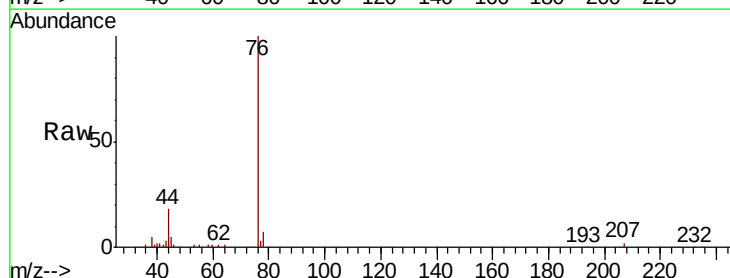
Acq: 28 Dec 2019 01:17

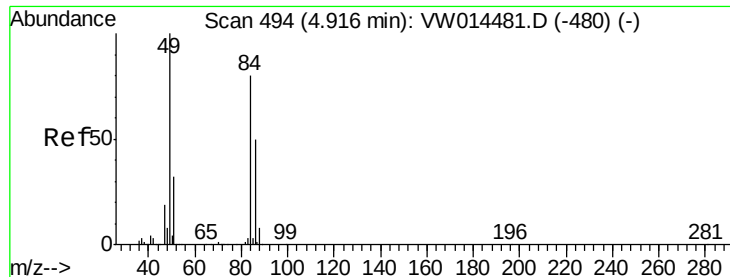
Tgt Ion: 76 Resp: 61456

Ion Ratio Lower Upper

76 100

78 7.3 6.9 10.3

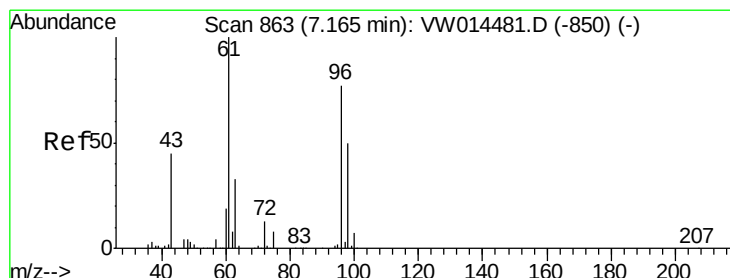
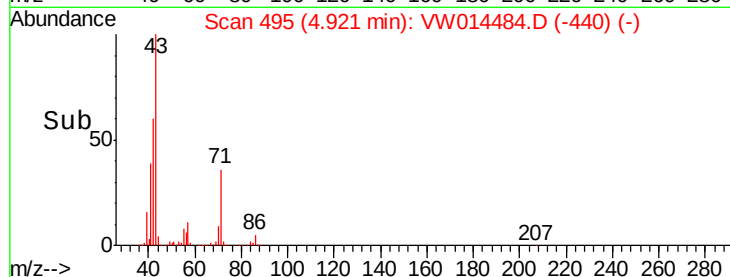
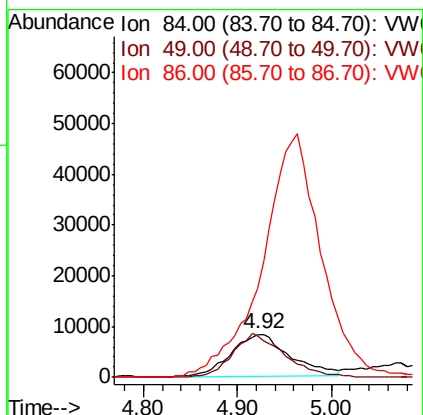
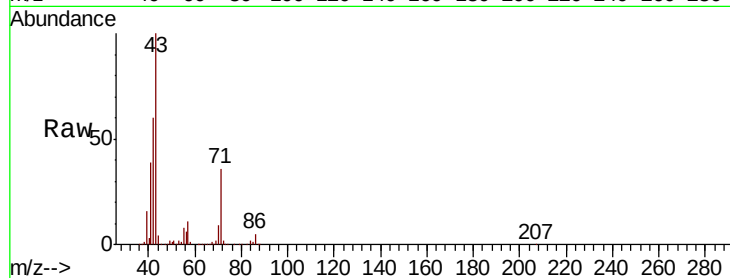




#16  
Methylene chloride  
Concen: 1.770 ug/L  
RT: 4.92 min Scan# 495  
Delta R.T. 0.01 min  
Lab File: VW014484.D  
Acq: 28 Dec 2019 01:17

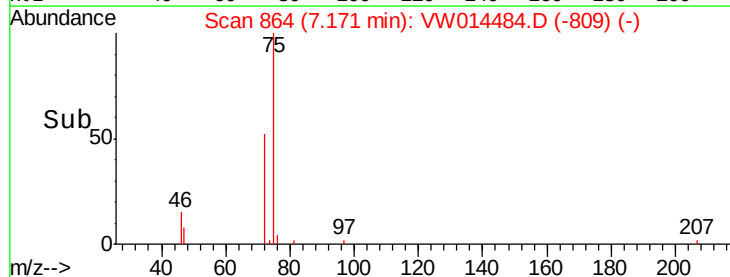
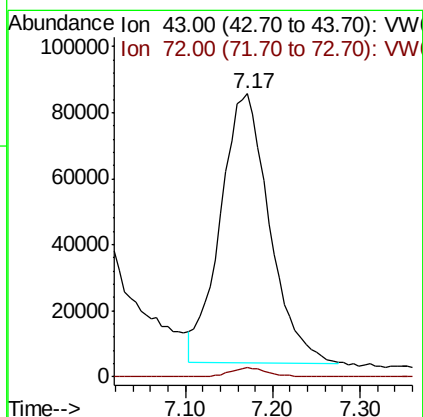
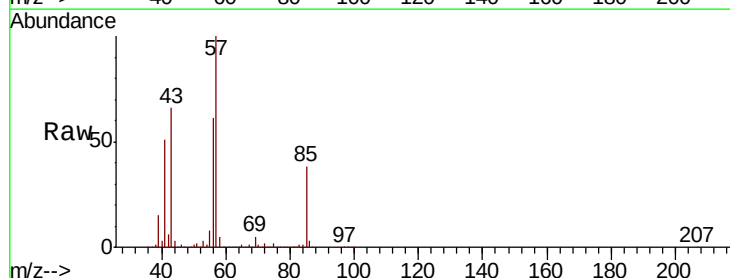
Instrument :  
MSVOA\_W  
ClientSampleId :

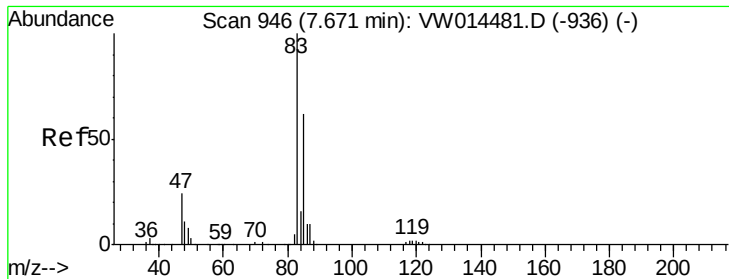
Tot Ion: 84 Resp: 36483  
Ion Ratio Lower Upper  
84 100  
49 96.1 85.8 159.4  
86 207.3 44.5 82.7#



#21  
2-Butanone  
Concen: 50.370 ug/L  
RT: 7.17 min Scan# 864  
Delta R.T. 0.01 min  
Lab File: VW014484.D  
Acq: 28 Dec 2019 01:17

Tgt Ion: 43 Resp: 317251  
Ion Ratio Lower Upper  
43 100  
72 2.7 13.3 39.8#





#25

Chloroform

Concen: 6.026 ug/L

RT: 7.63 min Scan# 939

Delta R.T. -0.04 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Instrument :

MSVOA\_W

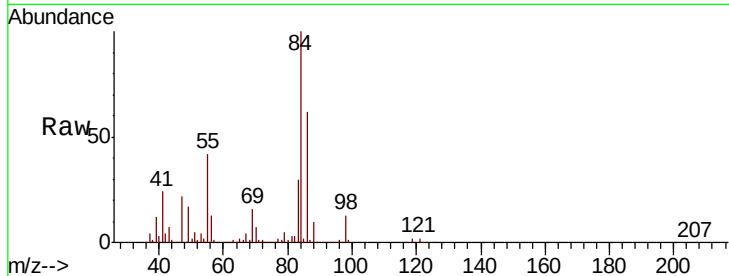
ClientSampleId :

Tot Ion: 83 Resp: 177519

Ion Ratio Lower Upper

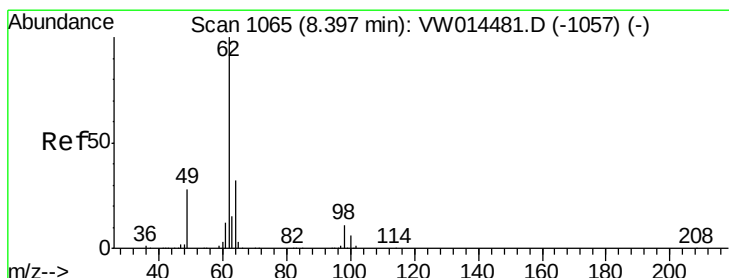
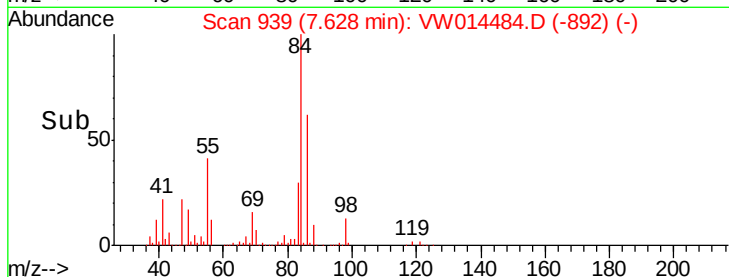
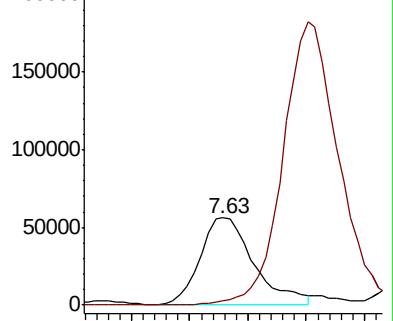
83 100

85 0.0 45.8 85.2#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#27

1,2-Dichloroethane

Concen: 4.275 ug/L

RT: 8.16 min Scan# 1027

Delta R.T. -0.23 min

Lab File: VW014484.D

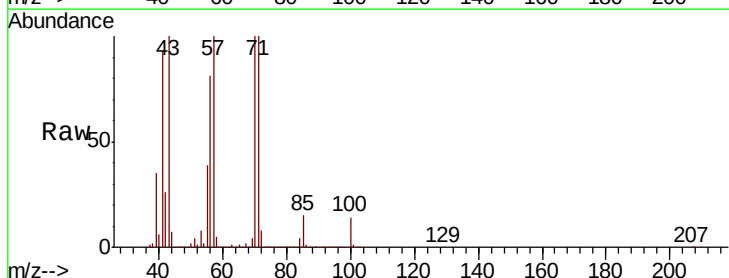
Acq: 28 Dec 2019 01:17

Tgt Ion: 62 Resp: 81755

Ion Ratio Lower Upper

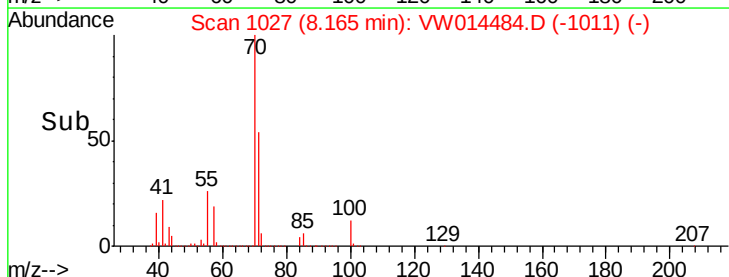
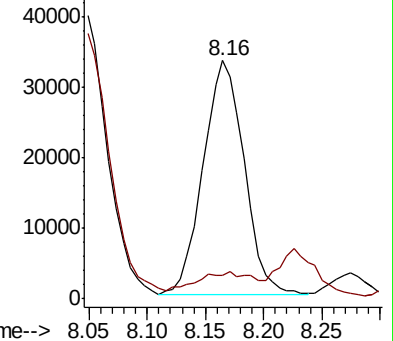
62 100

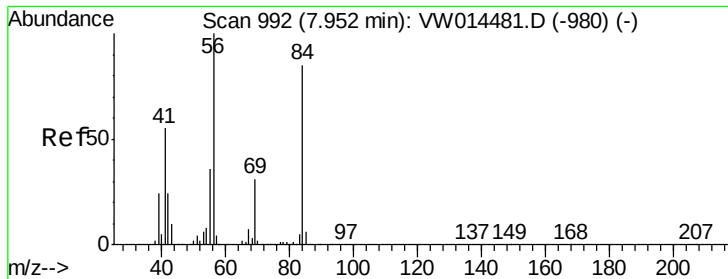
98 10.1 8.3 12.5



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

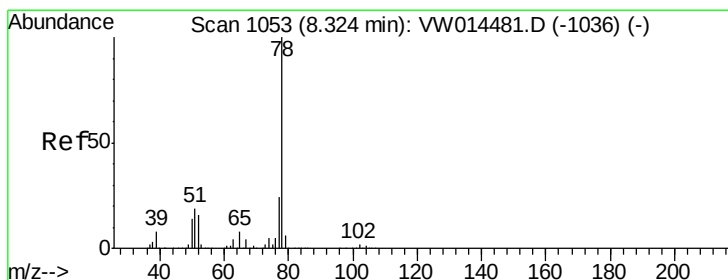
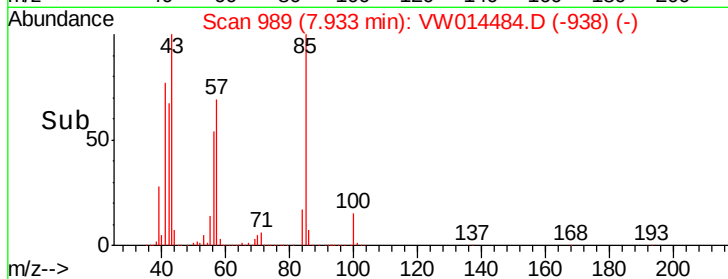
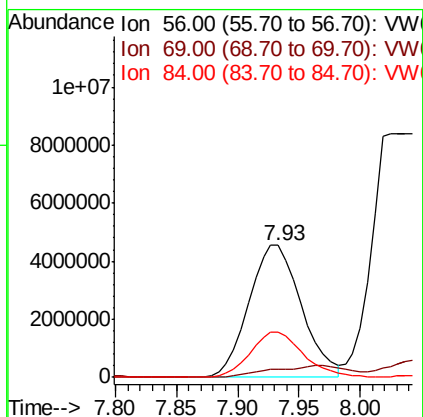
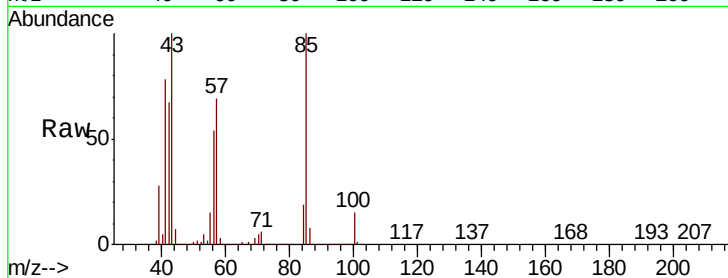




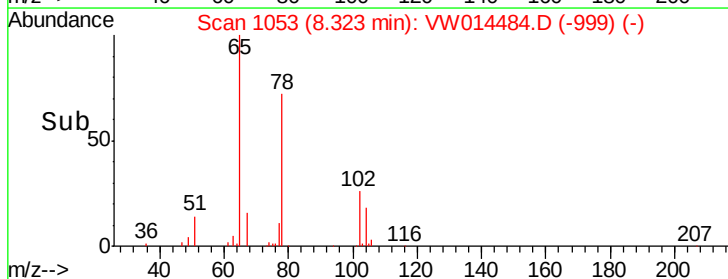
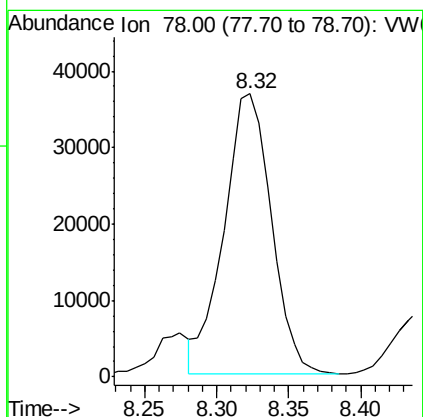
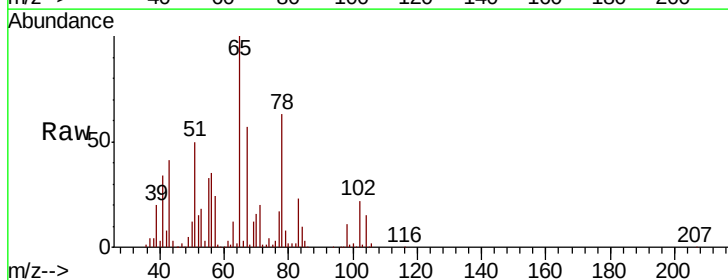
#30  
Cyclohexane  
Concen: 536.503 ug/L  
RT: 7.93 min Scan# 989  
Delta R.T. -0.02 min  
Lab File: VW014484.D  
Acq: 28 Dec 2019 01:17

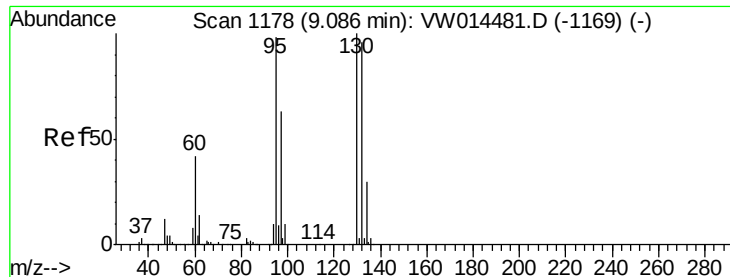
Instrument :  
MSVOA\_W  
ClientSampleId :

Tot Ion: 56 Resp:13604325  
Ion Ratio Lower Upper  
56 100  
69 11.9 23.8 35.8#  
84 34.8 68.2 102.2#



#34  
Benzene  
Concen: 1.412 ug/L  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW014484.D  
Acq: 28 Dec 2019 01:17  
Tgt Ion: 78 Resp: 84210





#35

Trichloroethene

Concen: 2.701 ug/L

RT: 9.12 min Scan# 1183

Delta R.T. 0.03 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Instrument :

MSVOA\_W

ClientSampleId :

Tot Ion: 95 Resp: 41586

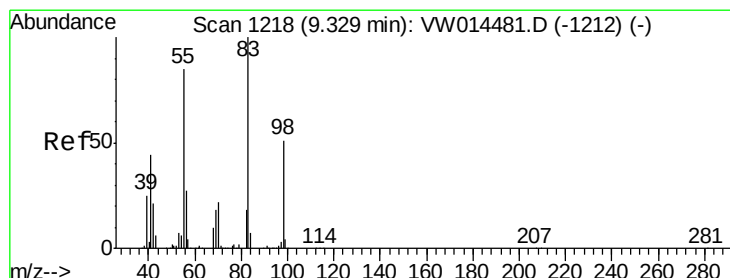
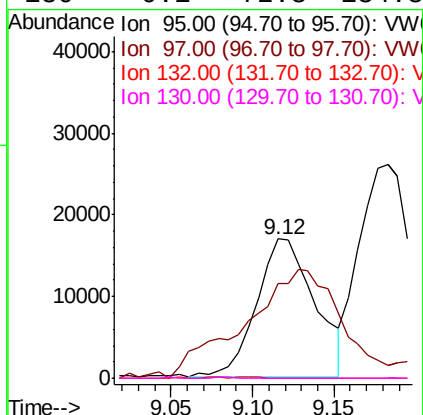
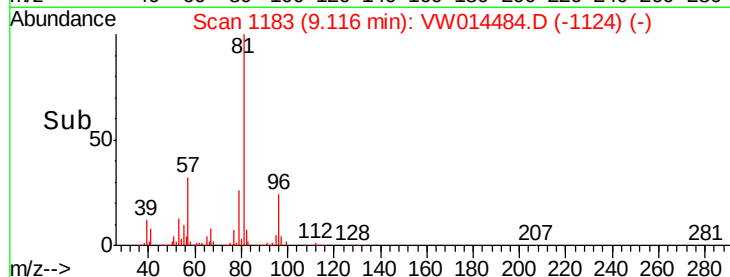
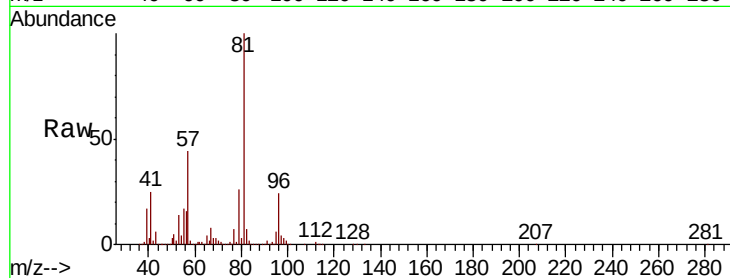
Ion Ratio Lower Upper

95 100

97 88.3 44.3 82.3#

132 0.3 69.2 128.6#

130 0.1 72.3 134.3#



#36

Methylcyclohexane

Concen: 491.046 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.01 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

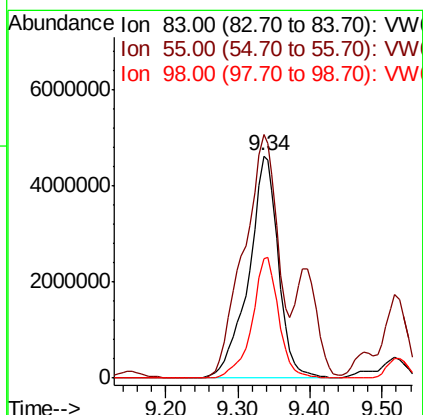
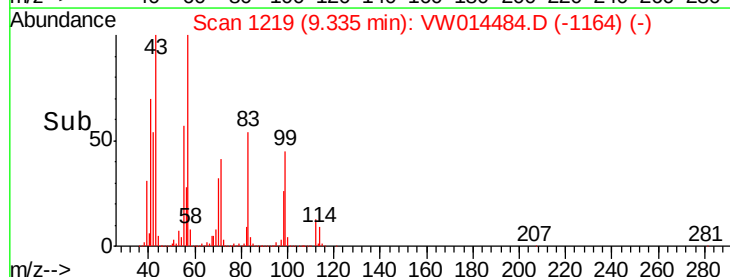
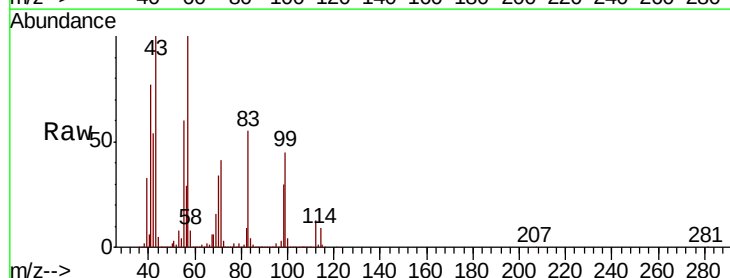
Tgt Ion: 83 Resp: 13263554

Ion Ratio Lower Upper

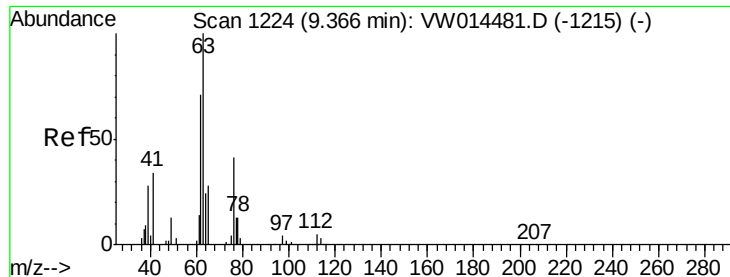
83 100

55 126.3 63.7 95.5#

98 48.7 39.4 59.2







#40

1,2-Dichloropropane

Concen: 11.056 ug/L

RT: 9.34 min Scan# 1220

Delta R.T. -0.02 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Instrument :

MSVOA\_W

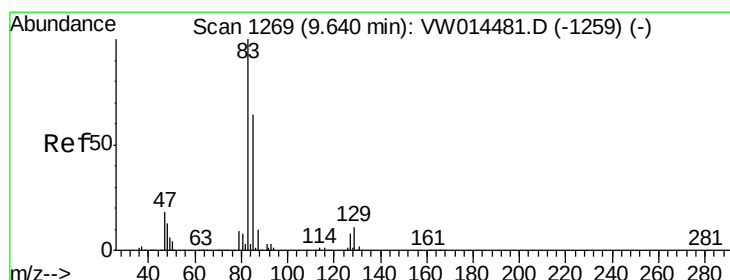
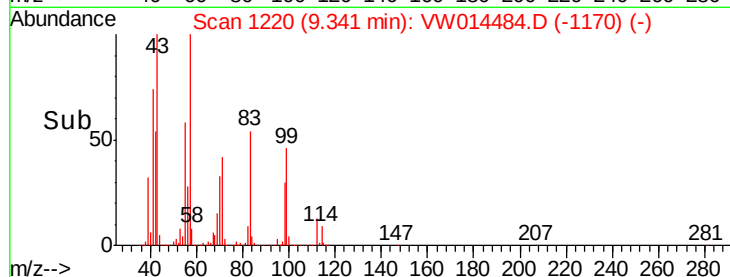
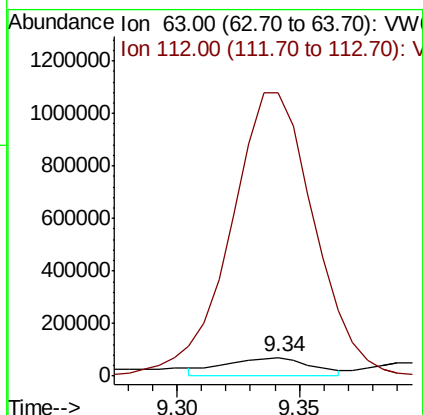
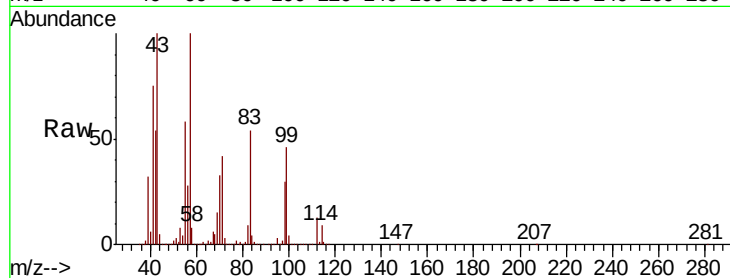
ClientSampled :

Tot Ion: 63 Resp: 166939

Ion Ratio Lower Upper

63 100

112 1549.3 3.7 5.5#



#41

Bromodichloromethane

Concen: 126.343 ug/L

RT: 9.62 min Scan# 1266

Delta R.T. -0.02 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

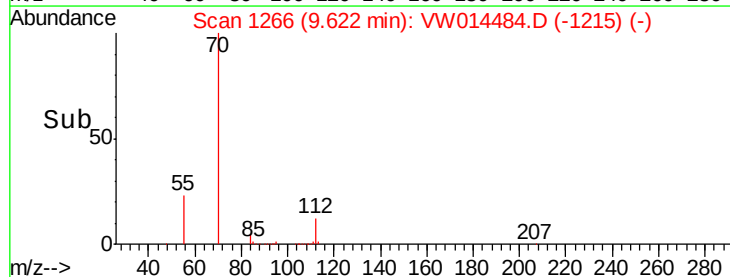
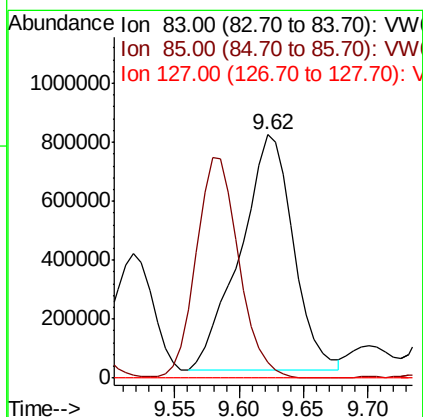
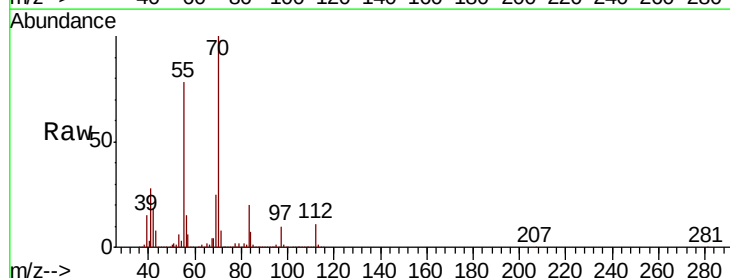
Tgt Ion: 83 Resp: 2294638

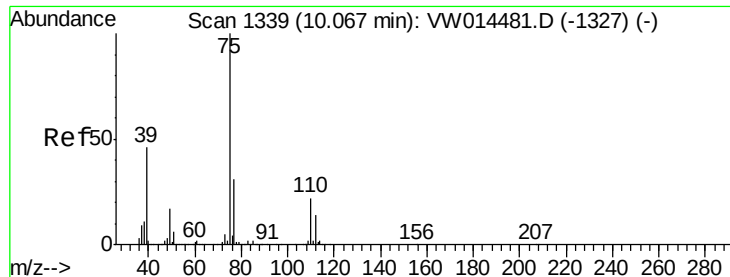
Ion Ratio Lower Upper

83 100

85 6.5 44.7 83.1#

127 0.0 6.3 9.5#





#42

cis-1,3-Dichloropropene

Concen: 0.563 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Instrument :

MSVOA\_W

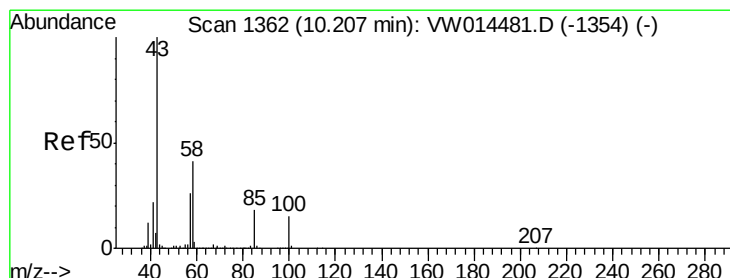
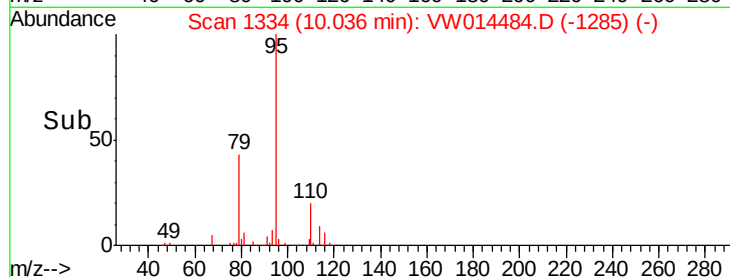
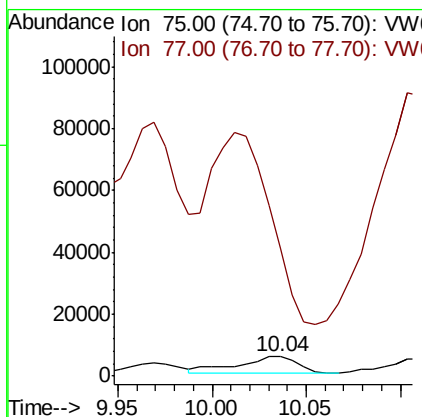
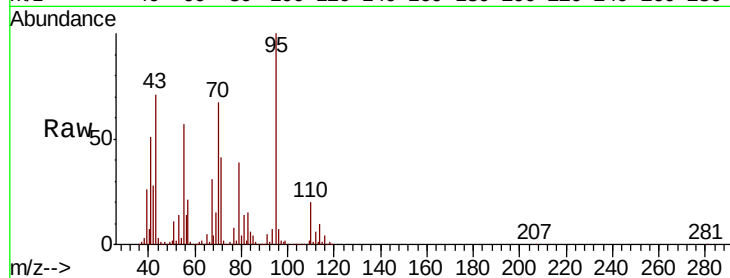
ClientSampled :

Tot Ion: 75 Resp: 12701

Ion Ratio Lower Upper

75 100

77 652.7 21.0 39.0#



#43

4-Methyl-2-pentanone

Concen: 682.746 ug/L

RT: 10.26 min Scan# 1370

Delta R.T. 0.05 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

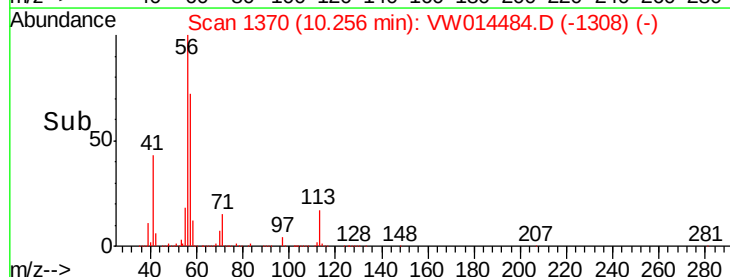
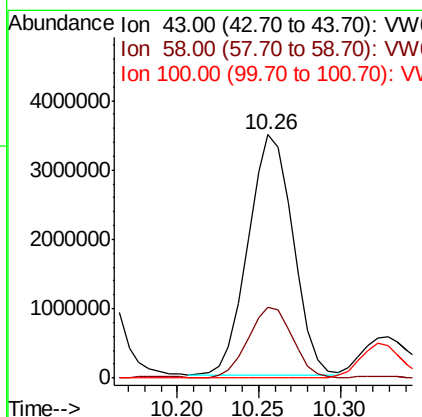
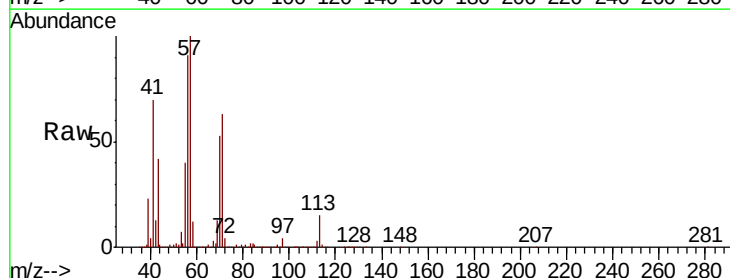
Tgt Ion: 43 Resp: 6617808

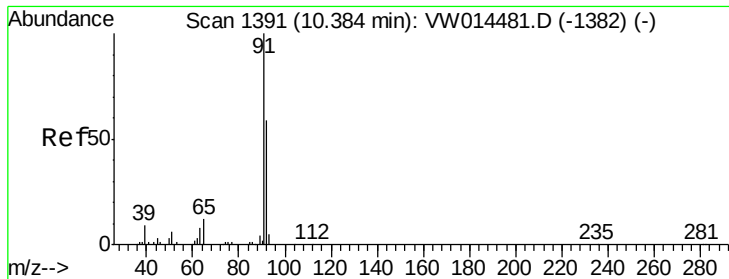
Ion Ratio Lower Upper

43 100

58 28.8 32.6 48.8#

100 0.0 12.6 19.0#





#44

Toluene

Concen: 6.323 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Instrument :

MSVOA\_W

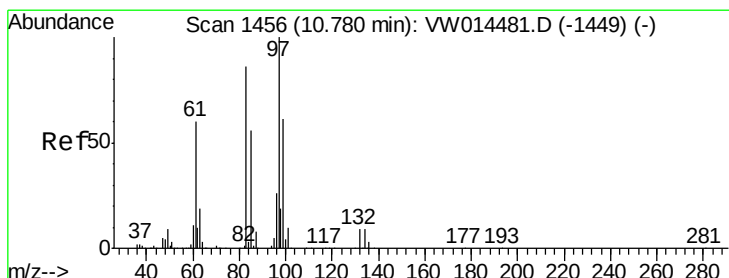
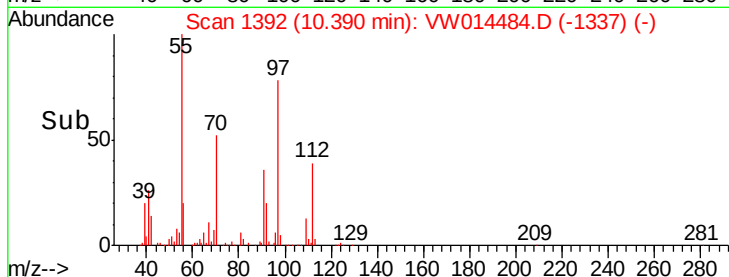
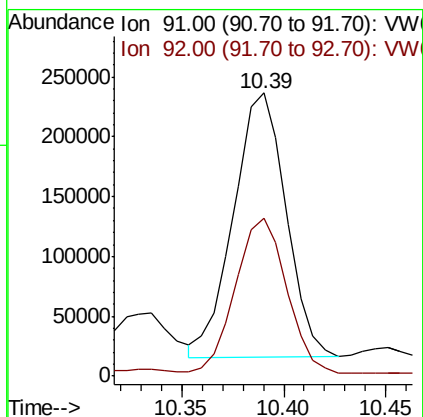
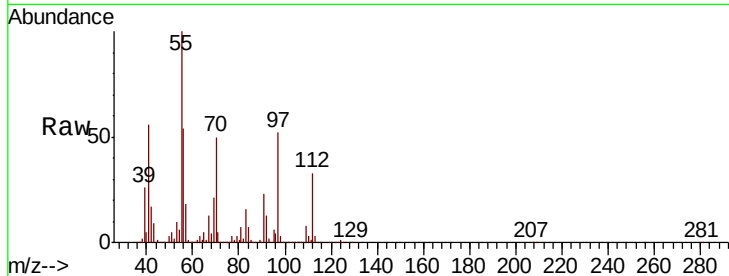
ClientSampled :

Tot Ion: 91 Resp: 394199

Ion Ratio Lower Upper

91 100

92 55.9 40.2 74.6



#46

1,1,2-Trichloroethane

Concen: 1030.041 ug/L

RT: 10.77 min Scan# 1454

Delta R.T. -0.01 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Tgt Ion: 97 Resp: 11016153

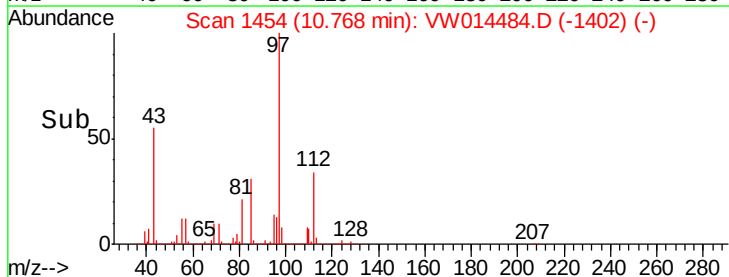
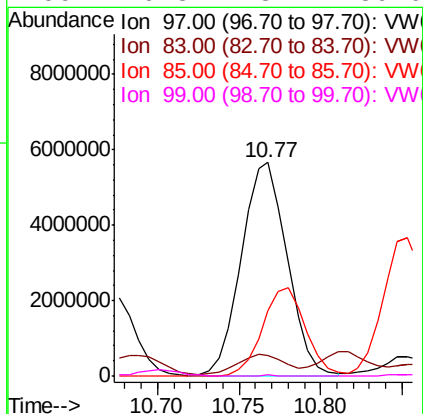
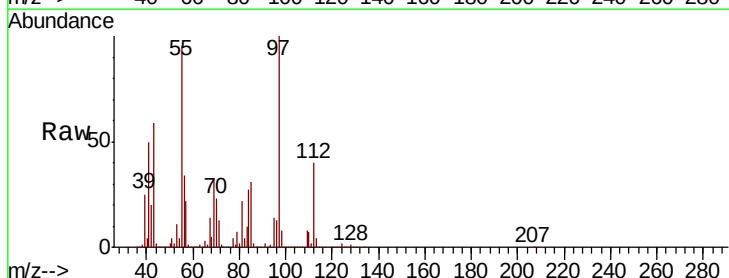
Ion Ratio Lower Upper

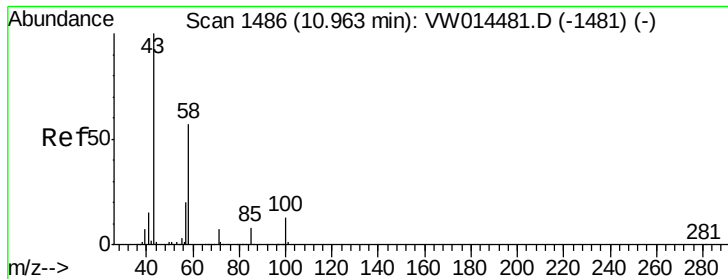
97 100

83 9.8 60.1 111.5#

85 30.6 38.1 70.9#

99 0.3 43.4 80.6#





#49

2-Hexanone

Concen: 1704.915 ug/L

RT: 10.94 min Scan# 1482

Delta R.T. -0.02 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

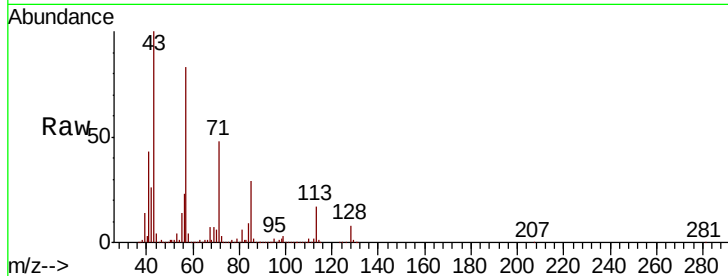
Instrument :

MSVOA\_W

ClientSampled :

Tot Ion: 43 Resp: 11284712

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 4.3   | 44.9  | 67.3# |
| 57  | 90.9  | 15.3  | 22.9# |
| 100 | 0.4   | 10.0  | 15.0# |



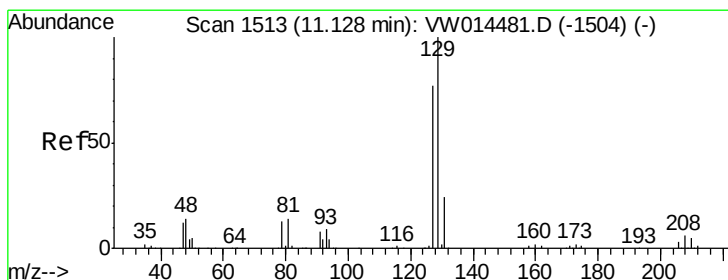
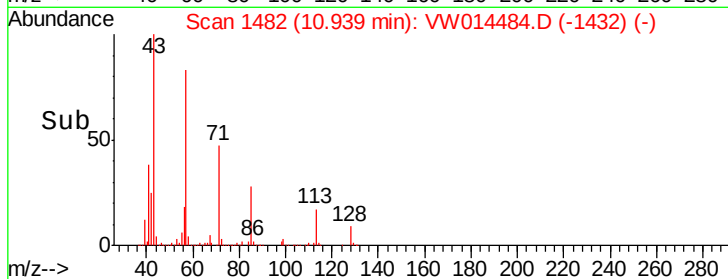
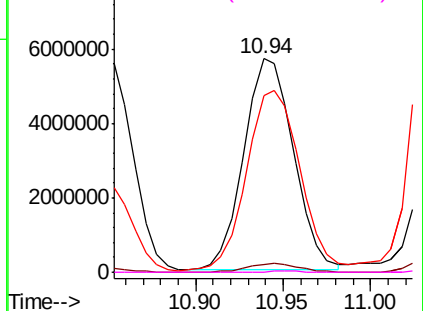
Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50

Dibromochloromethane

Concen: 1.746 ug/L

RT: 10.85 min Scan# 1468

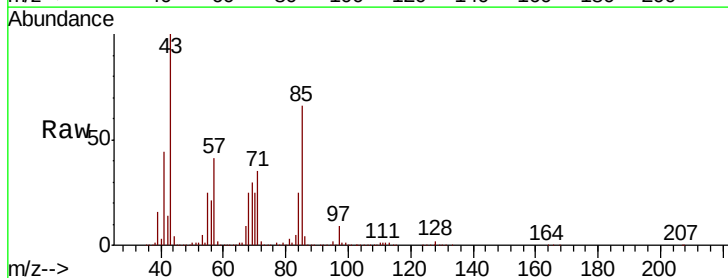
Delta R.T. -0.27 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Tgt Ion: 129 Resp: 21206

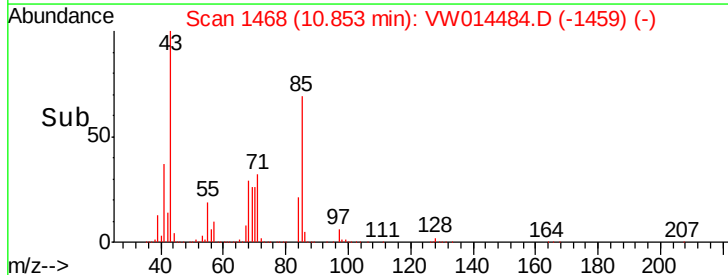
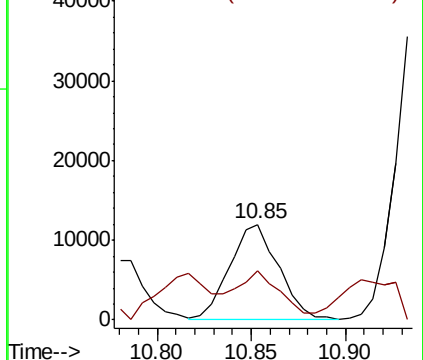
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 51.4  | 51.1  | 94.9  |

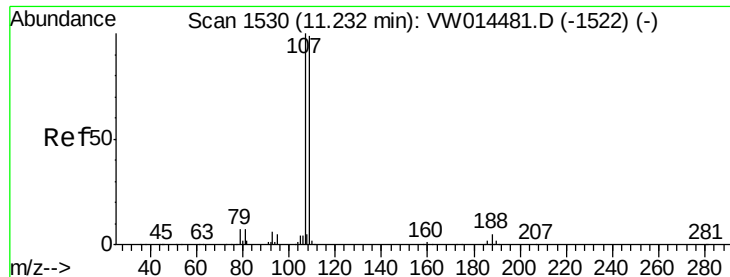


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#51

1,2-Dibromoethane

Concen: 4.581 ug/L

RT: 11.20 min Scan# 1525

Delta R.T. -0.03 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

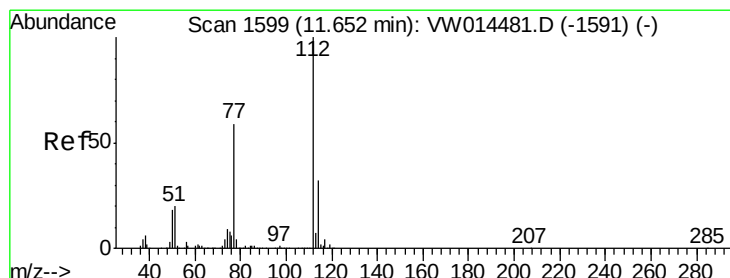
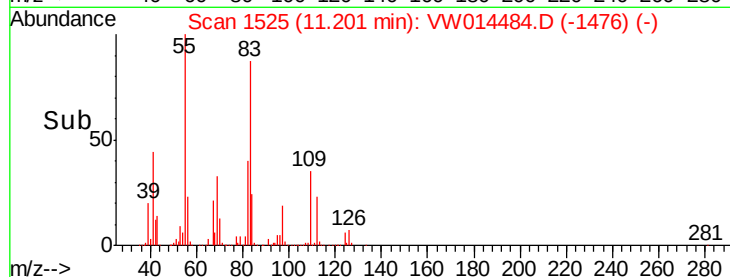
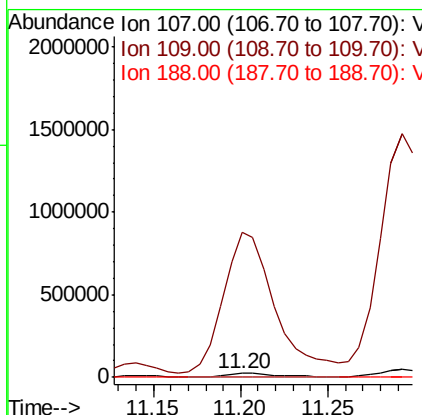
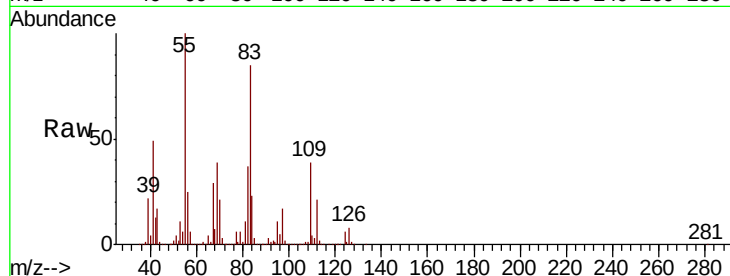
Instrument :

MSVOA\_W

ClientSampleId :

Tot Ion:107 Resp: 46245

| Ion | Ratio  | Lower | Upper  |
|-----|--------|-------|--------|
| 107 | 100    |       |        |
| 109 | 3810.7 | 64.7  | 120.1# |
| 188 | 0.0    | 3.0   | 4.6#   |



#52

Chlorobenzene

Concen: 0.437 ug/L

RT: 11.68 min Scan# 1603

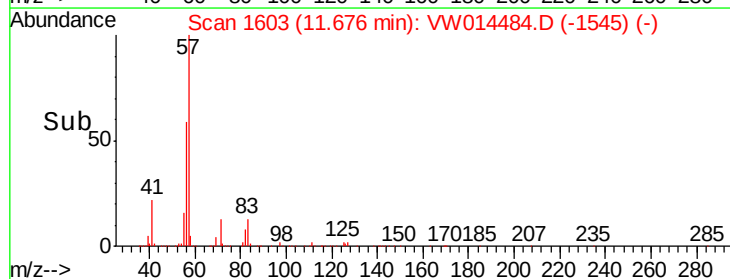
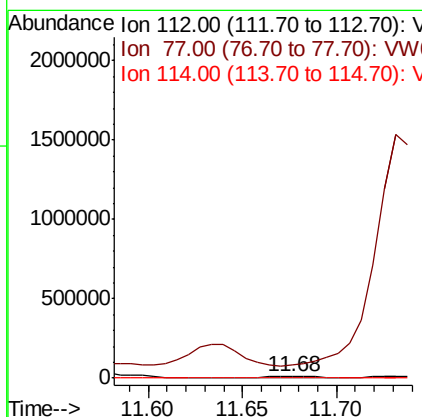
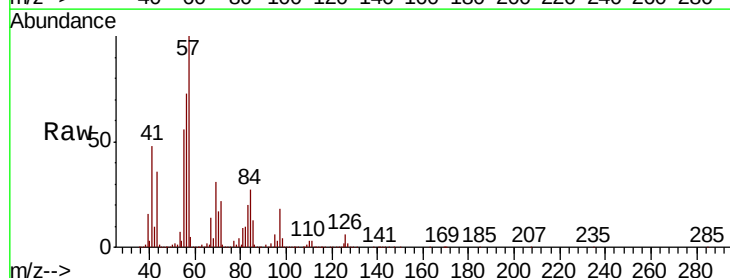
Delta R.T. 0.02 min

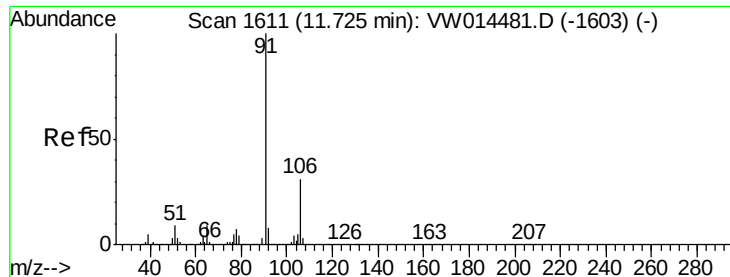
Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Tgt Ion:112 Resp: 17207

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 77  | 810.6 | 48.2  | 72.2# |
| 114 | 1.8   | 22.9  | 42.5# |

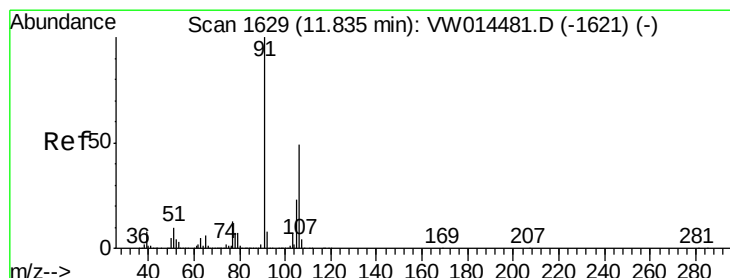
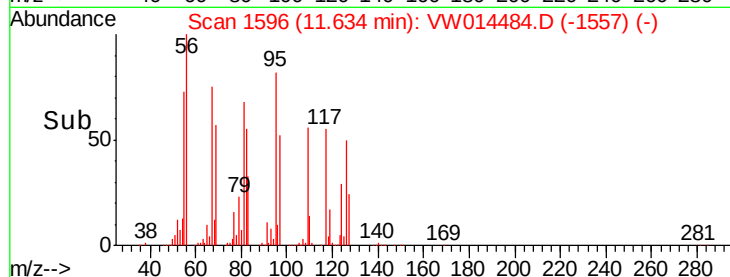
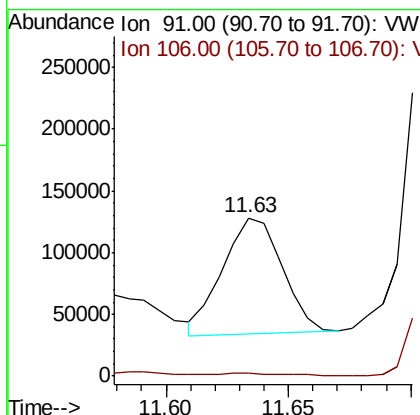
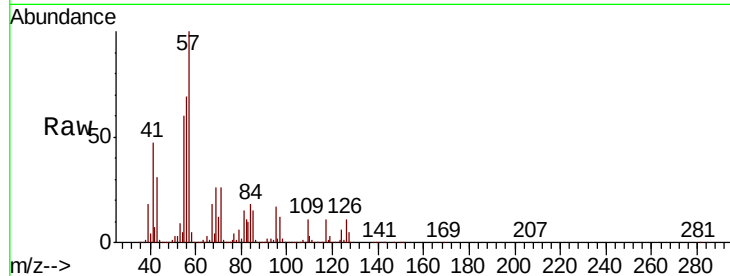




#53  
Ethylbenzene  
Concen: 2.335 ug/L  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.09 min  
Lab File: VW014484.D  
Acq: 28 Dec 2019 01:17

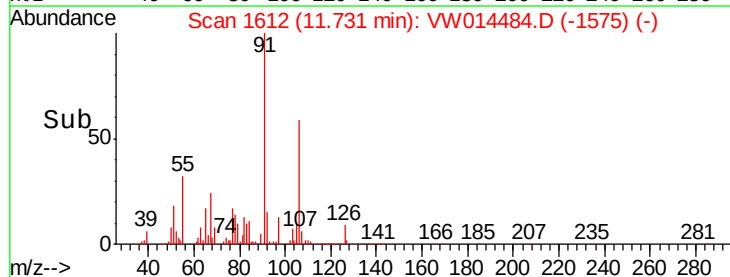
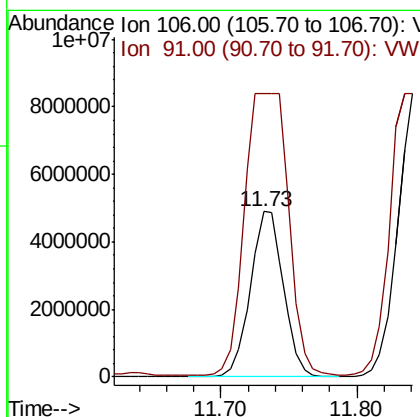
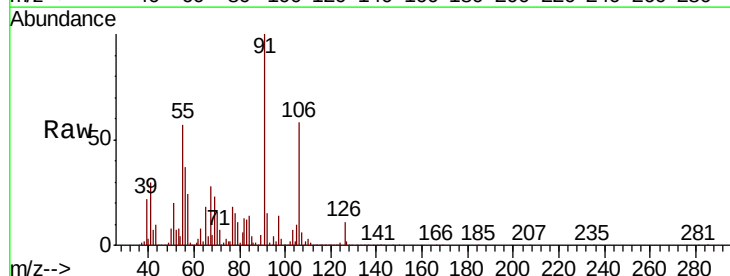
Instrument :  
MSVOA\_W  
ClientSampled :

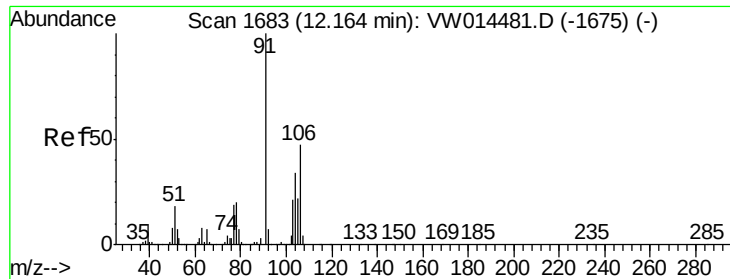
Tot Ion: 91 Resp: 160037  
Ion Ratio Lower Upper  
91 100  
106 1.7 21.8 40.6#



#54  
m,p-Xylene  
Concen: 320.624 ug/L  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.10 min  
Lab File: VW014484.D  
Acq: 28 Dec 2019 01:17

Tgt Ion: 106 Resp: 8316550  
Ion Ratio Lower Upper  
106 100  
91 171.5 142.2 264.0

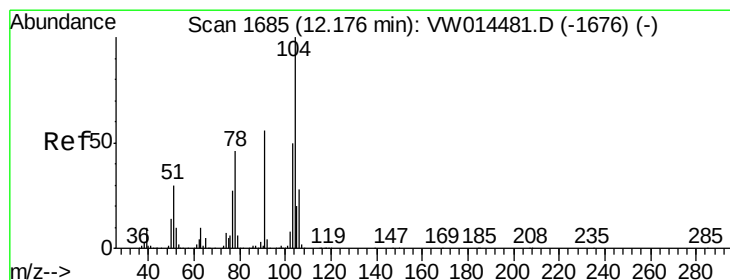
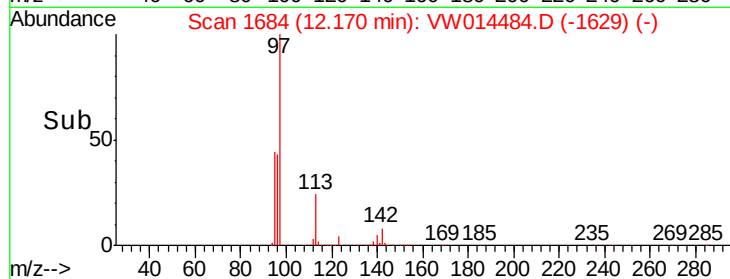
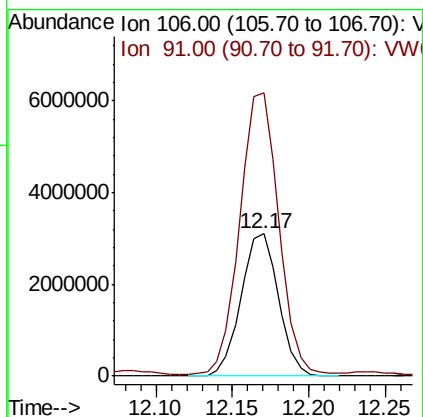
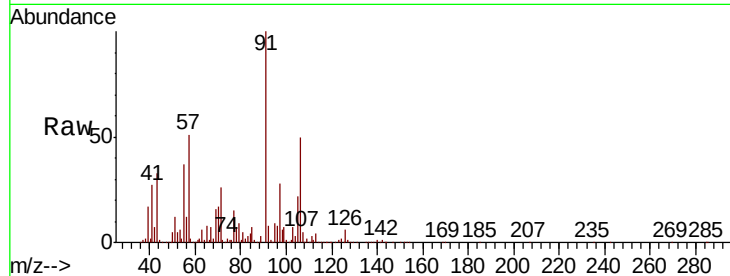




#55  
o-xylene  
Concen: 215.527 ug/L  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.01 min  
Lab File: VW014484.D  
Acq: 28 Dec 2019 01:17

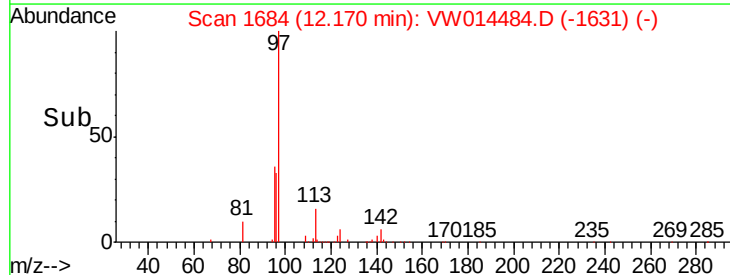
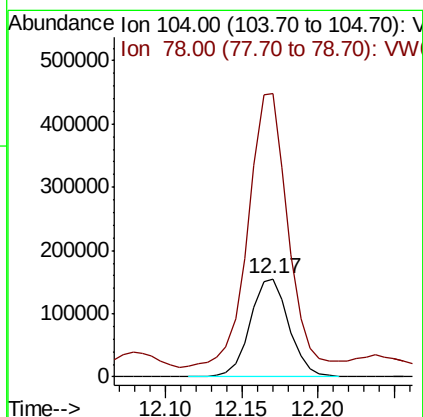
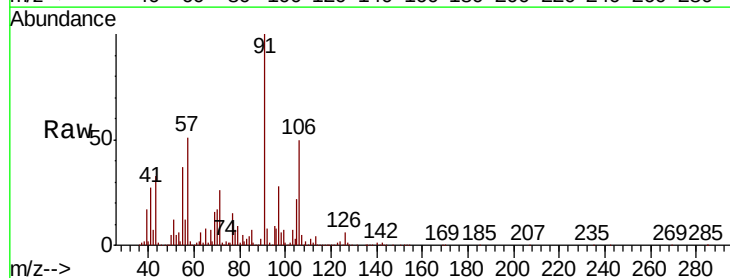
Instrument :  
MSVOA\_W  
ClientSampleId :

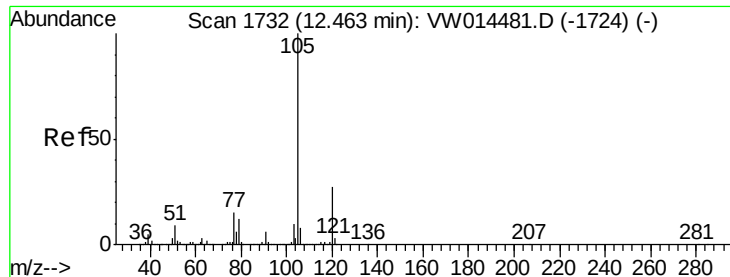
Tot Ion:106 Resp: 5280516  
Ion Ratio Lower Upper  
106 100  
91 198.7 148.7 276.1



#56  
Styrene  
Concen: 6.560 ug/L  
RT: 12.17 min Scan# 1684  
Delta R.T. -0.01 min  
Lab File: VW014484.D  
Acq: 28 Dec 2019 01:17

Tgt Ion:104 Resp: 270537  
Ion Ratio Lower Upper  
104 100  
78 288.3 32.3 60.1#





#57

Isopropylbenzene

Concen: 229.569 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Instrument :

MSVOA\_W

ClientSampled :

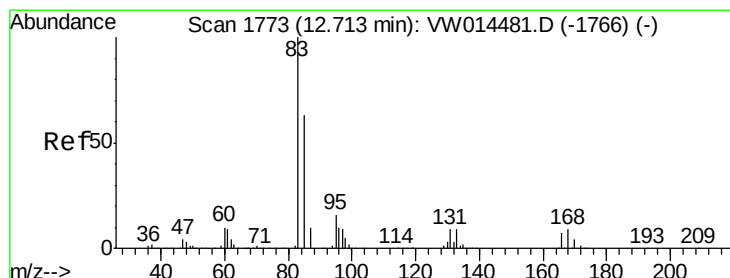
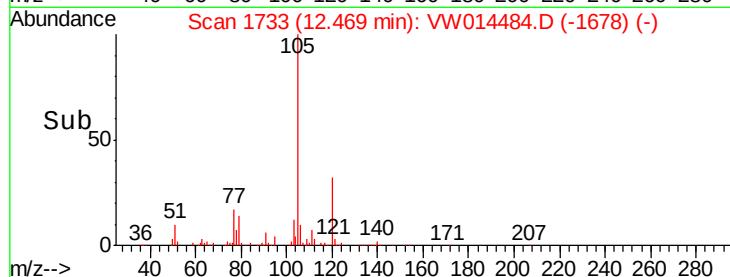
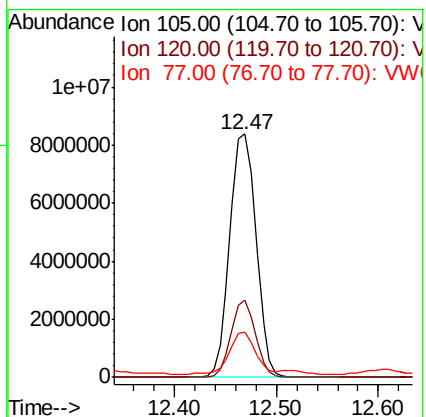
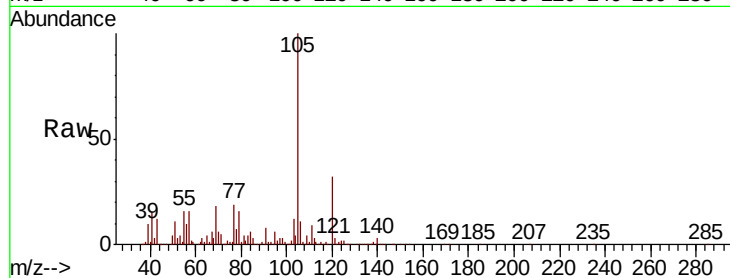
Tot Ion:105 Resp:14961416

Ion Ratio Lower Upper

105 100

120 29.2 21.0 31.6

77 17.5 12.2 18.2



#58

1,1,2,2-Tetrachloroethane

Concen: 25.783 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

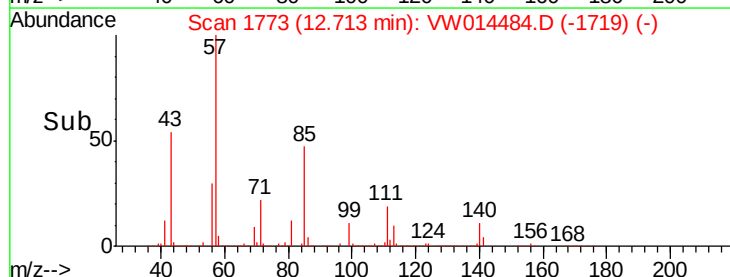
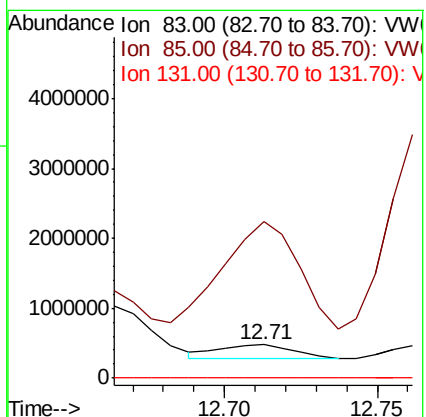
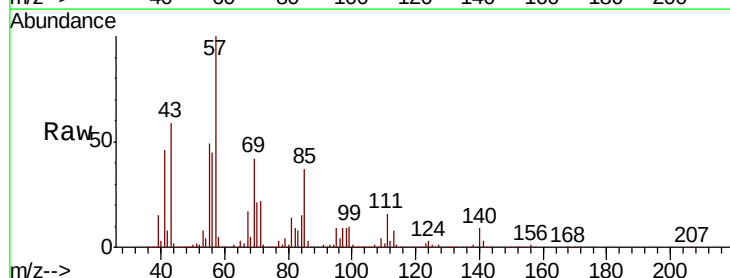
Tgt Ion: 83 Resp: 334802

Ion Ratio Lower Upper

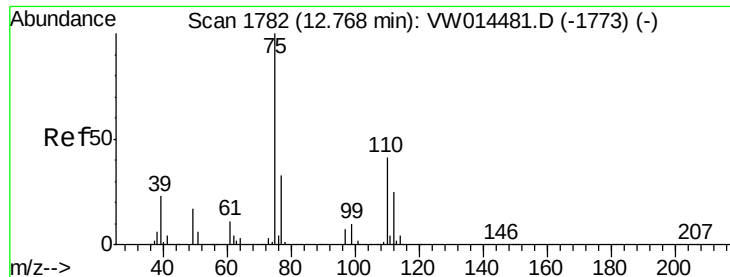
83 100

85 465.7 45.3 84.1#

131 0.1 8.0 12.0#







#59

1,2,3-Trichloropropane

Concen: 32.664 ug/L

RT: 12.81 min Scan# 1789

Delta R.T. 0.04 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Instrument :

MSVOA\_W

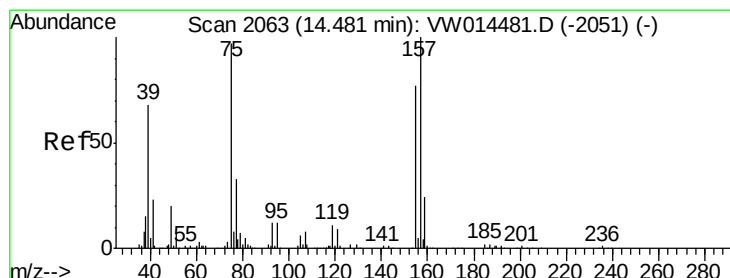
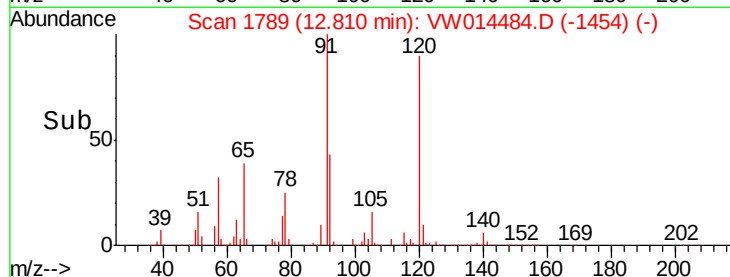
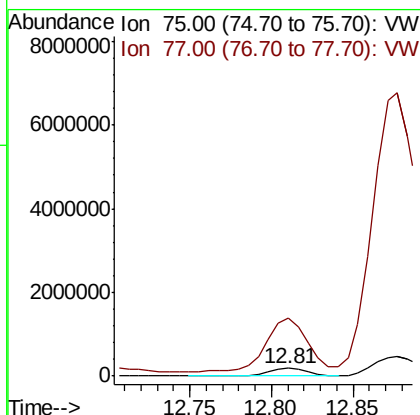
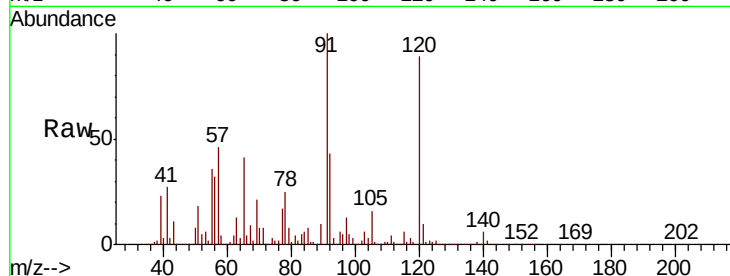
ClientSampleId :

Tot Ion: 75 Resp: 317740

Ion Ratio Lower Upper

75 100

77 741.5 26.2 39.2#



#66

1,2-Dibromo-3-chloropropane

Concen: 416.410 ug/L

RT: 14.46 min Scan# 2060

Delta R.T. -0.02 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

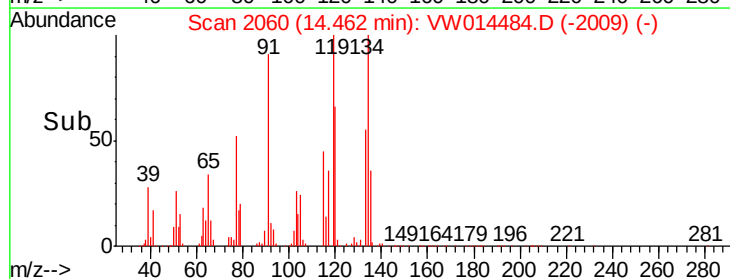
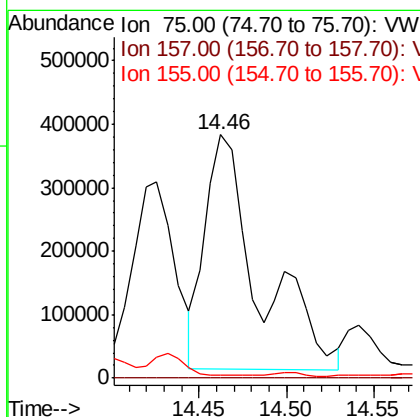
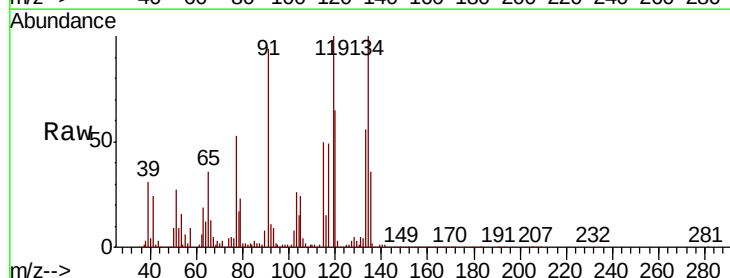
Tgt Ion: 75 Resp: 790849

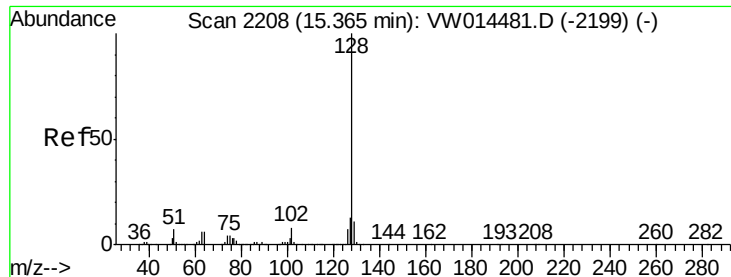
Ion Ratio Lower Upper

75 100

157 0.1 87.2 130.8#

155 1.0 67.8 101.8#





#69

Naphthalene

Concen: 280.341 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

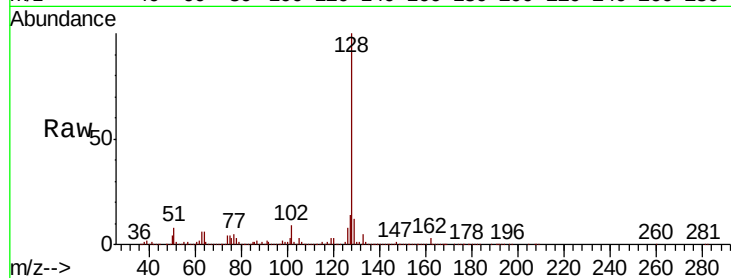
Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Instrument :

MSVOA\_W

ClientSampleId :



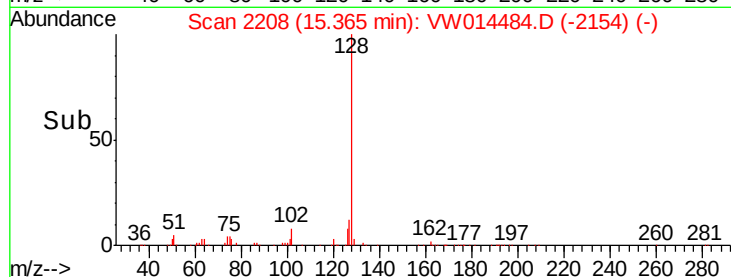
Tot Ion:128 Resp: 7688959

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 10.8  | 8.8   | 13.2  |
| 127 | 13.4  | 10.6  | 16.0  |

128 100

129 10.8 8.8 13.2

127 13.4 10.6 16.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

