

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122419\  
 Data File : VD064586.D  
 Acq On : 24 Dec 2019 12:42  
 Operator : VA/SY  
 Sample : VSTDICC150  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Dec 24 12:59:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122419S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 24 12:11:16 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 460178   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 668151   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 598709   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 309952   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.34  | 65   | 600039   | 146.16 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 292.32% |          |
| 35) Dibromofluoromethane    | 7.92  | 113  | 580457   | 139.38 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 278.76% |          |
| 50) Toluene-d8              | 10.34 | 98   | 2339702  | 149.67 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 299.34% |          |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 730795   | 146.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 293.86% |          |

| Target Compounds              | R.T. | QIon | Response | Conc     | Units | Qvalue |
|-------------------------------|------|------|----------|----------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85   | 462064   | 122.310  | ug/l  | 95     |
| 3) Chloromethane              | 2.21 | 50   | 641122   | 120.184  | ug/l  | 100    |
| 4) Vinyl Chloride             | 2.35 | 62   | 808221   | 126.219  | ug/l  | 97     |
| 5) Bromomethane               | 2.74 | 94   | 617266   | 133.201  | ug/l  | 96     |
| 6) Chloroethane               | 2.91 | 64   | 546195   | 127.892  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 3.27 | 101  | 1341463  | 123.733  | ug/l  | 99     |
| 8) Diethyl Ether              | 3.70 | 74   | 266495   | 123.986  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101  | 557092   | 124.108  | ug/l  | 100    |
| 10) Methyl Iodide             | 4.29 | 142  | 737806   | 168.404  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 5.26 | 59   | 166251   | 1007.051 | ug/l  | 96     |
| 12) 1,1-Dichloroethene        | 4.06 | 96   | 538201   | 126.645  | ug/l  | 99     |
| 13) Acrolein                  | 3.92 | 56   | 222295   | 670.094  | ug/l  | 98     |
| 14) Allyl chloride            | 4.71 | 41   | 876567   | 134.111  | ug/l  | 99     |
| 15) Acrylonitrile             | 5.43 | 53   | 587359   | 668.638  | ug/l  | 100    |
| 16) Acetone                   | 4.17 | 43   | 486990   | 543.336  | ug/l  | 95     |
| 17) Carbon Disulfide          | 4.40 | 76   | 1741876  | 126.764  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.73 | 43   | 309365   | 129.019  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 5.48 | 73   | 1279699  | 138.866  | ug/l  | 97     |
| 20) Methylene Chloride        | 4.96 | 84   | 579257   | 109.418  | ug/l  | 97     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96   | 637793   | 133.232  | ug/l  | 97     |
| 22) Diisopropyl ether         | 6.37 | 45   | 1770387  | 136.421  | ug/l  | 97     |
| 23) Vinyl Acetate             | 6.31 | 43   | 5322474  | 744.126  | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 6.26 | 63   | 1046554  | 133.509  | ug/l  | 98     |
| 25) 2-Butanone                | 7.22 | 43   | 762434   | 662.609  | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 7.21 | 77   | 957905   | 130.543  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96   | 696350   | 135.620  | ug/l  | 99     |
| 28) Bromochloromethane        | 7.55 | 49   | 414014   | 137.578  | ug/l  | 96     |
| 29) Tetrahydrofuran           | 7.57 | 42   | 479790   | 672.805  | ug/l  | 100    |
| 30) Chloroform                | 7.71 | 83   | 1090590  | 132.165  | ug/l  | 97     |
| 31) Cyclohexane               | 7.99 | 56   | 953800   | 117.567  | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97   | 1026114  | 132.654  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 8.11 | 75   | 878873   | 132.246  | ug/l  | 99     |
| 37) Ethyl Acetate             | 7.30 | 43   | 349467   | 134.817  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 8.10 | 117  | 975745   | 140.136  | ug/l  | 98     |

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 Sample : VSTDICC150  
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 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Dec 24 12:59:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122419S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 24 12:11:16 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 1088816  | 137.239  | ug/l   | 98       |
| 40) Benzene                    | 8.35  | 78   | 2493476  | 139.614  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.53  | 41   | 198118   | 130.150  | ug/l   | 92       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 701278   | 134.982  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 696556   | 135.656  | ug/l   | 100      |
| 44) Trichloroethene            | 9.11  | 130  | 705395   | 132.483  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 579199   | 134.271  | ug/l   | 99       |
| 46) Dibromomethane             | 9.48  | 93   | 324248   | 135.471  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.66  | 83   | 843817   | 131.318  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.46  | 41   | 321641   | 131.600  | ug/l   | 91       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 71785    | 2573.816 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 1767983  | 702.697  | ug/l   | 99       |
| 52) Toluene                    | 10.40 | 92   | 1675879  | 144.222  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 837455   | 143.520  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 987362   | 142.679  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 429793   | 131.797  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 576720   | 145.771  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 743895   | 133.288  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 1012458  | 654.246  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 1189775  | 699.814  | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.14 | 129  | 610732   | 137.347  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 432870   | 136.259  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.88 | 164  | 619524   | 129.866  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.67 | 112  | 1751931  | 137.332  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 673799   | 142.110  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.75 | 91   | 3221292  | 140.482  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.86 | 106  | 2499479  | 282.968  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 1137764  | 143.289  | ug/l   | 99       |
| 70) Styrene                    | 12.20 | 104  | 2058554  | 149.336  | ug/l   | 99       |
| 71) Bromoform                  | 12.36 | 173  | 376023   | 138.087  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 3112509  | 137.082  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 671248   | 139.539  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 455934   | 124.858  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 635817   | 146.826  | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 741911   | 131.843  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.83 | 91   | 3598919  | 135.579  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 1946483  | 132.565  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 2578481  | 138.626  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 163575   | 136.236  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 2127263  | 137.192  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.23 | 119  | 2243146  | 139.236  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 2596898  | 140.934  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.41 | 105  | 3051883  | 138.111  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 2952396  | 140.586  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 1462447  | 137.897  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 1401027  | 132.953  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 2647832  | 139.298  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.12 | 117  | 527360   | 127.246  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 1218125  | 133.165  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 72605    | 121.703  | ug/l   | 97       |

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Operator : VA/SY  
Sample : VSTDICC150  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

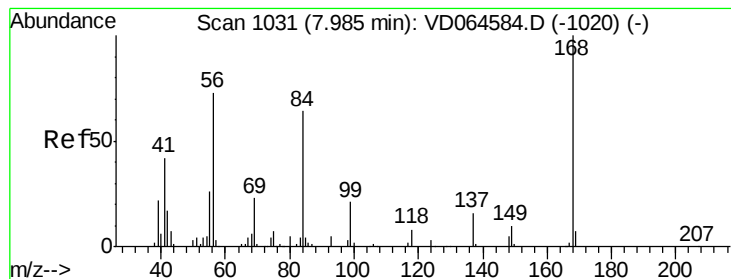
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Dec 24 12:59:42 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122419S.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 24 12:11:16 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 892459   | 132.253 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 552000   | 129.599 | ug/l  | 99       |
| 95) Naphthalene            | 15.41 | 128  | 1454518  | 139.205 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.61 | 180  | 752020   | 130.527 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

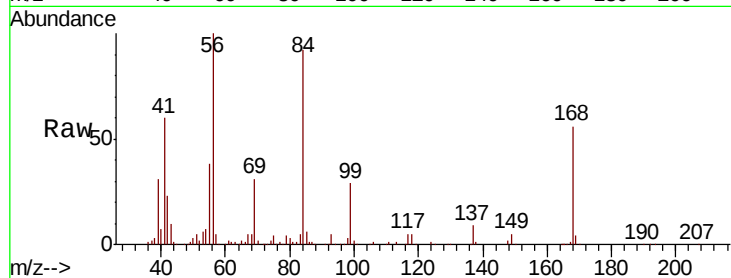
ClientSampleId :

Tot Ion:168 Resp: 460178

Ion Ratio Lower Upper

168 100

99 51.8 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

300000

250000

200000

150000

100000

50000

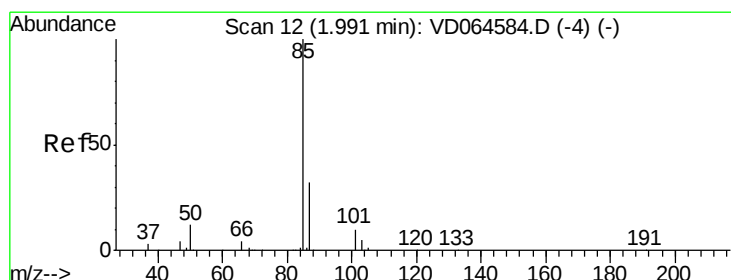
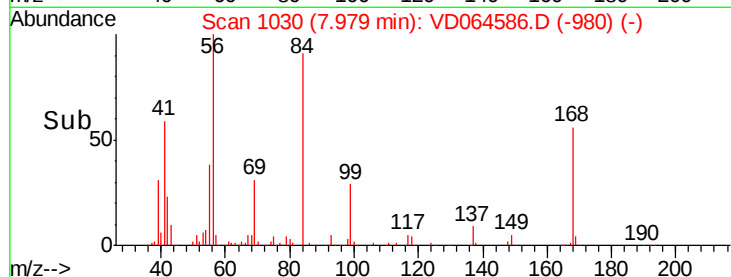
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 122.310 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064586.D

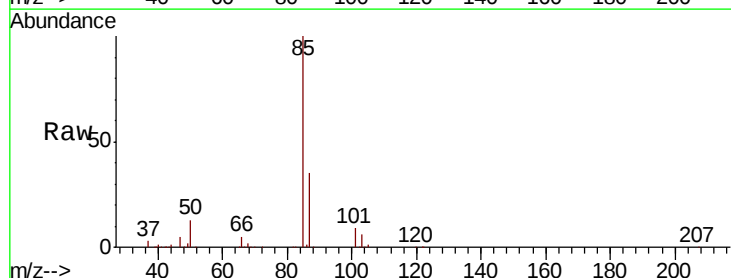
Acq: 24 Dec 2019 12:42

Tgt Ion: 85 Resp: 462064

Ion Ratio Lower Upper

85 100

87 34.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

300000

200000

100000

0

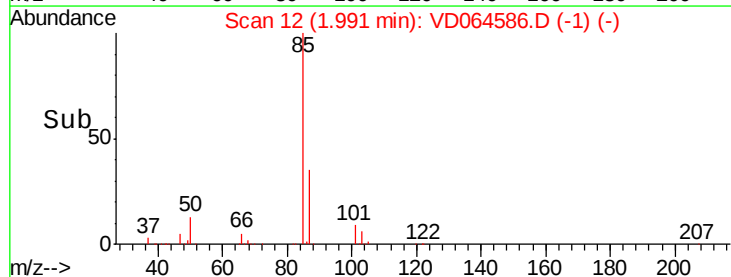
1.90

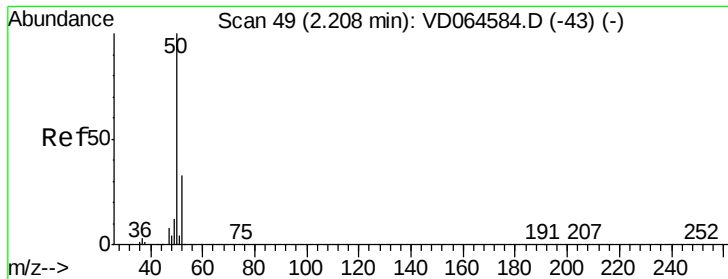
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 120.184 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

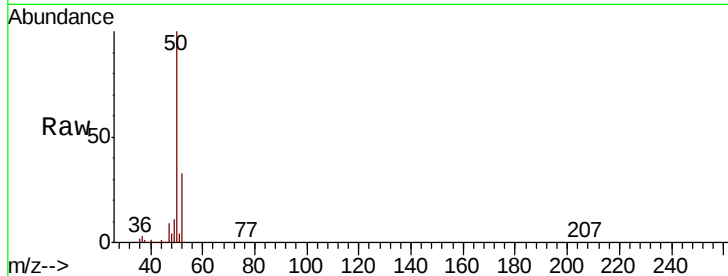
ClientSampleId :

Tot Ion: 50 Resp: 641122

Ion Ratio Lower Upper

50 100

52 32.8 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

500000

400000

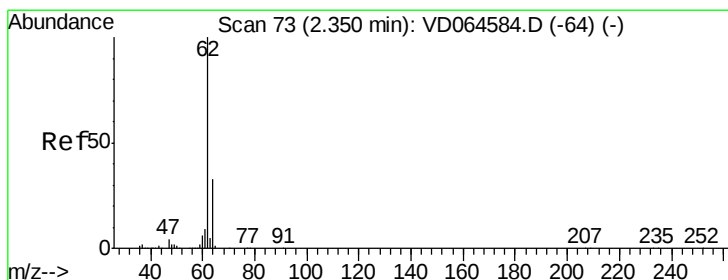
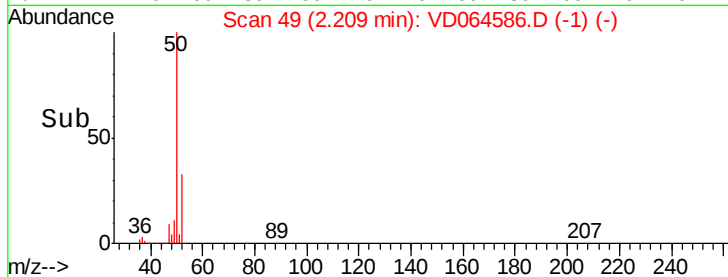
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 126.219 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064586.D

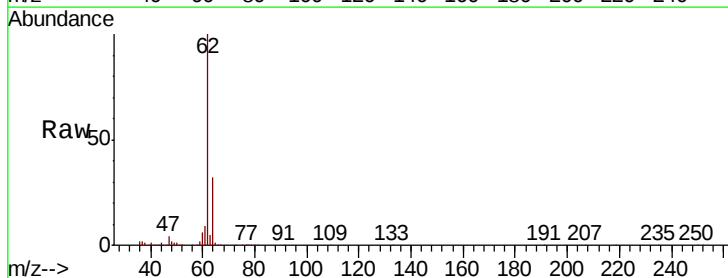
Acq: 24 Dec 2019 12:42

Tgt Ion: 62 Resp: 808221

Ion Ratio Lower Upper

62 100

64 31.8 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

600000

500000

400000

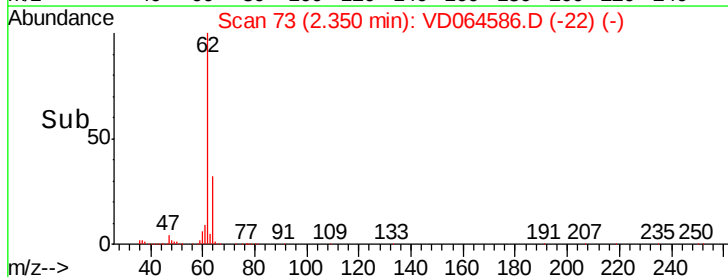
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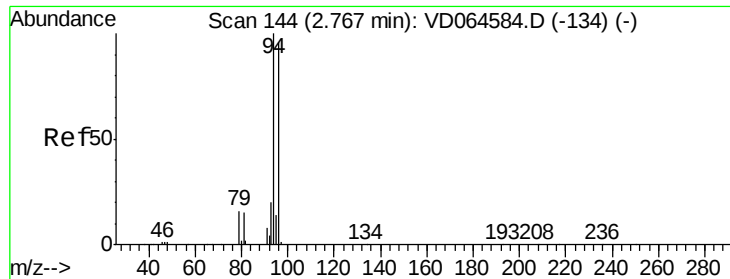
200000

100000

0

Time-->





#5

Bromomethane

Concen: 133.201 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.02 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

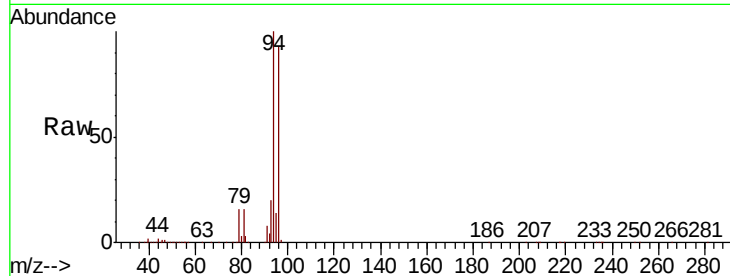
ClientSampleId :

Tot Ion: 94 Resp: 617266

Ion Ratio Lower Upper

94 100

96 92.6 77.2 115.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.74

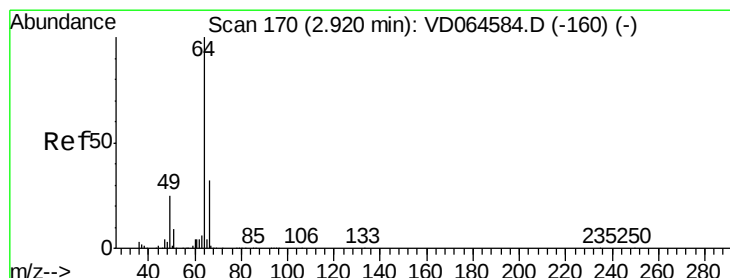
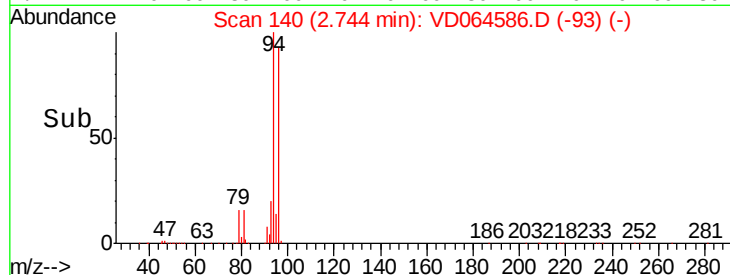
300000

200000

100000

0

Time-->



#6

Chloroethane

Concen: 127.892 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD064586.D

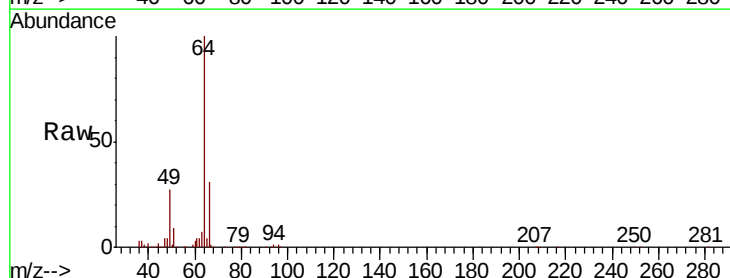
Acq: 24 Dec 2019 12:42

Tgt Ion: 64 Resp: 546195

Ion Ratio Lower Upper

64 100

66 31.0 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.91

250000

200000

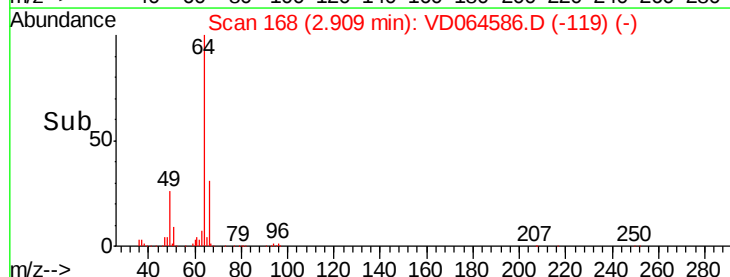
150000

100000

50000

0

Time-->



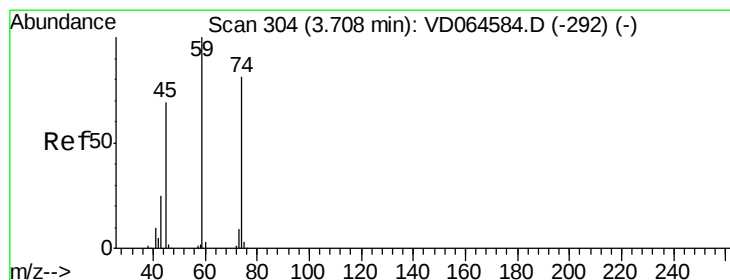
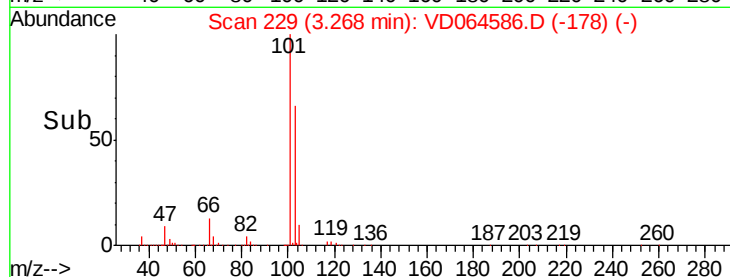
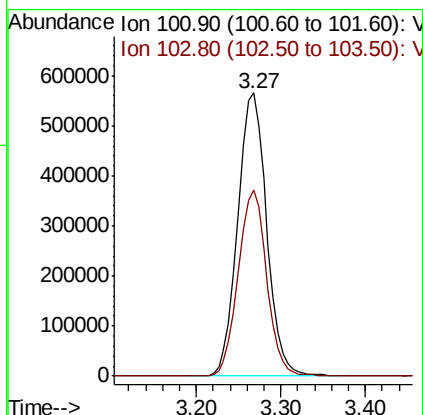
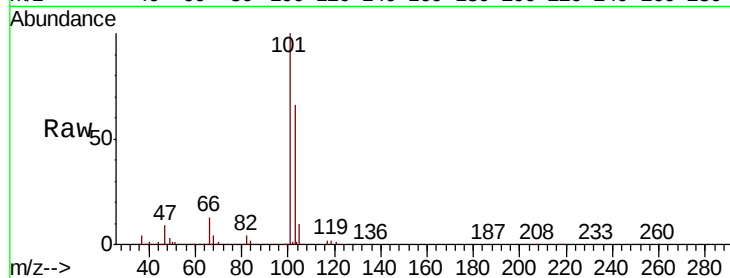


#7

Trichlorofluoromethane  
 Concen: 123.733 ug/l  
 RT: 3.27 min Scan# 229  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :

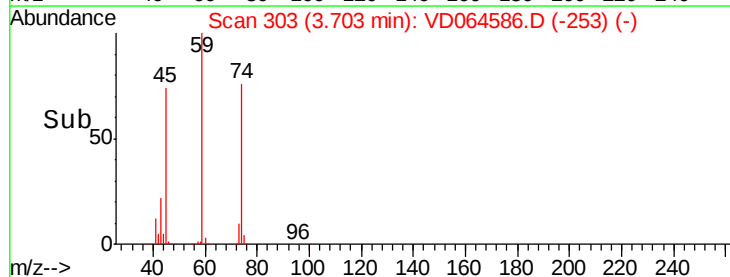
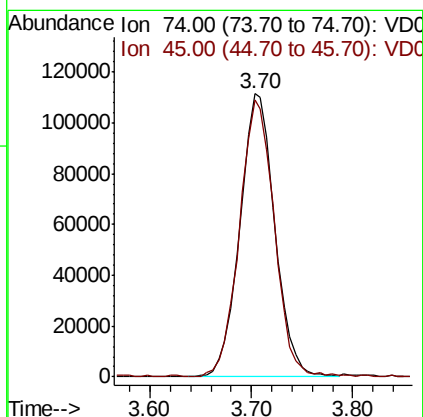
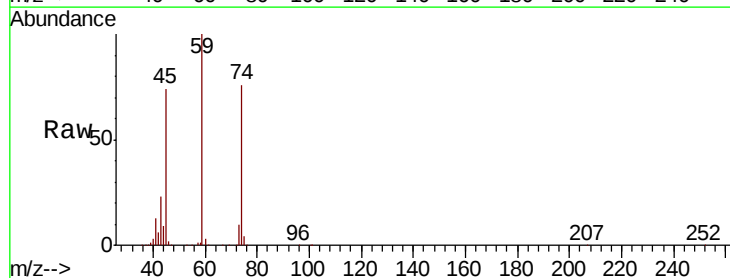
Tot Ion:101 Resp: 1341463  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 52.2 78.4



#8

Diethyl Ether  
 Concen: 123.986 ug/l  
 RT: 3.70 min Scan# 303  
 Delta R.T. -0.01 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Tgt Ion: 74 Resp: 266495  
 Ion Ratio Lower Upper  
 74 100  
 45 97.0 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 124.108 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

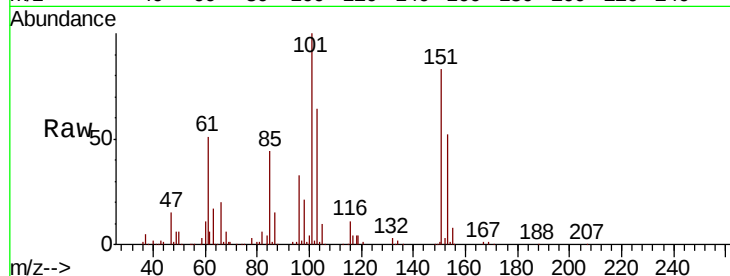
Tot Ion:101 Resp: 557092

Ion Ratio Lower Upper

101 100

85 44.3 35.2 52.8

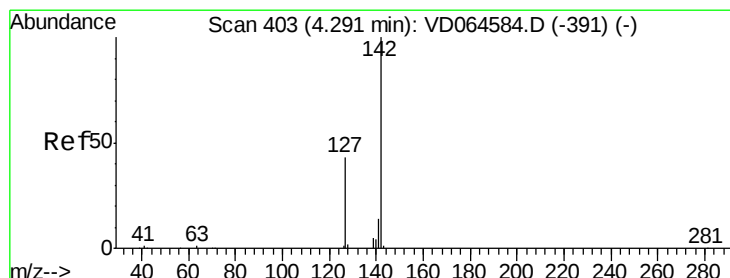
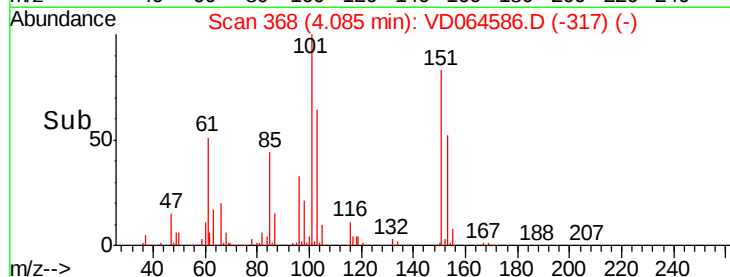
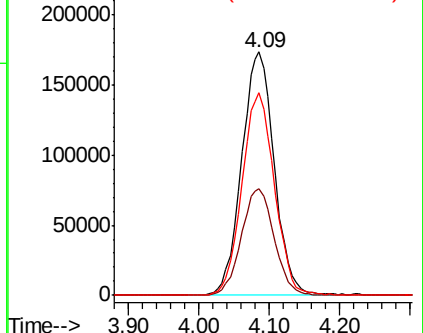
151 83.0 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 168.404 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

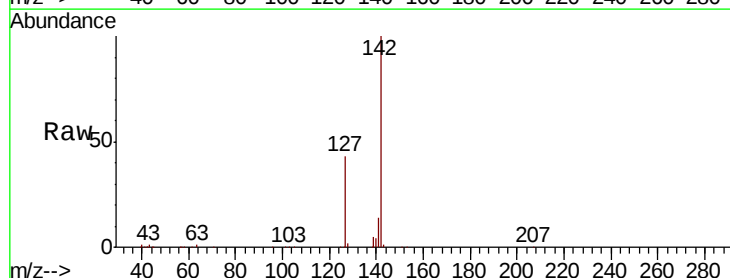
Tgt Ion:142 Resp: 737806

Ion Ratio Lower Upper

142 100

127 44.7 36.2 54.4

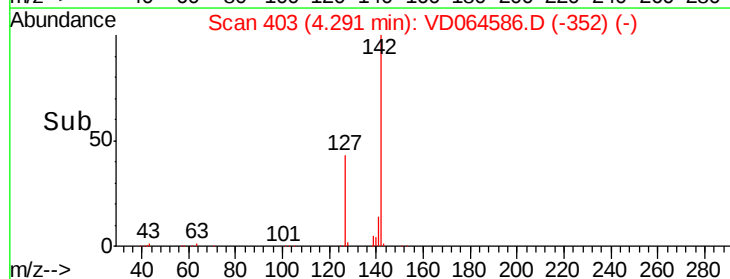
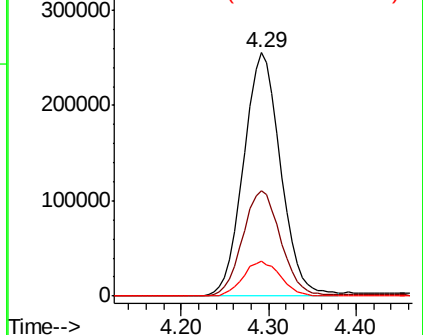
141 14.7 11.8 17.8

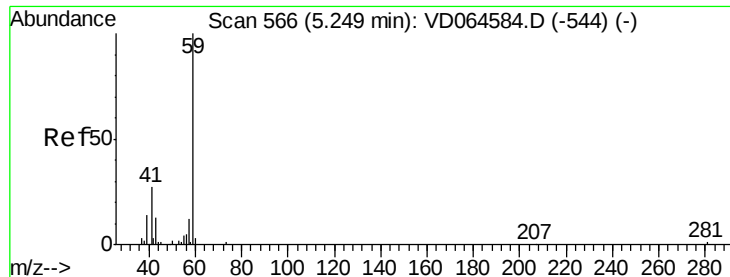


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



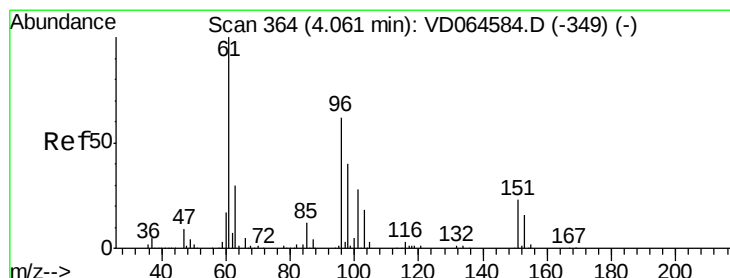
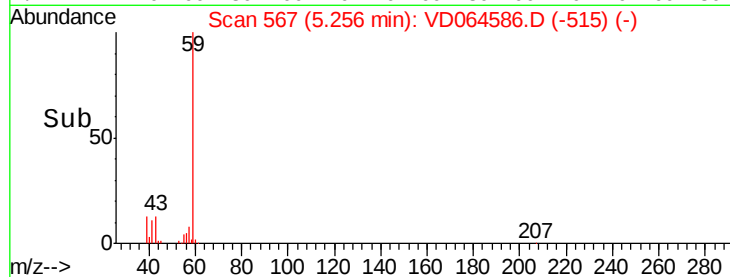
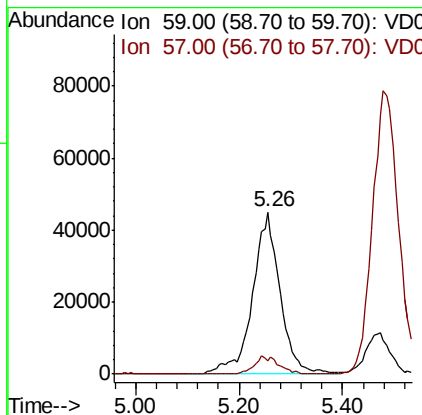
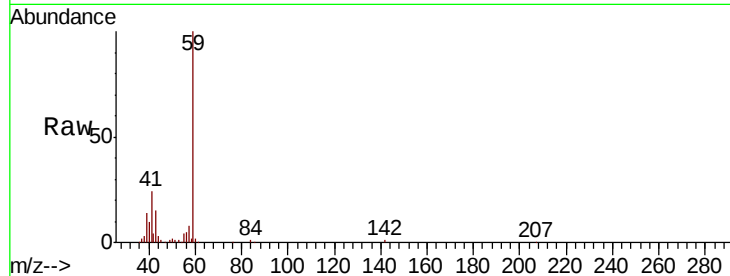


#11

Tert butyl alcohol  
Concen: 1007.051 ug/l  
RT: 5.26 min Scan# 567  
Delta R.T. 0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :

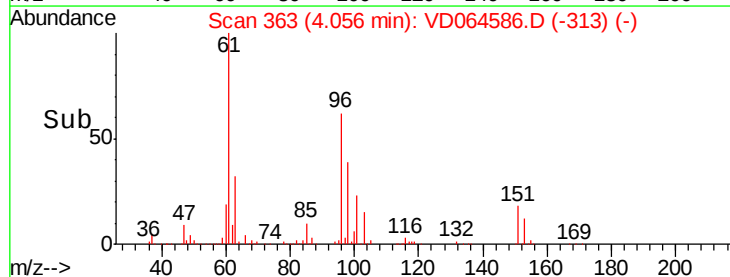
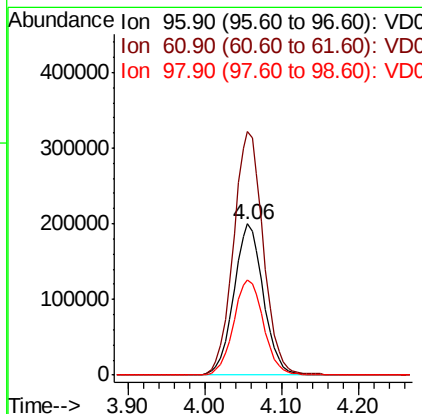
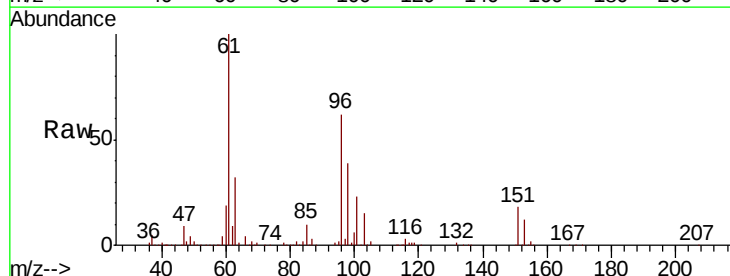
Tot Ion: 59 Resp: 166251  
Ion Ratio Lower Upper  
59 100  
57 9.9 9.3 13.9

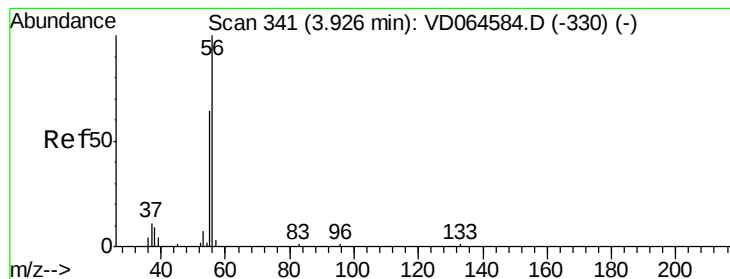


#12

1,1-Dichloroethene  
Concen: 126.645 ug/l  
RT: 4.06 min Scan# 363  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 96 Resp: 538201  
Ion Ratio Lower Upper  
96 100  
61 161.2 129.4 194.0  
98 63.1 51.4 77.0





#13

Acrolein

Concen: 670.094 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

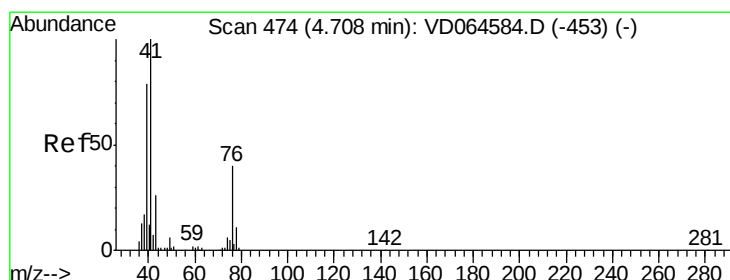
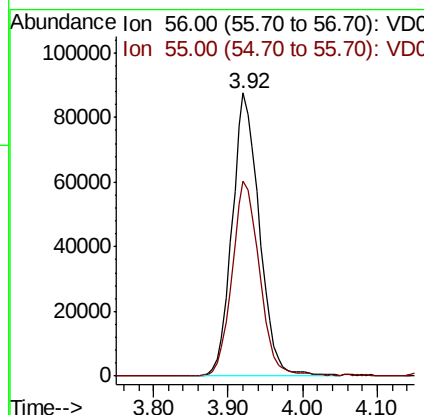
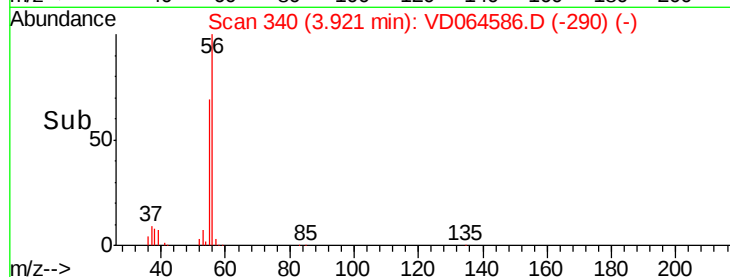
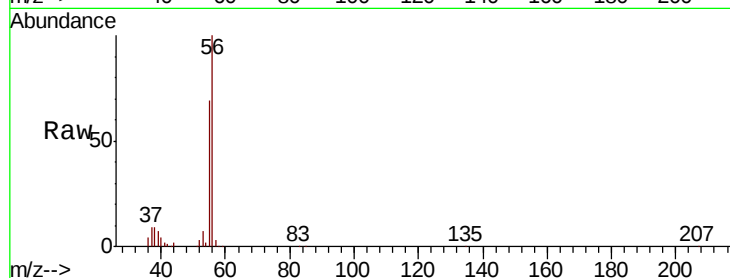
ClientSampleId :

Tot Ion: 56 Resp: 222295

Ion Ratio Lower Upper

56 100

55 69.7 56.7 85.1



#14

Allyl chloride

Concen: 134.111 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

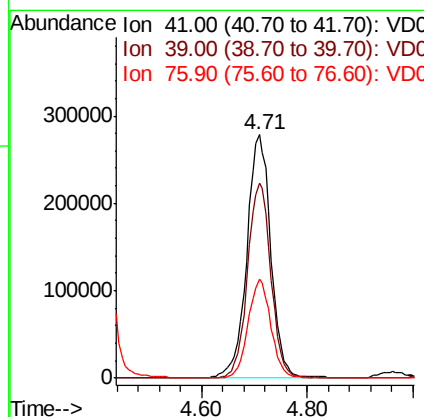
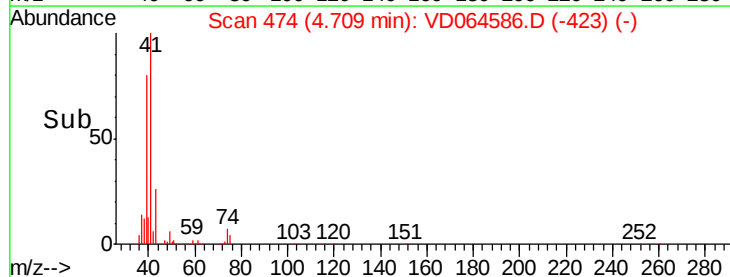
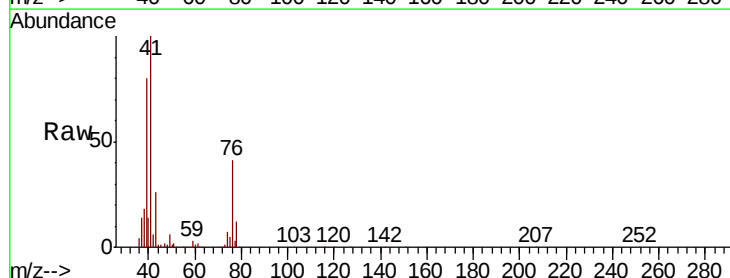
Tgt Ion: 41 Resp: 876567

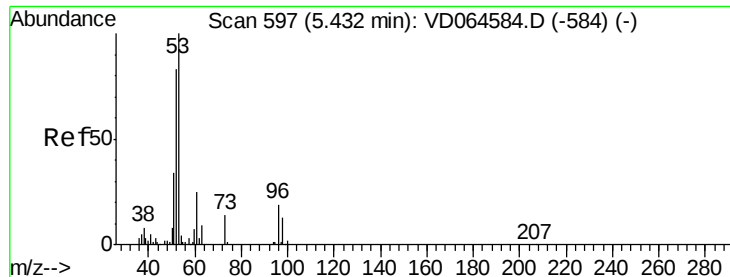
Ion Ratio Lower Upper

41 100

39 78.2 62.3 93.5

76 38.0 29.7 44.5





#15

Acrylonitrile

Concen: 668.638 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

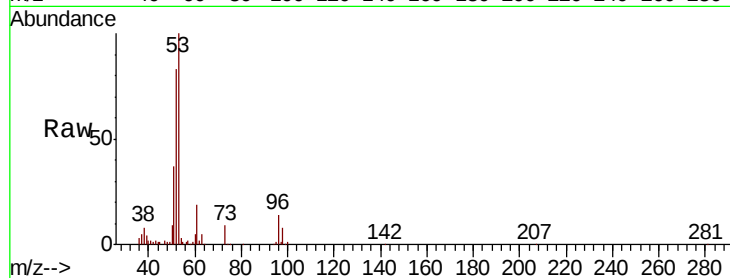
Tot Ion: 53 Resp: 587359

Ion Ratio Lower Upper

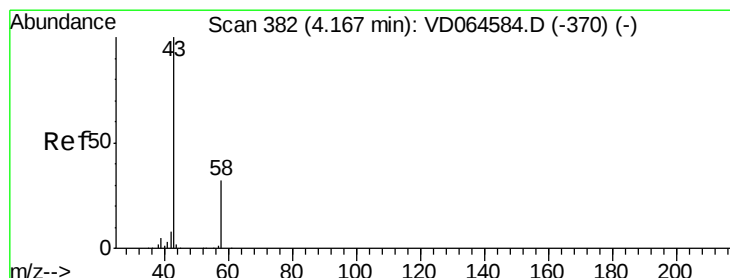
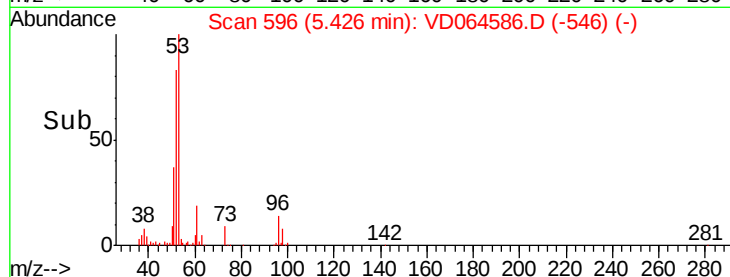
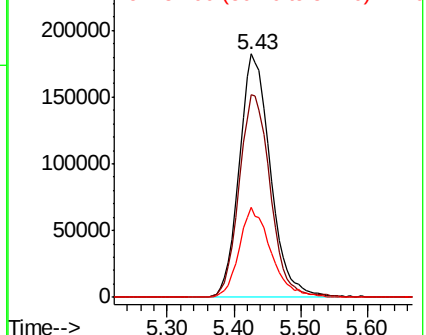
53 100

52 83.2 66.2 99.2

51 37.7 30.1 45.1



Abundance Ion 53.00 (52.70 to 53.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC  
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 543.336 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064586.D

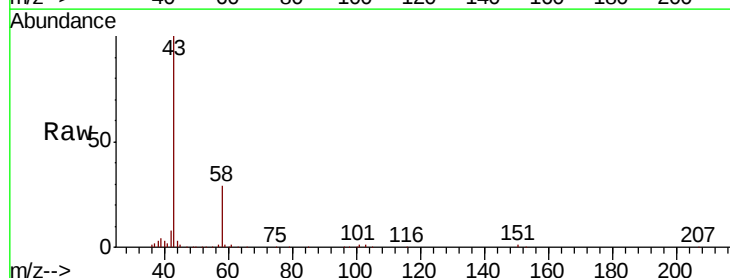
Acq: 24 Dec 2019 12:42

Tgt Ion: 43 Resp: 486990

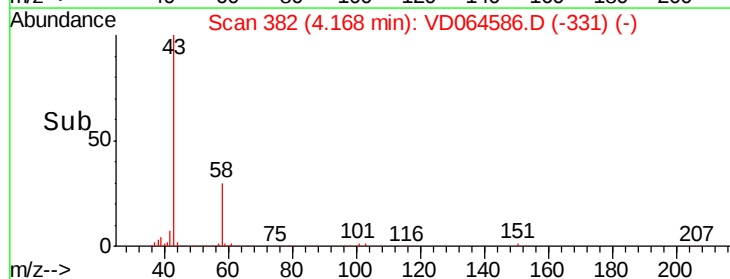
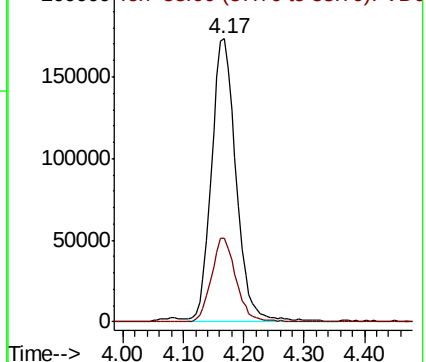
Ion Ratio Lower Upper

43 100

58 29.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC

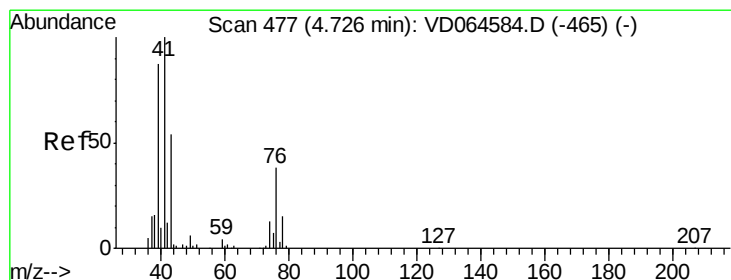
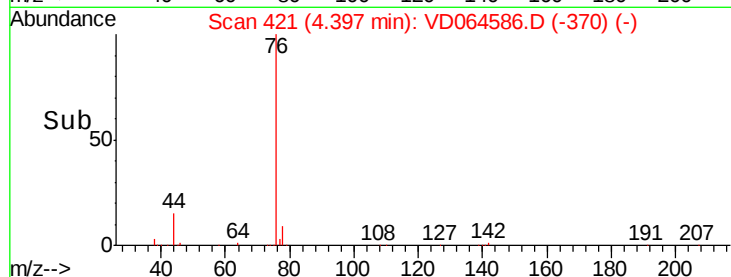
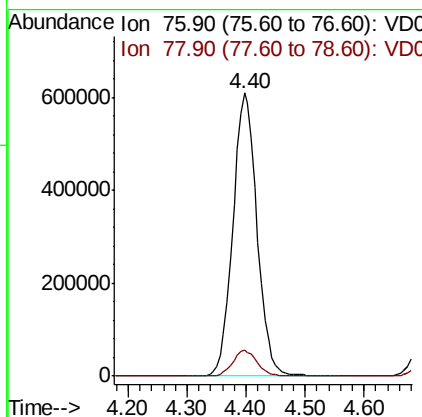
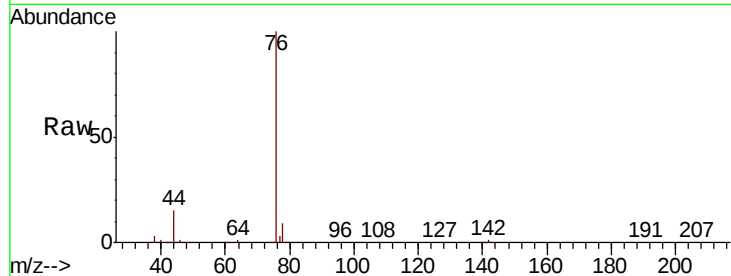




#17  
Carbon Disulfide  
Concen: 126.764 ug/l  
RT: 4.40 min Scan# 421  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

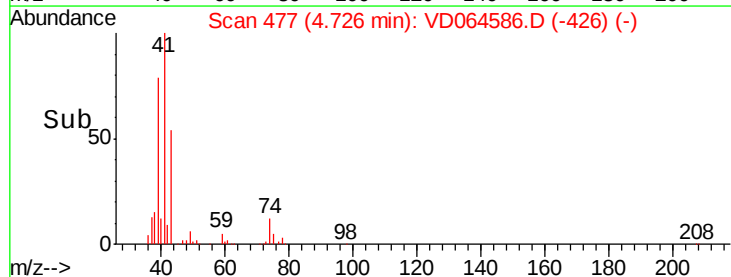
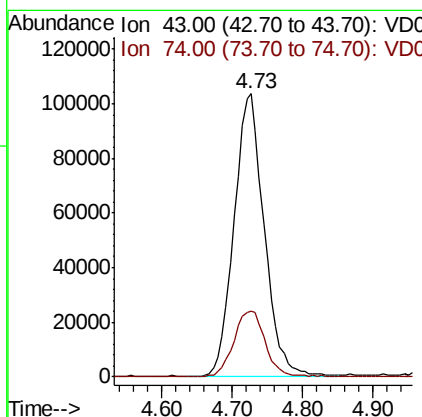
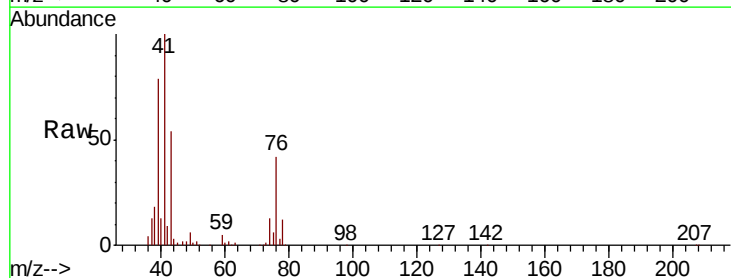
Instrument :  
MSVOA\_D  
ClientSampleId :

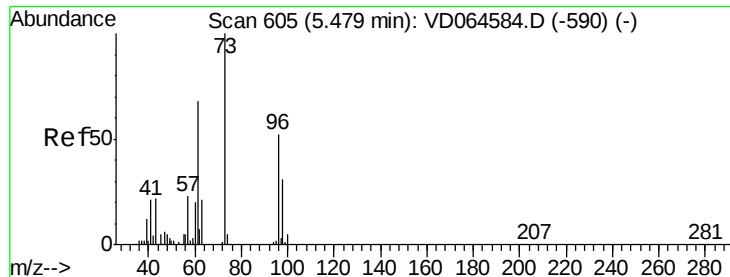
Tot Ion: 76 Resp: 1741876  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.3 10.9



#18  
Methyl Acetate  
Concen: 129.019 ug/l  
RT: 4.73 min Scan# 477  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 43 Resp: 309365  
Ion Ratio Lower Upper  
43 100  
74 24.1 19.2 28.8



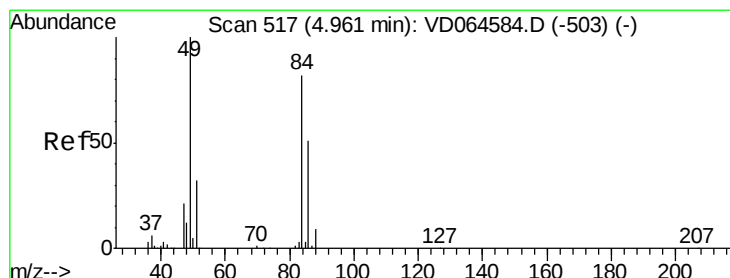
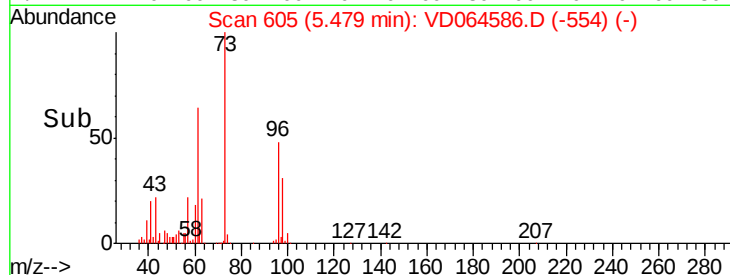
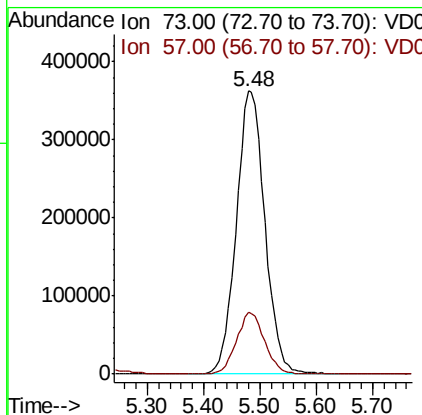
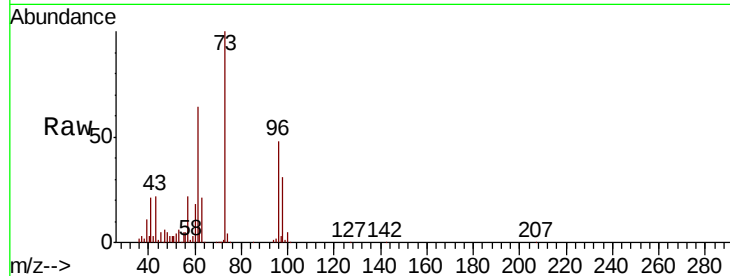


#19

Methyl tert-butyl Ether  
 Concen: 138.866 ug/l  
 RT: 5.48 min Scan# 605  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :

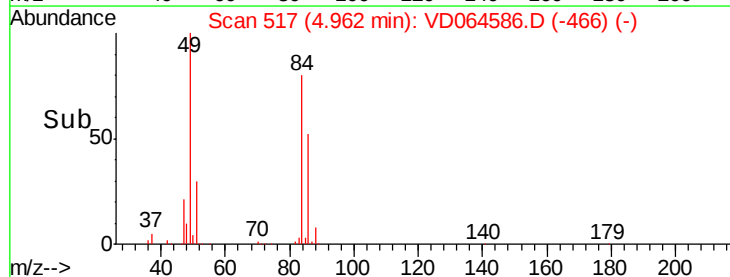
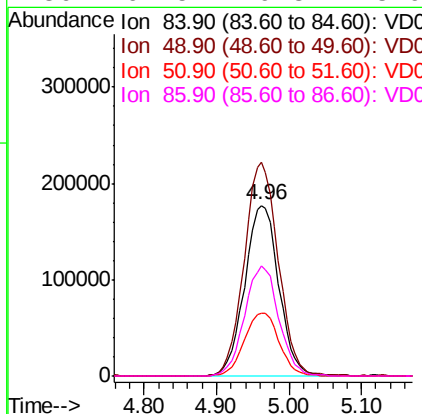
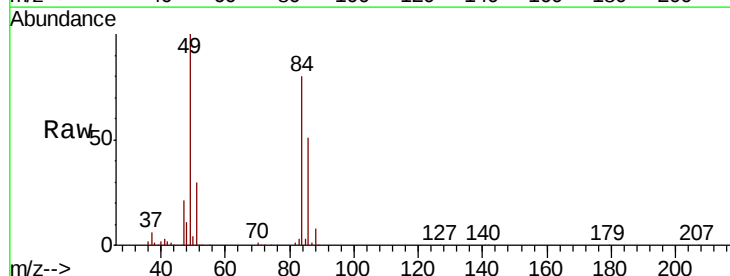
Tot Ion: 73 Resp: 1279699  
 Ion Ratio Lower Upper  
 73 100  
 57 21.7 18.6 27.8

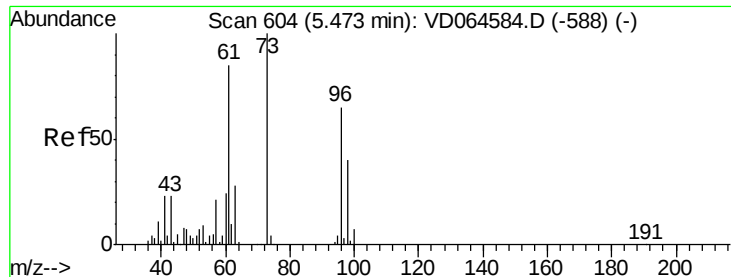


#20

Methylene Chloride  
 Concen: 109.418 ug/l  
 RT: 4.96 min Scan# 517  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Tgt Ion: 84 Resp: 579257  
 Ion Ratio Lower Upper  
 84 100  
 49 125.2 97.2 145.8  
 51 37.0 31.4 47.0  
 86 64.5 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 133.232 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

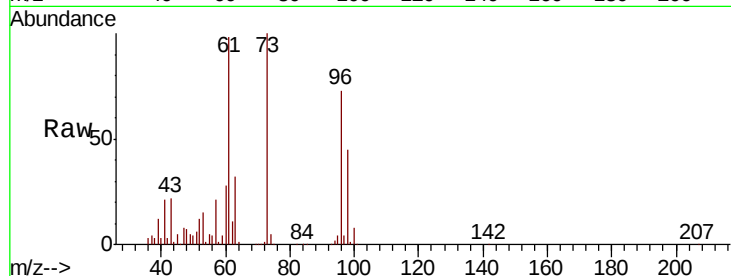
Tot Ion: 96 Resp: 637793

Ion Ratio Lower Upper

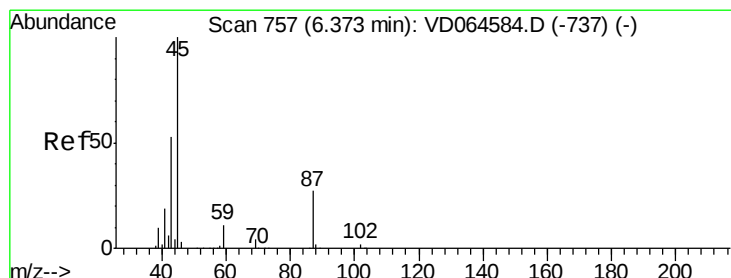
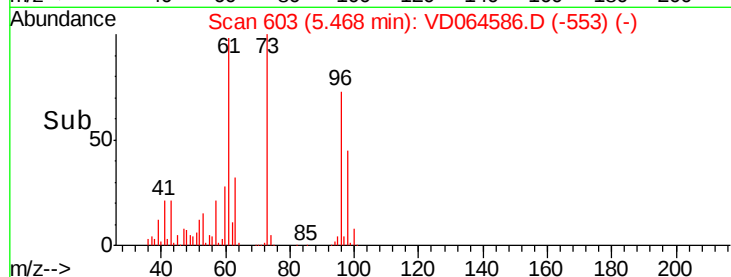
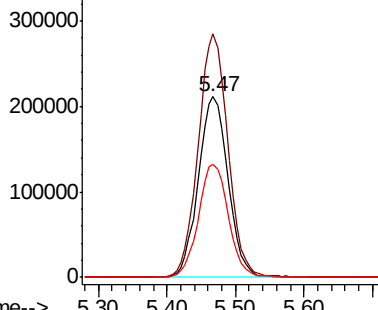
96 100

61 135.1 104.7 157.1

98 62.5 49.4 74.2



Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC  
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 136.421 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Tgt Ion: 45 Resp: 1770387

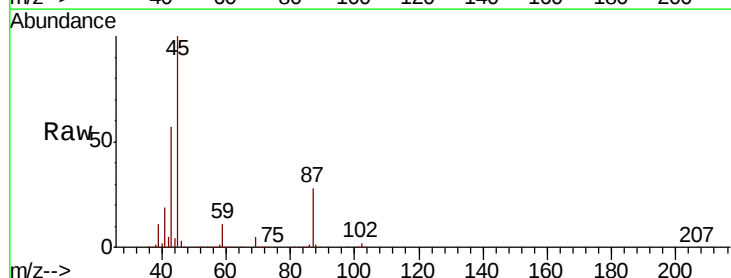
Ion Ratio Lower Upper

45 100

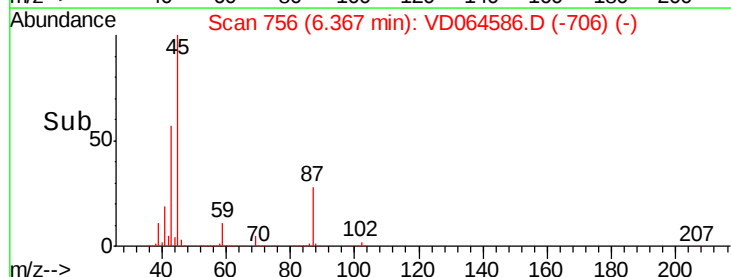
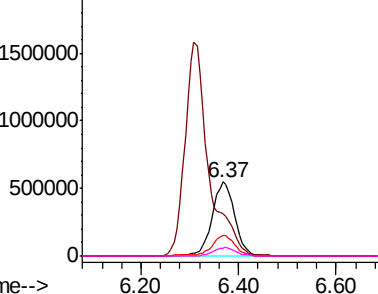
43 57.3 43.2 64.8

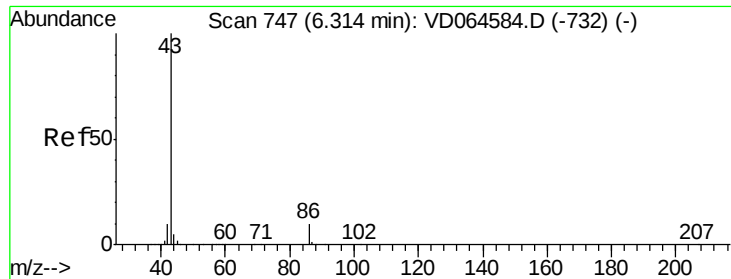
87 27.6 21.9 32.9

59 11.1 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 87.00 (86.70 to 87.70): VDC  
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 744.126 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

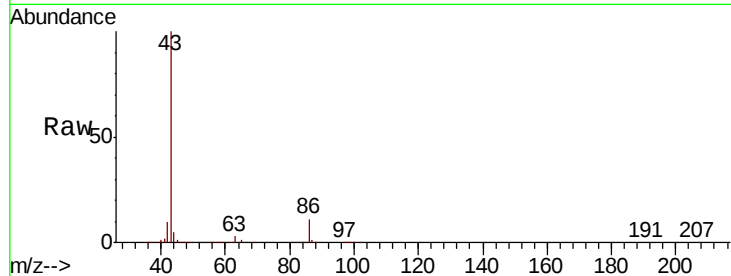
ClientSampleId :

Tot Ion: 43 Resp: 5322474

Ion Ratio Lower Upper

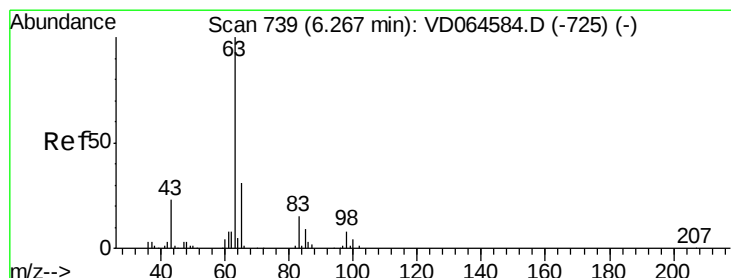
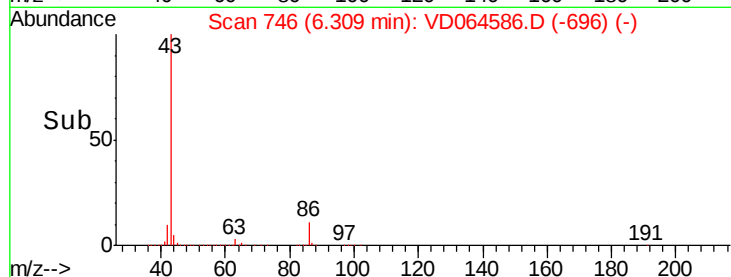
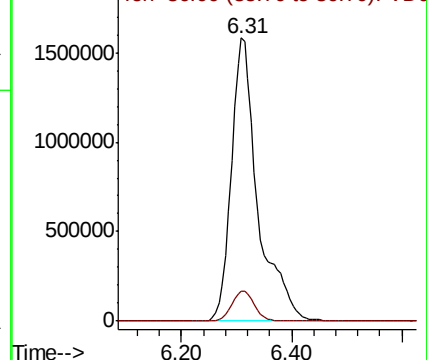
43 100

86 10.6 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 133.509 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

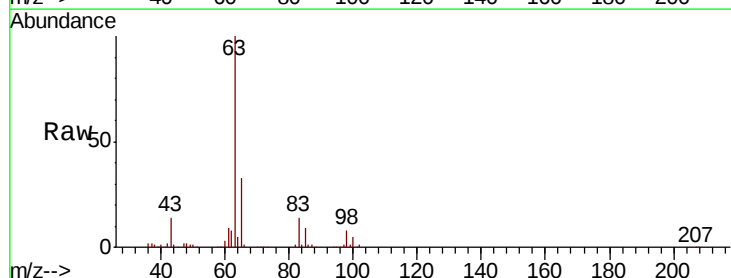
Tgt Ion: 63 Resp: 1046554

Ion Ratio Lower Upper

63 100

98 7.7 4.1 12.3

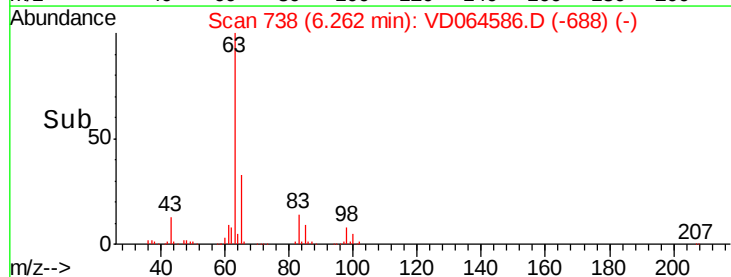
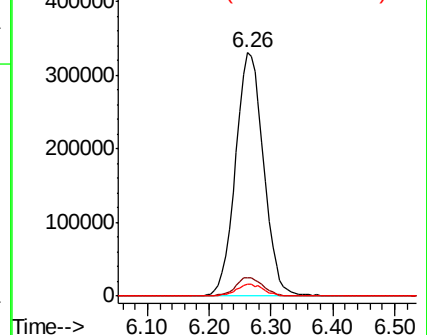
100 5.1 2.2 6.6

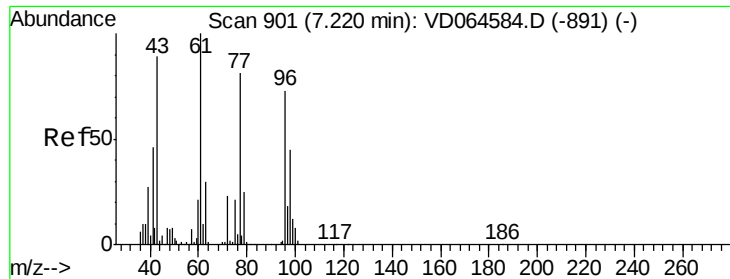


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 662.609 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

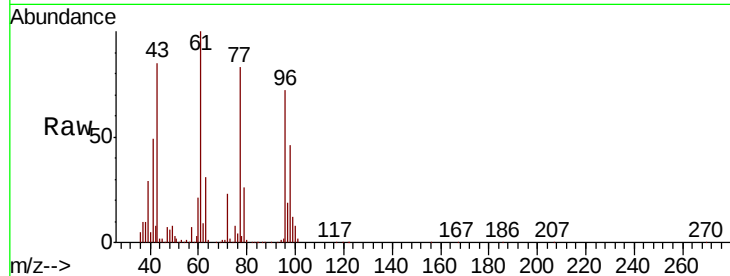
Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 762434

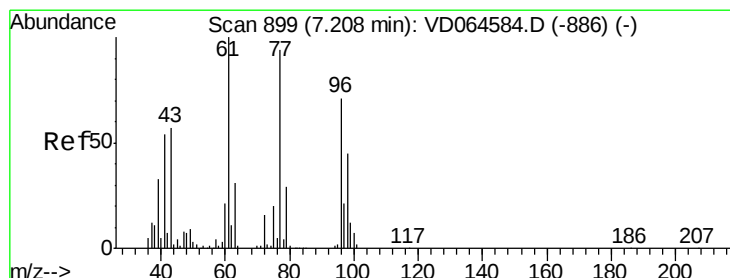
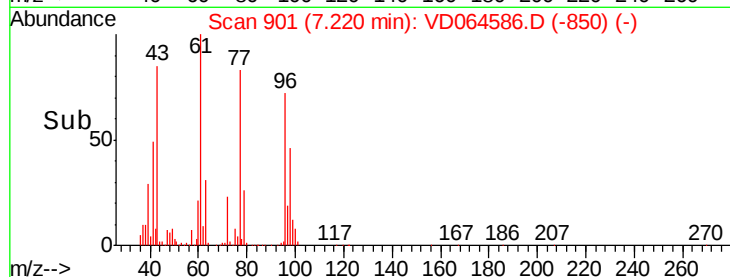
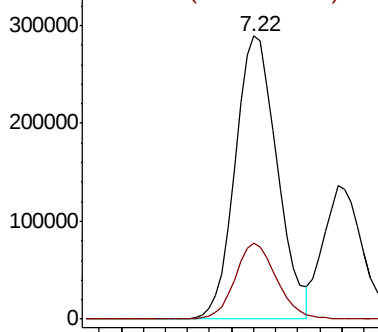
Ion Ratio Lower Upper

43 100

72 27.0 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 130.543 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD064586.D

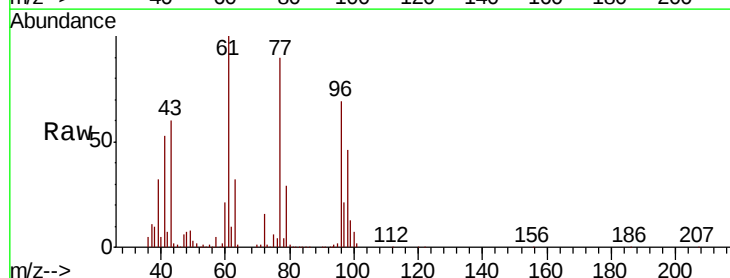
Acq: 24 Dec 2019 12:42

Tgt Ion: 77 Resp: 957905

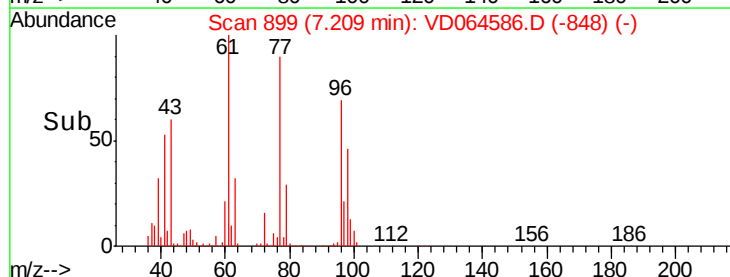
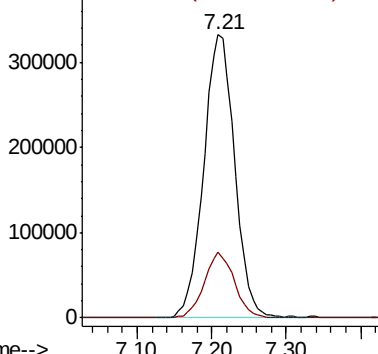
Ion Ratio Lower Upper

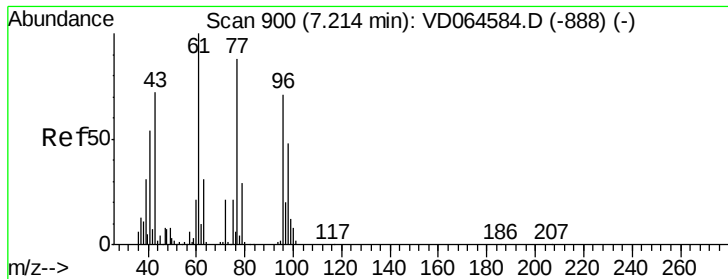
77 100

97 22.5 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VDC  
Ion 96.90 (96.60 to 97.60): VDC



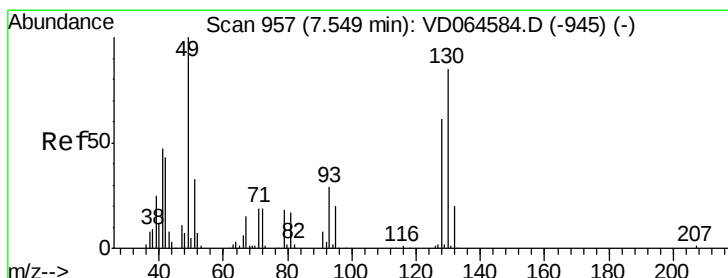
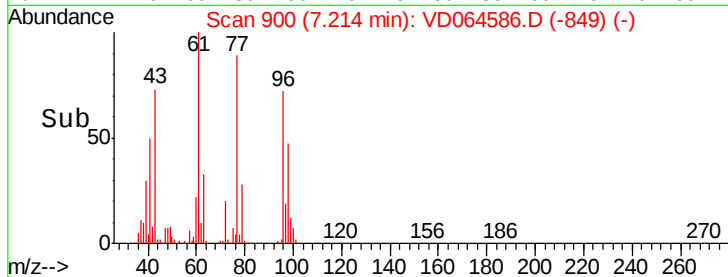
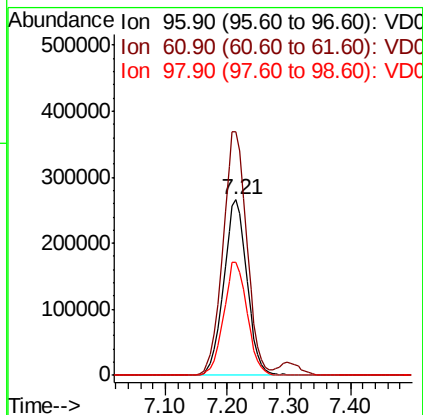
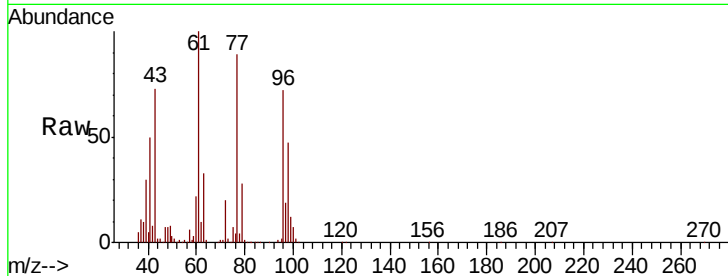


#27

cis-1,2-Dichloroethene  
 Concen: 135.620 ug/l  
 RT: 7.21 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Instrument :  
 MSVOA\_D  
 ClientSampled :

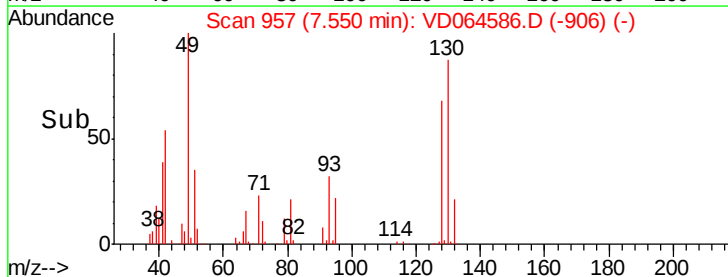
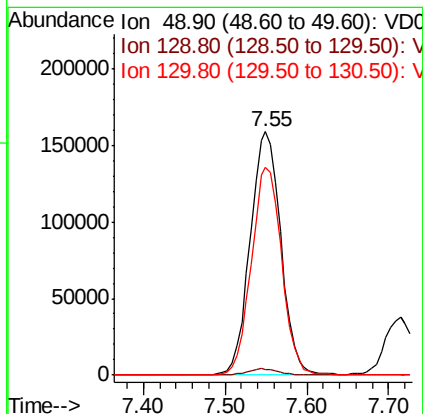
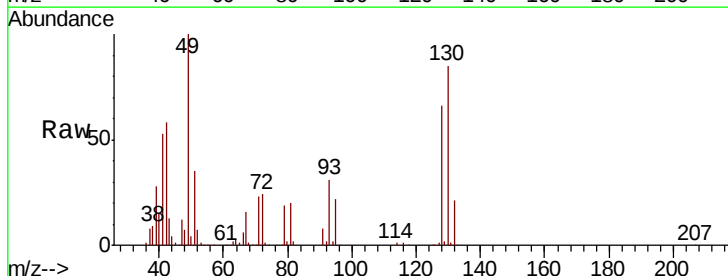
| Tot Ion | 96    | Resp  | 696350 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 142.4 | 0.0   | 282.6  |
| 98      | 65.1  | 0.0   | 130.8  |

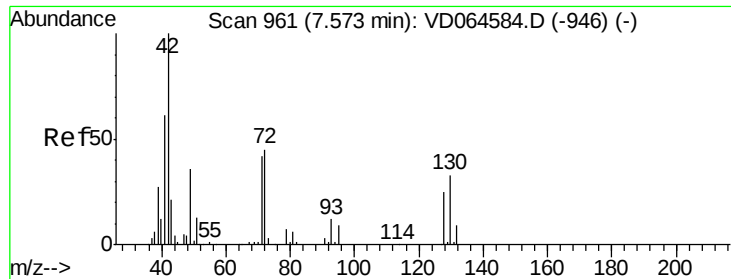


#28

Bromochloromethane  
 Concen: 137.578 ug/l  
 RT: 7.55 min Scan# 957  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

| Tgt Ion | 49    | Resp  | 414014 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 49      | 100   |       |        |
| 129     | 2.4   | 0.0   | 4.8    |
| 130     | 84.6  | 65.0  | 97.6   |

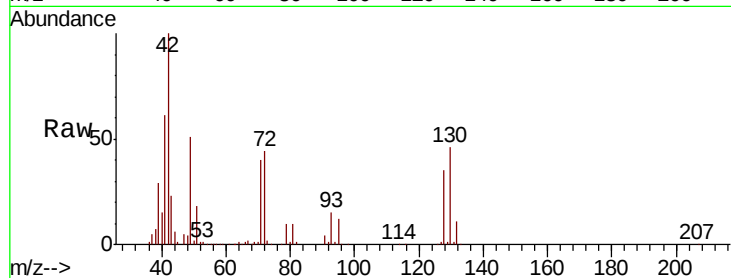




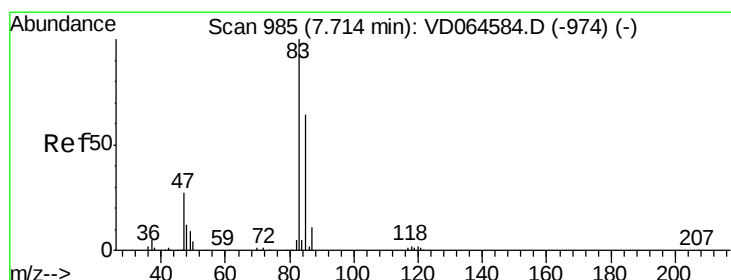
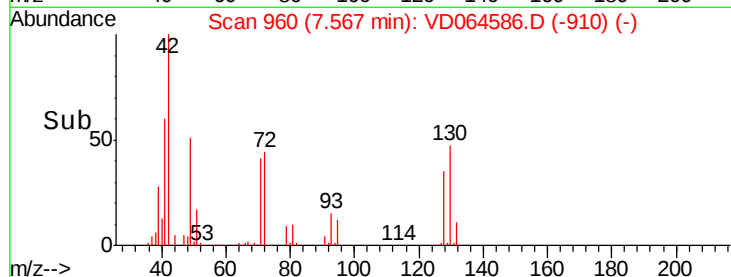
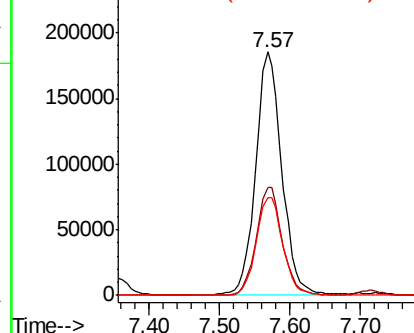
#29  
Tetrahydrofuran  
Concen: 672.805 ug/l  
RT: 7.57 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleID :

Tot Ion: 42 Resp: 479790  
Ion Ratio Lower Upper  
42 100  
72 44.1 35.0 52.4  
71 41.0 32.9 49.3

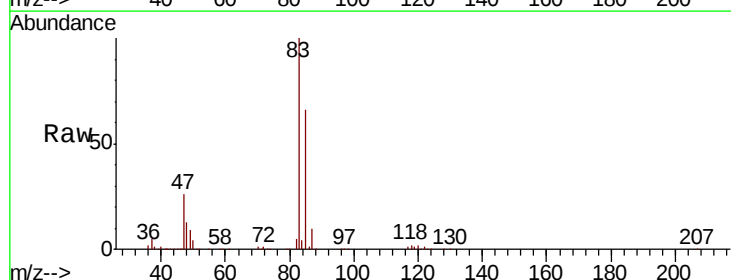


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

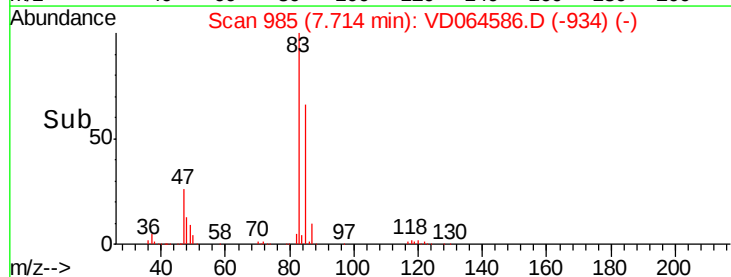
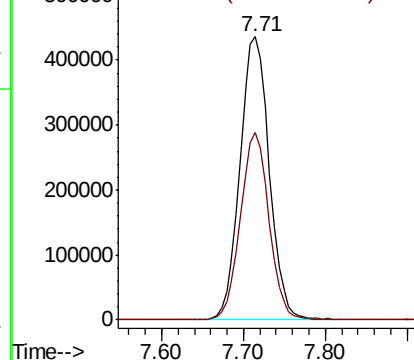


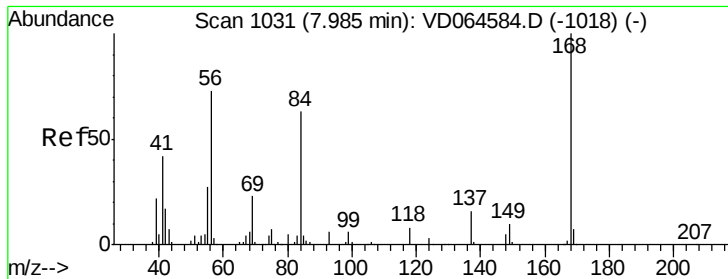
#30  
Chloroform  
Concen: 132.165 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 83 Resp: 1090590  
Ion Ratio Lower Upper  
83 100  
85 66.3 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 84.90 (84.60 to 85.60): VDC

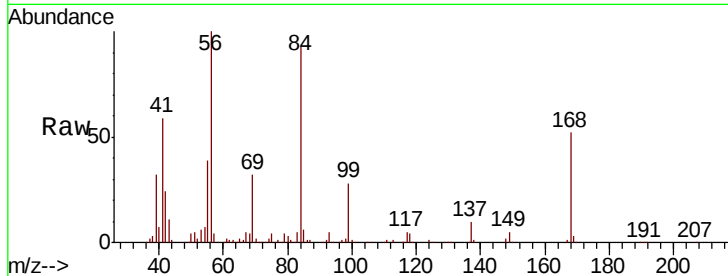




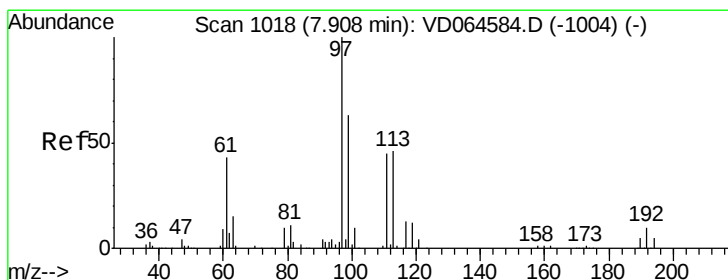
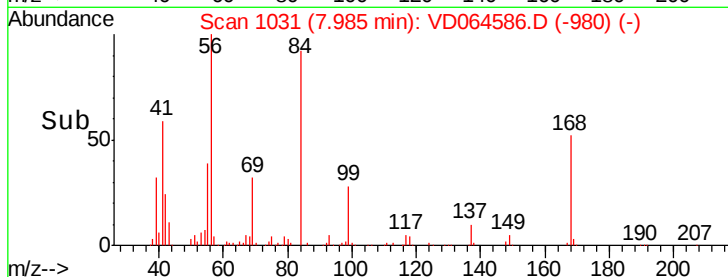
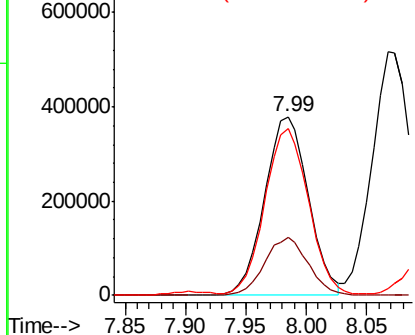
#31  
Cyclohexane  
Concen: 117.567 ug/l  
RT: 7.99 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 56 Resp: 953800  
Ion Ratio Lower Upper  
56 100  
69 32.2 24.7 37.1  
84 90.9 69.4 104.2

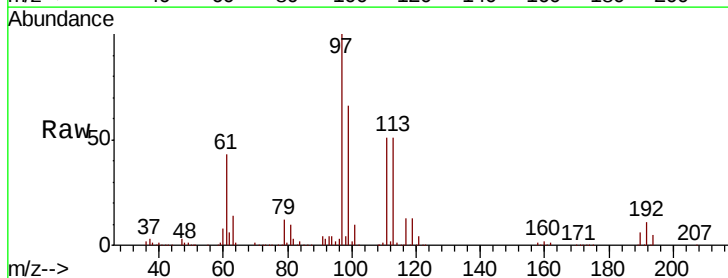


Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.00 (83.70 to 84.70): VDC

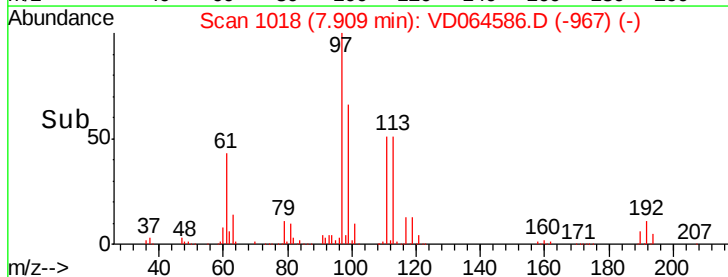
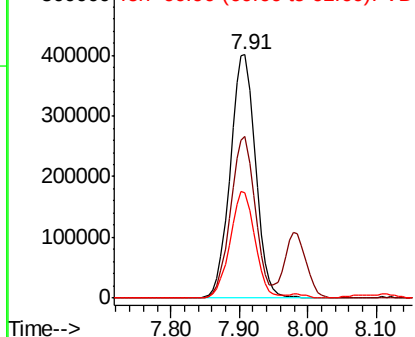


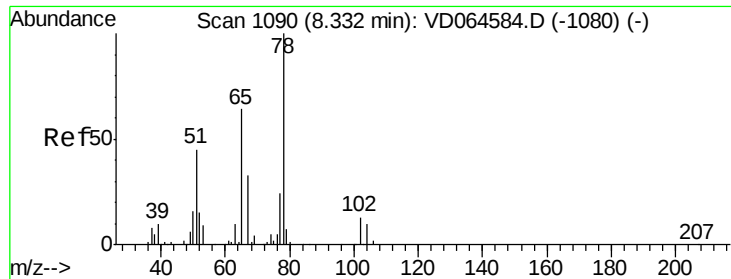
#32  
1,1,1-Trichloroethane  
Concen: 132.654 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 97 Resp: 1026114  
Ion Ratio Lower Upper  
97 100  
99 65.1 51.0 76.6  
61 43.1 35.4 53.0



Abundance Ion 96.90 (96.60 to 97.60): VDC  
Ion 98.90 (98.60 to 99.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 146.162 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

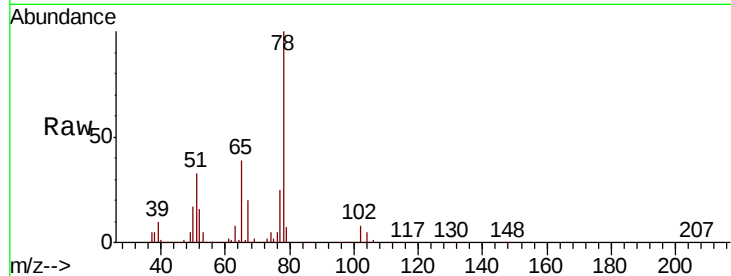
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 65 Resp: 600039

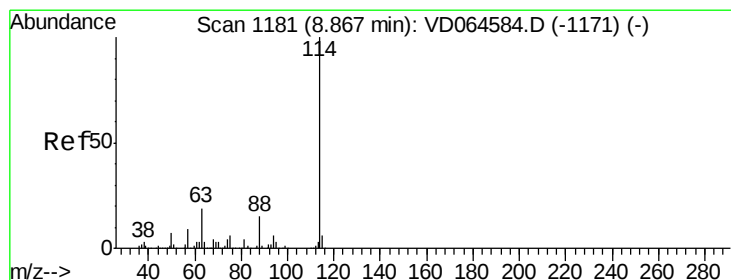
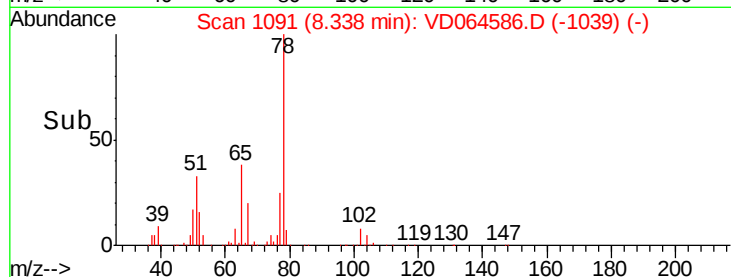
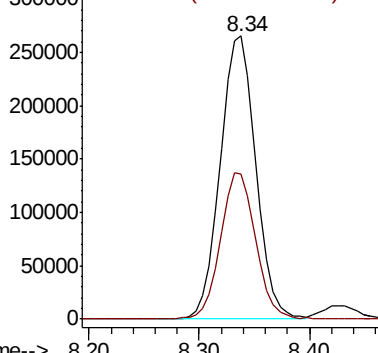
Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC  
Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

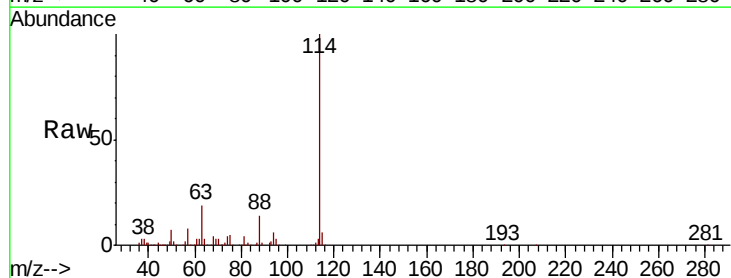
Tgt Ion: 114 Resp: 668151

Ion Ratio Lower Upper

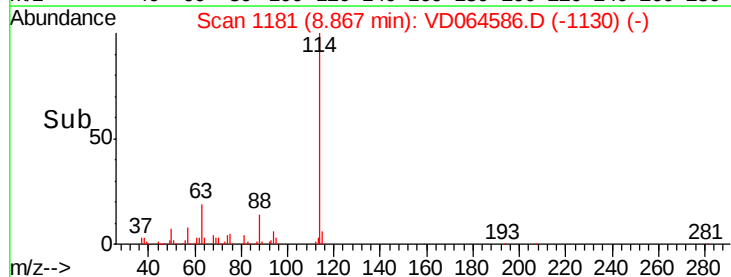
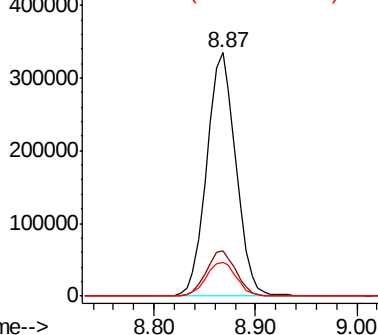
114 100

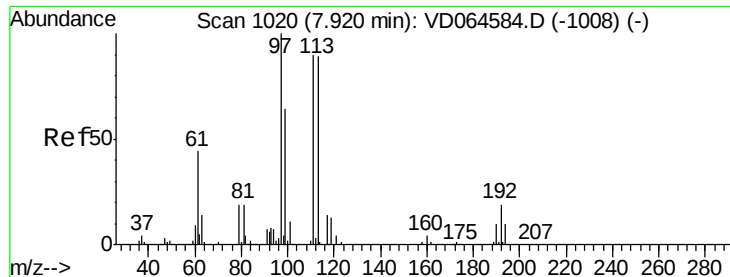
63 18.8 0.0 38.0

88 13.8 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VDC  
Ion 63.00 (62.70 to 63.70): VDC  
Ion 87.90 (87.60 to 88.60): VDC

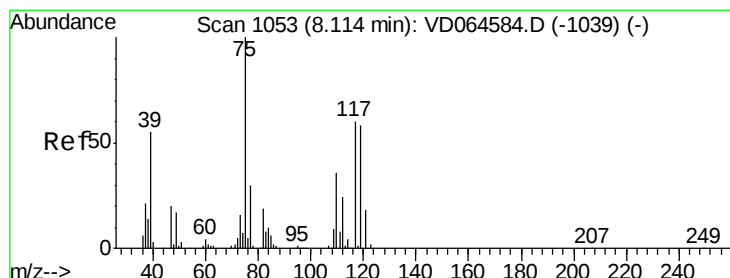
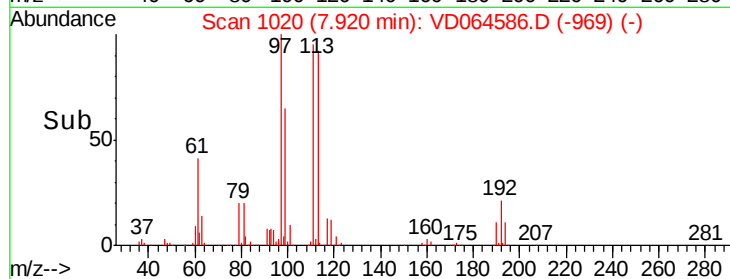
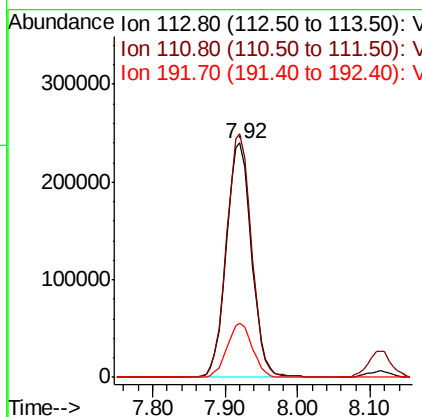
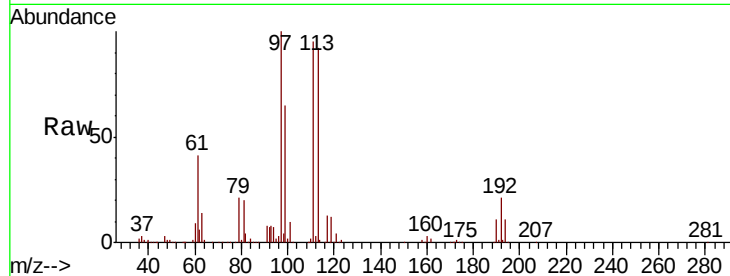




#35  
 Dibromofluoromethane  
 Concen: 139.379 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

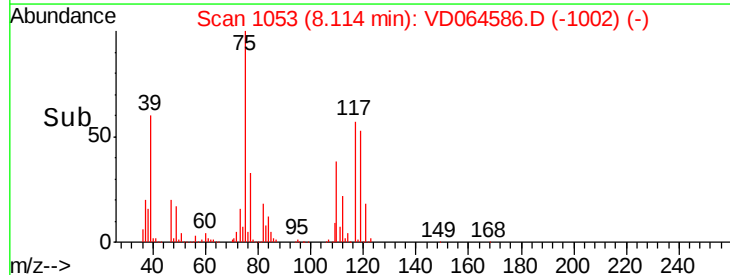
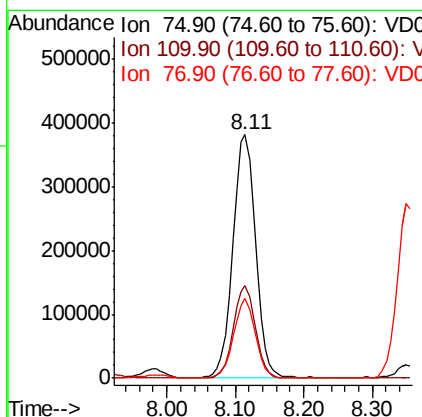
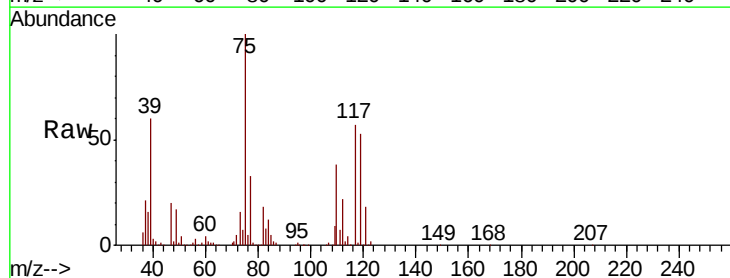
Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.5 | 80.6  | 121.0 |
| 192     | 23.2  | 17.9  | 26.9  |



#36  
 1,1-Dichloropropene  
 Concen: 132.246 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.6  | 18.1  | 54.1  |
| 77      | 31.2  | 24.2  | 36.4  |

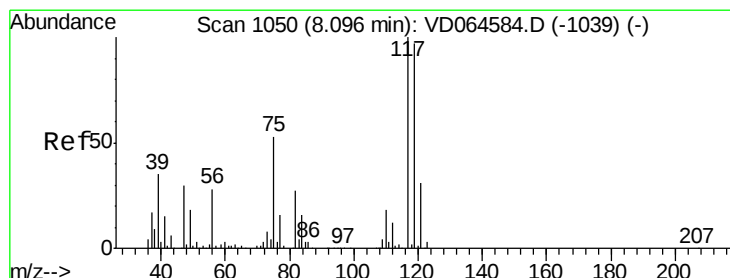
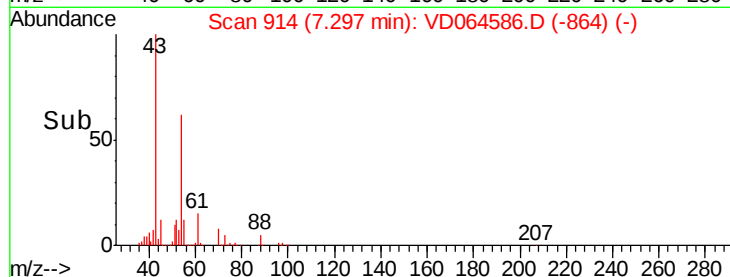
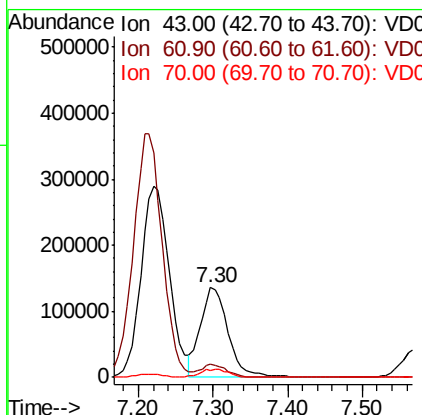
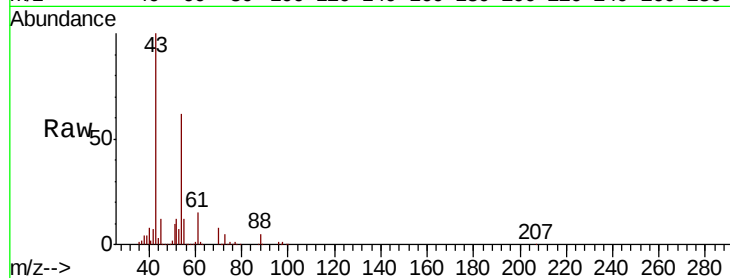




#37  
Ethyl Acetate  
Concen: 134.817 ug/l  
RT: 7.30 min Scan# 914  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

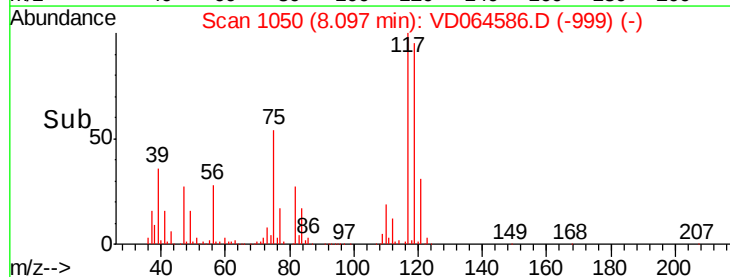
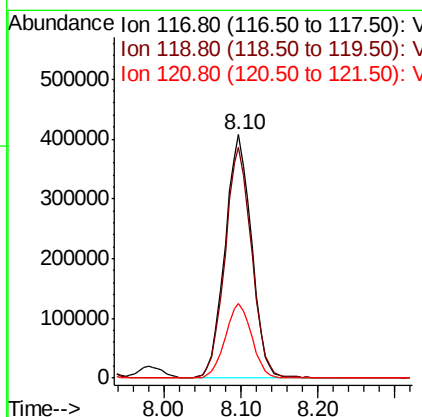
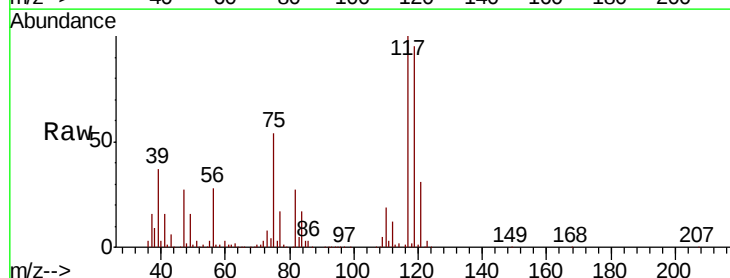
Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 349467  
Ion Ratio Lower Upper  
43 100  
61 13.0 10.3 15.5  
70 9.6 7.6 11.4



#38  
Carbon Tetrachloride  
Concen: 140.136 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 117 Resp: 975745  
Ion Ratio Lower Upper  
117 100  
119 94.8 77.3 115.9  
121 30.7 25.0 37.6

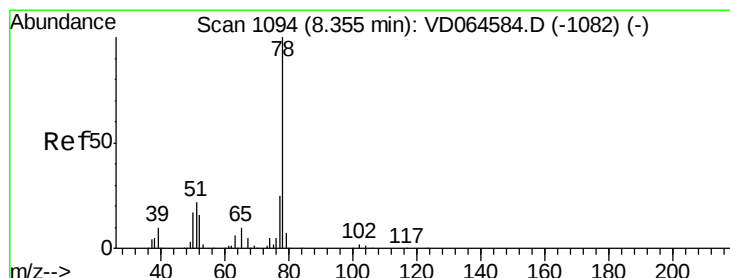
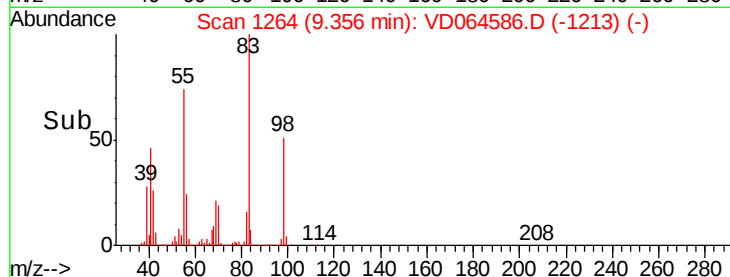
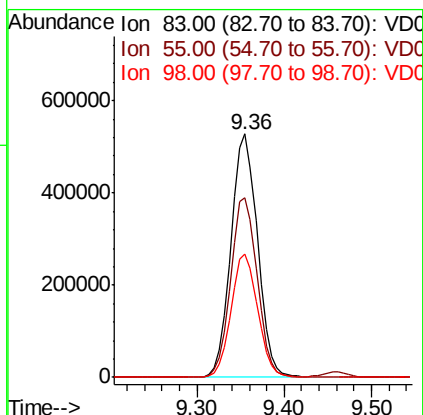
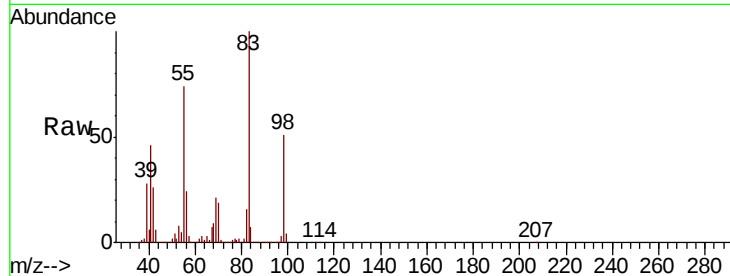




#39  
Methvlcvclohexane  
Concen: 137.239 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

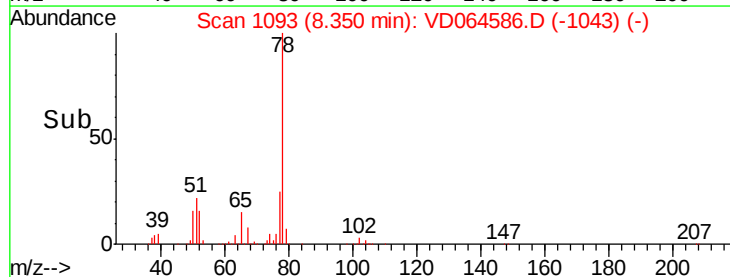
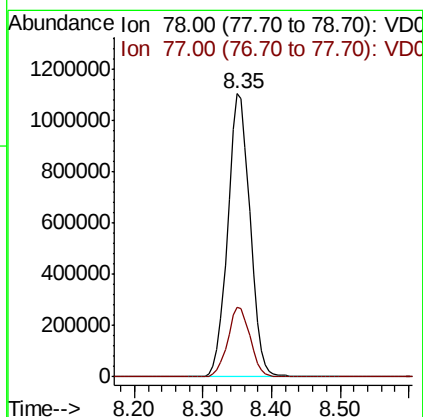
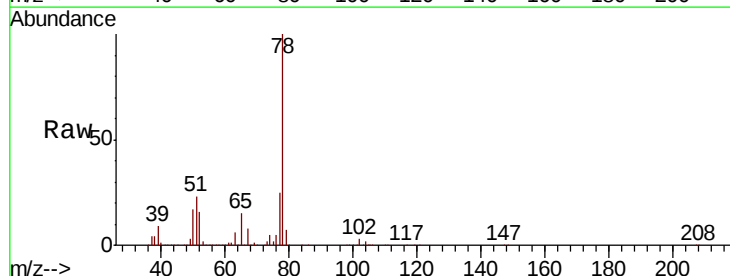
Instrument :  
MSVOA\_D  
ClientSampleId :

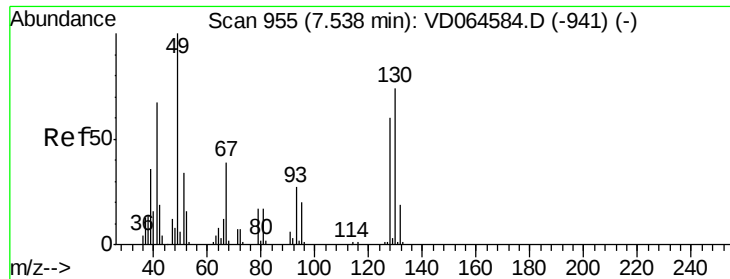
Tot Ion: 83 Resp: 1088816  
Ion Ratio Lower Upper  
83 100  
55 73.6 57.8 86.6  
98 50.6 38.7 58.1



#40  
Benzene  
Concen: 139.614 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 78 Resp: 2493476  
Ion Ratio Lower Upper  
78 100  
77 24.8 19.9 29.9

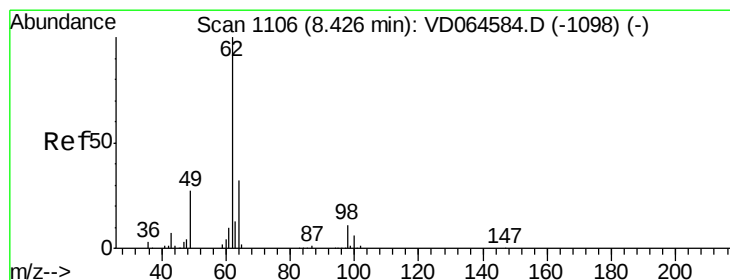
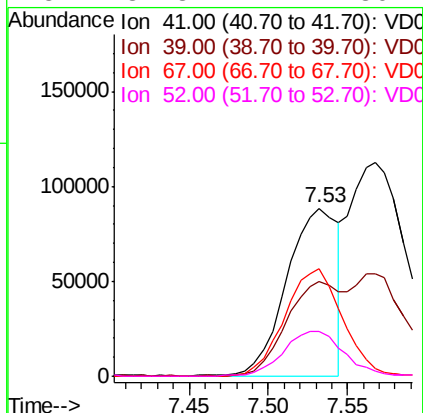
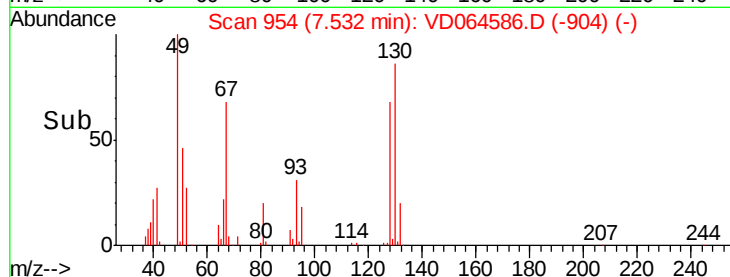
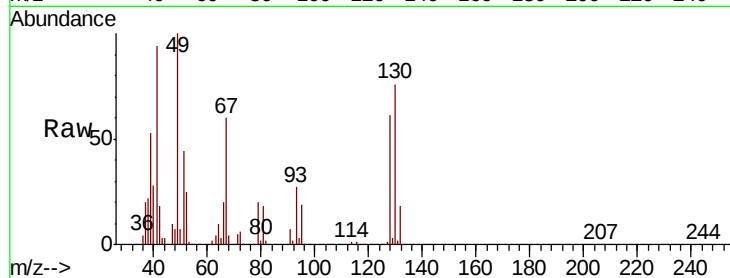




#41  
Methacrylonitrile  
Concen: 130.150 ug/l  
RT: 7.53 min Scan# 954  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

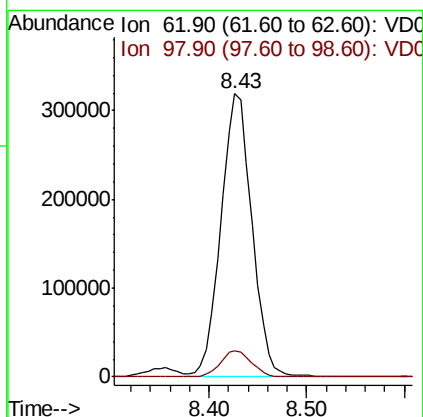
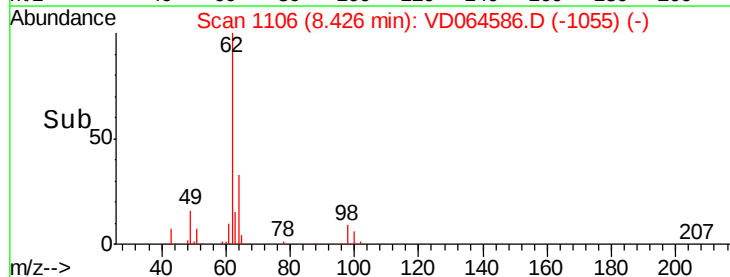
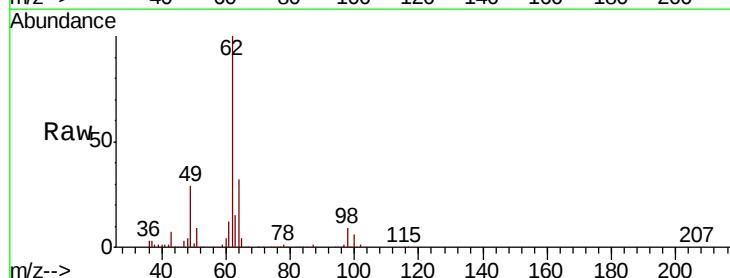
Instrument :  
MSVOA\_D  
ClientSampleId :

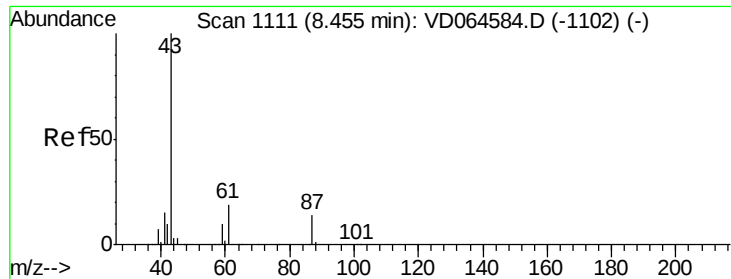
Tot Ion: 41 Resp: 198118  
Ion Ratio Lower Upper  
41 100  
39 64.7 46.7 70.1  
67 72.8 52.5 78.7  
52 32.3 24.1 36.1



#42  
1,2-Dichloroethane  
Concen: 134.982 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 62 Resp: 701278  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 20.0





#43

Isopropyl Acetate

Concen: 135.656 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

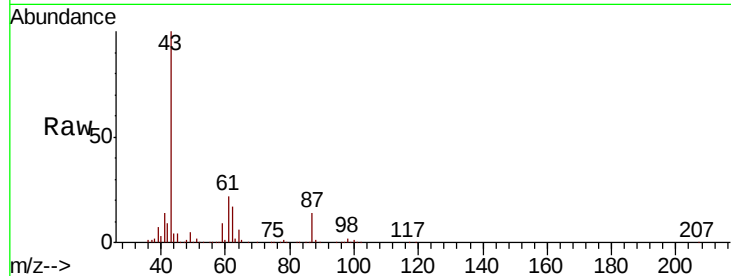
Tot Ion: 43 Resp: 696556

Ion Ratio Lower Upper

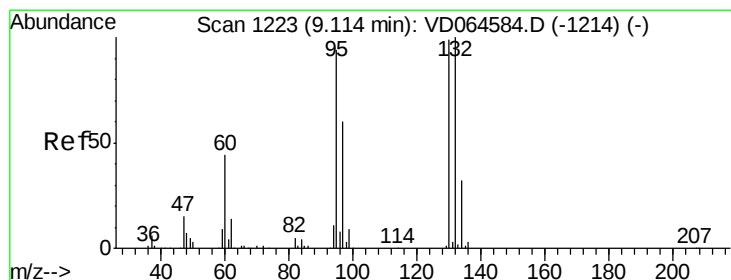
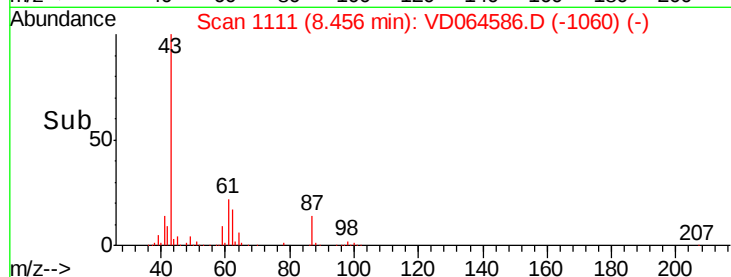
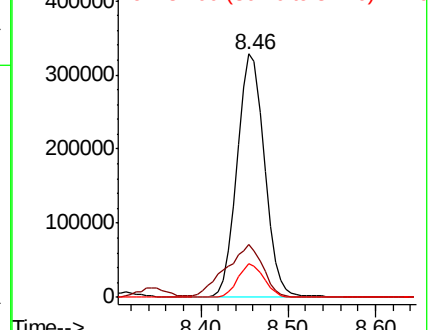
43 100

61 29.5 23.7 35.5

87 13.3 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 61.00 (60.70 to 61.70): VDC  
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 132.483 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD064586.D

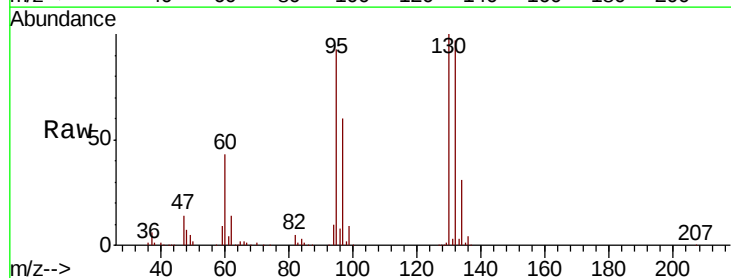
Acq: 24 Dec 2019 12:42

Tgt Ion:130 Resp: 705395

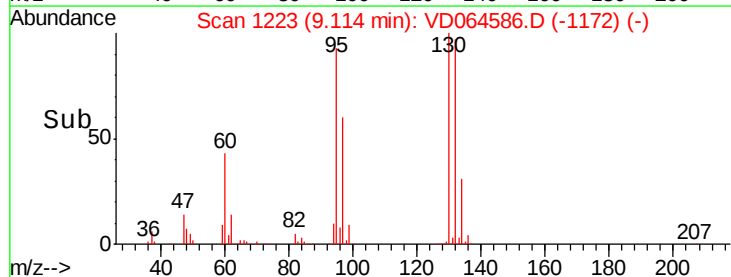
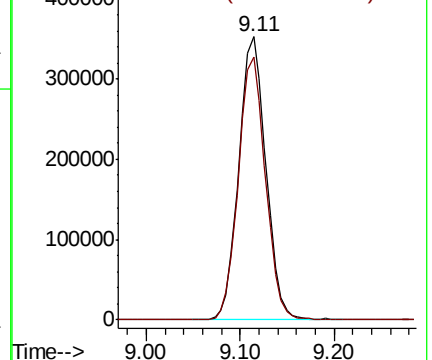
Ion Ratio Lower Upper

130 100

95 92.7 0.0 190.2



Abundance Ion 129.80 (129.50 to 130.50): VDC  
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 134.271 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

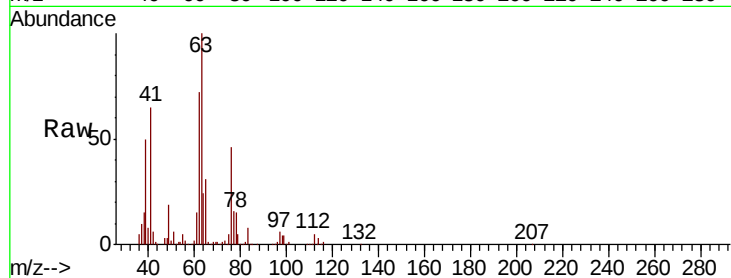
ClientSampled :

Tot Ion: 63 Resp: 579199

Ion Ratio Lower Upper

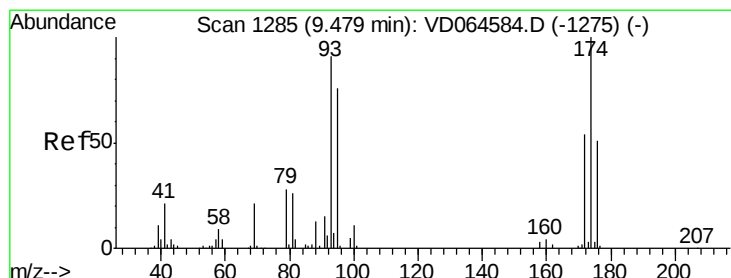
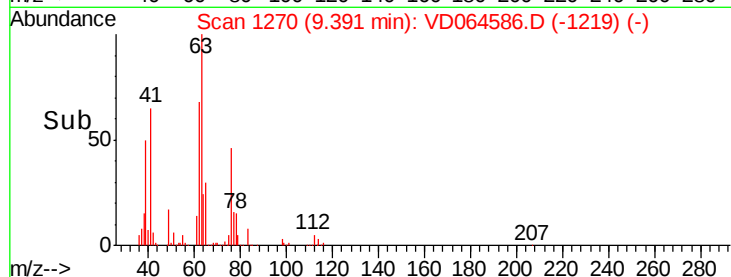
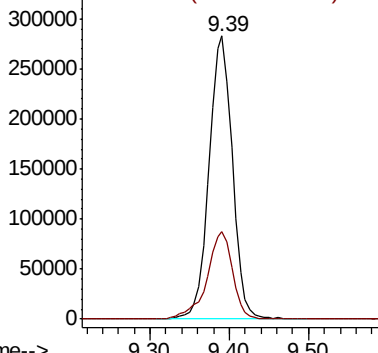
63 100

65 30.8 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 135.471 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

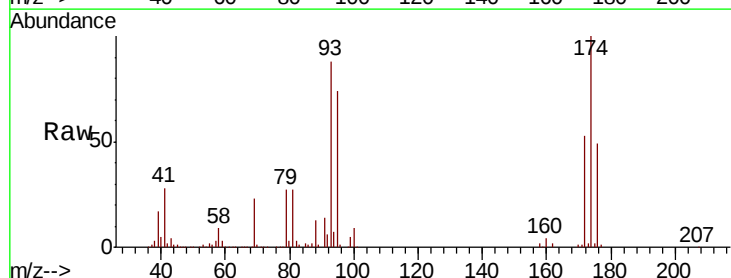
Tgt Ion: 93 Resp: 324248

Ion Ratio Lower Upper

93 100

95 81.7 64.6 97.0

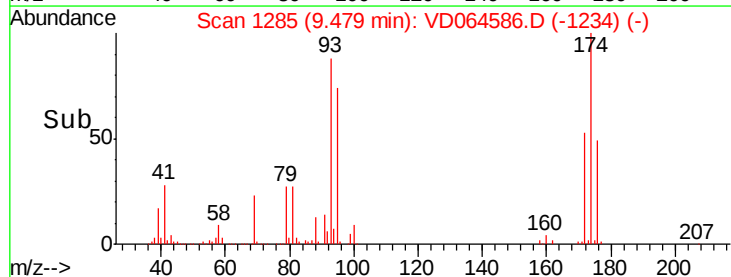
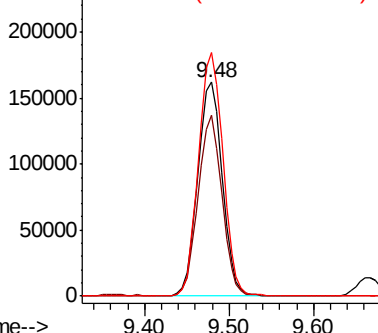
174 113.6 88.1 132.1

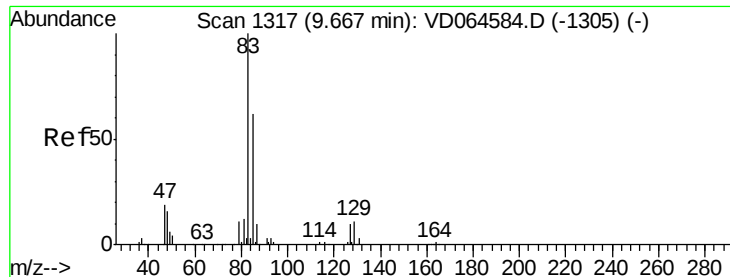


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 131.318 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampled :

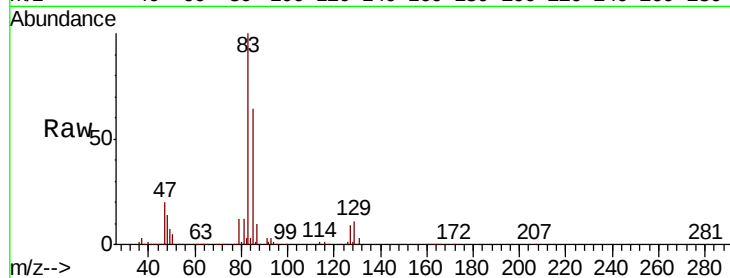
Tot Ion: 83 Resp: 843817

Ion Ratio Lower Upper

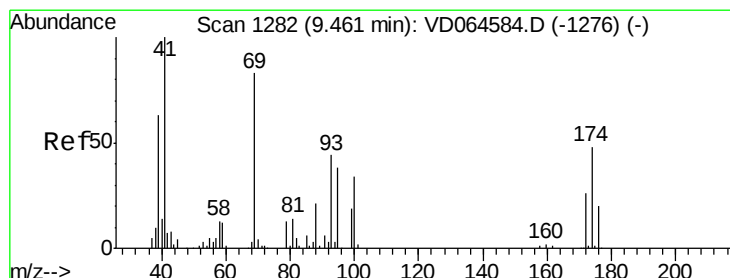
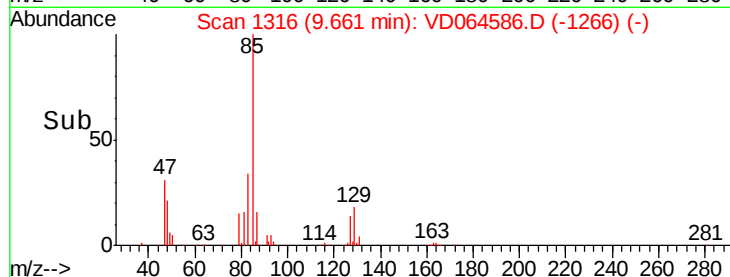
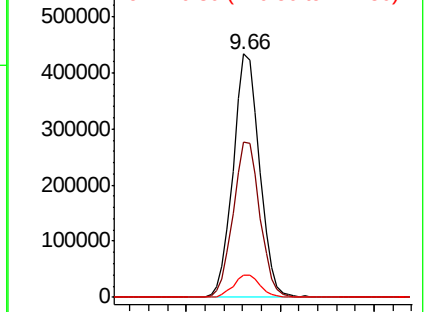
83 100

85 63.6 49.5 74.3

127 9.2 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 84.90 (84.60 to 85.60): VDC  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 131.600 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

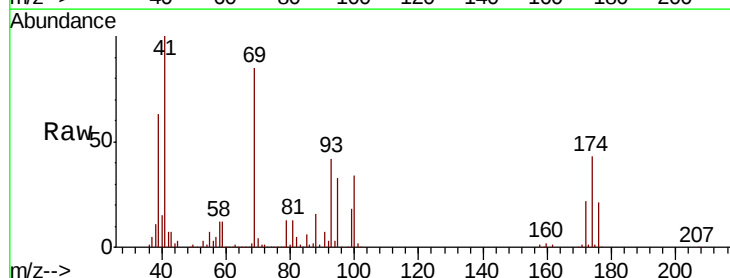
Tgt Ion: 41 Resp: 321641

Ion Ratio Lower Upper

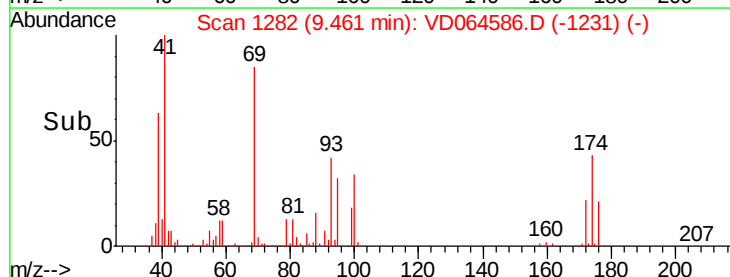
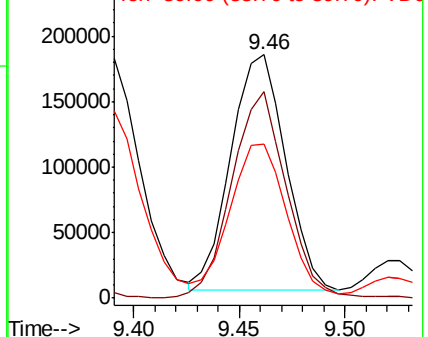
41 100

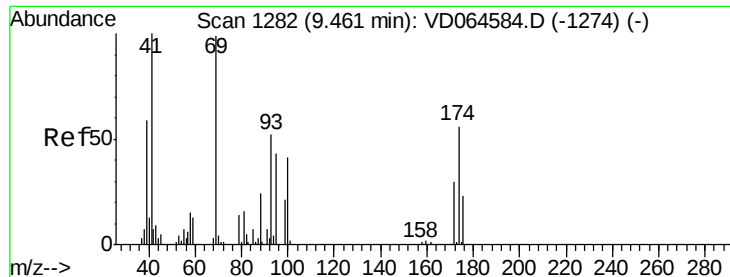
69 87.9 63.0 94.6

39 64.9 47.4 71.2



Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC

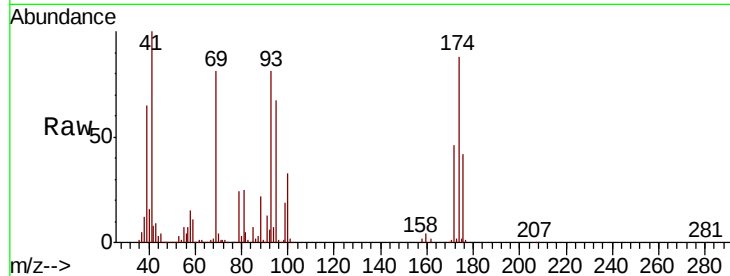




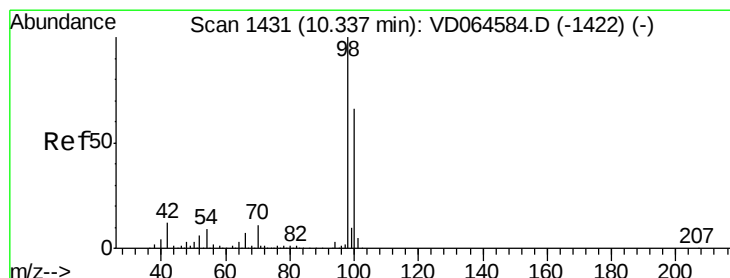
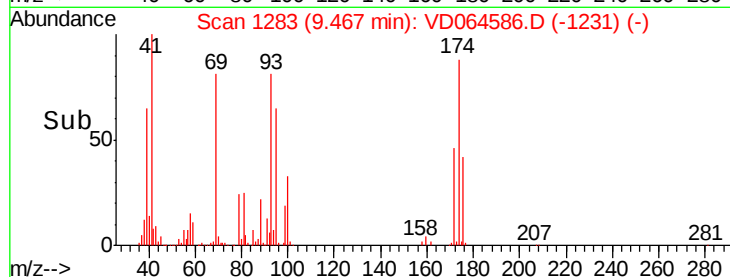
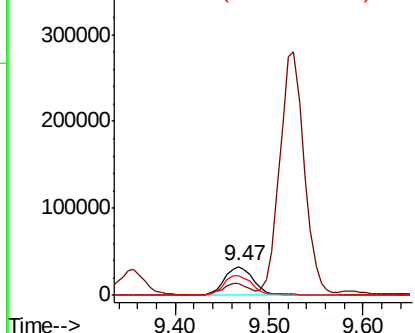
#49  
1,4-Dioxane  
Concen: 2573.816 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. 0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 88 Resp: 71785  
Ion Ratio Lower Upper  
88 100  
43 36.1 27.7 41.5  
58 67.1 53.8 80.6

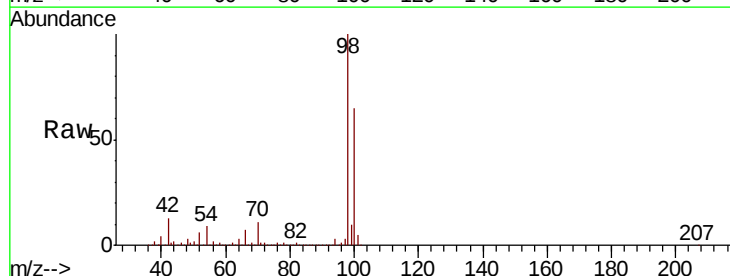


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC

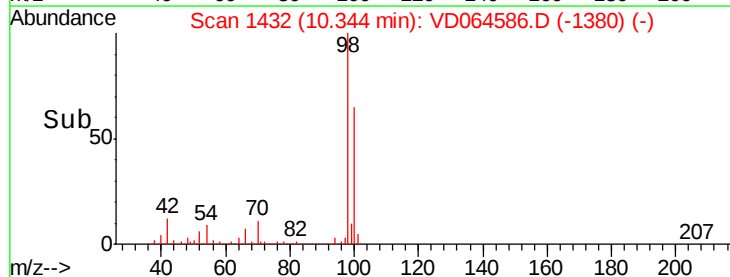
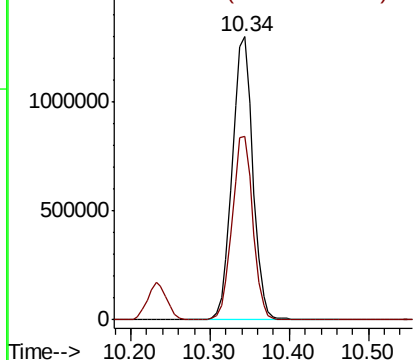


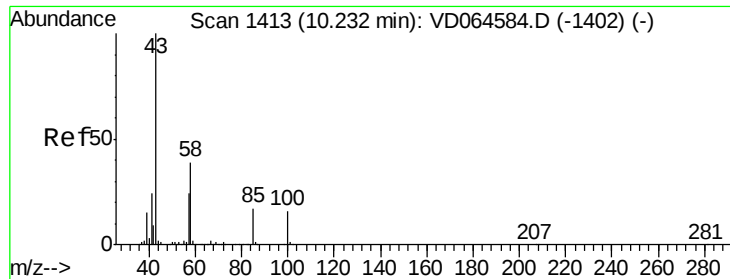
#50  
Toluene-d8  
Concen: 149.673 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. 0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 98 Resp: 2339702  
Ion Ratio Lower Upper  
98 100  
100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC  
Ion 100.00 (99.70 to 100.70): VDC

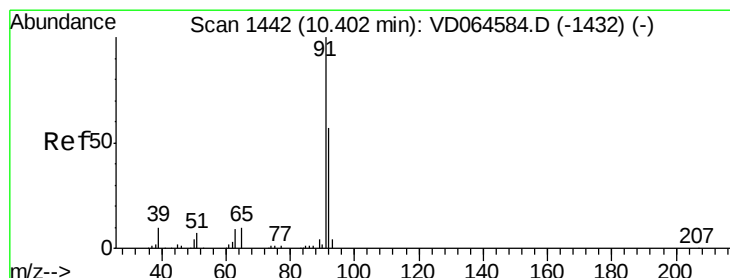
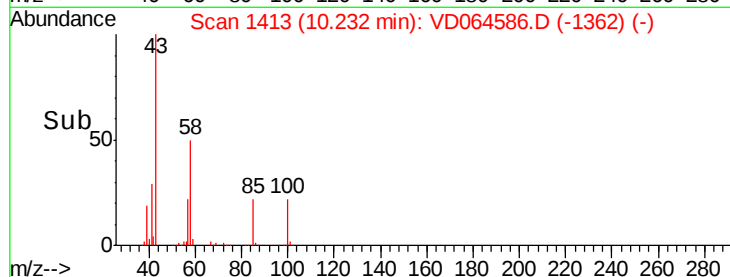
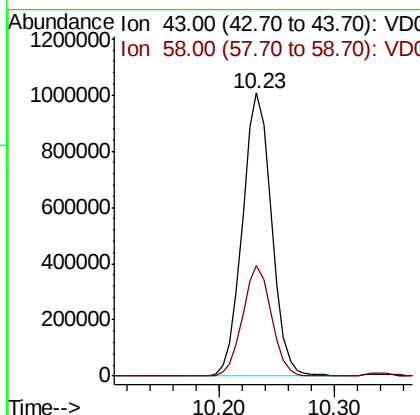
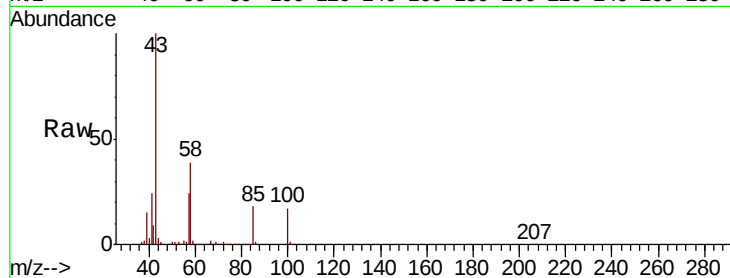




#51  
4-Methyl-2-Pentanone  
Concen: 702.697 ug/l  
RT: 10.23 min Scan# 1413  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

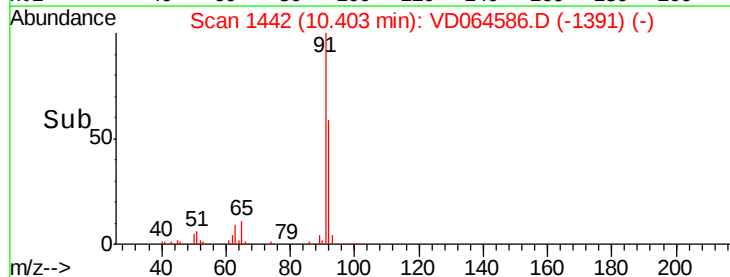
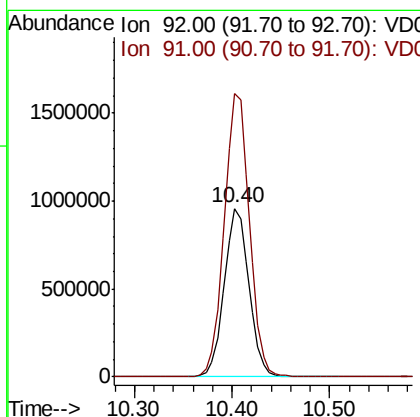
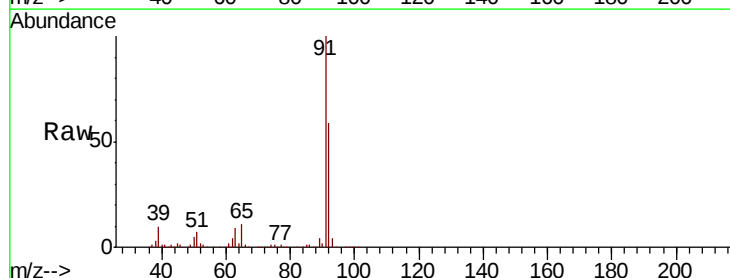
Instrument :  
MSVOA\_D  
ClientSampleId :

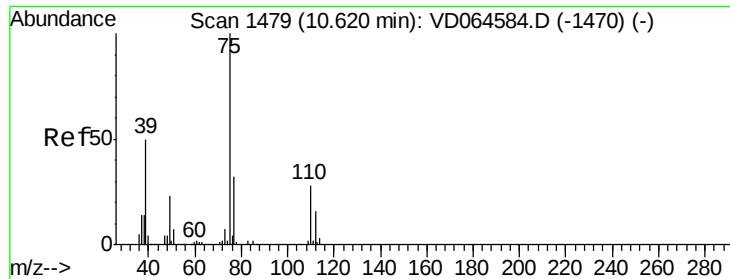
Tot Ion: 43 Resp: 1767983  
Ion Ratio Lower Upper  
43 100  
58 38.5 30.2 45.2



#52  
Toluene  
Concen: 144.222 ug/l  
RT: 10.40 min Scan# 1442  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 92 Resp: 1675879  
Ion Ratio Lower Upper  
92 100  
91 172.2 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 143.520 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

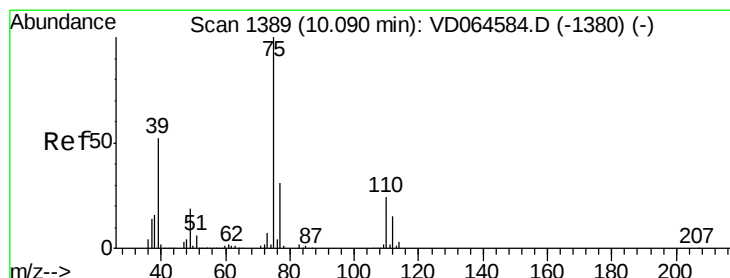
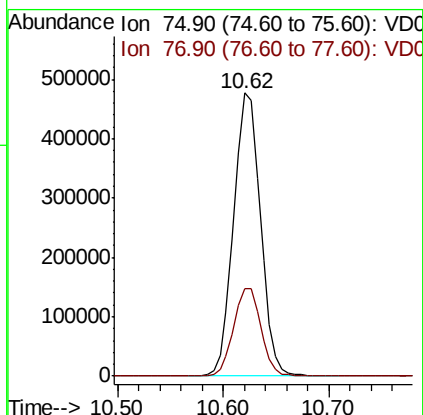
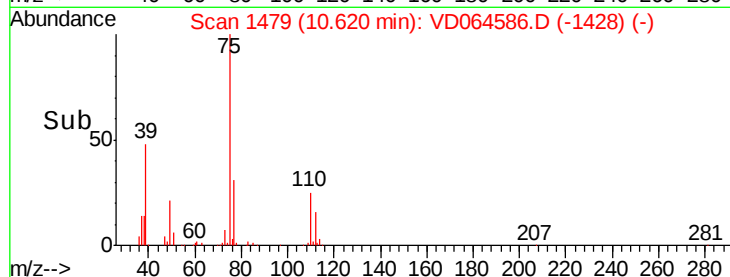
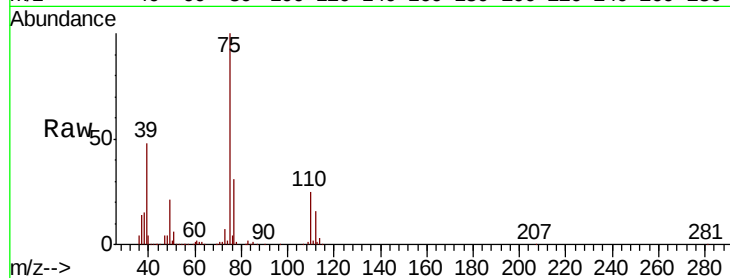
ClientSampled :

Tot Ion: 75 Resp: 837455

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 142.679 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

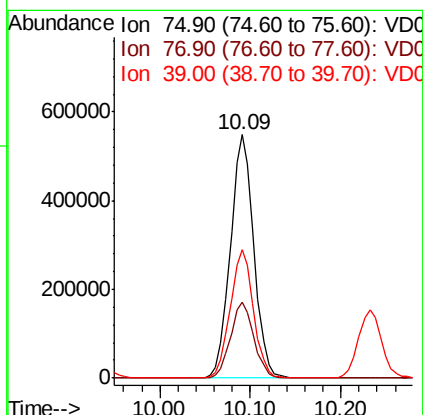
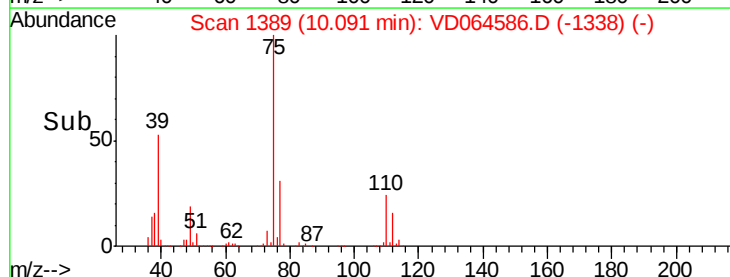
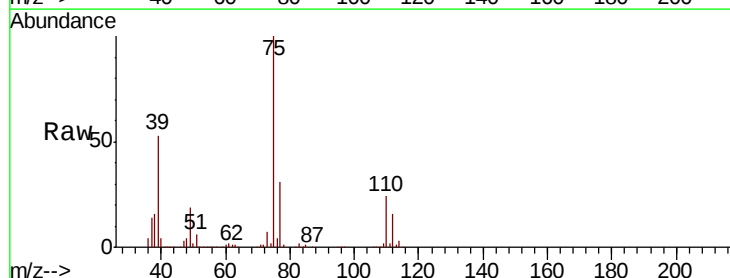
Tgt Ion: 75 Resp: 987362

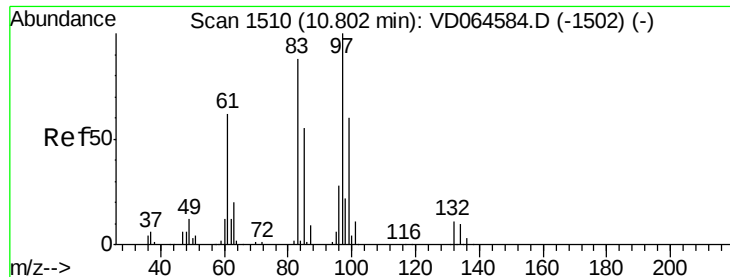
Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

39 52.6 41.4 62.2

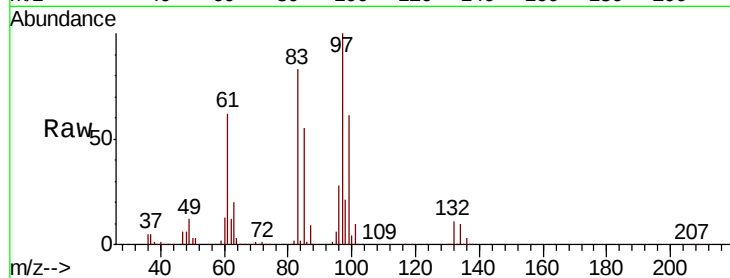




#55  
 1,1,2-Trichloroethane  
 Concen: 131.797 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion   | 97    | Resp  | 429793 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 82.9  | 70.2  | 105.4  |
| 85        | 54.6  | 44.0  | 66.0   |
| 99        | 61.3  | 47.8  | 71.6   |



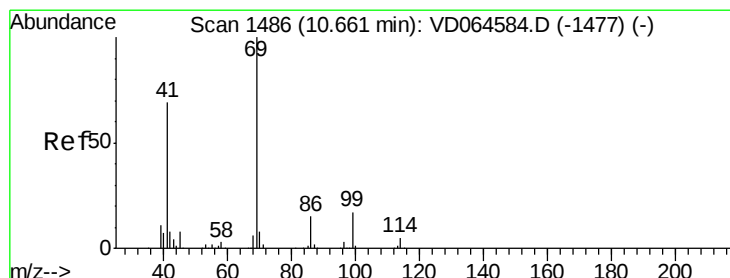
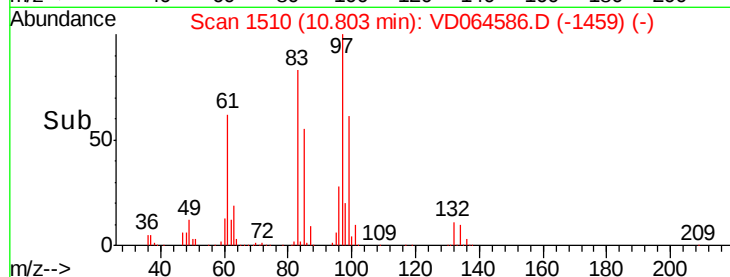
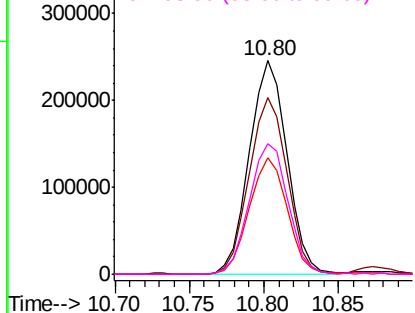
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

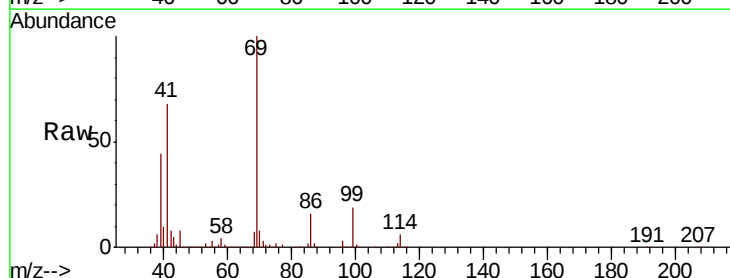
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56  
 Ethyl methacrylate  
 Concen: 145.771 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

| Tgt Ion   | 69    | Resp  | 576720 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 68.1  | 55.3  | 82.9   |
| 39        | 40.9  | 33.8  | 50.8   |

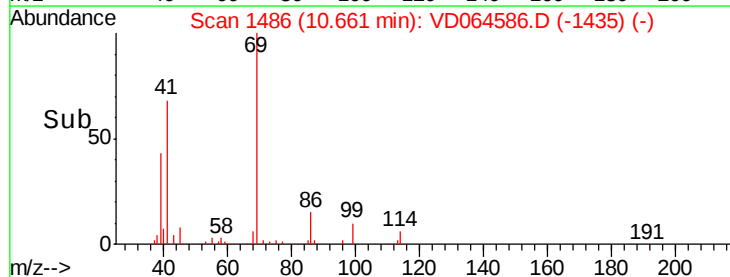
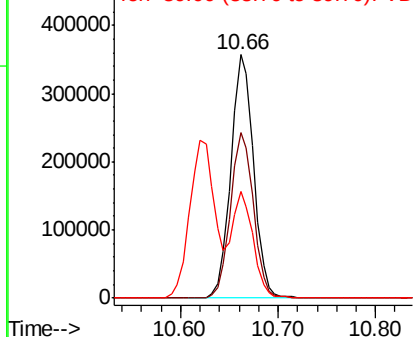


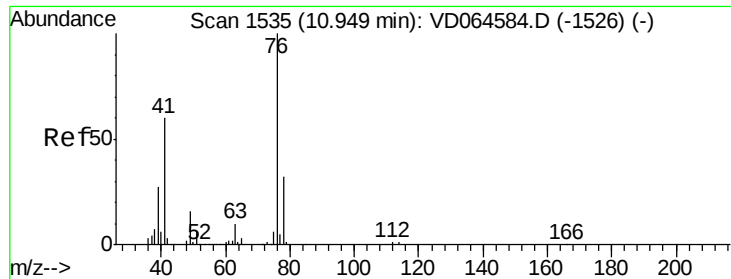
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 133.288 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

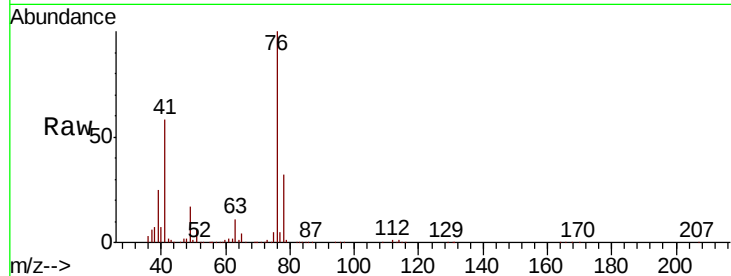
ClientSampled :

Tot Ion: 76 Resp: 743895

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

400000

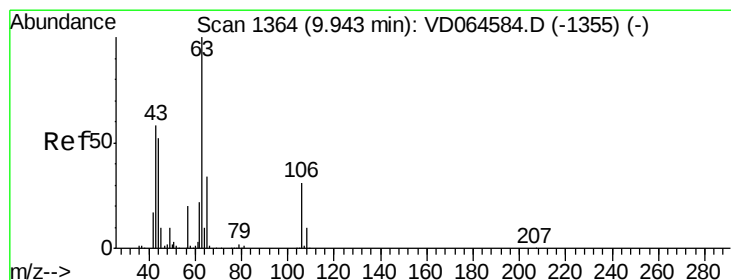
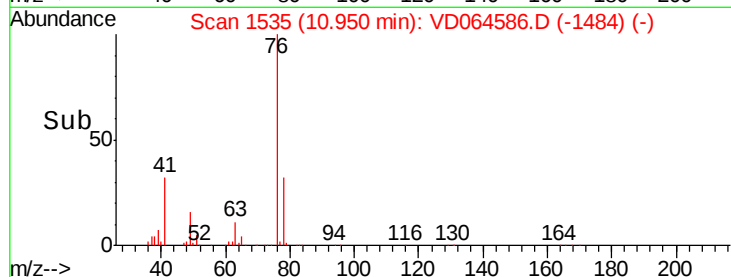
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 654.246 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD064586.D

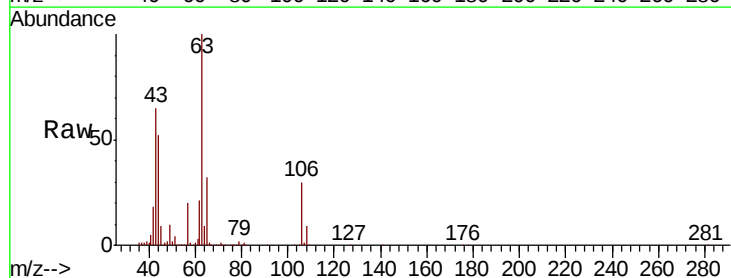
Acq: 24 Dec 2019 12:42

Tgt Ion: 63 Resp: 1012458

Ion Ratio Lower Upper

63 100

106 30.2 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

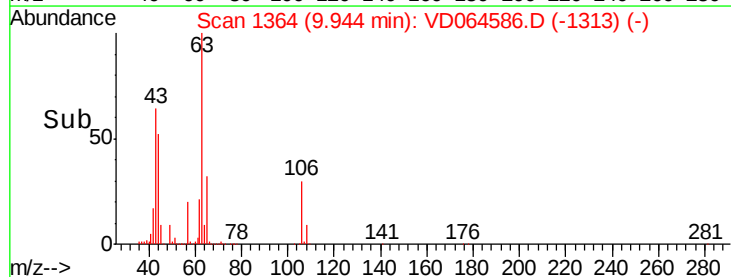
600000

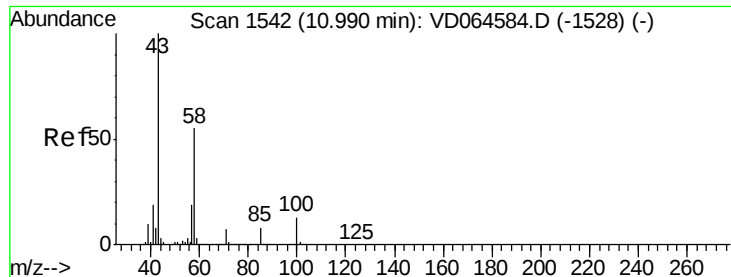
400000

200000

0

Time-->

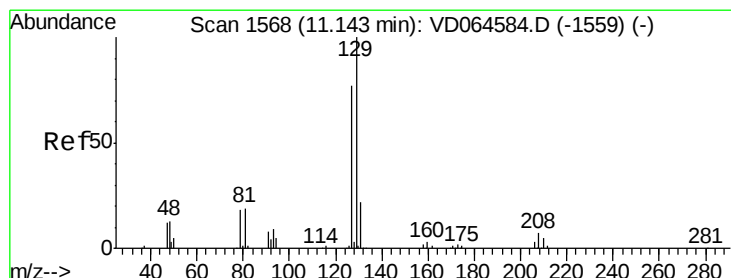
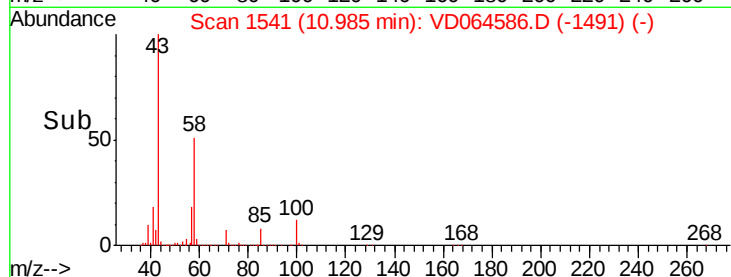
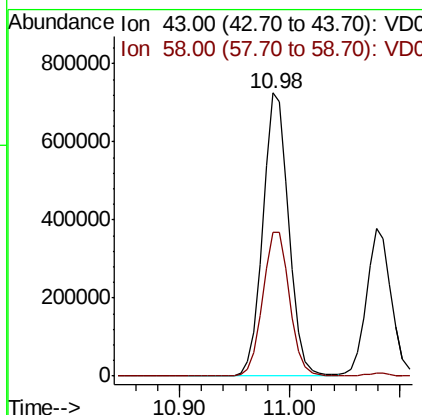
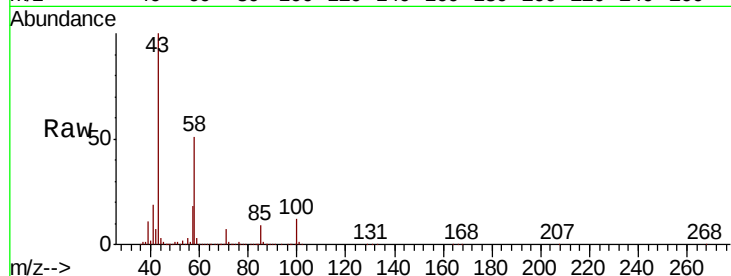




#59  
2-Hexanone  
Concen: 699.814 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

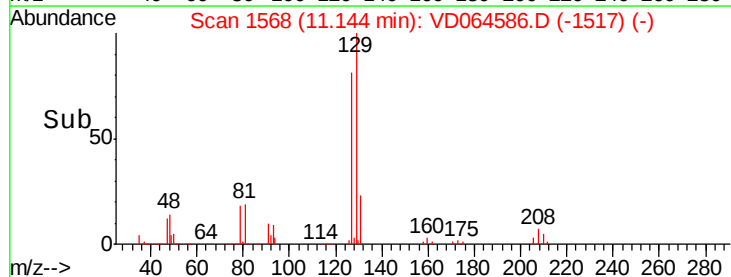
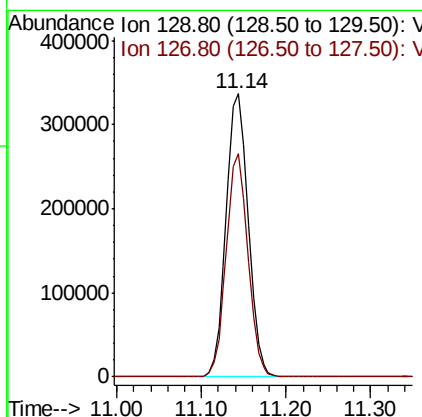
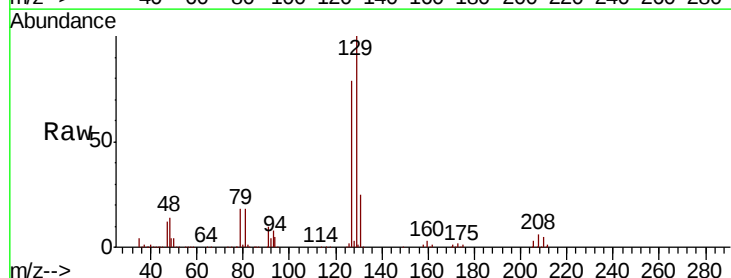
Instrument :  
MSVOA\_D  
ClientSampled :

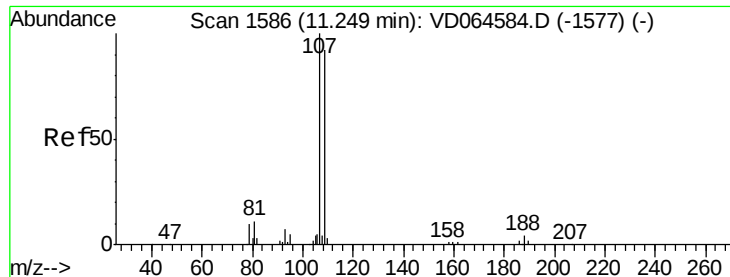
Tot Ion: 43 Resp: 1189775  
Ion Ratio Lower Upper  
43 100  
58 52.8 26.4 79.0



#60  
Dibromochloromethane  
Concen: 137.347 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 129 Resp: 610732  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.4 115.2

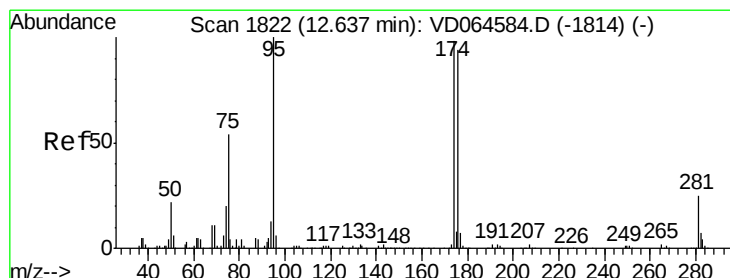
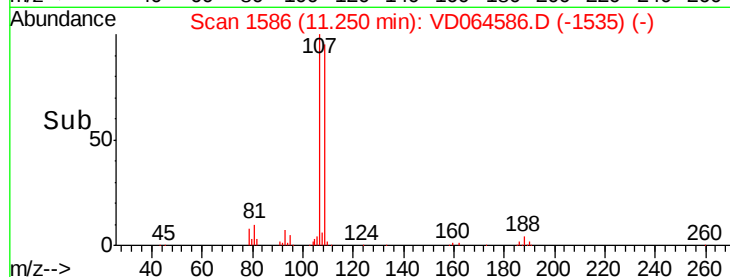
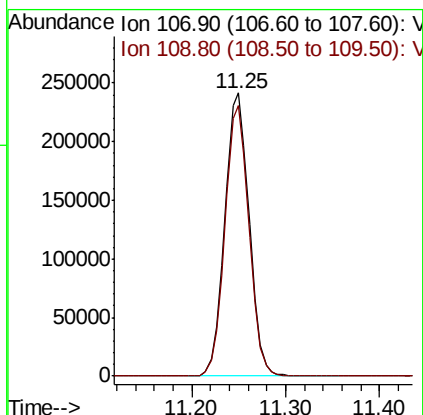
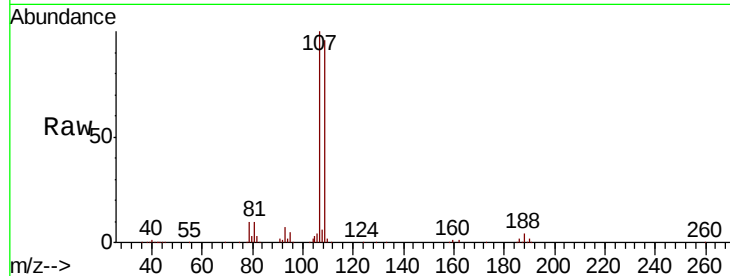




#61  
 1,2-Dibromoethane  
 Concen: 136.259 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

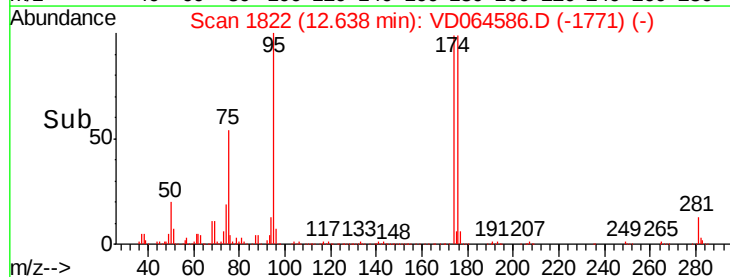
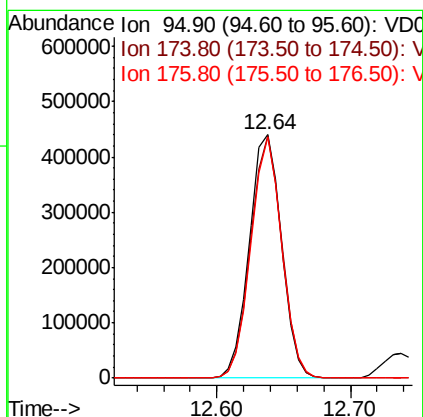
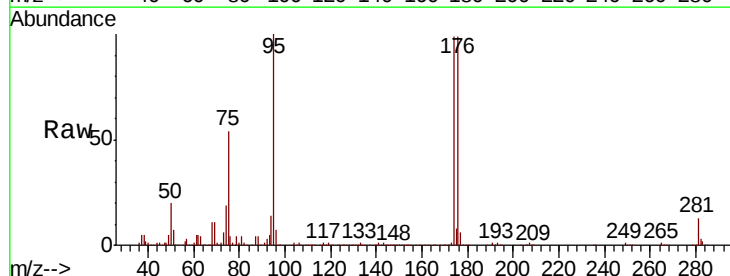
Instrument :  
 MSVOA\_D  
 ClientSampled :

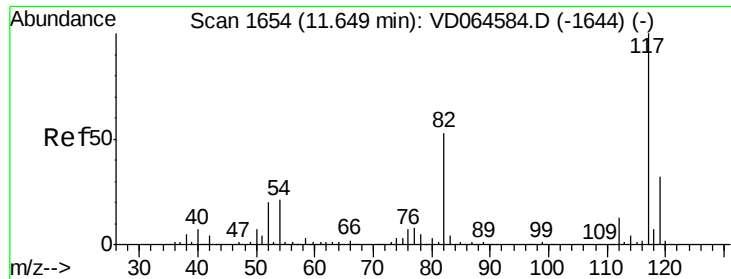
Tot Ion:107 Resp: 432870  
 Ion Ratio Lower Upper  
 107 100  
 109 94.9 75.6 113.4



#62  
 4-Bromofluorobenzene  
 Concen: 146.929 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Tgt Ion: 95 Resp: 730795  
 Ion Ratio Lower Upper  
 95 100  
 174 96.3 0.0 193.2  
 176 94.7 0.0 184.2

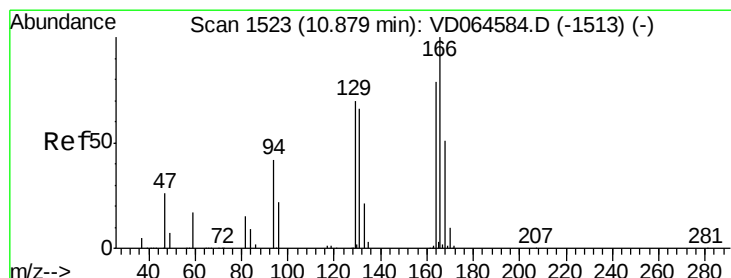
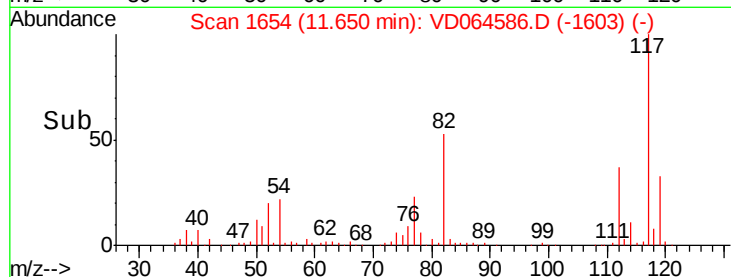
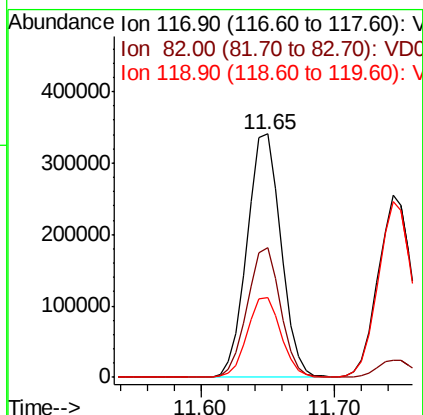
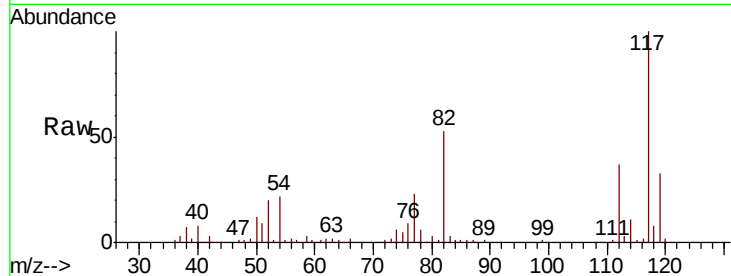




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

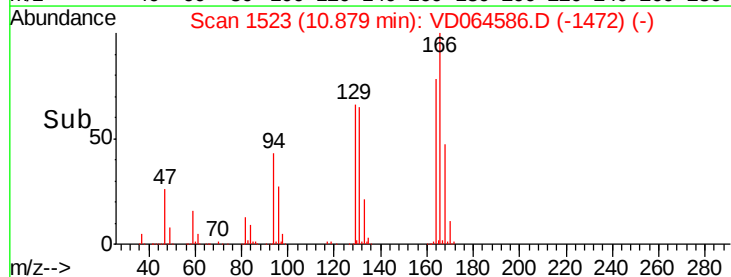
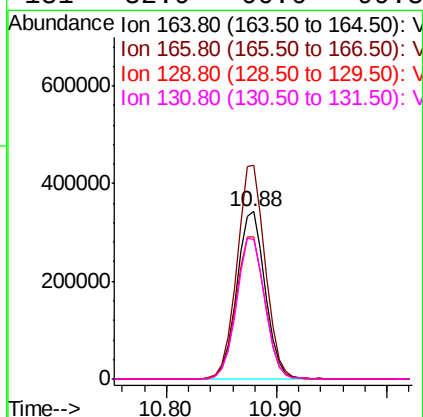
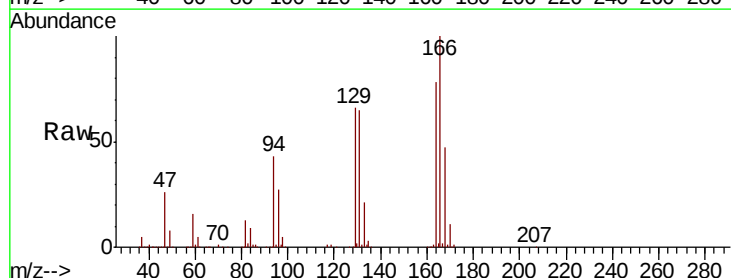
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:117 Resp: 598709  
Ion Ratio Lower Upper  
117 100  
82 53.2 42.2 63.4  
119 32.8 26.0 39.0



#64  
Tetrachloroethene  
Concen: 129.866 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion:164 Resp: 619524  
Ion Ratio Lower Upper  
164 100  
166 127.5 101.3 151.9  
129 84.6 70.5 105.7  
131 82.9 66.6 99.8

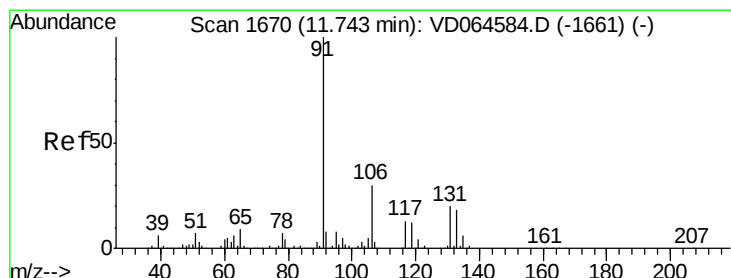
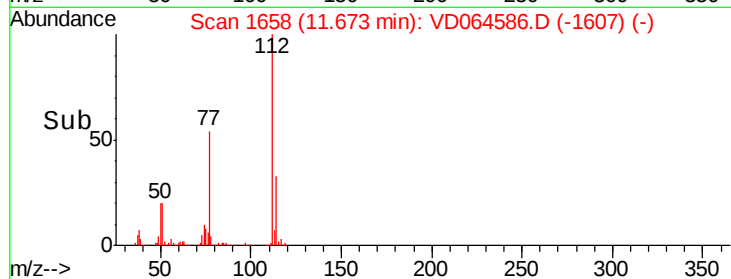
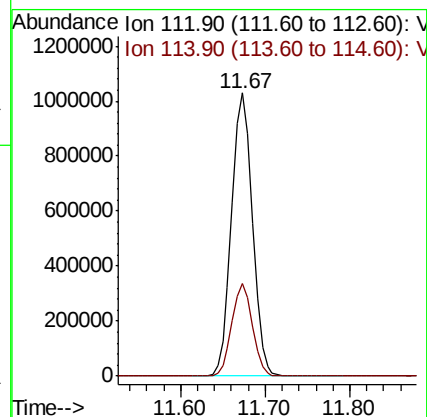
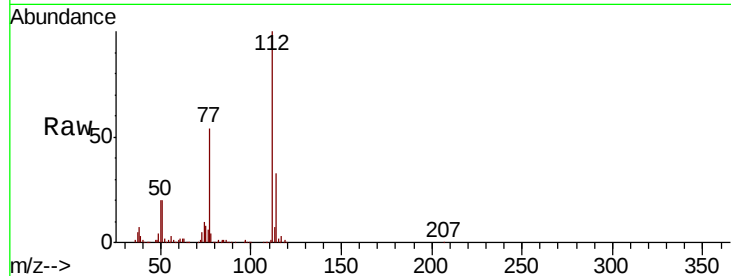




#65  
Chlorobenzene  
Concen: 137.332 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

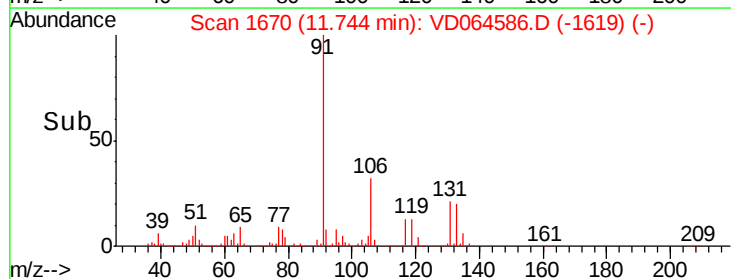
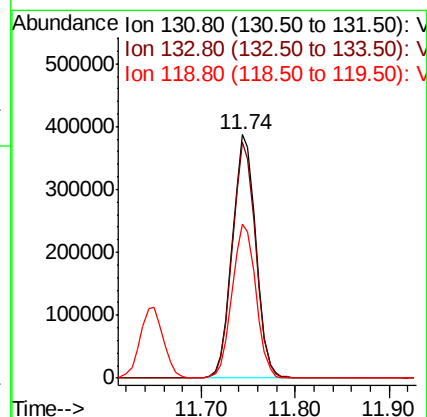
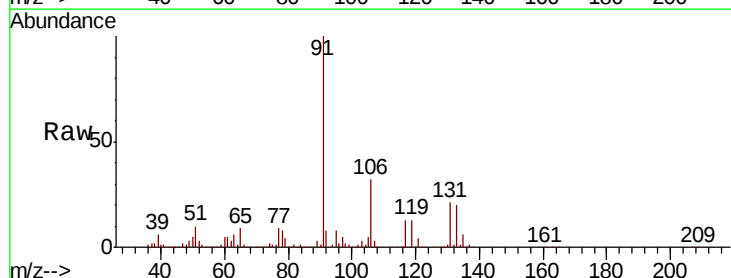
Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:112 Resp: 1751931  
Ion Ratio Lower Upper  
112 100  
114 32.6 24.8 37.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 142.110 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion:131 Resp: 673799  
Ion Ratio Lower Upper  
131 100  
133 96.2 48.3 144.8  
119 63.9 32.1 96.3





#67

Ethyl Benzene

Concen: 140.482 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

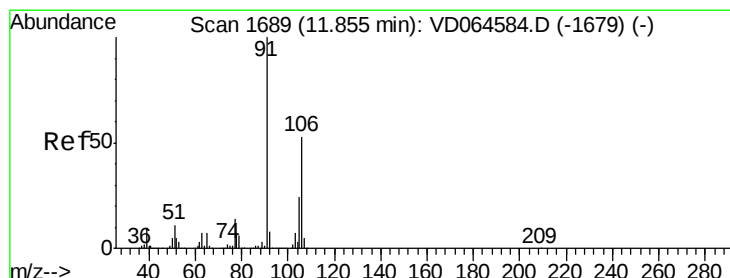
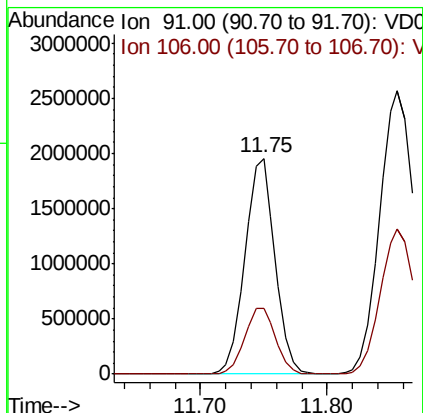
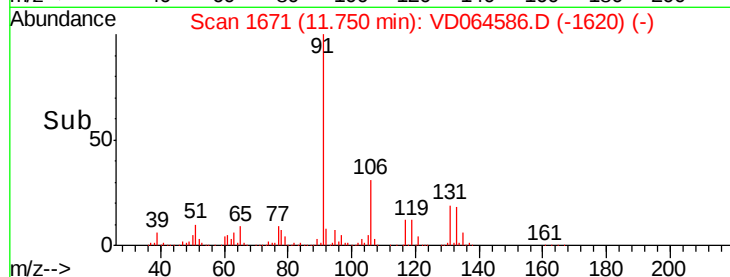
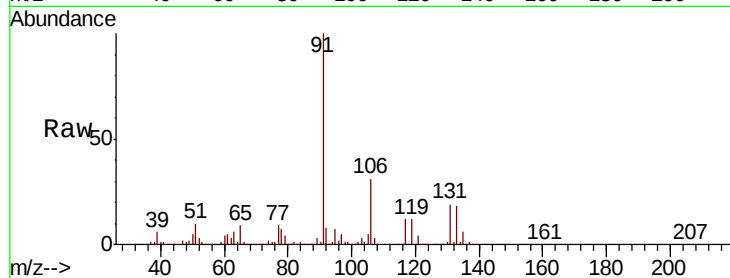
ClientSampled :

Tot Ion: 91 Resp: 3221292

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 282.968 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064586.D

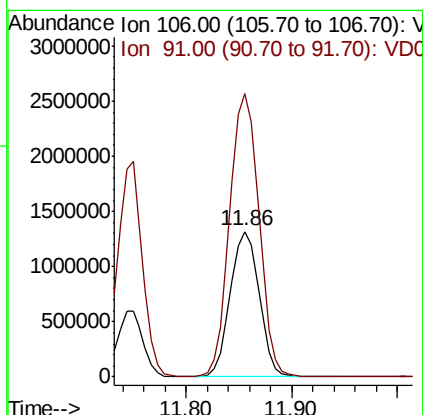
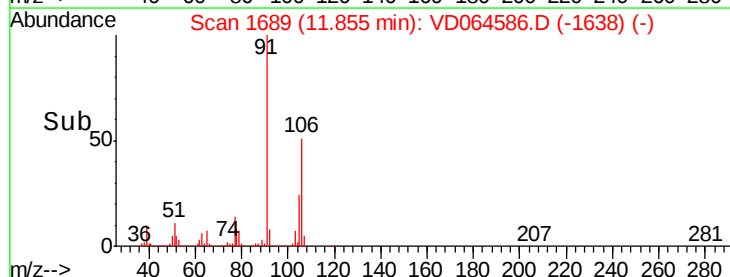
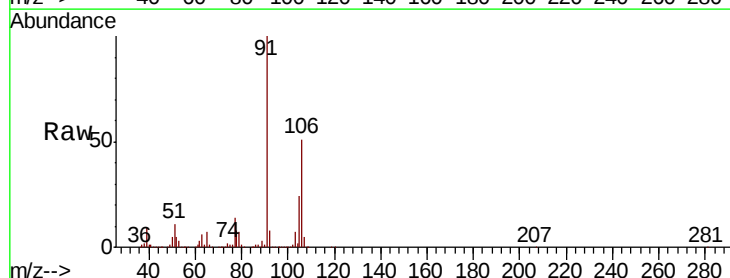
Acq: 24 Dec 2019 12:42

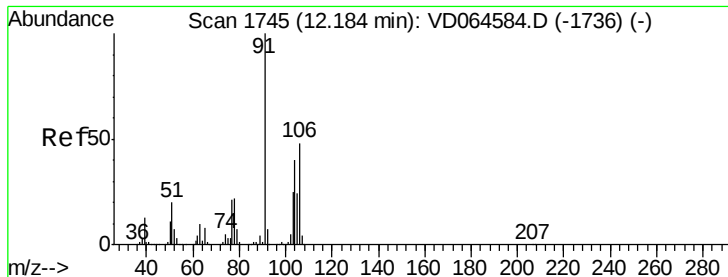
Tgt Ion: 106 Resp: 2499479

Ion Ratio Lower Upper

106 100

91 196.9 156.3 234.5

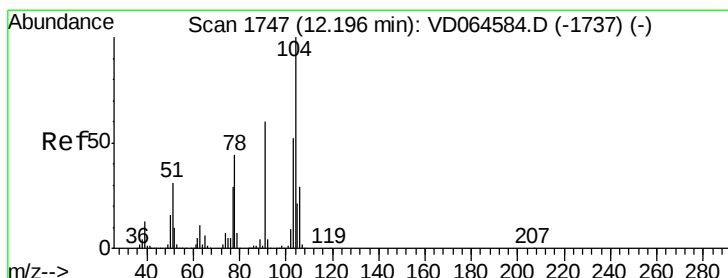
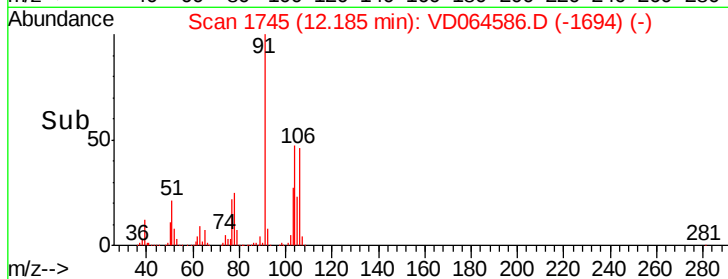
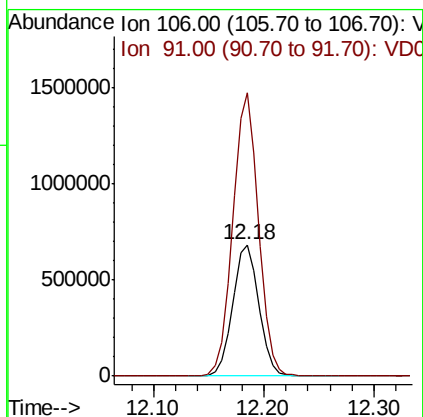
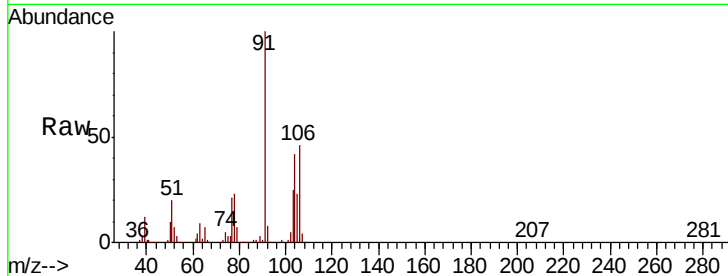




#69  
o-Xylene  
Concen: 143.289 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

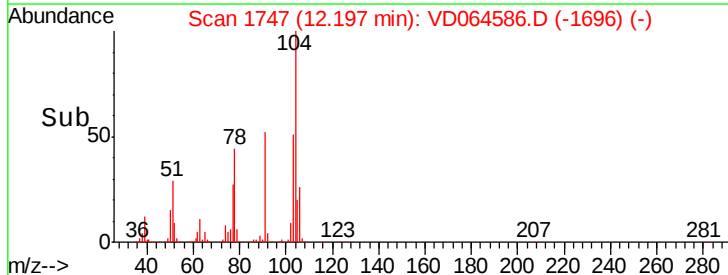
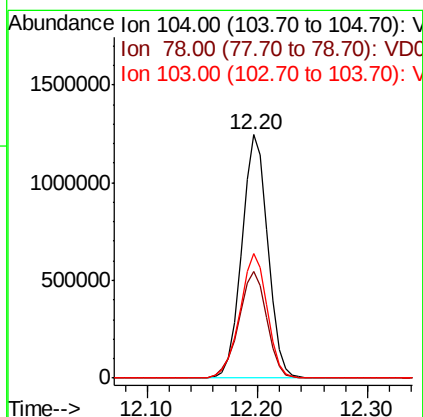
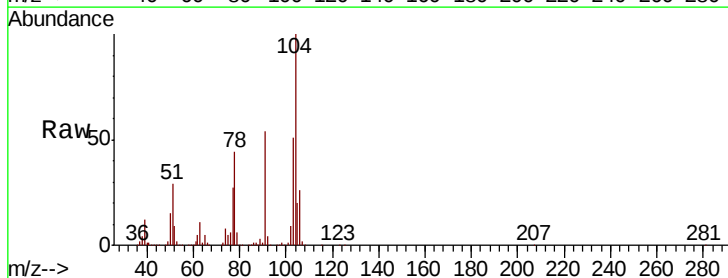
Instrument :  
MSVOA\_D  
ClientSampleId :

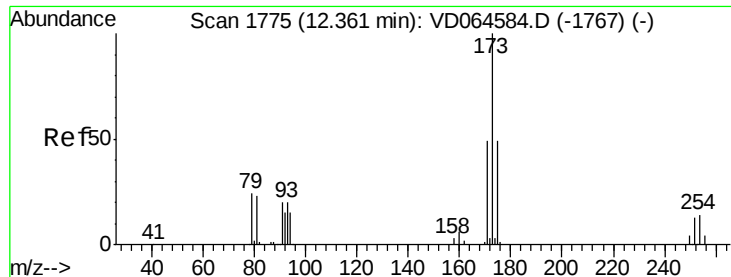
Tot Ion:106 Resp: 1137764  
Ion Ratio Lower Upper  
106 100  
91 210.9 104.8 314.4



#70  
Styrene  
Concen: 149.336 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion:104 Resp: 2058554  
Ion Ratio Lower Upper  
104 100  
78 47.6 38.2 57.2  
103 53.8 44.6 67.0

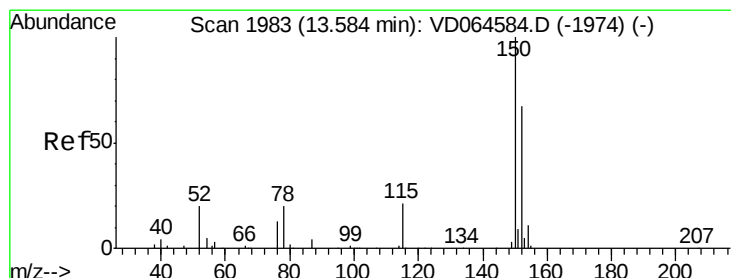
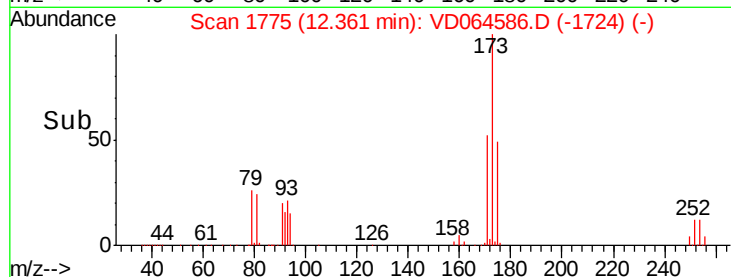
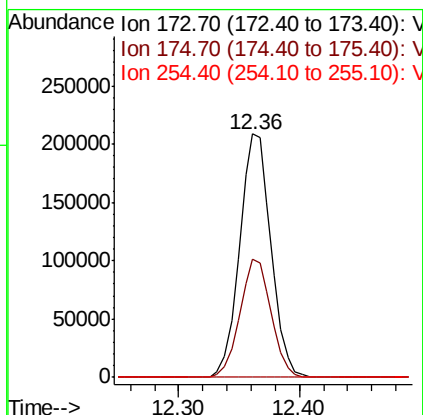
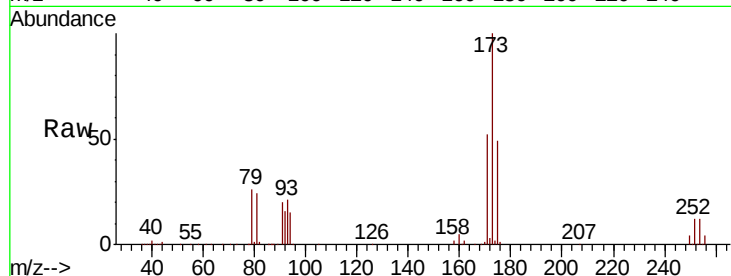




#71  
Bromoform  
Concen: 138.087 ug/l  
RT: 12.36 min Scan# 1775  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

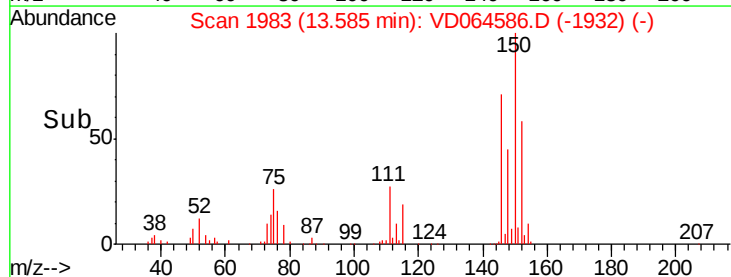
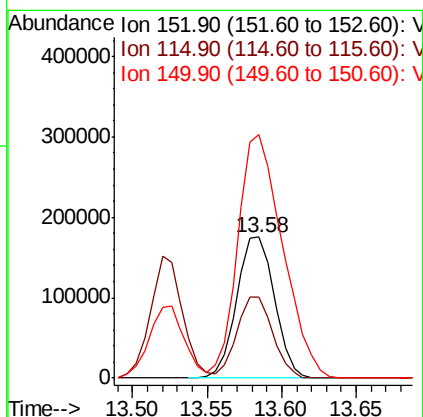
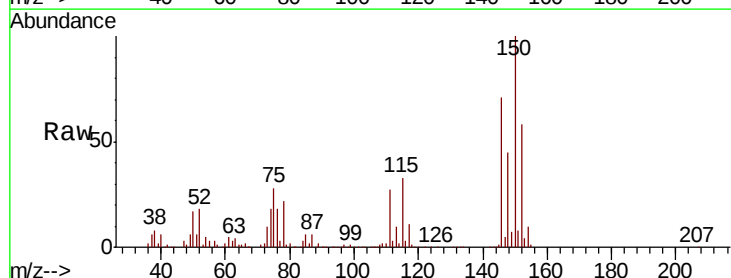
Instrument :  
MSVOA\_D  
ClientSampleId :

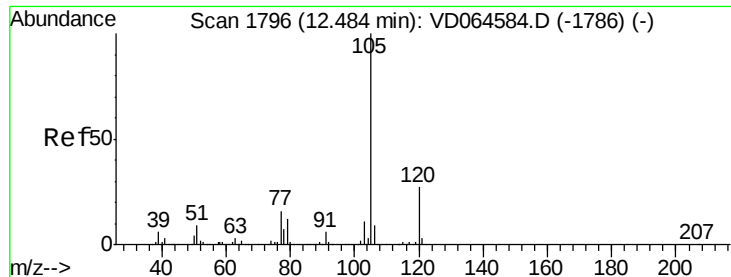
Tot Ion:173 Resp: 376023  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.6 73.8  
254 0.2 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1983  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion:152 Resp: 309952  
Ion Ratio Lower Upper  
152 100  
115 54.5 27.8 83.4  
150 203.2 0.0 351.4





#73

Isopropylbenzene

Concen: 137.082 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

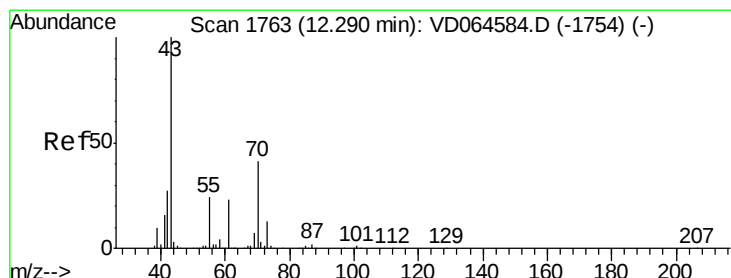
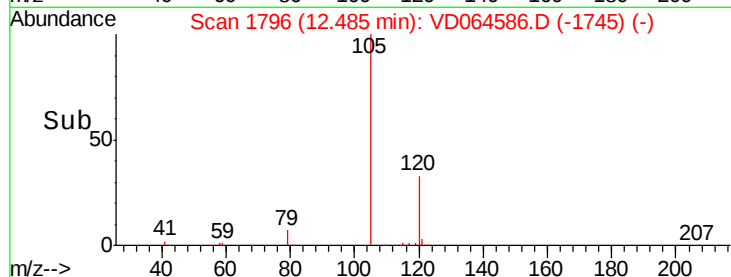
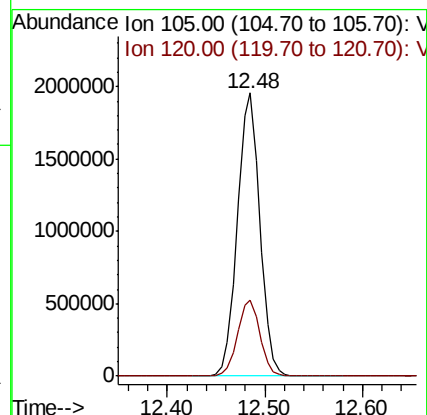
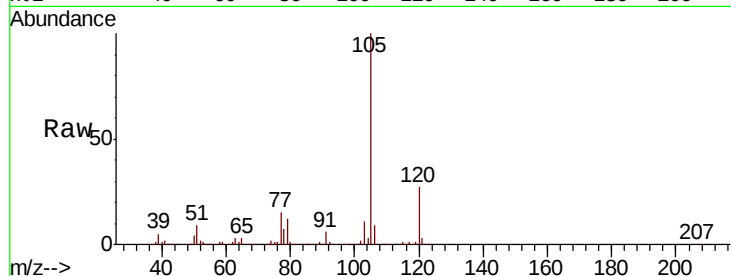
ClientSampleId :

Tot Ion:105 Resp: 3112509

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 139.539 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Tgt Ion: 43 Resp: 671248

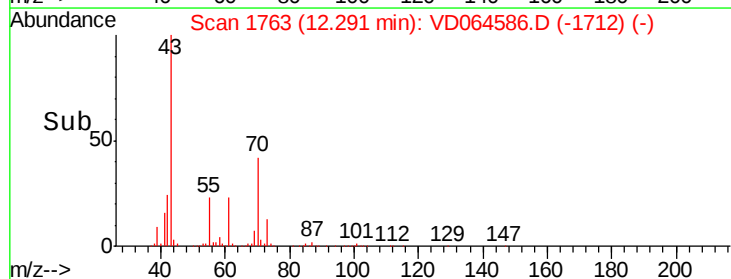
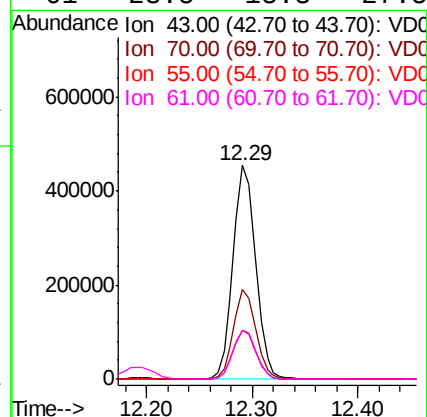
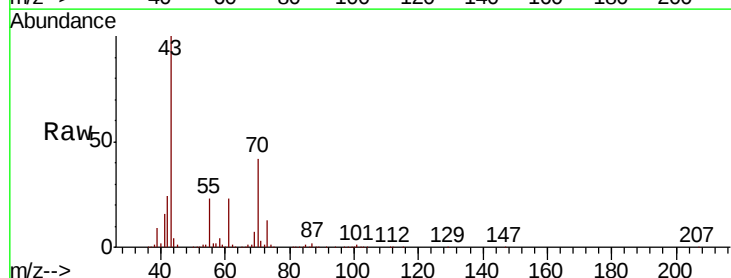
Ion Ratio Lower Upper

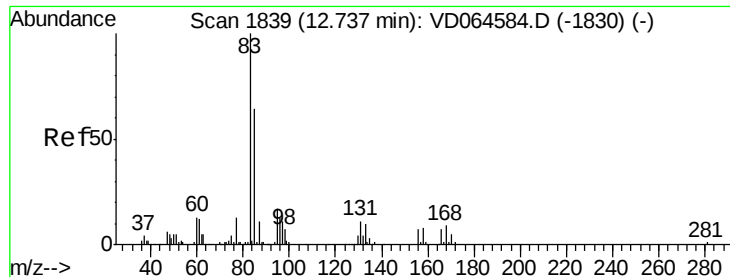
43 100

70 41.4 33.4 50.0

55 23.2 19.4 29.0

61 23.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 124.858 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

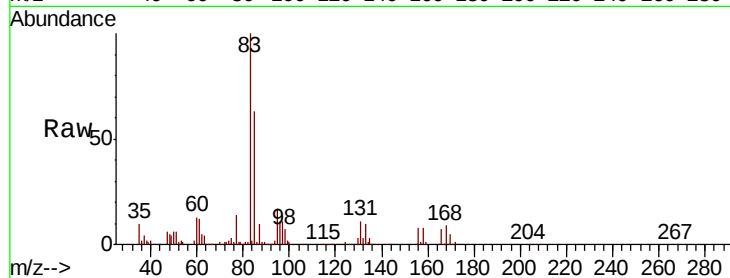
Tot Ion: 83 Resp: 455934

Ion Ratio Lower Upper

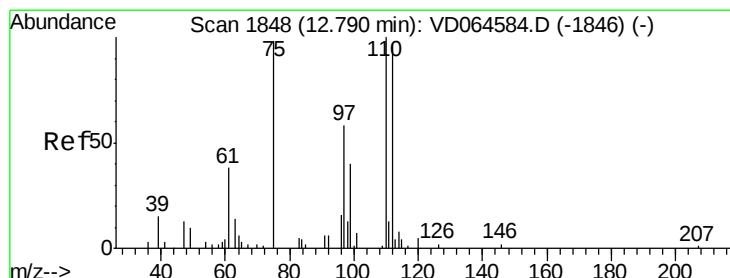
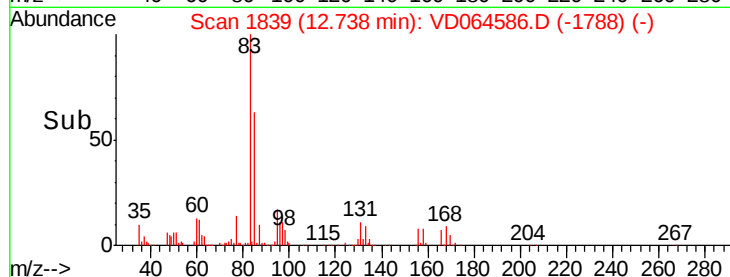
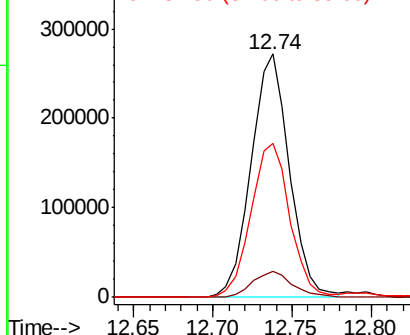
83 100

131 11.5 5.8 17.4

85 64.3 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 130.80 (130.50 to 131.50): VDC  
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 146.826 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD064586.D

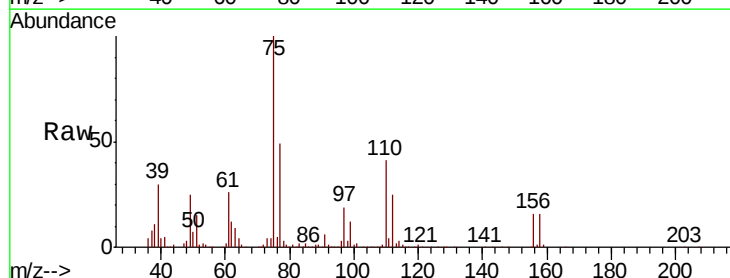
Acq: 24 Dec 2019 12:42

Tgt Ion: 75 Resp: 635817

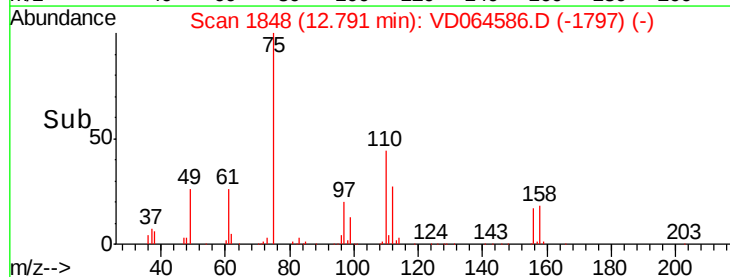
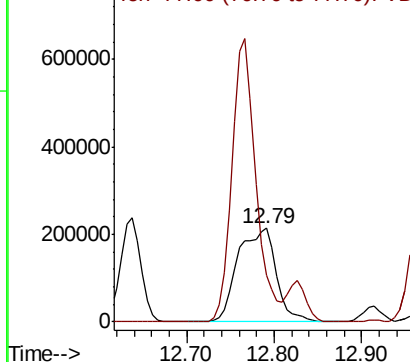
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC  
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 131.843 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

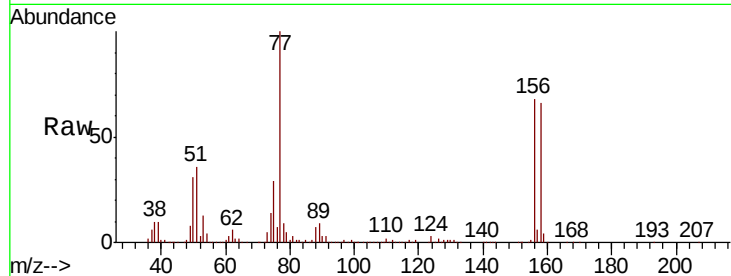
Tot Ion:156 Resp: 741911

Ion Ratio Lower Upper

156 100

77 162.3 80.9 242.7

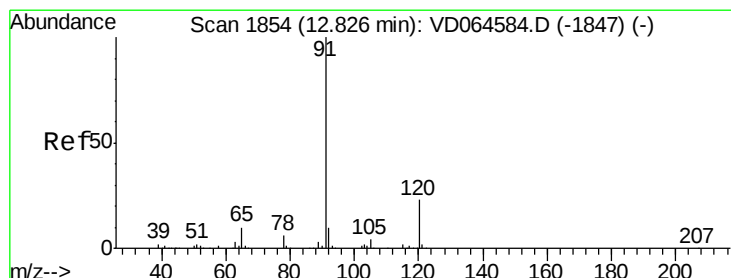
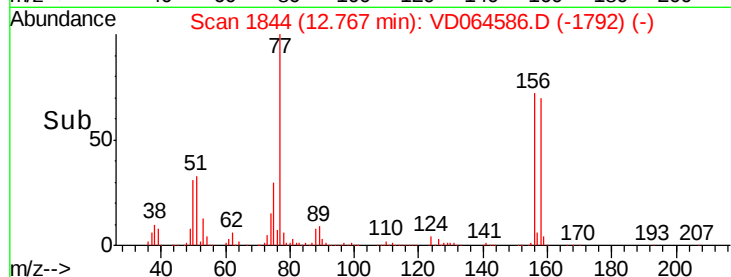
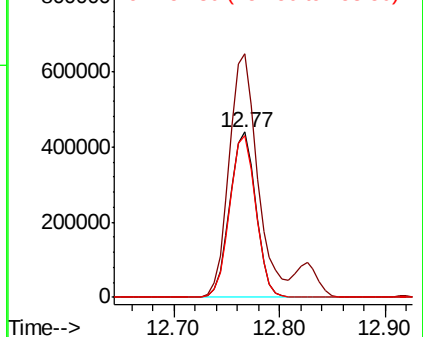
158 97.9 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 135.579 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064586.D

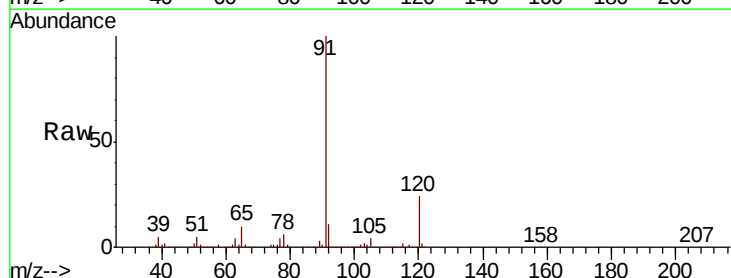
Acq: 24 Dec 2019 12:42

Tgt Ion: 91 Resp: 3598919

Ion Ratio Lower Upper

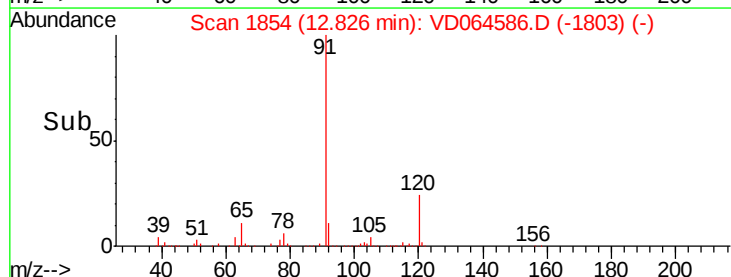
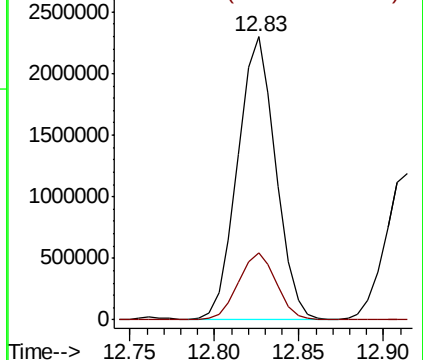
91 100

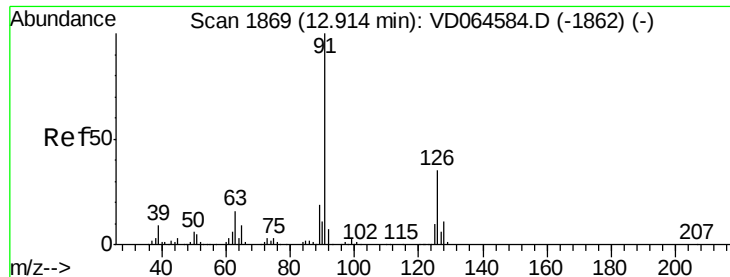
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 132.565 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

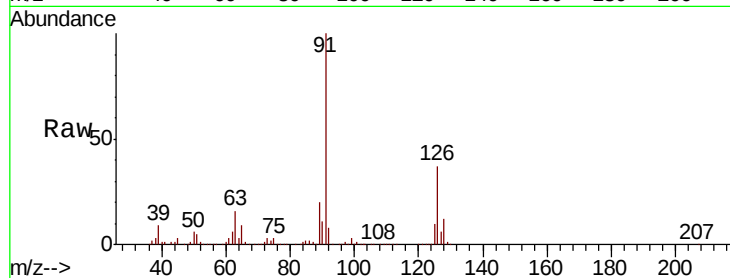
ClientSampleId :

Tot Ion: 91 Resp: 1946483

Ion Ratio Lower Upper

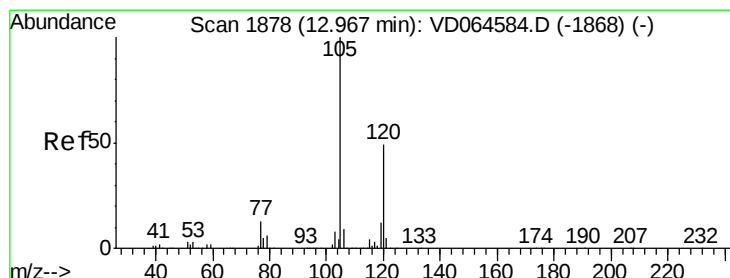
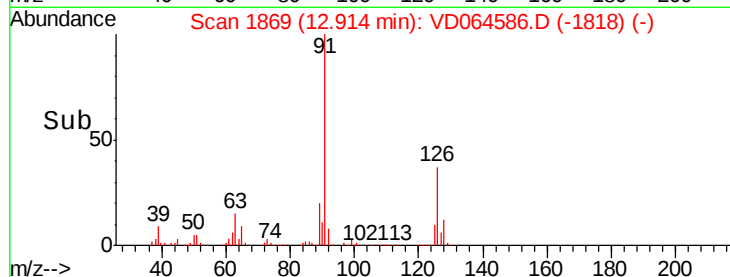
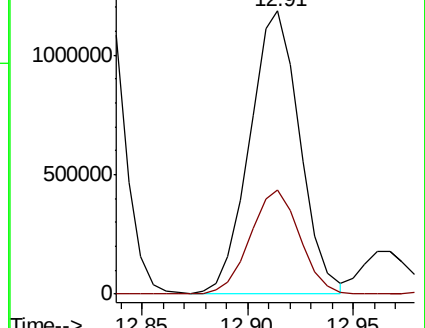
91 100

126 36.4 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VD064586.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD064586.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 138.626 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064586.D

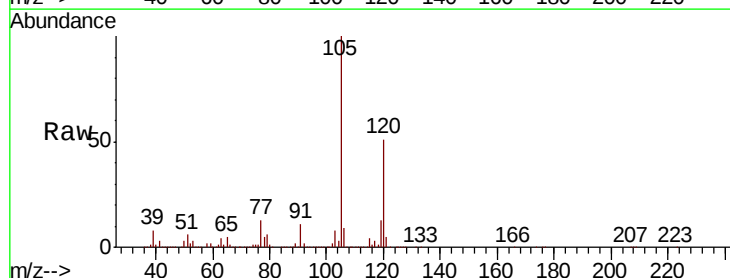
Acq: 24 Dec 2019 12:42

Tgt Ion:105 Resp: 2578481

Ion Ratio Lower Upper

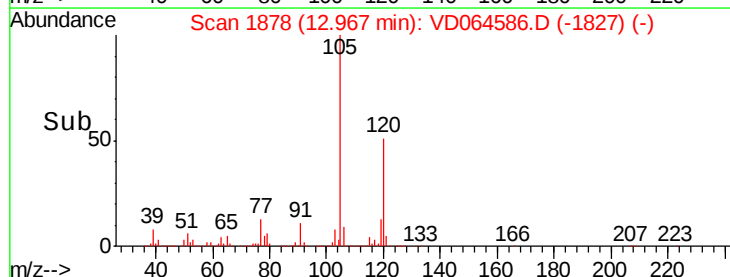
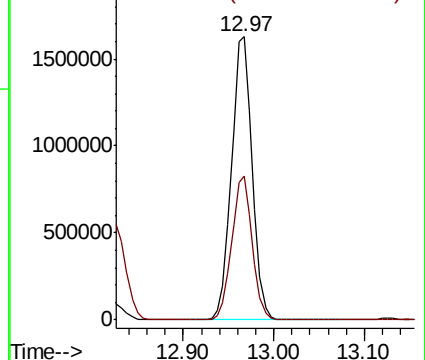
105 100

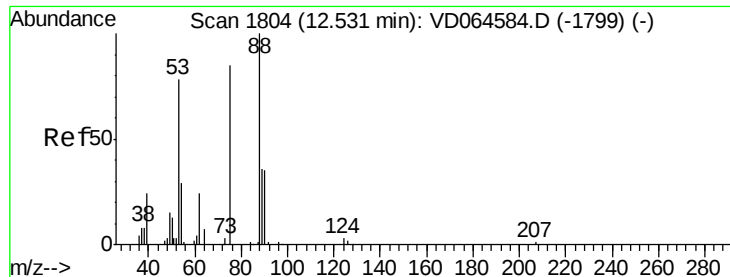
120 50.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VD064586.D (-1827) (-)

Ion 120.00 (119.70 to 120.70): VD064586.D (-1827) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 136.236 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

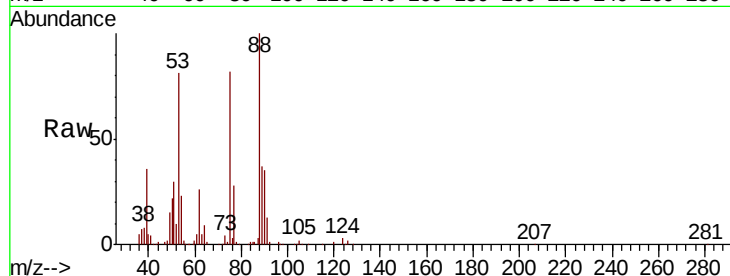
Instrument :

MSVOA\_D

ClientSampleId :

Tot Ion: 75 Resp: 163575

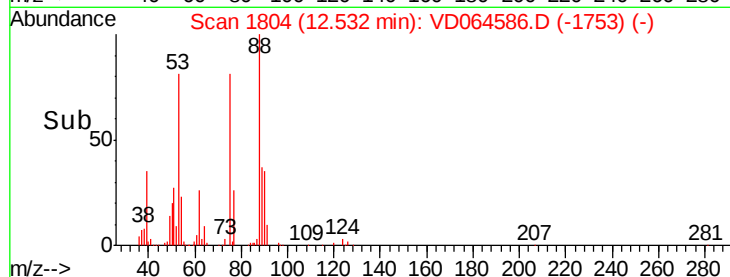
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 98.3  | 78.8  | 118.2 |
| 89  | 46.4  | 38.3  | 57.5  |



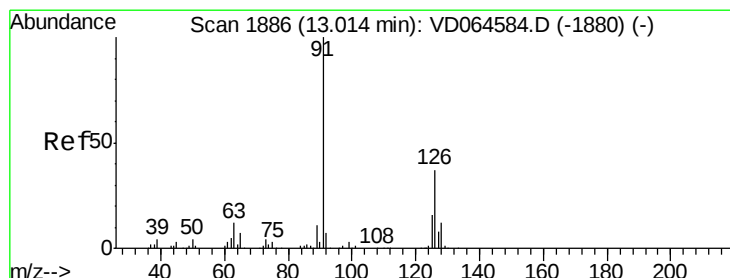
Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



Time-->



#82

4-Chlorotoluene

Concen: 137.192 ug/l

RT: 13.01 min Scan# 1885

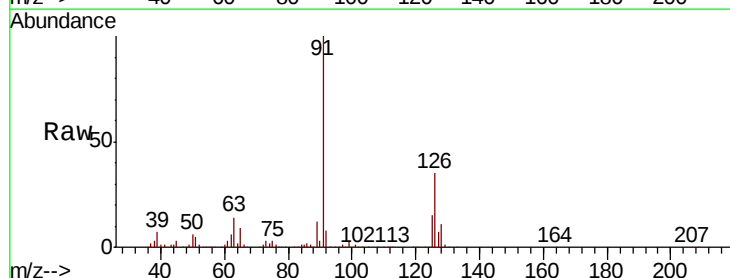
Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

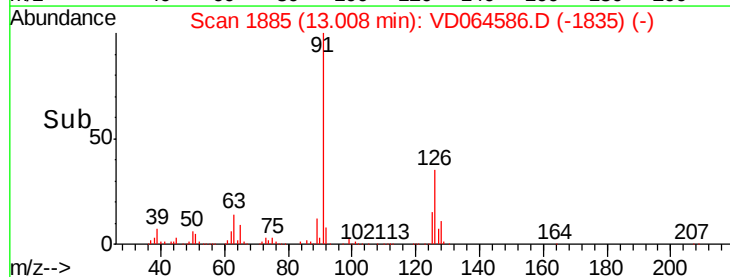
Tgt Ion: 91 Resp: 2127263

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 35.9  | 17.8  | 53.5  |

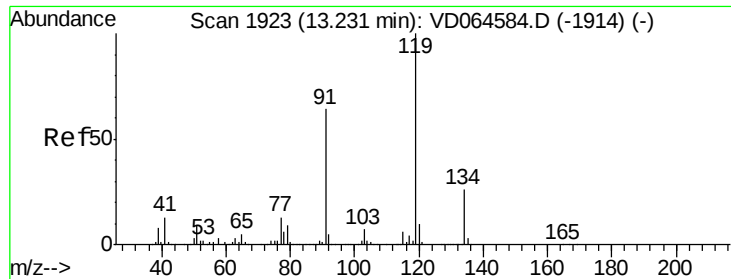


Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V



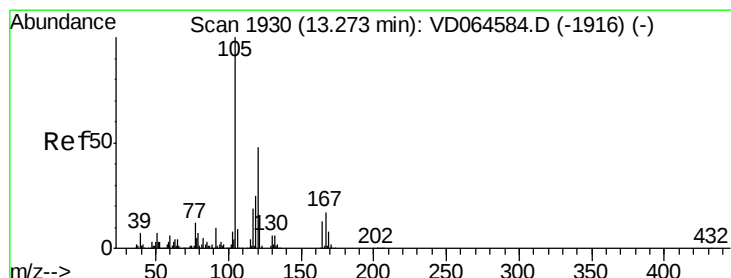
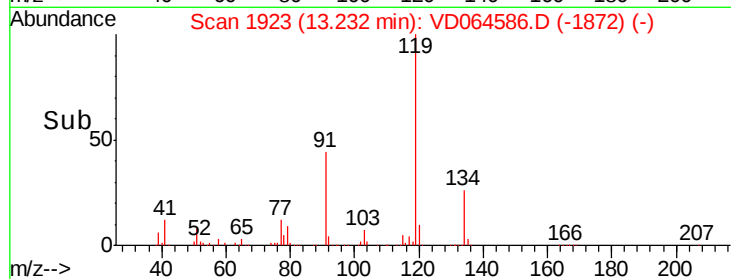
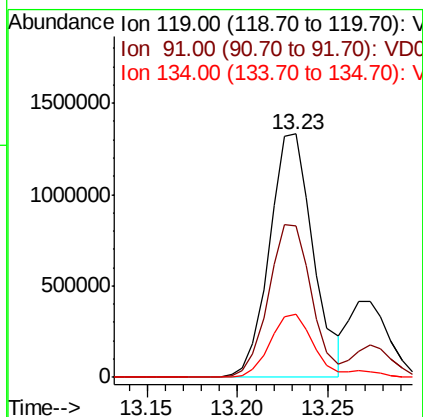
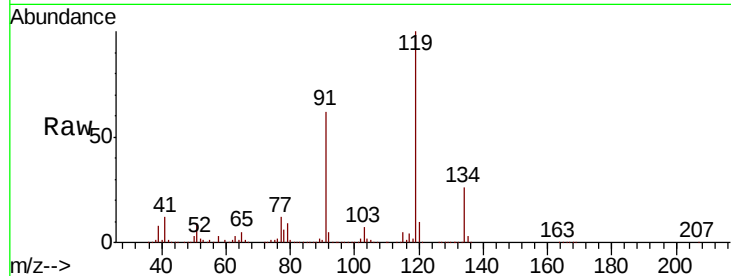
Time-->



#83  
tert-Butylbenzene  
Concen: 139.236 ug/l  
RT: 13.23 min Scan# 1923  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

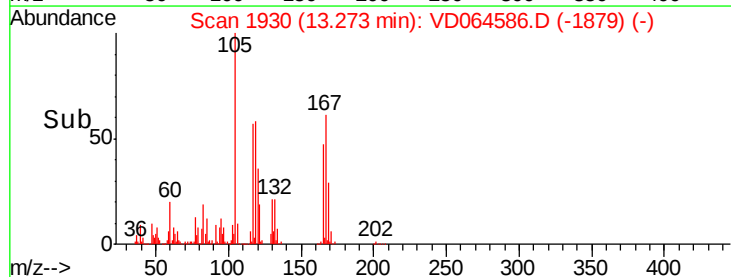
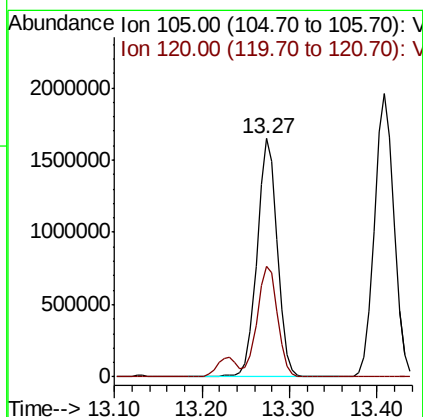
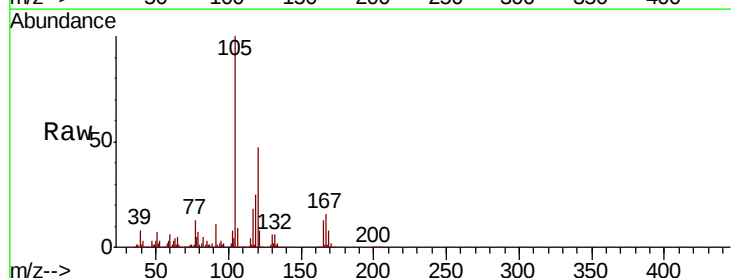
Instrument :  
MSVOA\_D  
ClientSampleId :

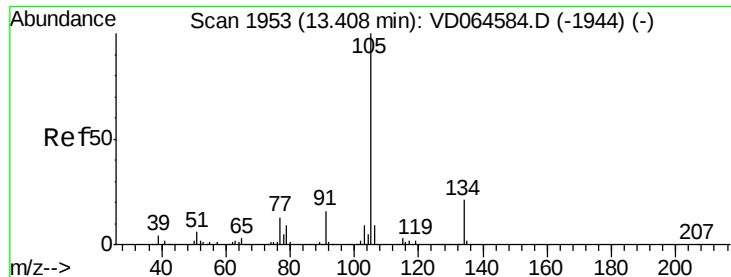
Tot Ion:119 Resp: 2243146  
Ion Ratio Lower Upper  
119 100  
91 61.7 30.8 92.4  
134 27.3 12.8 38.3



#84  
1,2,4-Trimethylbenzene  
Concen: 140.934 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion:105 Resp: 2596898  
Ion Ratio Lower Upper  
105 100  
120 47.2 23.8 71.2

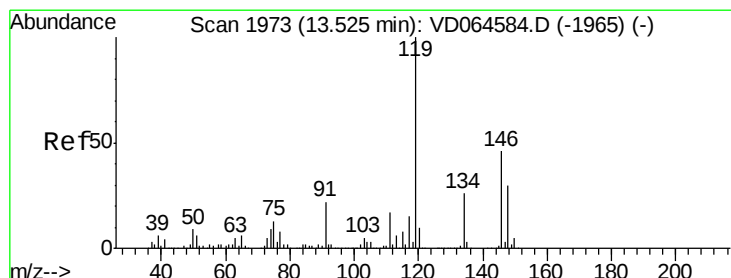
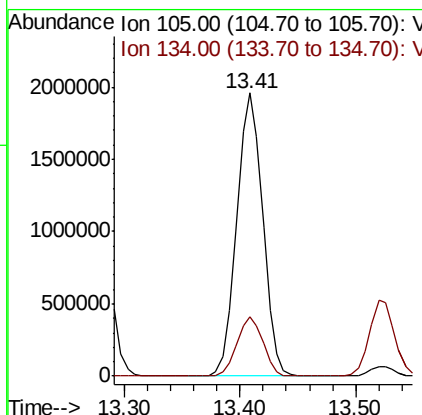
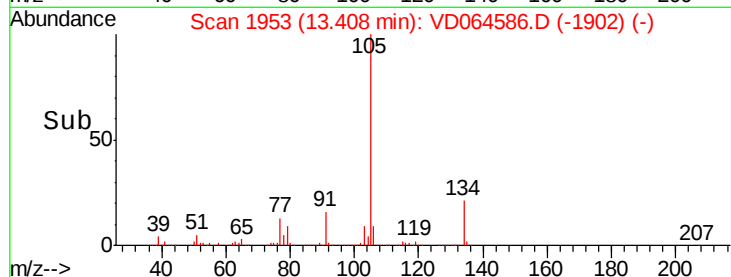
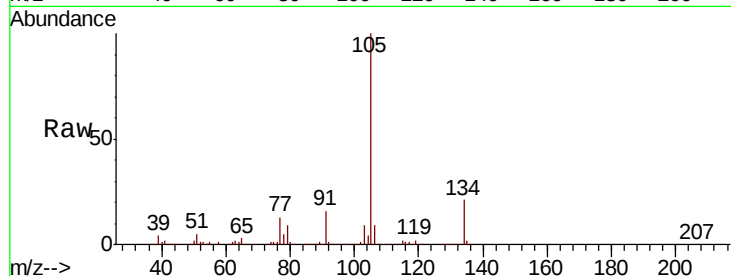




#85  
 sec-Butylbenzene  
 Concen: 138.111 ug/l  
 RT: 13.41 min Scan# 1953  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

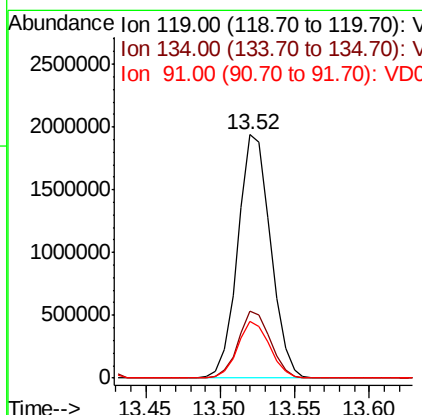
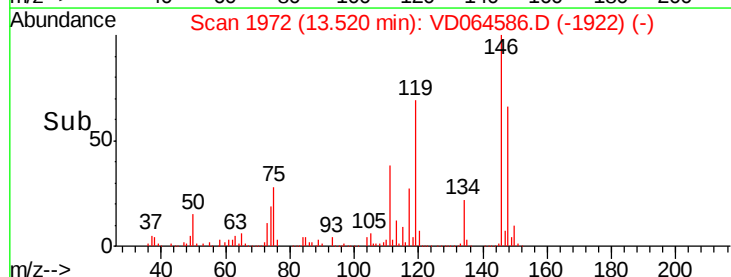
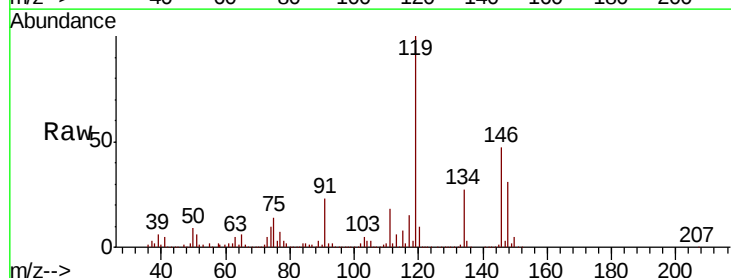
Instrument :  
 MSVOA\_D  
 ClientSampled :

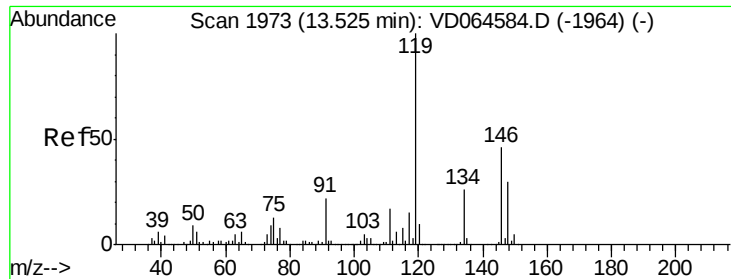
Tot Ion:105 Resp: 3051883  
 Ion Ratio Lower Upper  
 105 100  
 134 20.9 10.6 31.8



#86  
 p-Isopropyltoluene  
 Concen: 140.586 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.01 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Tgt Ion:119 Resp: 2952396  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.4 40.1  
 91 22.7 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 137.897 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

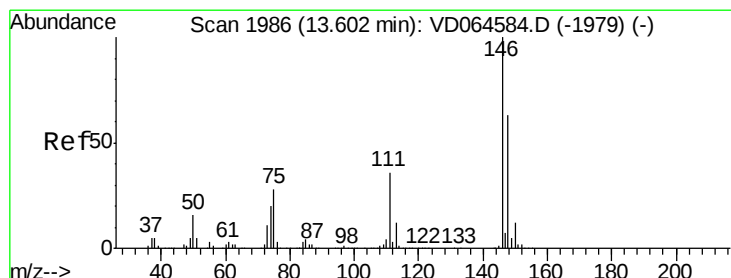
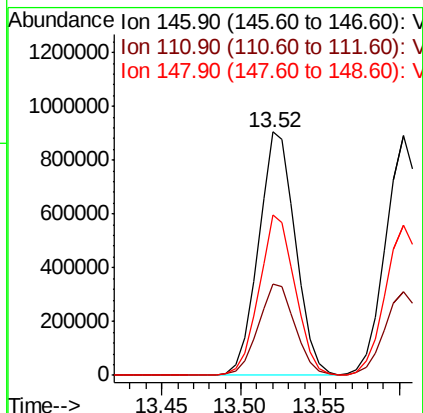
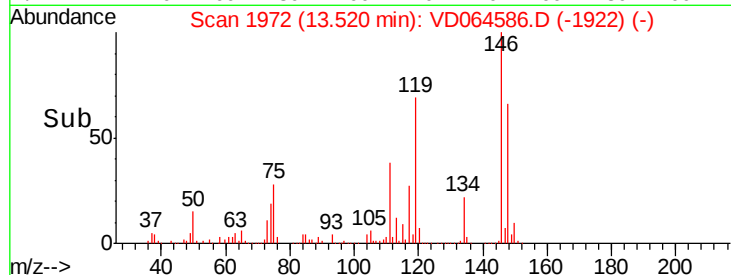
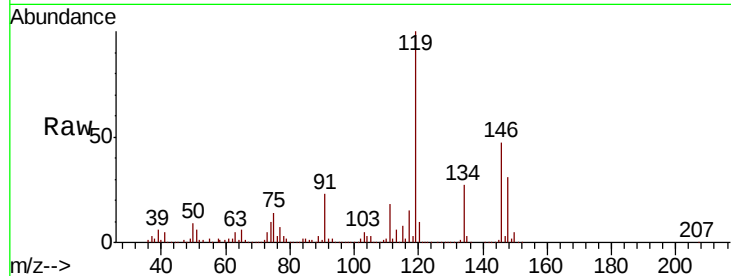
Tot Ion:146 Resp: 1462447

Ion Ratio Lower Upper

146 100

111 37.3 18.8 56.4

148 64.3 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 132.953 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

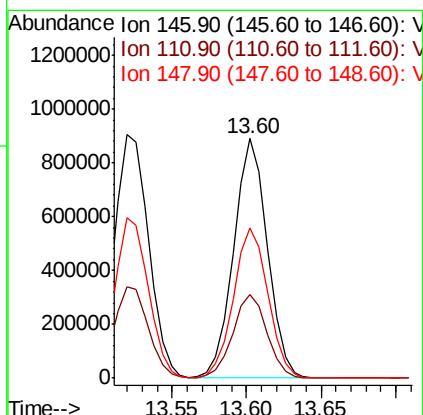
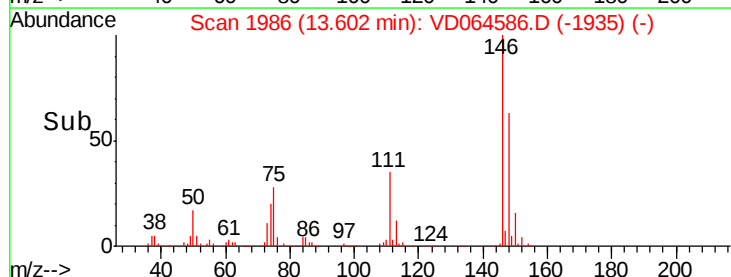
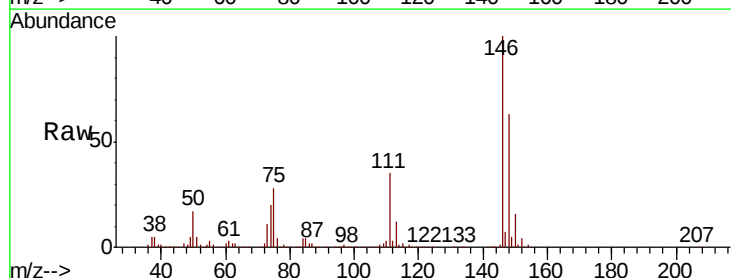
Tgt Ion:146 Resp: 1401027

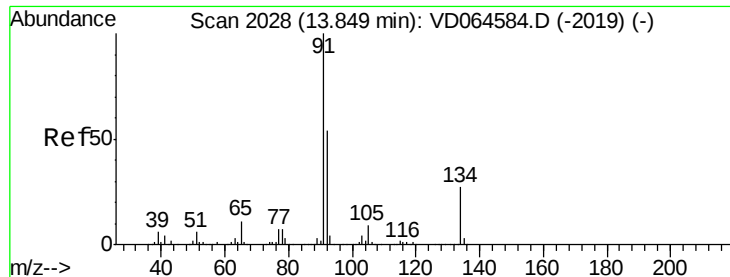
Ion Ratio Lower Upper

146 100

111 35.5 18.1 54.1

148 64.2 32.3 96.9





#89

n-Butylbenzene

Concen: 139.298 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

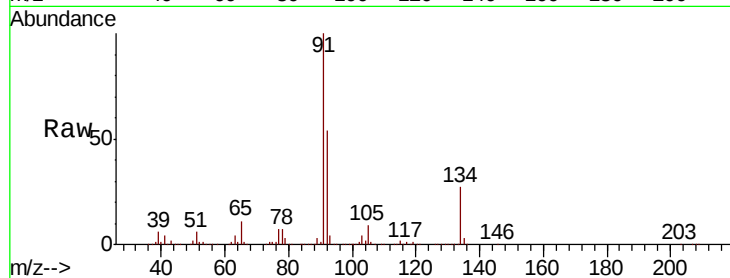
Tot Ion: 91 Resp: 2647832

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.7  | 26.8  | 80.4  |
| 134 | 27.1  | 14.0  | 41.9  |

91 100

92 53.7 26.8 80.4

134 27.1 14.0 41.9

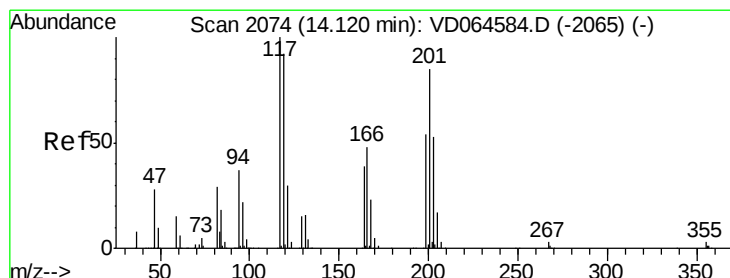
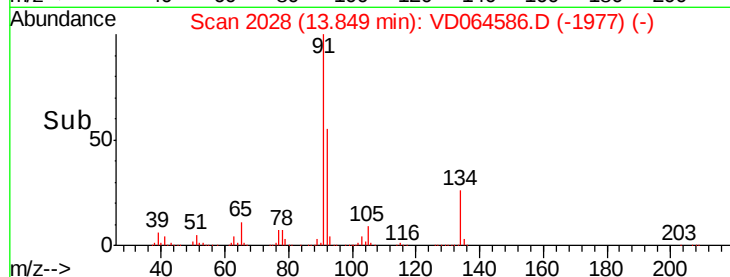
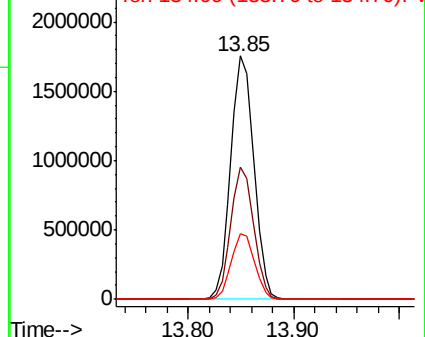


Abundance

Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): VDC



#90

Hexachloroethane

Concen: 127.246 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.00 min

Lab File: VD064586.D

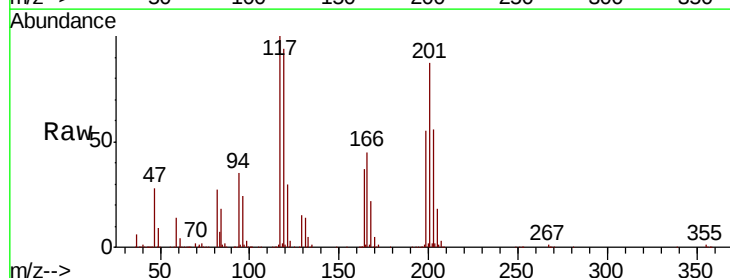
Acq: 24 Dec 2019 12:42

Tgt Ion: 117 Resp: 527360

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 87.7  | 44.0  | 131.8 |

117 100

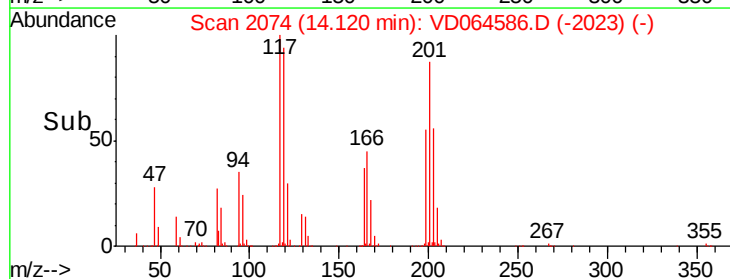
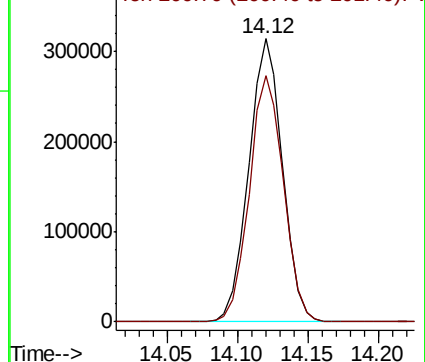
201 87.7 44.0 131.8

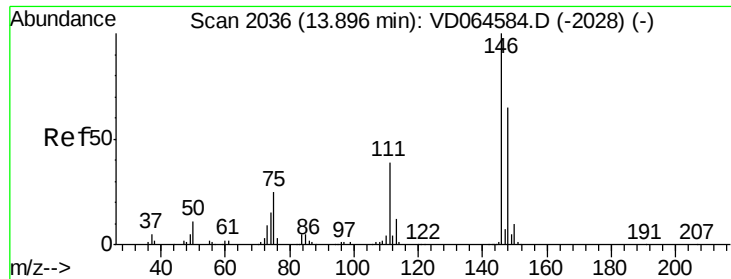


Abundance

Ion 116.80 (116.50 to 117.50): VDC

Ion 200.70 (200.40 to 201.40): VDC





#91

1,2-Dichlorobenzene

Concen: 133.165 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

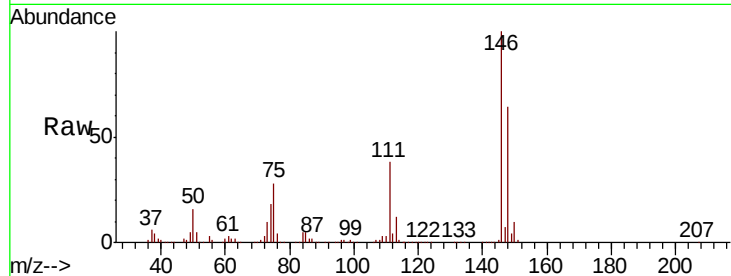
Tot Ion:146 Resp: 1218125

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.9

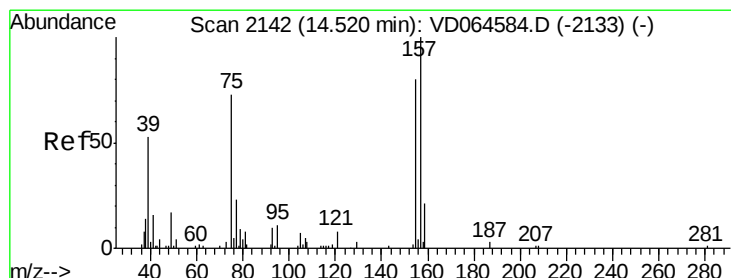
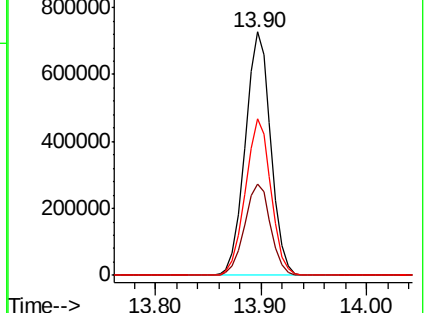
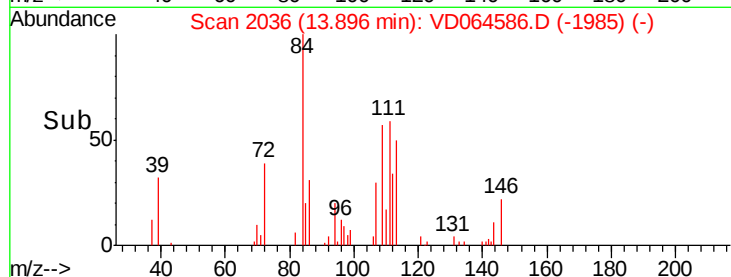
148 64.3 31.9 95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 121.703 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

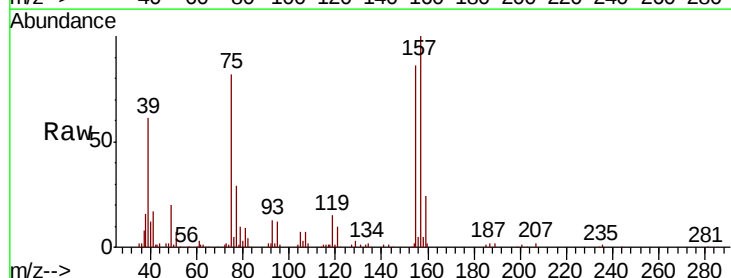
Tgt Ion: 75 Resp: 72605

Ion Ratio Lower Upper

75 100

155 99.9 48.0 144.0

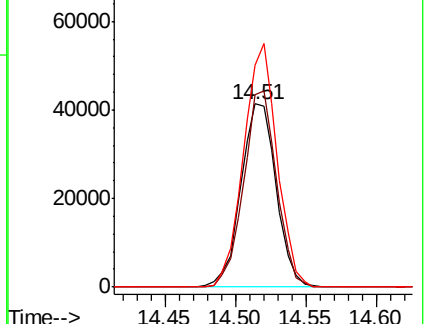
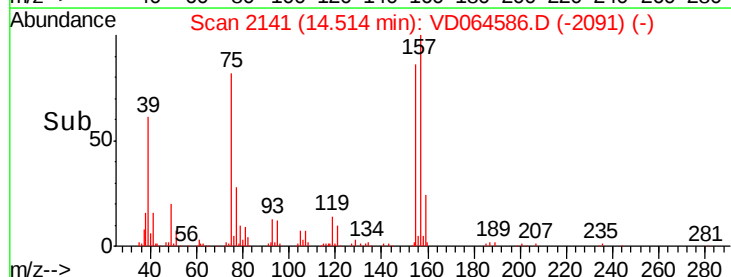
157 125.6 64.1 192.3

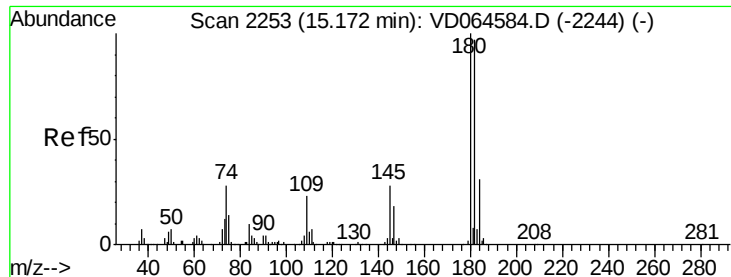


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

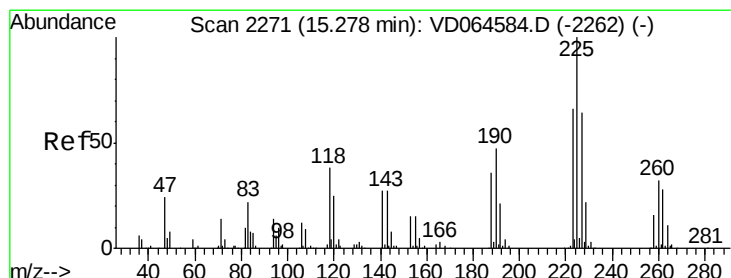
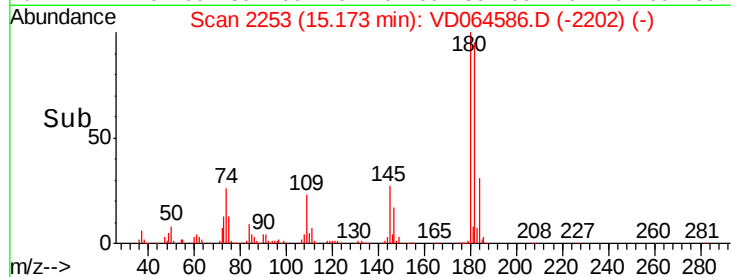
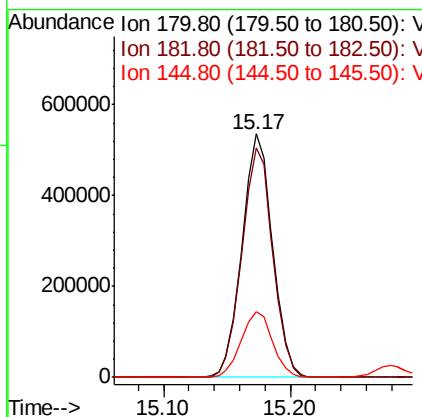
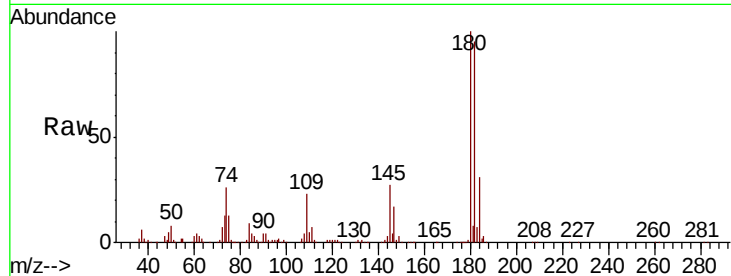




#93  
 1,2,4-Trichlorobenzene  
 Concen: 132.253 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

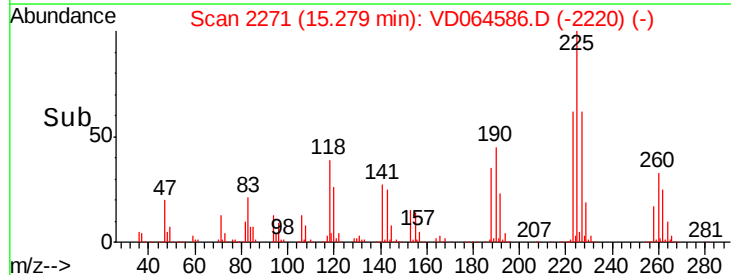
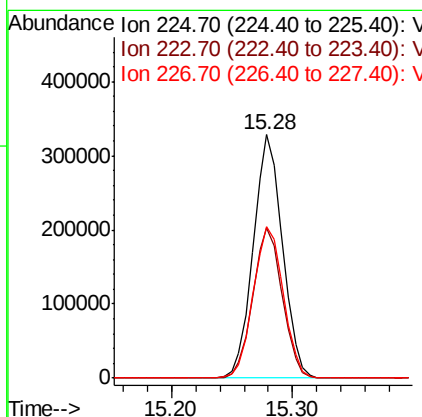
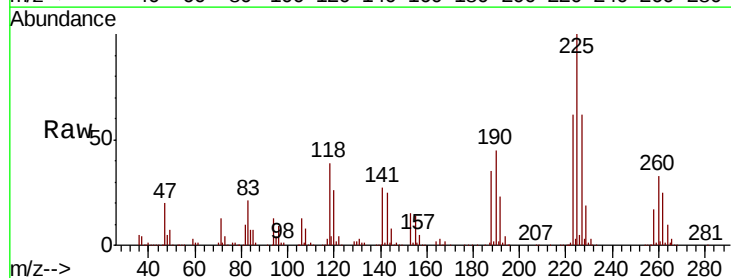
Instrument :  
 MSVOA\_D  
 ClientSampleId :

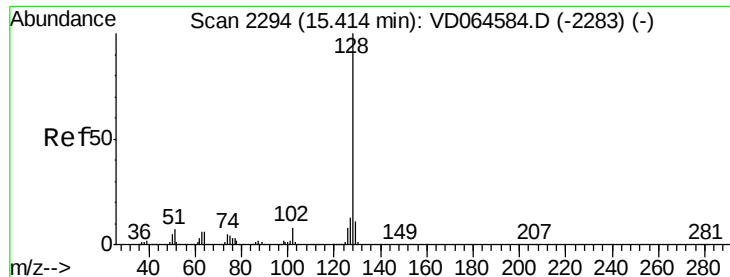
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.4  | 48.0  | 144.2 |
| 145     | 27.8  | 13.8  | 41.4  |



#94  
 Hexachlorobutadiene  
 Concen: 129.599 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.1  | 31.1  | 93.2  |
| 227     | 64.0  | 30.9  | 92.7  |

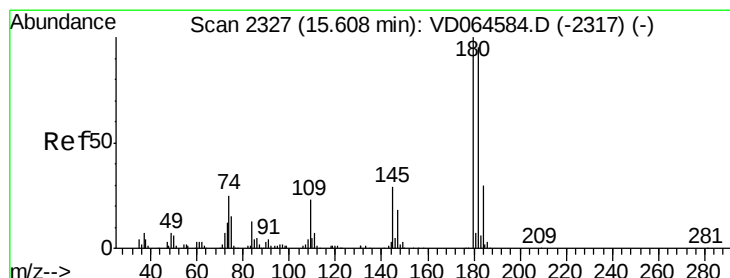
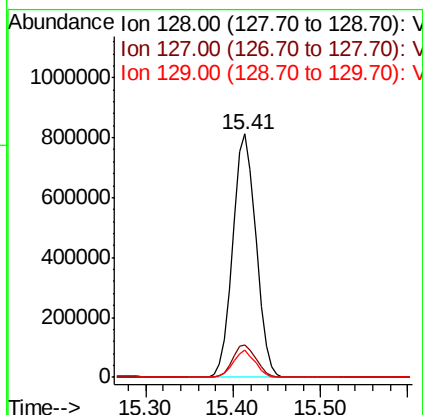
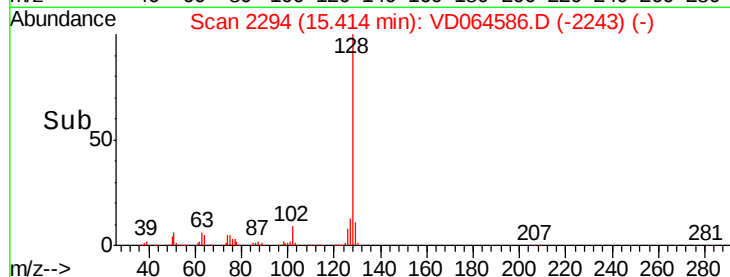
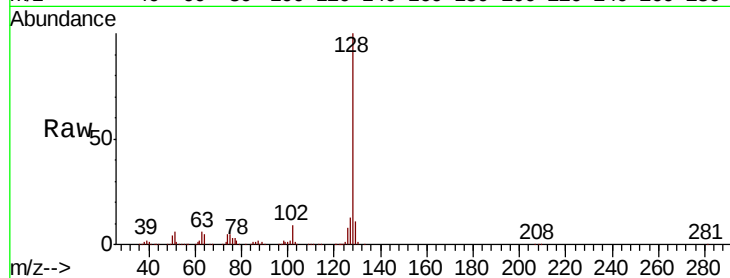




#95  
Naphthalene  
Concen: 139.205 ug/l  
RT: 15.41 min Scan# 2294  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:128 Resp: 1454518  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.3 15.5  
129 10.9 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 130.527 ug/l  
RT: 15.61 min Scan# 2327  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion:180 Resp: 752020  
Ion Ratio Lower Upper  
180 100  
182 95.9 47.9 143.7  
145 29.7 14.9 44.7

