

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\  
 Data File : VD065080.D  
 Acq On : 06 Feb 2020 12:05  
 Operator : VA/SY  
 Sample : VD0206SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Feb 07 06:07:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D020520S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 05 15:53:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 472345   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 703728   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 626855   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 300836   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.33  | 65   | 215872   | 53.77 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.54% |          |
| 35) Dibromofluoromethane    | 7.92  | 113  | 210944   | 53.72 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.44% |          |
| 50) Toluene-d8              | 10.34 | 98   | 841331   | 53.83 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.66% |          |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 254319   | 51.36 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.72% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85   | 80261    | 20.419 | ug/l   | 95     |
| 3) Chloromethane              | 2.21 | 50   | 101253   | 21.883 | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.35 | 62   | 105956   | 21.653 | ug/l   | 99     |
| 5) Bromomethane               | 2.76 | 94   | 70265    | 22.145 | ug/l   | 96     |
| 6) Chloroethane               | 2.92 | 64   | 67028    | 22.082 | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 3.27 | 101  | 159597   | 22.411 | ug/l   | 99     |
| 8) Diethyl Ether              | 3.70 | 74   | 40143    | 19.636 | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101  | 88669    | 20.367 | ug/l   | 99     |
| 10) Methyl Iodide             | 4.29 | 142  | 85955    | 17.298 | ug/l   | 97     |
| 11) Tert butyl alcohol        | 5.24 | 59   | 22131    | 90.226 | ug/l # | 92     |
| 12) 1,1-Dichloroethene        | 4.06 | 96   | 81802    | 19.619 | ug/l   | 98     |
| 13) Acrolein                  | 3.92 | 56   | 27841    | 92.283 | ug/l   | 96     |
| 14) Allyl chloride            | 4.71 | 41   | 134725   | 19.442 | ug/l   | 96     |
| 15) Acrylonitrile             | 5.43 | 53   | 80897    | 90.510 | ug/l   | 98     |
| 16) Acetone                   | 4.16 | 43   | 83809    | 83.500 | ug/l   | 94     |
| 17) Carbon Disulfide          | 4.40 | 76   | 275370   | 20.570 | ug/l   | 98     |
| 18) Methyl Acetate            | 4.73 | 43   | 40042    | 19.095 | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 5.49 | 73   | 166610   | 18.070 | ug/l   | 93     |
| 20) Methylene Chloride        | 4.96 | 84   | 100513   | 20.411 | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96   | 93318    | 19.782 | ug/l   | 96     |
| 22) Diisopropyl ether         | 6.37 | 45   | 265320   | 20.299 | ug/l   | 95     |
| 23) Vinyl Acetate             | 6.31 | 43   | 681775   | 93.580 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 6.26 | 63   | 163375   | 20.650 | ug/l   | 99     |
| 25) 2-Butanone                | 7.22 | 43   | 102835   | 85.891 | ug/l   | 96     |
| 26) 2,2-Dichloropropane       | 7.21 | 77   | 148045   | 20.877 | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96   | 99498    | 19.854 | ug/l   | 99     |
| 28) Bromochloromethane        | 7.56 | 49   | 57930    | 19.316 | ug/l   | 97     |
| 29) Tetrahydrofuran           | 7.57 | 42   | 64810    | 89.513 | ug/l   | 99     |
| 30) Chloroform                | 7.71 | 83   | 162466   | 20.624 | ug/l   | 91     |
| 31) Cyclohexane               | 7.98 | 56   | 156187   | 19.557 | ug/l   | 94     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97   | 150572   | 20.519 | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 8.11 | 75   | 132751   | 20.287 | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.31 | 43   | 49217    | 18.411 | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 8.10 | 117  | 139884   | 20.931 | ug/l   | 95     |

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 Sample : VD0206SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Feb 07 06:07:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D020520S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 05 15:53:00 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 154911   | 19.179  | ug/l   | 98       |
| 40) Benzene                    | 8.36  | 78   | 367886   | 20.359  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.53  | 41   | 31199    | 21.184  | ug/l # | 83       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 100393   | 19.498  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 92396    | 18.068  | ug/l   | 100      |
| 44) Trichloroethene            | 9.11  | 130  | 103314   | 19.919  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 89000    | 20.543  | ug/l   | 99       |
| 46) Dibromomethane             | 9.48  | 93   | 45861    | 20.144  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.67  | 83   | 122823   | 20.475  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.46  | 41   | 41861    | 17.011  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 9888     | 366.699 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 224366   | 89.136  | ug/l   | 100      |
| 52) Toluene                    | 10.41 | 92   | 235836   | 20.449  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 114047   | 19.527  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 138019   | 19.759  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.81 | 97   | 60835    | 19.481  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 70349    | 17.805  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 108022   | 19.672  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.95  | 63   | 112034   | 74.410  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.99 | 43   | 152161   | 85.343  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 81964    | 20.265  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 58397    | 19.139  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 88540    | 19.657  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.68 | 112  | 244722   | 20.184  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 89174    | 19.928  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.75 | 91   | 439382   | 19.947  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.86 | 106  | 336017   | 39.967  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 143709   | 18.982  | ug/l   | 95       |
| 70) Styrene                    | 12.20 | 104  | 259148   | 19.694  | ug/l   | 99       |
| 71) Bromoform                  | 12.37 | 173  | 45602    | 18.933  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 405170   | 19.622  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.30 | 43   | 79212    | 17.650  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 63189    | 19.445  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 83251    | 36.551  | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 99672    | 20.035  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.83 | 91   | 488711   | 20.211  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 264626   | 19.633  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 331008   | 19.595  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.54 | 75   | 20538    | 18.034  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 282620   | 19.965  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 278490   | 19.109  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.28 | 105  | 335992   | 20.035  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 394688   | 19.829  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.53 | 119  | 365492   | 19.763  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.53 | 146  | 186631   | 20.037  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.61 | 146  | 182023   | 19.634  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.86 | 91   | 333983   | 19.566  | ug/l   | 100      |
| 90) Hexachloroethane           | 14.12 | 117  | 70586    | 20.156  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 154193   | 19.327  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 9574     | 18.047  | ug/l   | 98       |

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Acq On : 06 Feb 2020 12:05  
Operator : VA/SY  
Sample : VD0206SBS01  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

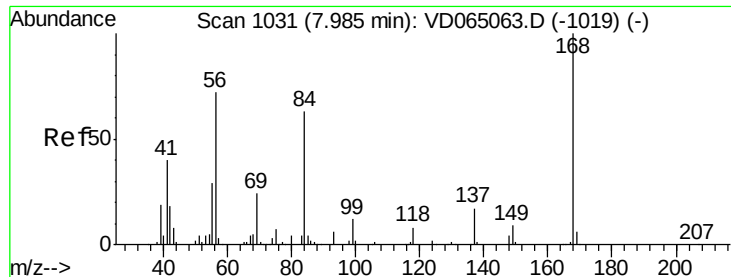
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Feb 07 06:07:08 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D020520S.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 05 15:53:00 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.18 | 180  | 104654   | 18.353 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 67111    | 19.141 | ug/l  | 100      |
| 95) Naphthalene            | 15.41 | 128  | 154975   | 16.352 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.61 | 180  | 88511    | 18.147 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

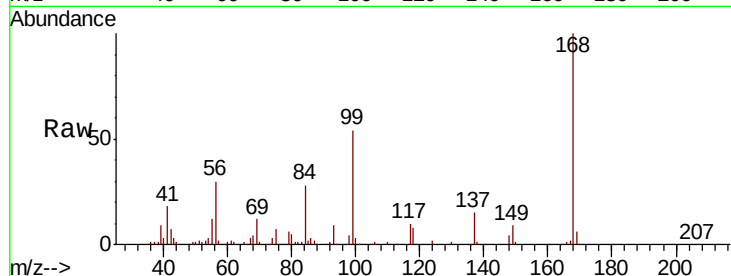
ClientSampled :

Tot Ion:168 Resp: 472345

Ion Ratio Lower Upper

168 100

99 53.8 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

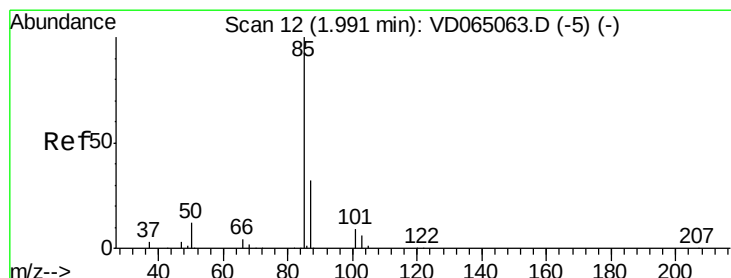
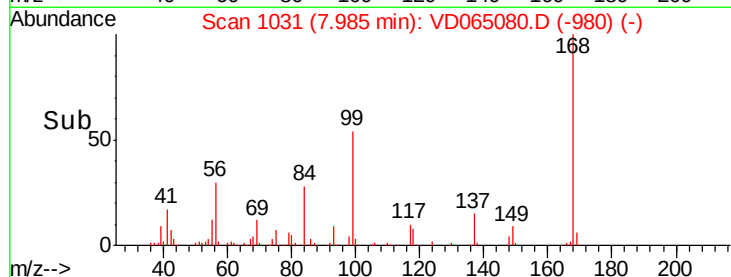
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.419 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065080.D

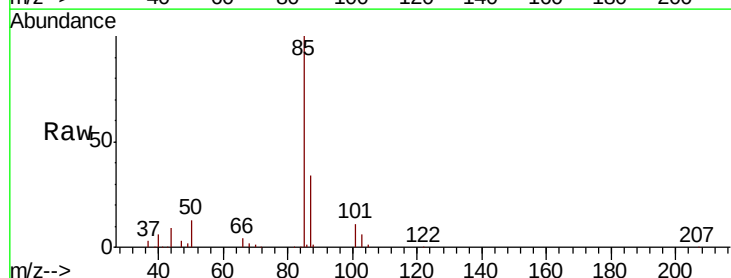
Acq: 06 Feb 2020 12:05

Tgt Ion: 85 Resp: 80261

Ion Ratio Lower Upper

85 100

87 34.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

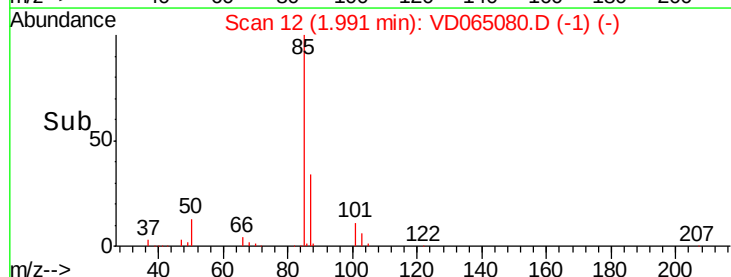
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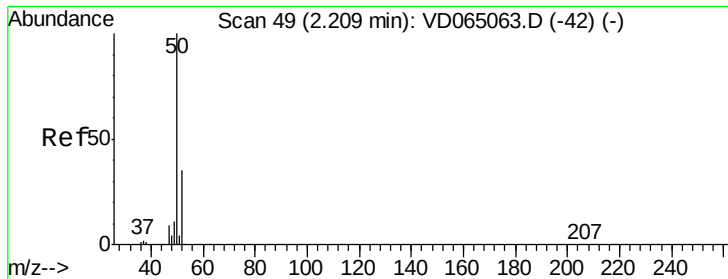
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0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.883 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

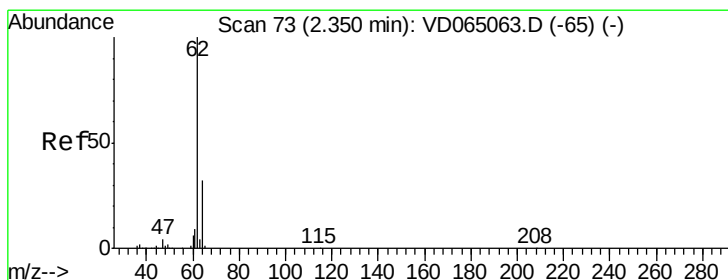
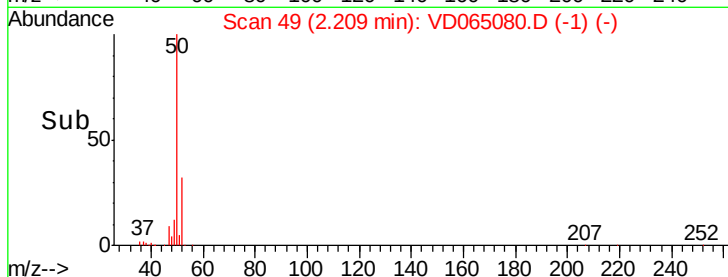
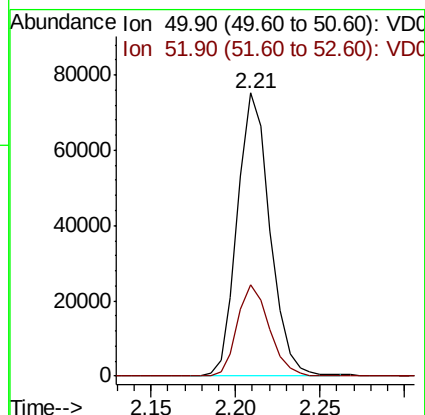
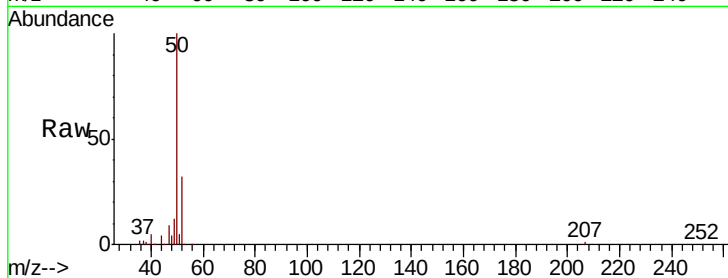
ClientSampleId :

Tot Ion: 50 Resp: 101253

Ion Ratio Lower Upper

50 100

52 32.4 27.8 41.6



#4

Vinyl Chloride

Concen: 21.653 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065080.D

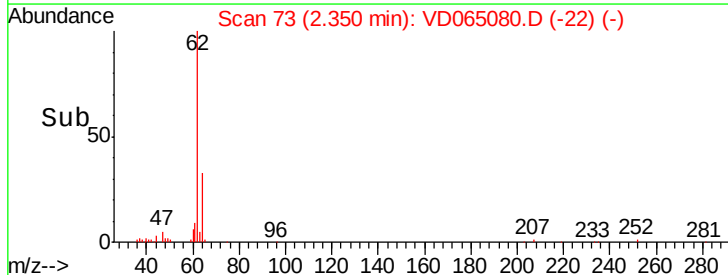
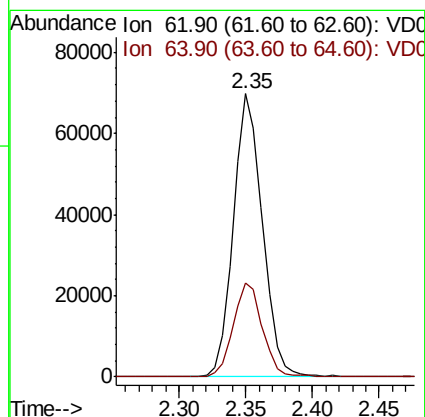
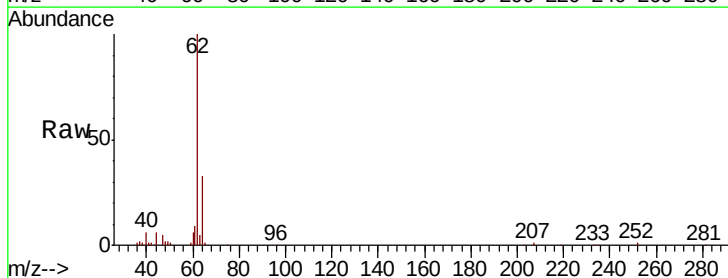
Acq: 06 Feb 2020 12:05

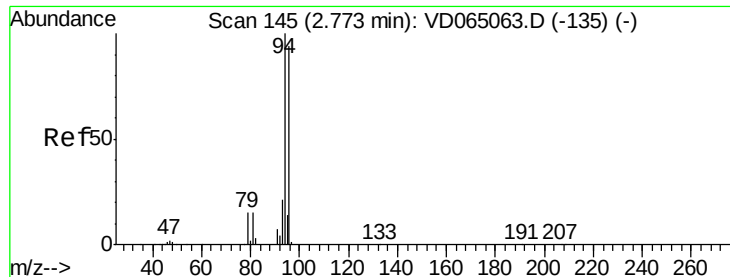
Tgt Ion: 62 Resp: 105956

Ion Ratio Lower Upper

62 100

64 33.2 25.9 38.9





#5

Bromomethane

Concen: 22.145 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

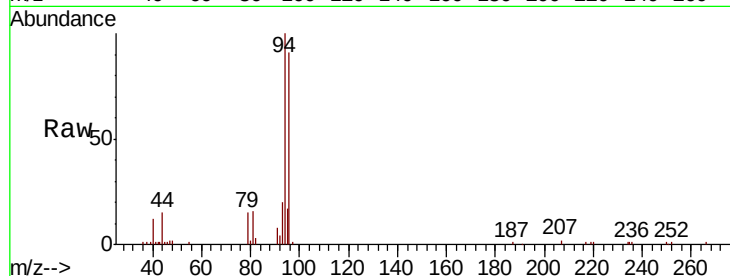
ClientSampleId :

Tot Ion: 94 Resp: 70265

Ion Ratio Lower Upper

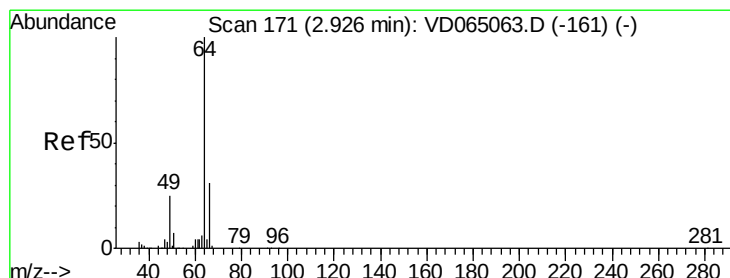
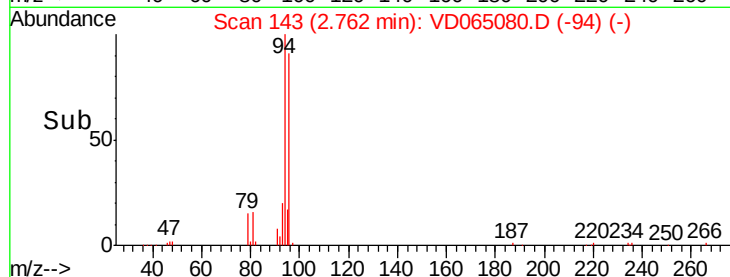
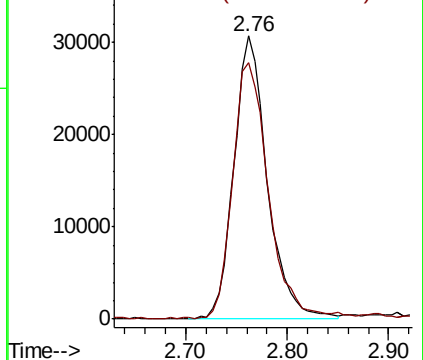
94 100

96 90.0 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 22.082 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065080.D

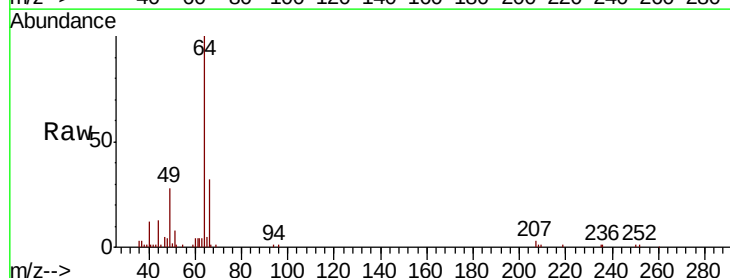
Acq: 06 Feb 2020 12:05

Tgt Ion: 64 Resp: 67028

Ion Ratio Lower Upper

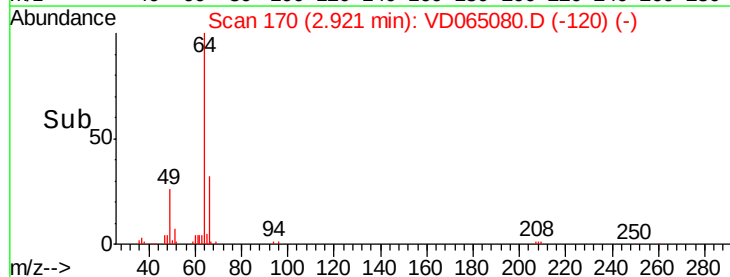
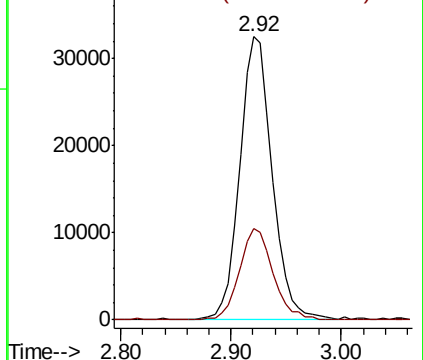
64 100

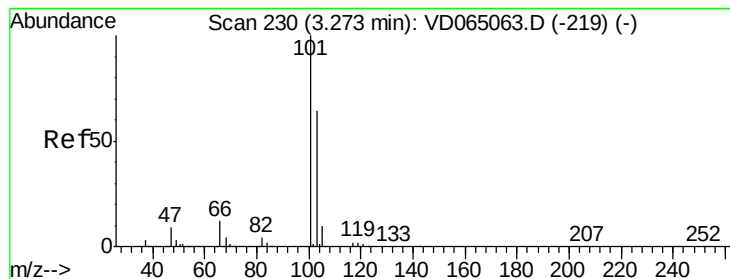
66 32.2 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



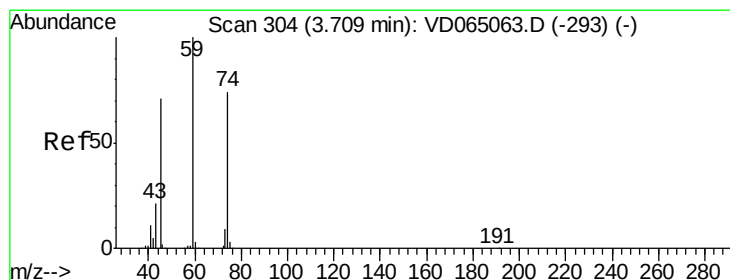
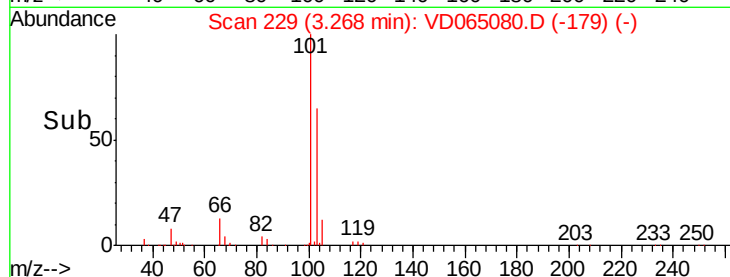
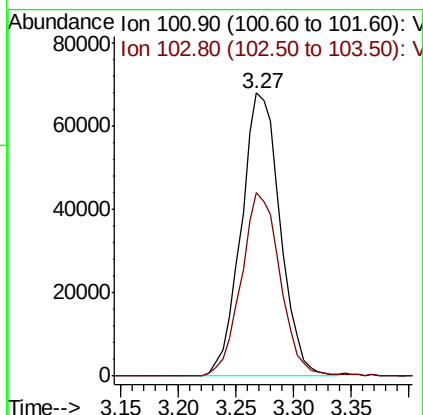
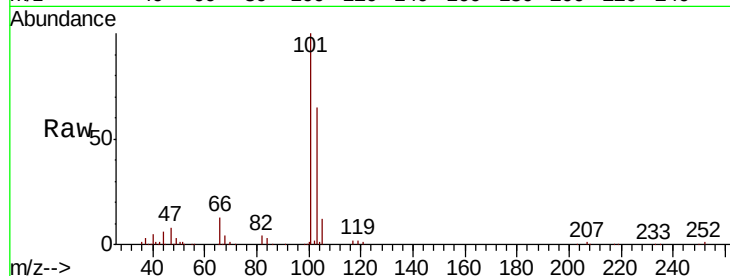


#7

Trichlorofluoromethane  
 Concen: 22.411 ug/l  
 RT: 3.27 min Scan# 229  
 Delta R.T. -0.01 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :

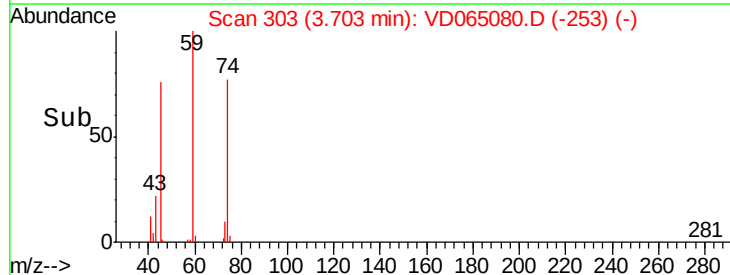
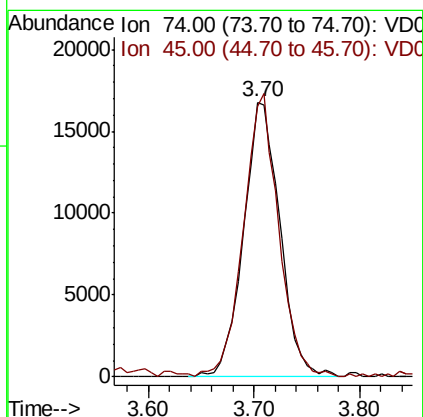
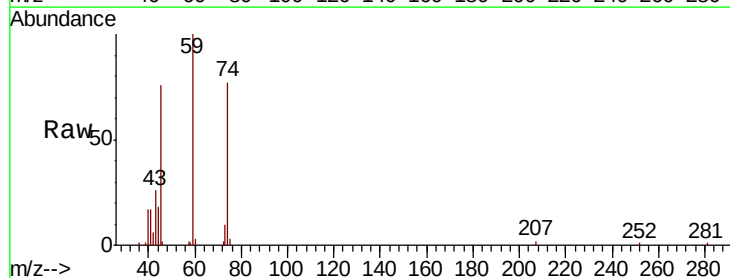
Tot Ion:101 Resp: 159597  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 51.0 76.6



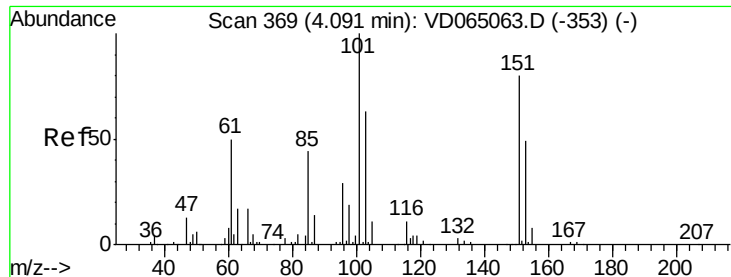
#8

Diethyl Ether  
 Concen: 19.636 ug/l  
 RT: 3.70 min Scan# 303  
 Delta R.T. -0.01 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

Tgt Ion: 74 Resp: 40143  
 Ion Ratio Lower Upper  
 74 100  
 45 99.8 49.0 147.0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.367 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

ClientSampleId :

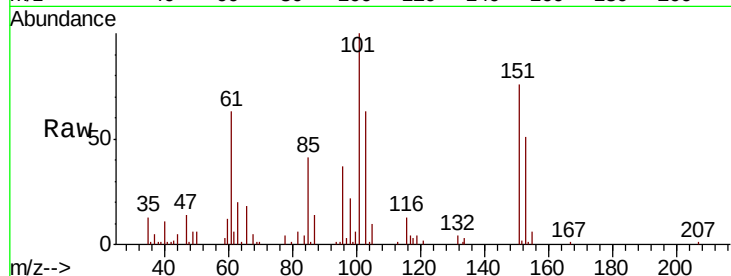
Tot Ion:101 Resp: 88669

Ion Ratio Lower Upper

101 100

85 43.7 34.0 51.0

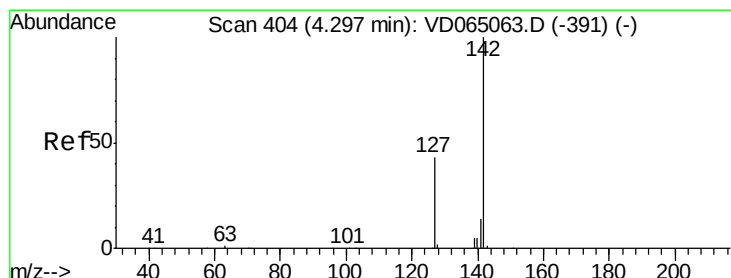
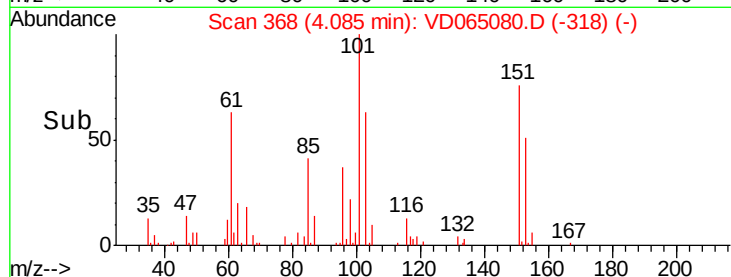
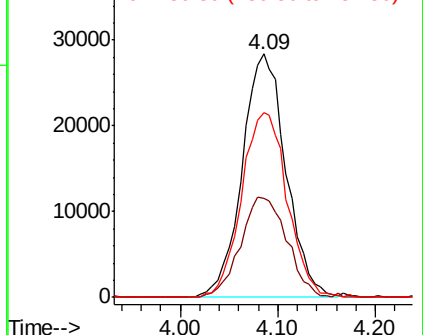
151 79.1 64.0 96.0



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: 17.298 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

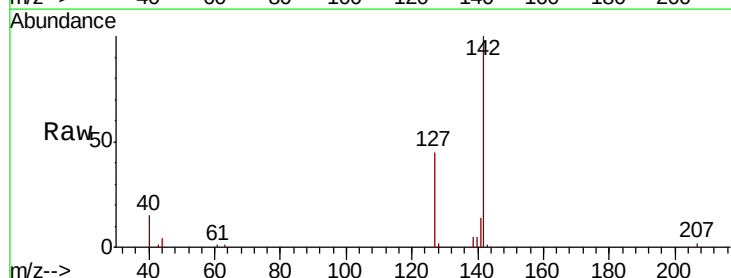
Tgt Ion:142 Resp: 85955

Ion Ratio Lower Upper

142 100

127 44.9 34.0 51.0

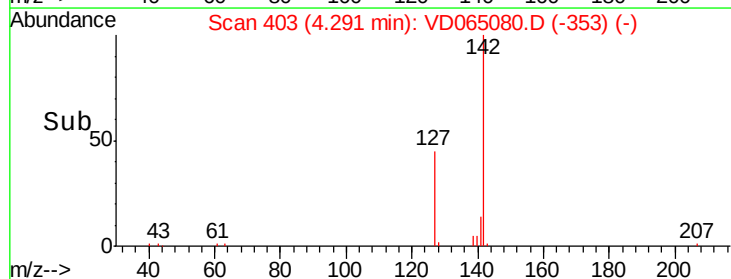
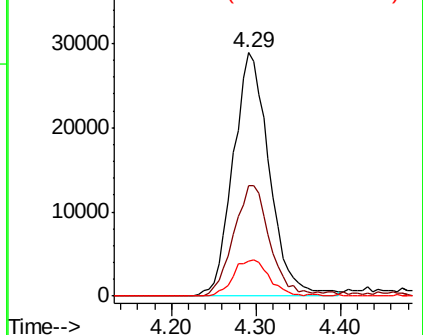
141 14.5 11.6 17.4

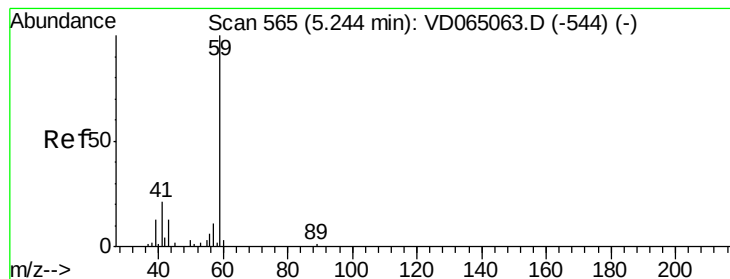


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 90.226 ug/l

RT: 5.24 min Scan# 565

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

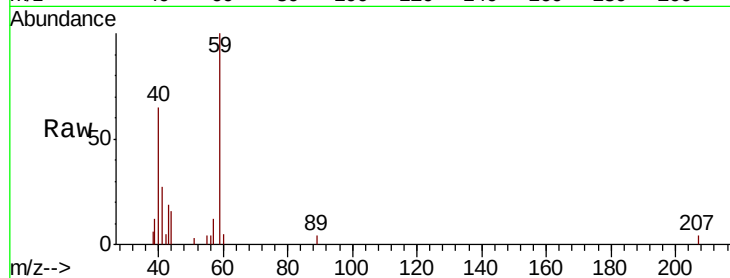
ClientSampleId :

Tot Ion: 59 Resp: 22131

Ion Ratio Lower Upper

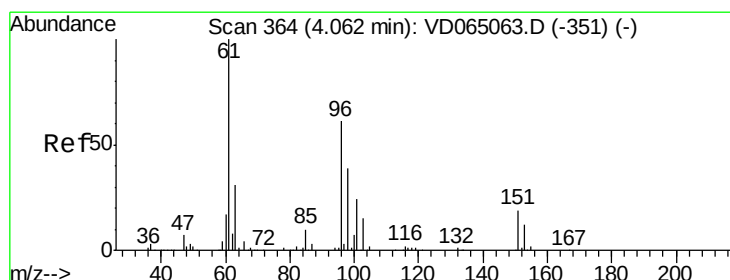
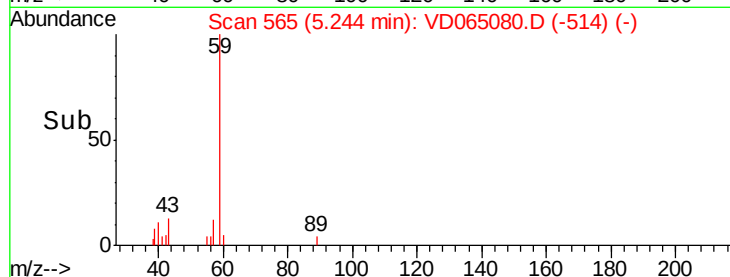
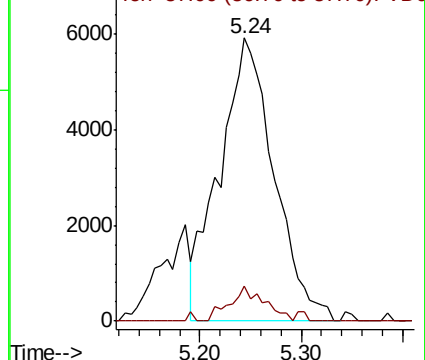
59 100

57 7.8 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 19.619 ug/l

RT: 4.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

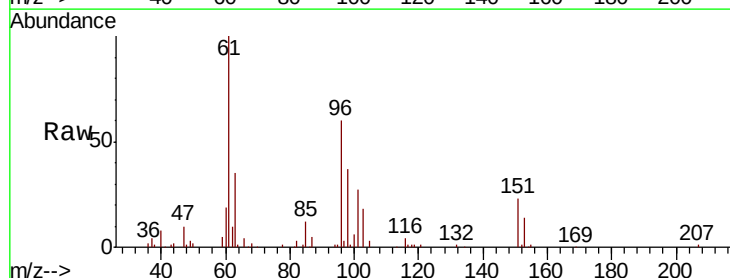
Tgt Ion: 96 Resp: 81802

Ion Ratio Lower Upper

96 100

61 167.0 131.4 197.2

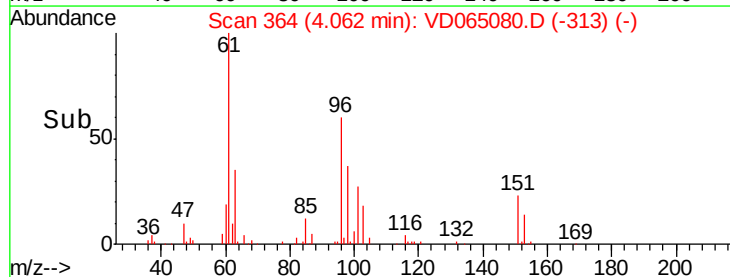
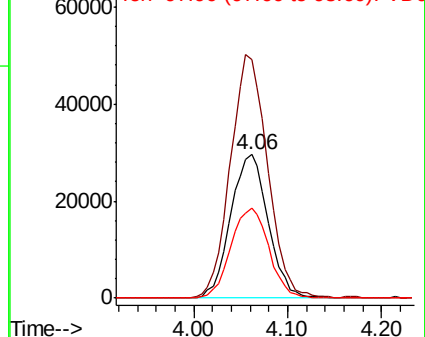
98 62.5 51.1 76.7

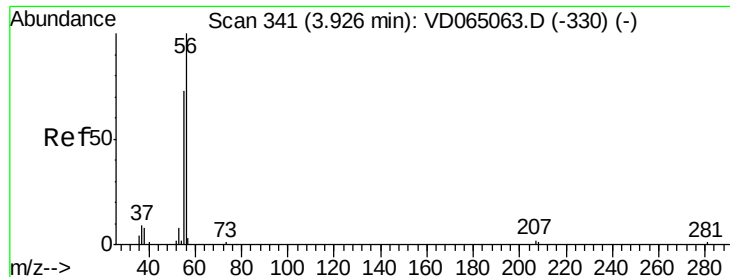


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

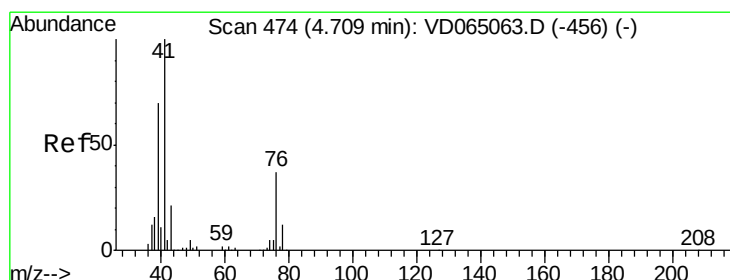
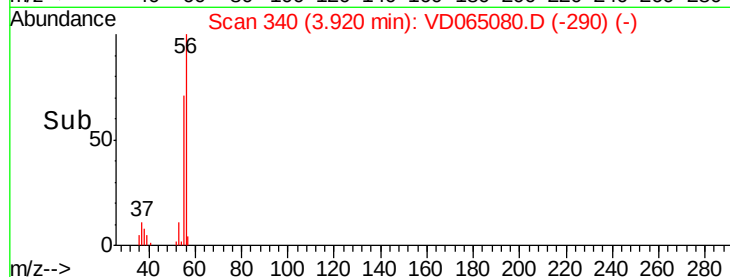
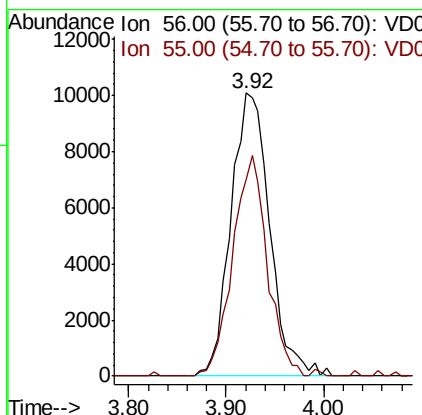
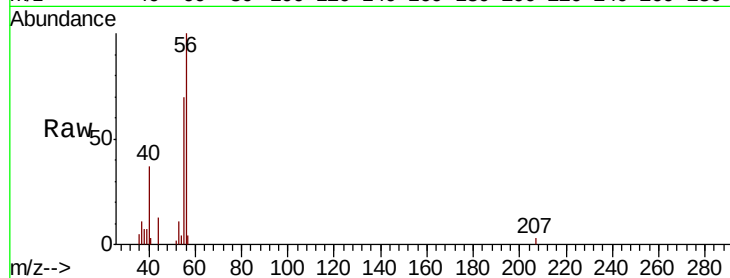




#13  
Acrolein  
Concen: 92.283 ug/l  
RT: 3.92 min Scan# 340  
Delta R.T. -0.01 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

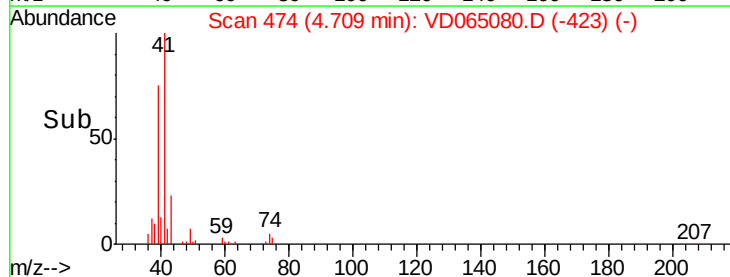
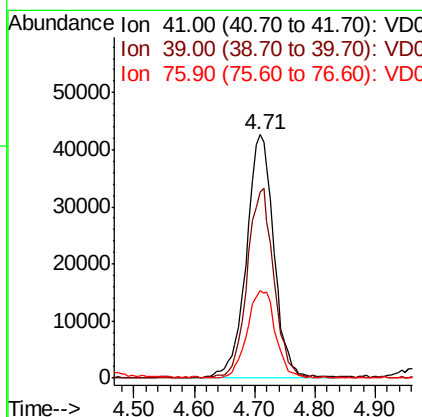
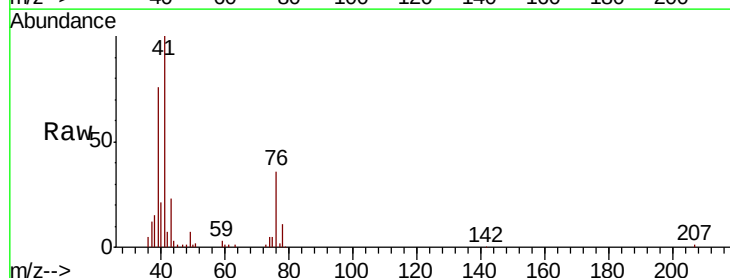
Instrument :  
MSVOA\_D  
ClientSampleId :

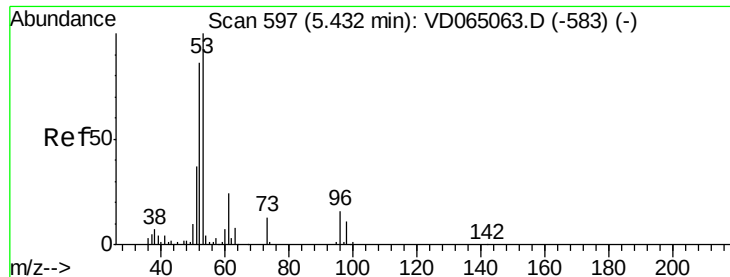
Tot Ion: 56 Resp: 27841  
Ion Ratio Lower Upper  
56 100  
55 69.1 58.2 87.2



#14  
Allyl chloride  
Concen: 19.442 ug/l  
RT: 4.71 min Scan# 474  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

Tgt Ion: 41 Resp: 134725  
Ion Ratio Lower Upper  
41 100  
39 75.3 57.1 85.7  
76 36.9 28.0 42.0





#15

Acrylonitrile

Concen: 90.510 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :  
MSVOA\_D  
ClientSampled :

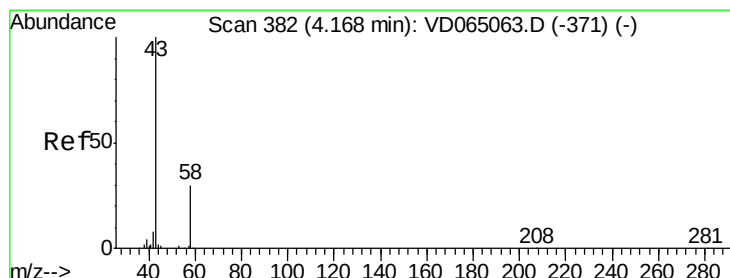
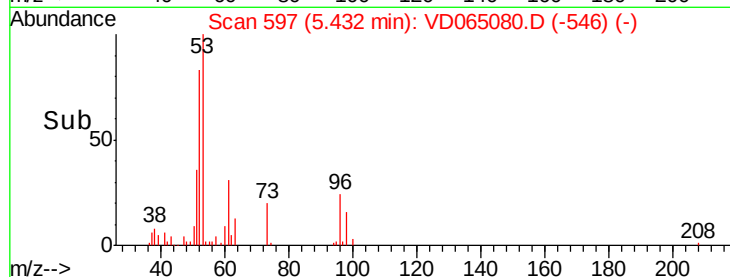
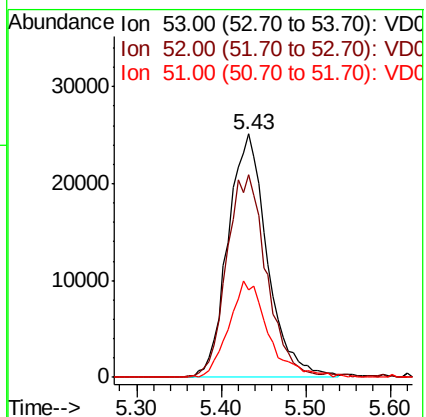
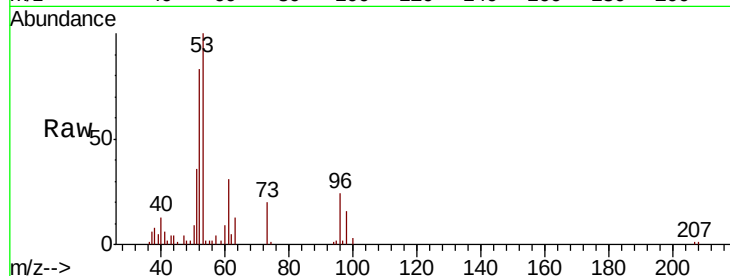
Tot Ion: 53 Resp: 80897

Ion Ratio Lower Upper

53 100

52 84.3 66.2 99.2

51 39.6 30.4 45.6



#16

Acetone

Concen: 83.500 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065080.D

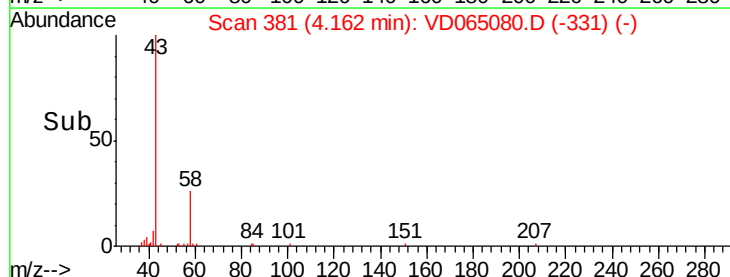
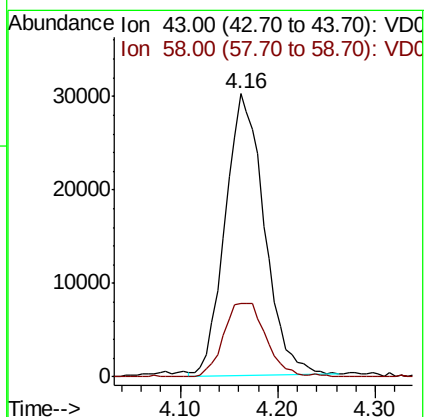
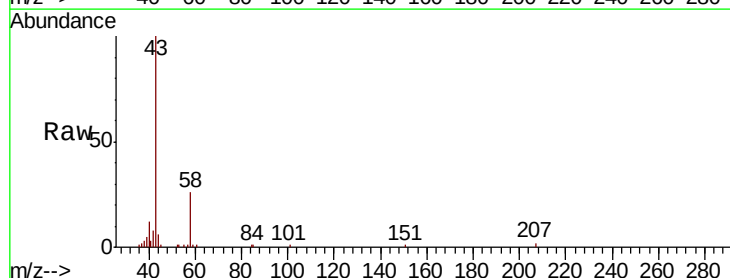
Acq: 06 Feb 2020 12:05

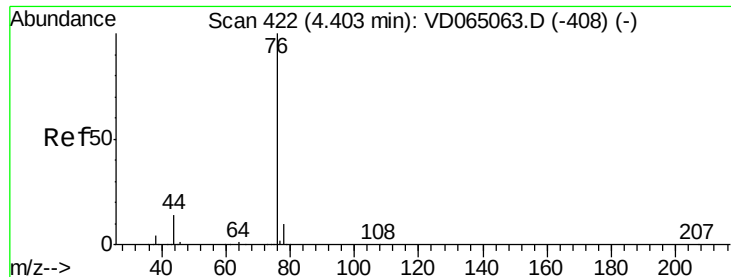
Tgt Ion: 43 Resp: 83809

Ion Ratio Lower Upper

43 100

58 26.2 23.5 35.3

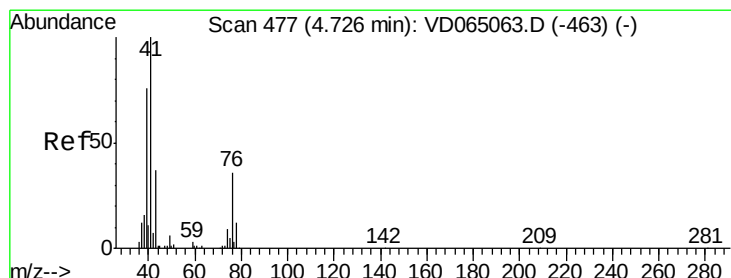
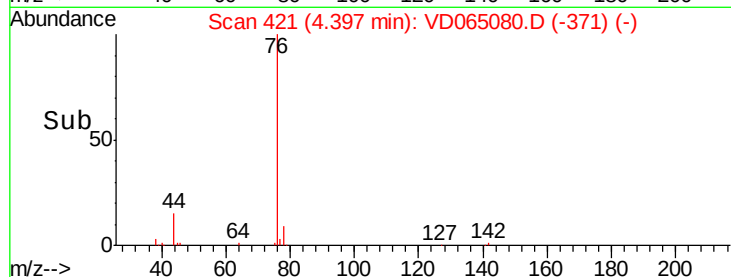
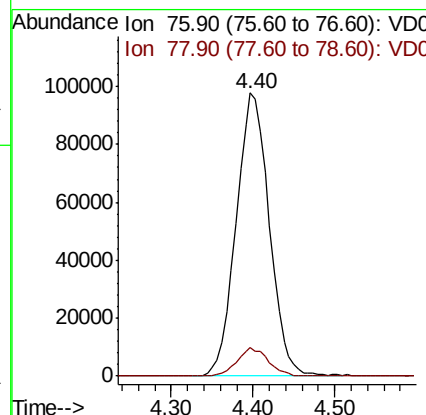
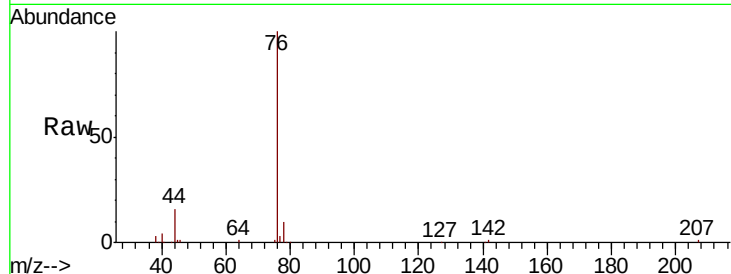




#17  
Carbon Disulfide  
Concen: 20.570 ug/l  
RT: 4.40 min Scan# 421  
Delta R.T. -0.01 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

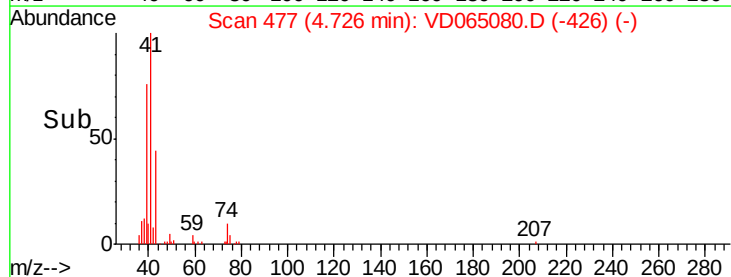
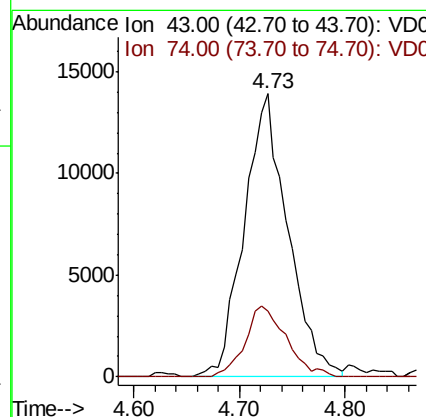
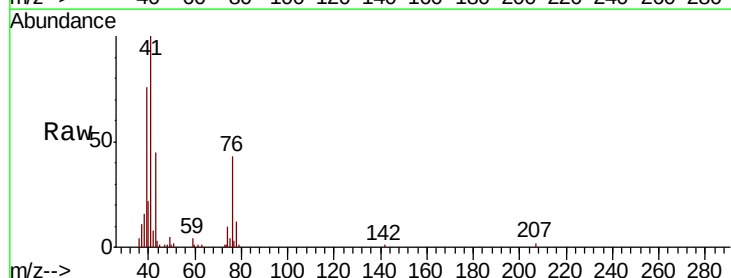
Instrument :  
MSVOA\_D  
ClientSampleId :

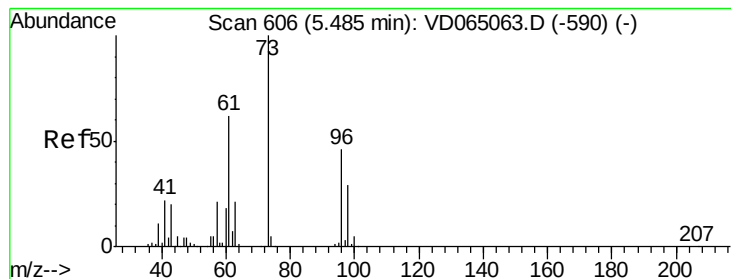
Tot Ion: 76 Resp: 275370  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.6 11.4



#18  
Methyl Acetate  
Concen: 19.095 ug/l  
RT: 4.73 min Scan# 477  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

Tgt Ion: 43 Resp: 40042  
Ion Ratio Lower Upper  
43 100  
74 23.6 18.7 28.1



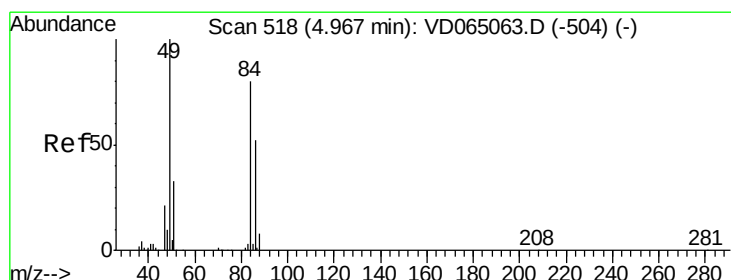
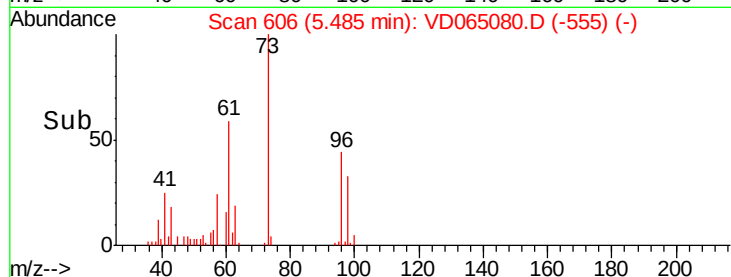
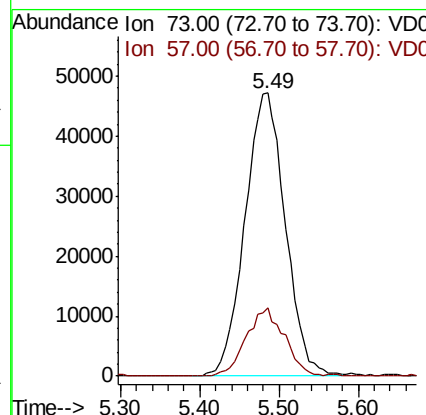
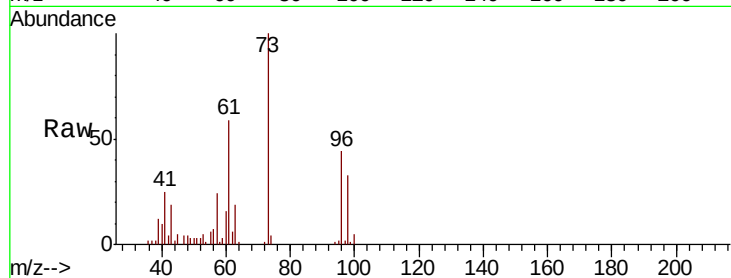


#19

Methyl tert-butyl Ether  
 Concen: 18.070 ug/l  
 RT: 5.49 min Scan# 606  
 Delta R.T. 0.00 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

Instrument :  
 MSVOA\_D  
 ClientSampled :

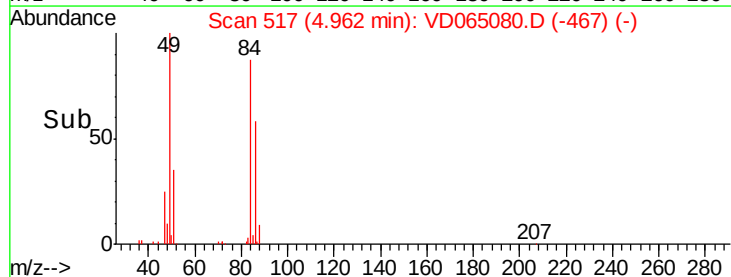
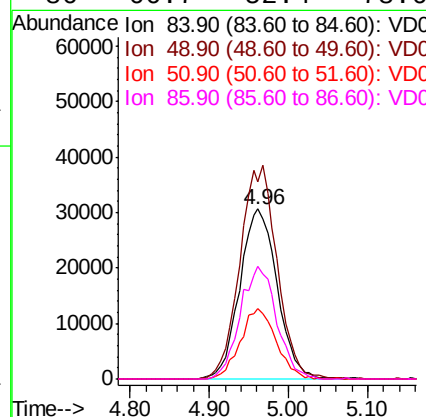
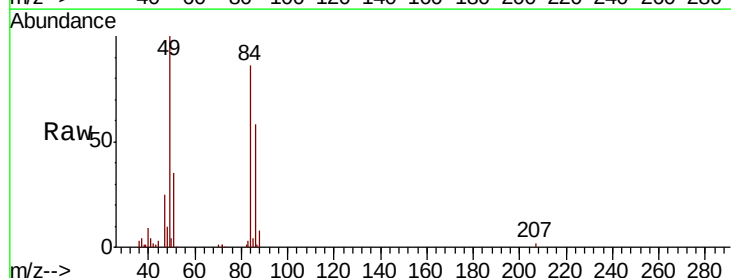
Tot Ion: 73 Resp: 166610  
 Ion Ratio Lower Upper  
 73 100  
 57 24.2 16.8 25.2

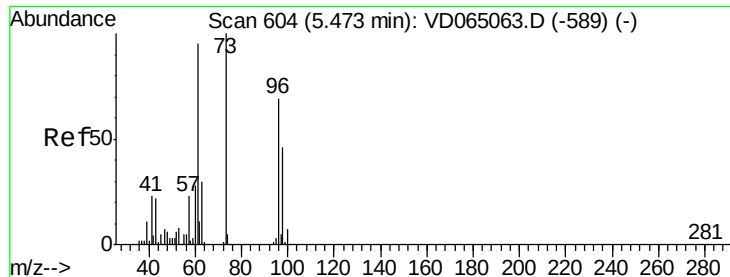


#20

Methylene Chloride  
 Concen: 20.411 ug/l  
 RT: 4.96 min Scan# 517  
 Delta R.T. -0.01 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

Tgt Ion: 84 Resp: 100513  
 Ion Ratio Lower Upper  
 84 100  
 49 116.0 100.4 150.6  
 51 41.2 32.7 49.1  
 86 66.7 52.4 78.6





#21

trans-1,2-Dichloroethene

Concen: 19.782 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

ClientSampleId :

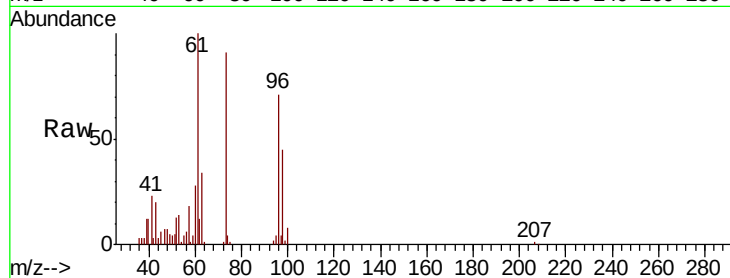
Tot Ion: 96 Resp: 93318

Ion Ratio Lower Upper

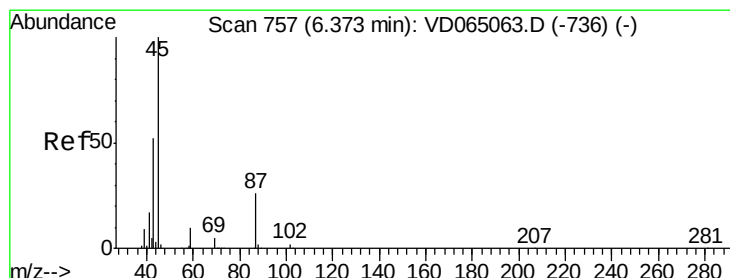
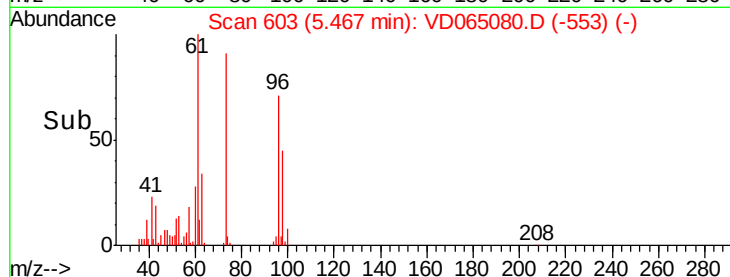
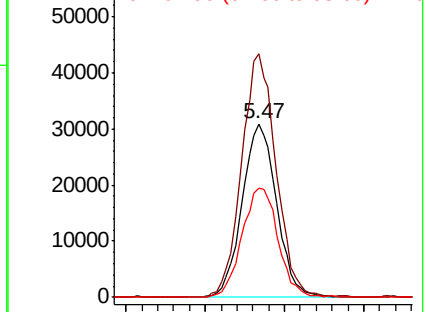
96 100

61 140.6 109.5 164.3

98 63.0 53.7 80.5



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: 20.299 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Tgt Ion: 45 Resp: 265320

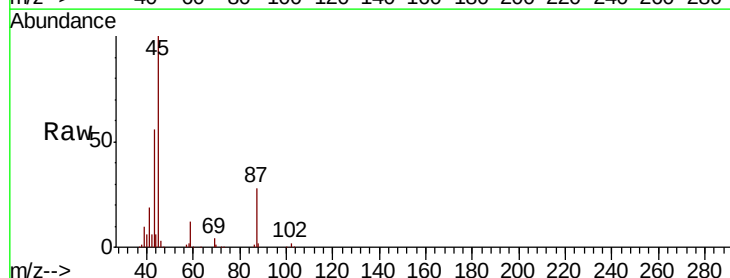
Ion Ratio Lower Upper

45 100

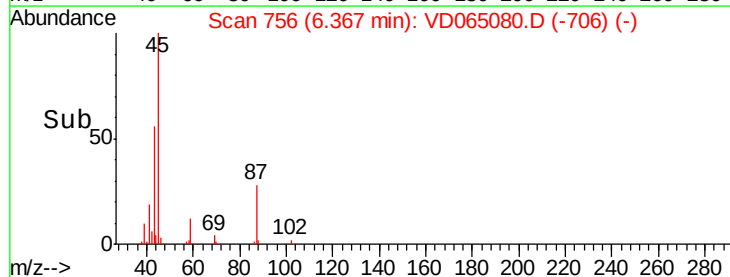
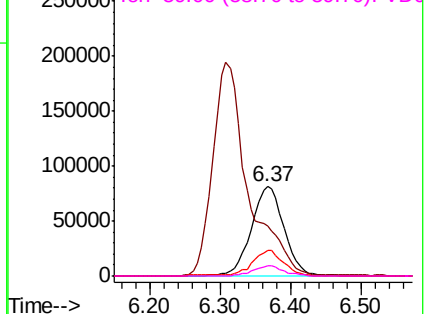
43 55.2 41.3 61.9

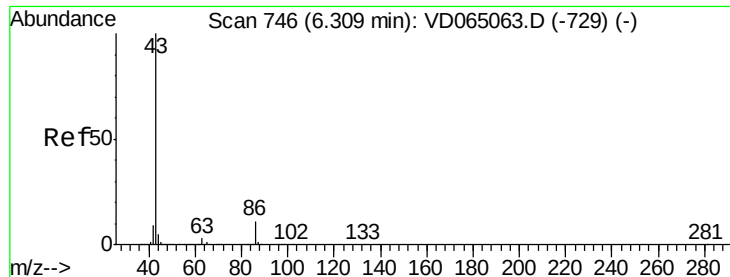
87 28.3 21.0 31.6

59 12.1 8.2 12.4



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: 93.580 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

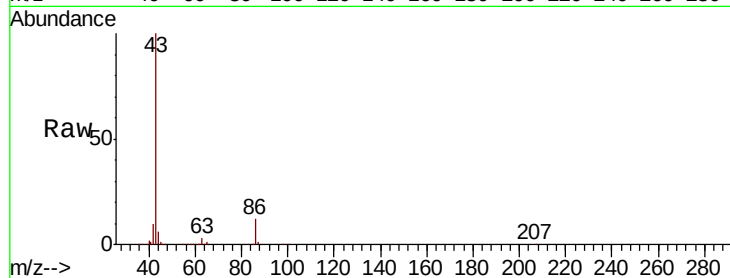
ClientSampled :

Tot Ion: 43 Resp: 681775

Ion Ratio Lower Upper

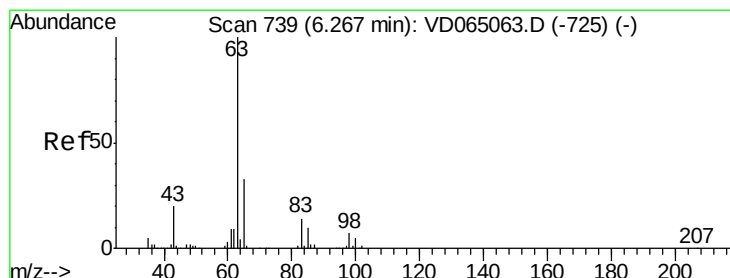
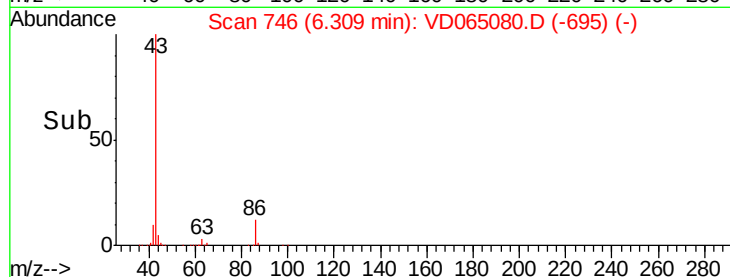
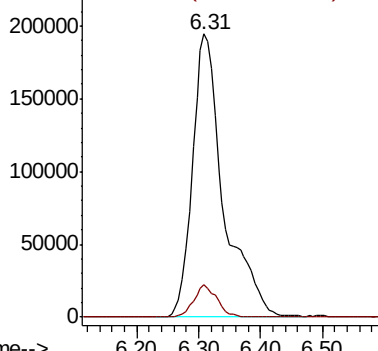
43 100

86 11.6 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.650 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

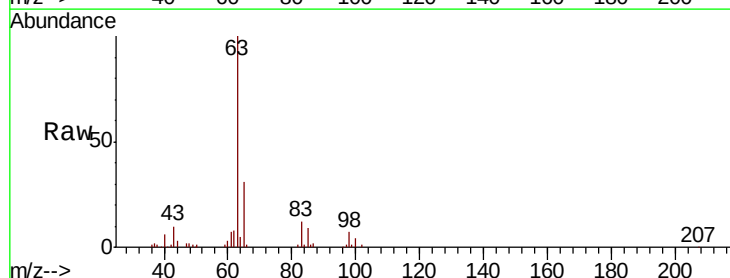
Tgt Ion: 63 Resp: 163375

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

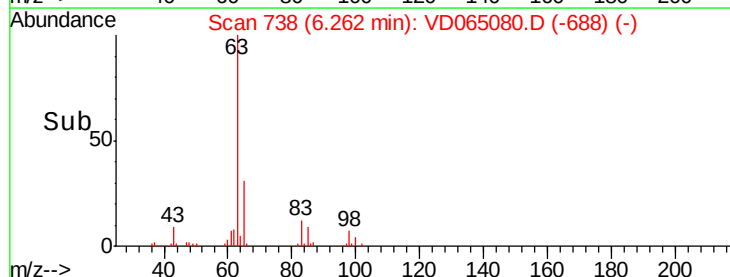
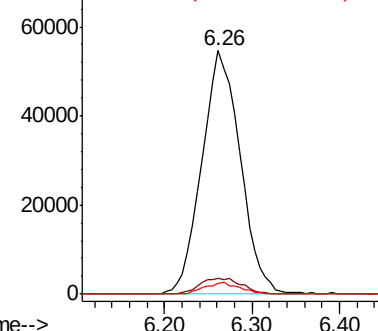
100 4.4 2.5 7.6



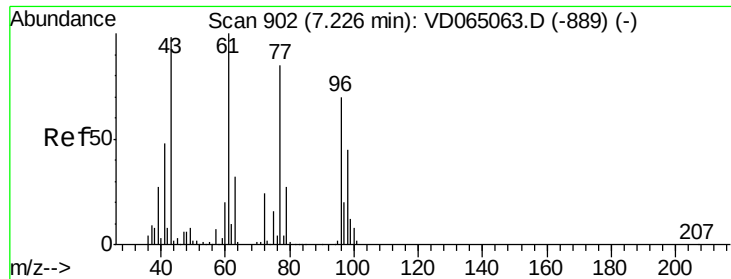
Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC







#25

2-Butanone

Concen: 85.891 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

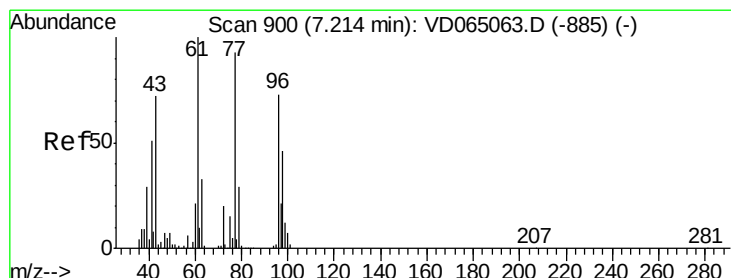
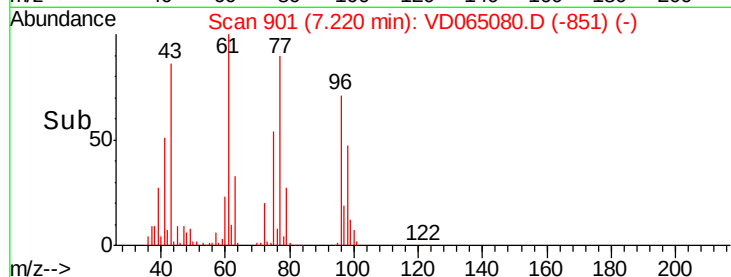
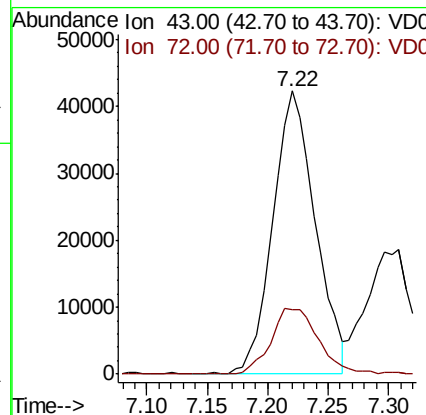
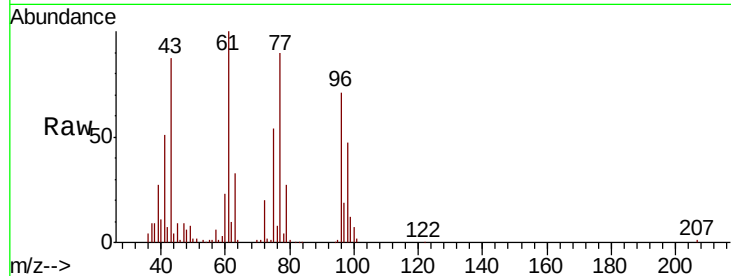
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 102835

Ion Ratio Lower Upper

43 100

72 22.9 19.9 29.9



#26

2,2-Dichloropropane

Concen: 20.877 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065080.D

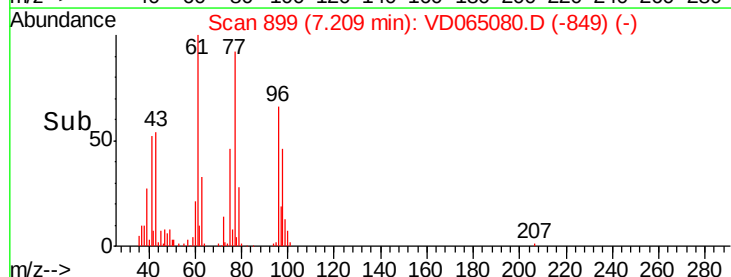
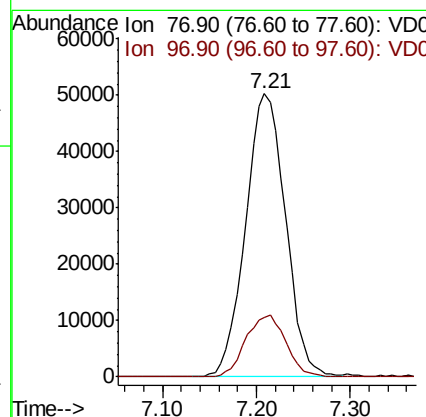
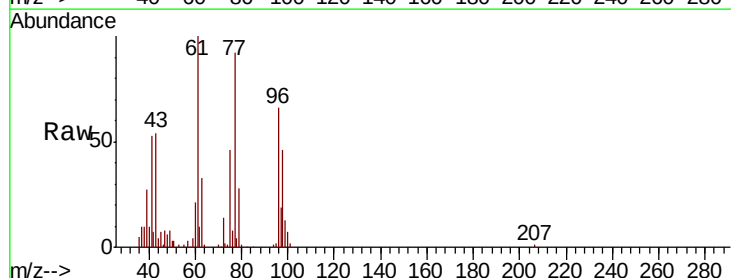
Acq: 06 Feb 2020 12:05

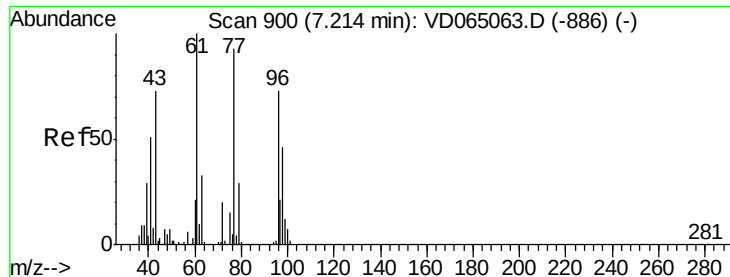
Tgt Ion: 77 Resp: 148045

Ion Ratio Lower Upper

77 100

97 21.8 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 19.854 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :  
MSVOA\_D  
ClientSampleId :

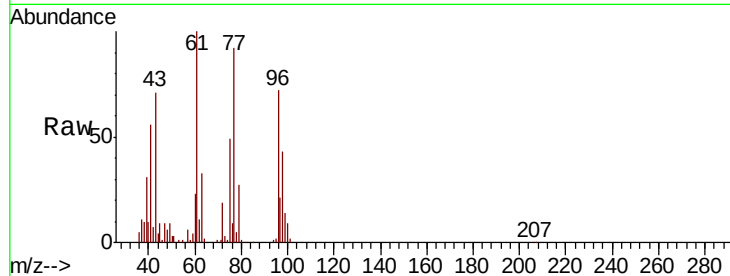
Tot Ion: 96 Resp: 99498

Ion Ratio Lower Upper

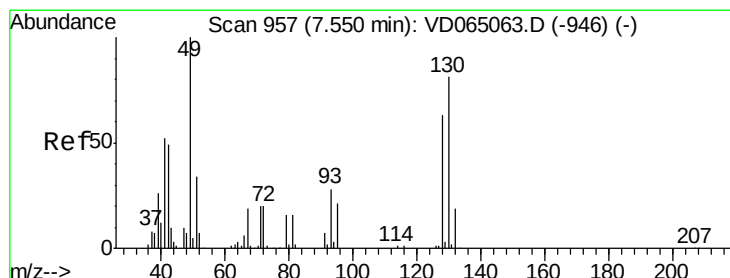
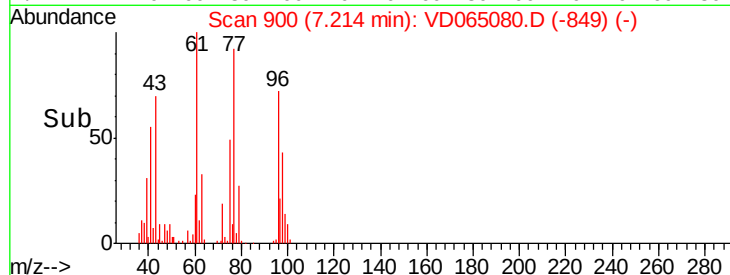
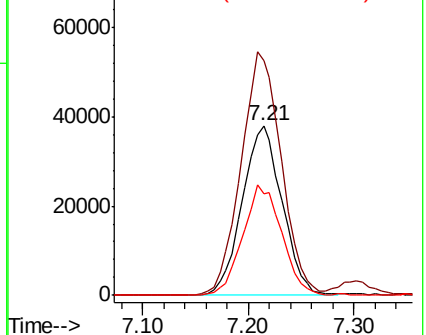
96 100

61 144.8 0.0 292.8

98 63.7 0.0 128.8



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



#28

Bromochloromethane

Concen: 19.316 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.01 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

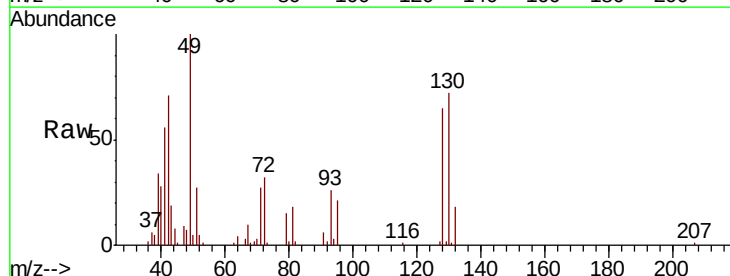
Tgt Ion: 49 Resp: 57930

Ion Ratio Lower Upper

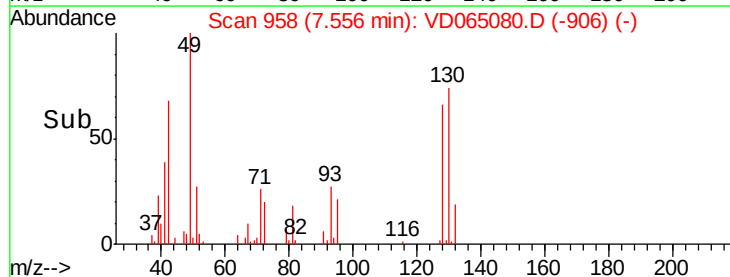
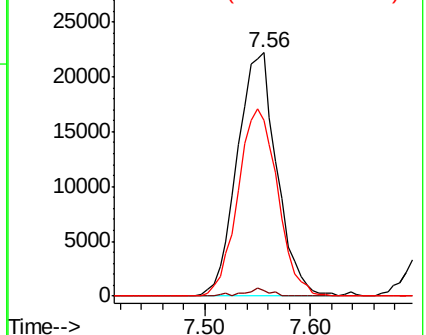
49 100

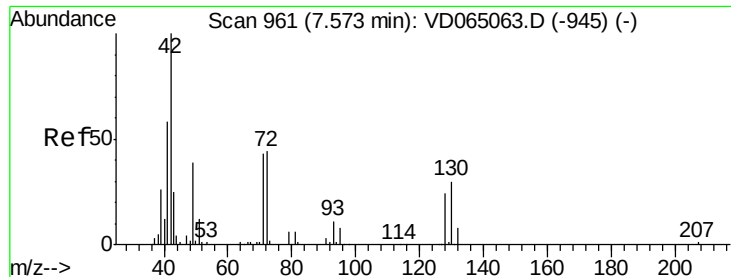
129 1.7 0.0 4.4

130 77.0 63.8 95.8



Abundance Ion 48.90 (48.60 to 49.60): VDC  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 89.513 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

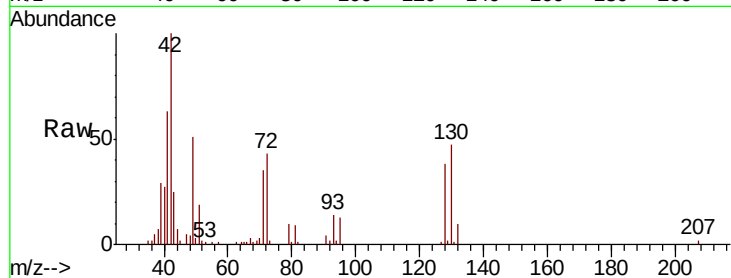
Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

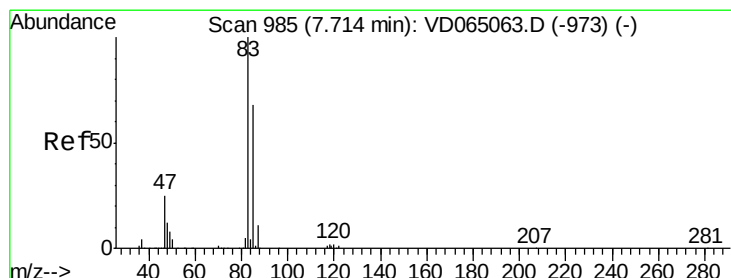
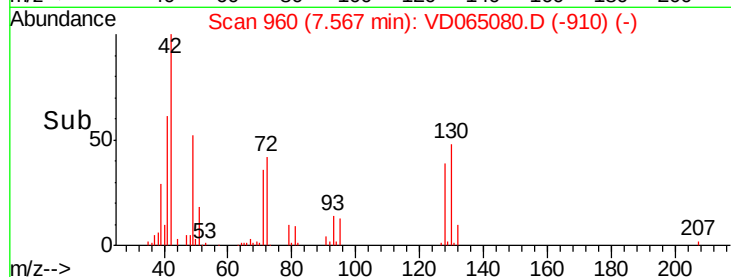
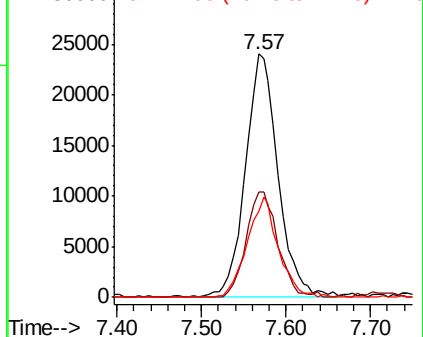
Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 42 Resp: 64810

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 42.0  | 34.2  | 51.4  |
| 71  | 39.0  | 31.8  | 47.6  |



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: 20.624 ug/l

RT: 7.71 min Scan# 985

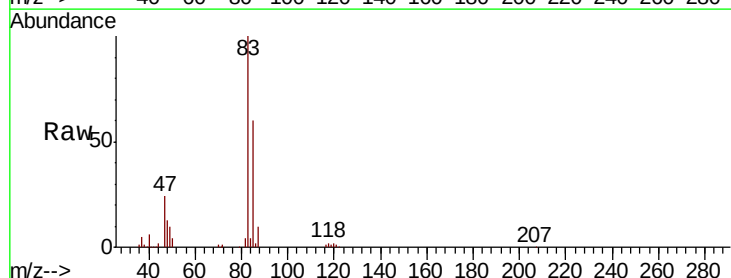
Delta R.T. 0.00 min

Lab File: VD065080.D

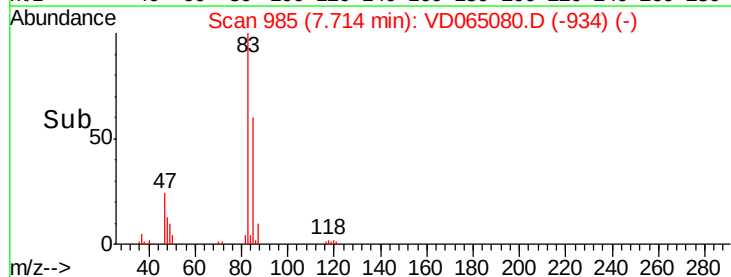
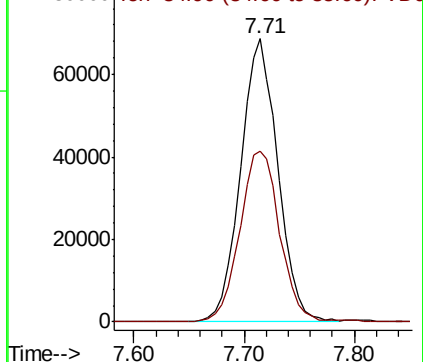
Acq: 06 Feb 2020 12:05

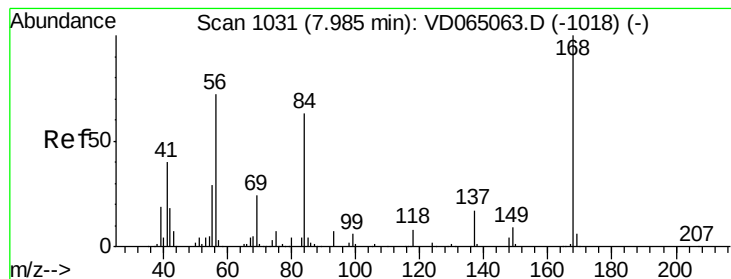
Tgt Ion: 83 Resp: 162466

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 60.3  | 54.2  | 81.4  |



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





#31

Cyclohexane

Concen: 19.557 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

ClientSampleId :

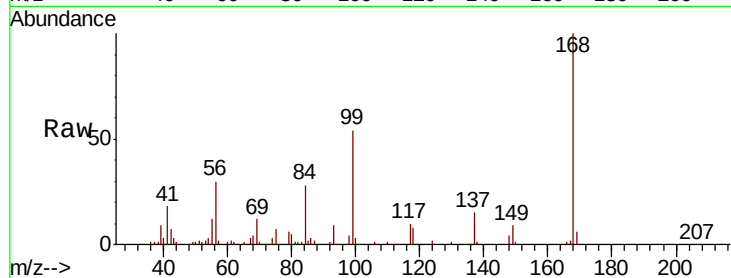
Tot Ion: 56 Resp: 156187

Ion Ratio Lower Upper

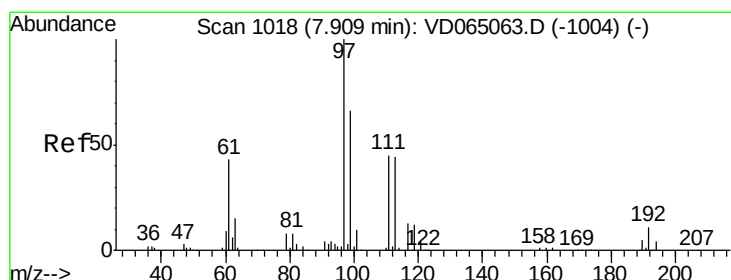
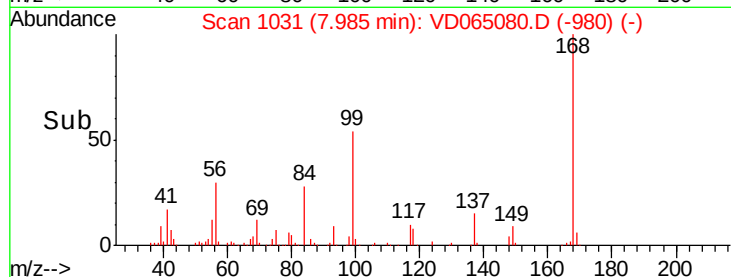
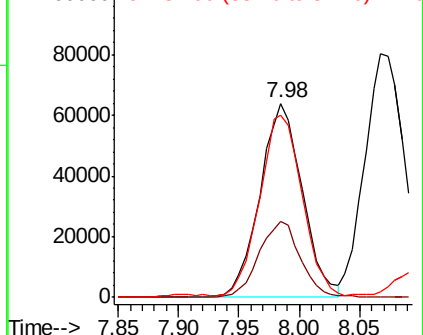
56 100

69 39.3 26.6 40.0

84 92.6 70.6 106.0



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: 20.519 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

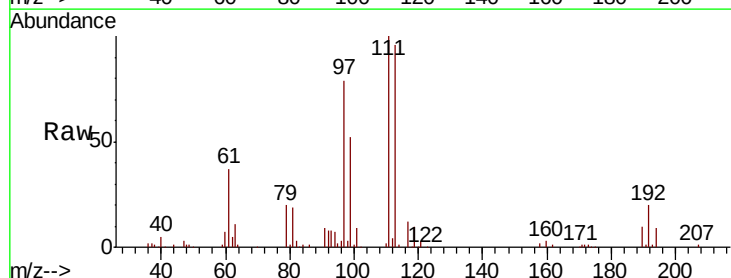
Tgt Ion: 97 Resp: 150572

Ion Ratio Lower Upper

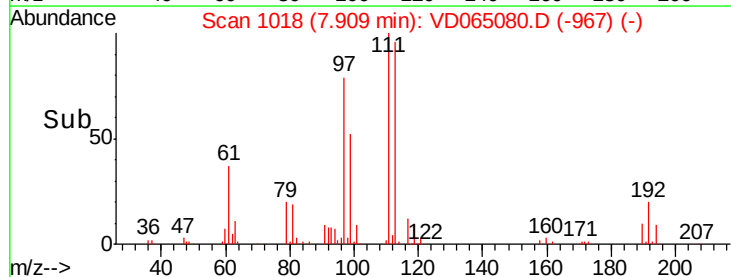
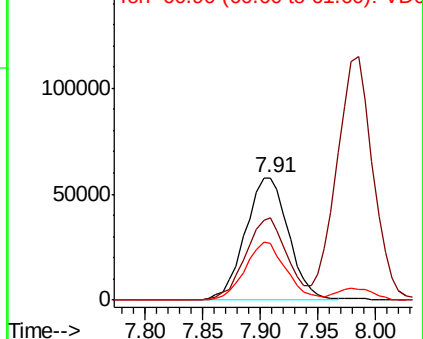
97 100

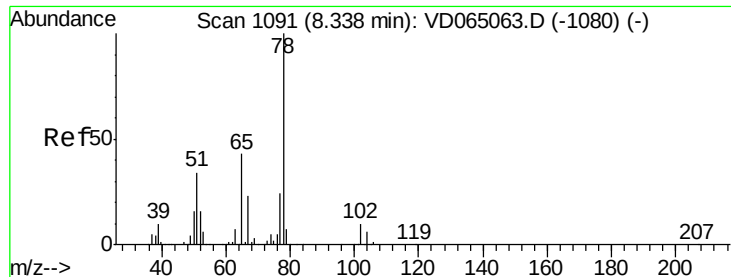
99 65.3 51.5 77.3

61 45.2 34.8 52.2



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

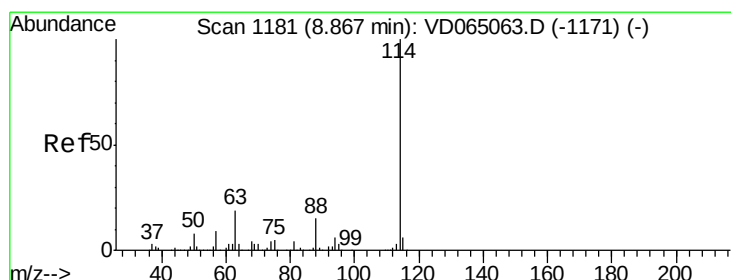
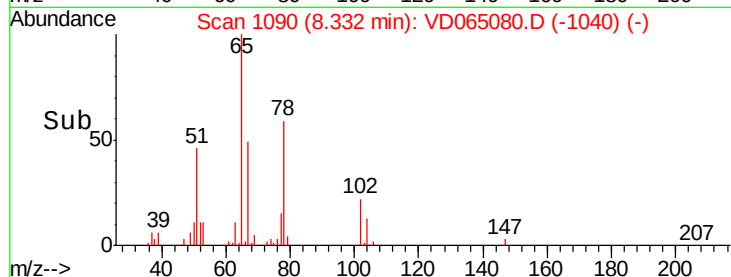
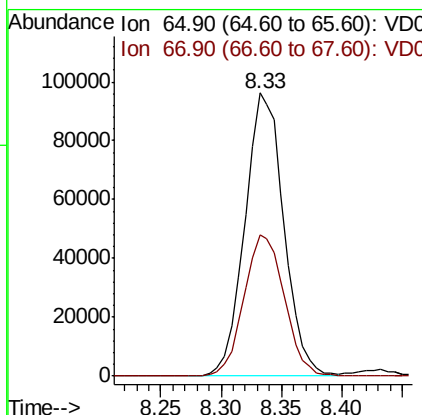
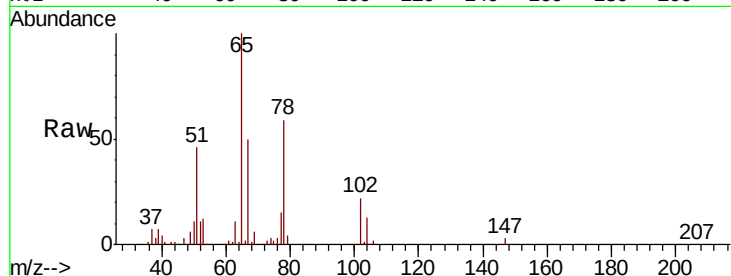




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.773 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. -0.01 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

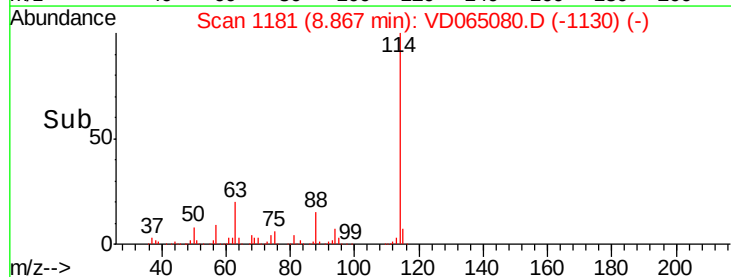
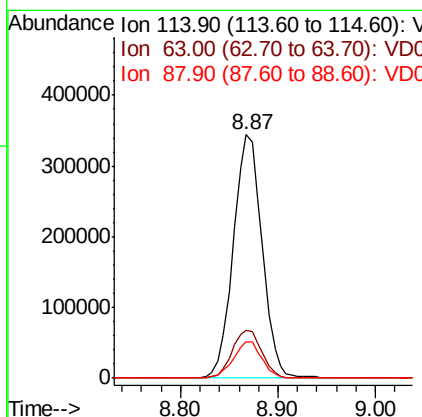
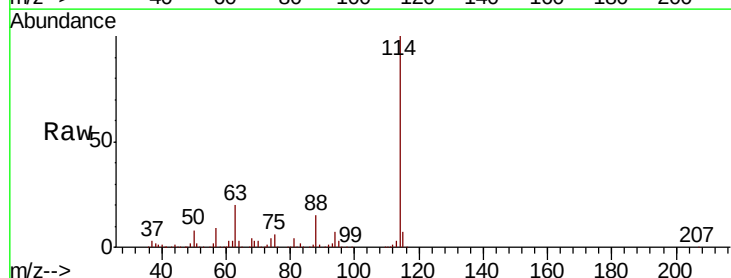
Instrument :  
 MSVOA\_D  
 ClientSampled :

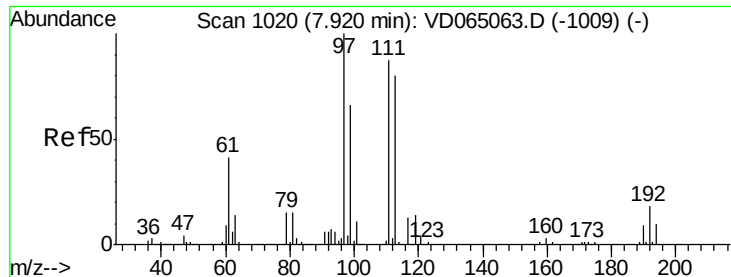
Tot Ion: 65 Resp: 215872  
 Ion Ratio Lower Upper  
 65 100  
 67 51.5 0.0 105.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. 0.00 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

Tgt Ion: 114 Resp: 703728  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 38.8  
 88 14.9 0.0 29.6

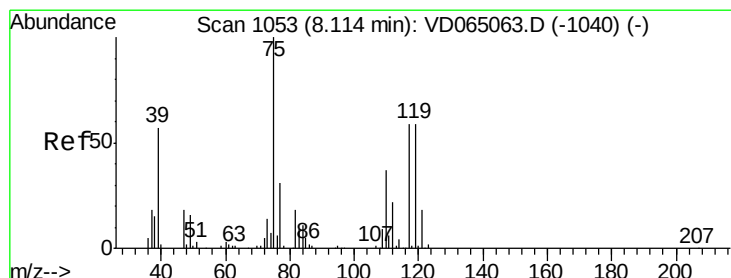
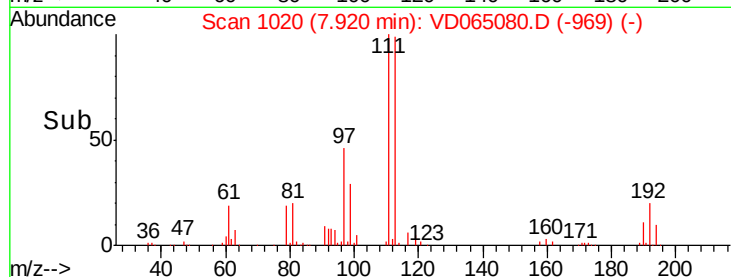
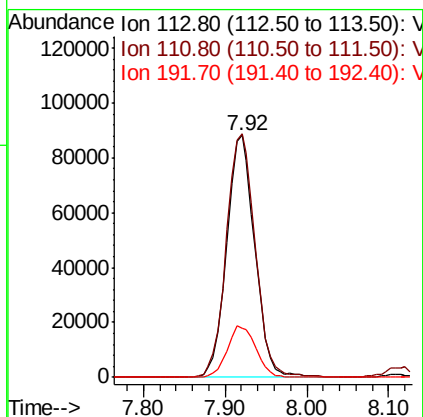
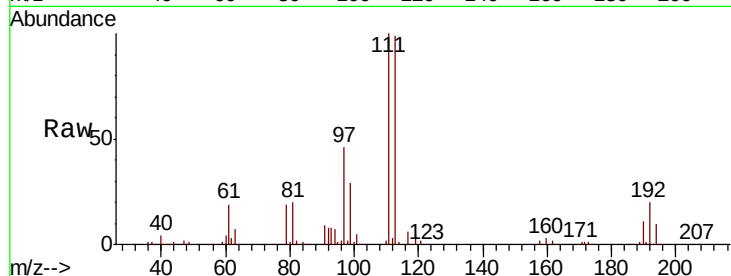




#35  
 Dibromofluoromethane  
 Concen: 53.725 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.00 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

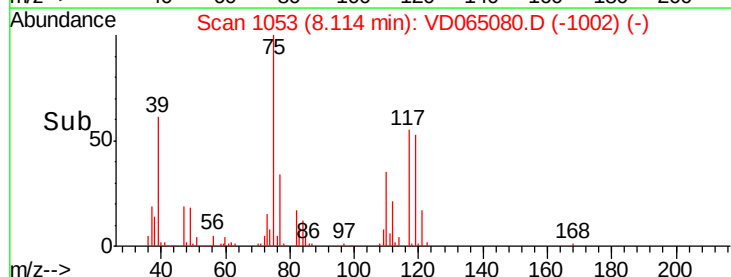
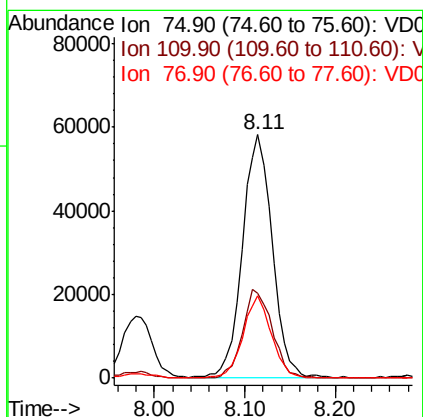
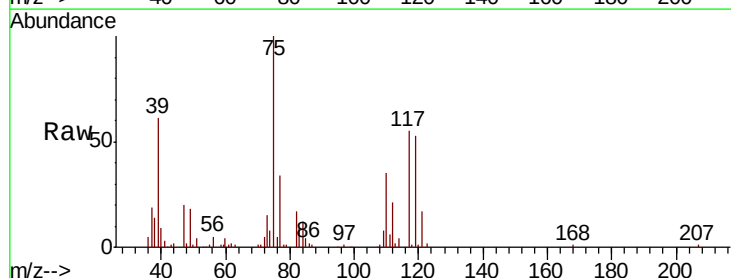
Instrument :  
 MSVOA\_D  
 ClientSampleId :

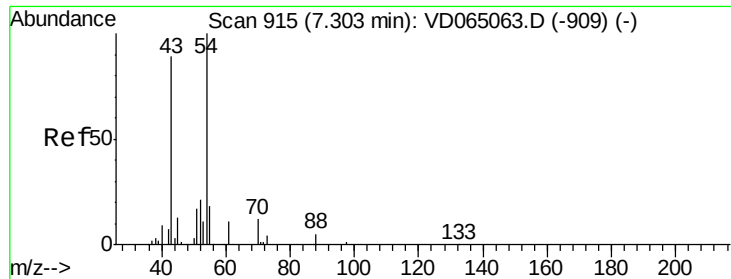
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.3 | 83.1  | 124.7 |
| 192     | 21.6  | 18.1  | 27.1  |



#36  
 1,1-Dichloropropene  
 Concen: 20.287 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. 0.00 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.9  | 18.1  | 54.3  |
| 77      | 32.2  | 24.7  | 37.1  |

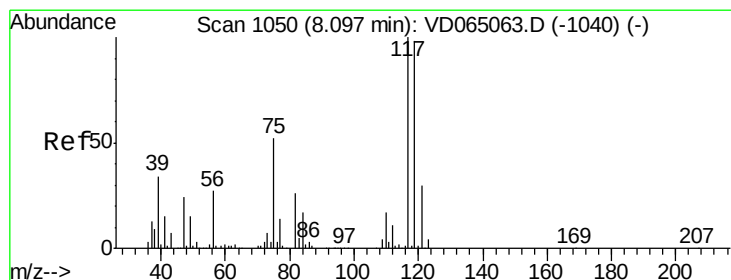
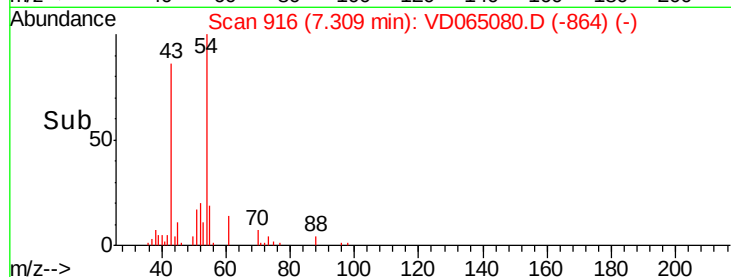
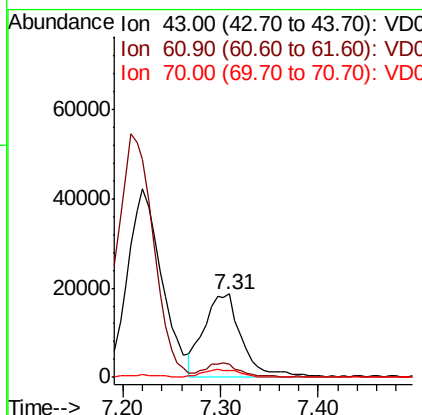
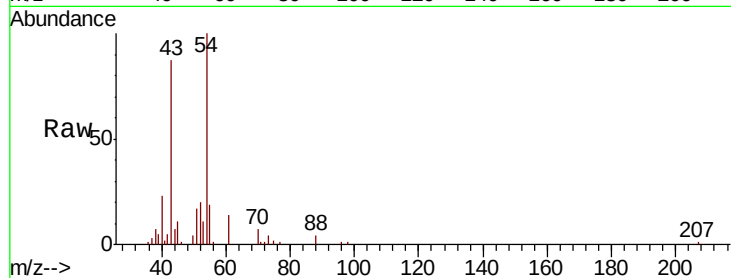




#37  
Ethyl Acetate  
Concen: 18.411 ug/l  
RT: 7.31 min Scan# 916  
Delta R.T. 0.01 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

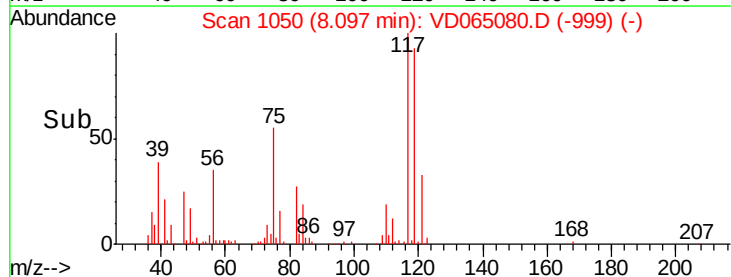
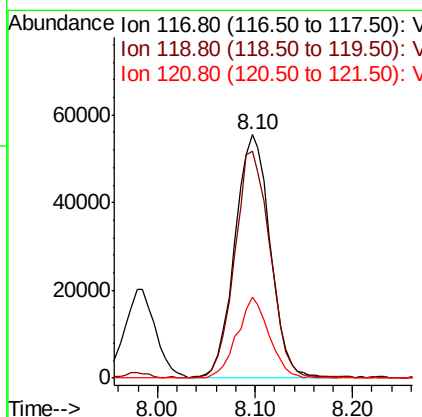
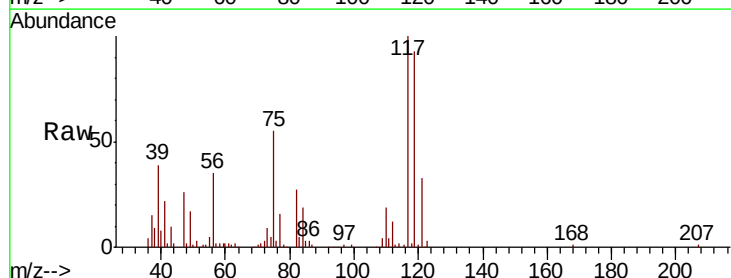
Instrument :  
MSVOA\_D  
ClientSampled :

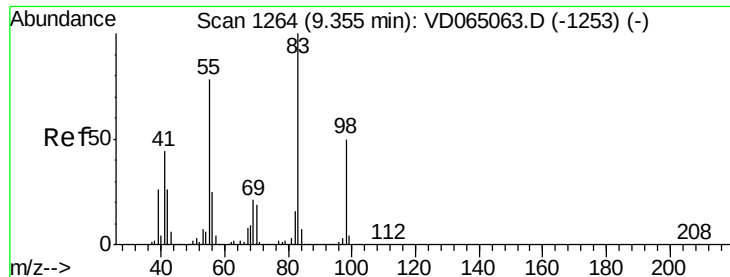
Tot Ion: 43 Resp: 49217  
Ion Ratio Lower Upper  
43 100  
61 14.4 11.0 16.4  
70 9.1 8.2 12.2



#38  
Carbon Tetrachloride  
Concen: 20.931 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

Tgt Ion: 117 Resp: 139884  
Ion Ratio Lower Upper  
117 100  
119 93.4 78.5 117.7  
121 33.4 23.8 35.6

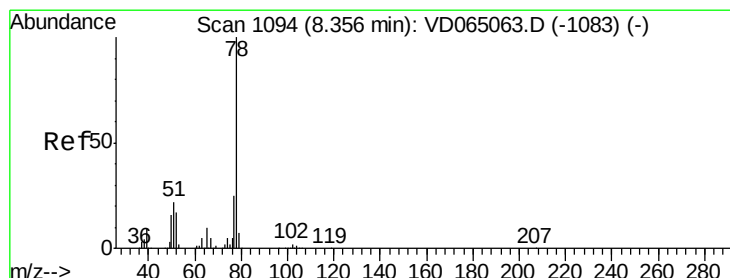
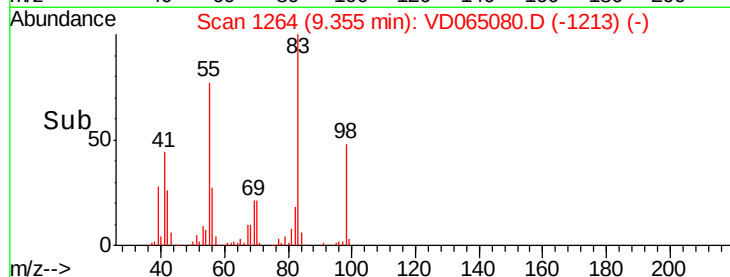
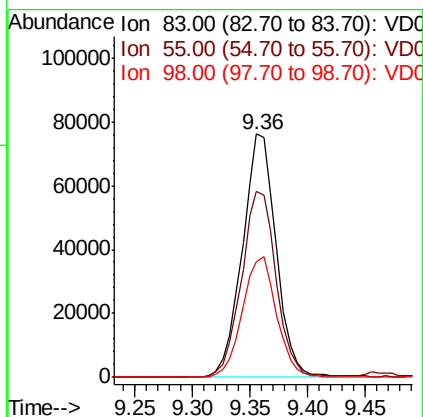
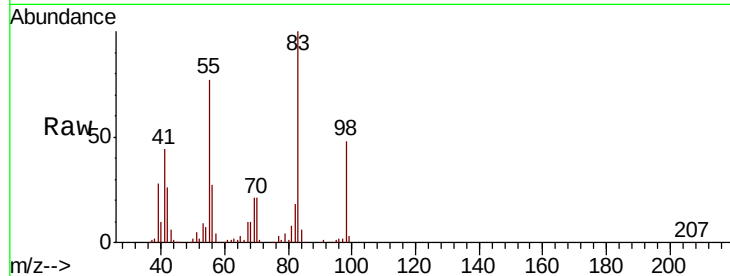




#39  
Methylvlcyclohexane  
Concen: 19.179 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

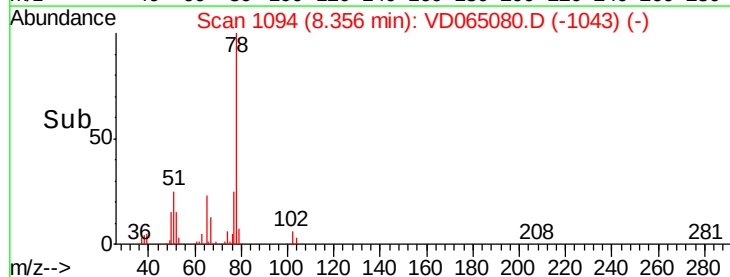
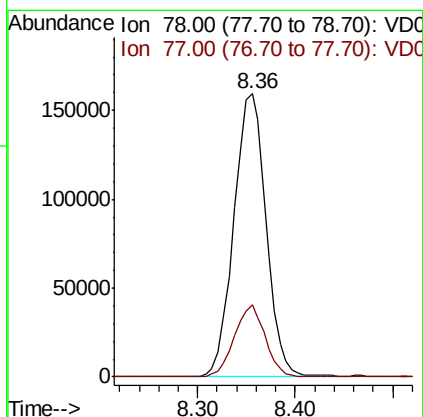
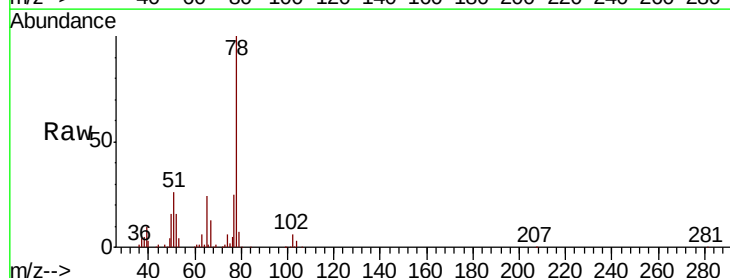
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 83 Resp: 154911  
Ion Ratio Lower Upper  
83 100  
55 76.6 62.0 93.0  
98 47.6 39.9 59.9

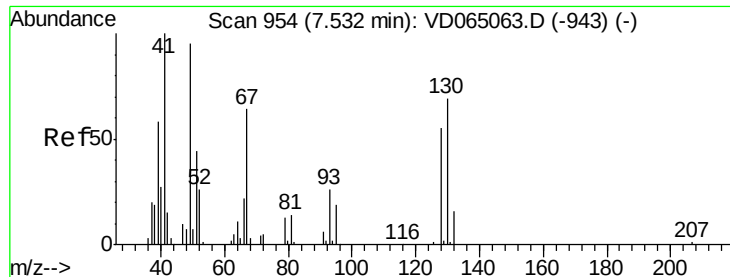


#40  
Benzene  
Concen: 20.359 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

Tgt Ion: 78 Resp: 367886  
Ion Ratio Lower Upper  
78 100  
77 25.2 19.6 29.4



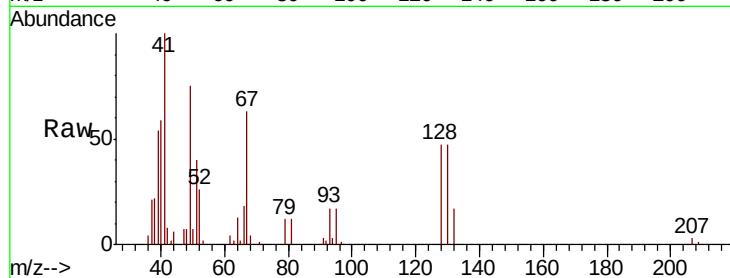




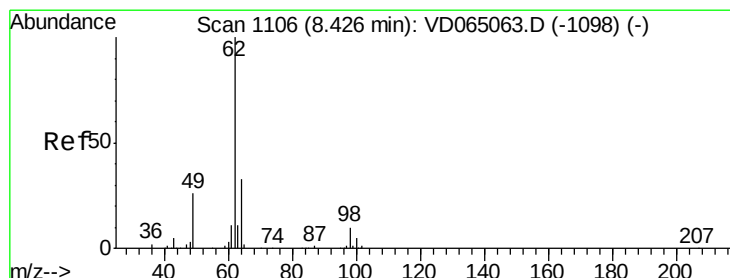
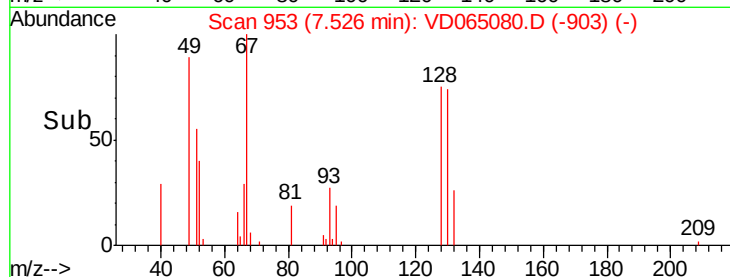
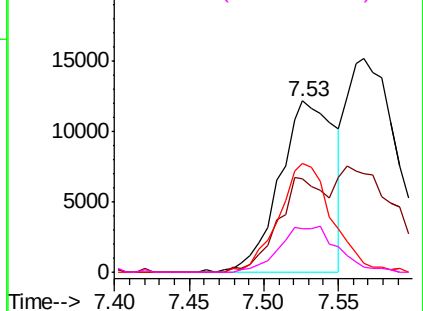
#41  
Methacrylonitrile  
Concen: 21.184 ug/l  
RT: 7.53 min Scan# 953  
Delta R.T. -0.01 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

Instrument :  
MSVOA\_D  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 31199 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 48.1  | 55.4  | 83.0# |
| 67       | 61.9  | 59.0  | 88.6  |
| 52       | 28.3  | 25.4  | 38.0  |

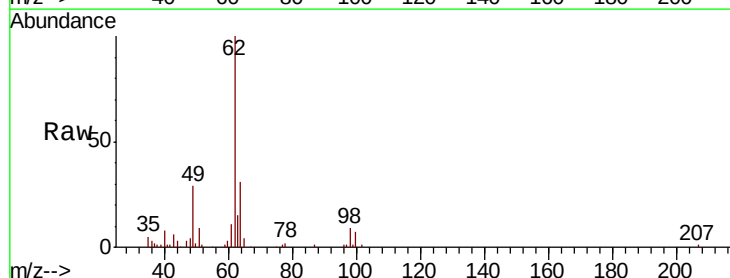


Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

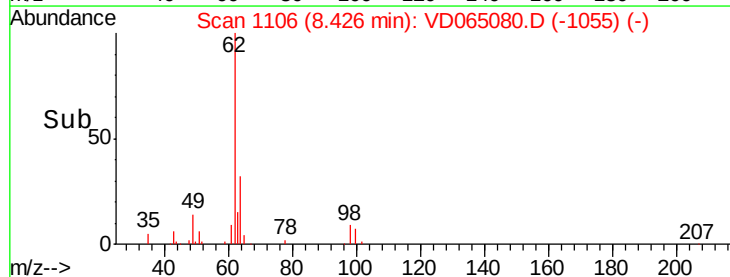
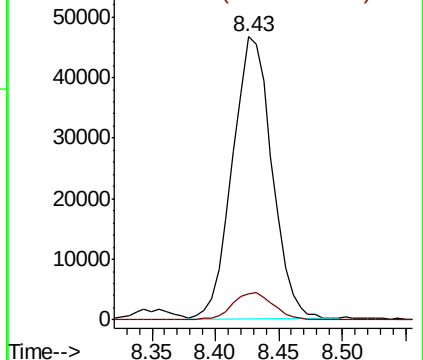


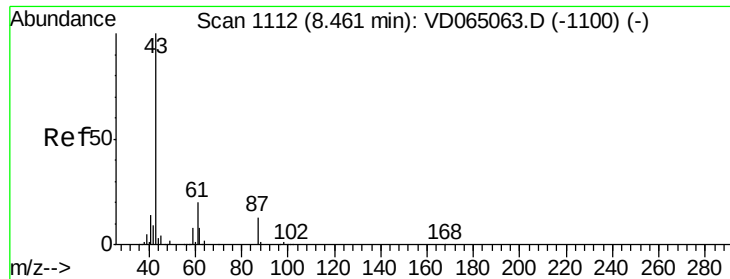
#42  
1,2-Dichloroethane  
Concen: 19.498 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 100393 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.0  | 0.0   | 18.6   |



Abundance Ion 61.90 (61.60 to 62.60): VDC  
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 18.068 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

ClientSampleId :

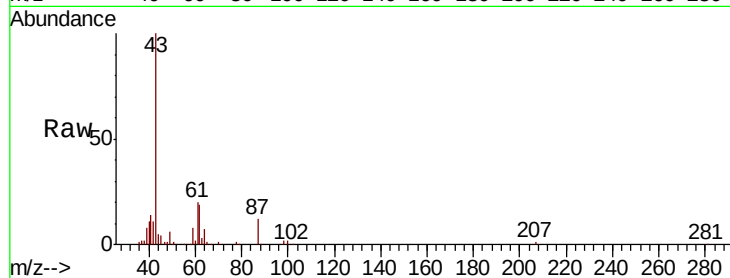
Tot Ion: 43 Resp: 92396

Ion Ratio Lower Upper

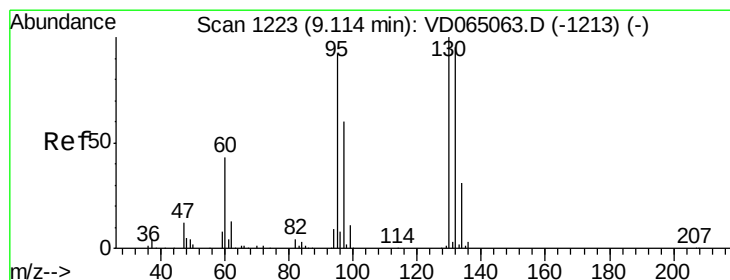
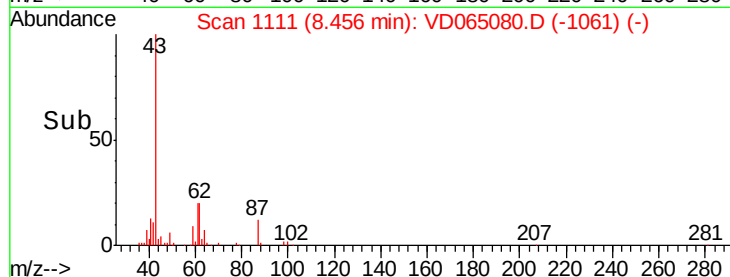
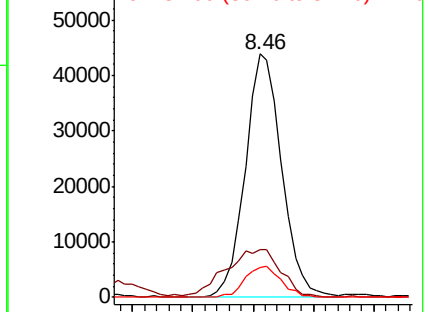
43 100

61 29.8 24.0 36.0

87 12.7 10.2 15.4



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: 19.919 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065080.D

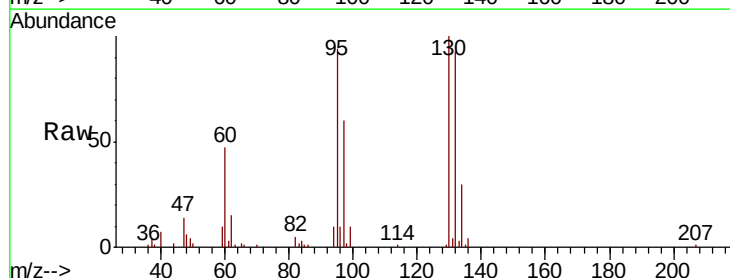
Acq: 06 Feb 2020 12:05

Tgt Ion:130 Resp: 103314

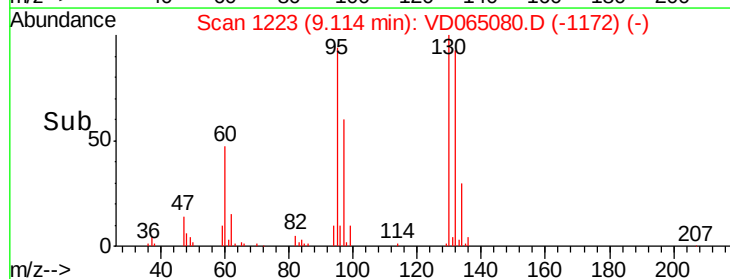
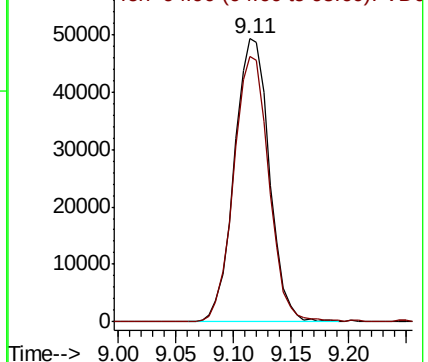
Ion Ratio Lower Upper

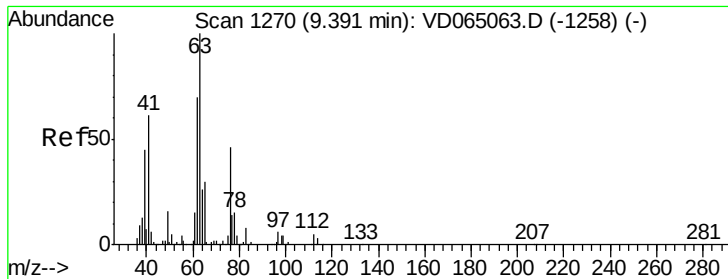
130 100

95 93.9 0.0 185.0



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

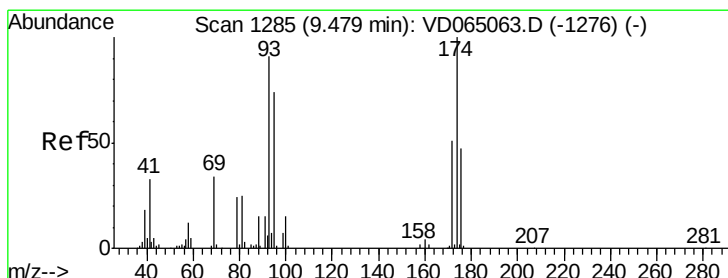
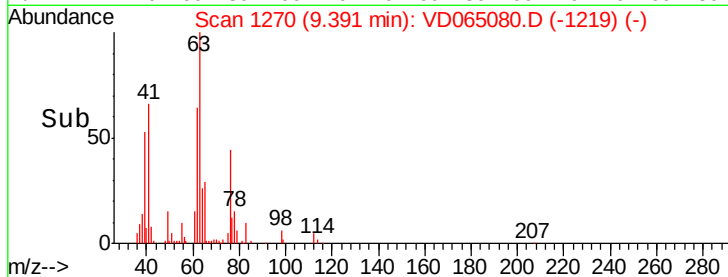
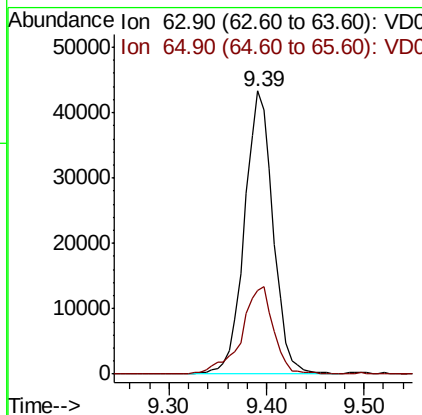
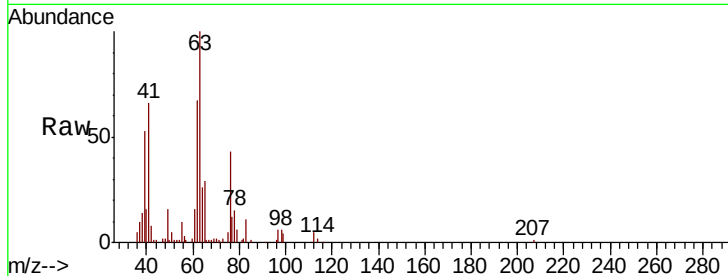




#45  
 1,2-Dichloropropane  
 Concen: 20.543 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. 0.00 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

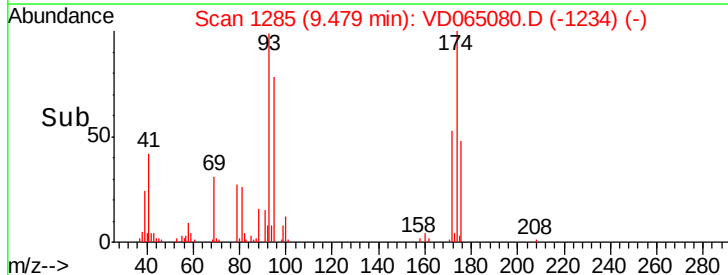
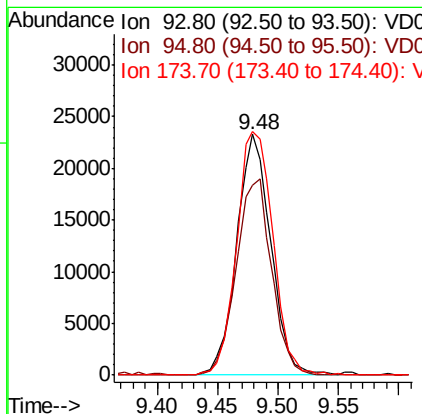
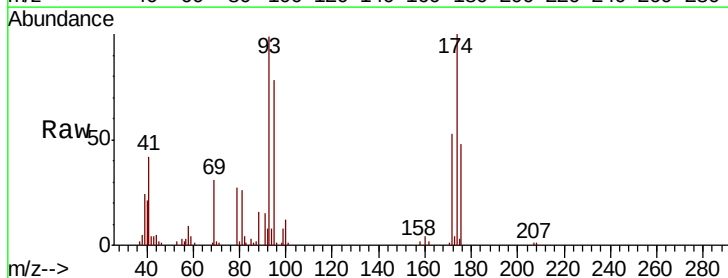
Instrument :  
 MSVOA\_D  
 ClientSampleId :

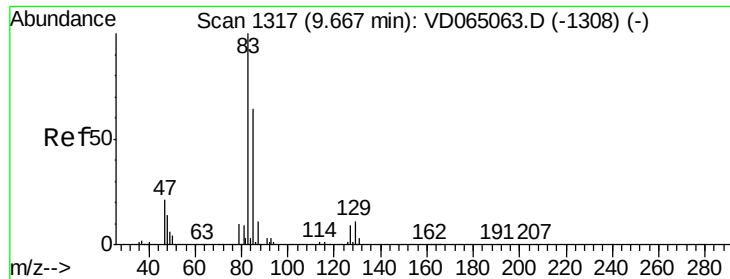
Tot Ion: 63 Resp: 89000  
 Ion Ratio Lower Upper  
 63 100  
 65 29.4 23.9 35.9



#46  
 Dibromomethane  
 Concen: 20.144 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. 0.00 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

Tgt Ion: 93 Resp: 45861  
 Ion Ratio Lower Upper  
 93 100  
 95 84.4 66.5 99.7  
 174 107.8 89.8 134.8





#47

Bromodichloromethane

Concen: 20.475 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

ClientSampleId :

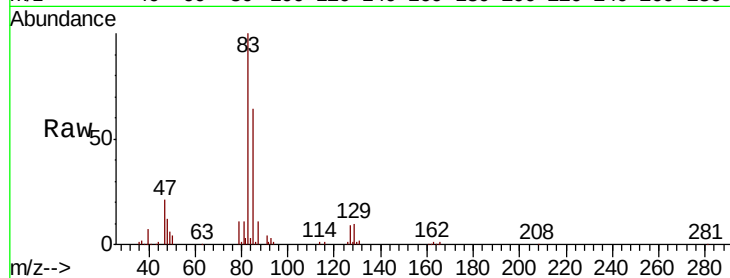
Tot Ion: 83 Resp: 122823

Ion Ratio Lower Upper

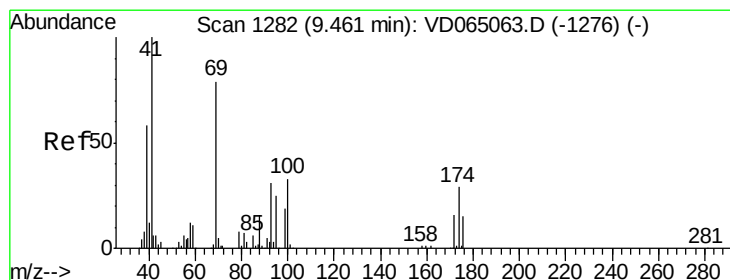
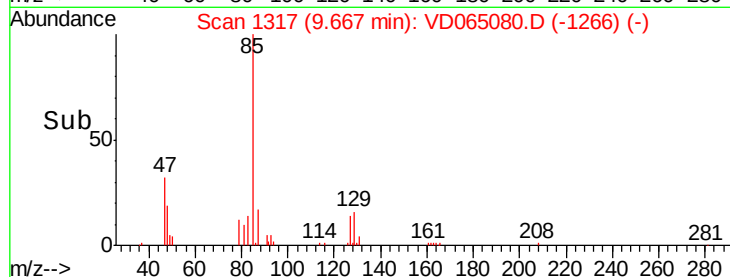
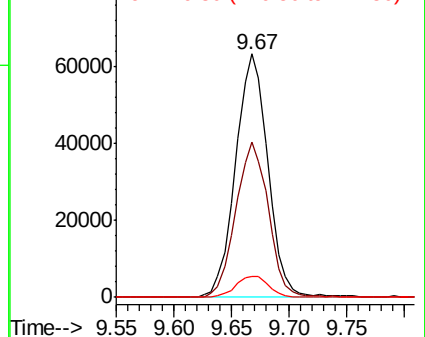
83 100

85 63.7 51.0 76.6

127 8.6 7.3 10.9



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): VDC



#48

Methyl methacrylate

Concen: 17.011 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

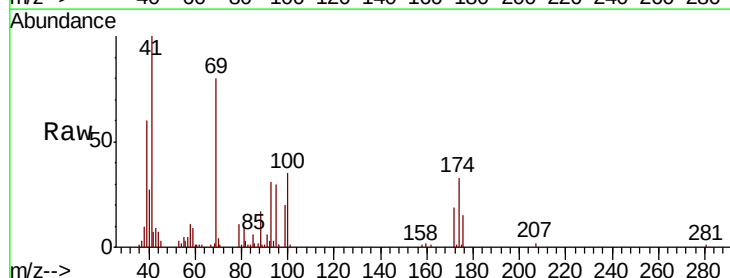
Tgt Ion: 41 Resp: 41861

Ion Ratio Lower Upper

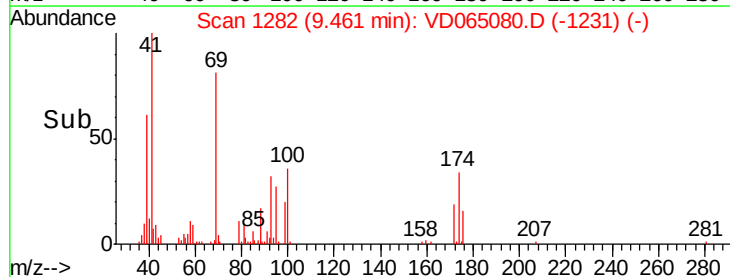
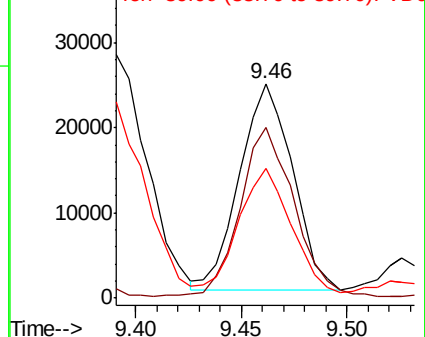
41 100

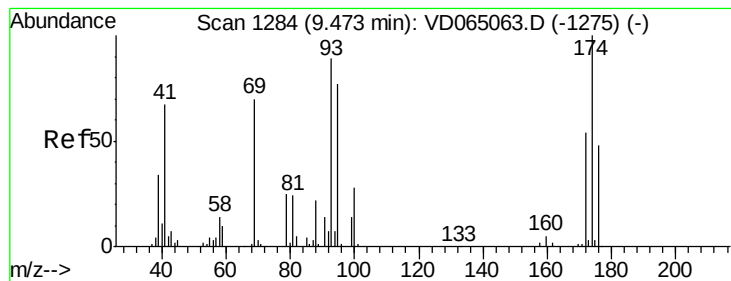
69 85.1 67.5 101.3

39 59.8 47.0 70.4



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: 366.699 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :  
MSVOA\_D  
ClientSampleId :

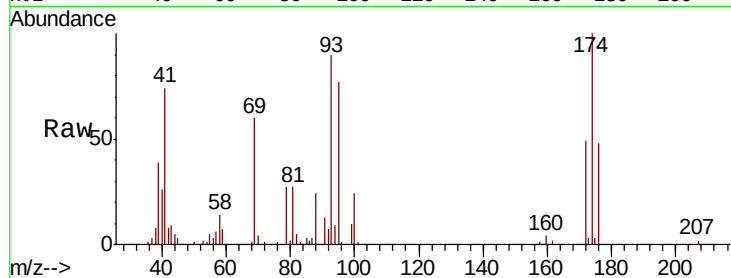
Tot Ion: 88 Resp: 9888

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 31.3  | 27.7  | 41.5  |
| 58  | 69.2  | 55.5  | 83.3  |

88 100

43 31.3 27.7 41.5

58 69.2 55.5 83.3

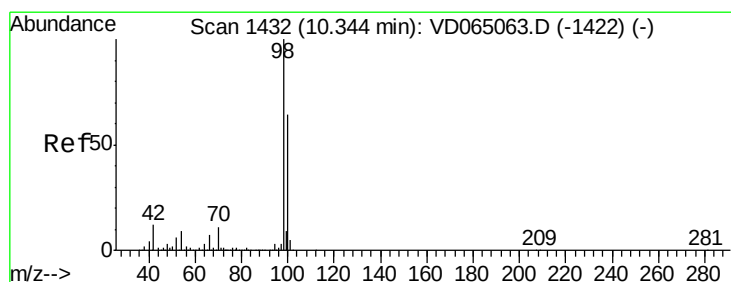
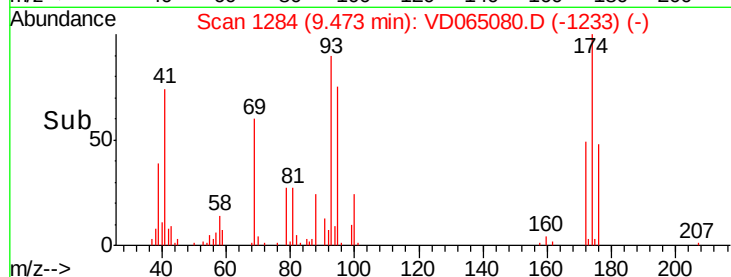
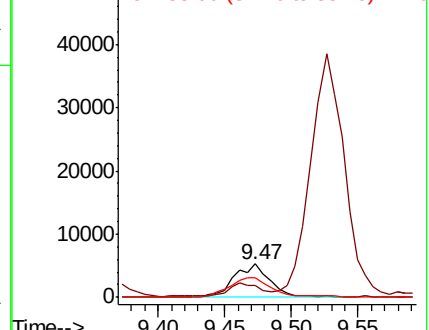


Abundance

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: 53.834 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065080.D

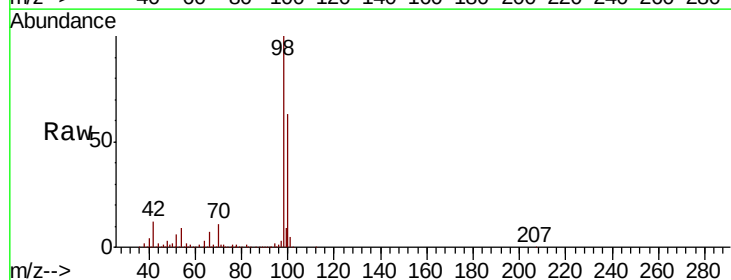
Acq: 06 Feb 2020 12:05

Tgt Ion: 98 Resp: 841331

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 65.5  | 52.1  | 78.1  |

98 100

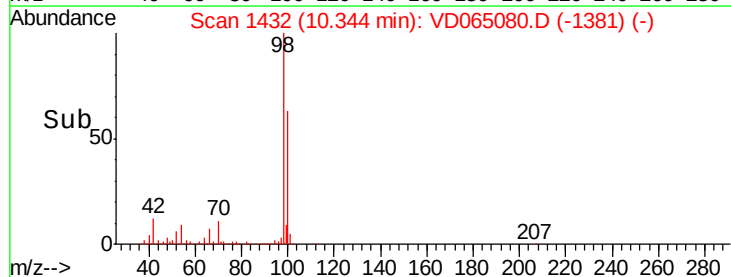
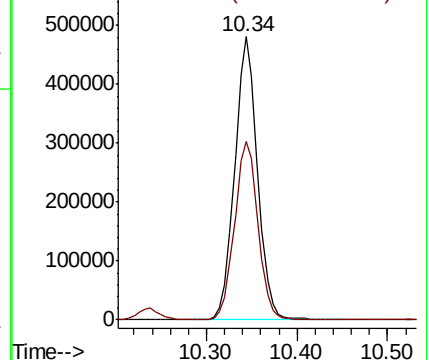
100 65.5 52.1 78.1

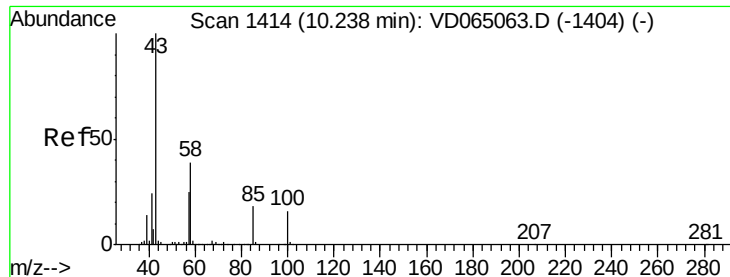


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 89.136 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

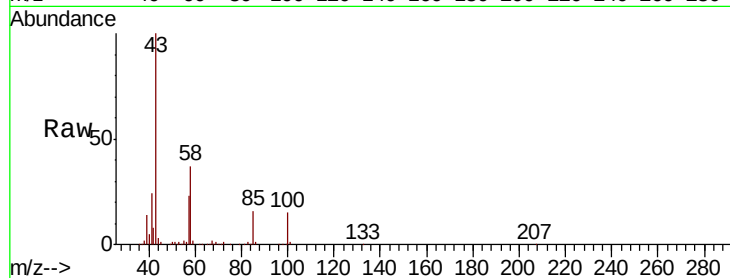
ClientSampled :

Tot Ion: 43 Resp: 224366

Ion Ratio Lower Upper

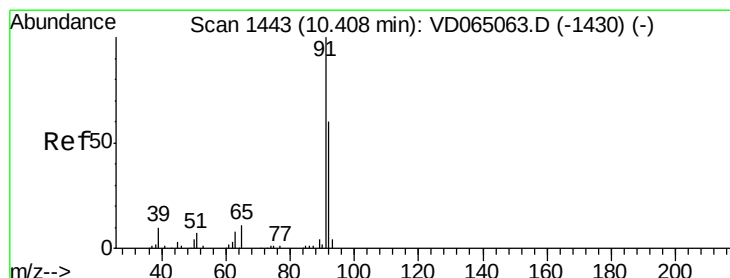
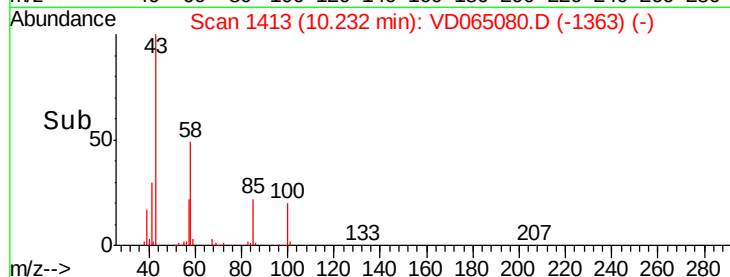
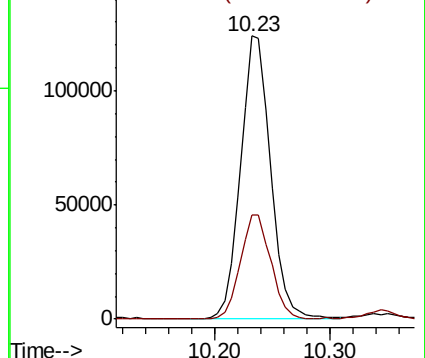
43 100

58 37.5 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.449 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065080.D

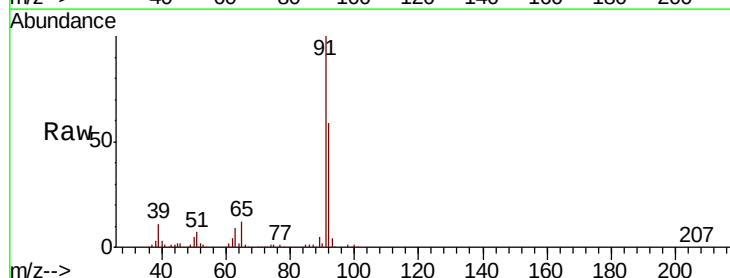
Acq: 06 Feb 2020 12:05

Tgt Ion: 92 Resp: 235836

Ion Ratio Lower Upper

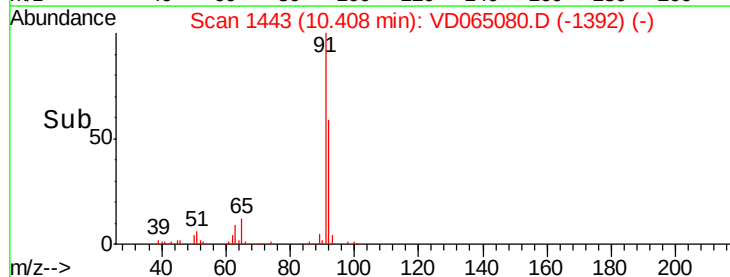
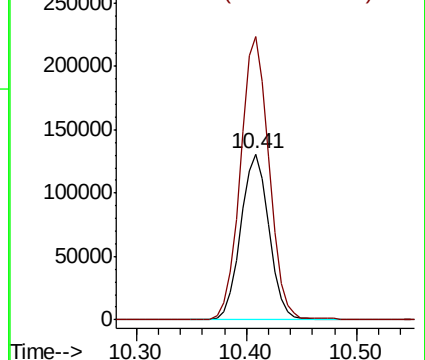
92 100

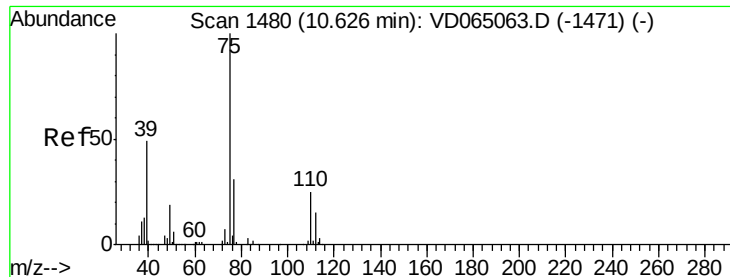
91 173.0 135.3 202.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 19.527 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

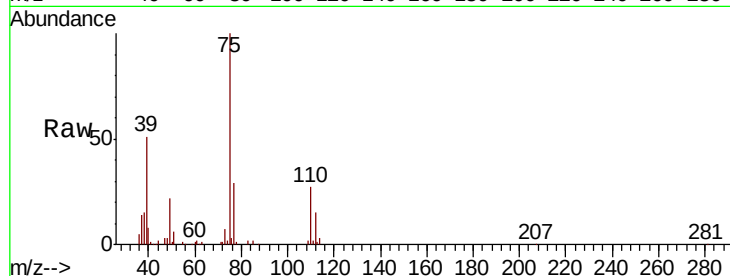
ClientSampleId :

Tot Ion: 75 Resp: 114047

Ion Ratio Lower Upper

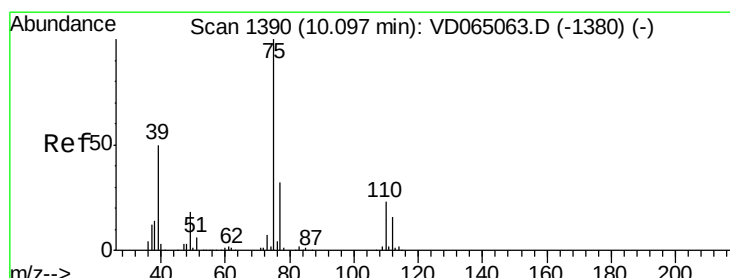
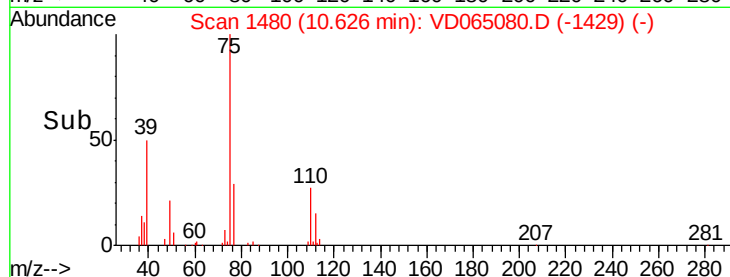
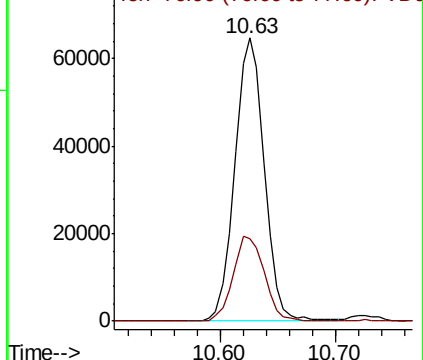
75 100

77 29.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 19.759 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

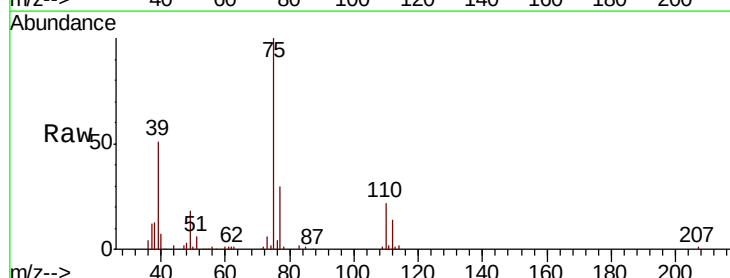
Tgt Ion: 75 Resp: 138019

Ion Ratio Lower Upper

75 100

77 29.8 25.3 37.9

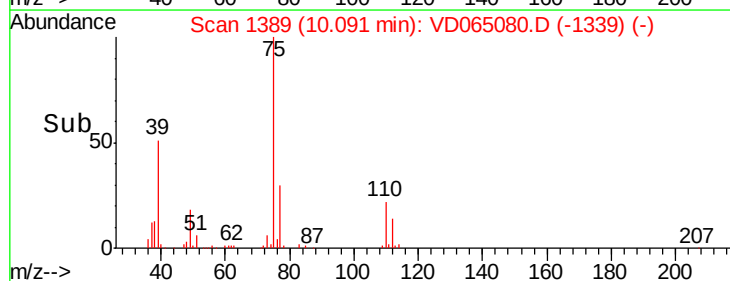
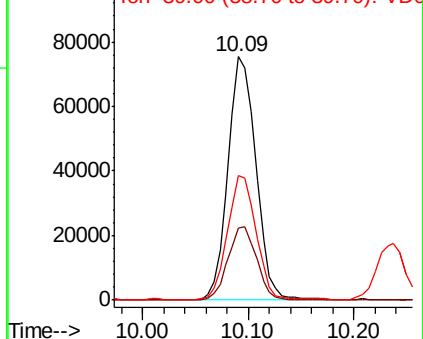
39 51.4 40.3 60.5

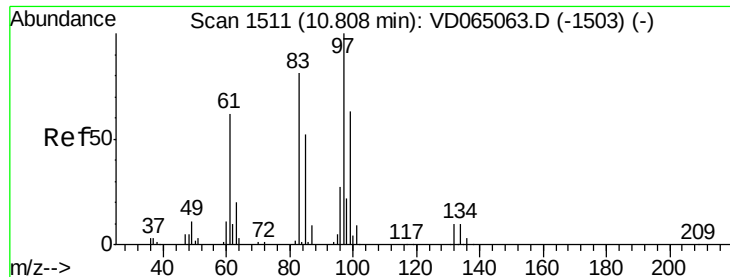


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

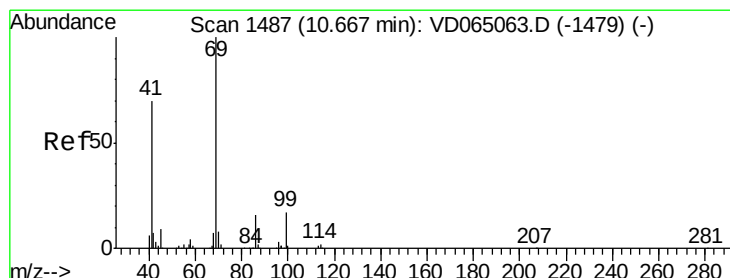
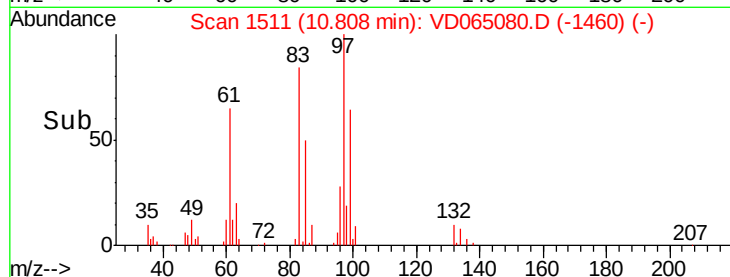
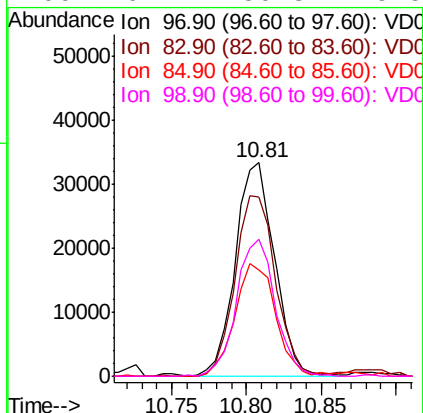
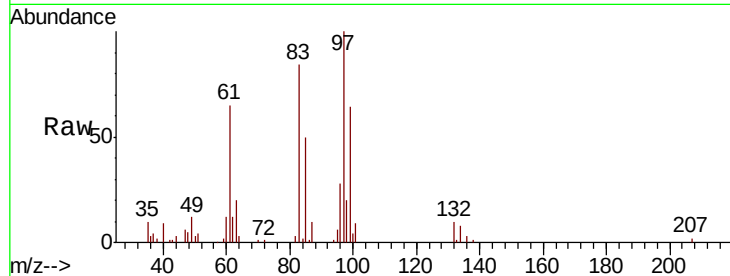




#55  
 1,1,2-Trichloroethane  
 Concen: 19.481 ug/l  
 RT: 10.81 min Scan# 1511  
 Delta R.T. 0.00 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

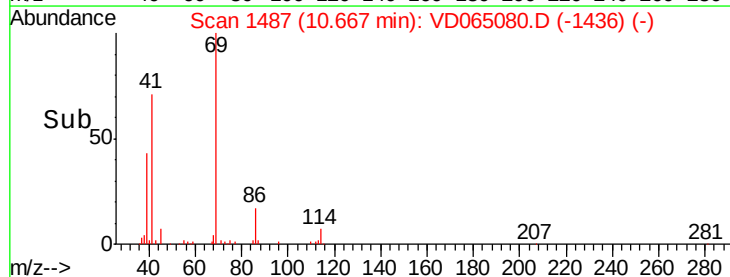
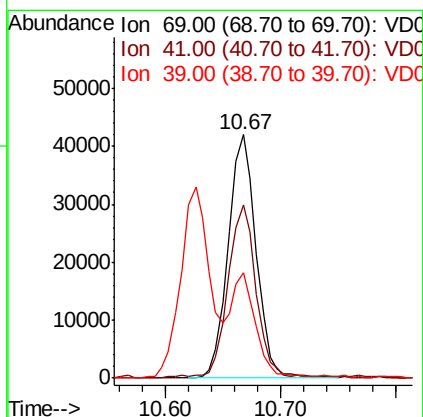
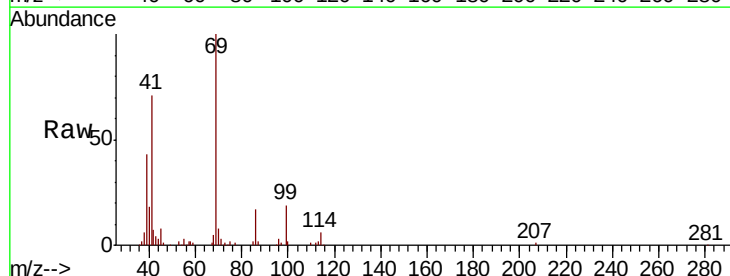
Instrument :  
 MSVOA\_D  
 ClientSampleID :

| Tot Ion | 97    | Resp  | 60835 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 83.7  | 64.8  | 97.2  |
| 85      | 49.9  | 41.2  | 61.8  |
| 99      | 64.2  | 50.3  | 75.5  |

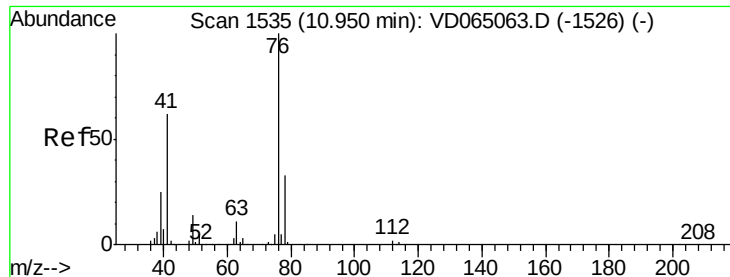


#56  
 Ethyl methacrylate  
 Concen: 17.805 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

| Tgt Ion | 69    | Resp  | 70349 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 69      | 100   |       |       |
| 41      | 73.2  | 55.9  | 83.9  |
| 39      | 37.7  | 29.4  | 44.0  |







#57

1,3-Dichloropropane

Concen: 19.672 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

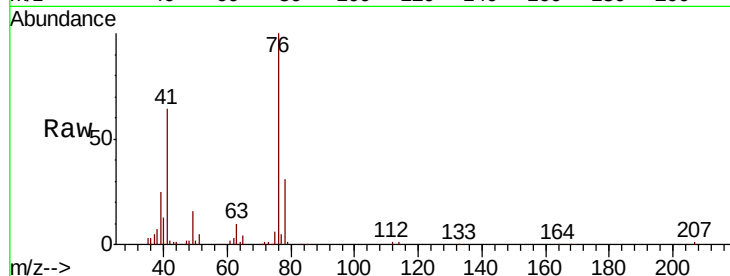
ClientSampleId :

Tot Ion: 76 Resp: 108022

Ion Ratio Lower Upper

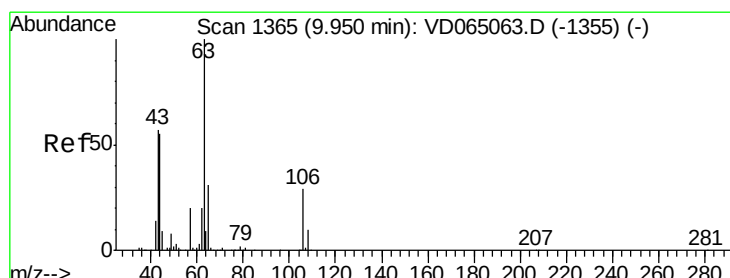
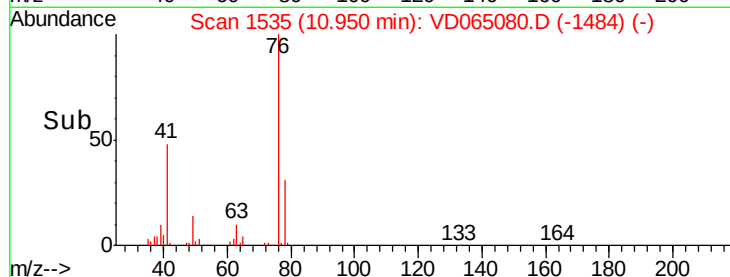
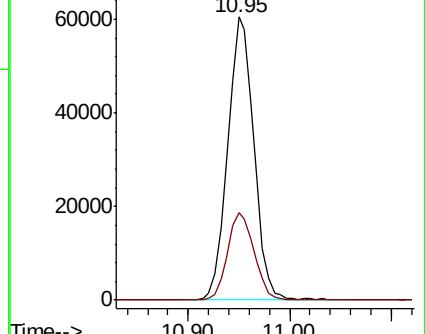
76 100

78 31.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 74.410 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065080.D

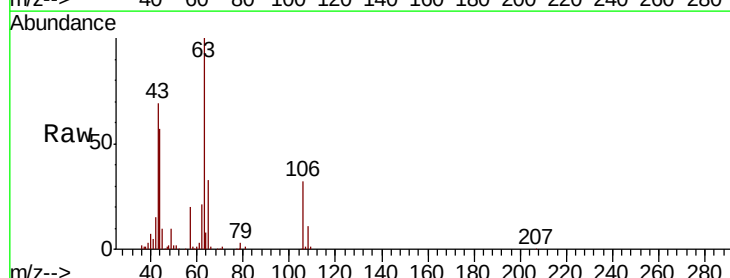
Acq: 06 Feb 2020 12:05

Tgt Ion: 63 Resp: 112034

Ion Ratio Lower Upper

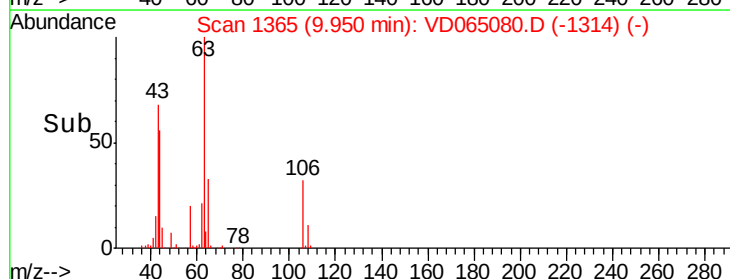
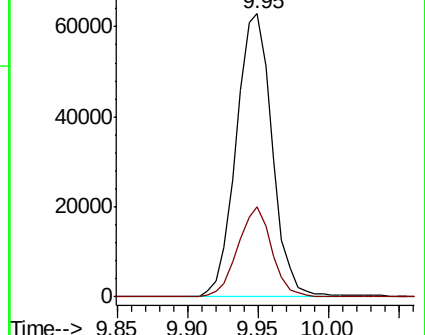
63 100

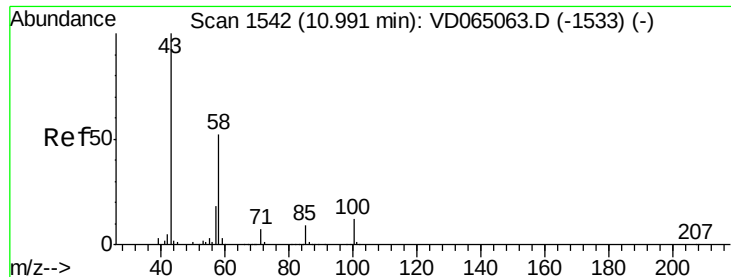
106 29.7 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

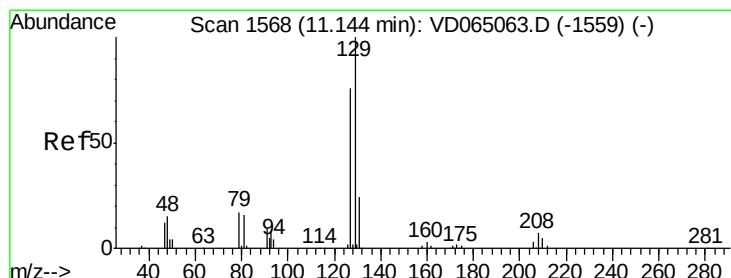
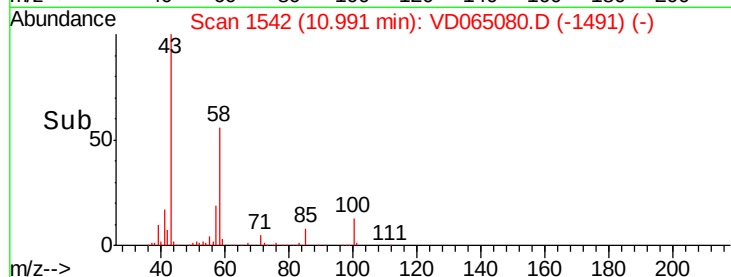
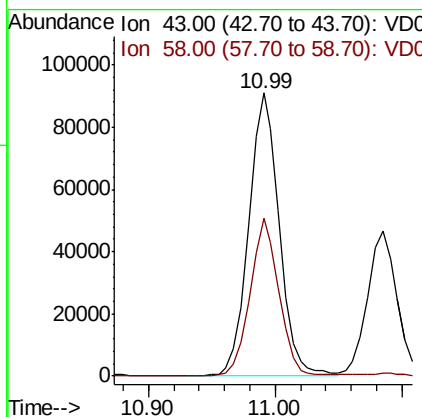
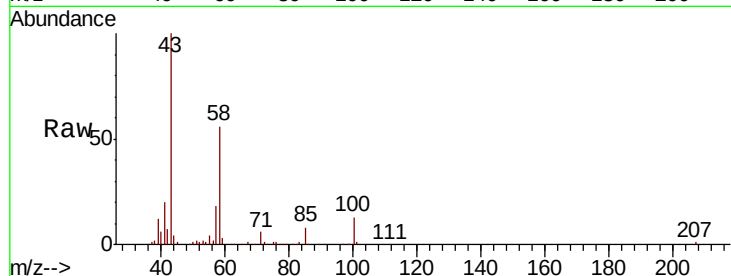




#59  
2-Hexanone  
Concen: 85.343 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

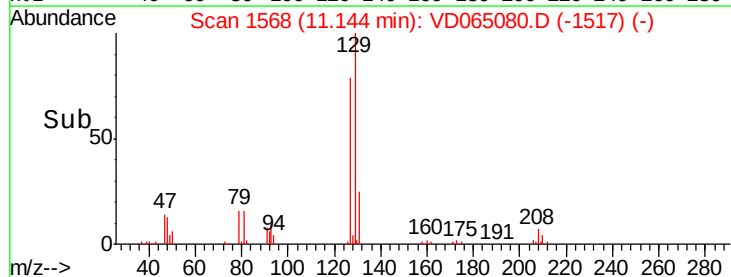
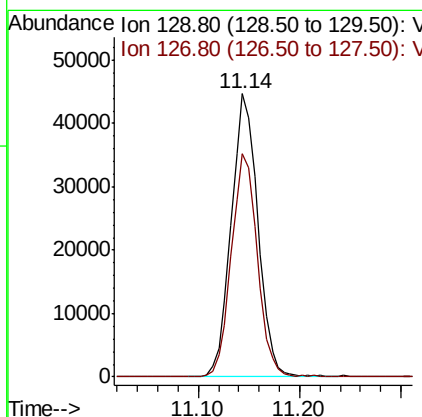
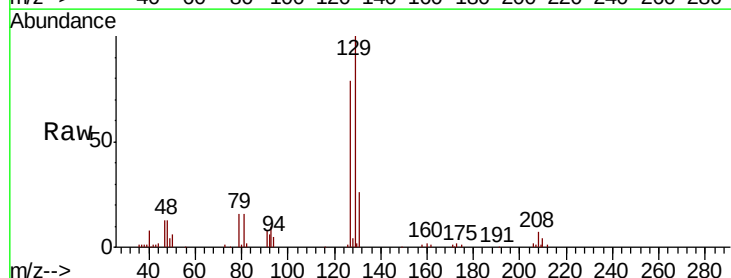
Instrument :  
MSVOA\_D  
ClientSampleId :

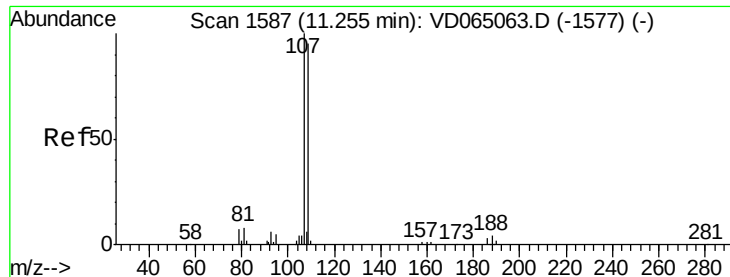
Tot Ion: 43 Resp: 152161  
Ion Ratio Lower Upper  
43 100  
58 52.8 26.2 78.6



#60  
Dibromochloromethane  
Concen: 20.265 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

Tgt Ion: 129 Resp: 81964  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.3 114.9

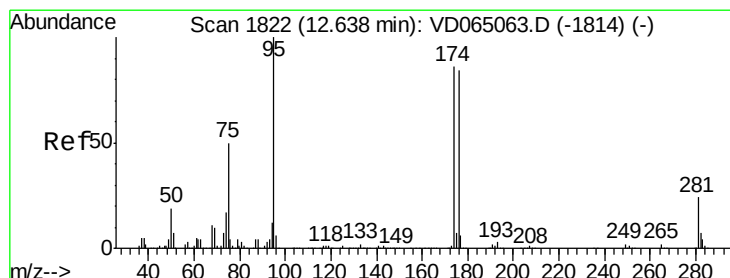
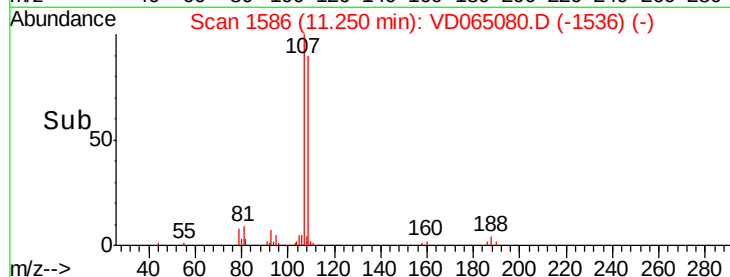
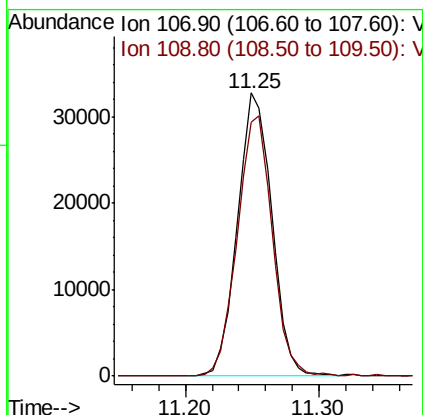
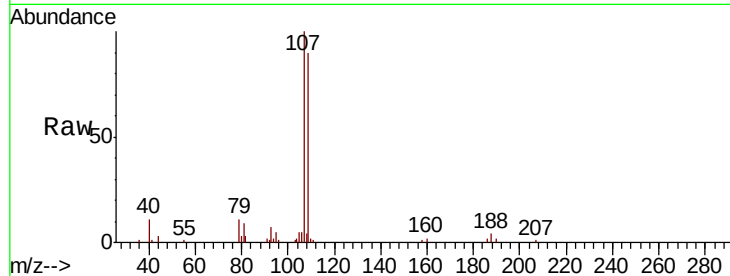




#61  
 1,2-Dibromoethane  
 Concen: 19.139 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. -0.01 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

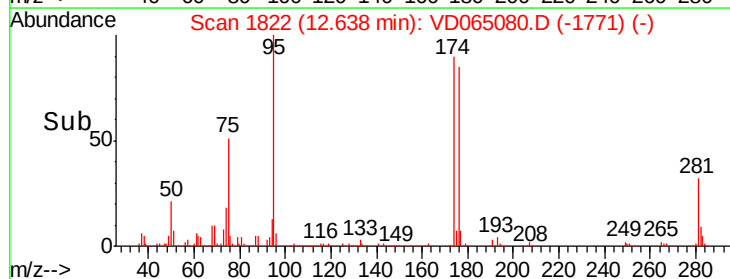
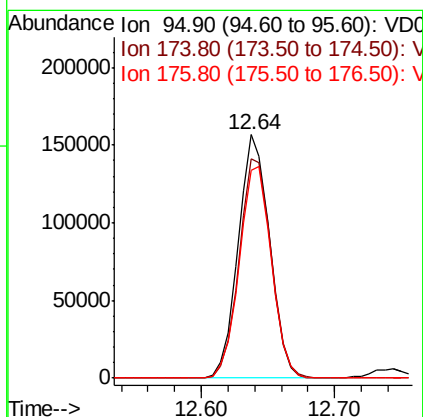
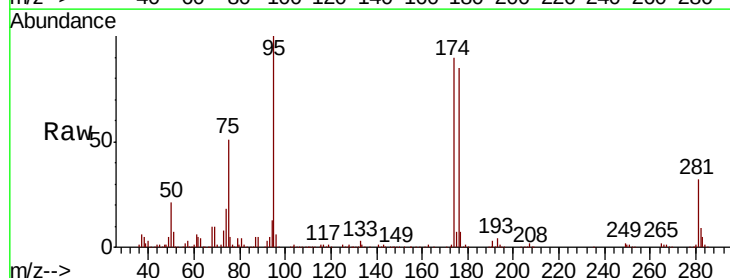
Instrument :  
 MSVOA\_D  
 ClientSampleId :

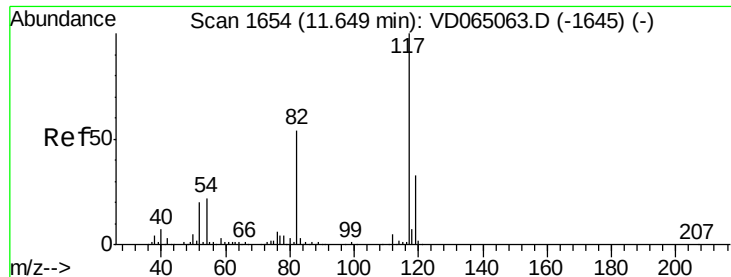
Tot Ion: 107 Resp: 58397  
 Ion Ratio Lower Upper  
 107 100  
 109 93.1 75.5 113.3



#62  
 4-Bromofluorobenzene  
 Concen: 51.357 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

Tgt Ion: 95 Resp: 254319  
 Ion Ratio Lower Upper  
 95 100  
 174 92.1 0.0 180.0  
 176 88.6 0.0 173.2

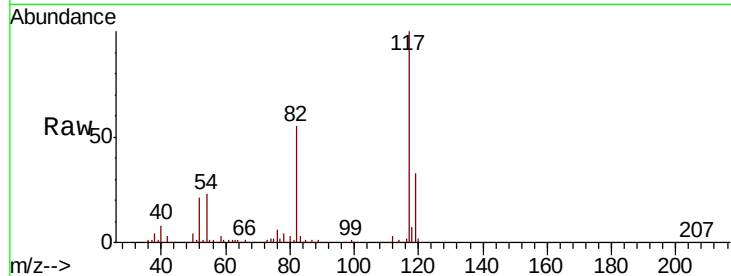




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

Instrument :  
MSVOA\_D  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.1  | 43.1  | 64.7  |
| 119     | 33.0  | 26.0  | 39.0  |

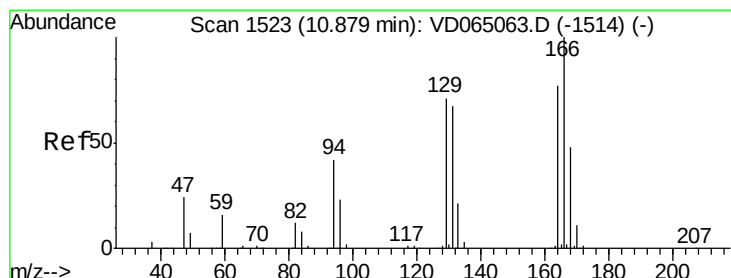
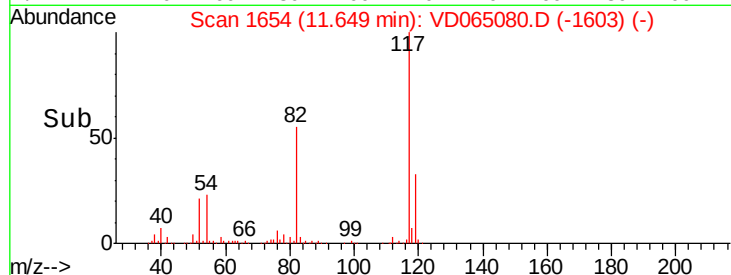
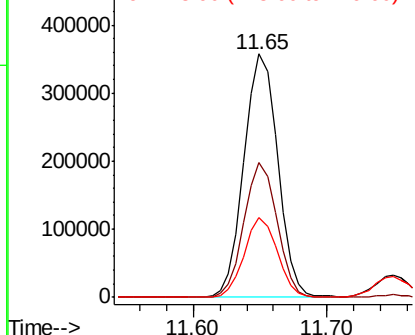


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 19.657 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.0 | 103.5 | 155.3 |
| 129     | 87.0  | 73.3  | 109.9 |
| 131     | 86.2  | 69.8  | 104.6 |

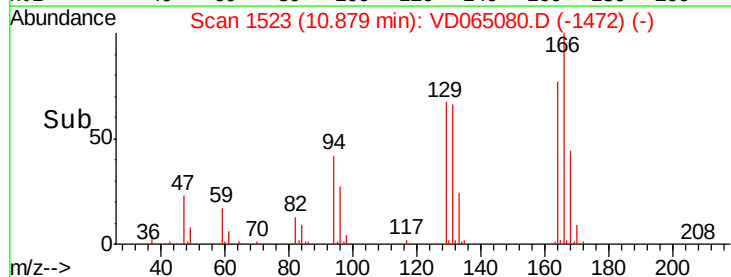
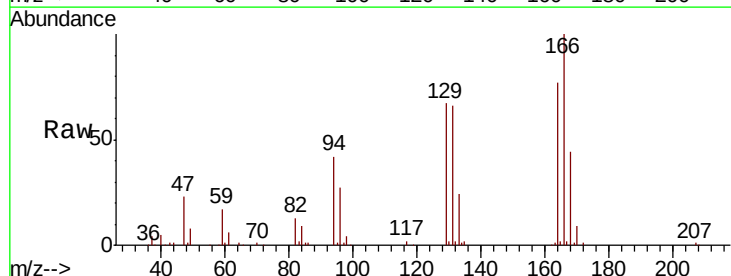
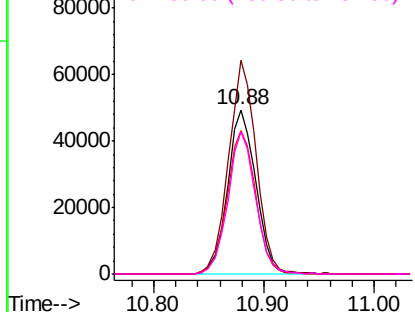
Abundance

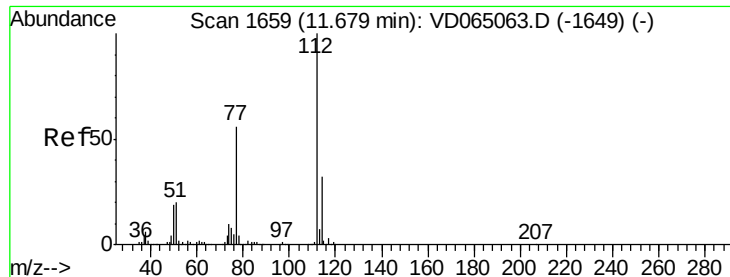
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

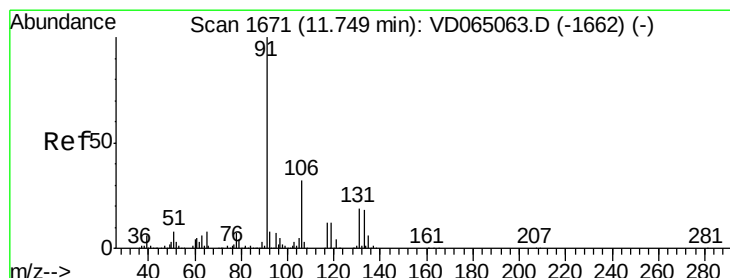
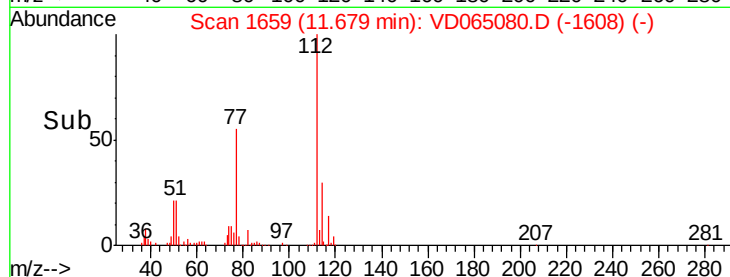
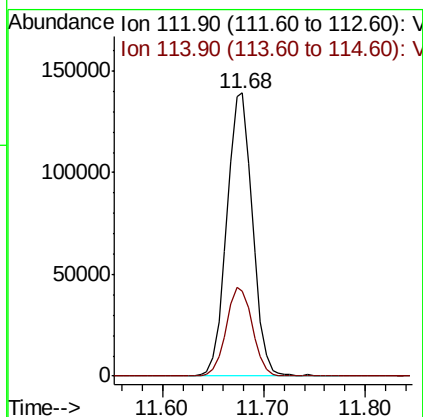
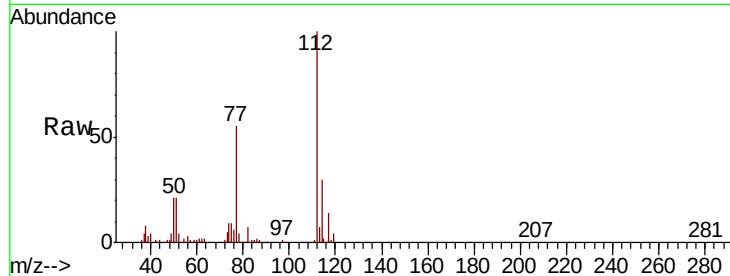




#65  
Chlorobenzene  
Concen: 20.184 ug/l  
RT: 11.68 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

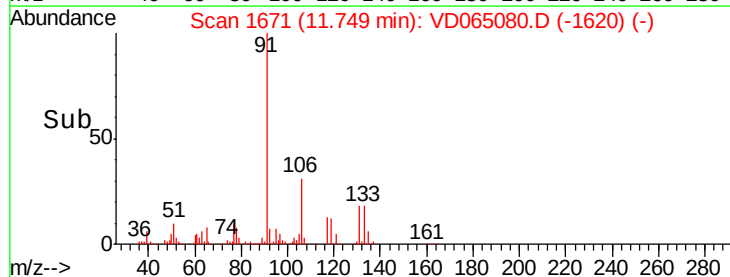
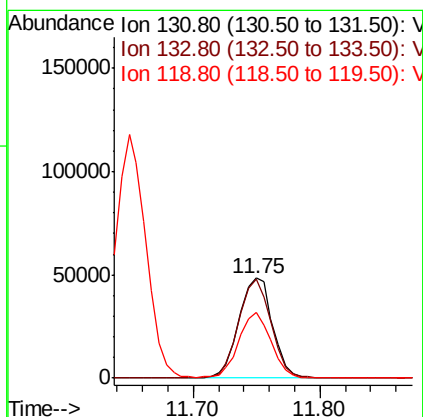
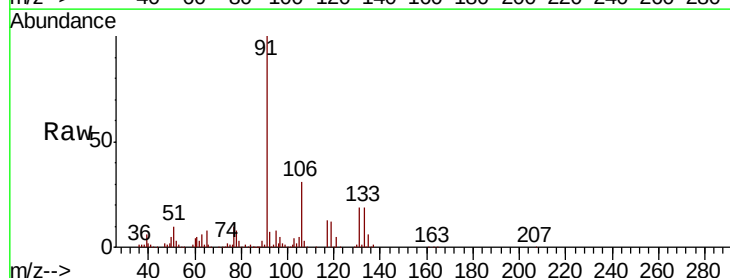
Instrument :  
MSVOA\_D  
ClientSampleId :

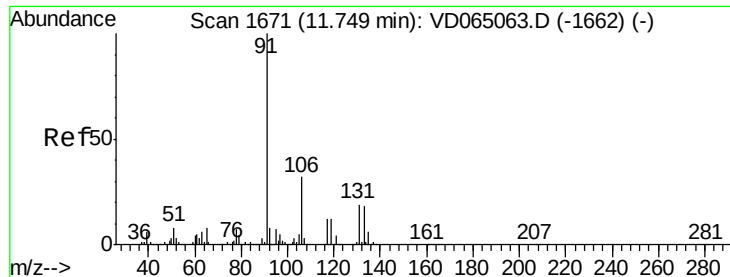
Tot Ion:112 Resp: 244722  
Ion Ratio Lower Upper  
112 100  
114 30.1 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.928 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

Tgt Ion:131 Resp: 89174  
Ion Ratio Lower Upper  
131 100  
133 96.1 47.7 143.1  
119 63.6 31.3 93.8





#67

Ethyl Benzene

Concen: 19.947 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

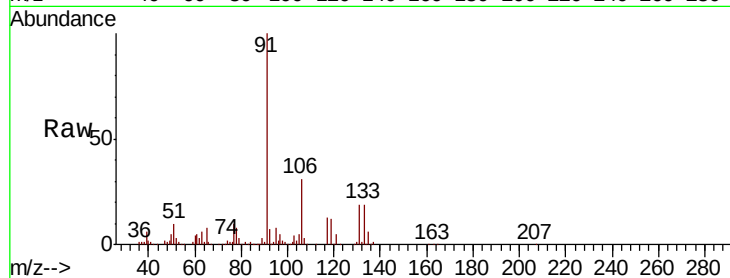
ClientSampled :

Tot Ion: 91 Resp: 439382

Ion Ratio Lower Upper

91 100

106 30.7 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VD065080.D (-1620) (-)

Ion 106.00 (105.70 to 106.70): VD065080.D (-1620) (-)

400000

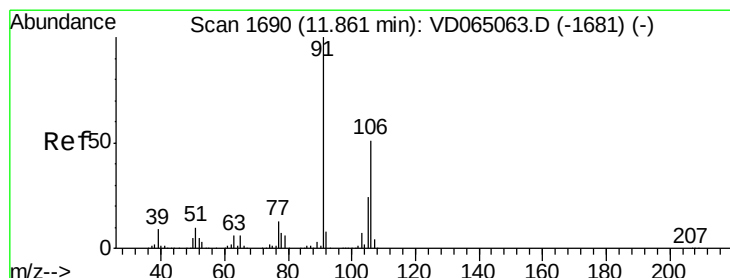
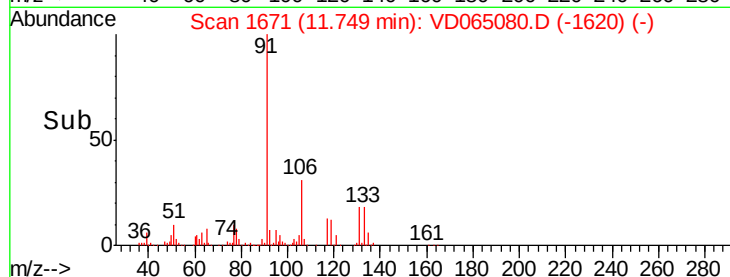
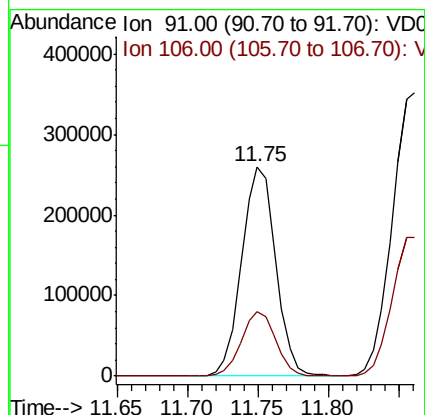
300000

200000

100000

0

11.65 11.70 11.75 11.80



#68

m/p-Xylenes

Concen: 39.967 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065080.D

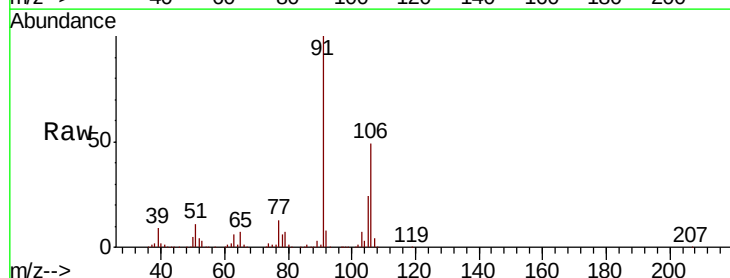
Acq: 06 Feb 2020 12:05

Tgt Ion: 106 Resp: 336017

Ion Ratio Lower Upper

106 100

91 199.4 158.9 238.3



Abundance Ion 106.00 (105.70 to 106.70): VD065080.D (-1639) (-)

Ion 91.00 (90.70 to 91.70): VD065080.D (-1639) (-)

400000

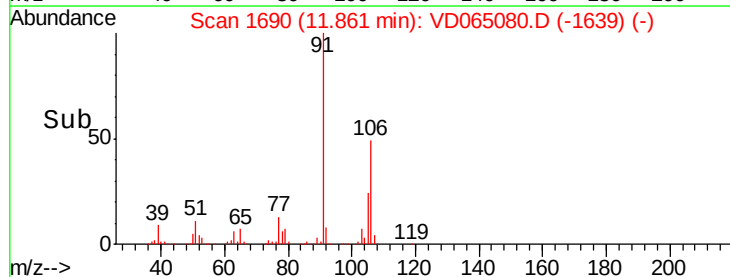
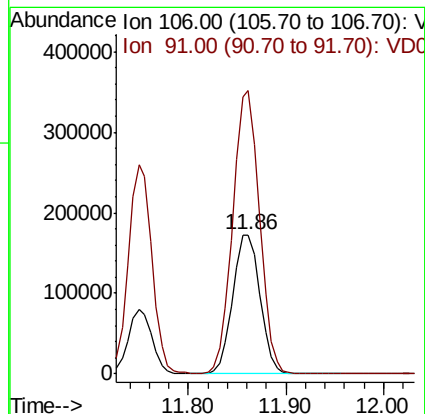
300000

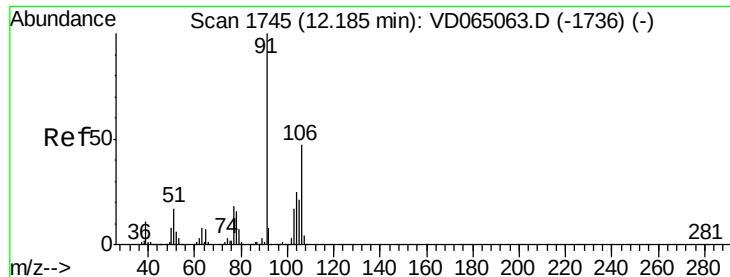
200000

100000

0

11.80 11.85 11.90 12.00

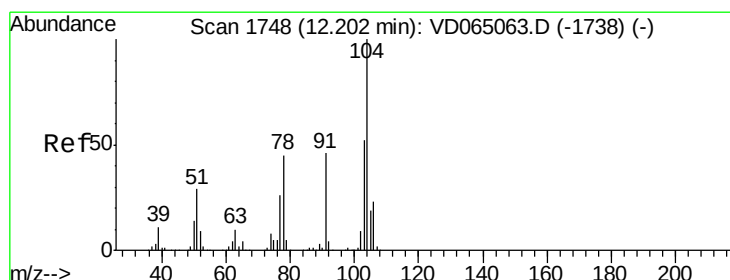
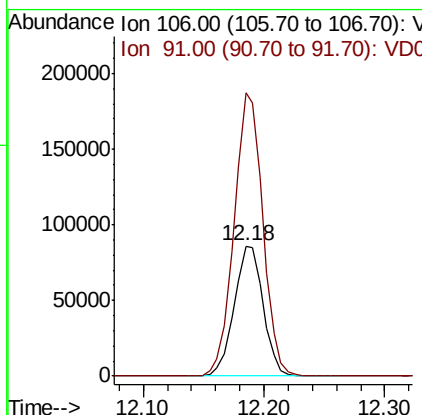
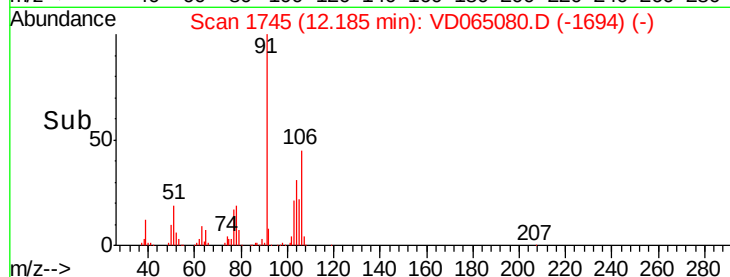
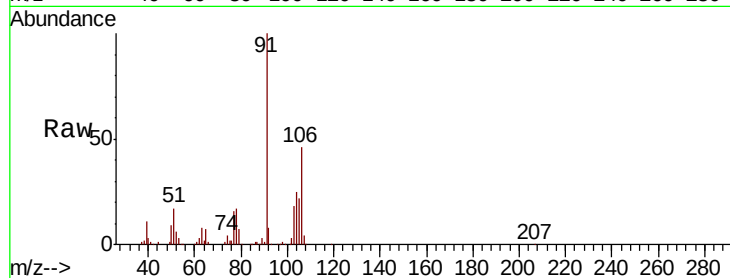




#69  
o-Xylene  
Concen: 18.982 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

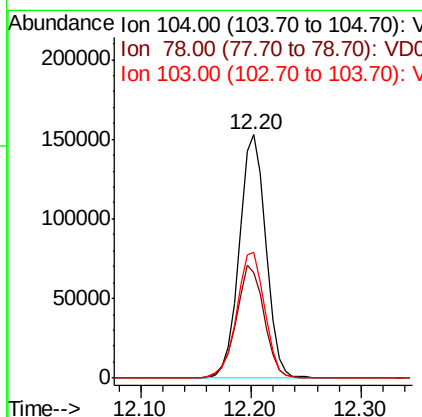
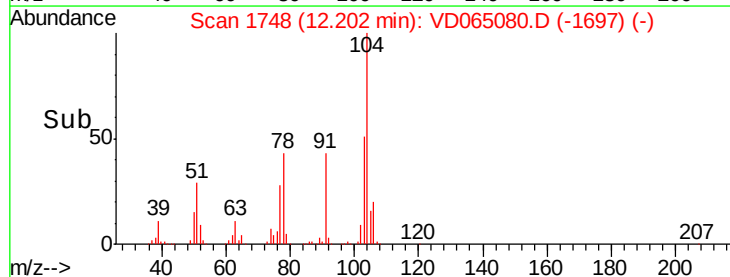
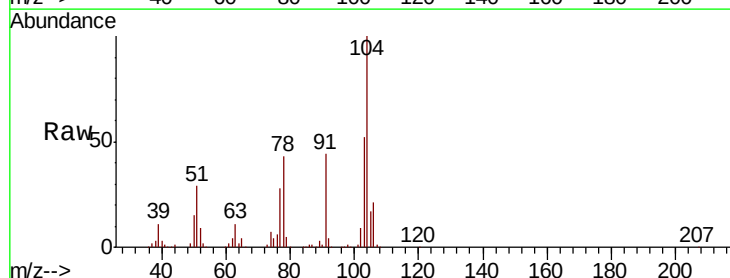
Instrument :  
MSVOA\_D  
ClientSampleId :

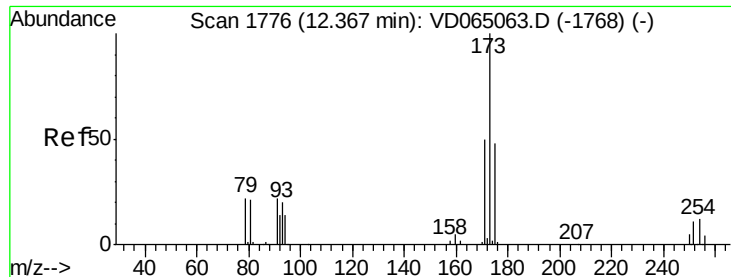
Tot Ion:106 Resp: 143709  
Ion Ratio Lower Upper  
106 100  
91 216.4 104.7 313.9



#70  
Styrene  
Concen: 19.694 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

Tgt Ion:104 Resp: 259148  
Ion Ratio Lower Upper  
104 100  
78 48.5 38.5 57.7  
103 54.5 43.8 65.8





#71

Bromoform

Concen: 18.933 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

ClientSampleId :

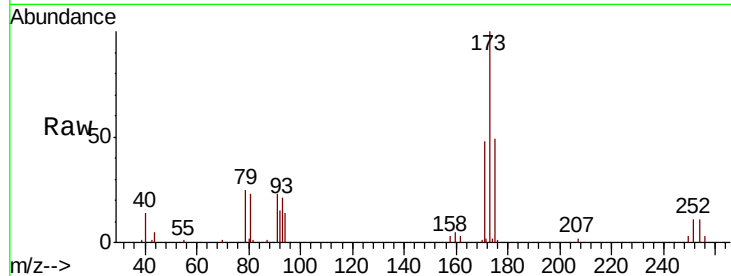
Tot Ion:173 Resp: 45602

Ion Ratio Lower Upper

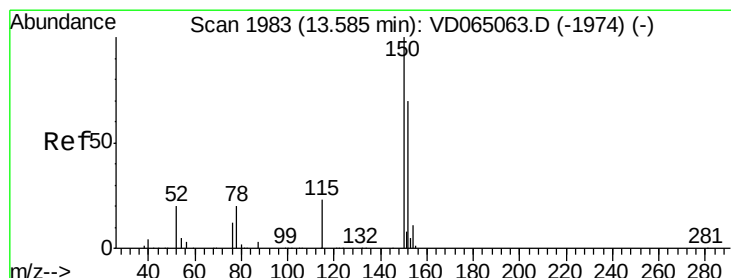
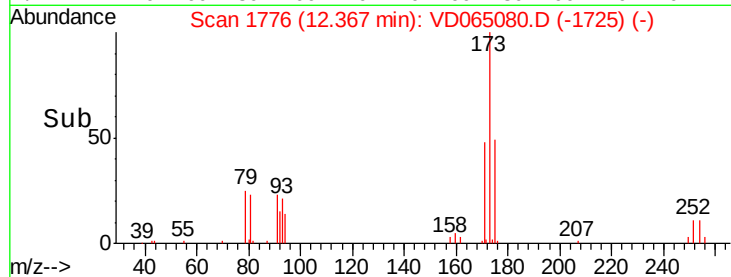
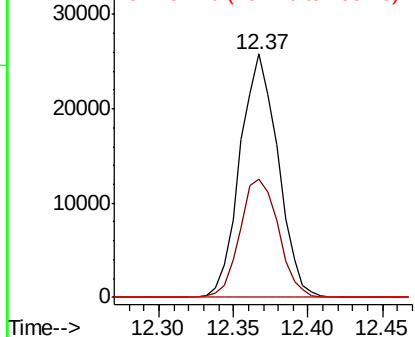
173 100

175 49.3 24.3 72.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

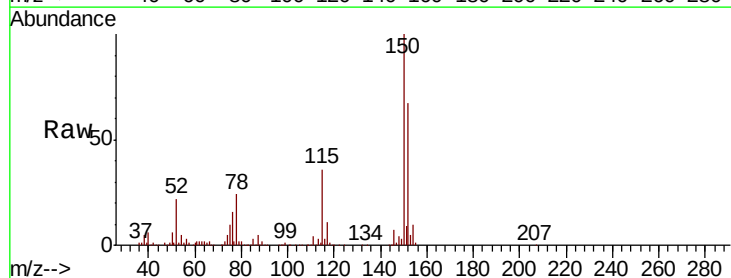
Tgt Ion:152 Resp: 300836

Ion Ratio Lower Upper

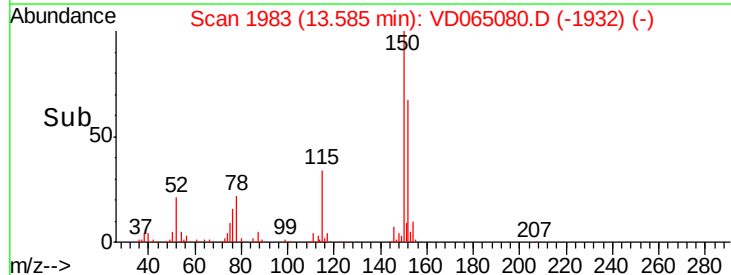
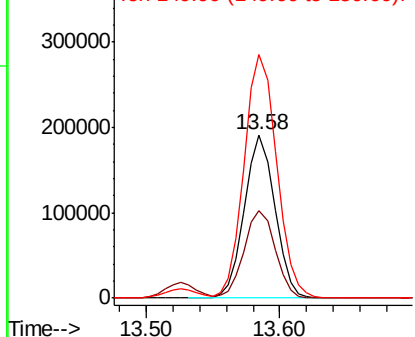
152 100

115 55.2 27.5 82.4

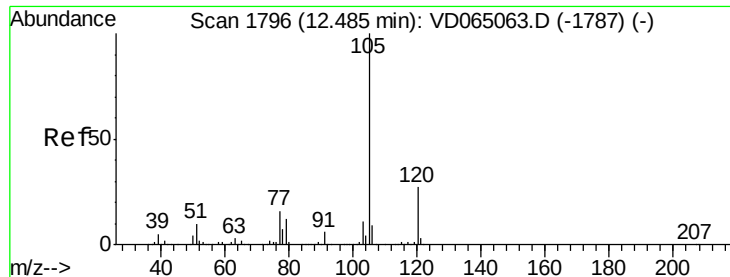
150 159.7 0.0 343.2



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







#73

Isopropylbenzene

Concen: 19.622 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

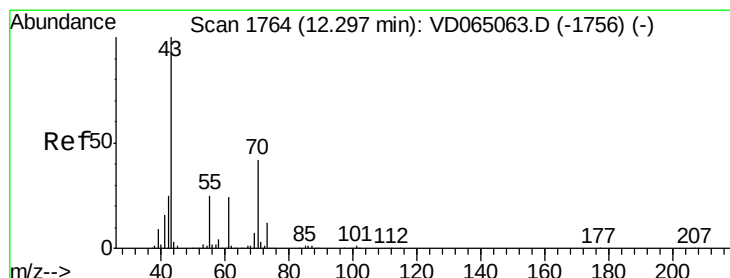
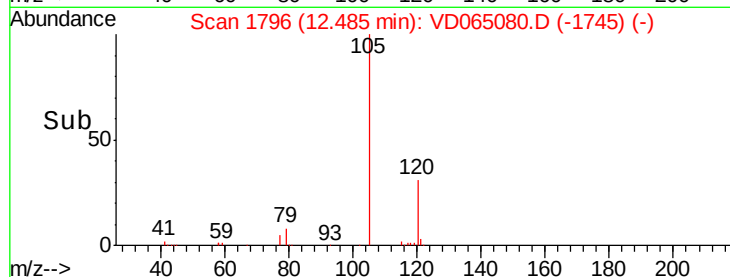
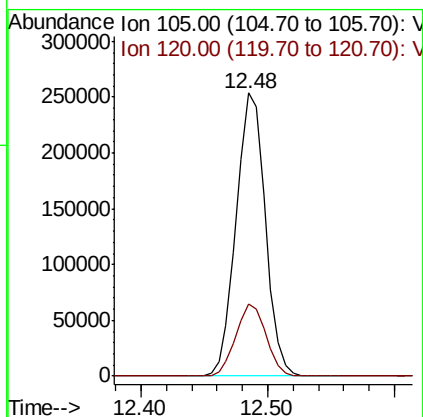
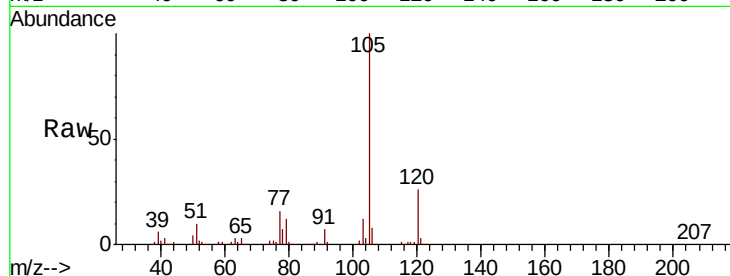
ClientSampleId :

Tot Ion:105 Resp: 405170

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 17.650 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Tgt Ion: 43 Resp: 79212

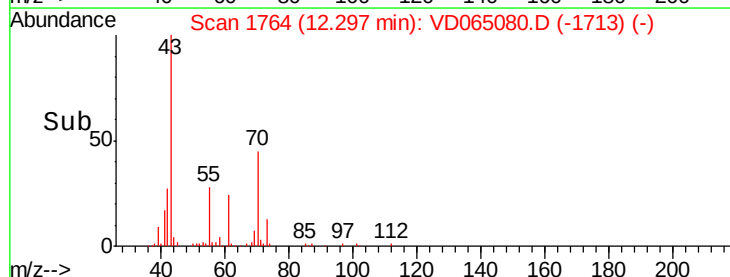
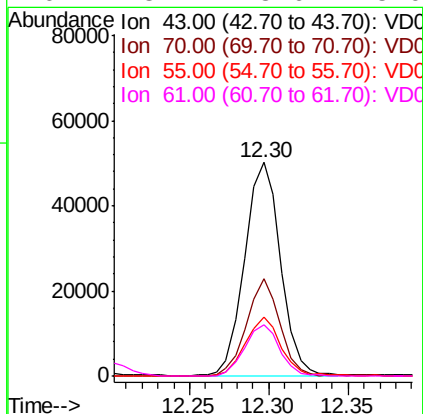
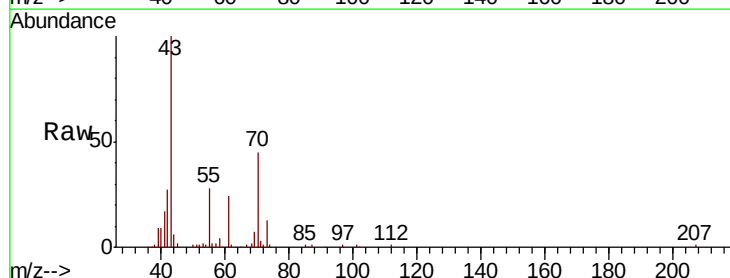
Ion Ratio Lower Upper

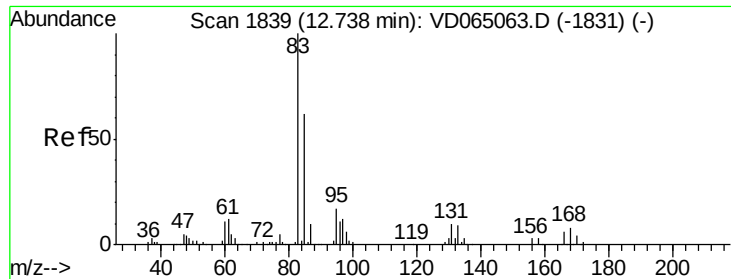
43 100

70 41.9 33.5 50.3

55 27.4 19.4 29.2

61 23.2 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.445 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

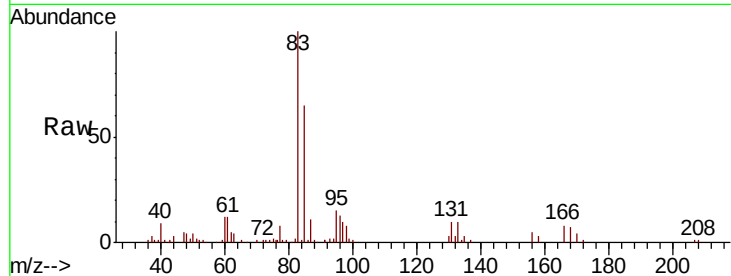
Instrument :

MSVOA\_D

ClientSampleId :

Tot Ion: 83 Resp: 63189

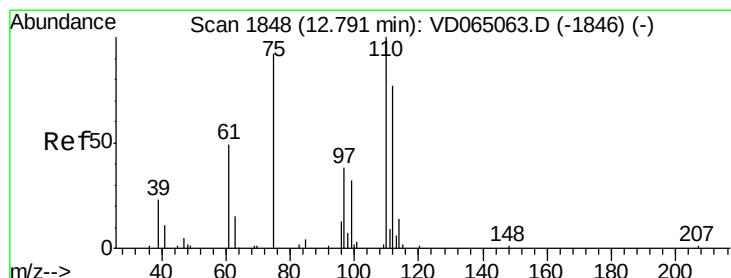
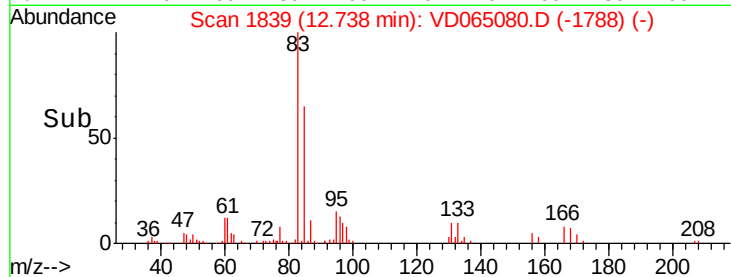
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 11.2  | 5.5   | 16.4  |
| 85  | 62.9  | 31.8  | 95.4  |



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: 36.551 ug/l

RT: 12.79 min Scan# 1848

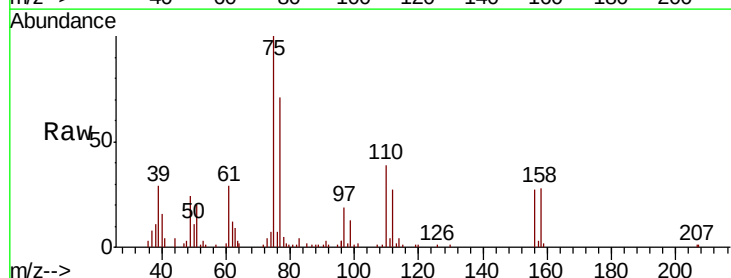
Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

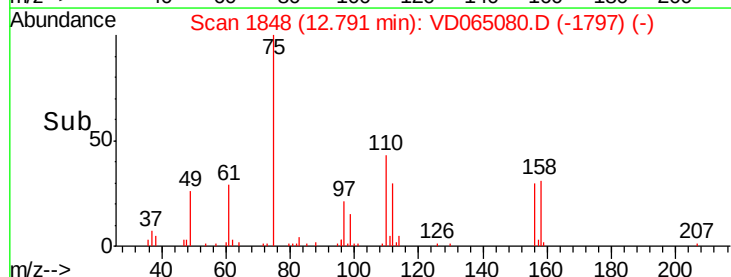
Tgt Ion: 75 Resp: 83251

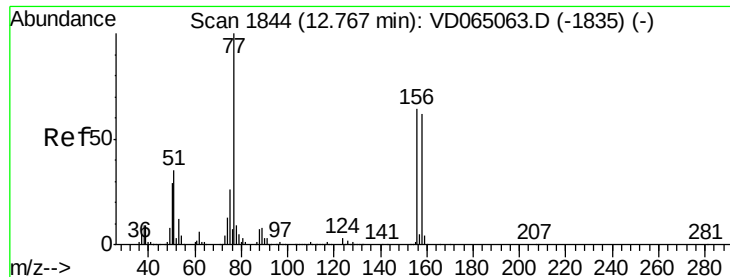
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 0.0   |



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.035 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

ClientSampleId :

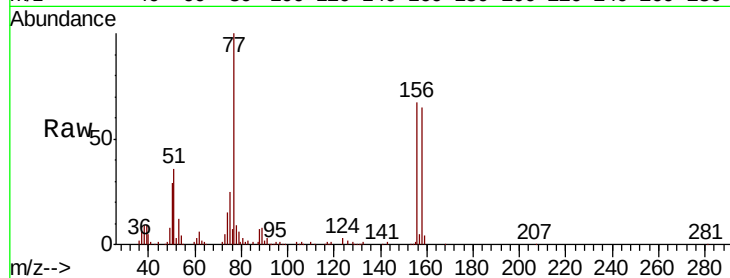
Tot Ion:156 Resp: 99672

Ion Ratio Lower Upper

156 100

77 164.5 85.6 256.8

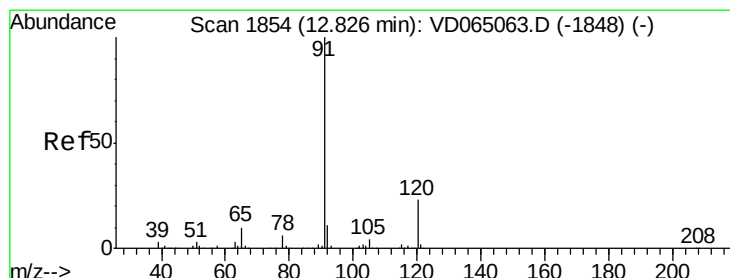
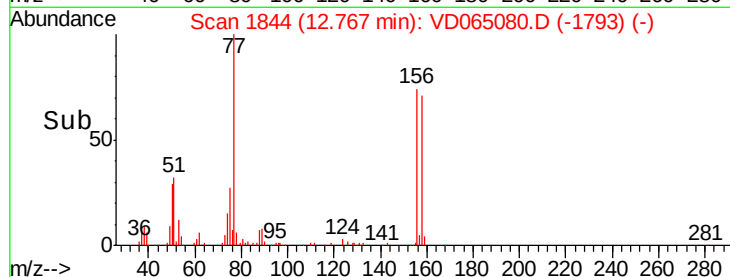
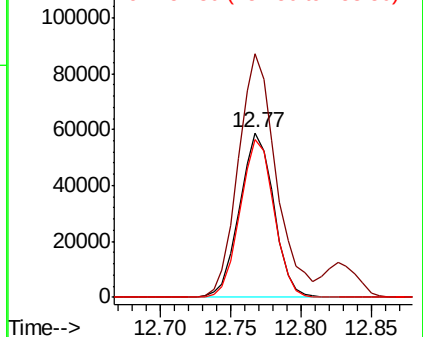
158 95.2 47.4 142.2



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: 20.211 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065080.D

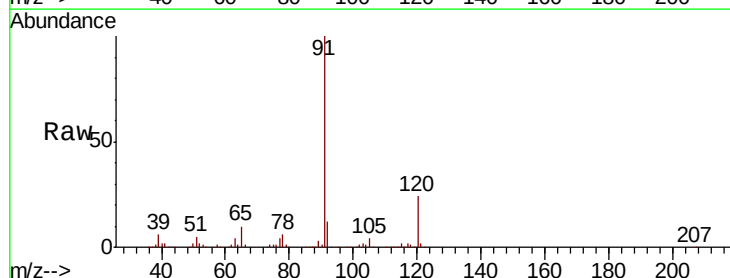
Acq: 06 Feb 2020 12:05

Tgt Ion: 91 Resp: 488711

Ion Ratio Lower Upper

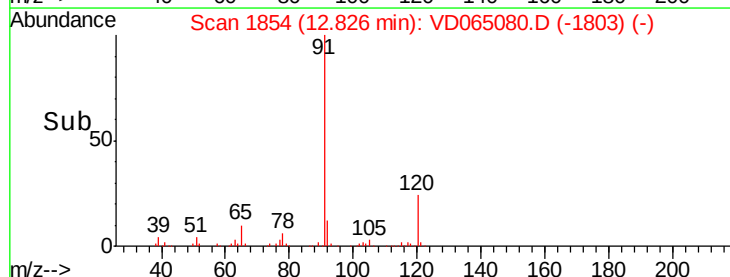
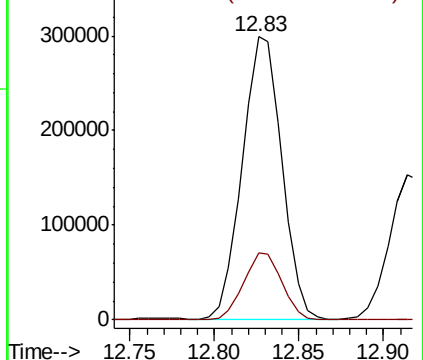
91 100

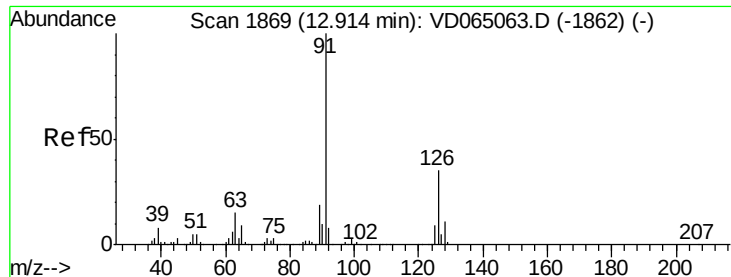
120 23.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.633 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

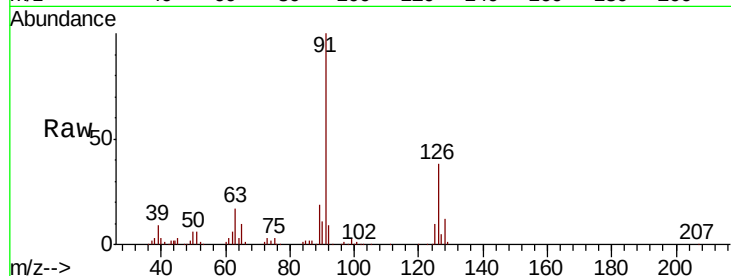
ClientSampled :

Tot Ion: 91 Resp: 264626

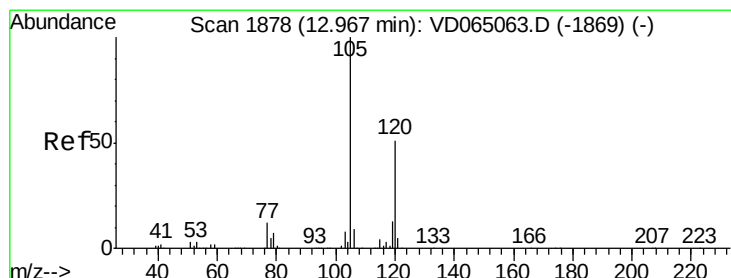
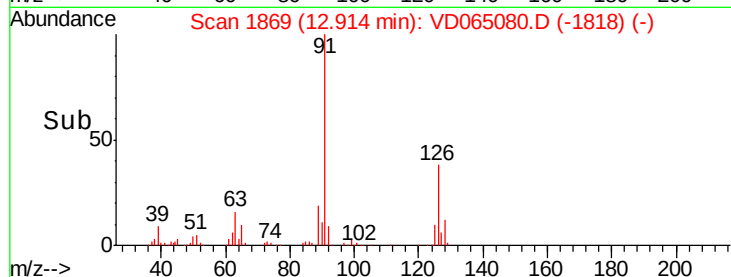
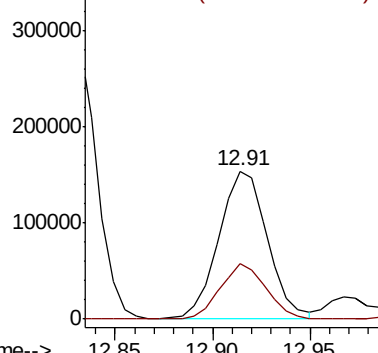
Ion Ratio Lower Upper

91 100

126 35.6 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VD065063.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.595 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065080.D

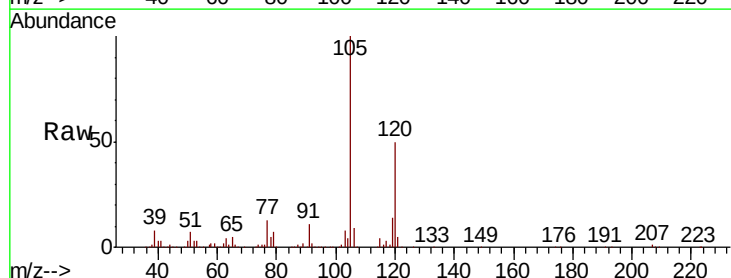
Acq: 06 Feb 2020 12:05

Tgt Ion:105 Resp: 331008

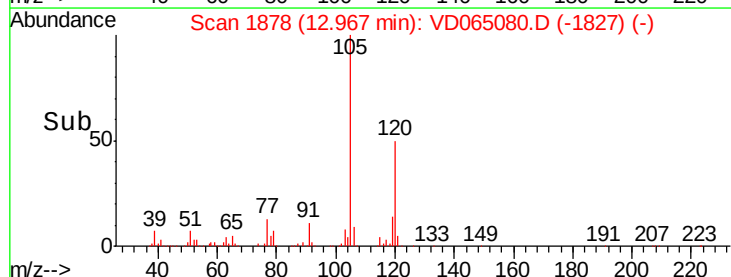
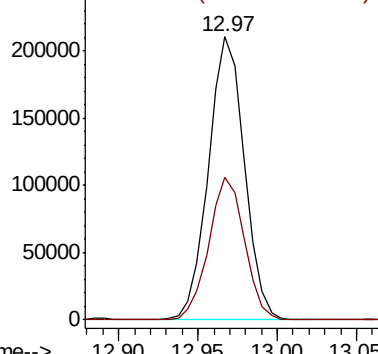
Ion Ratio Lower Upper

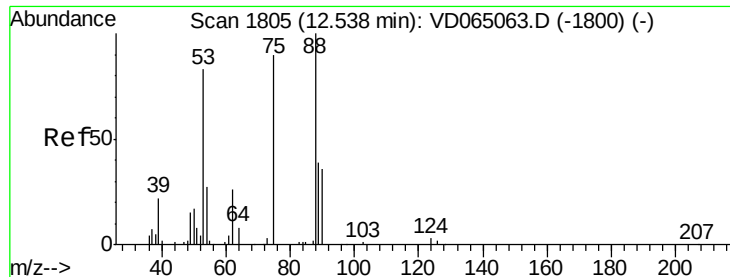
105 100

120 50.3 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VD065063.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.034 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

ClientSampled :

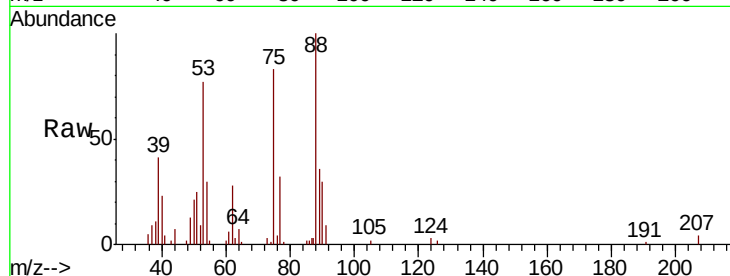
Tot Ion: 75 Resp: 20538

Ion Ratio Lower Upper

75 100

53 101.6 78.5 117.7

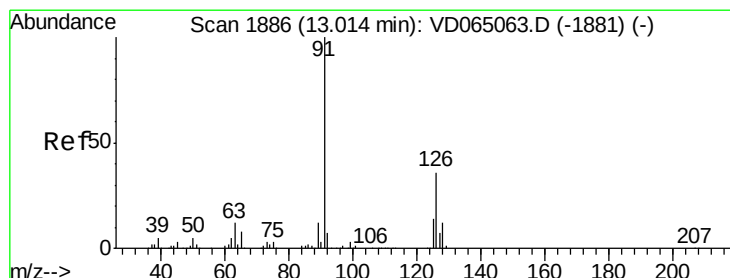
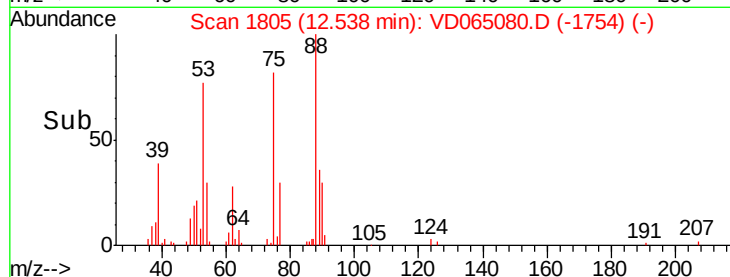
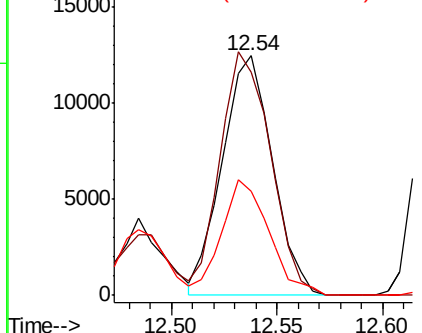
89 45.7 37.0 55.4



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



#82

4-Chlorotoluene

Concen: 19.965 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065080.D

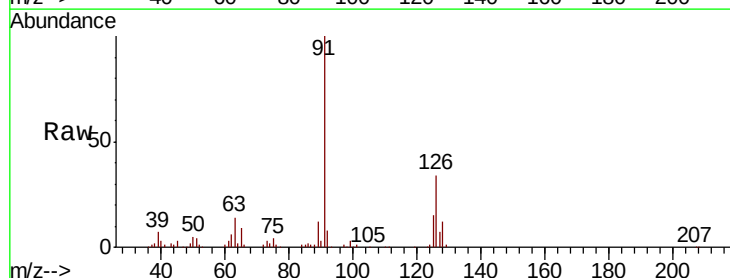
Acq: 06 Feb 2020 12:05

Tgt Ion: 91 Resp: 282620

Ion Ratio Lower Upper

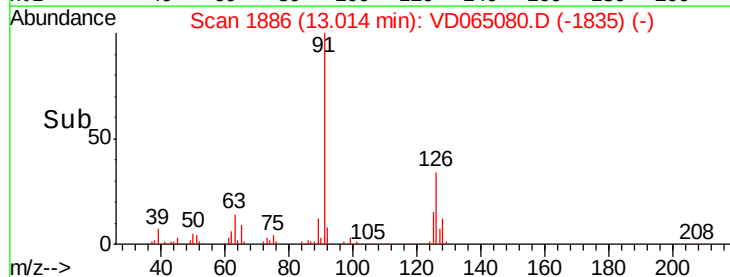
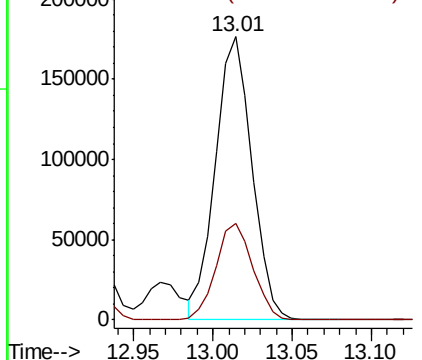
91 100

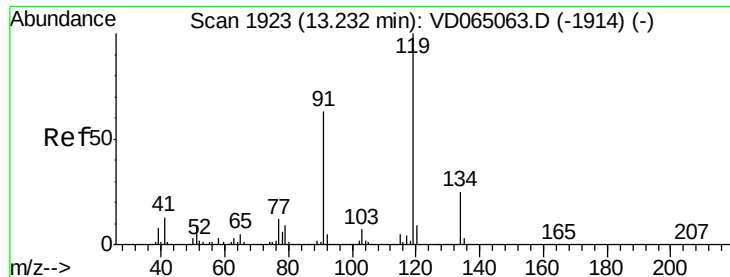
126 34.4 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

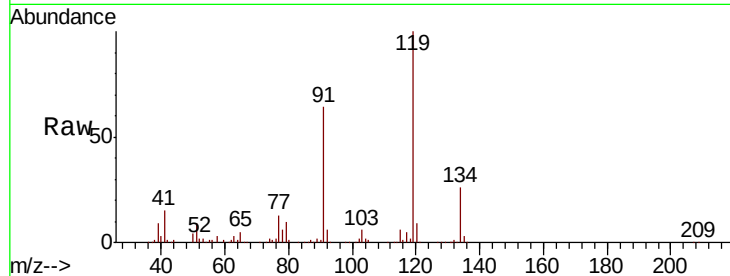




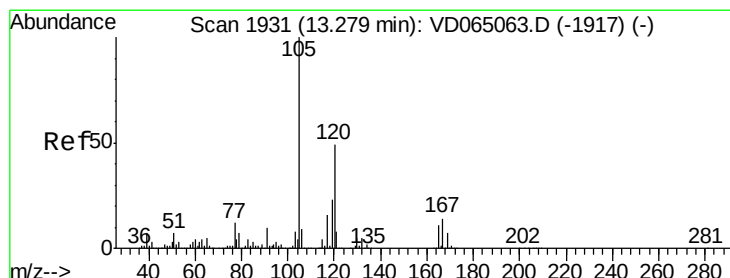
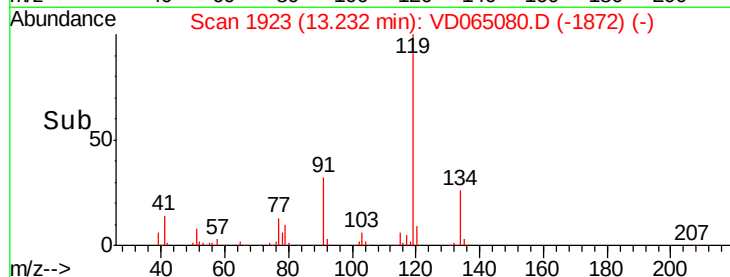
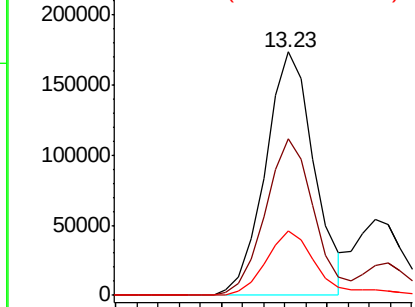
#83  
tert-Butylbenzene  
Concen: 19.109 ug/l  
RT: 13.23 min Scan# 1923  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:119 Resp: 278490  
Ion Ratio Lower Upper  
119 100  
91 64.4 32.3 96.9  
134 27.9 13.8 41.3

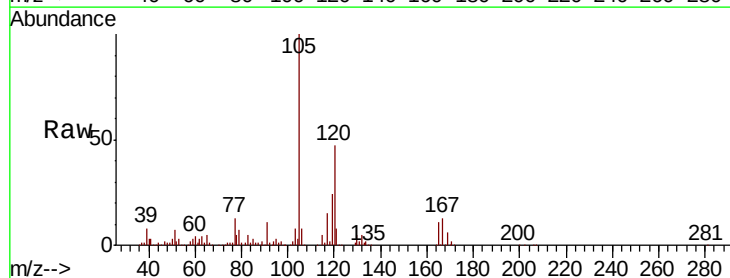


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

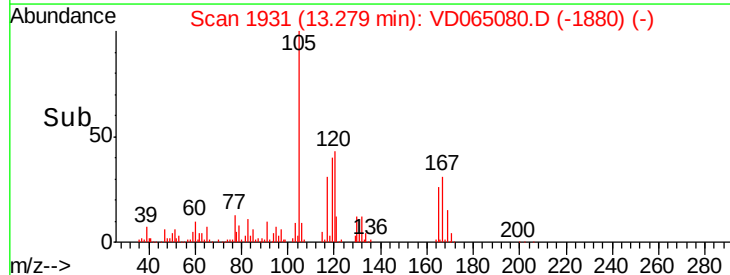
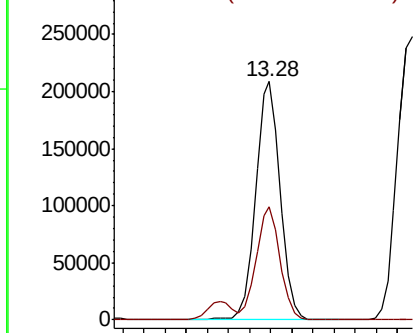


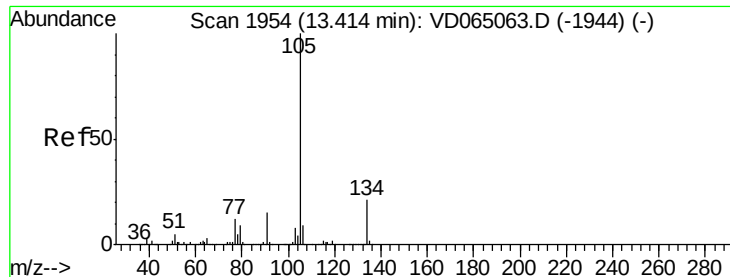
#84  
1,2,4-Trimethylbenzene  
Concen: 20.035 ug/l  
RT: 13.28 min Scan# 1931  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

Tgt Ion:105 Resp: 335992  
Ion Ratio Lower Upper  
105 100  
120 46.3 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.829 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

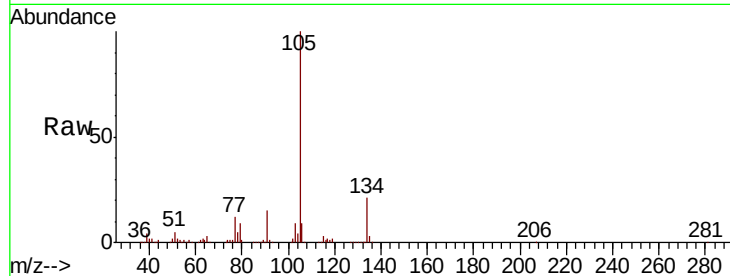
ClientSampled :

Tot Ion:105 Resp: 394688

Ion Ratio Lower Upper

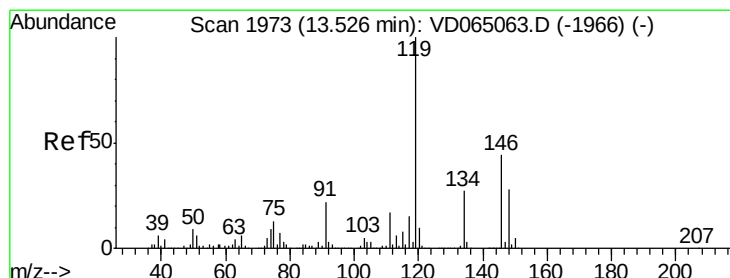
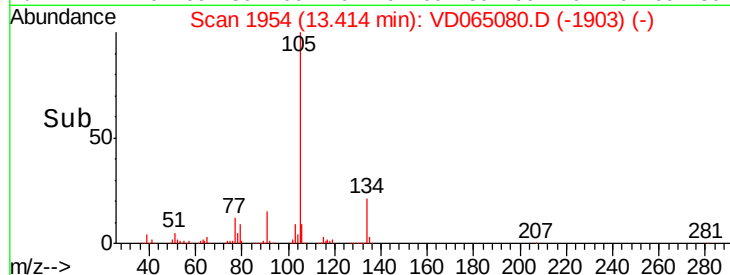
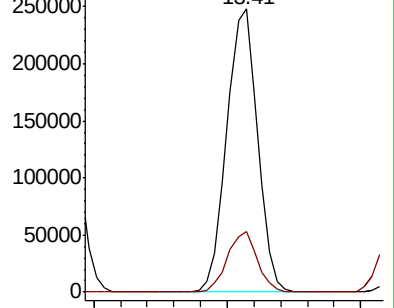
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.763 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

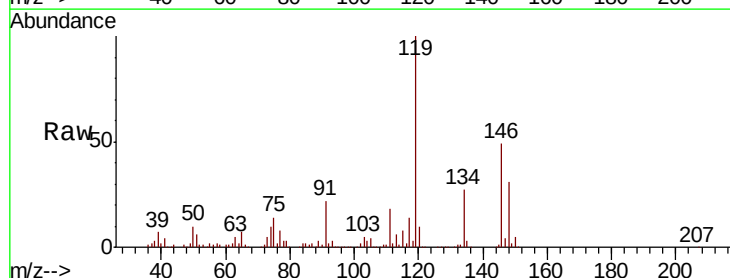
Tgt Ion:119 Resp: 365492

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

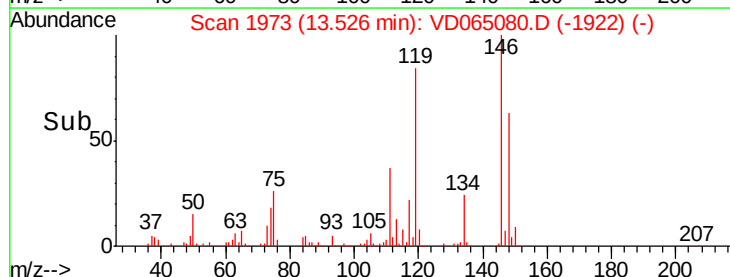
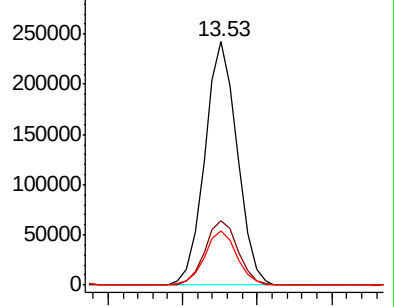
91 22.2 11.3 33.9

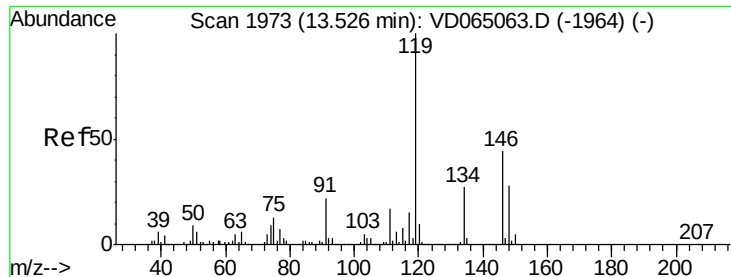


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.037 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065080.D

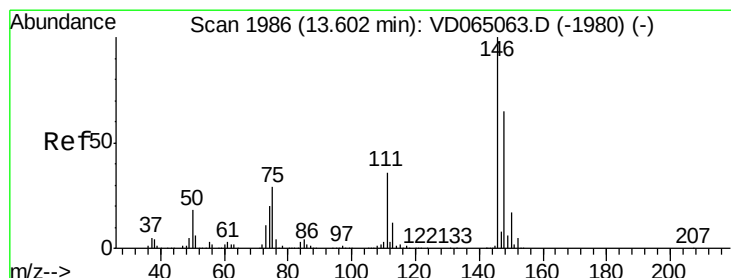
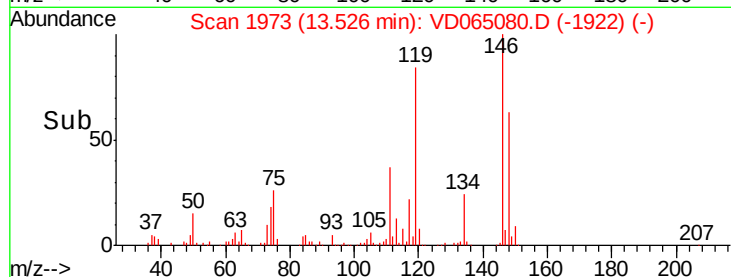
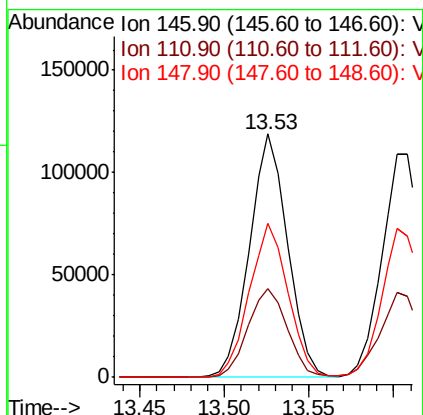
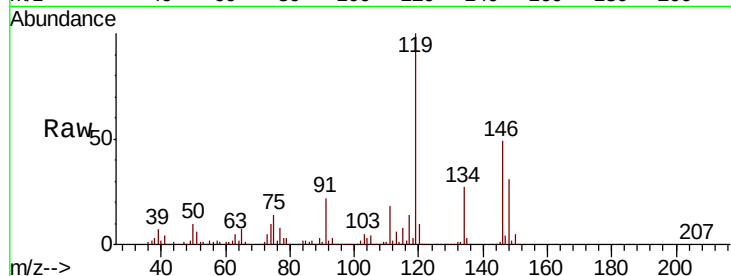
Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:146 | Resp: | 186631      |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 37.5  | 19.4 58.4   |
| 148         | 64.2  | 32.3 96.8   |



#88

1,4-Dichlorobenzene

Concen: 19.634 ug/l

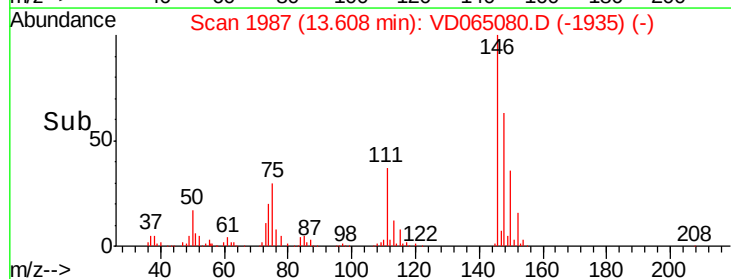
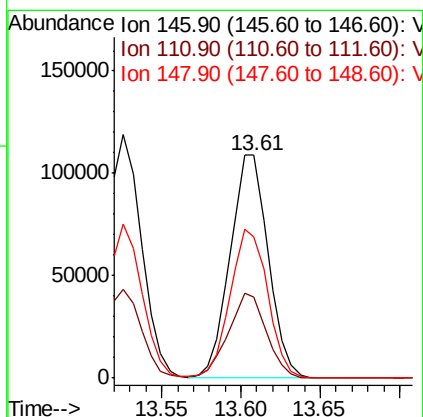
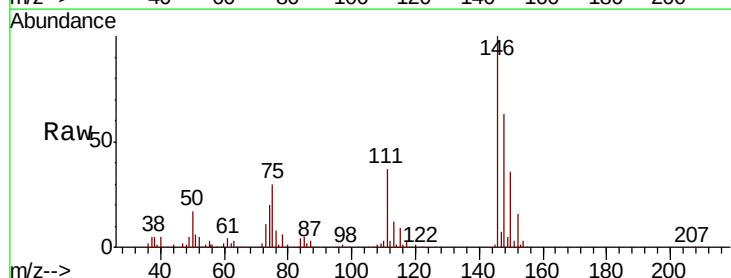
RT: 13.61 min Scan# 1987

Delta R.T. 0.01 min

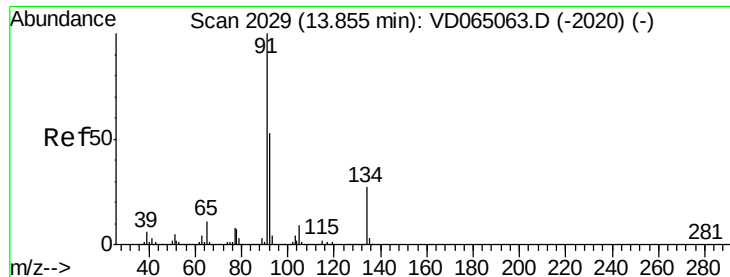
Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 182023      |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 38.2  | 18.5 55.5   |
| 148         | 66.0  | 32.7 98.1   |



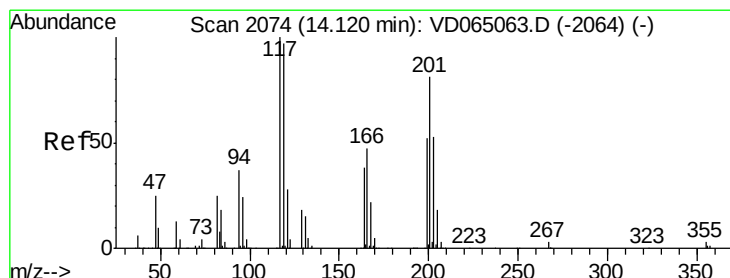
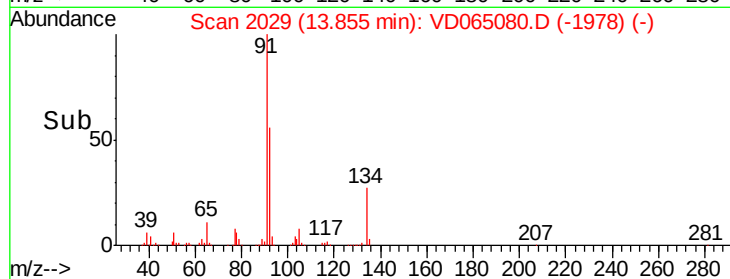
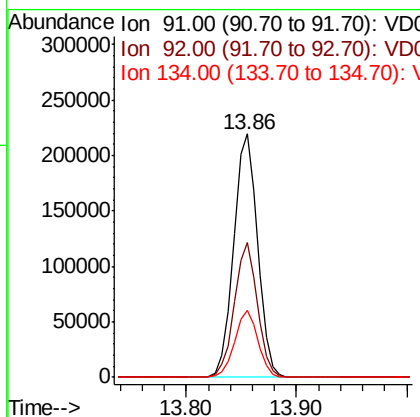
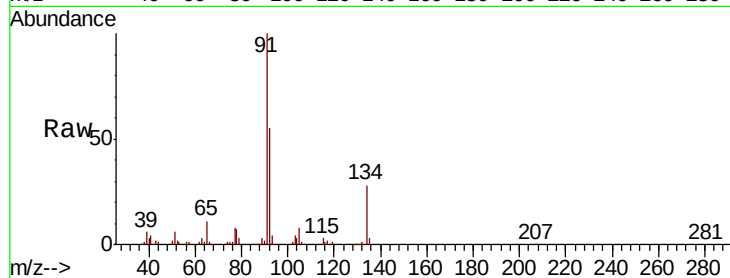




#89  
n-Butylbenzene  
Concen: 19.566 ug/l  
RT: 13.86 min Scan# 2029  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

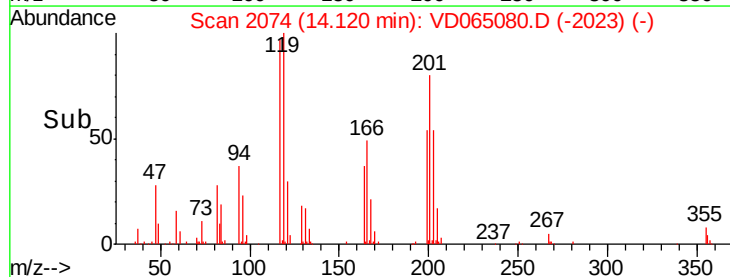
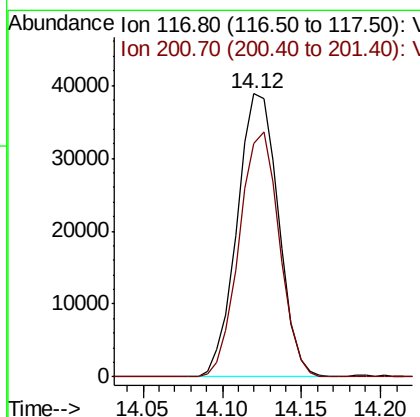
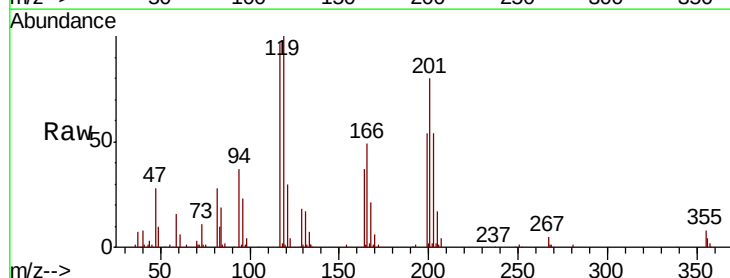
Instrument :  
MSVOA\_D  
ClientSampled :

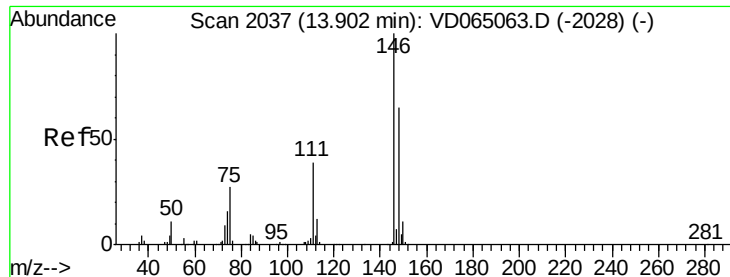
Tot Ion: 91 Resp: 333983  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.7 80.1  
134 26.6 13.4 40.2



#90  
Hexachloroethane  
Concen: 20.156 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. 0.00 min  
Lab File: VD065080.D  
Acq: 06 Feb 2020 12:05

Tgt Ion: 117 Resp: 70586  
Ion Ratio Lower Upper  
117 100  
201 83.9 42.5 127.6

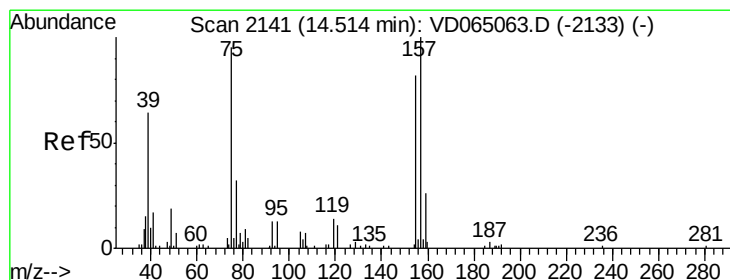
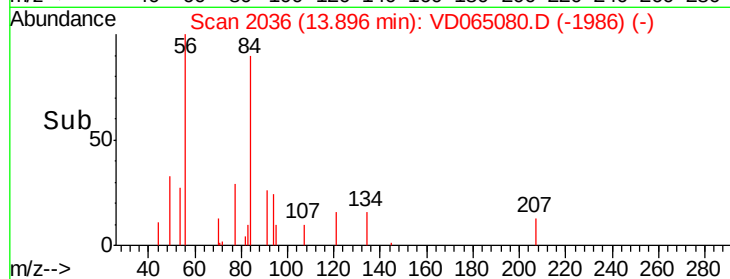
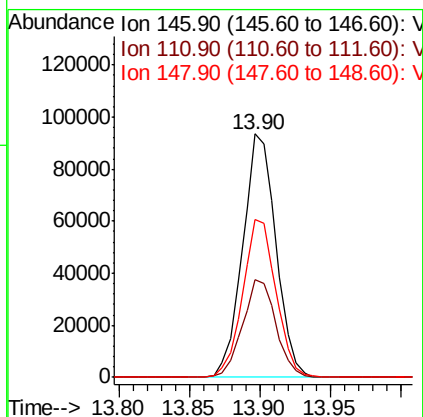
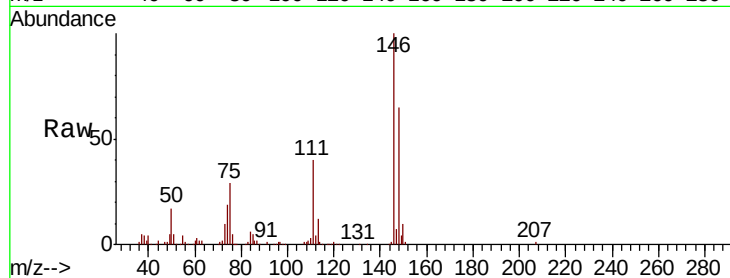




#91  
 1,2-Dichlorobenzene  
 Concen: 19.327 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. -0.01 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

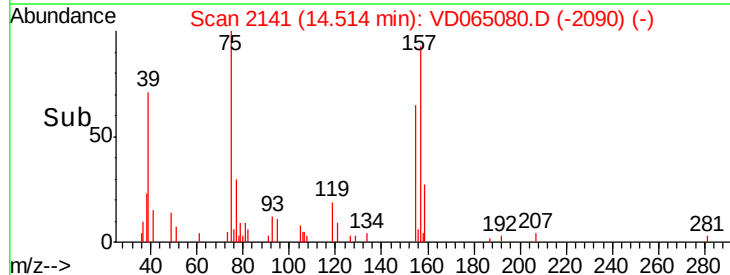
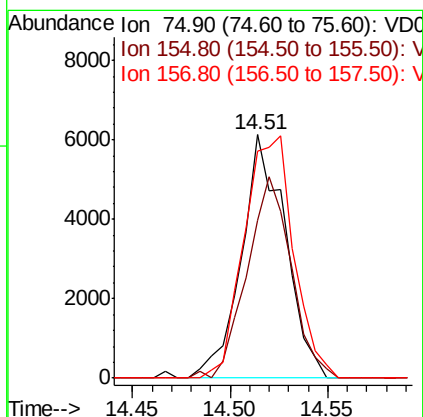
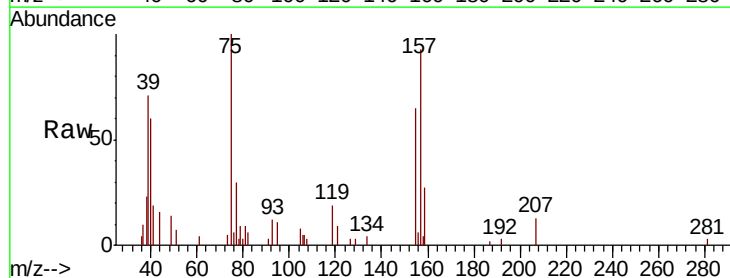
Instrument :  
 MSVOA\_D  
 ClientSampleId :

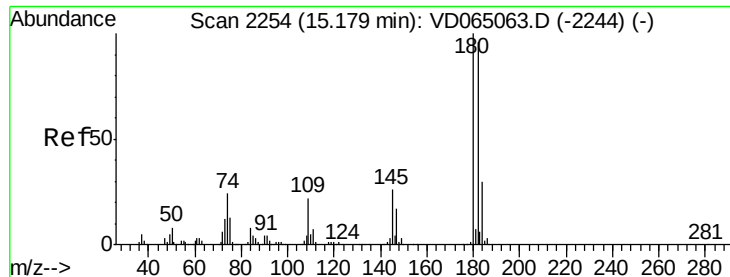
Tot Ion:146 Resp: 154193  
 Ion Ratio Lower Upper  
 146 100  
 111 40.2 19.7 59.1  
 148 65.0 31.9 95.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.047 ug/l  
 RT: 14.51 min Scan# 2141  
 Delta R.T. 0.00 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

Tgt Ion: 75 Resp: 9574  
 Ion Ratio Lower Upper  
 75 100  
 155 83.0 43.4 130.1  
 157 112.0 55.8 167.3

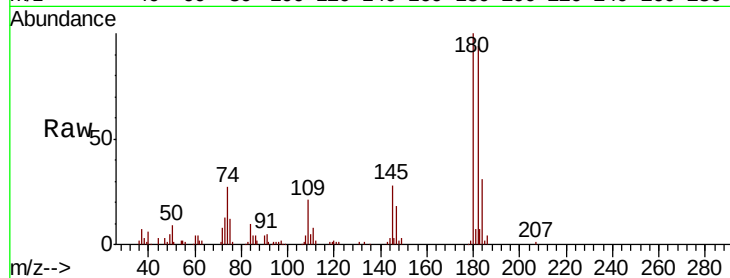




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.353 ug/l  
 RT: 15.18 min Scan# 2254  
 Delta R.T. 0.00 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.0  | 47.4  | 142.3 |
| 145     | 27.8  | 14.1  | 42.4  |

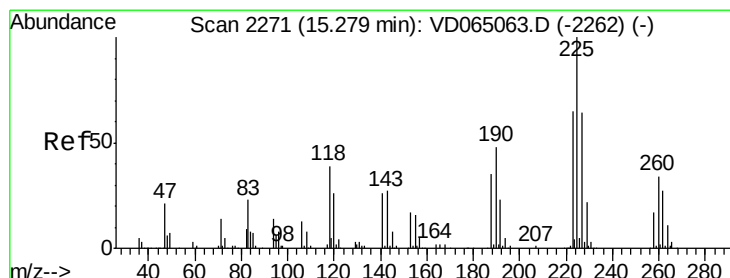
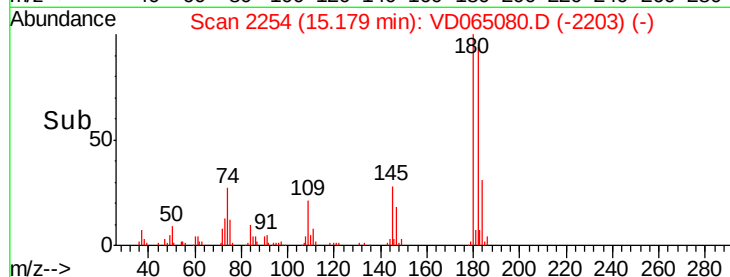
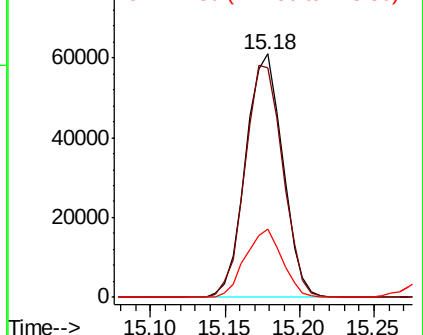


Abundance

Ion 179.80 (179.50 to 180.50): V

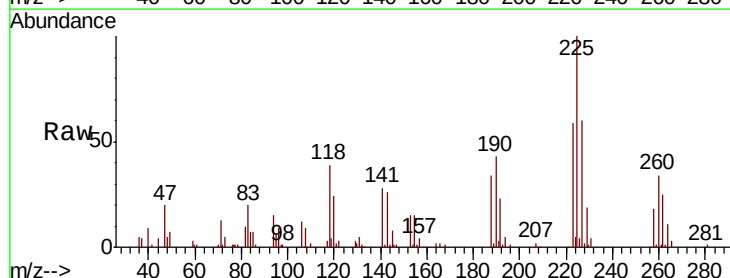
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 19.141 ug/l  
 RT: 15.28 min Scan# 2272  
 Delta R.T. 0.01 min  
 Lab File: VD065080.D  
 Acq: 06 Feb 2020 12:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 31.4  | 94.0  |
| 227     | 63.3  | 31.8  | 95.3  |

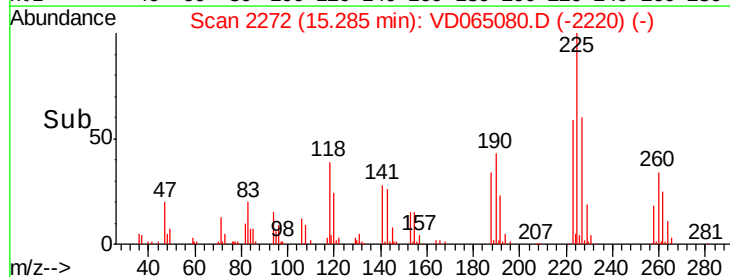
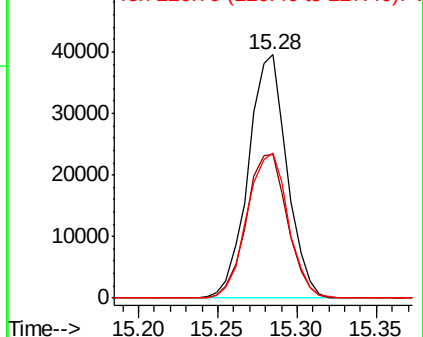


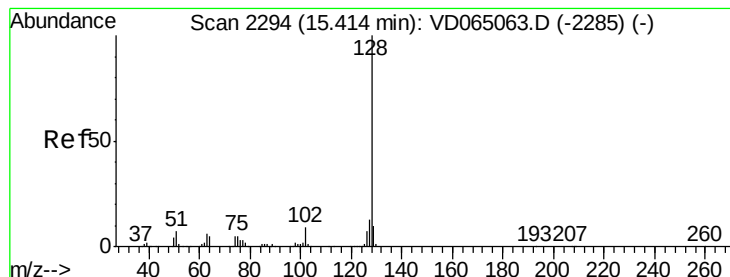
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.352 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

Instrument :

MSVOA\_D

ClientSampled :

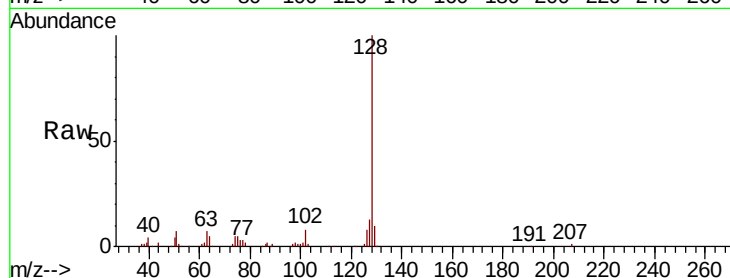
Tot Ion:128 Resp: 154975

Ion Ratio Lower Upper

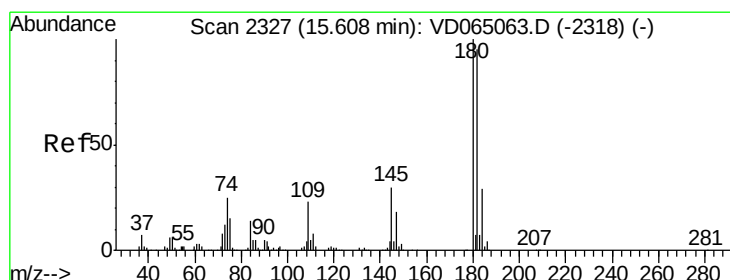
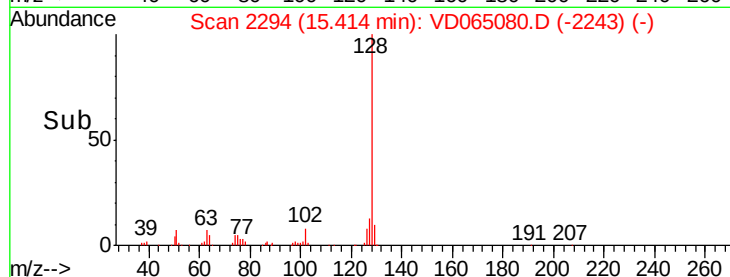
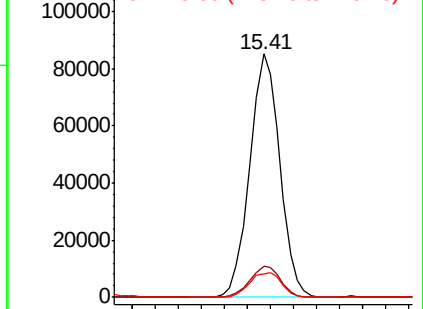
128 100

127 12.8 10.6 15.8

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.147 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD065080.D

Acq: 06 Feb 2020 12:05

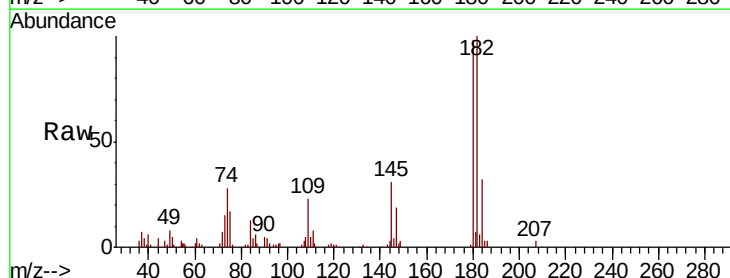
Tgt Ion:180 Resp: 88511

Ion Ratio Lower Upper

180 100

182 96.3 47.1 141.4

145 30.9 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

