

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021320\  
 Data File : VD065182.D  
 Acq On : 13 Feb 2020 17:42  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Feb 14 07:19:42 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  | 445591   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 656685   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 595791   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 297070   | 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   | 206909   | 54.63 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 109.26% |          |
| 35) Dibromofluoromethane    | 7.92  | 113  | 210685   | 57.50 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 115.00% |          |
| 50) Toluene-d8              | 10.34 | 98   | 812896   | 55.74 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 111.48% |          |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 257170   | 55.65 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 111.30% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85   | 181963   | 49.072  | ug/l   | 98     |
| 3) Chloromethane              | 2.21 | 50   | 233852   | 53.575  | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.35 | 62   | 236350   | 51.199  | ug/l   | 100    |
| 5) Bromomethane               | 2.77 | 94   | 140646   | 46.989  | ug/l   | 98     |
| 6) Chloroethane               | 2.92 | 64   | 150638   | 52.606  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 3.27 | 101  | 344525   | 51.284  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.71 | 74   | 103196   | 53.508  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101  | 214142   | 52.142  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.29 | 142  | 234291   | 49.981  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.24 | 59   | 56533    | 244.319 | ug/l # | 87     |
| 12) 1,1-Dichloroethene        | 4.06 | 96   | 198675   | 50.511  | ug/l   | 99     |
| 13) Acrolein                  | 3.93 | 56   | 78549    | 275.995 | ug/l   | 99     |
| 14) Allyl chloride            | 4.71 | 41   | 348076   | 53.246  | ug/l   | 97     |
| 15) Acrylonitrile             | 5.43 | 53   | 234968   | 278.674 | ug/l   | 99     |
| 16) Acetone                   | 4.17 | 43   | 234010   | 247.145 | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.40 | 76   | 645644   | 51.124  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.73 | 43   | 110794   | 56.006  | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 5.49 | 73   | 458268   | 52.687  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.96 | 84   | 232007   | 56.132  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96   | 234752   | 52.752  | ug/l   | 99     |
| 22) Diisopropyl ether         | 6.37 | 45   | 696403   | 56.478  | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.31 | 43   | 1937577  | 281.920 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.27 | 63   | 403315   | 54.039  | ug/l   | 98     |
| 25) 2-Butanone                | 7.22 | 43   | 317377   | 281.000 | ug/l   | 96     |
| 26) 2,2-Dichloropropane       | 7.21 | 77   | 346021   | 51.725  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96   | 255881   | 54.125  | ug/l   | 97     |
| 28) Bromochloromethane        | 7.55 | 49   | 162269   | 57.355  | ug/l   | 100    |
| 29) Tetrahydrofuran           | 7.57 | 42   | 194846   | 285.271 | ug/l   | 98     |
| 30) Chloroform                | 7.71 | 83   | 406458   | 54.695  | ug/l   | 99     |
| 31) Cyclohexane               | 7.98 | 56   | 372241   | 49.409  | ug/l   | 100    |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97   | 365560   | 52.807  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 8.11 | 75   | 324873   | 53.204  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.30 | 43   | 137978   | 55.311  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 8.10 | 117  | 324284   | 51.998  | ug/l   | 99     |

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Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Feb 14 07:19:42 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   | 388047   | 51.486   | ug/l   | 98       |
| 40) Benzene                    | 8.36  | 78   | 921205   | 54.632   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.57  | 41   | 190848   | 138.867  | ug/l # | 19       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 256982   | 53.486   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 256906   | 53.836   | ug/l   | 100      |
| 44) Trichloroethene            | 9.11  | 130  | 252739   | 52.219   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 230788   | 57.085   | ug/l   | 97       |
| 46) Dibromomethane             | 9.48  | 93   | 119586   | 56.291   | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.67  | 83   | 313550   | 56.015   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.46  | 41   | 121639   | 52.972   | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 29732    | 1181.609 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 670917   | 285.637  | ug/l   | 100      |
| 52) Toluene                    | 10.41 | 92   | 590654   | 54.883   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 299051   | 54.871   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.10 | 75   | 357096   | 54.784   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.81 | 97   | 162465   | 55.754   | ug/l   | 94       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 205348   | 55.696   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 284092   | 55.444   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.95  | 63   | 299398   | 251.440  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.99 | 43   | 476788   | 286.576  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.15 | 129  | 210384   | 55.741   | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 158023   | 55.500   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 213630   | 49.901   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.68 | 112  | 615699   | 53.430   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 230454   | 54.185   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.75 | 91   | 1112932  | 53.159   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 853275   | 106.783  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 381631   | 53.035   | ug/l   | 100      |
| 70) Styrene                    | 12.20 | 104  | 683377   | 54.642   | ug/l   | 100      |
| 71) Bromoform                  | 12.37 | 173  | 126964   | 55.462   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 1043735  | 51.189   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.30 | 43   | 233656   | 52.722   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 172614   | 53.790   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 234168   | 104.115  | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 248644   | 50.614   | ug/l   | 98       |
| 78) n-propylbenzene            | 12.83 | 91   | 1240613  | 51.956   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 686711   | 51.594   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 855814   | 51.305   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.54 | 75   | 58981    | 52.446   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 718485   | 51.398   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.23 | 119  | 708450   | 49.228   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.28 | 105  | 856955   | 51.747   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 1015977  | 51.689   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.53 | 119  | 953006   | 52.184   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.53 | 146  | 477744   | 51.941   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 466813   | 50.993   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.86 | 91   | 878999   | 52.147   | ug/l   | 100      |
| 90) Hexachloroethane           | 14.12 | 117  | 183826   | 53.158   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 409483   | 51.976   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.52 | 75   | 26910    | 51.370   | ug/l   | 95       |

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Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Feb 14 07:19:42 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

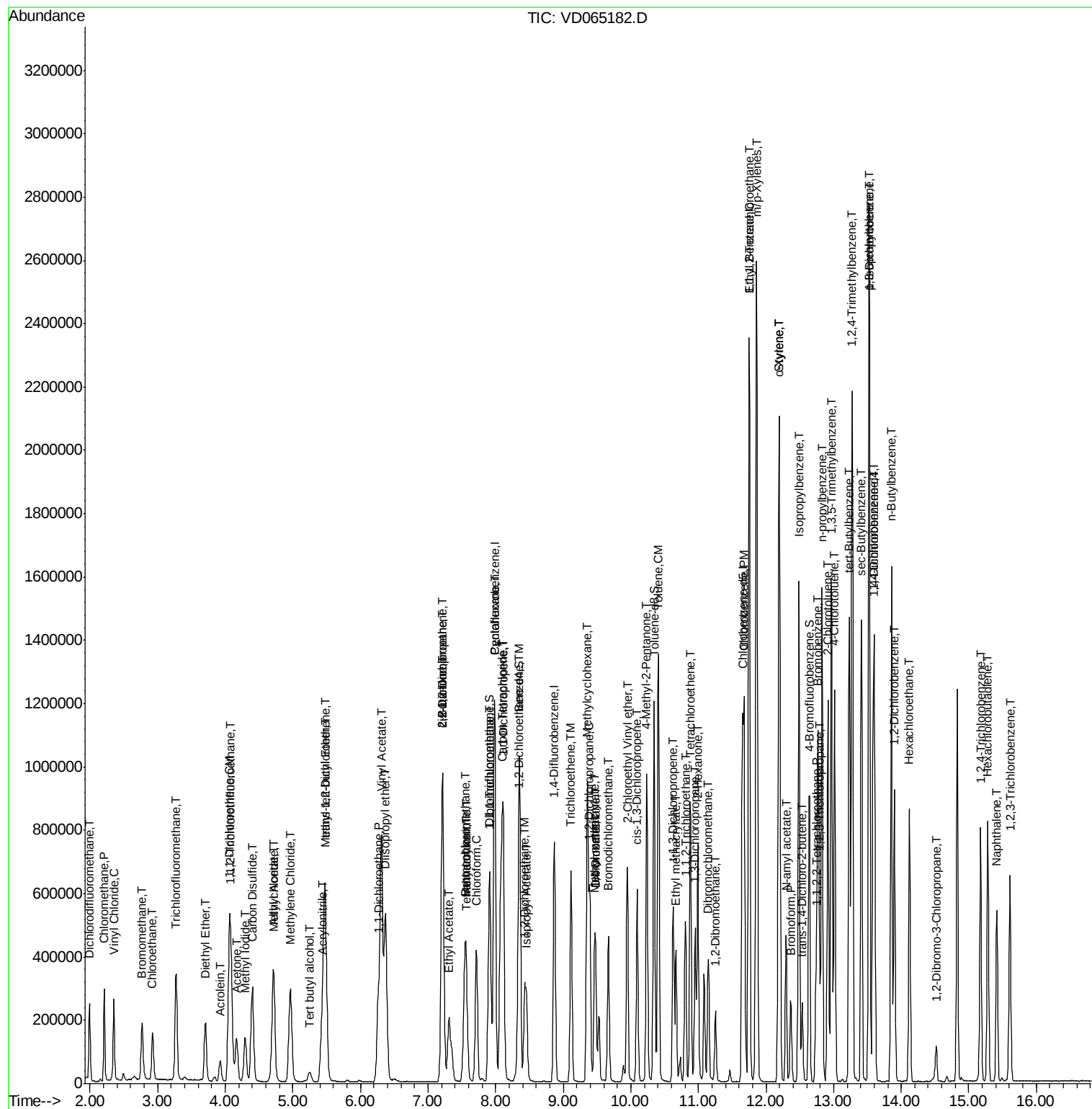
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 278710   | 49.497 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 167505   | 48.380 | ug/l  | 99       |
| 95) Naphthalene            | 15.41 | 128  | 466576   | 49.853 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.61 | 180  | 238875   | 49.596 | ug/l  | 100      |

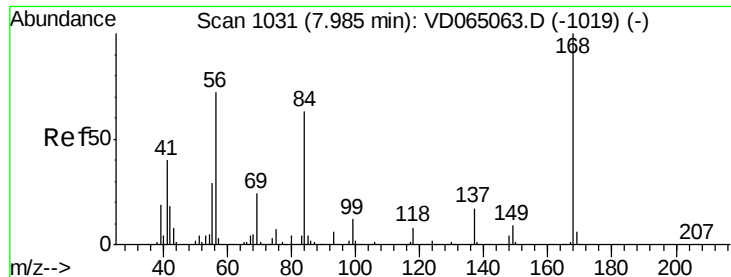
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021320\  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

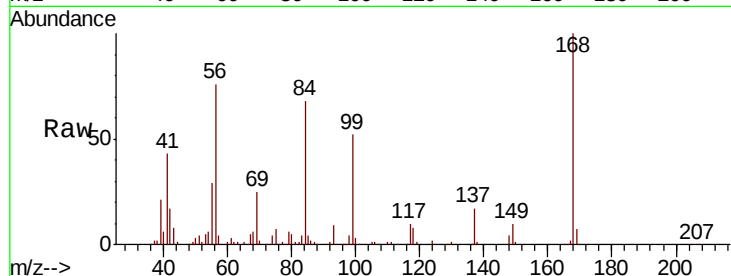
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:168 Resp: 445591

Ion Ratio Lower Upper

168 100

99 51.6 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

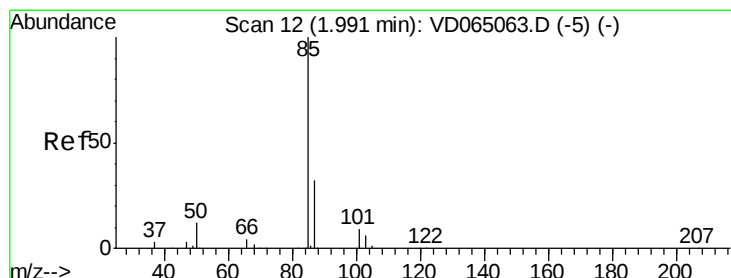
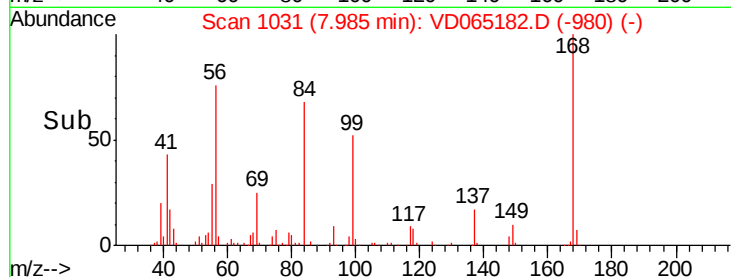
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.072 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065182.D

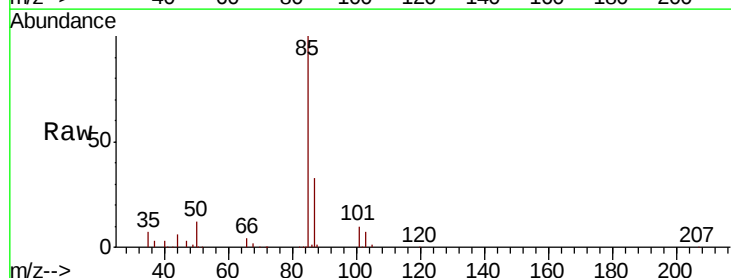
Acq: 13 Feb 2020 17:42

Tgt Ion: 85 Resp: 181963

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

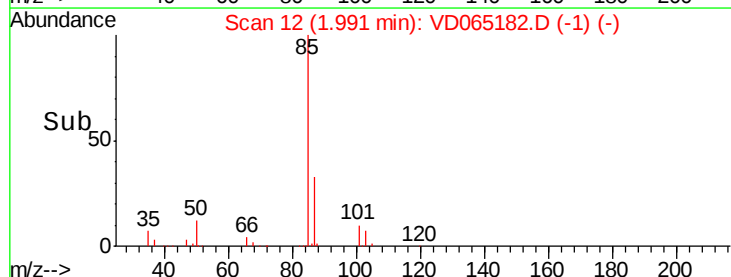
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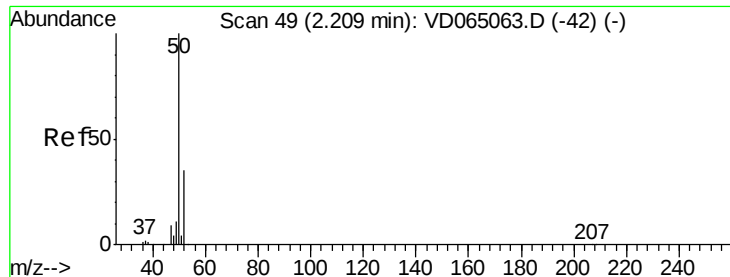
100000

50000

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Time-->





#3

Chloromethane

Concen: 53.575 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

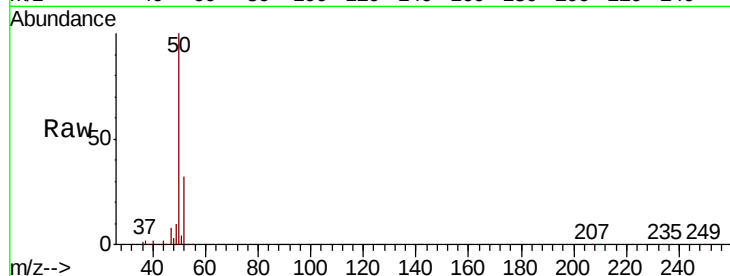
ClientSampleId :

Tot Ion: 50 Resp: 233852

Ion Ratio Lower Upper

50 100

52 32.2 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

200000

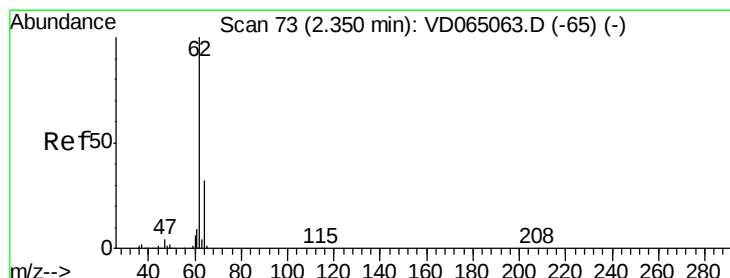
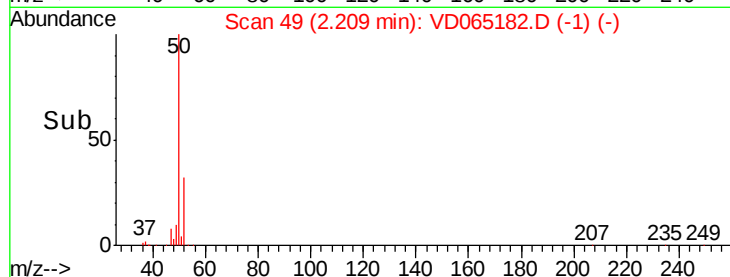
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 51.199 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065182.D

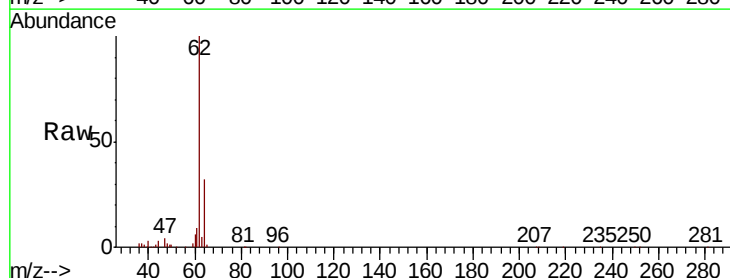
Acq: 13 Feb 2020 17:42

Tgt Ion: 62 Resp: 236350

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

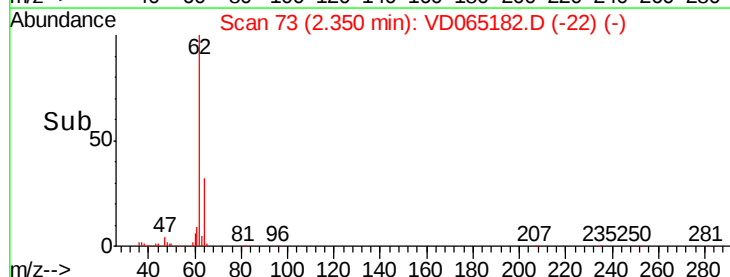
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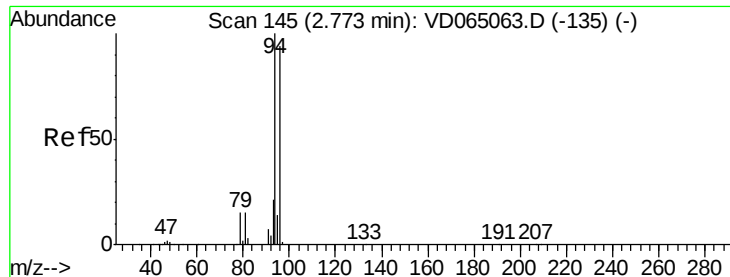
100000

50000

0

Time-->





#5

Bromomethane

Concen: 46.989 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

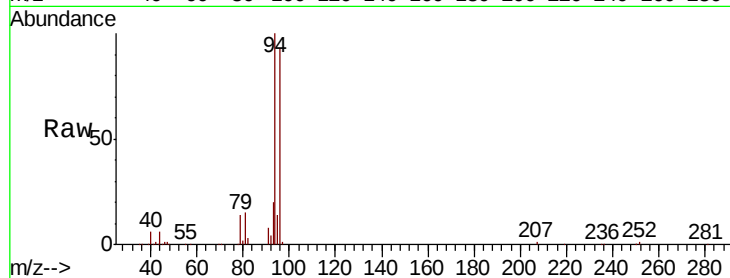
ClientSampleId :

Tot Ion: 94 Resp: 140646

Ion Ratio Lower Upper

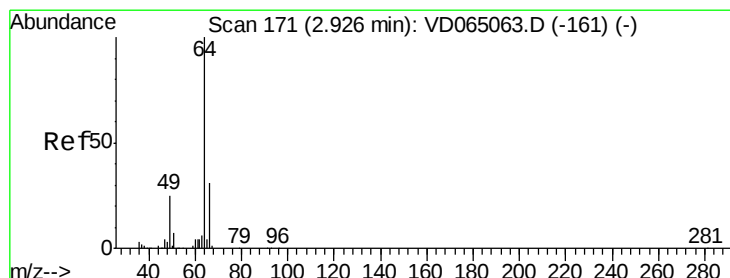
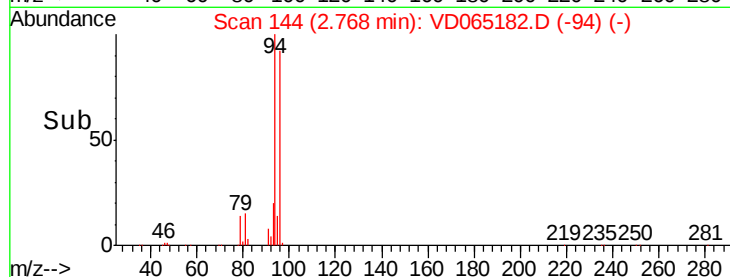
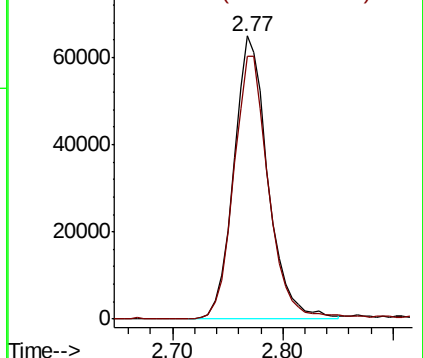
94 100

96 92.3 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: 52.606 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065182.D

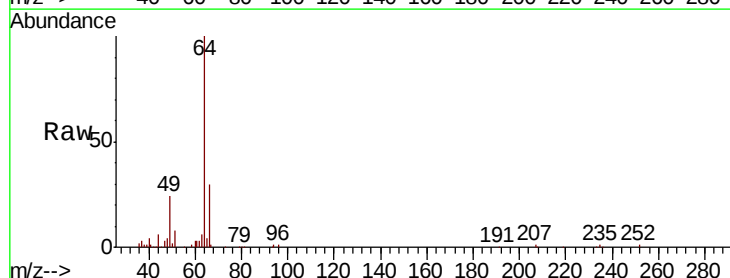
Acq: 13 Feb 2020 17:42

Tgt Ion: 64 Resp: 150638

Ion Ratio Lower Upper

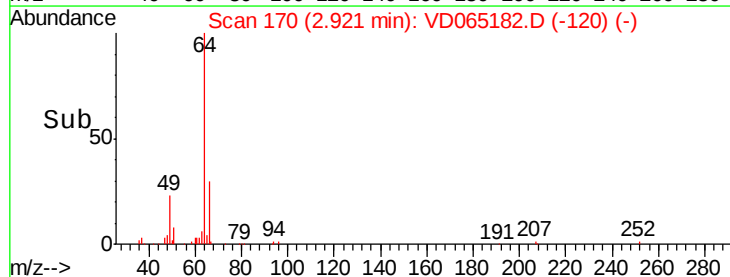
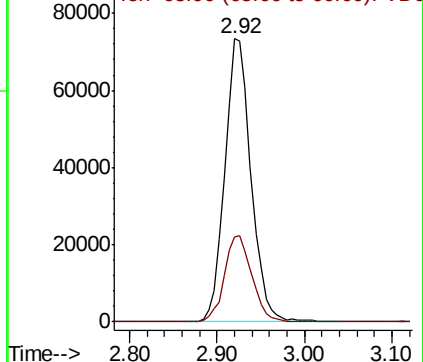
64 100

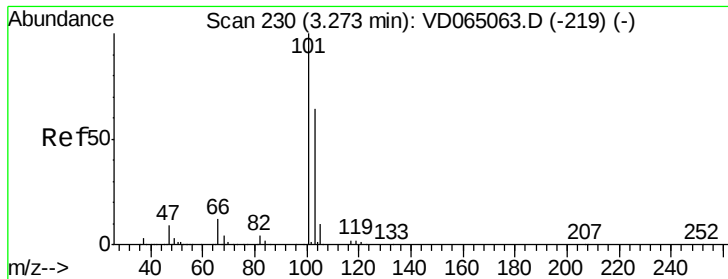
66 30.0 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



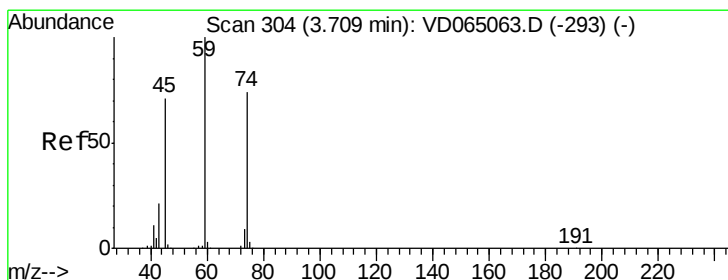
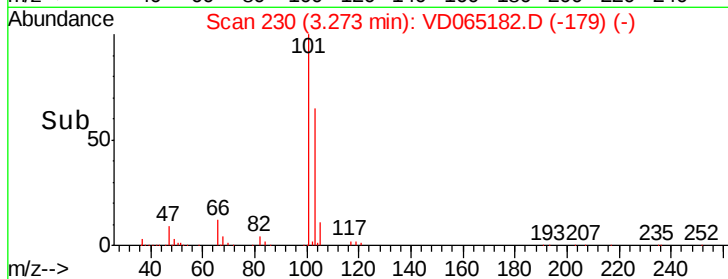
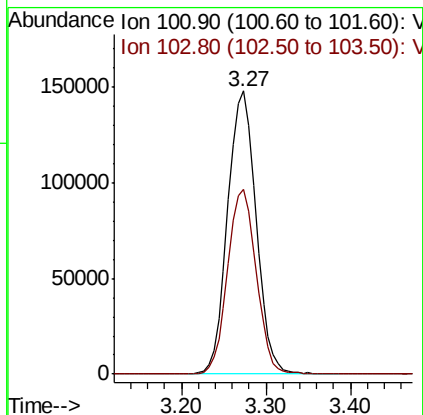
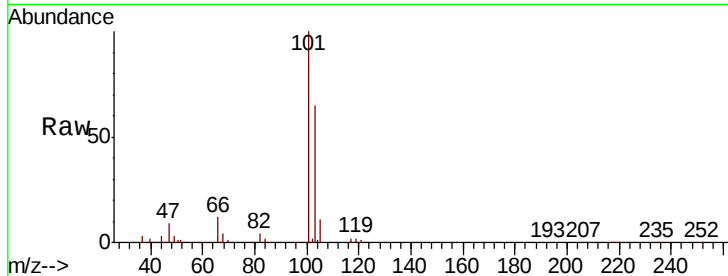


#7

Trichlorofluoromethane  
 Concen: 51.284 ug/l  
 RT: 3.27 min Scan# 230  
 Delta R.T. -0.00 min  
 Lab File: VD065182.D  
 Acq: 13 Feb 2020 17:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :

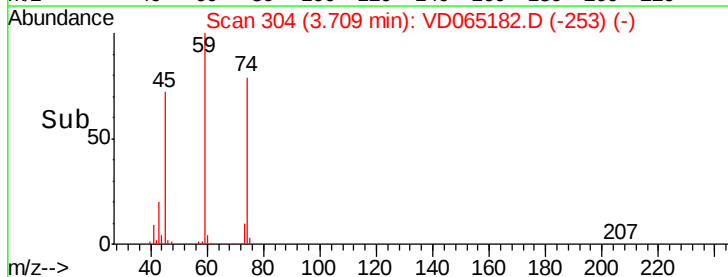
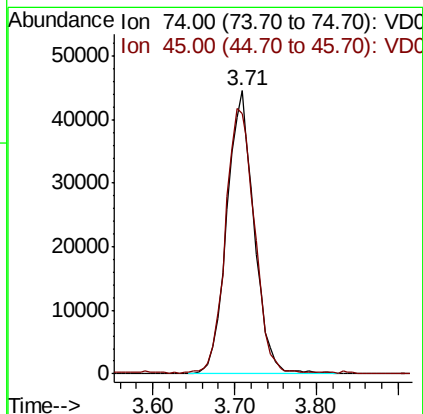
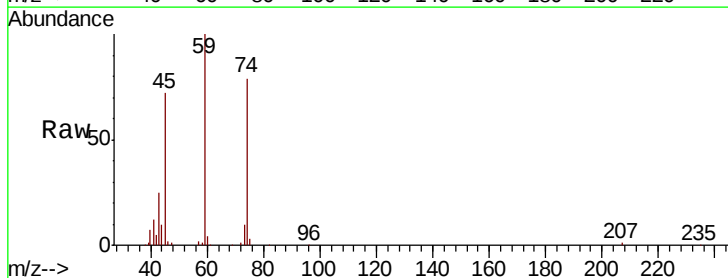
Tot Ion:101 Resp: 344525  
 Ion Ratio Lower Upper  
 101 100  
 103 65.4 51.0 76.6

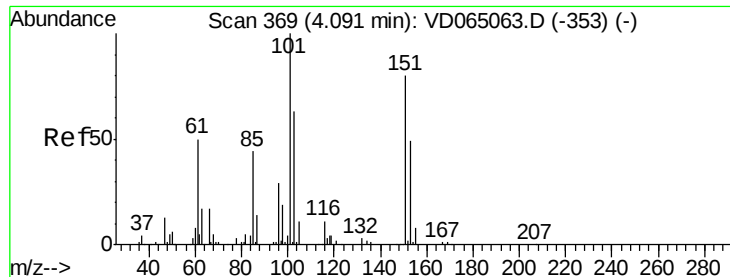


#8

Diethyl Ether  
 Concen: 53.508 ug/l  
 RT: 3.71 min Scan# 304  
 Delta R.T. -0.00 min  
 Lab File: VD065182.D  
 Acq: 13 Feb 2020 17:42

Tgt Ion: 74 Resp: 103196  
 Ion Ratio Lower Upper  
 74 100  
 45 98.8 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.142 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

ClientSampleId :

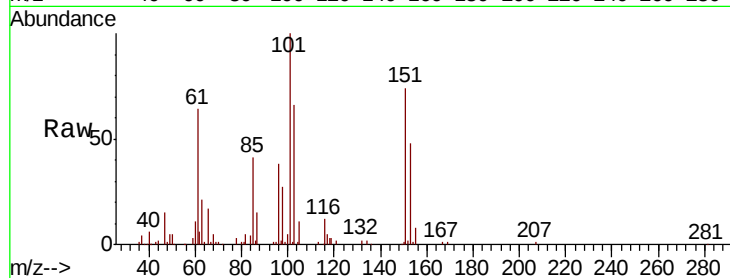
Tot Ion:101 Resp: 214142

Ion Ratio Lower Upper

101 100

85 43.2 34.0 51.0

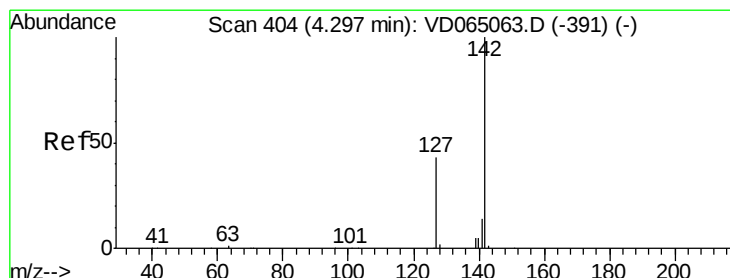
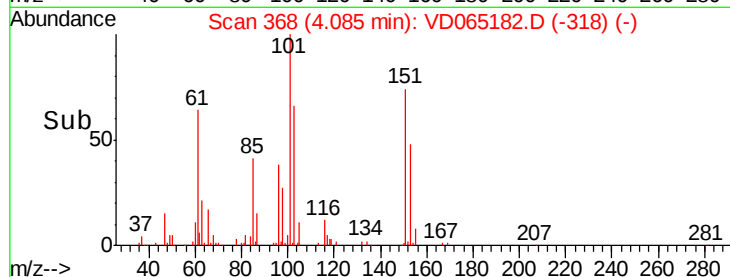
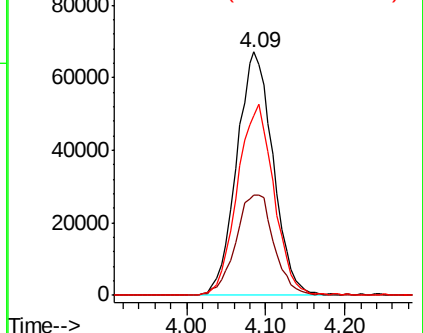
151 78.5 64.0 96.0



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: 49.981 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

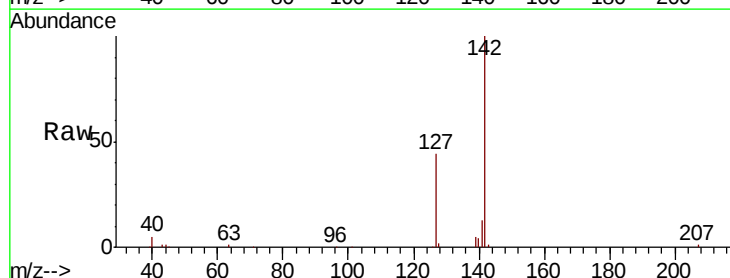
Tgt Ion:142 Resp: 234291

Ion Ratio Lower Upper

142 100

127 44.0 34.0 51.0

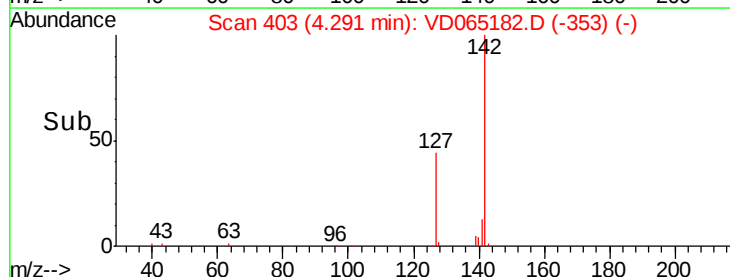
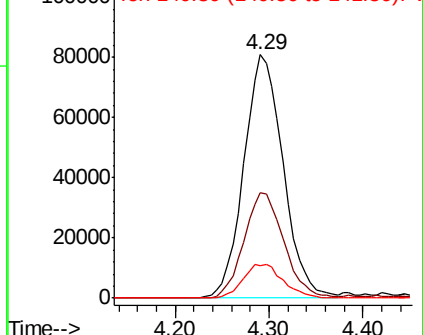
141 14.1 11.6 17.4

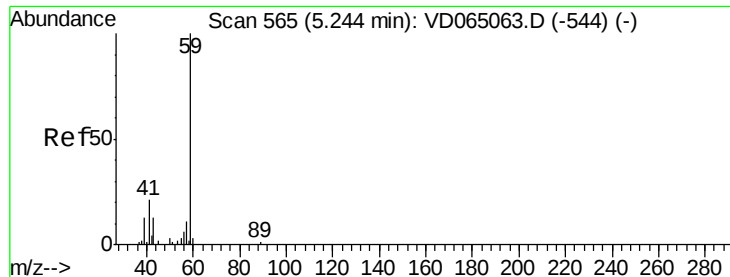


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

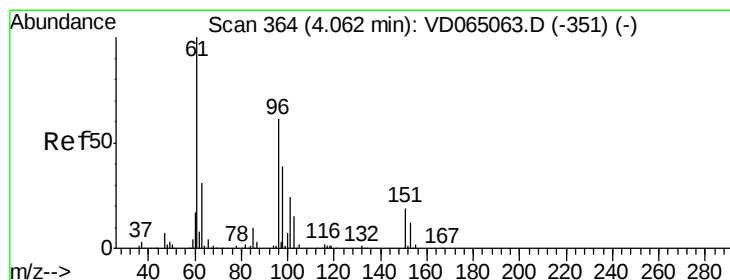
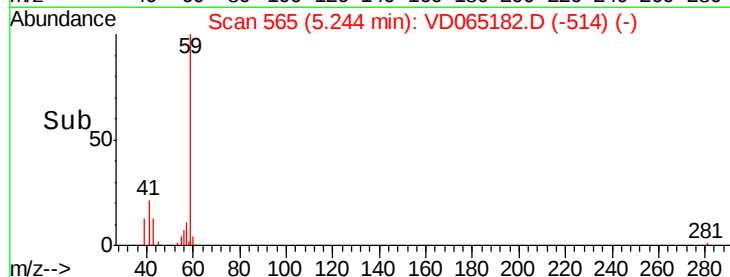
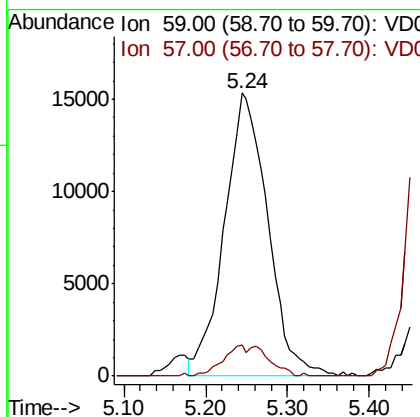
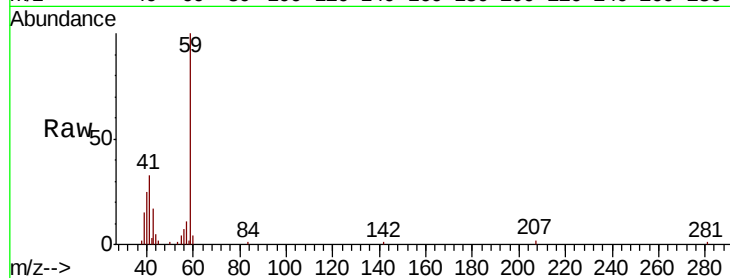




#11  
Tert butyl alcohol  
Concen: 244.319 ug/l  
RT: 5.24 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

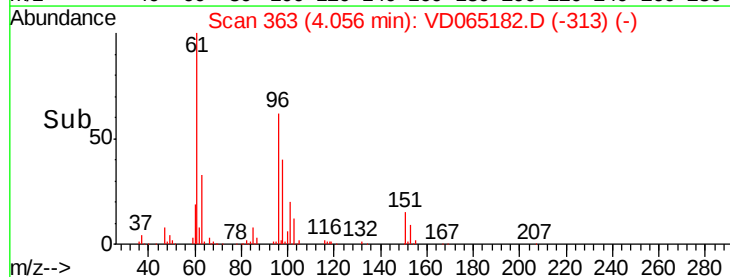
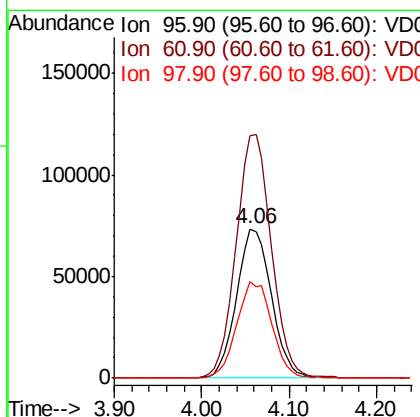
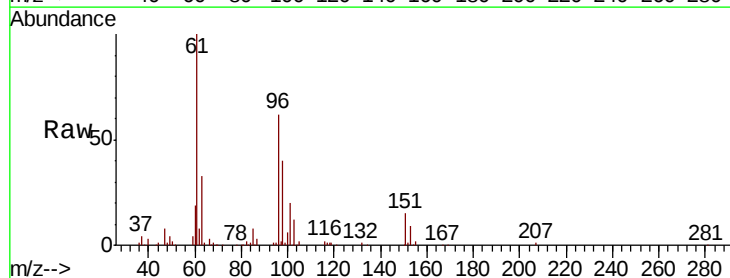
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 59 Resp: 56533  
Ion Ratio Lower Upper  
59 100  
57 6.0 8.8 13.2#



#12  
1,1-Dichloroethene  
Concen: 50.511 ug/l  
RT: 4.06 min Scan# 363  
Delta R.T. -0.01 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion: 96 Resp: 198675  
Ion Ratio Lower Upper  
96 100  
61 162.2 131.4 197.2  
98 64.6 51.1 76.7





#13

Acrolein

Concen: 275.995 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

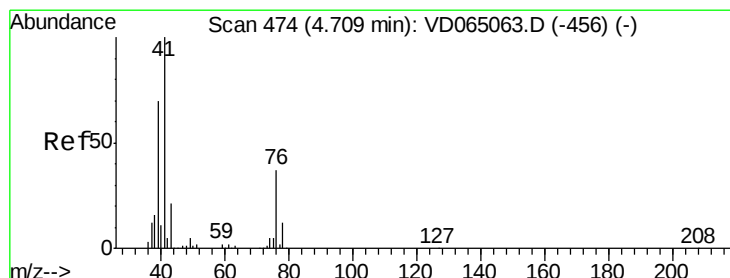
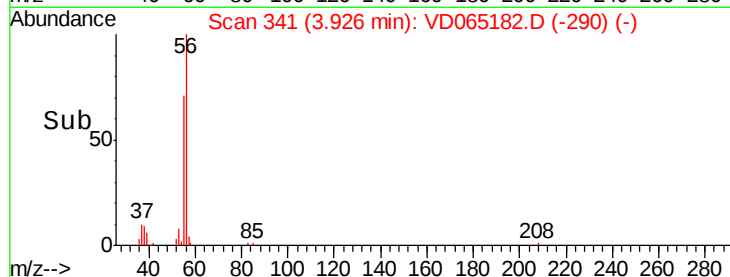
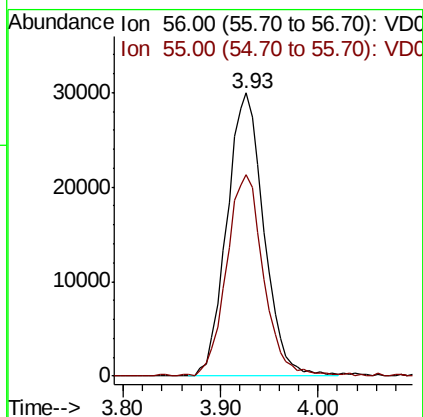
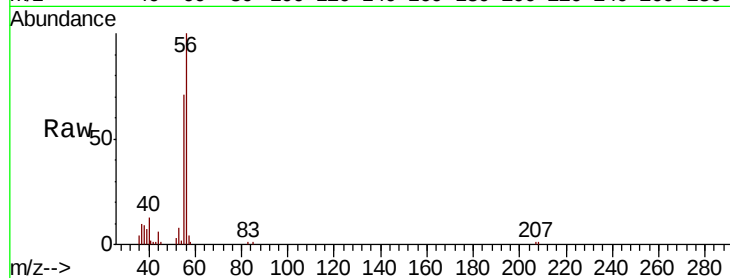
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 56 Resp: 78549

Ion Ratio Lower Upper

56 100

55 71.5 58.2 87.2



#14

Allyl chloride

Concen: 53.246 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

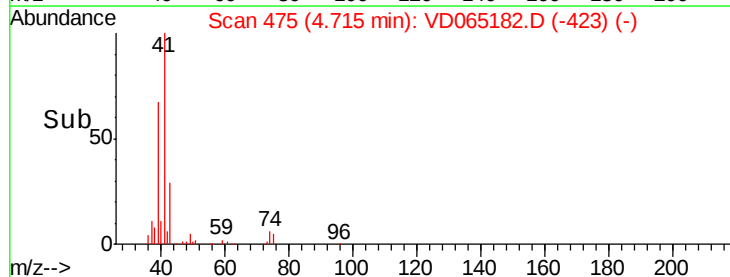
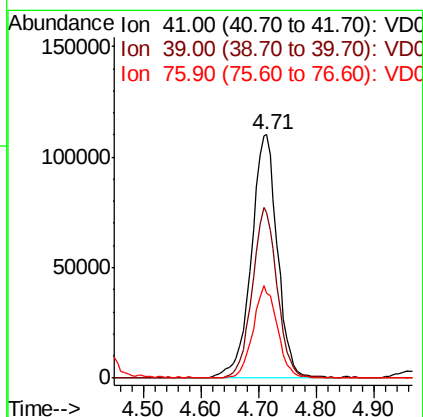
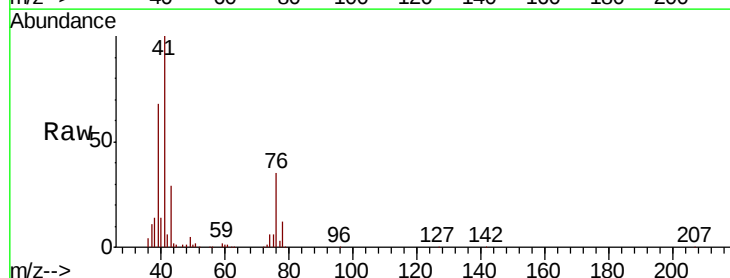
Tgt Ion: 41 Resp: 348076

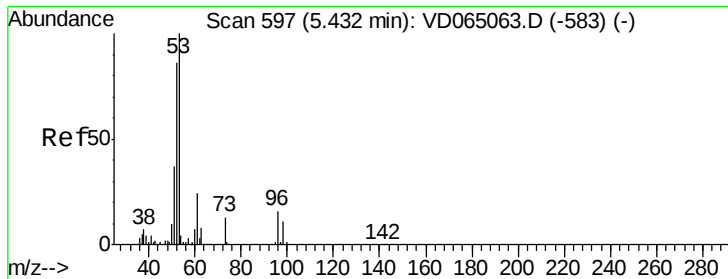
Ion Ratio Lower Upper

41 100

39 67.2 57.1 85.7

76 34.9 28.0 42.0





#15

Acrylonitrile

Concen: 278.674 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

ClientSampleId :

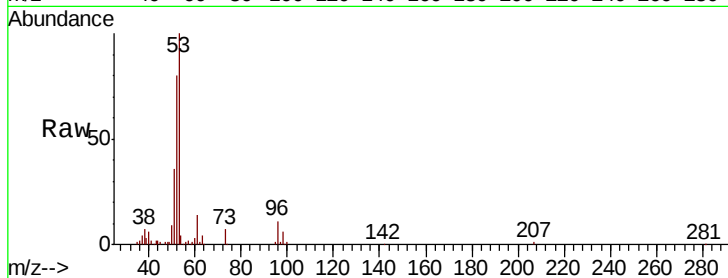
Tot Ion: 53 Resp: 234968

Ion Ratio Lower Upper

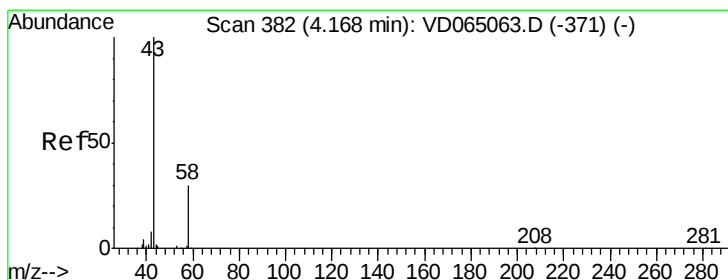
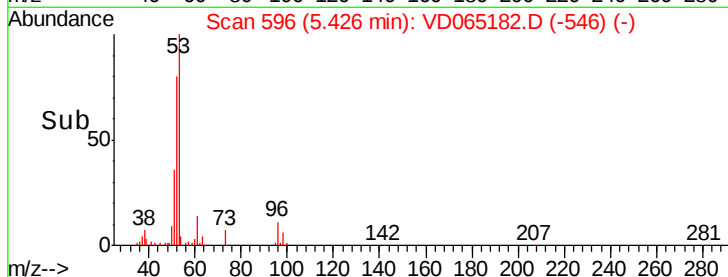
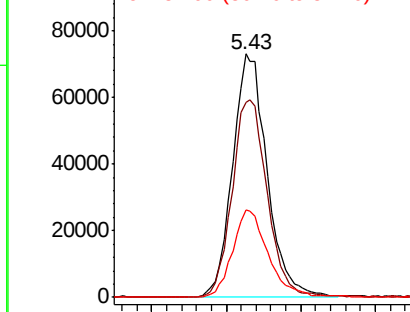
53 100

52 82.3 66.2 99.2

51 36.9 30.4 45.6



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



#16

Acetone

Concen: 247.145 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065182.D

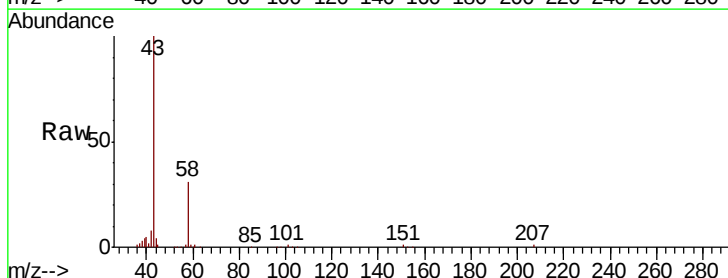
Acq: 13 Feb 2020 17:42

Tgt Ion: 43 Resp: 234010

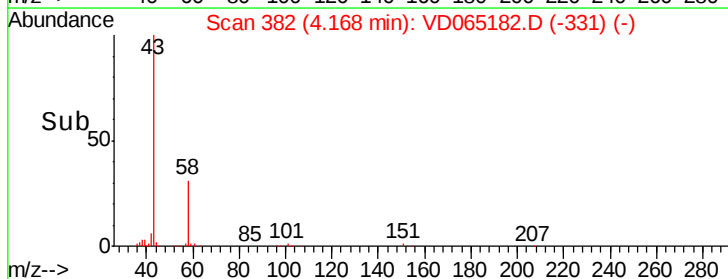
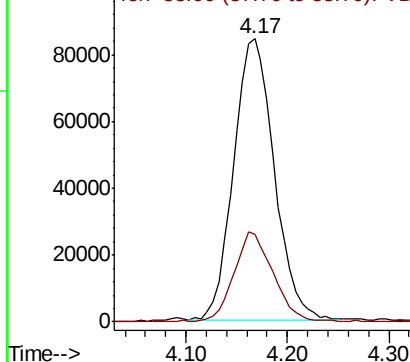
Ion Ratio Lower Upper

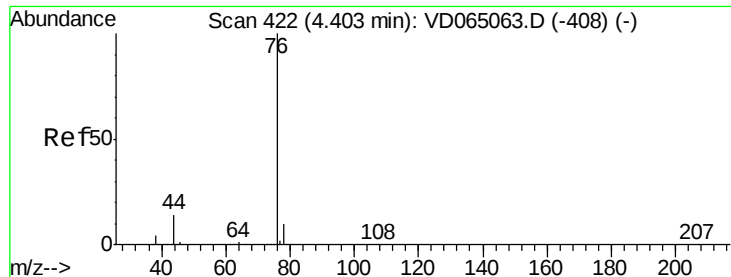
43 100

58 31.1 23.5 35.3



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

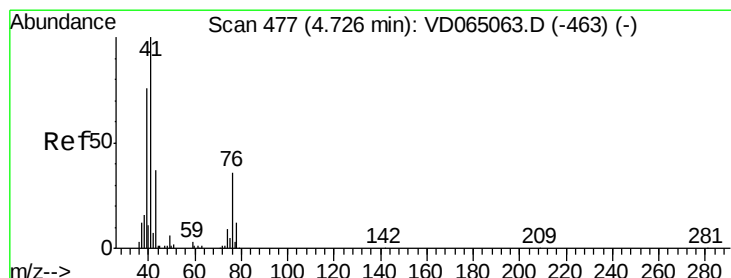
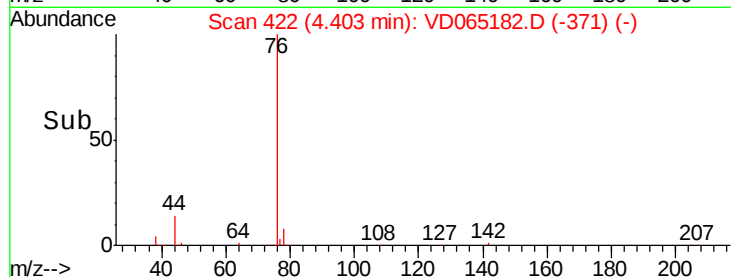
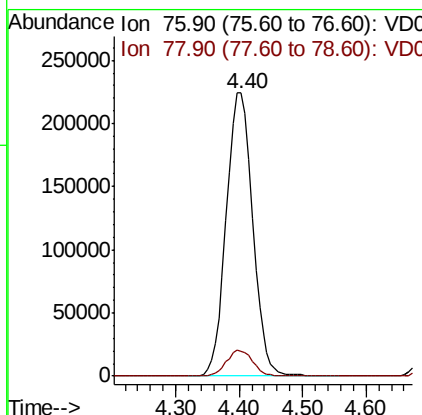
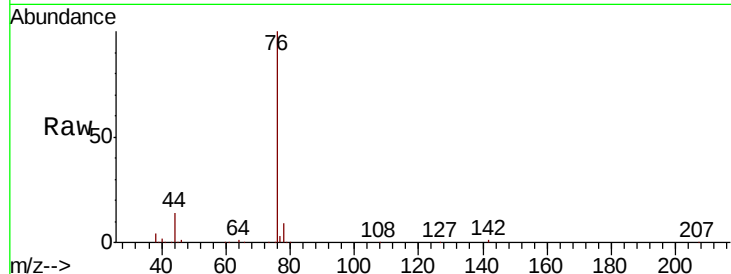




#17  
Carbon Disulfide  
Concen: 51.124 ug/l  
RT: 4.40 min Scan# 422  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

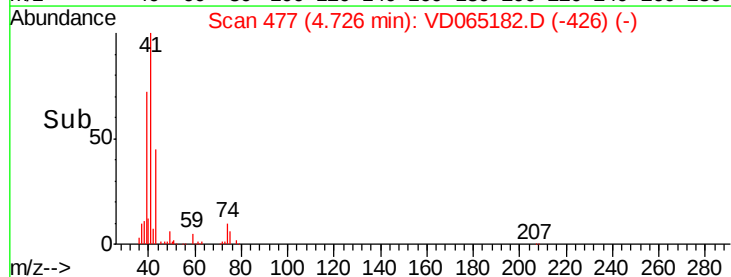
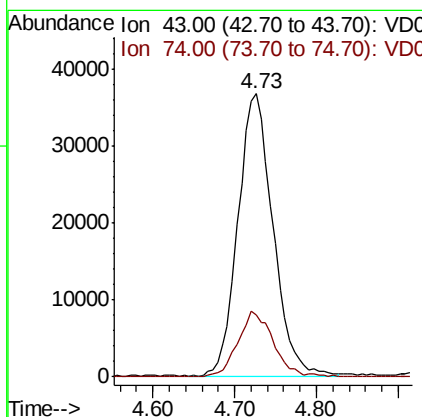
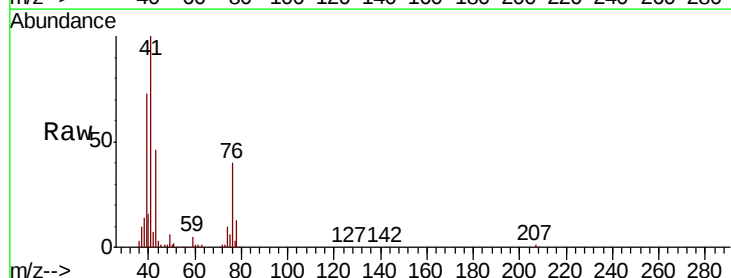
Instrument :  
MSVOA\_D  
ClientSampleId :

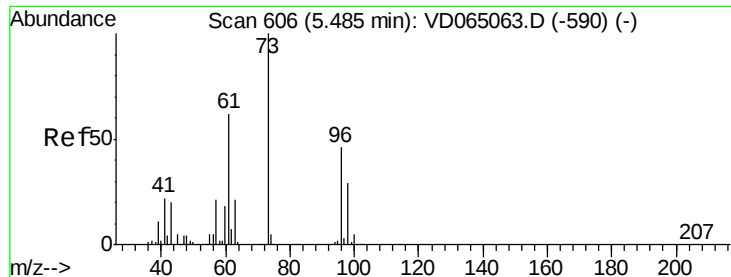
Tot Ion: 76 Resp: 645644  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.6 11.4



#18  
Methyl Acetate  
Concen: 56.006 ug/l  
RT: 4.73 min Scan# 477  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion: 43 Resp: 110794  
Ion Ratio Lower Upper  
43 100  
74 23.2 18.7 28.1

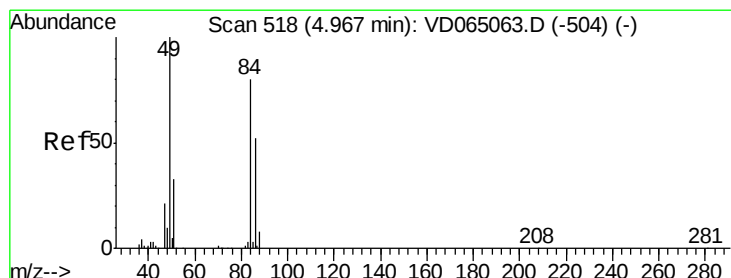
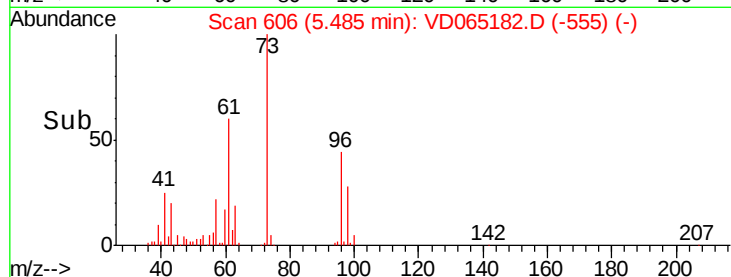
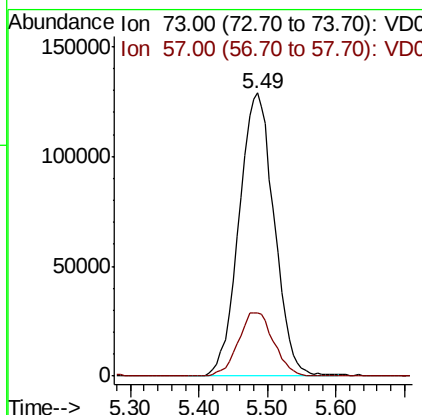
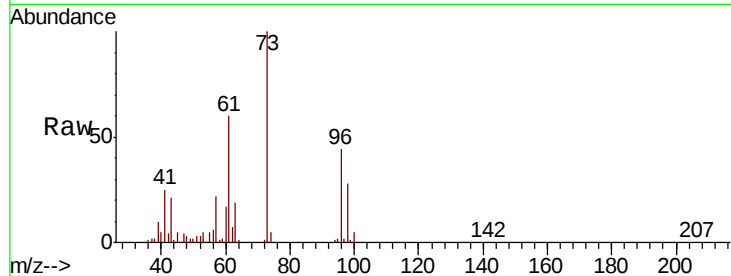




#19  
Methyl tert-butyl Ether  
Concen: 52.687 ug/l  
RT: 5.49 min Scan# 606  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

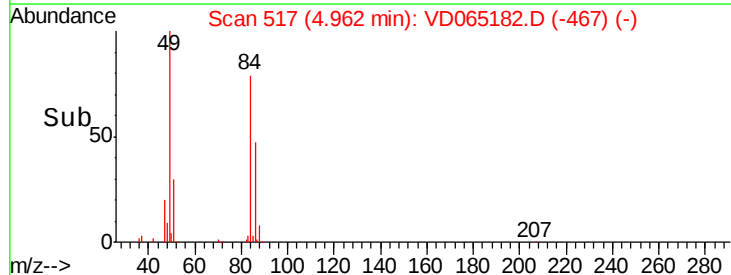
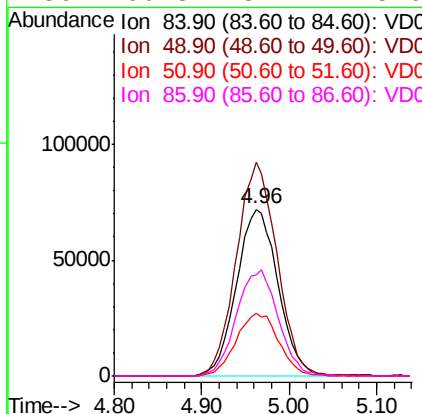
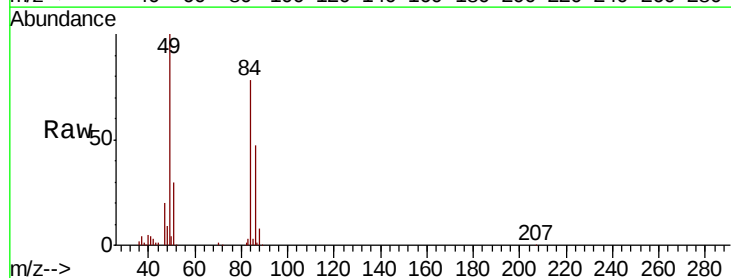
Instrument :  
MSVOA\_D  
ClientSampled :

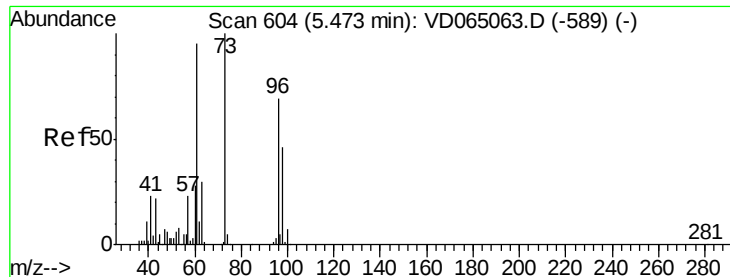
Tot Ion: 73 Resp: 458268  
Ion Ratio Lower Upper  
73 100  
57 22.5 16.8 25.2



#20  
Methylene Chloride  
Concen: 56.132 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. -0.01 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion: 84 Resp: 232007  
Ion Ratio Lower Upper  
84 100  
49 128.0 100.4 150.6  
51 38.0 32.7 49.1  
86 60.3 52.4 78.6





#21

trans-1,2-Dichloroethene

Concen: 52.752 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

ClientSampled :

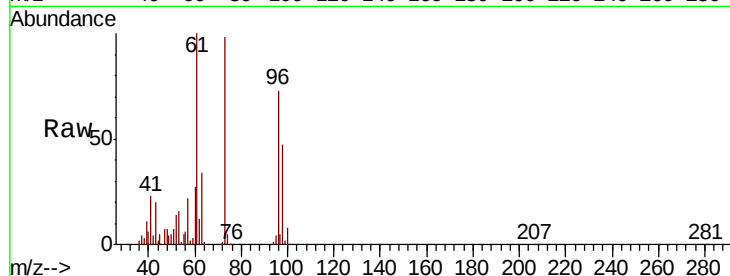
Tot Ion: 96 Resp: 234752

Ion Ratio Lower Upper

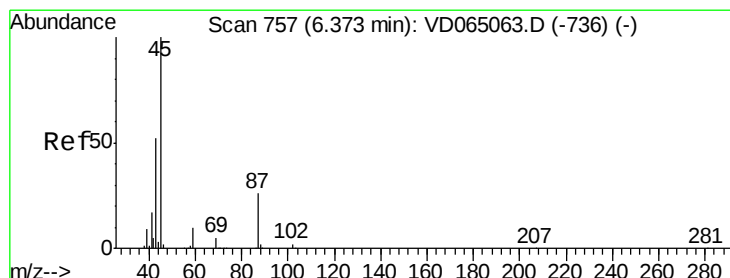
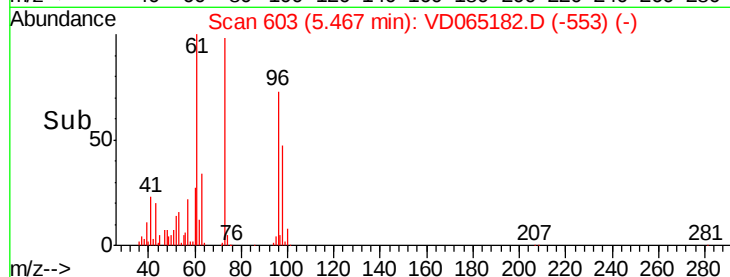
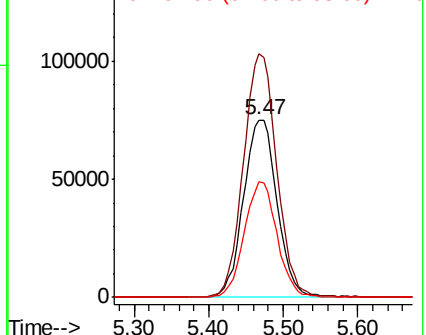
96 100

61 137.2 109.5 164.3

98 64.8 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: 56.478 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Tgt Ion: 45 Resp: 696403

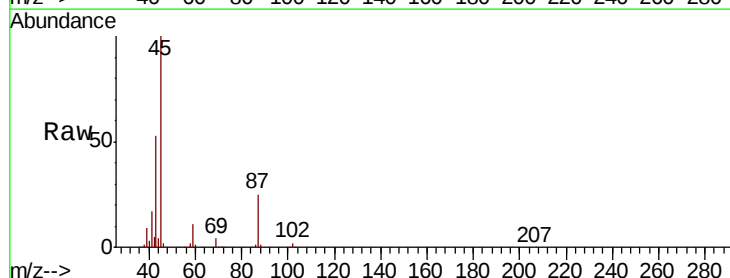
Ion Ratio Lower Upper

45 100

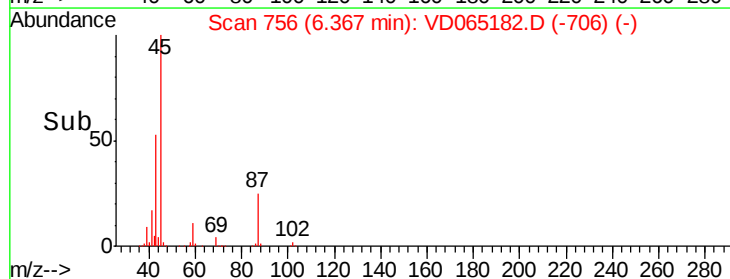
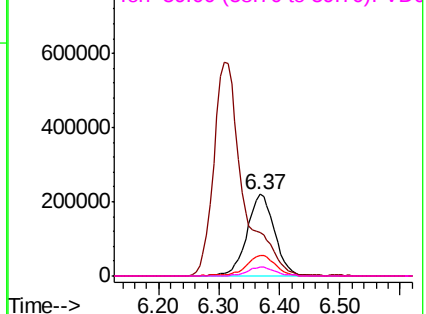
43 52.4 41.3 61.9

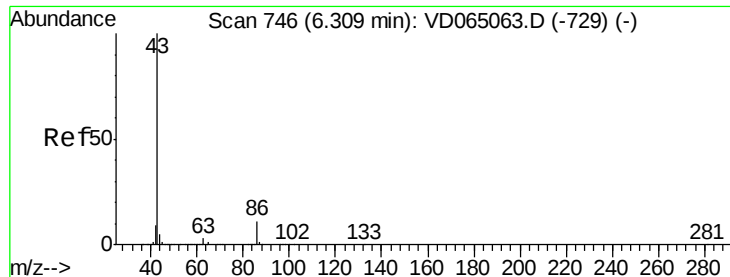
87 25.1 21.0 31.6

59 11.1 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: 281.920 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

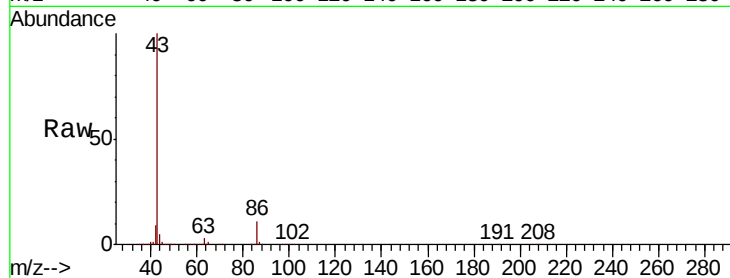
ClientSampleId :

Tot Ion: 43 Resp: 1937577

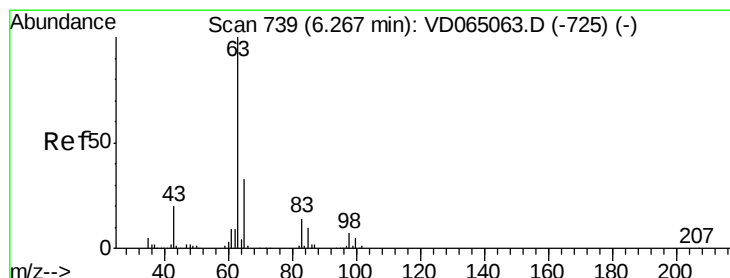
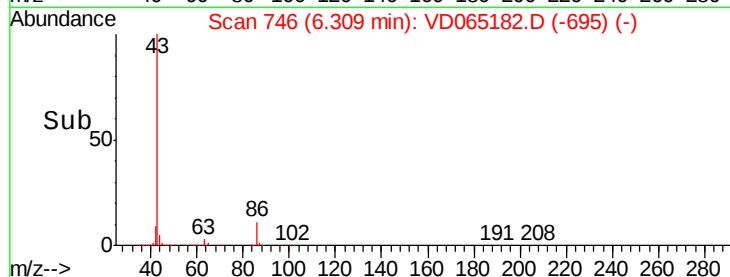
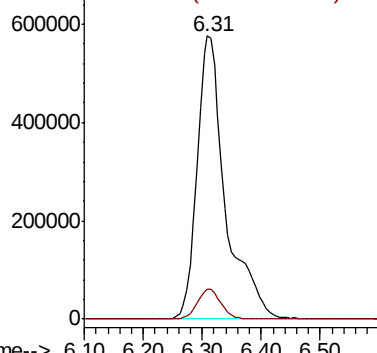
Ion Ratio Lower Upper

43 100

86 10.6 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: 54.039 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

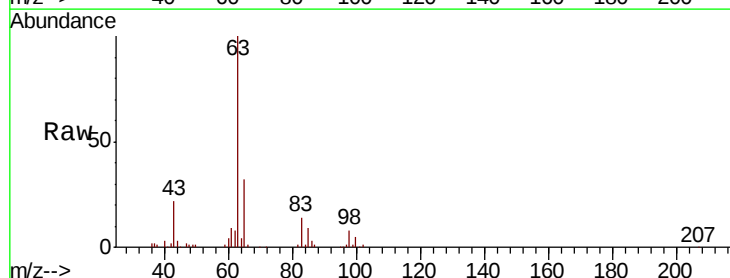
Tgt Ion: 63 Resp: 403315

Ion Ratio Lower Upper

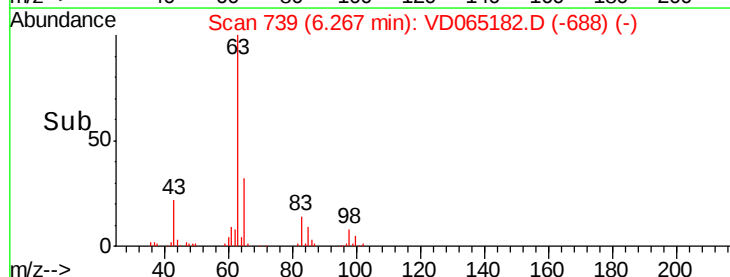
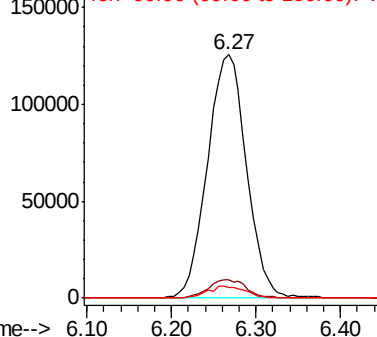
63 100

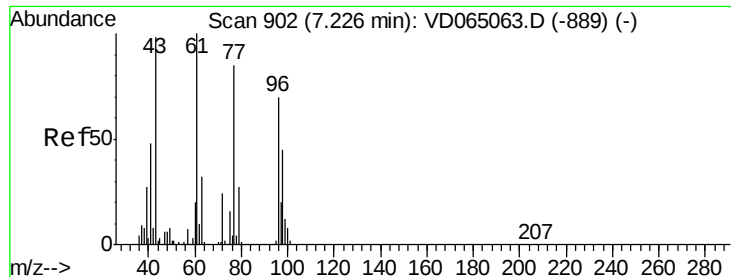
98 7.7 3.5 10.4

100 4.5 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: 281.000 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

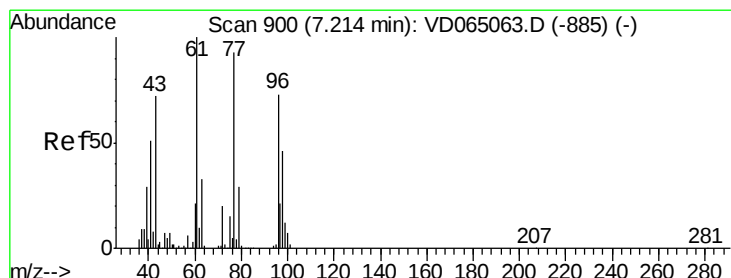
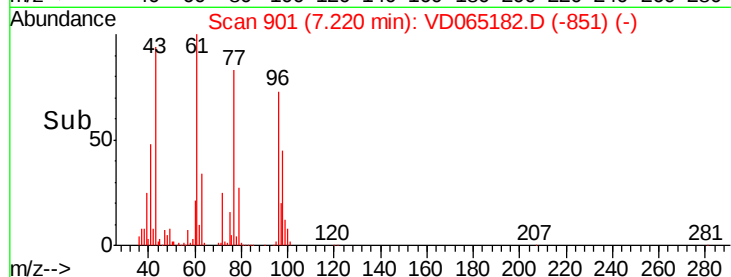
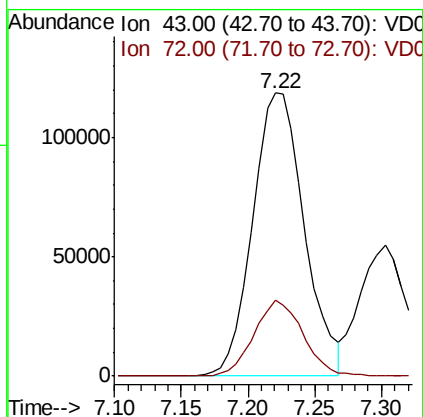
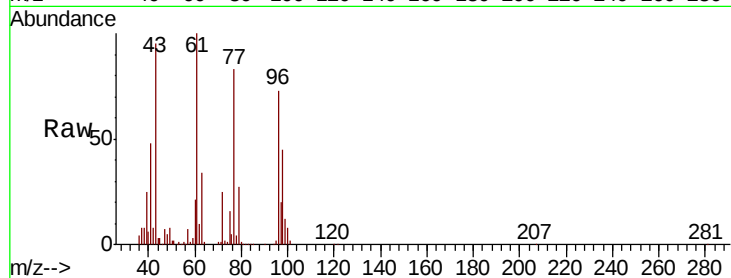
Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 317377

Ion Ratio Lower Upper

43 100

72 26.9 19.9 29.9



#26

2,2-Dichloropropane

Concen: 51.725 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065182.D

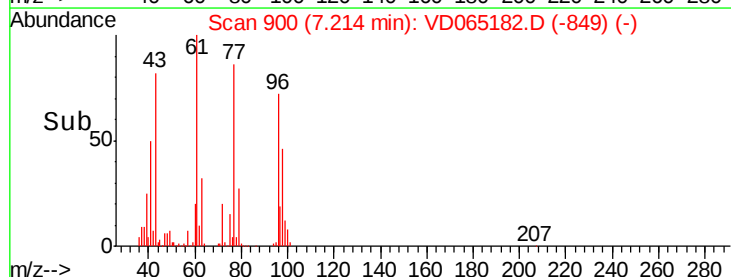
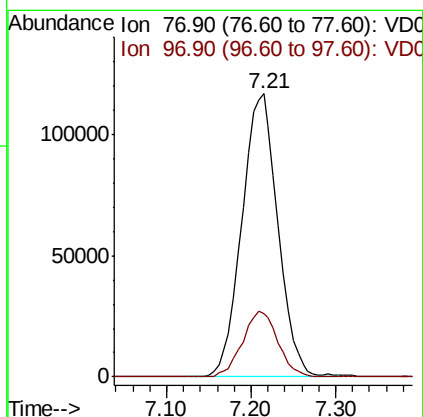
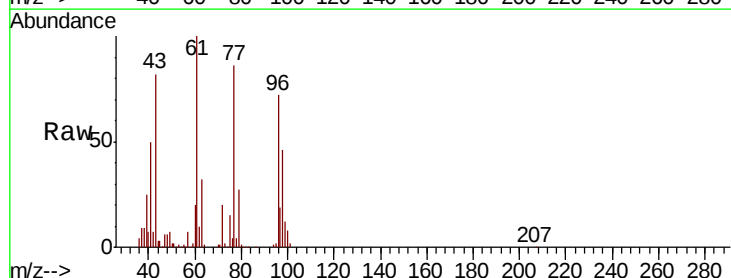
Acq: 13 Feb 2020 17:42

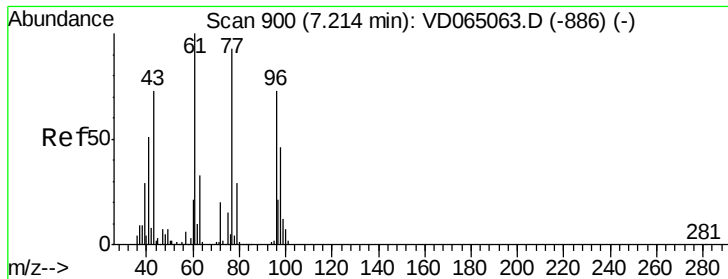
Tgt Ion: 77 Resp: 346021

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.6



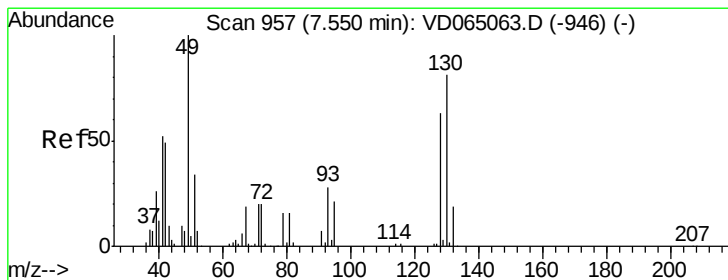
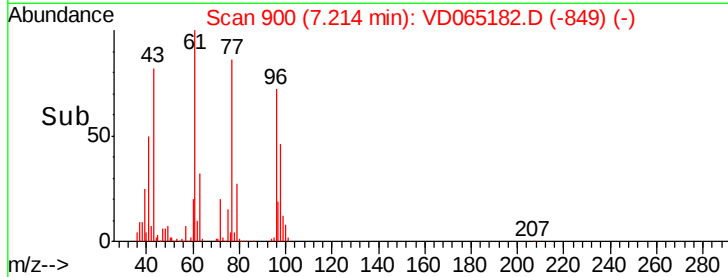
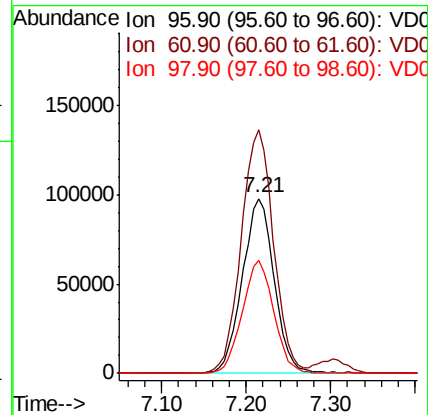
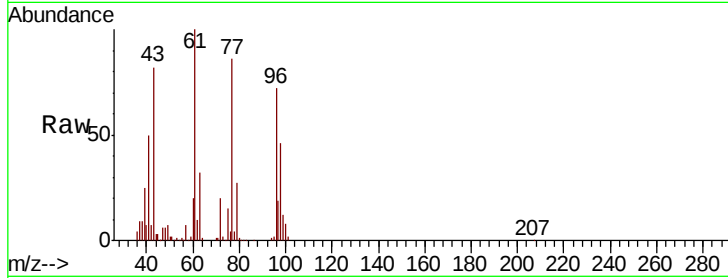


#27

cis-1,2-Dichloroethene  
Concen: 54.125 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Instrument :  
MSVOA\_D  
ClientSampleId :

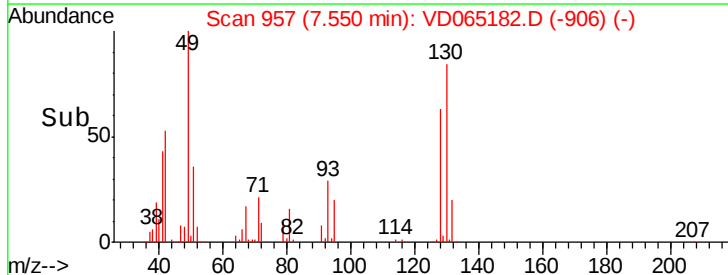
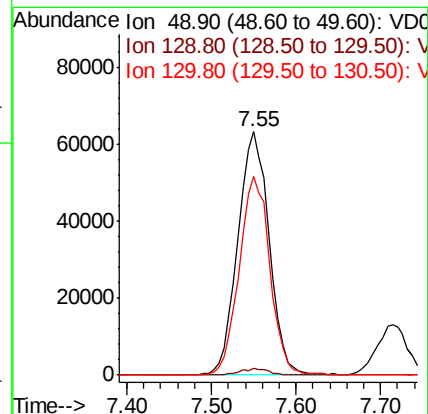
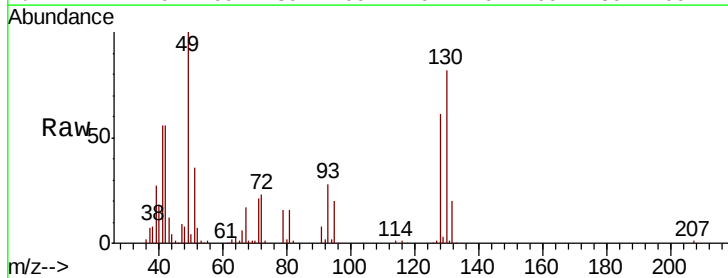
Tot Ion: 96 Resp: 255881  
Ion Ratio Lower Upper  
96 100  
61 140.8 0.0 292.8  
98 63.8 0.0 128.8

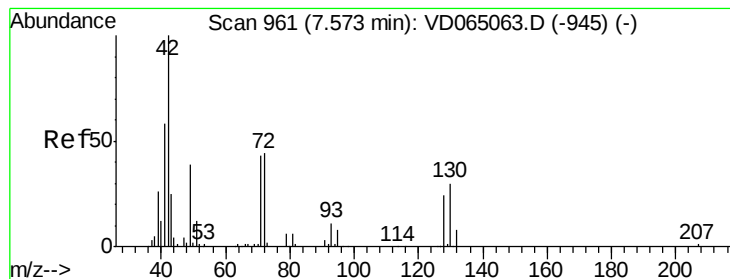


#28

Bromochloromethane  
Concen: 57.355 ug/l  
RT: 7.55 min Scan# 957  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion: 49 Resp: 162269  
Ion Ratio Lower Upper  
49 100  
129 2.4 0.0 4.4  
130 79.9 63.8 95.8





#29

Tetrahydrofuran

Concen: 285.271 ug/l

RT: 7.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :  
MSVOA\_D  
ClientSampleId :

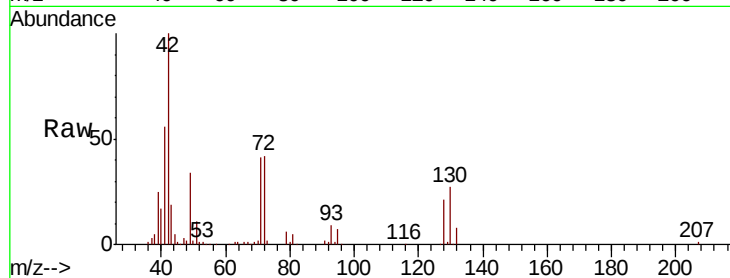
Tot Ion: 42 Resp: 194846

Ion Ratio Lower Upper

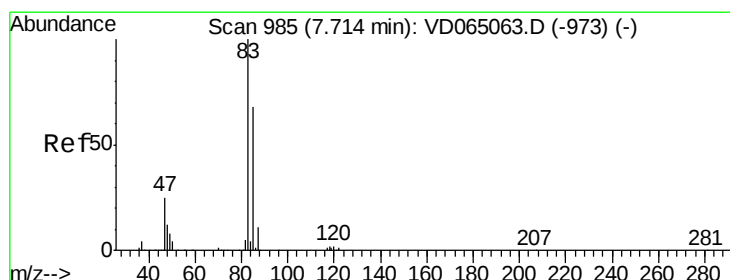
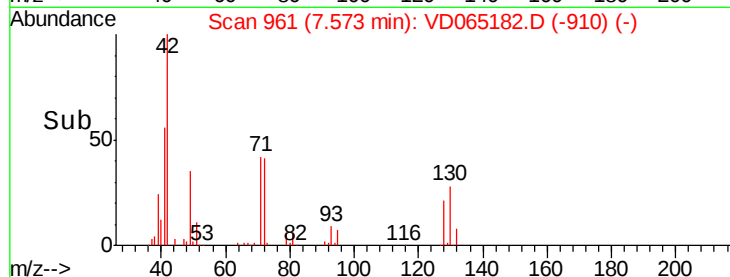
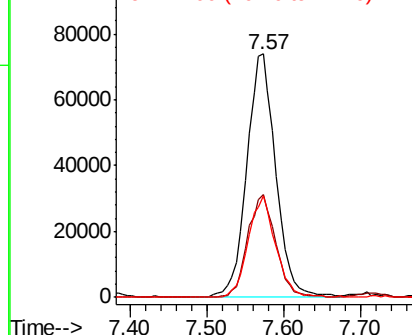
42 100

72 41.2 34.2 51.4

71 39.3 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: 54.695 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD065182.D

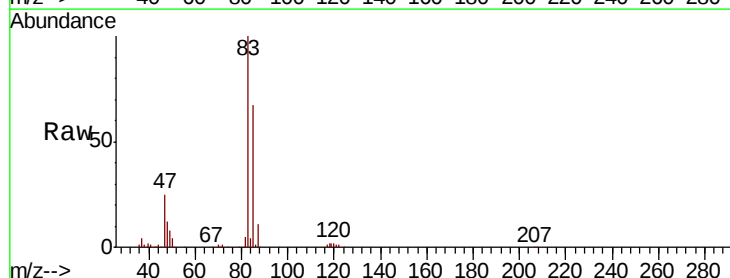
Acq: 13 Feb 2020 17:42

Tgt Ion: 83 Resp: 406458

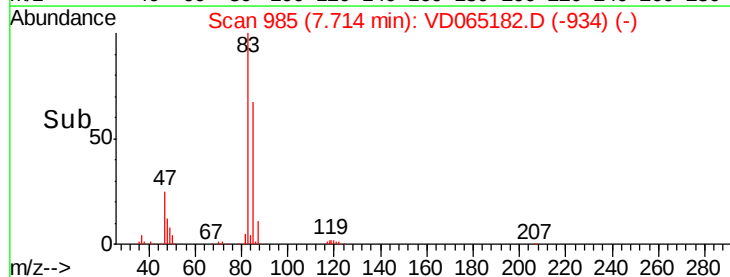
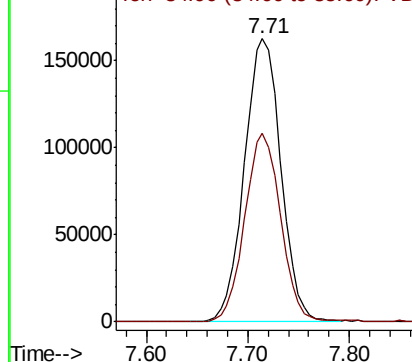
Ion Ratio Lower Upper

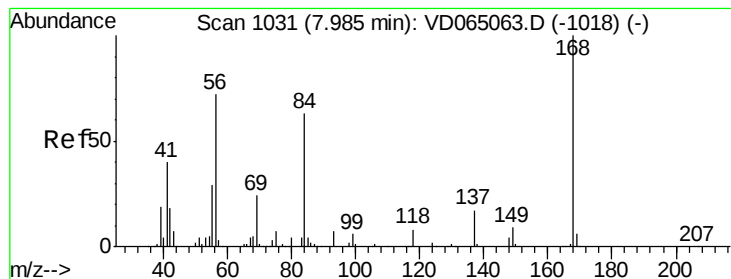
83 100

85 66.7 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: 49.409 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :  
MSVOA\_D  
ClientSampleId :

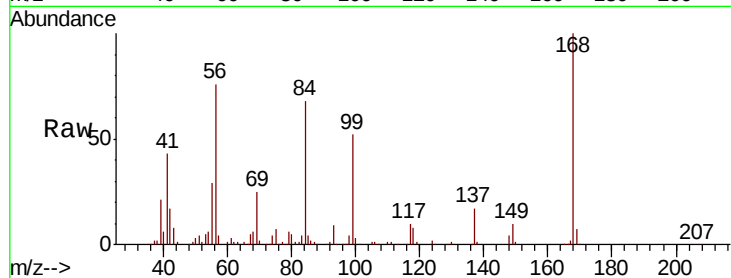
Tot Ion: 56 Resp: 372241

Ion Ratio Lower Upper

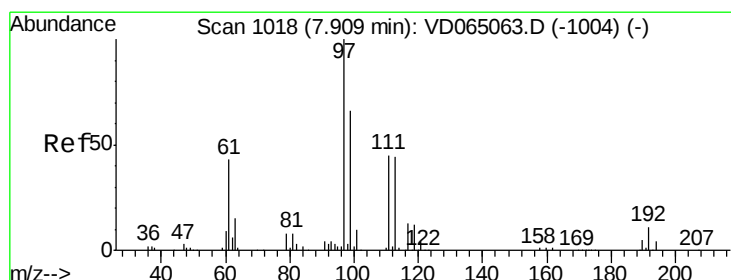
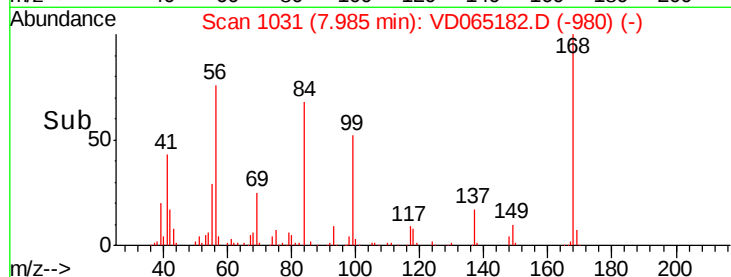
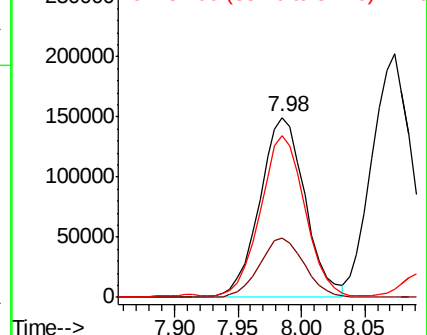
56 100

69 33.0 26.6 40.0

84 88.4 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: 52.807 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

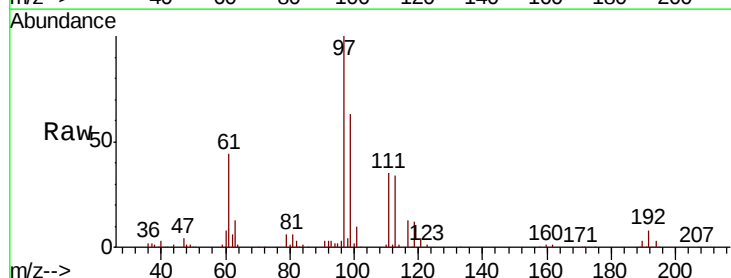
Tgt Ion: 97 Resp: 365560

Ion Ratio Lower Upper

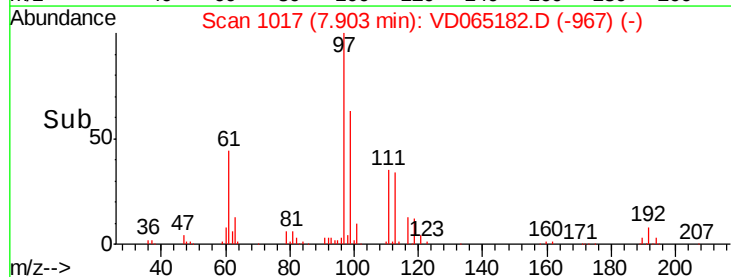
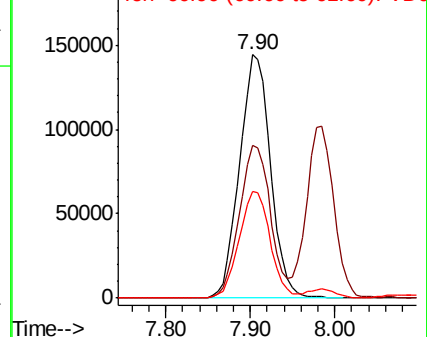
97 100

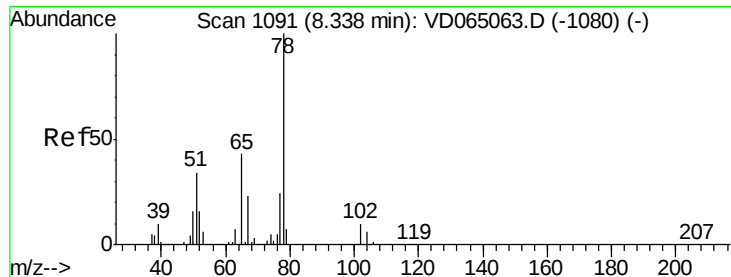
99 62.8 51.5 77.3

61 44.2 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: 54.635 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

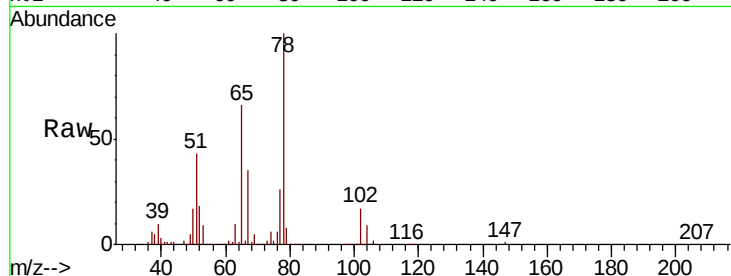
ClientSampled :

Tot Ion: 65 Resp: 206909

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

60000

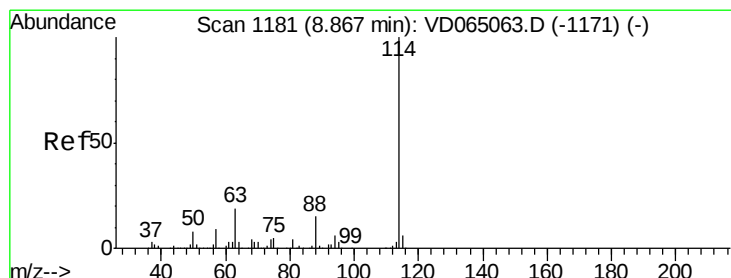
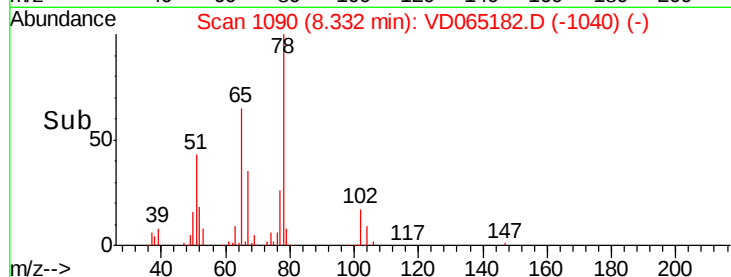
40000

20000

0

Time-->

8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

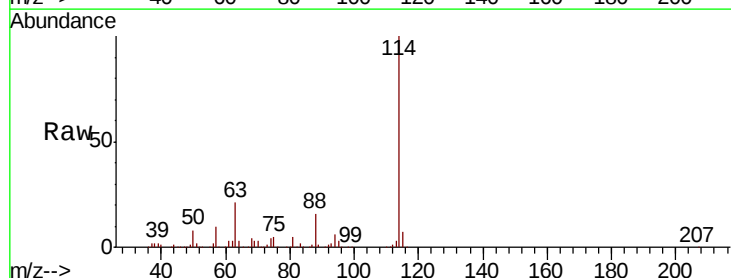
Tgt Ion: 114 Resp: 656685

Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.8

88 15.6 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

400000

300000

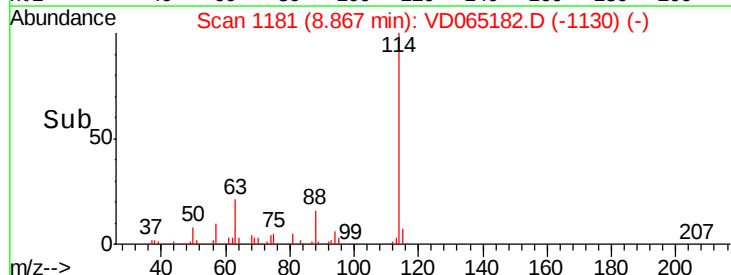
200000

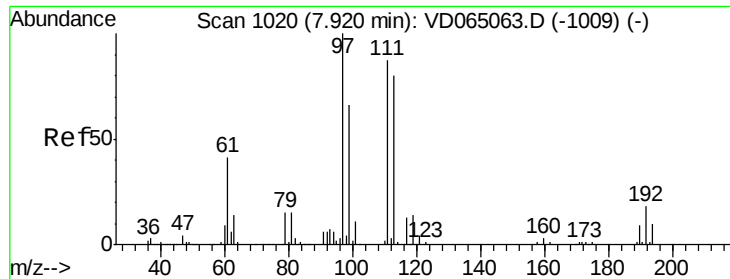
100000

0

Time-->

8.80 8.90 9.00

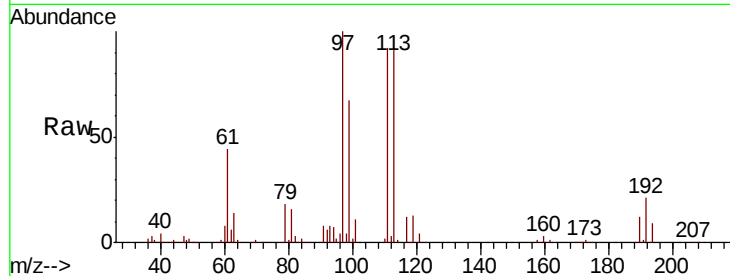




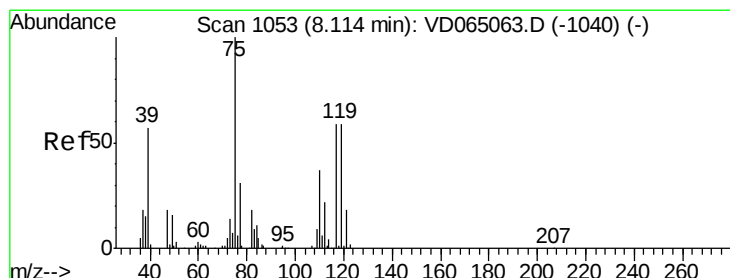
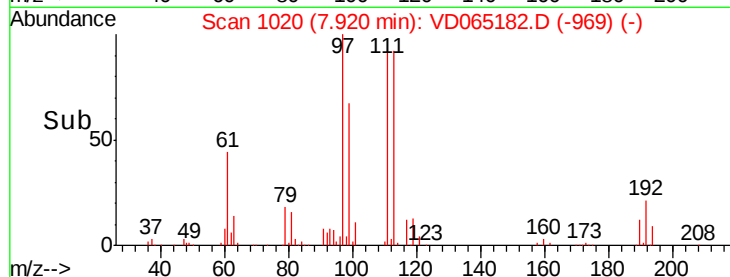
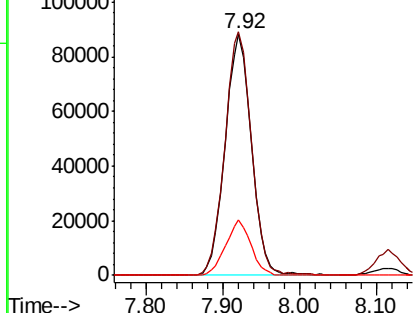
#35  
Dibromofluoromethane  
Concen: 57.503 ug/l  
RT: 7.92 min Scan# 1020  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:113 Resp: 210685  
Ion Ratio Lower Upper  
113 100  
111 101.8 83.1 124.7  
192 21.9 18.1 27.1

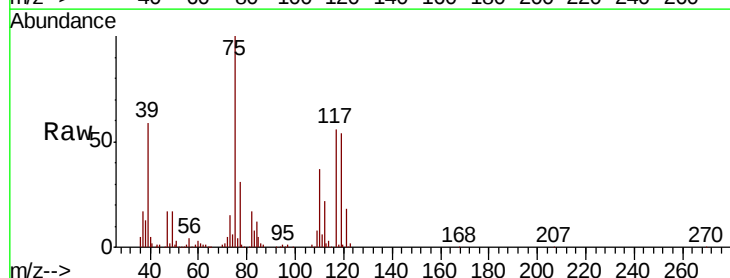


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

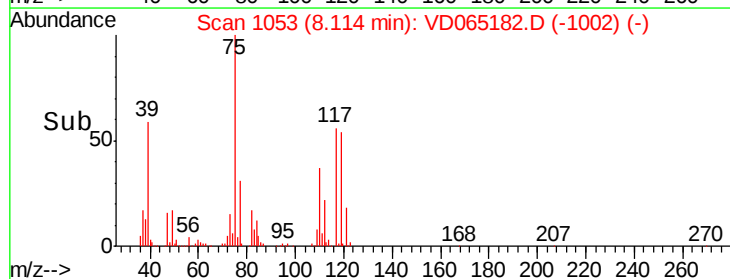
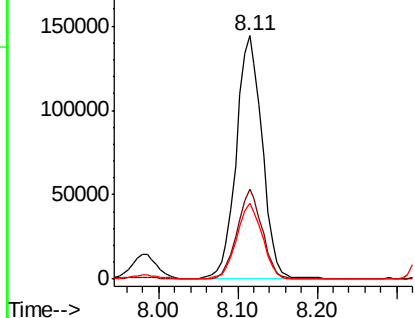


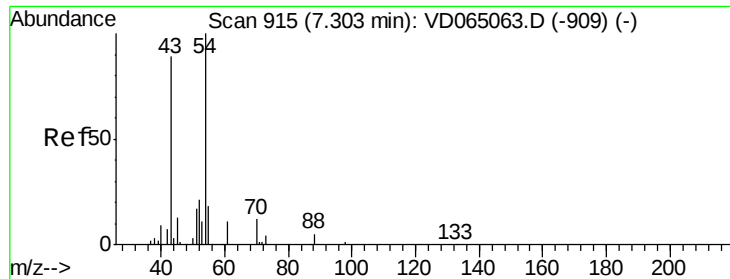
#36  
1,1-Dichloropropene  
Concen: 53.204 ug/l  
RT: 8.11 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion: 75 Resp: 324873  
Ion Ratio Lower Upper  
75 100  
110 35.8 18.1 54.3  
77 31.3 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): V  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): V

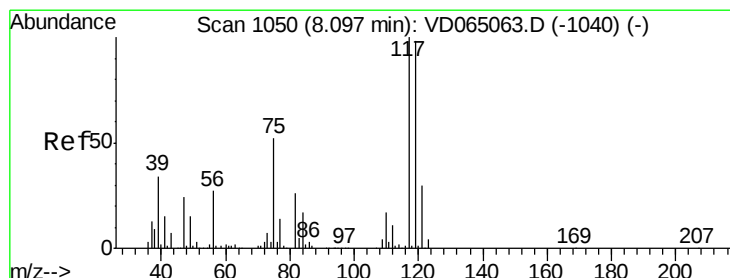
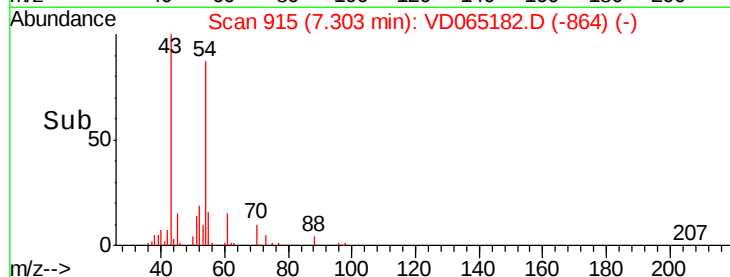
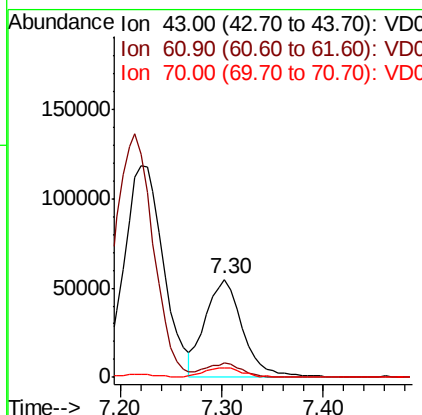
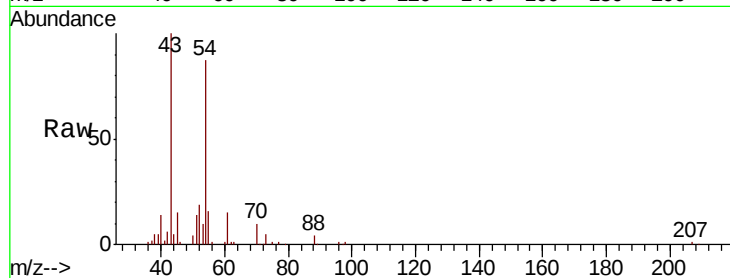




#37  
Ethyl Acetate  
Concen: 55.311 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

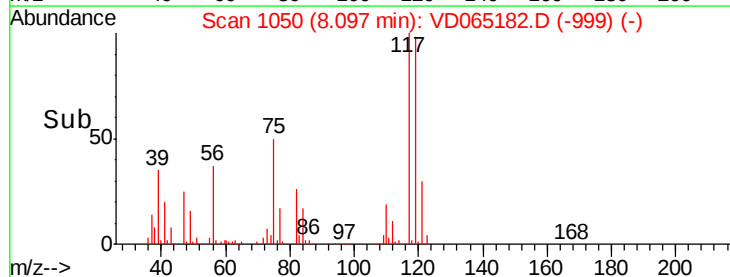
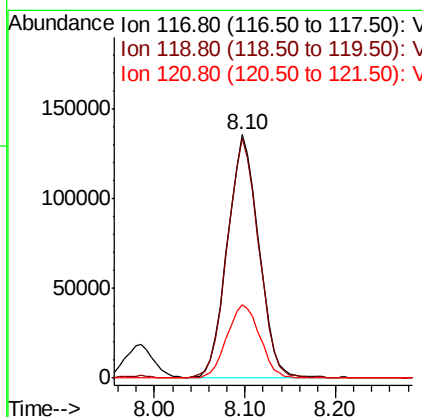
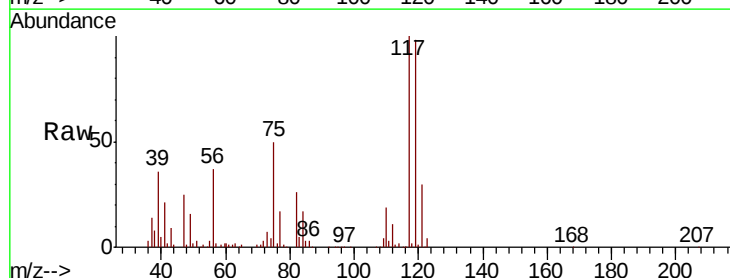
Instrument :  
MSVOA\_D  
ClientSampleId :

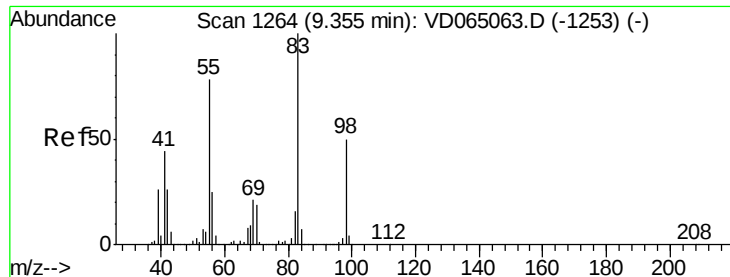
Tot Ion: 43 Resp: 137978  
Ion Ratio Lower Upper  
43 100  
61 13.4 11.0 16.4  
70 10.0 8.2 12.2



#38  
Carbon Tetrachloride  
Concen: 51.998 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion: 117 Resp: 324284  
Ion Ratio Lower Upper  
117 100  
119 98.4 78.5 117.7  
121 30.4 23.8 35.6

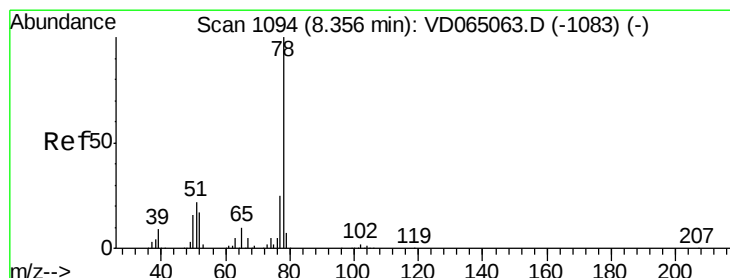
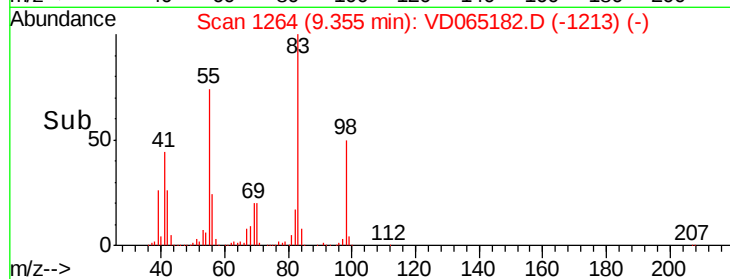
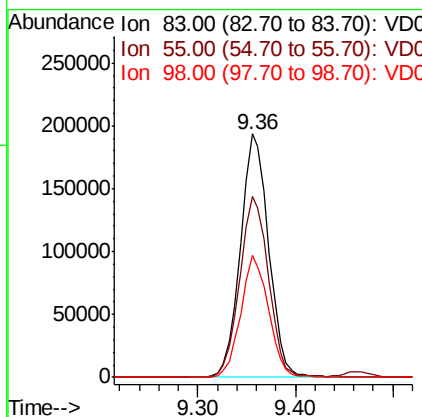
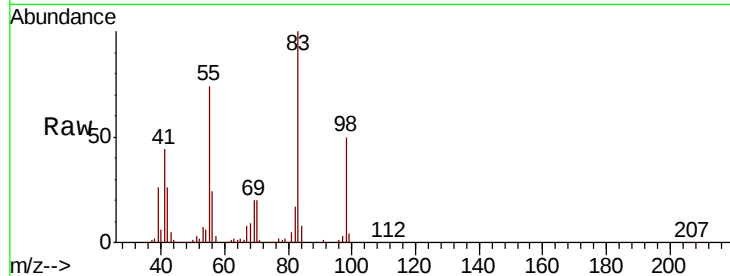




#39  
Methvlcvclohexane  
Concen: 51.486 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

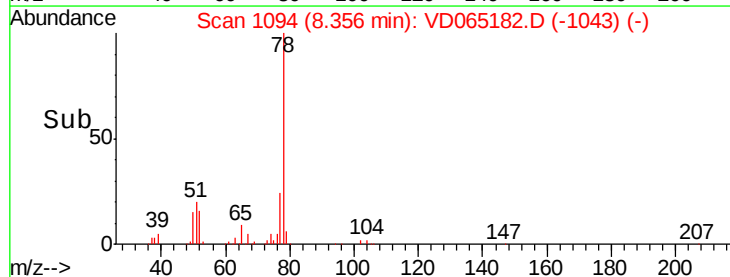
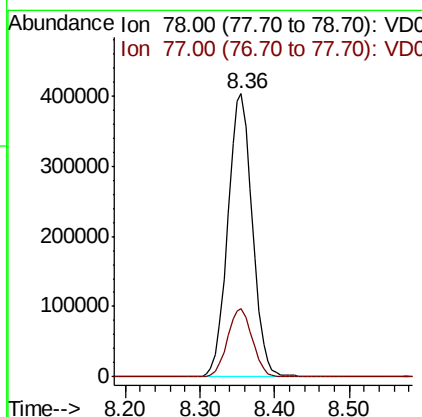
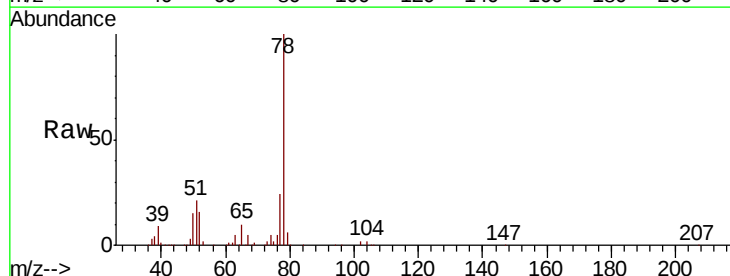
Instrument :  
MSVOA\_D  
ClientSampleId :

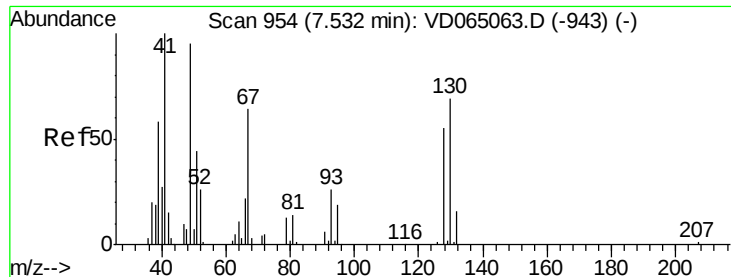
Tot Ion: 83 Resp: 388047  
Ion Ratio Lower Upper  
83 100  
55 74.2 62.0 93.0  
98 49.9 39.9 59.9



#40  
Benzene  
Concen: 54.632 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion: 78 Resp: 921205  
Ion Ratio Lower Upper  
78 100  
77 24.3 19.6 29.4

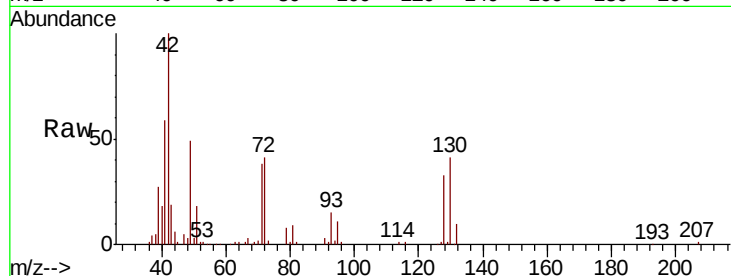




#41  
Methacrylonitrile  
Concen: 138.867 ug/l  
RT: 7.57 min Scan# 960  
Delta R.T. 0.04 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Instrument :  
MSVOA\_D  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 0.0   | 55.4  | 83.0# |
| 67      | 0.0   | 59.0  | 88.6# |
| 52      | 0.0   | 25.4  | 38.0# |



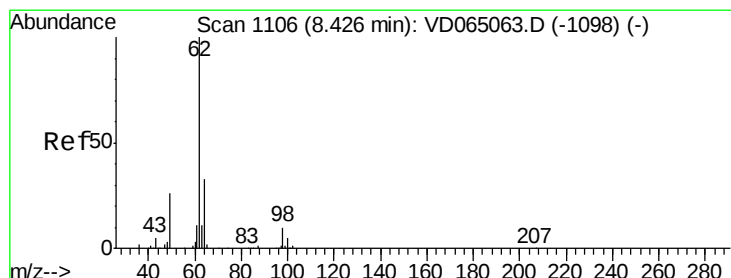
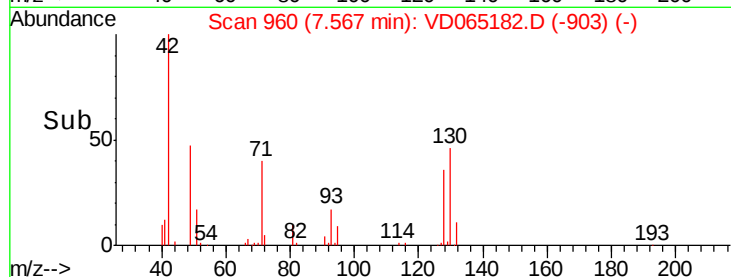
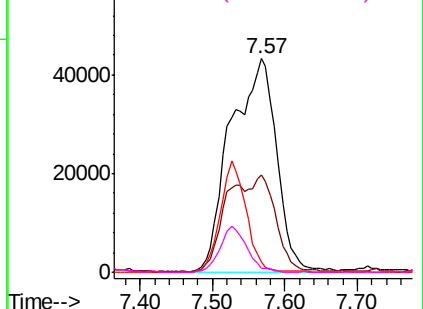
Abundance

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

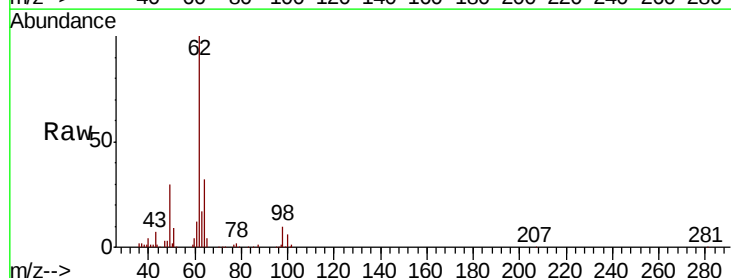
Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42  
1,2-Dichloroethane  
Concen: 53.486 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

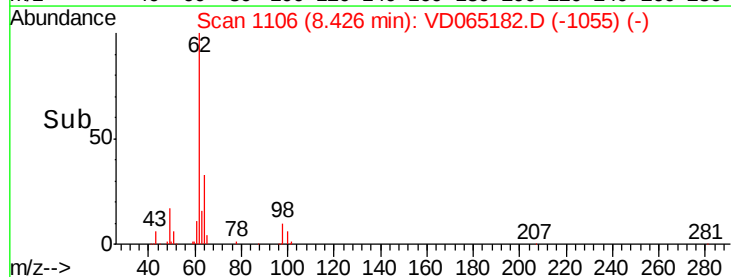
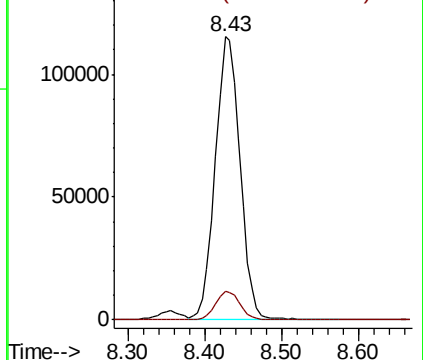
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.0  | 0.0   | 18.6  |

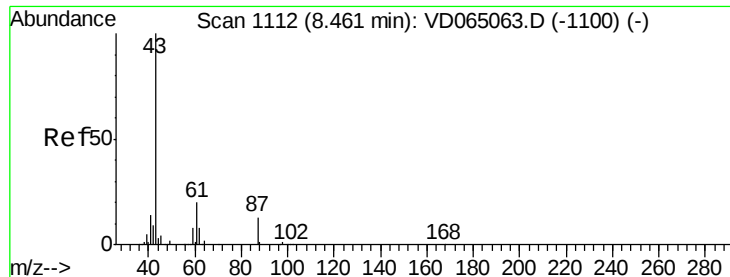


Abundance

Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 53.836 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

ClientSampleId :

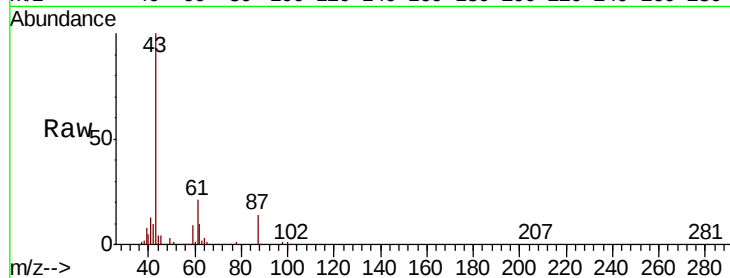
Tot Ion: 43 Resp: 256906

Ion Ratio Lower Upper

43 100

61 30.1 24.0 36.0

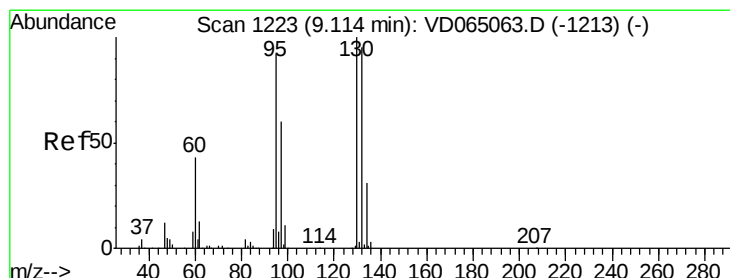
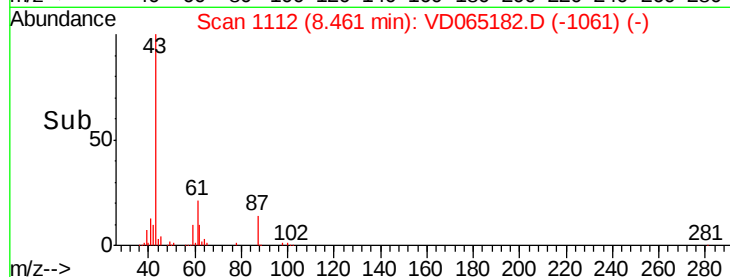
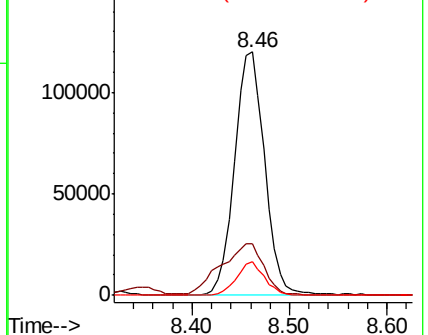
87 13.1 10.2 15.4



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: 52.219 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065182.D

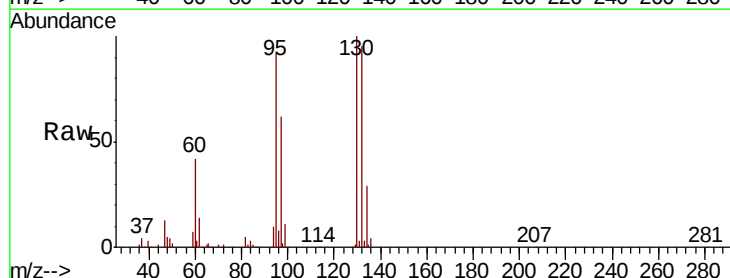
Acq: 13 Feb 2020 17:42

Tgt Ion:130 Resp: 252739

Ion Ratio Lower Upper

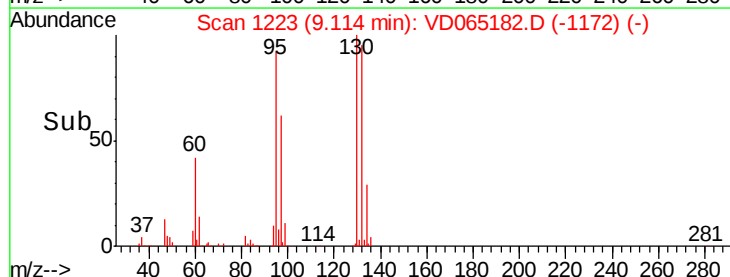
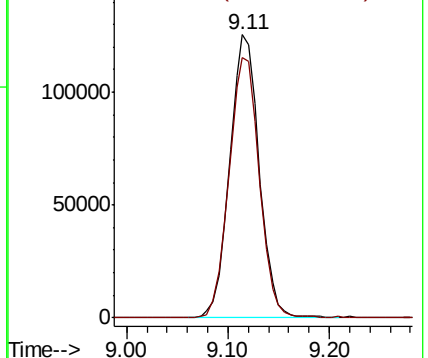
130 100

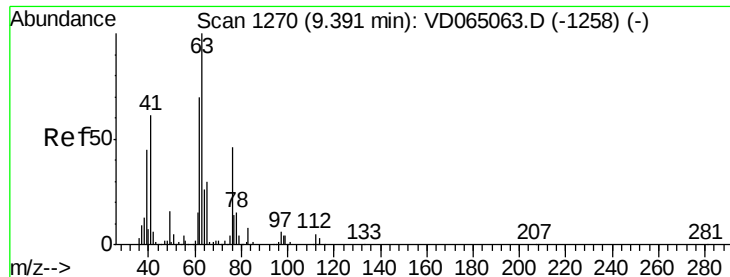
95 92.1 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

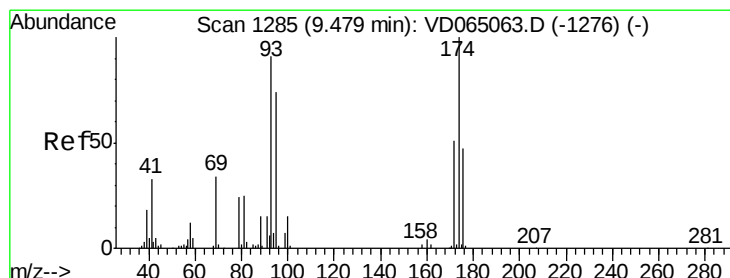
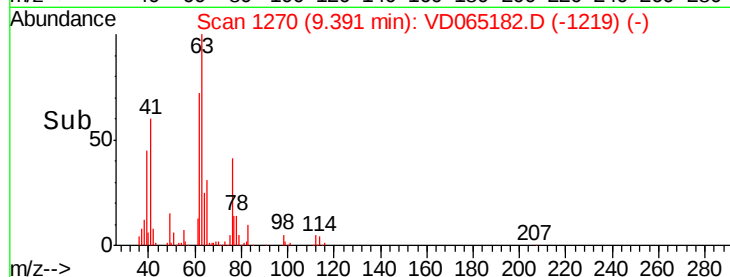
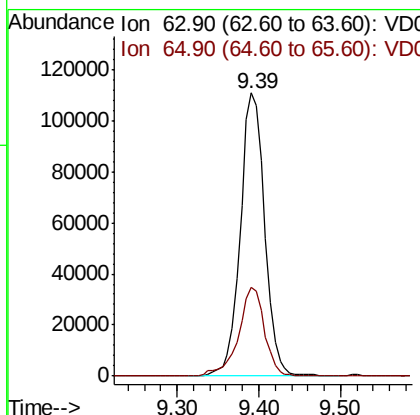
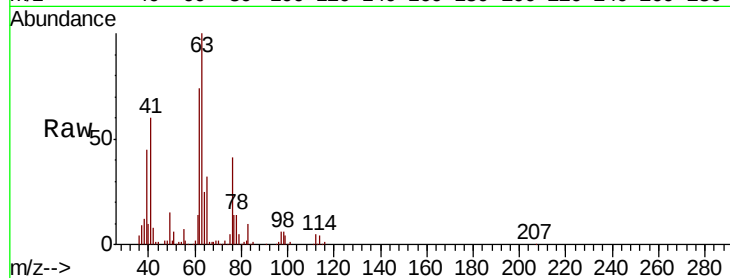




#45  
 1,2-Dichloropropane  
 Concen: 57.085 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VD065182.D  
 Acq: 13 Feb 2020 17:42

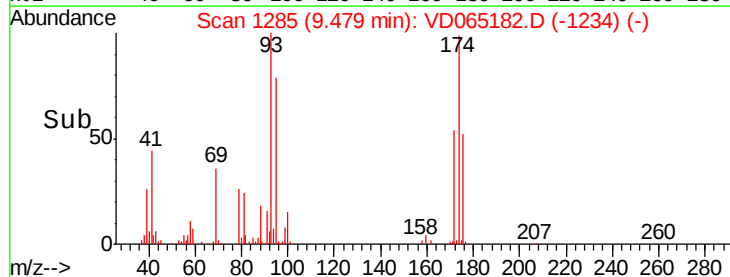
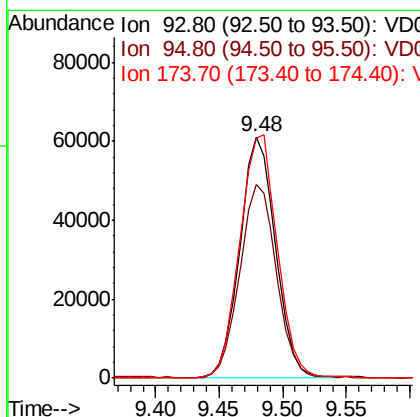
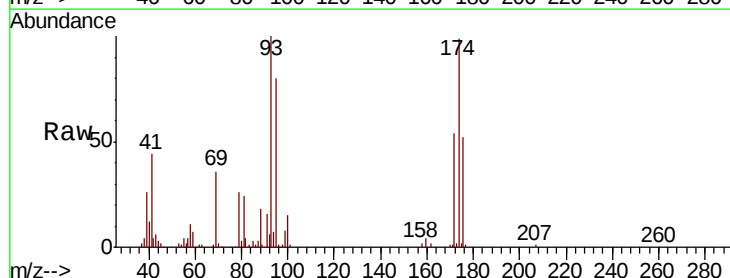
Instrument :  
 MSVOA\_D  
 ClientSampleId :

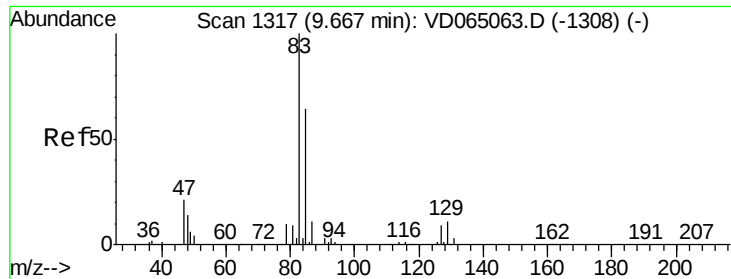
Tot Ion: 63 Resp: 230788  
 Ion Ratio Lower Upper  
 63 100  
 65 31.6 23.9 35.9



#46  
 Dibromomethane  
 Concen: 56.291 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. -0.00 min  
 Lab File: VD065182.D  
 Acq: 13 Feb 2020 17:42

Tgt Ion: 93 Resp: 119586  
 Ion Ratio Lower Upper  
 93 100  
 95 82.9 66.5 99.7  
 174 105.8 89.8 134.8

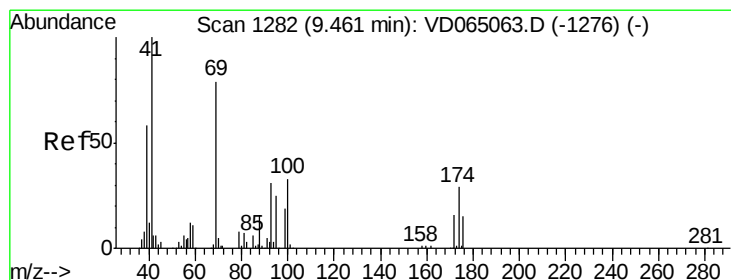
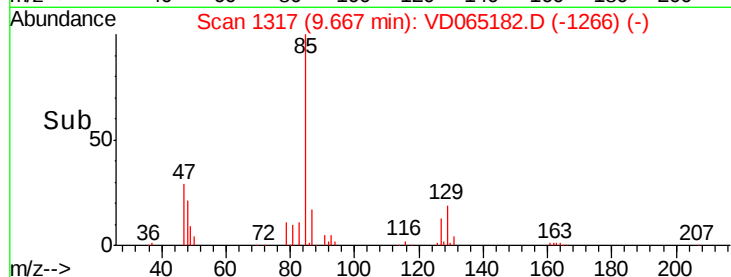
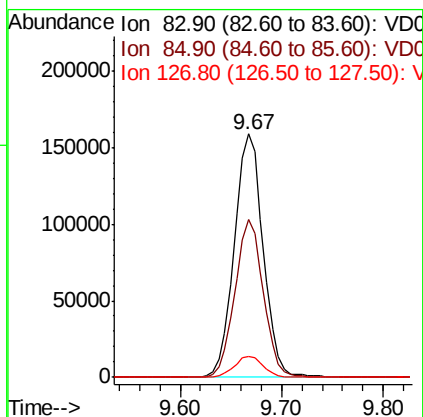
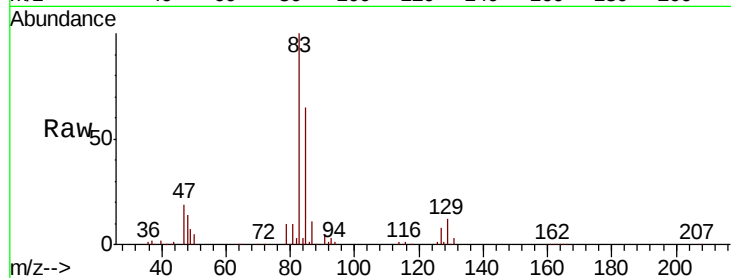




#47  
Bromodichloromethane  
Concen: 56.015 ug/l  
RT: 9.67 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

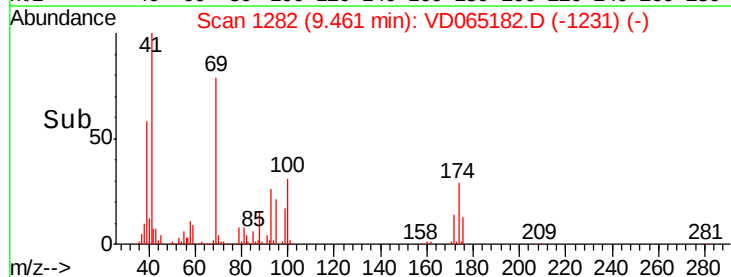
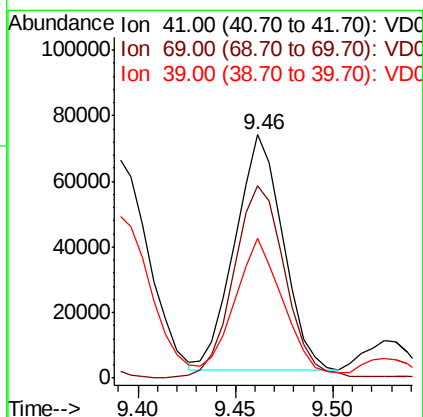
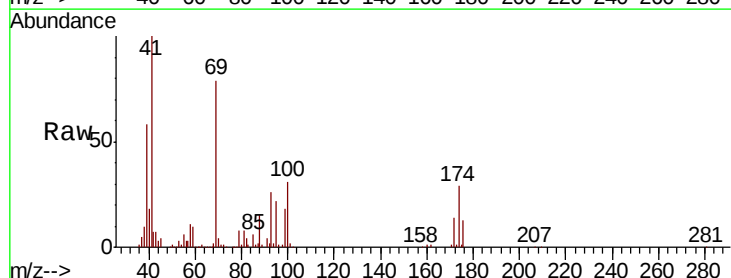
Instrument :  
MSVOA\_D  
ClientSampleId :

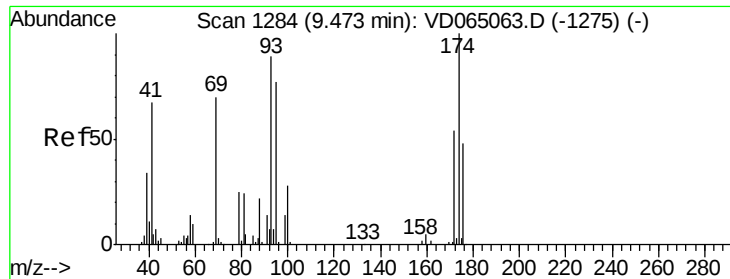
Tot Ion: 83 Resp: 313550  
Ion Ratio Lower Upper  
83 100  
85 64.9 51.0 76.6  
127 8.4 7.3 10.9



#48  
Methyl methacrylate  
Concen: 52.972 ug/l  
RT: 9.46 min Scan# 1282  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion: 41 Resp: 121639  
Ion Ratio Lower Upper  
41 100  
69 89.5 67.5 101.3  
39 55.1 47.0 70.4

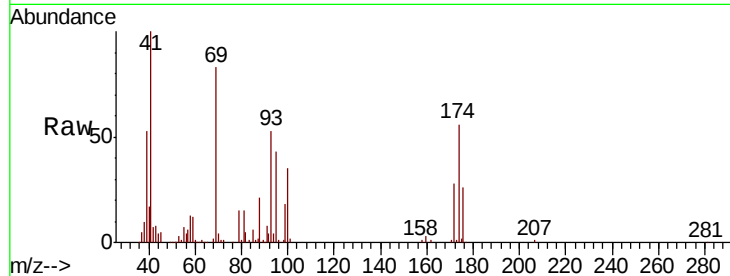




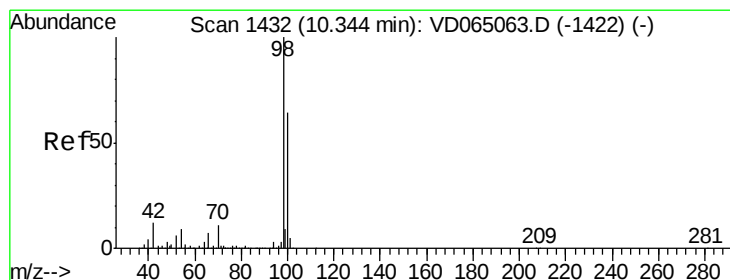
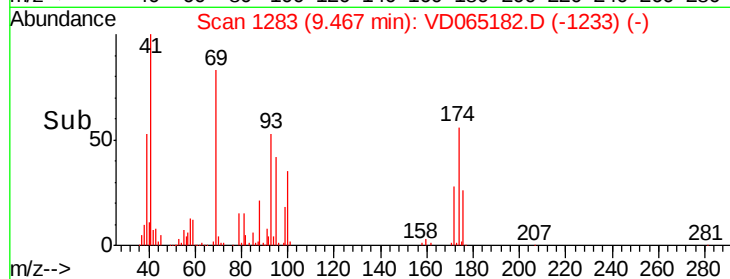
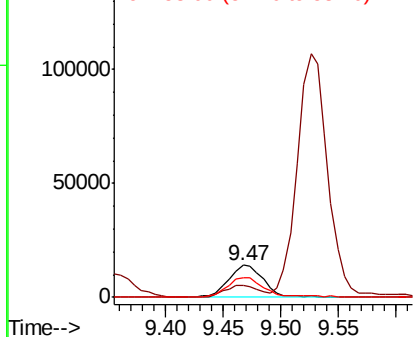
#49  
1,4-Dioxane  
Concen: 1181.609 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 88 Resp: 29732  
Ion Ratio Lower Upper  
88 100  
43 37.1 27.7 41.5  
58 64.1 55.5 83.3

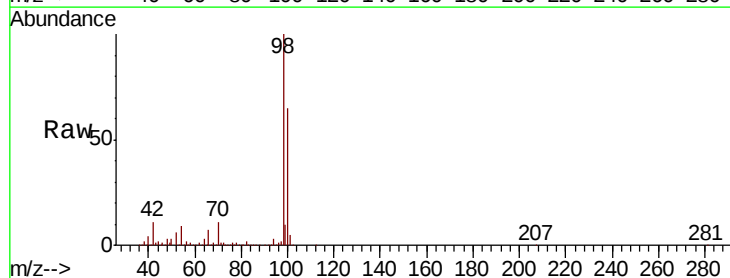


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC

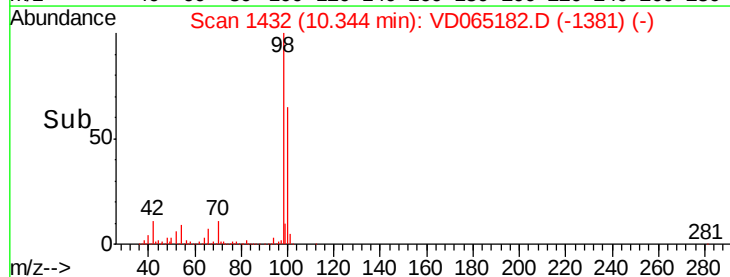
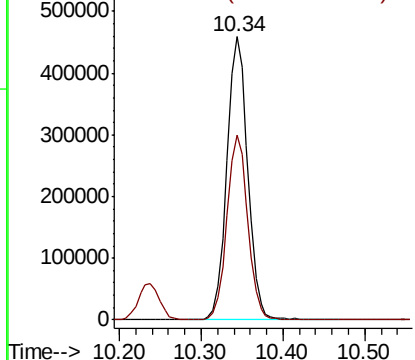


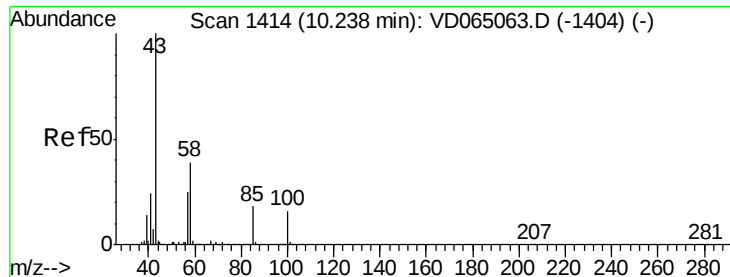
#50  
Toluene-d8  
Concen: 55.741 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion: 98 Resp: 812896  
Ion Ratio Lower Upper  
98 100  
100 65.3 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: 285.637 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

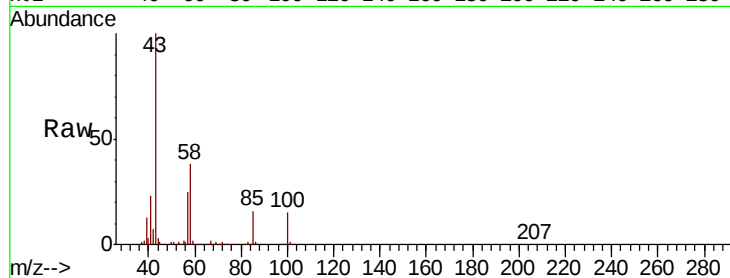
ClientSampleId :

Tot Ion: 43 Resp: 670917

Ion Ratio Lower Upper

43 100

58 37.7 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

400000

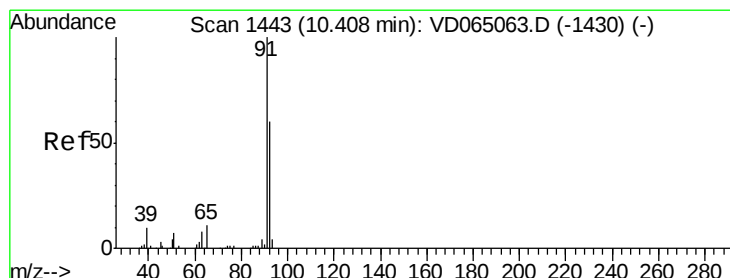
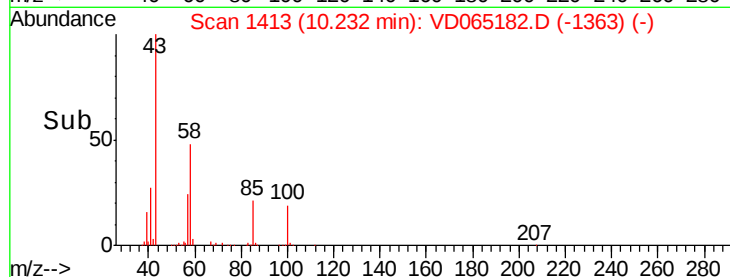
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 54.883 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065182.D

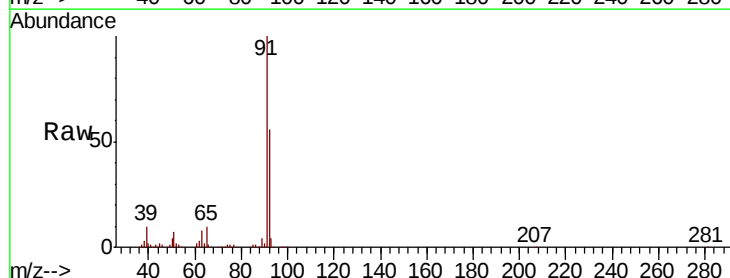
Acq: 13 Feb 2020 17:42

Tgt Ion: 92 Resp: 590654

Ion Ratio Lower Upper

92 100

91 172.7 135.3 202.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

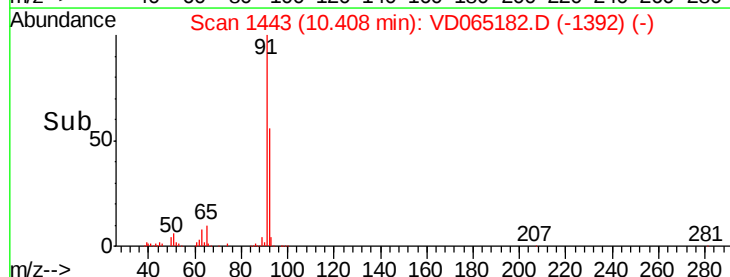
600000

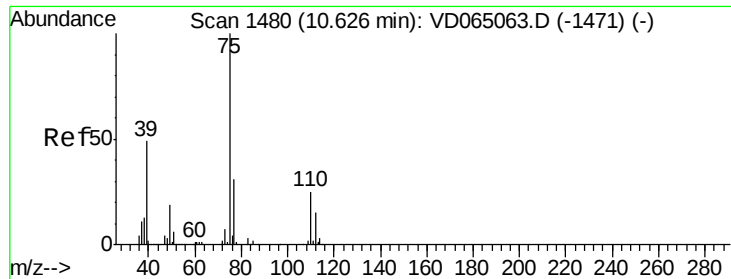
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.871 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

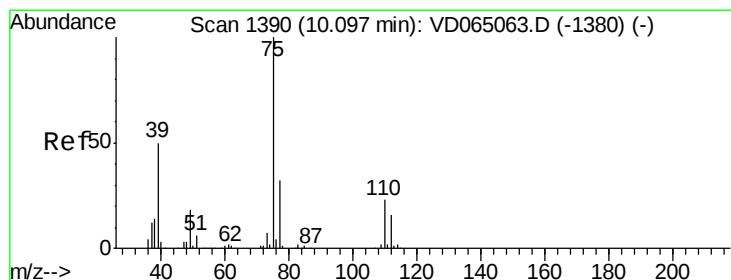
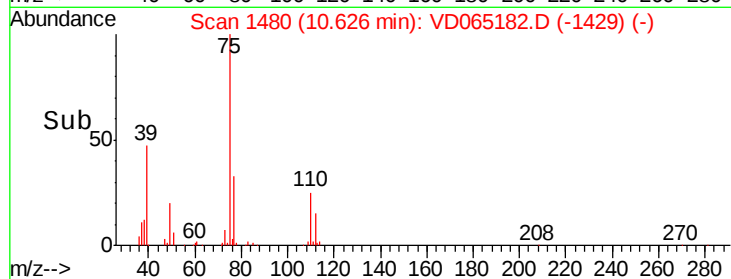
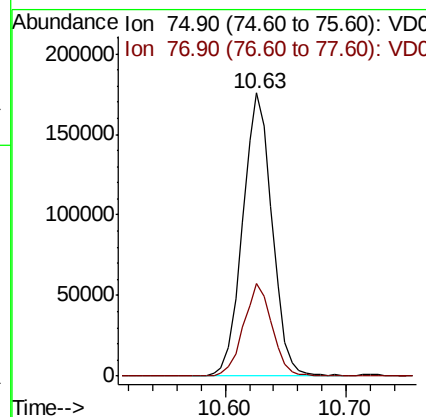
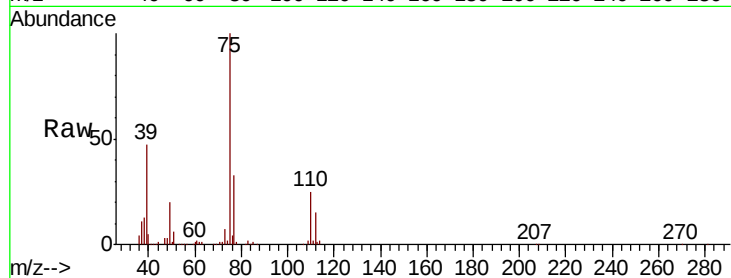
ClientSampleId :

Tot Ion: 75 Resp: 299051

Ion Ratio Lower Upper

75 100

77 32.7 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 54.784 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

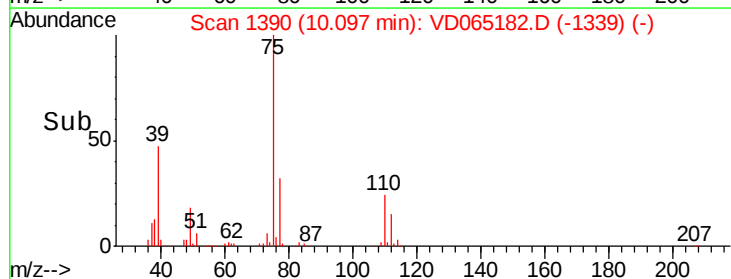
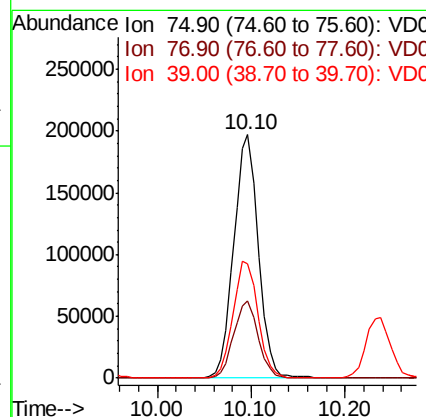
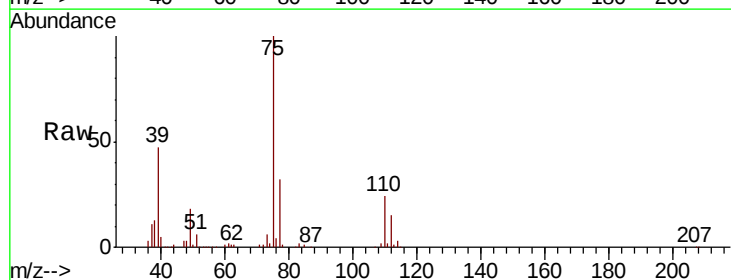
Tgt Ion: 75 Resp: 357096

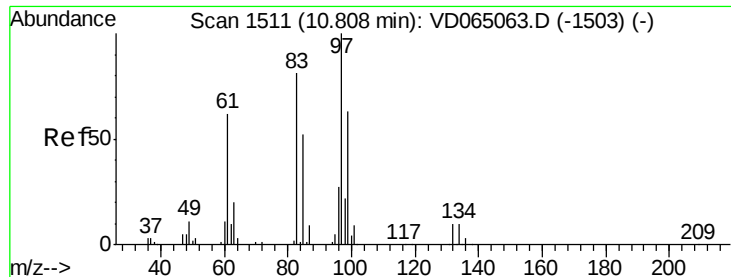
Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 46.8 40.3 60.5





#55

1,1,2-Trichloroethane

Concen: 55.754 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

ClientSampleId :

Tot Ion: 97 Resp: 162465

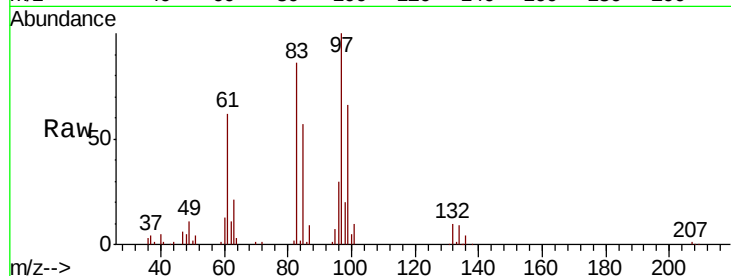
Ion Ratio Lower Upper

97 100

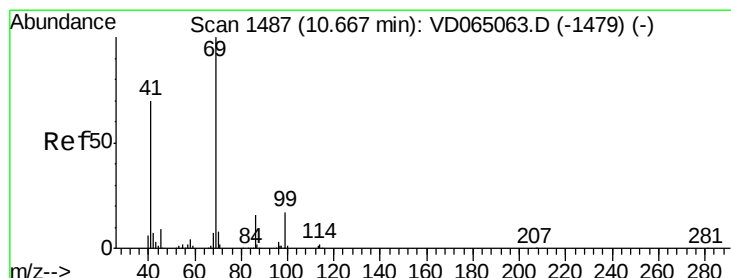
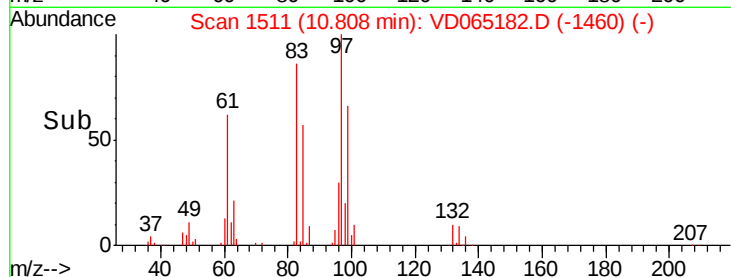
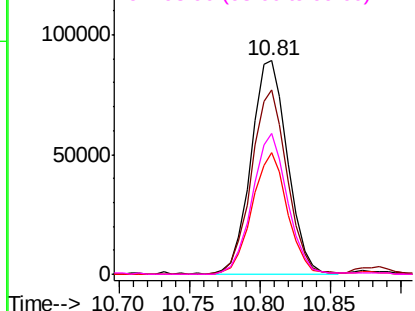
83 86.4 64.8 97.2

85 56.8 41.2 61.8

99 66.0 50.3 75.5



Abundance Ion 96.90 (96.60 to 97.60): VDC  
Ion 82.90 (82.60 to 83.60): VDC  
Ion 84.90 (84.60 to 85.60): VDC  
Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 55.696 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

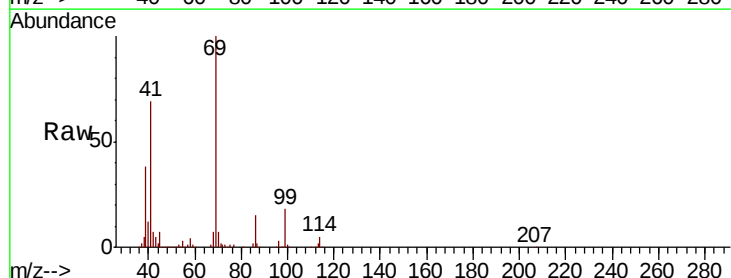
Tgt Ion: 69 Resp: 205348

Ion Ratio Lower Upper

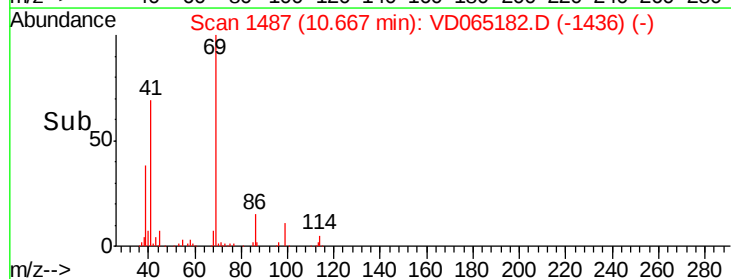
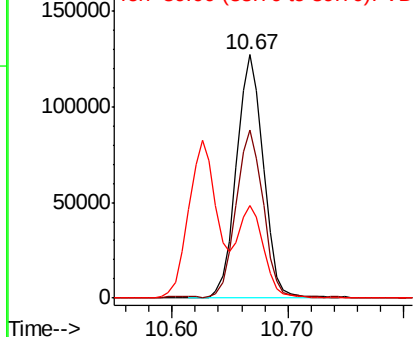
69 100

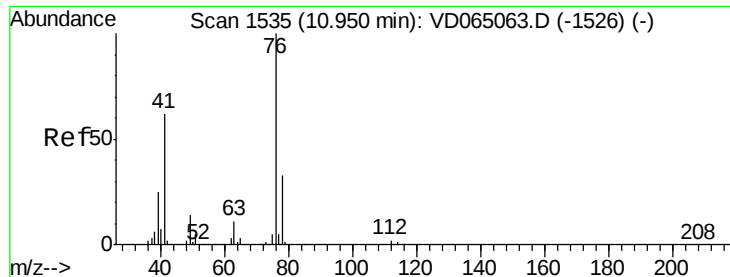
41 69.6 55.9 83.9

39 35.8 29.4 44.0



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





#57

1,3-Dichloropropane

Concen: 55.444 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

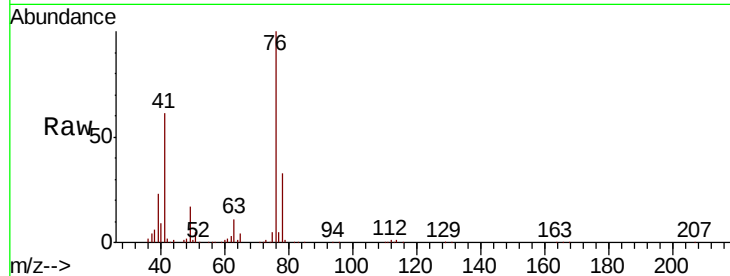
ClientSampled :

Tot Ion: 76 Resp: 284092

Ion Ratio Lower Upper

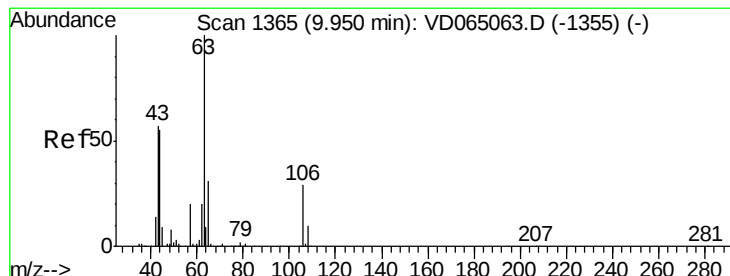
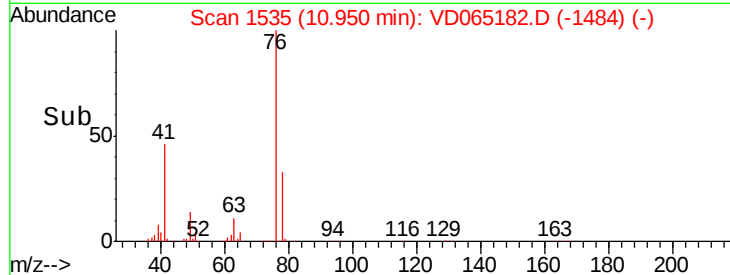
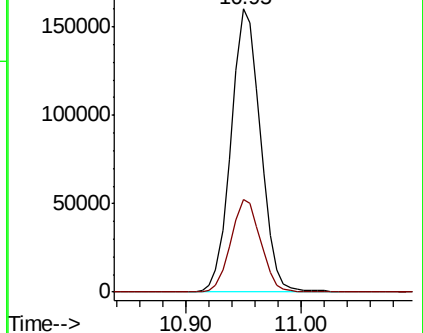
76 100

78 32.9 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: 251.440 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065182.D

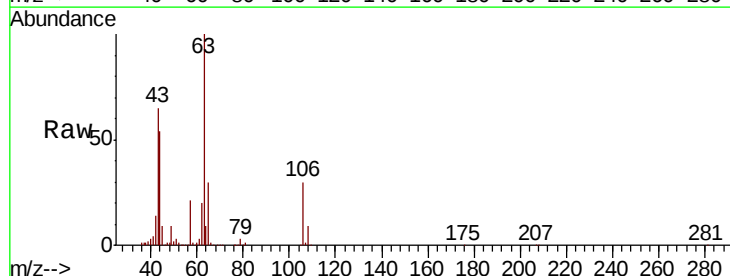
Acq: 13 Feb 2020 17:42

Tgt Ion: 63 Resp: 299398

Ion Ratio Lower Upper

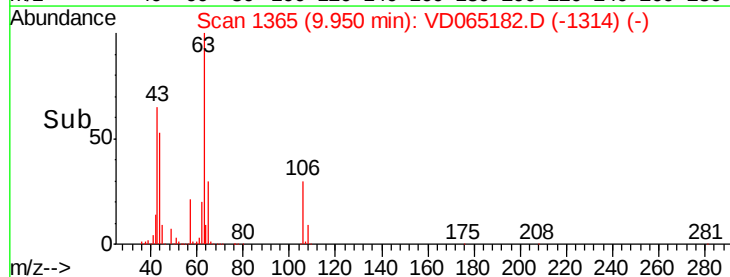
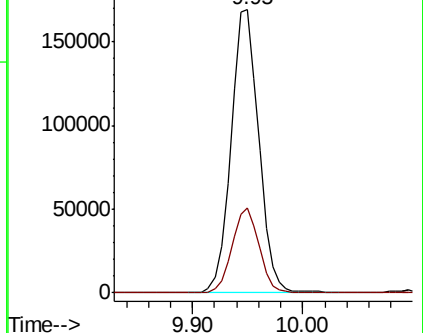
63 100

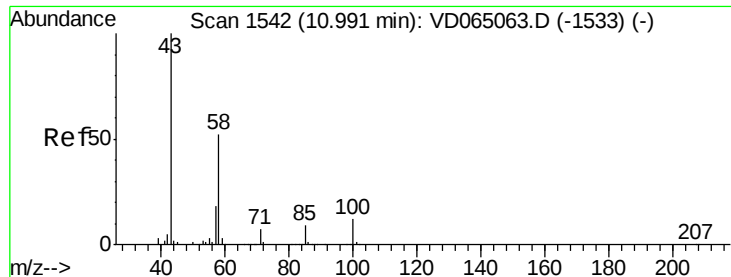
106 29.1 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

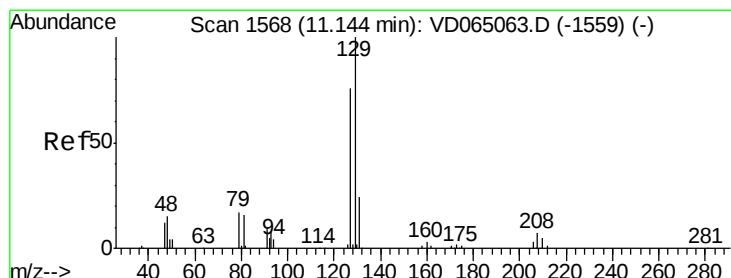
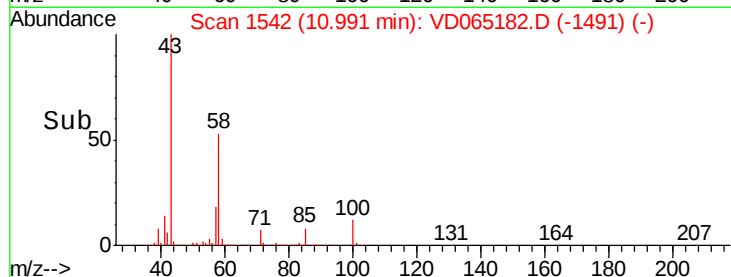
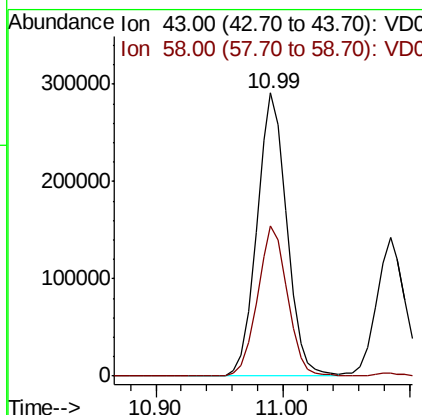
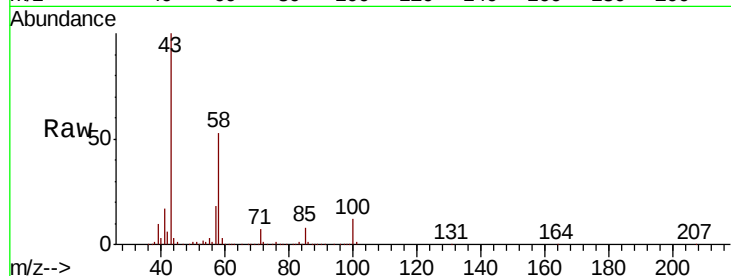




#59  
2-Hexanone  
Concen: 286.576 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

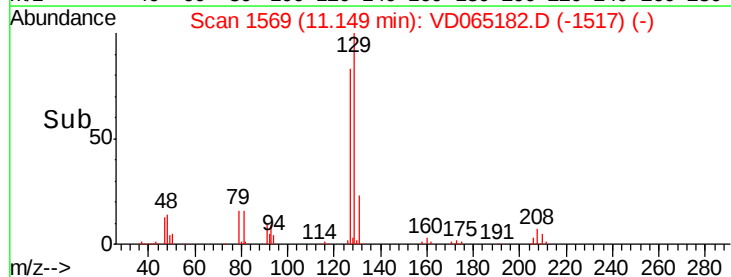
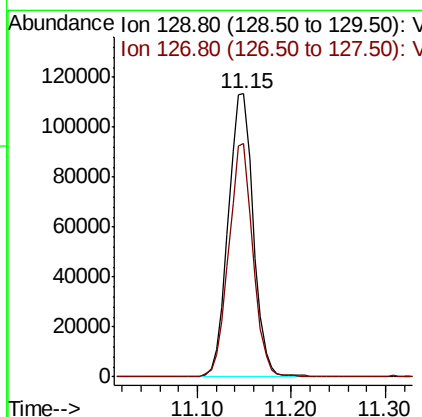
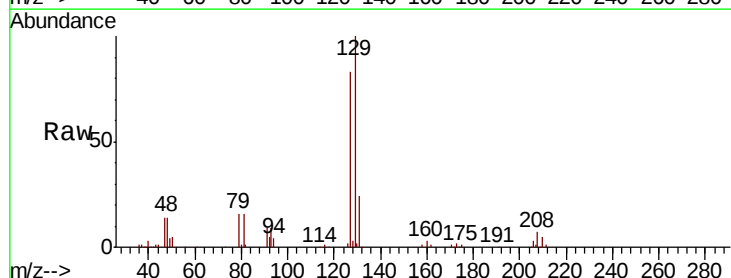
Instrument :  
MSVOA\_D  
ClientSampleId :

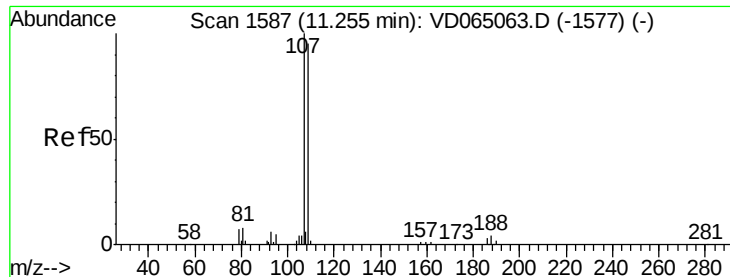
Tot Ion: 43 Resp: 476788  
Ion Ratio Lower Upper  
43 100  
58 53.3 26.2 78.6



#60  
Dibromochloromethane  
Concen: 55.741 ug/l  
RT: 11.15 min Scan# 1569  
Delta R.T. 0.01 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion: 129 Resp: 210384  
Ion Ratio Lower Upper  
129 100  
127 79.6 38.3 114.9

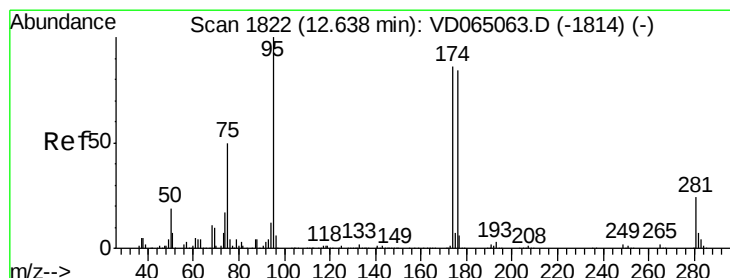
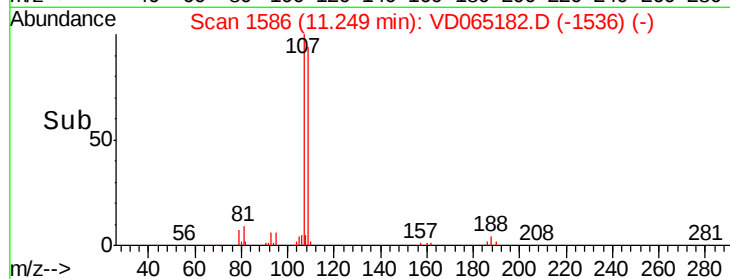
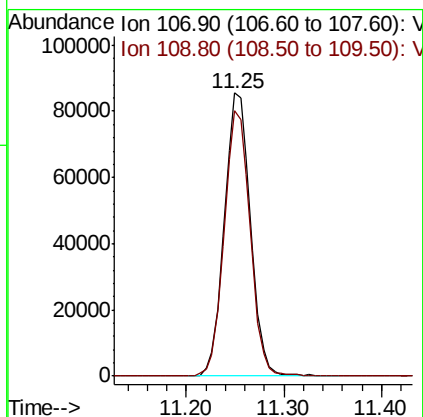
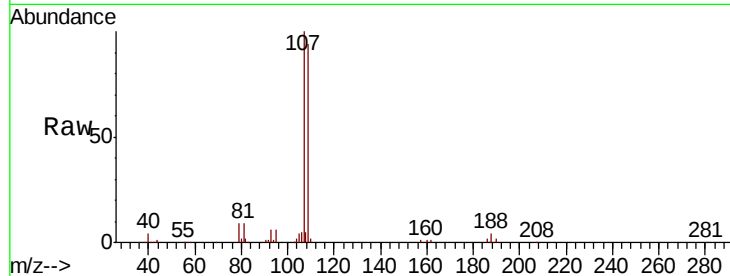




#61  
 1,2-Dibromoethane  
 Concen: 55.500 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. -0.01 min  
 Lab File: VD065182.D  
 Acq: 13 Feb 2020 17:42

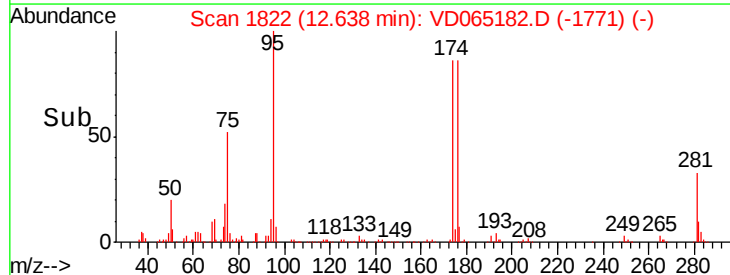
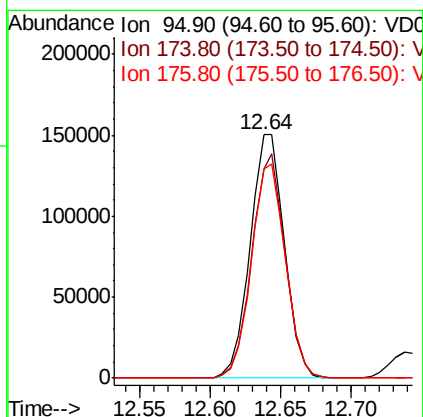
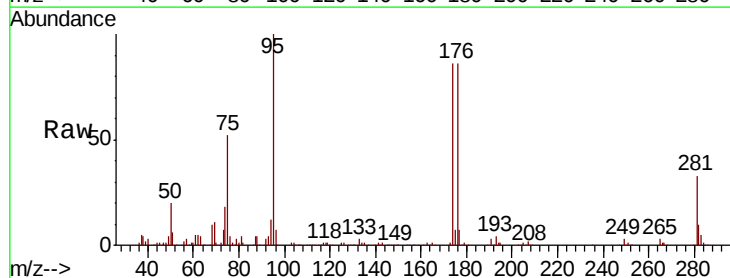
Instrument :  
 MSVOA\_D  
 ClientSampleID :

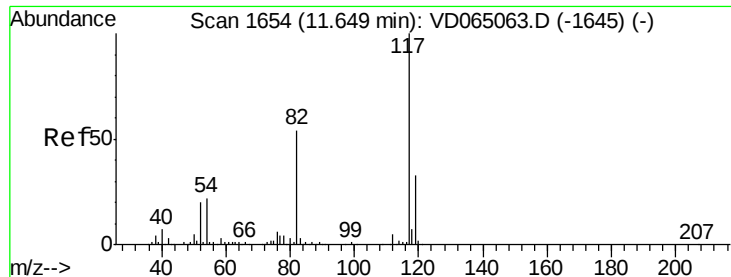
Tot Ion: 107 Resp: 158023  
 Ion Ratio Lower Upper  
 107 100  
 109 93.1 75.5 113.3



#62  
 4-Bromofluorobenzene  
 Concen: 55.653 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. -0.00 min  
 Lab File: VD065182.D  
 Acq: 13 Feb 2020 17:42

Tgt Ion: 95 Resp: 257170  
 Ion Ratio Lower Upper  
 95 100  
 174 89.2 0.0 180.0  
 176 87.1 0.0 173.2

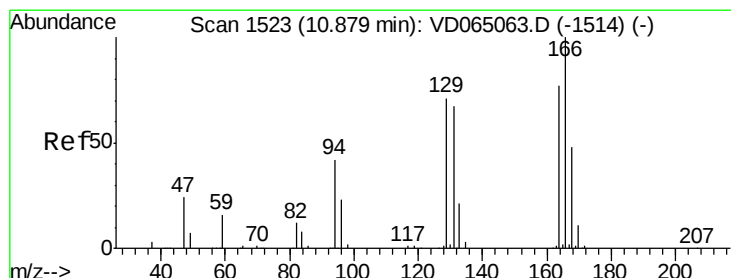
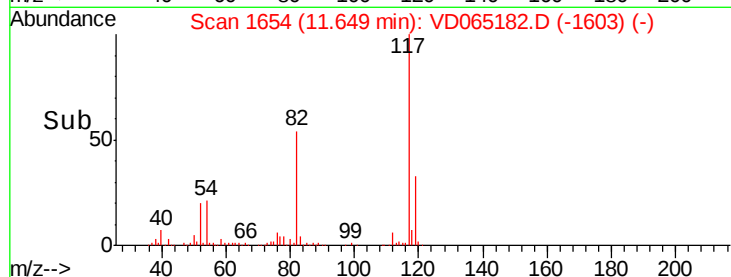
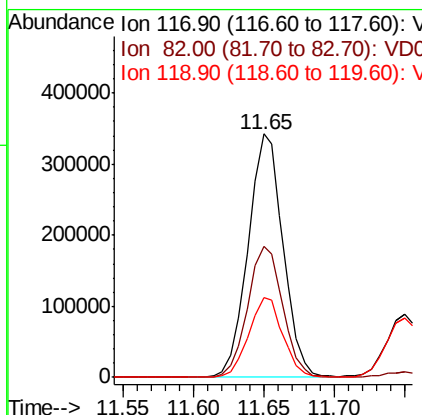
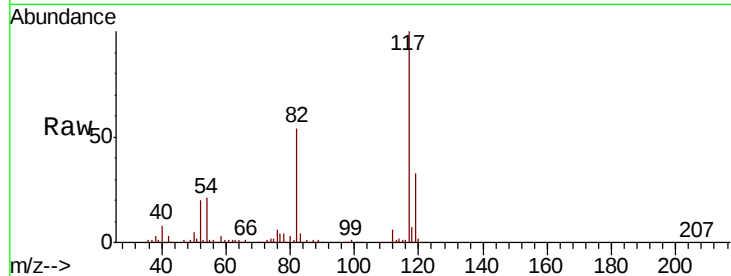




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

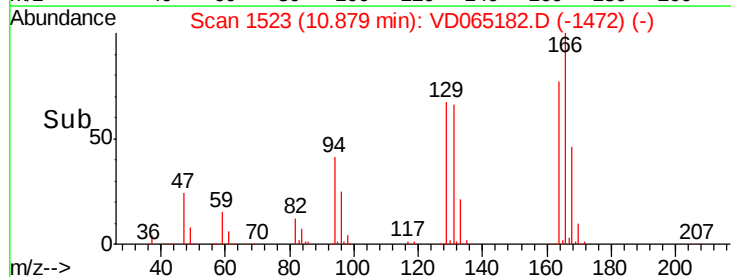
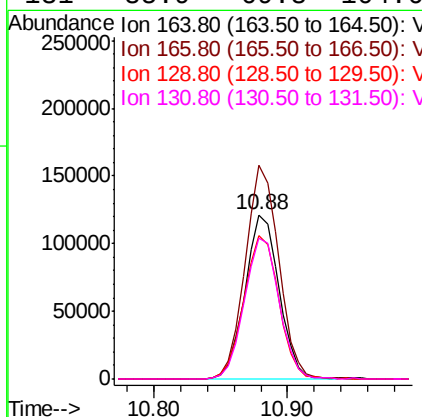
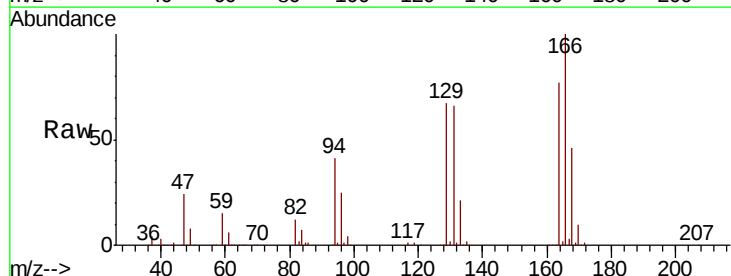
Instrument :  
MSVOA\_D  
ClientSampled :

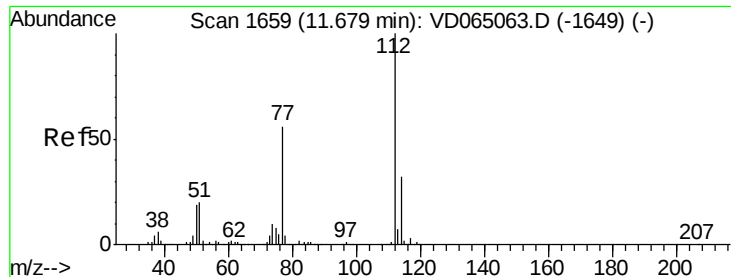
Tot Ion:117 Resp: 595791  
Ion Ratio Lower Upper  
117 100  
82 53.7 43.1 64.7  
119 32.8 26.0 39.0



#64  
Tetrachloroethene  
Concen: 49.901 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion:164 Resp: 213630  
Ion Ratio Lower Upper  
164 100  
166 129.9 103.5 155.3  
129 87.4 73.3 109.9  
131 85.9 69.8 104.6

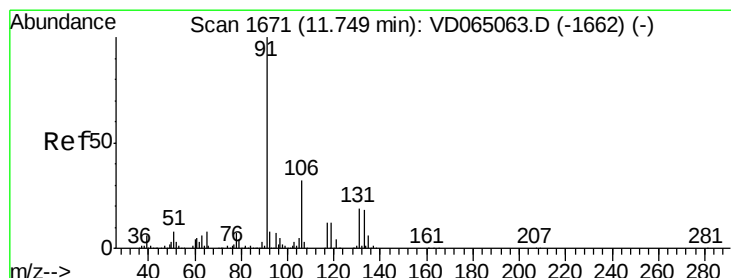
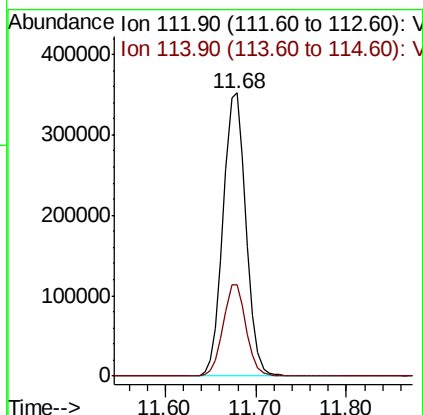
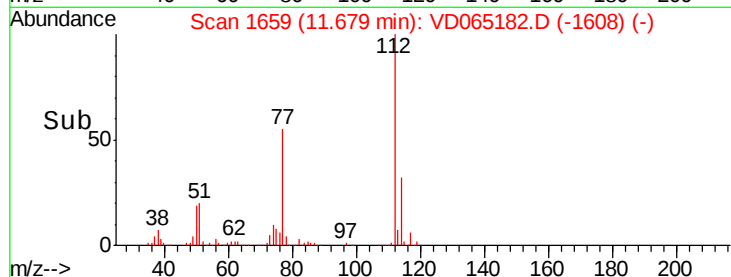
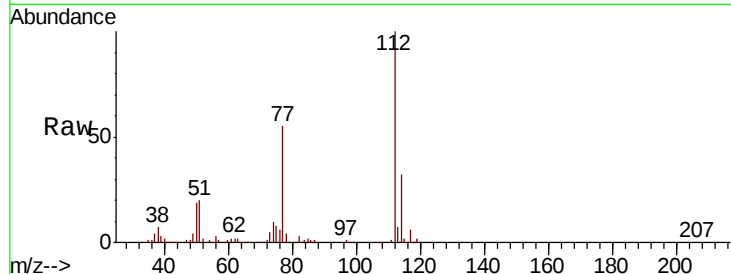




#65  
Chlorobenzene  
Concen: 53.430 ug/l  
RT: 11.68 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

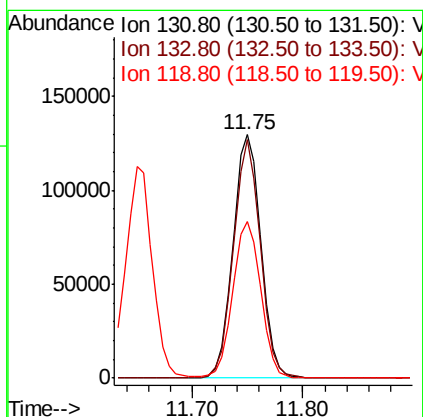
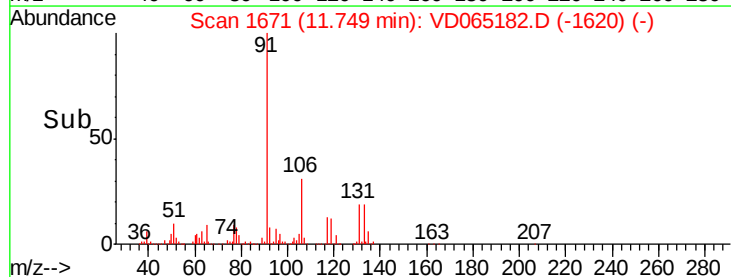
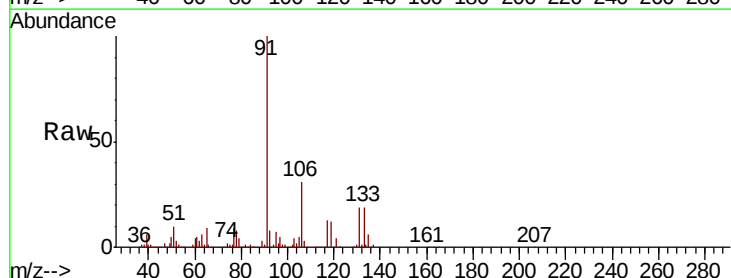
Instrument :  
MSVOA\_D  
ClientSampleId :

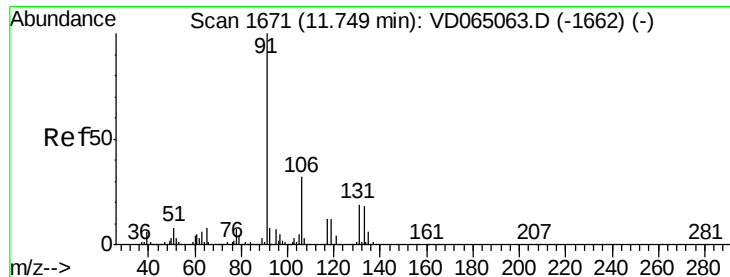
Tot Ion:112 Resp: 615699  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.185 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion:131 Resp: 230454  
Ion Ratio Lower Upper  
131 100  
133 94.6 47.7 143.1  
119 64.8 31.3 93.8





#67

Ethyl Benzene

Concen: 53.159 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

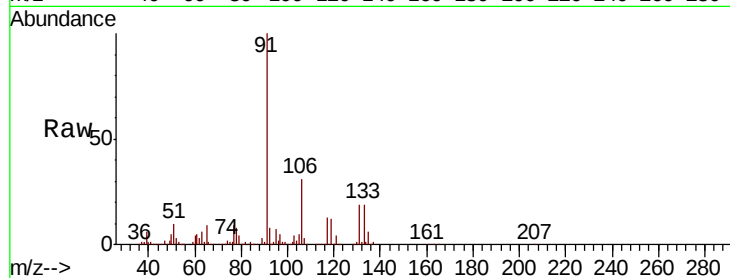
ClientSampleId :

Tot Ion: 91 Resp: 1112932

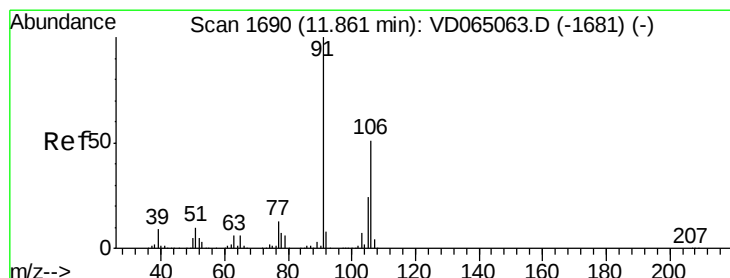
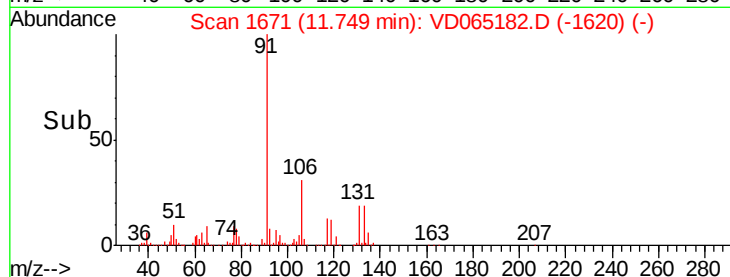
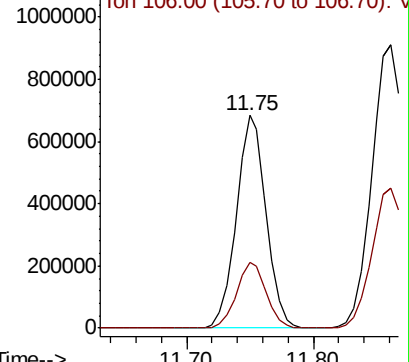
Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VD065182.D (-1620) (-)



#68

m/p-Xylenes

Concen: 106.783 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD065182.D

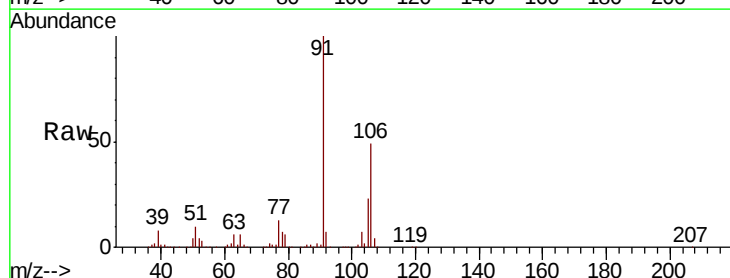
Acq: 13 Feb 2020 17:42

Tgt Ion: 106 Resp: 853275

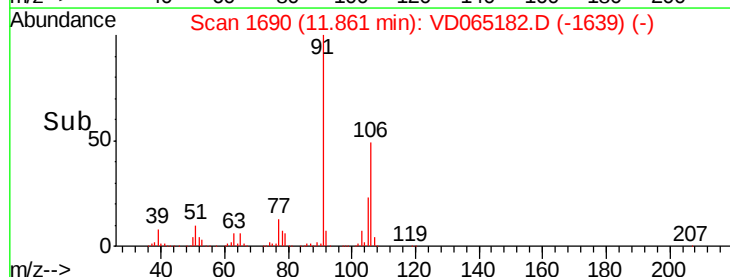
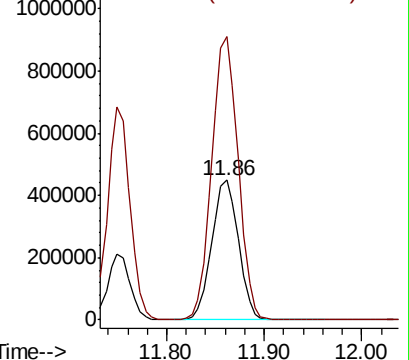
Ion Ratio Lower Upper

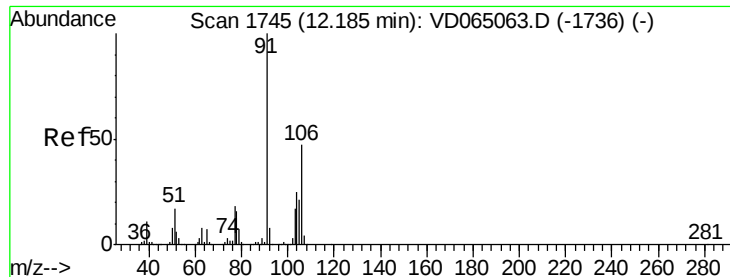
106 100

91 200.7 158.9 238.3



Abundance Ion 106.00 (105.70 to 106.70): VD065182.D (-1639) (-)

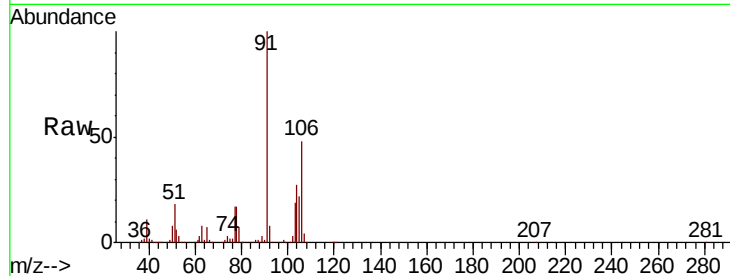




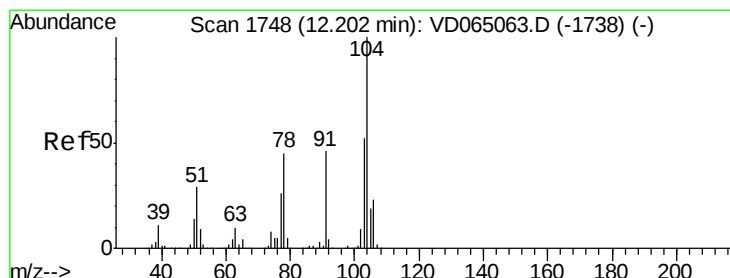
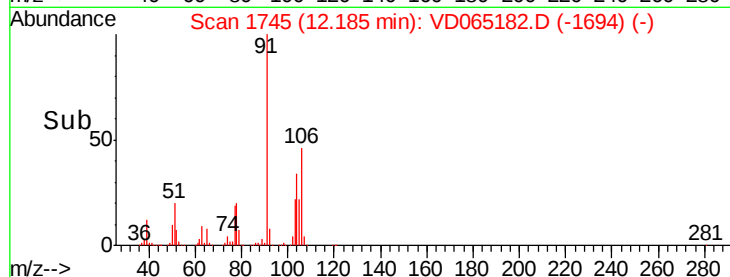
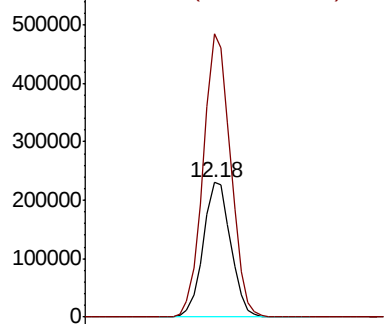
#69  
o-Xylene  
Concen: 53.035 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:106 Resp: 381631  
Ion Ratio Lower Upper  
106 100  
91 208.6 104.7 313.9

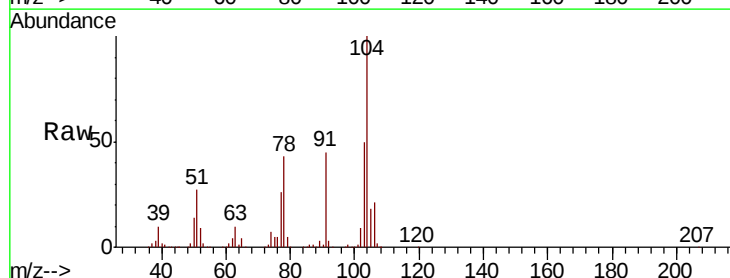


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): V

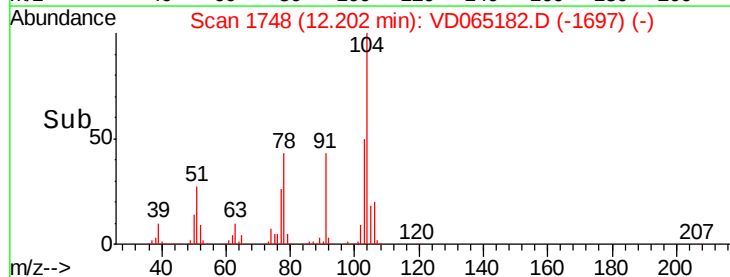
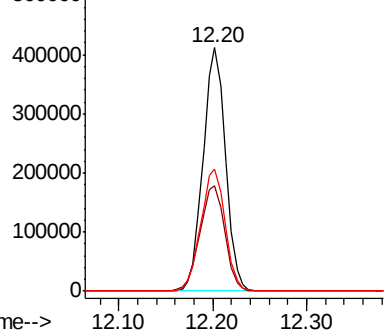


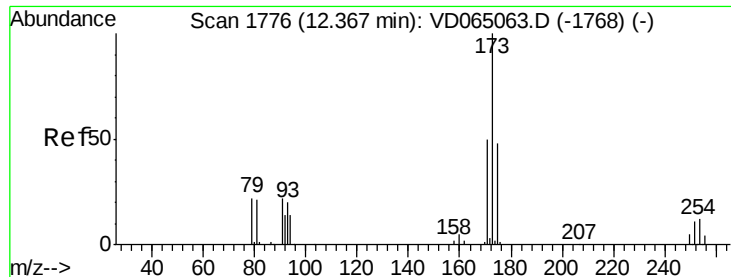
#70  
Styrene  
Concen: 54.642 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion:104 Resp: 683377  
Ion Ratio Lower Upper  
104 100  
78 47.9 38.5 57.7  
103 54.5 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): V  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 55.462 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

ClientSampleId :

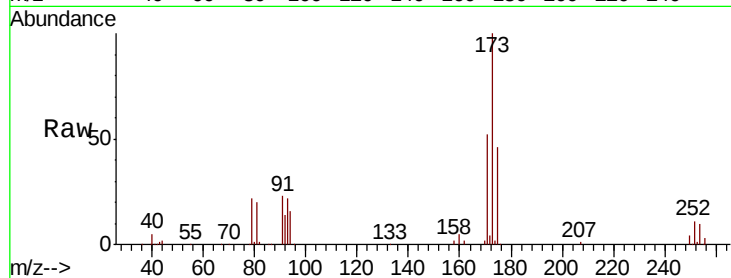
Tot Ion:173 Resp: 126964

Ion Ratio Lower Upper

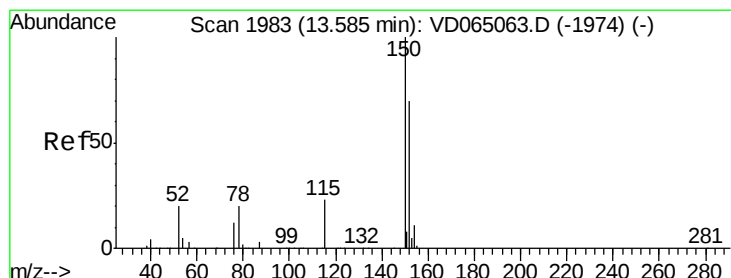
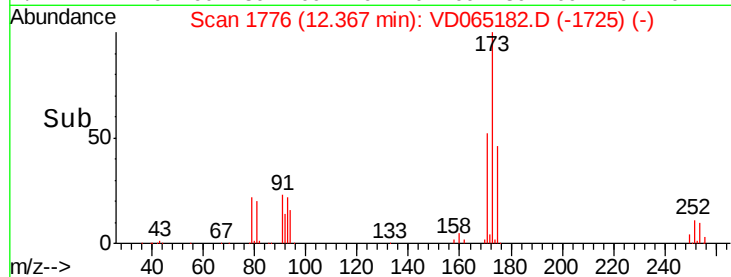
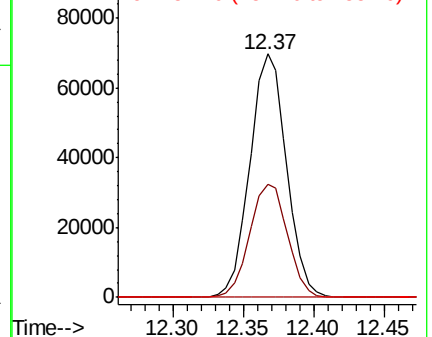
173 100

175 48.0 24.3 72.8

254 0.1 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: VD065182.D

Acq: 13 Feb 2020 17:42

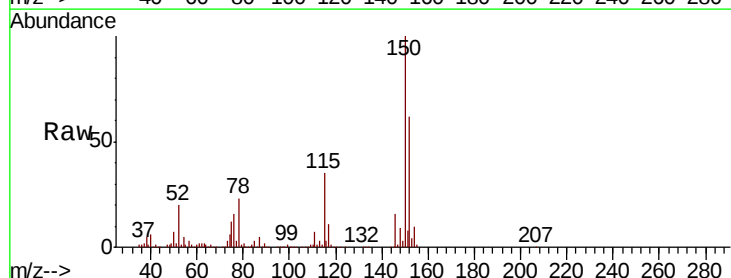
Tgt Ion:152 Resp: 297070

Ion Ratio Lower Upper

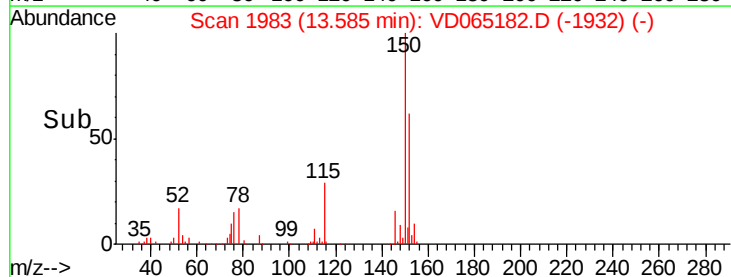
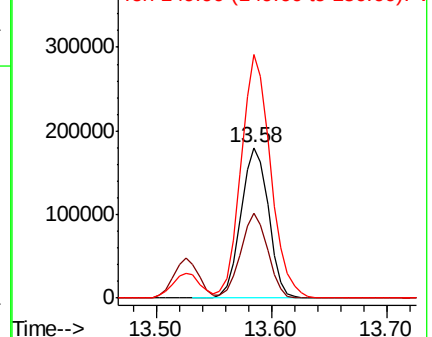
152 100

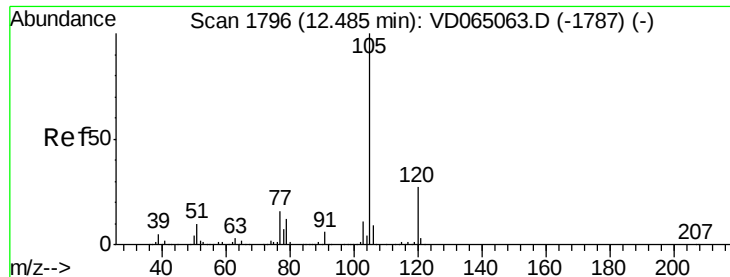
115 55.1 27.5 82.4

150 173.2 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

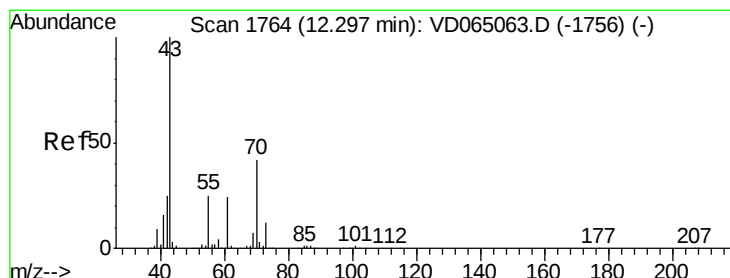
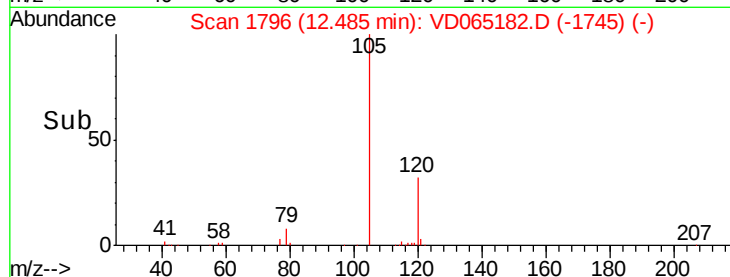
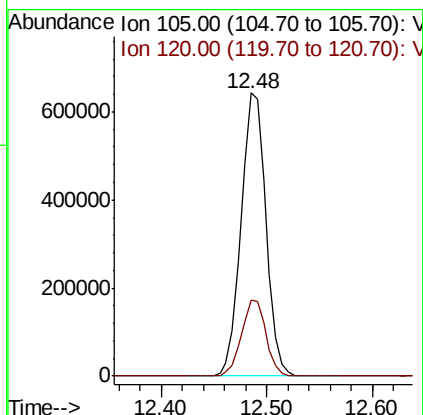
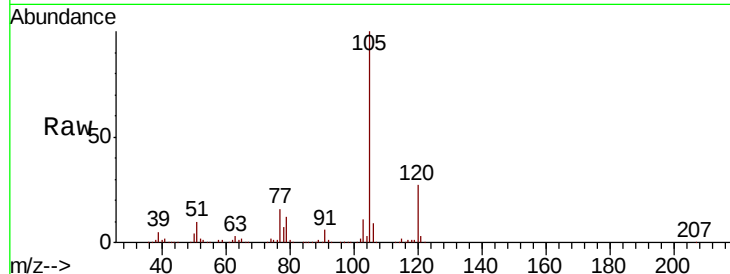




#73  
Isopropylbenzene  
Concen: 51.189 ug/l  
RT: 12.48 min Scan# 1796  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

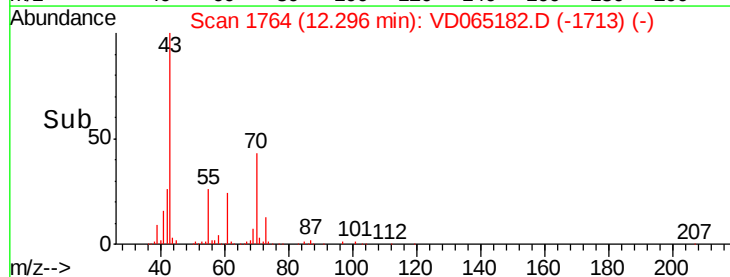
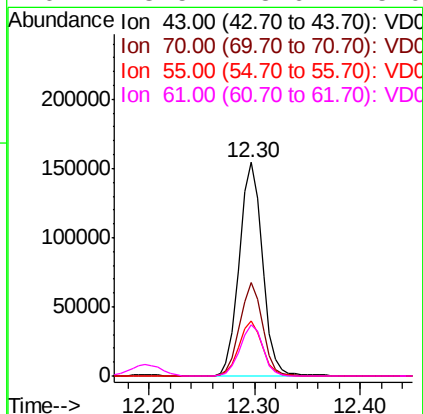
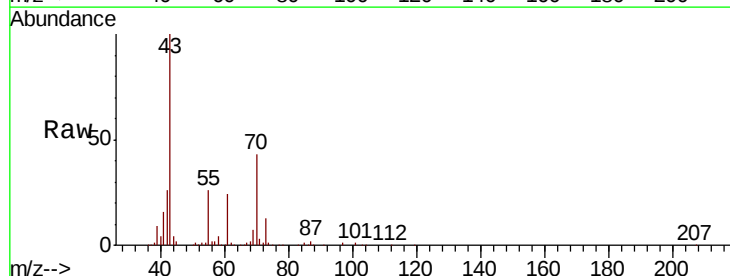
Instrument :  
MSVOA\_D  
ClientSampleId :

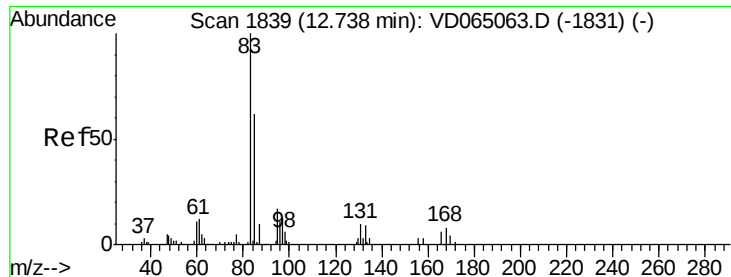
Tot Ion:105 Resp: 1043735  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.3 39.9



#74  
N-ethyl acetate  
Concen: 52.722 ug/l  
RT: 12.30 min Scan# 1764  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion: 43 Resp: 233656  
Ion Ratio Lower Upper  
43 100  
70 42.9 33.5 50.3  
55 25.8 19.4 29.2  
61 23.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.790 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

ClientSampleId :

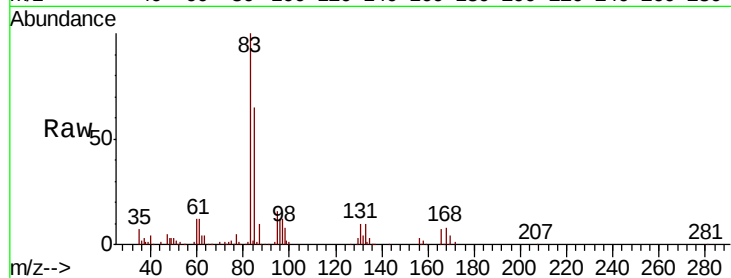
Tot Ion: 83 Resp: 172614

Ion Ratio Lower Upper

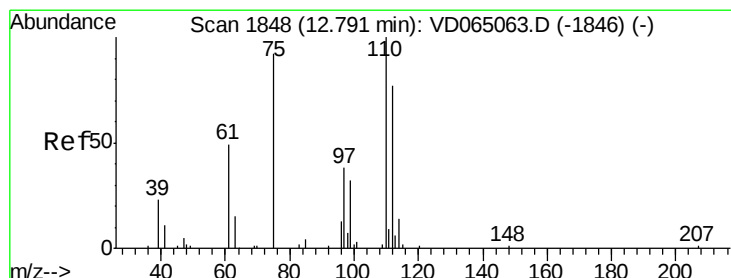
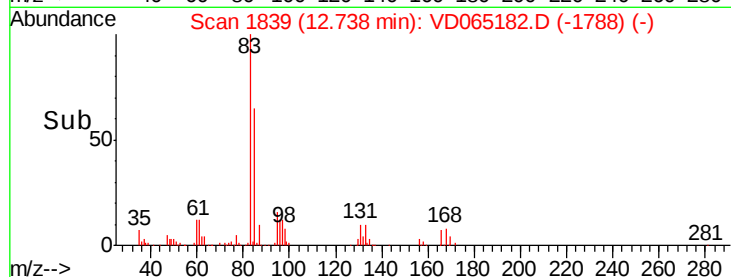
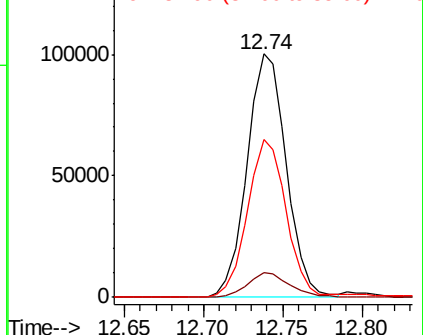
83 100

131 10.9 5.5 16.4

85 64.2 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: 104.115 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065182.D

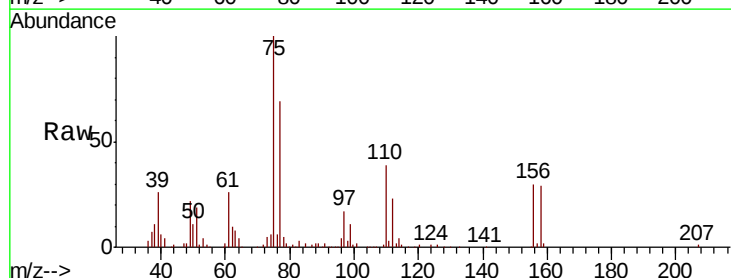
Acq: 13 Feb 2020 17:42

Tgt Ion: 75 Resp: 234168

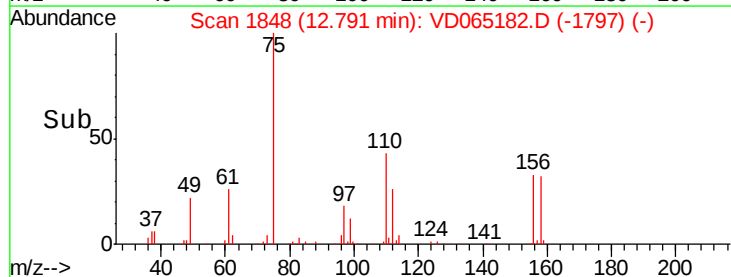
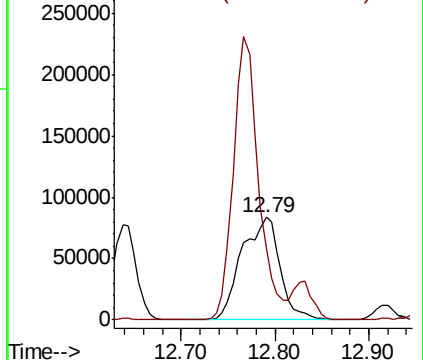
Ion Ratio Lower Upper

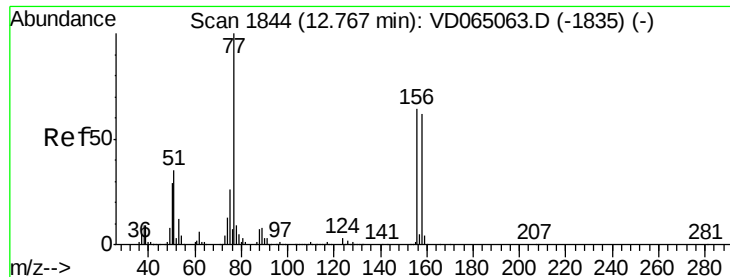
75 100

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: 50.614 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

ClientSampleId :

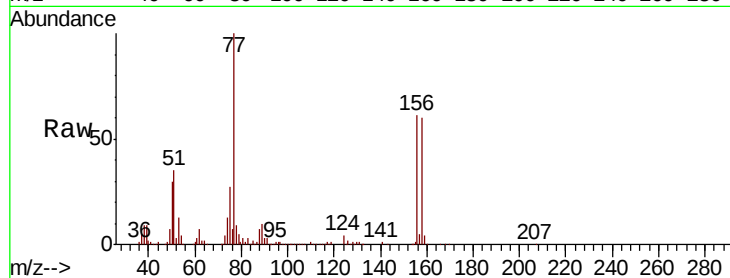
Tot Ion:156 Resp: 248644

Ion Ratio Lower Upper

156 100

77 172.6 85.6 256.8

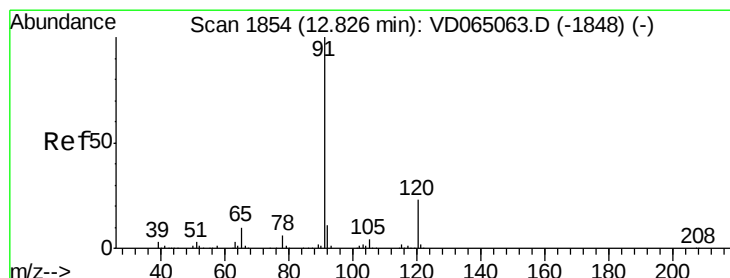
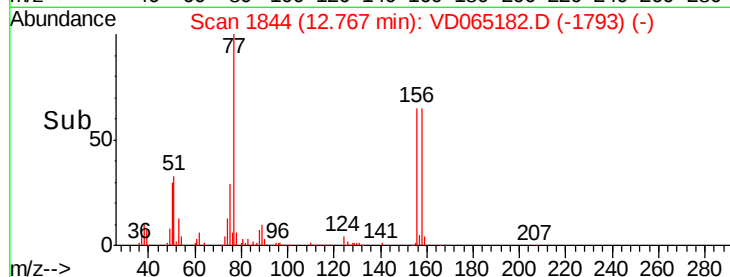
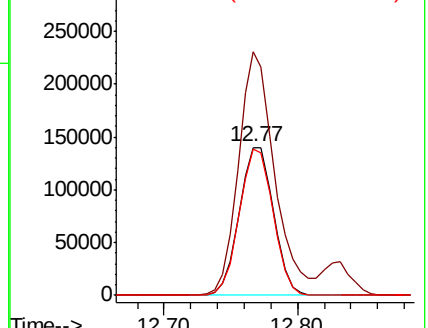
158 97.3 47.4 142.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.956 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065182.D

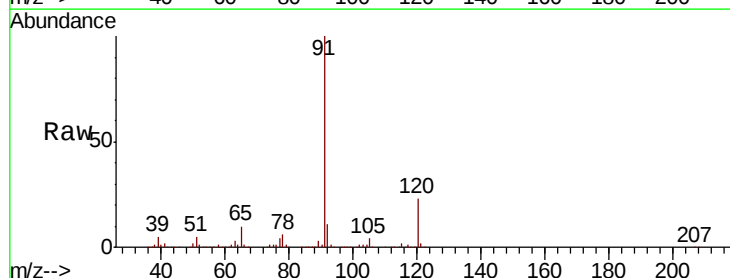
Acq: 13 Feb 2020 17:42

Tgt Ion: 91 Resp: 1240613

Ion Ratio Lower Upper

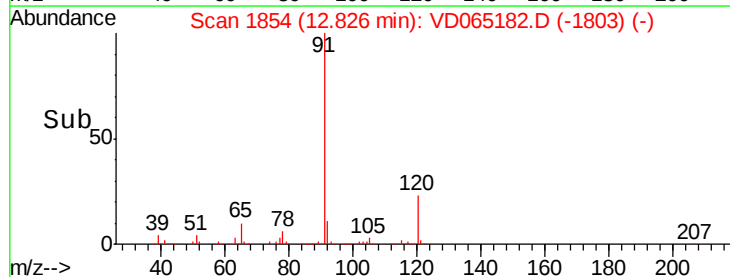
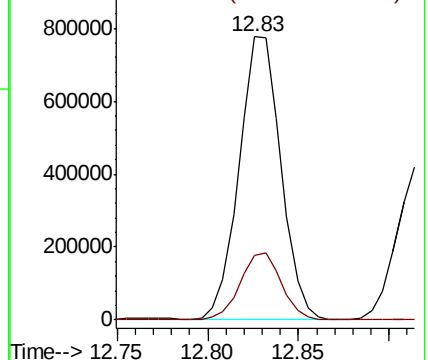
91 100

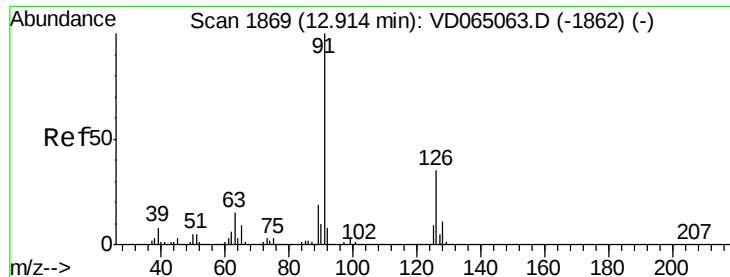
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.594 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

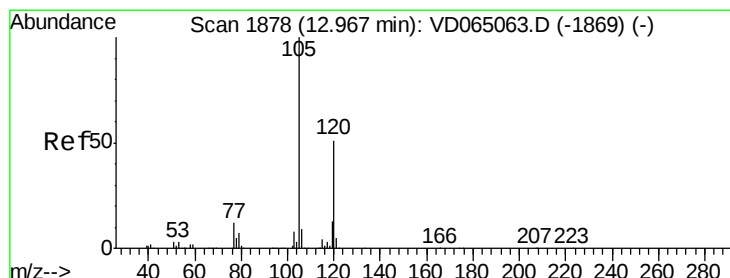
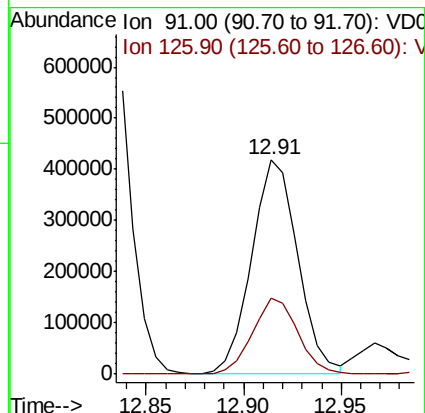
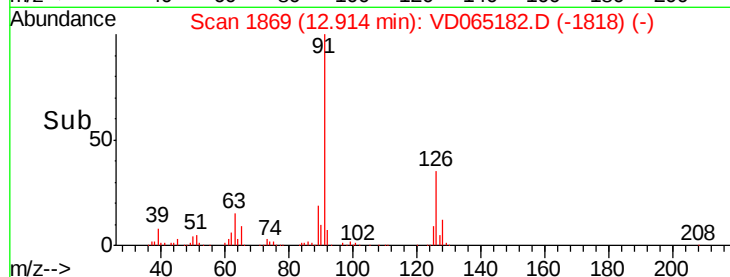
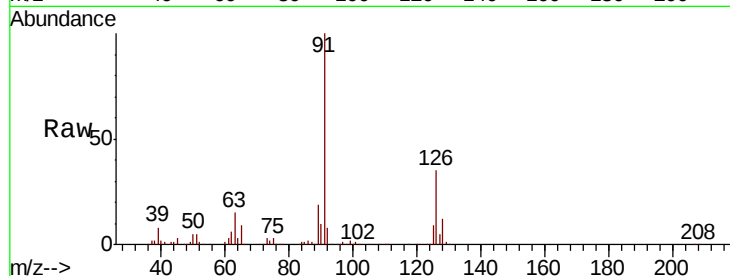
ClientSampleId :

Tot Ion: 91 Resp: 686711

Ion Ratio Lower Upper

91 100

126 34.6 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 51.305 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065182.D

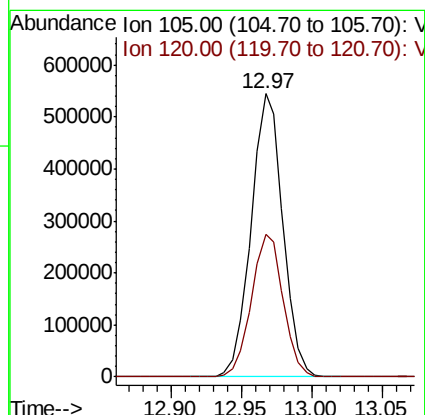
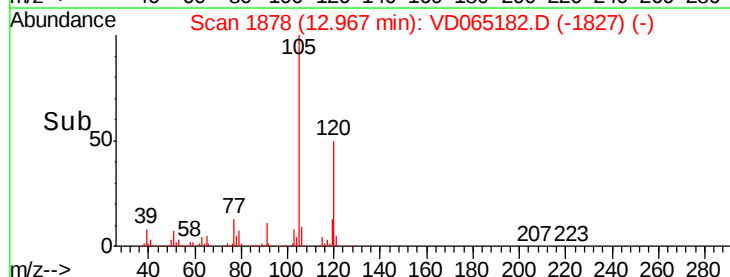
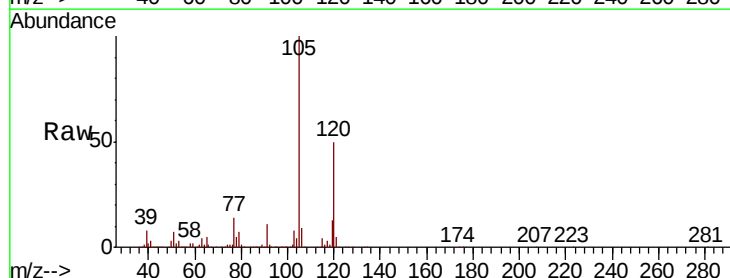
Acq: 13 Feb 2020 17:42

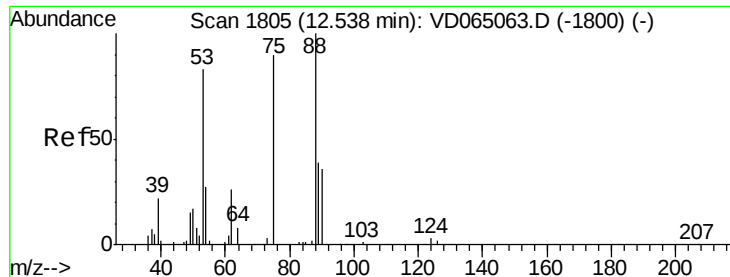
Tgt Ion:105 Resp: 855814

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 52.446 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

ClientSampleId :

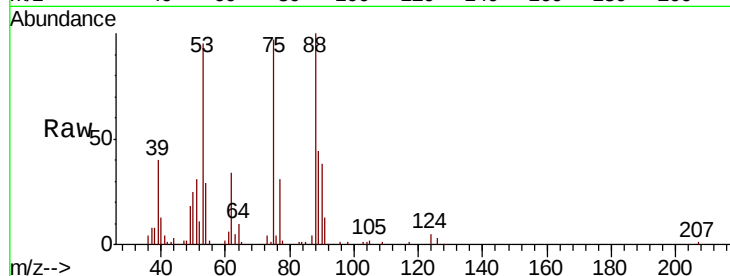
Tot Ion: 75 Resp: 58981

Ion Ratio Lower Upper

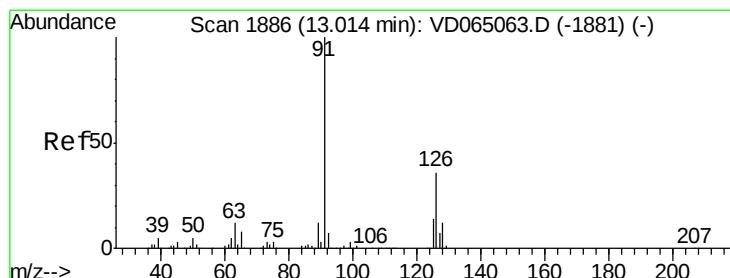
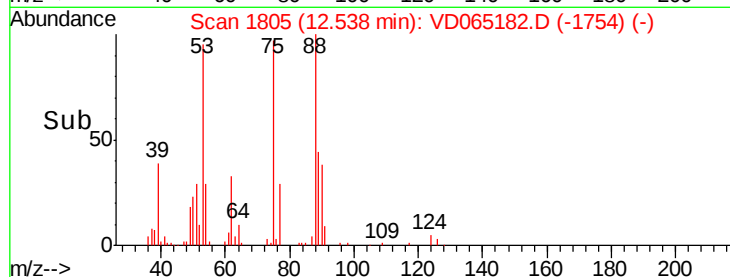
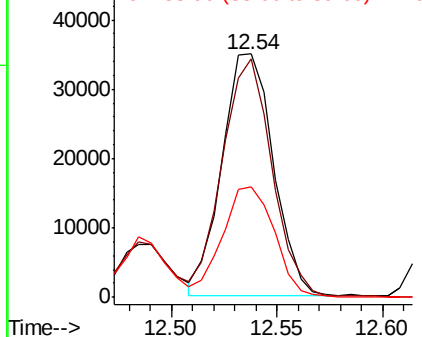
75 100

53 94.6 78.5 117.7

89 46.4 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: 51.398 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065182.D

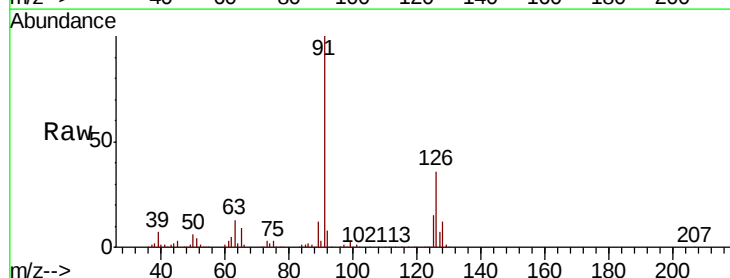
Acq: 13 Feb 2020 17:42

Tgt Ion: 91 Resp: 718485

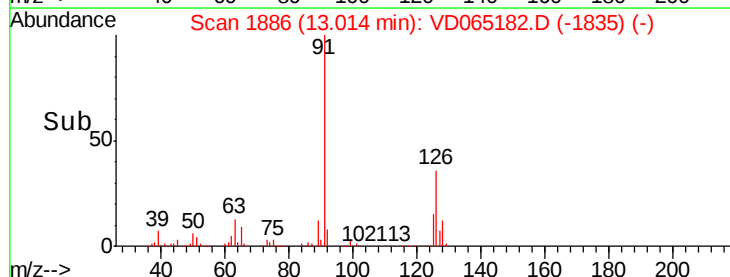
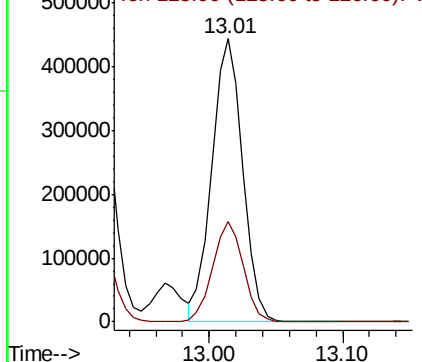
Ion Ratio Lower Upper

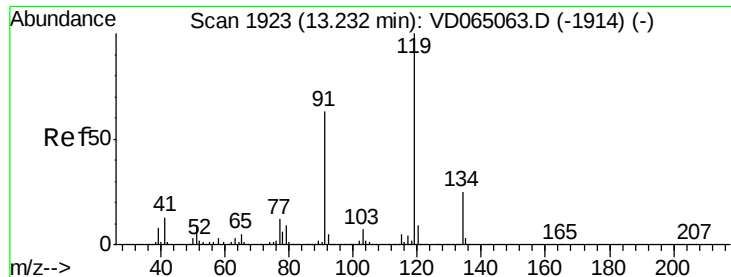
91 100

126 35.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 125.90 (125.60 to 126.60): V

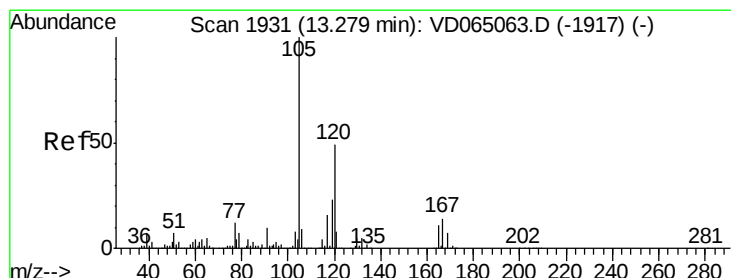
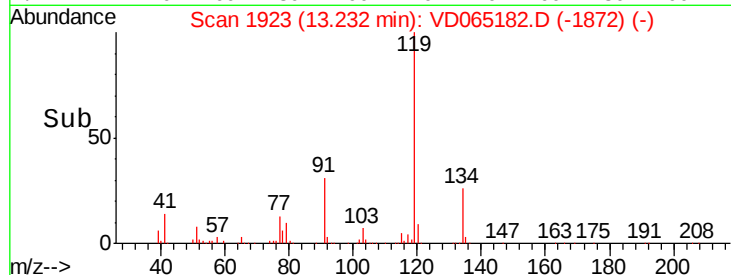
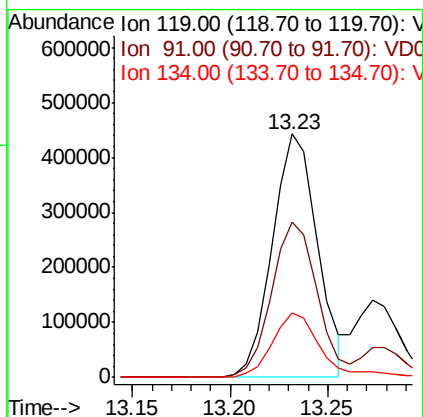
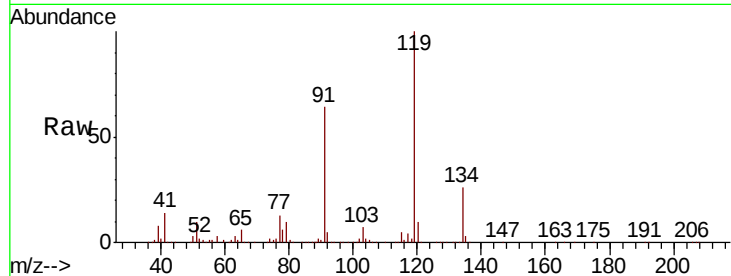




#83  
tert-Butylbenzene  
Concen: 49.228 ug/l  
RT: 13.23 min Scan# 1923  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

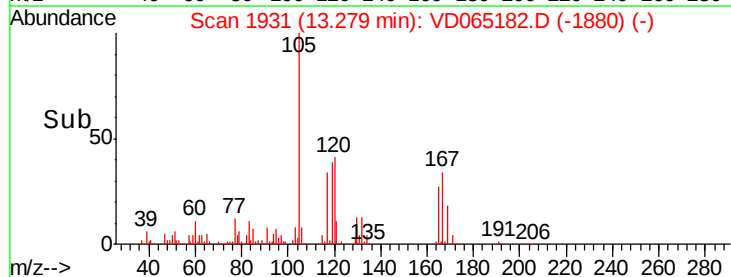
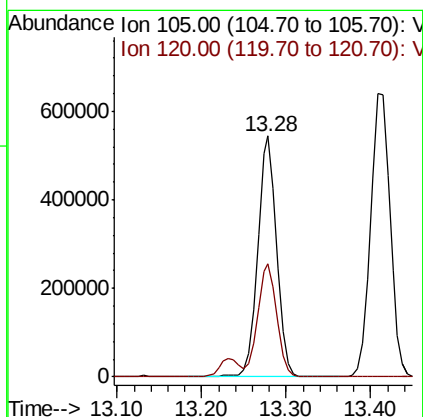
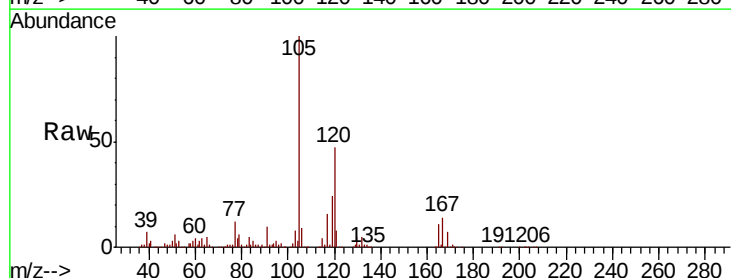
Instrument :  
MSVOA\_D  
ClientSampleId :

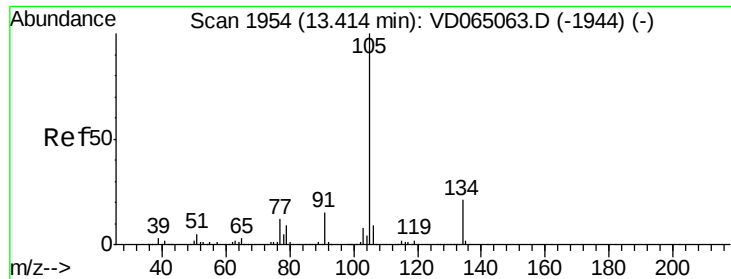
Tot Ion:119 Resp: 708450  
Ion Ratio Lower Upper  
119 100  
91 64.6 32.3 96.9  
134 28.2 13.8 41.3



#84  
1,2,4-Trimethylbenzene  
Concen: 51.747 ug/l  
RT: 13.28 min Scan# 1931  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion:105 Resp: 856955  
Ion Ratio Lower Upper  
105 100  
120 47.5 23.5 70.5





#85

sec-Butylbenzene

Concen: 51.689 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.01 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

Instrument :

MSVOA\_D

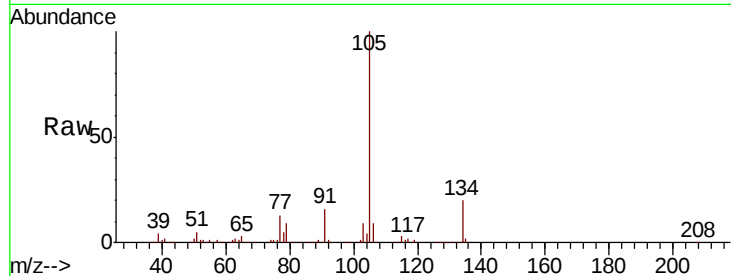
ClientSampleId :

Tot Ion:105 Resp: 1015977

Ion Ratio Lower Upper

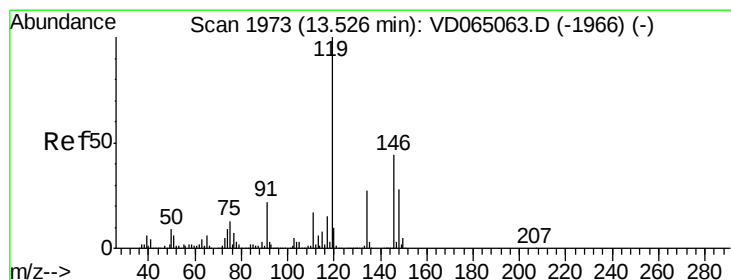
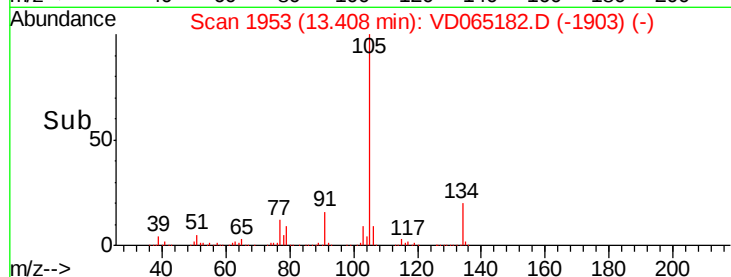
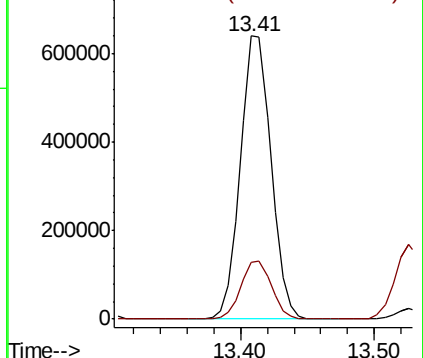
105 100

134 20.5 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: 52.184 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065182.D

Acq: 13 Feb 2020 17:42

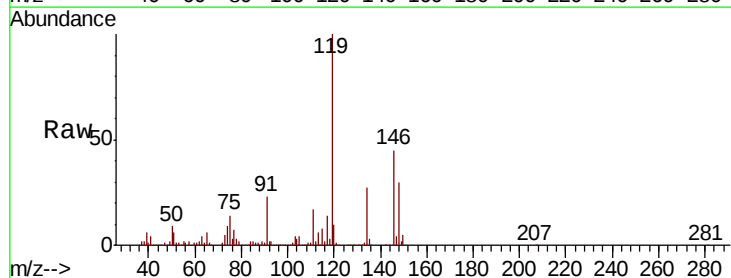
Tgt Ion:119 Resp: 953006

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

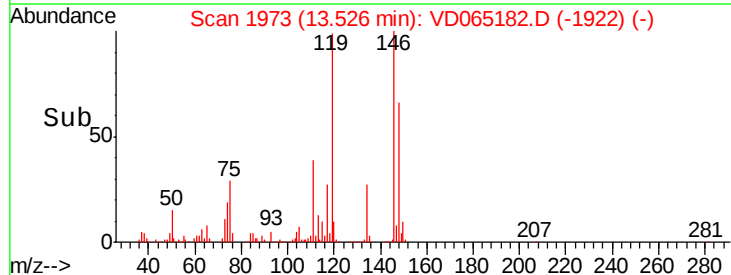
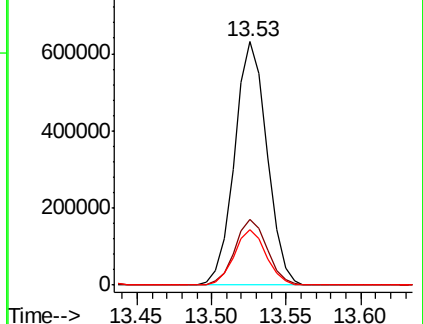
91 22.3 11.3 33.9

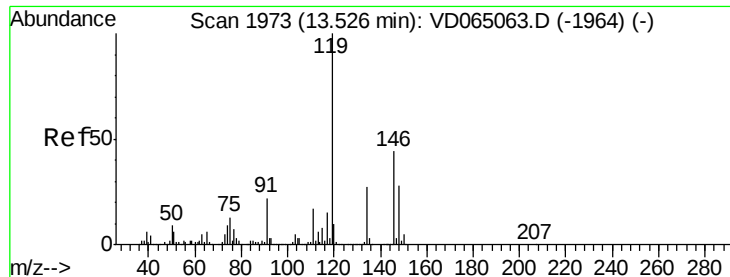


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

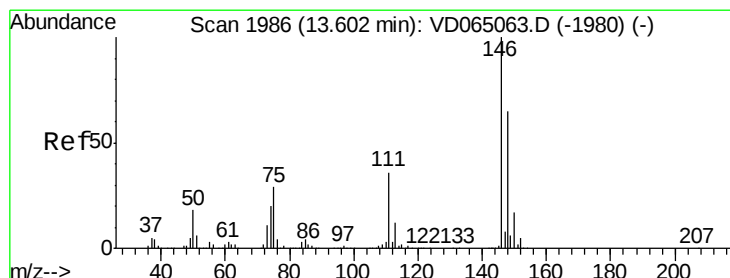
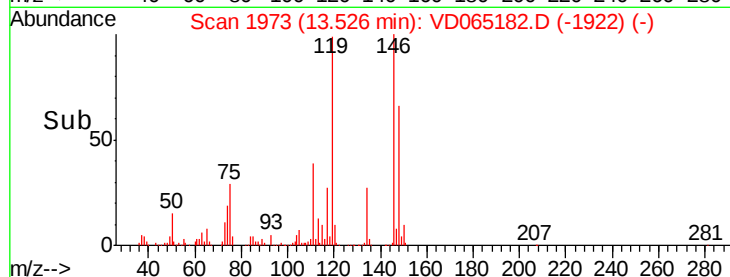
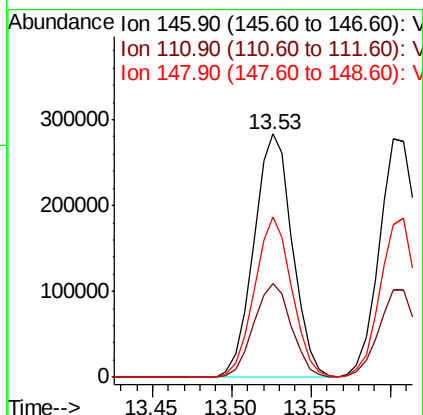
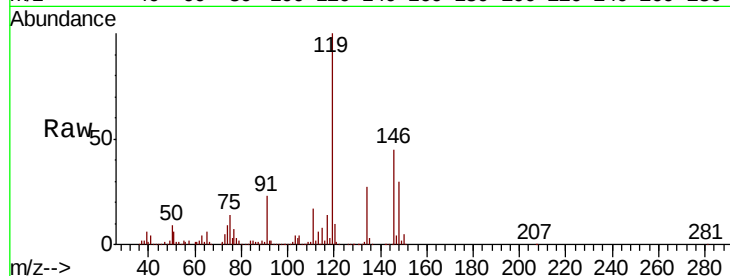




#87  
 1,3-Dichlorobenzene  
 Concen: 51.941 ug/l  
 RT: 13.53 min Scan# 1973  
 Delta R.T. -0.00 min  
 Lab File: VD065182.D  
 Acq: 13 Feb 2020 17:42

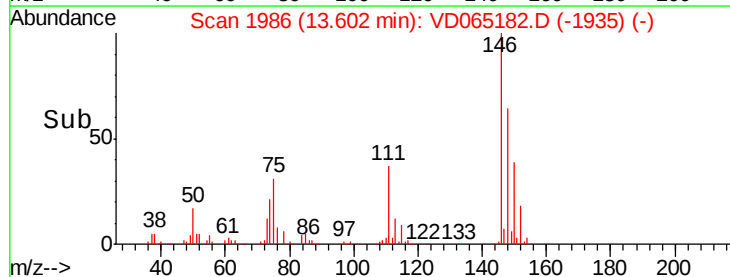
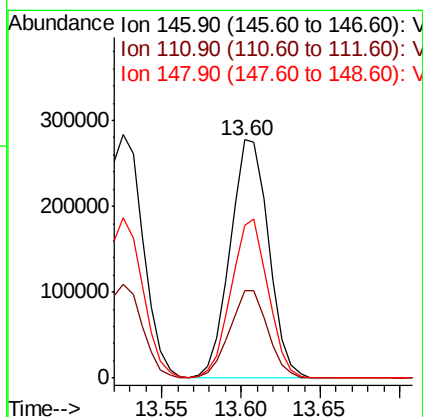
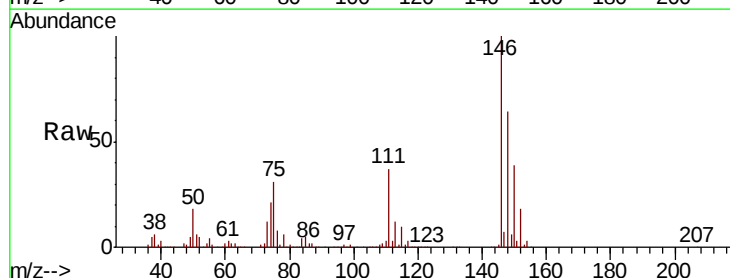
Instrument :  
 MSVOA\_D  
 ClientSampleId :

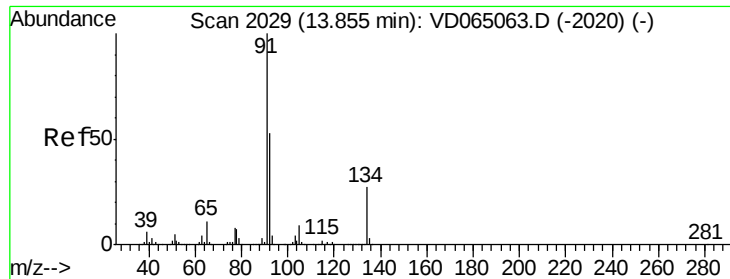
Tot Ion:146 Resp: 477744  
 Ion Ratio Lower Upper  
 146 100  
 111 38.0 19.4 58.4  
 148 64.0 32.3 96.8



#88  
 1,4-Dichlorobenzene  
 Concen: 50.993 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VD065182.D  
 Acq: 13 Feb 2020 17:42

Tgt Ion:146 Resp: 466813  
 Ion Ratio Lower Upper  
 146 100  
 111 36.7 18.5 55.5  
 148 64.2 32.7 98.1

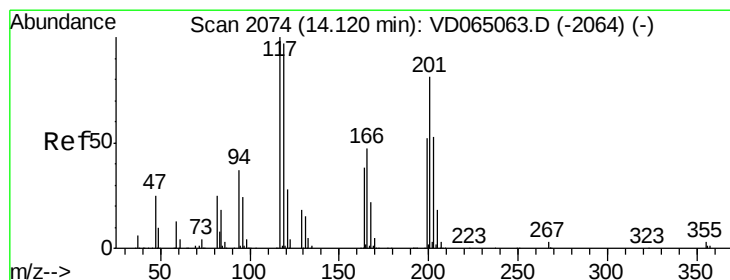
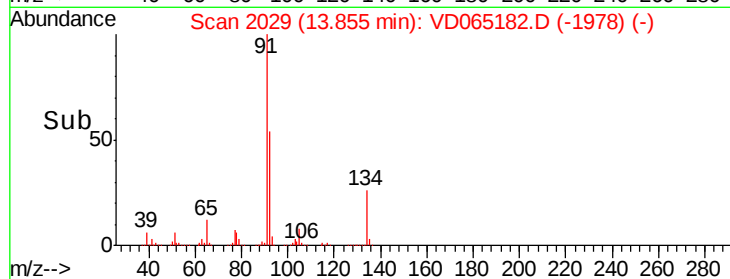
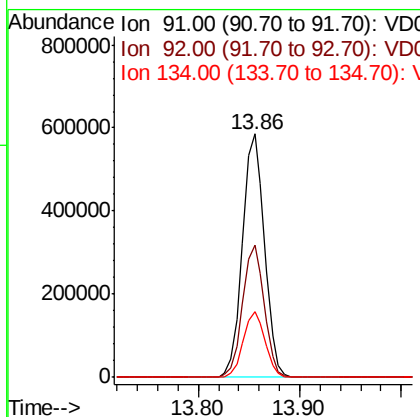
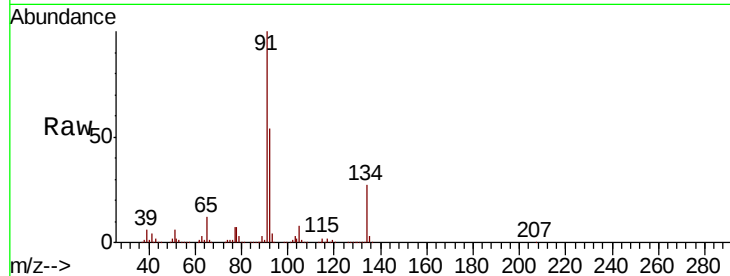




#89  
n-Butylbenzene  
Concen: 52.147 ug/l  
RT: 13.86 min Scan# 2029  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

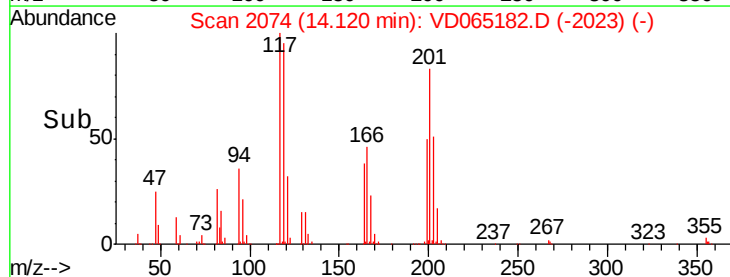
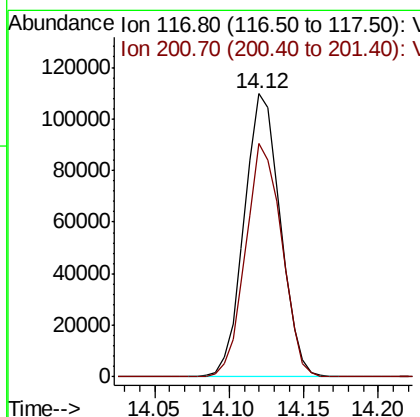
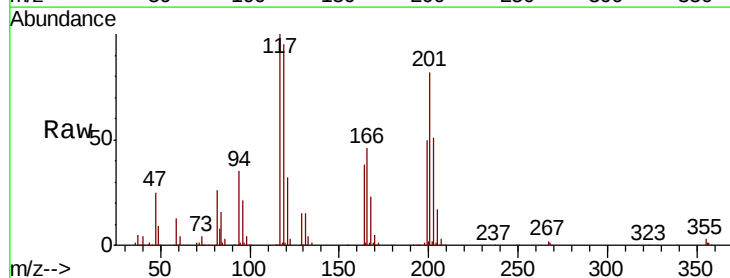
Instrument :  
MSVOA\_D  
ClientSampleId :

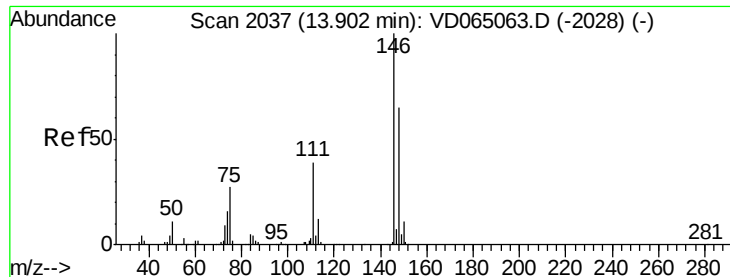
Tot Ion: 91 Resp: 878999  
Ion Ratio Lower Upper  
91 100  
92 53.6 26.7 80.1  
134 26.5 13.4 40.2



#90  
Hexachloroethane  
Concen: 53.158 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Tgt Ion: 117 Resp: 183826  
Ion Ratio Lower Upper  
117 100  
201 82.7 42.5 127.6

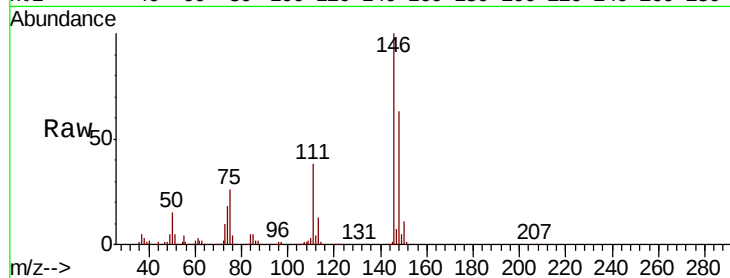




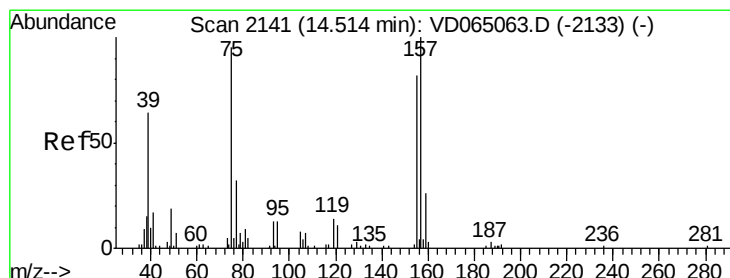
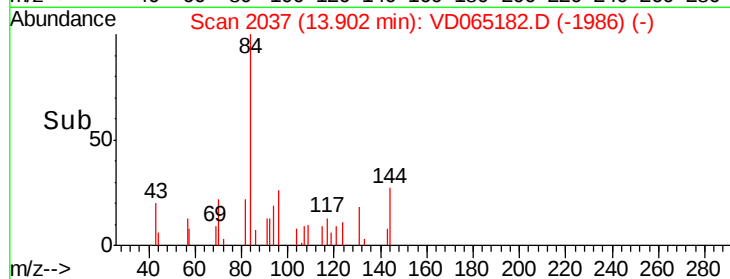
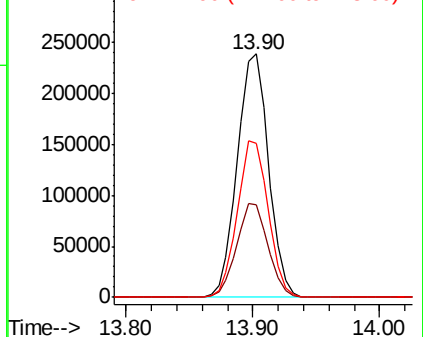
#91  
 1,2-Dichlorobenzene  
 Concen: 51.976 ug/l  
 RT: 13.90 min Scan# 2037  
 Delta R.T. -0.00 min  
 Lab File: VD065182.D  
 Acq: 13 Feb 2020 17:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.5  | 19.7  | 59.1  |
| 148     | 63.2  | 31.9  | 95.5  |

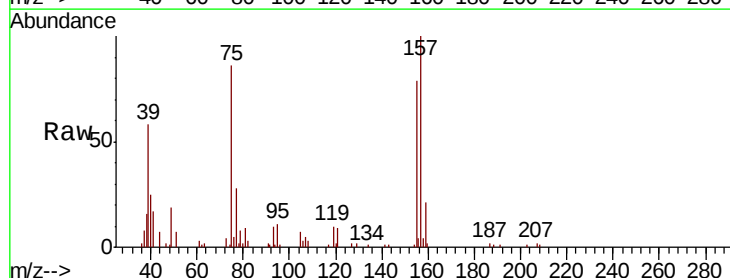


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

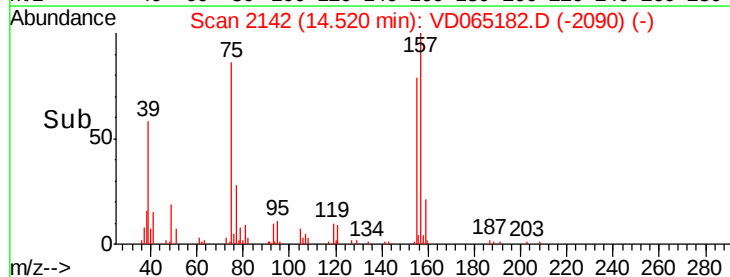
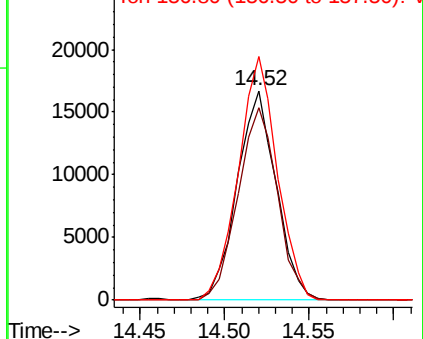


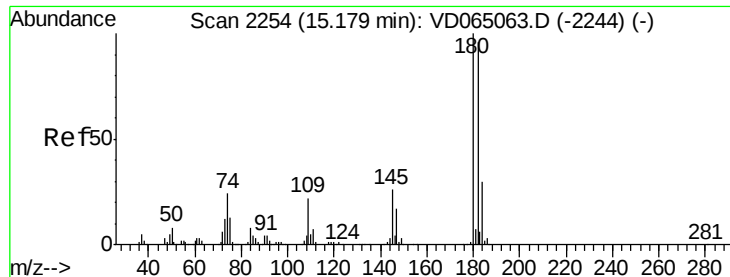
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.370 ug/l  
 RT: 14.52 min Scan# 2142  
 Delta R.T. 0.01 min  
 Lab File: VD065182.D  
 Acq: 13 Feb 2020 17:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.7  | 43.4  | 130.1 |
| 157     | 115.5 | 55.8  | 167.3 |



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V

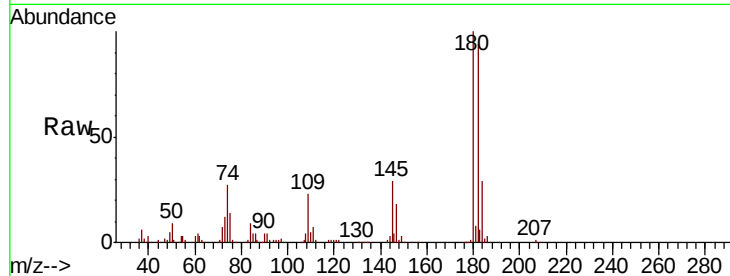




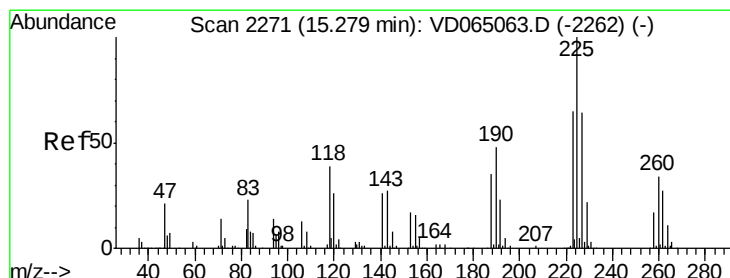
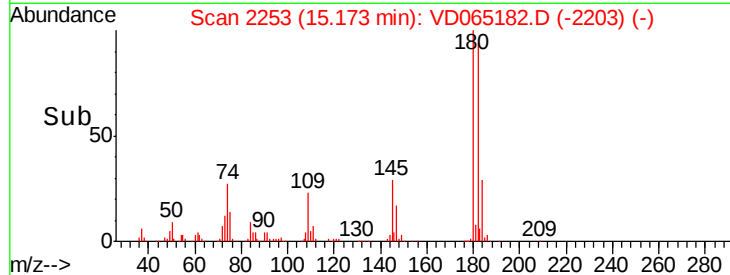
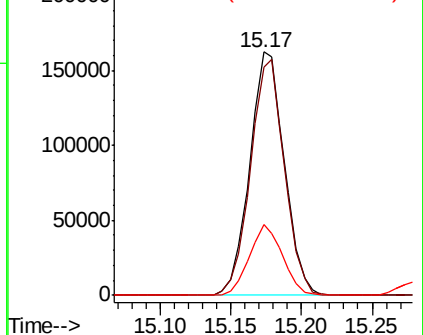
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.497 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. -0.01 min  
 Lab File: VD065182.D  
 Acq: 13 Feb 2020 17:42

Instrument :  
 MSVOA\_D  
 ClientSampleID :

Tot Ion:180 Resp: 278710  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 47.4 142.3  
 145 27.9 14.1 42.4

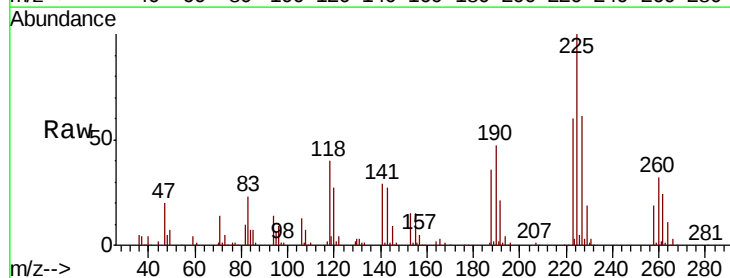


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

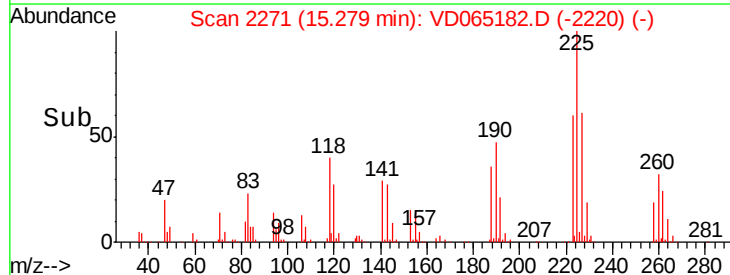
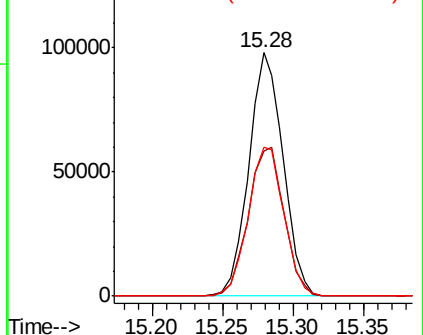


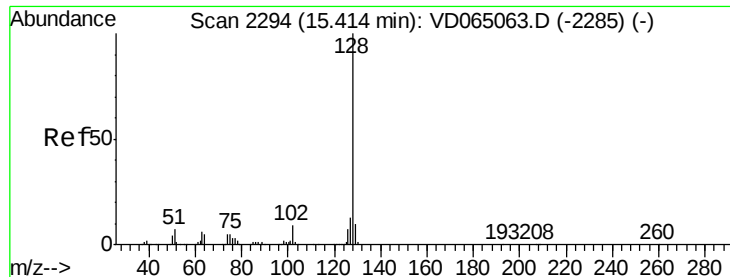
#94  
 Hexachlorobutadiene  
 Concen: 48.380 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. -0.00 min  
 Lab File: VD065182.D  
 Acq: 13 Feb 2020 17:42

Tgt Ion:225 Resp: 167505  
 Ion Ratio Lower Upper  
 225 100  
 223 63.9 31.4 94.0  
 227 63.6 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

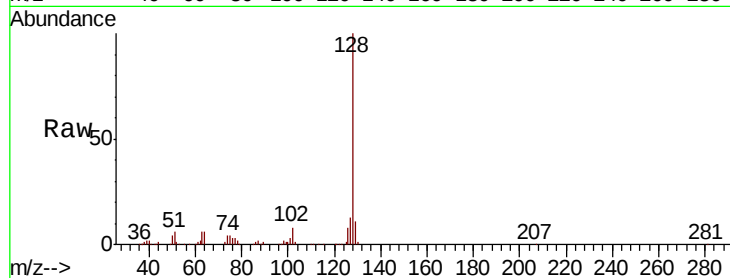




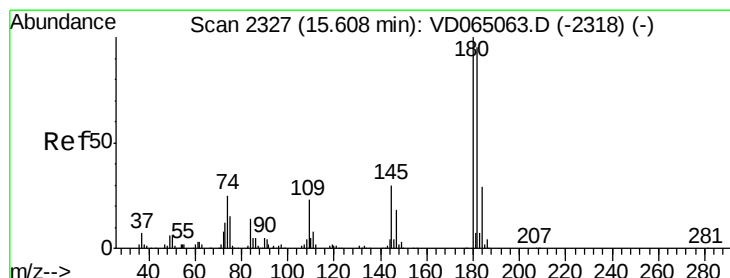
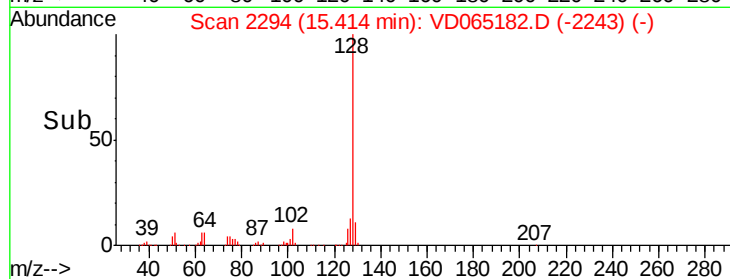
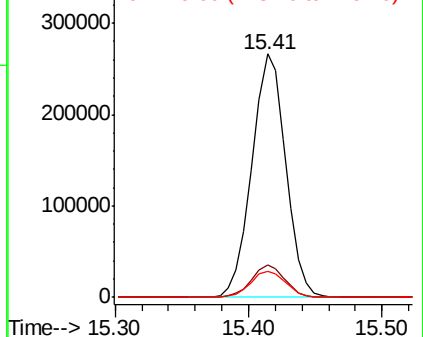
#95  
Naphthalene  
Concen: 49.853 ug/l  
RT: 15.41 min Scan# 2294  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

Instrument :  
MSVOA\_D  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.3  | 10.6  | 15.8  |
| 129     | 11.1  | 8.7   | 13.1  |

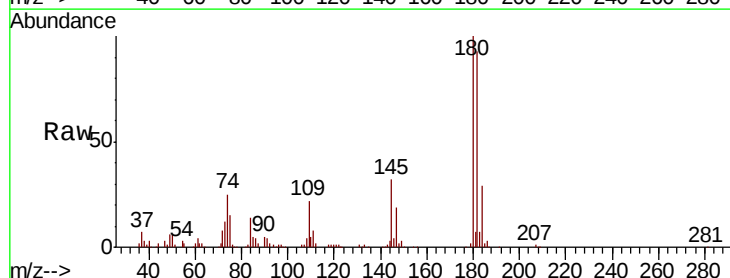


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 49.596 ug/l  
RT: 15.61 min Scan# 2327  
Delta R.T. -0.00 min  
Lab File: VD065182.D  
Acq: 13 Feb 2020 17:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.2  | 47.1  | 141.4 |
| 145     | 30.0  | 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

