

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\  
 Data File : VD065390.D  
 Acq On : 03 Mar 2020 13:11  
 Operator : VA/SY  
 Sample : L1161-02 5PPBL00  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Mar 04 06:01:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D021820S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 04 05:56:59 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 413449   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 633215   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 575248   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 287159   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.34   | 65  | 200712   | 53.96 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.92% |      |
| 35) Dibromofluoromethane  | 7.92   | 113 | 212731   | 55.10 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.20% |      |
| 50) Toluene-d8            | 10.34  | 98  | 797885   | 54.06 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.12% |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 253160   | 54.14 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.28% |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 21705  | 6.259  | ug/l   | 98     |
| 3) Chloromethane              | 2.21 | 50  | 25443  | 5.764  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.35 | 62  | 24781  | 5.521  | ug/l   | 97     |
| 5) Bromomethane               | 2.77 | 94  | 17209  | 6.341  | ug/l   | 98     |
| 6) Chloroethane               | 2.93 | 64  | 15478  | 5.650  | ug/l   | 91     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 39426  | 6.136  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.70 | 74  | 10575  | 5.452  | ug/l   | 87     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 24301  | 5.989  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.30 | 142 | 20845  | 4.947  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.26 | 59  | 5117   | 23.023 | ug/l # | 72     |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 22141  | 5.776  | ug/l   | 91     |
| 13) Acrolein                  | 3.93 | 56  | 7570   | 22.879 | ug/l   | 92     |
| 14) Allyl chloride            | 4.71 | 41  | 33988  | 5.460  | ug/l   | 95     |
| 15) Acrylonitrile             | 5.44 | 53  | 22708  | 26.443 | ug/l   | 98     |
| 16) Acetone                   | 4.17 | 43  | 22948  | 25.240 | ug/l   | 95     |
| 17) Carbon Disulfide          | 4.40 | 76  | 71305  | 5.548  | ug/l   | 96     |
| 18) Methyl Acetate            | 4.73 | 43  | 16194  | 7.919  | ug/l   | 93     |
| 19) Methyl tert-butyl Ether   | 5.49 | 73  | 38746  | 4.847  | ug/l   | 96     |
| 20) Methylene Chloride        | 4.97 | 84  | 45822  | 9.928  | ug/l   | 89     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 25055  | 5.750  | ug/l   | 90     |
| 22) Diisopropyl ether         | 6.37 | 45  | 56932  | 4.744  | ug/l   | 99     |
| 23) Vinyl Acetate             | 6.31 | 43  | 121683 | 18.393 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 41691  | 5.601  | ug/l   | 98     |
| 25) 2-Butanone                | 7.22 | 43  | 26482  | 23.021 | ug/l   | 96     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 36641  | 5.674  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 25183  | 5.456  | ug/l   | 96     |
| 28) Bromochloromethane        | 7.55 | 49  | 16794  | 6.082  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.58 | 42  | 16206  | 24.044 | ug/l   | 96     |
| 30) Chloroform                | 7.71 | 83  | 43750  | 5.834  | ug/l   | 97     |
| 31) Cyclohexane               | 7.98 | 56  | 41923  | 5.732  | ug/l # | 68     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97  | 38819  | 5.786  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 32766  | 5.318  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.30 | 43  | 13639  | 5.295  | ug/l # | 93     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 36063  | 5.750  | ug/l   | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\  
 Data File : VD065390.D  
 Acq On : 03 Mar 2020 13:11  
 Operator : VA/SY  
 Sample : L1161-02 5PPBL00  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Mar 04 06:01:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D021820S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 04 05:56:59 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 34624    | 4.780  | ug/l   | 91       |
| 40) Benzene                    | 8.35  | 78   | 96587    | 5.554  | ug/l   | 91       |
| 41) Methacrylonitrile          | 7.54  | 41   | 7753     | 5.213  | ug/l # | 87       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 25757    | 5.387  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 22358    | 4.773  | ug/l   | 94       |
| 44) Trichloroethene            | 9.11  | 130  | 26919    | 5.584  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 24365    | 5.634  | ug/l   | 95       |
| 46) Dibromomethane             | 9.48  | 93   | 12893    | 5.795  | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.67  | 83   | 32944    | 5.618  | ug/l   | 94       |
| 48) Methyl methacrylate        | 9.46  | 41   | 8507     | 3.929  | ug/l # | 73       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 2070     | 79.325 | ug/l # | 72       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 53751    | 22.594 | ug/l   | 97       |
| 52) Toluene                    | 10.41 | 92   | 61478    | 5.711  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 27861    | 5.126  | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene    | 10.10 | 75   | 33943    | 5.172  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane      | 10.81 | 97   | 17239    | 5.505  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 16340    | 4.521  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 28952    | 5.432  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 35959    | 31.555 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.99 | 43   | 37153    | 21.817 | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.14 | 129  | 22113    | 5.517  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 15961    | 5.383  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 25844    | 6.335  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.67 | 112  | 65598    | 5.683  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 23629    | 5.485  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.75 | 91   | 98303    | 4.862  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.86 | 106  | 77704    | 10.046 | ug/l   | 97       |
| 69) o-Xylene                   | 12.18 | 106  | 32117    | 4.687  | ug/l   | 95       |
| 70) Styrene                    | 12.20 | 104  | 57205    | 4.702  | ug/l   | 99       |
| 71) Bromoform                  | 12.37 | 173  | 13609    | 5.693  | ug/l # | 94       |
| 73) Isopropylbenzene           | 12.48 | 105  | 89211    | 4.693  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 18429    | 4.363  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 19181    | 5.590  | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 23704    | 9.702  | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 25541    | 5.410  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.83 | 91   | 114895   | 5.029  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 67714    | 5.291  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 74959    | 4.787  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.54 | 75   | 4919     | 4.347  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 70257    | 5.171  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 62391    | 4.754  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.28 | 105  | 71966    | 4.592  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 88529    | 4.681  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.53 | 119  | 78951    | 4.565  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.53 | 146  | 49723    | 5.448  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 50378    | 5.593  | ug/l   | 95       |
| 89) n-Butylbenzene             | 13.86 | 91   | 75919    | 4.764  | ug/l   | 97       |
| 90) Hexachloroethane           | 14.12 | 117  | 19063    | 5.429  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 42106    | 5.373  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.52 | 75   | 2965     | 5.608  | ug/l   | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\  
Data File : VD065390.D  
Acq On : 03 Mar 2020 13:11  
Operator : VA/SY  
Sample : L1161-02 5PPBL00  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

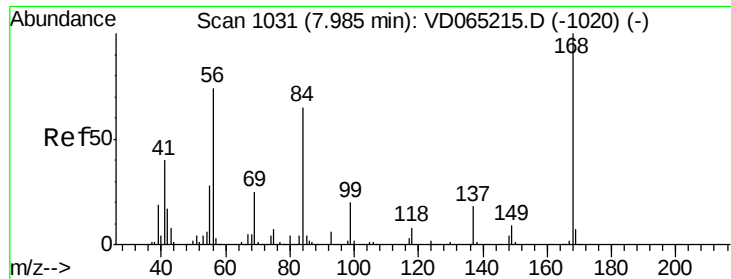
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Mar 04 06:01:16 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D021820S.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 04 05:56:59 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 26576    | 5.185 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 18714    | 5.691 | ug/l  | 94       |
| 95) Naphthalene            | 15.41 | 128  | 34854    | 4.183 | ug/l  | 96       |
| 96) 1,2,3-Trichlorobenzene | 15.61 | 180  | 22647    | 5.059 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

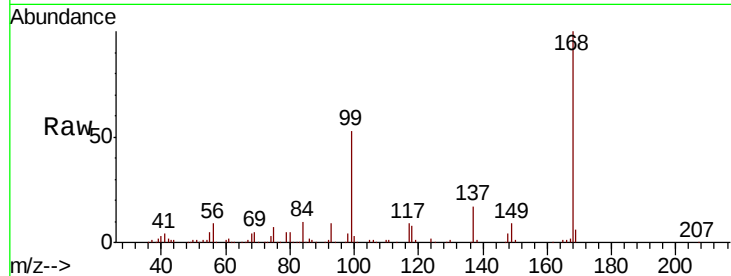
ClientSampled :

Tot Ion:168 Resp: 413449

Ion Ratio Lower Upper

168 100

99 52.7 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

100000

50000

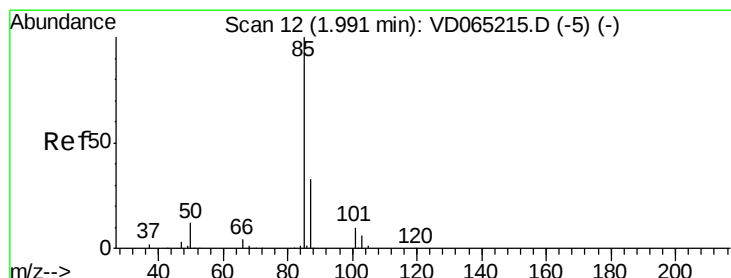
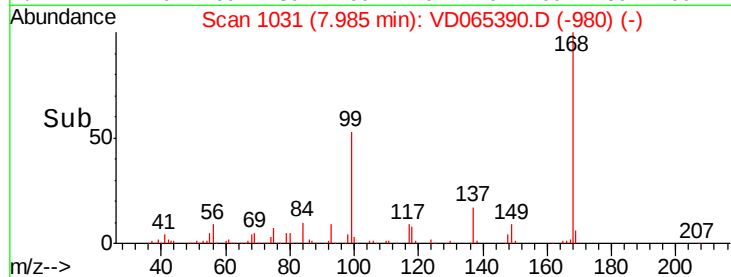
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 6.259 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065390.D

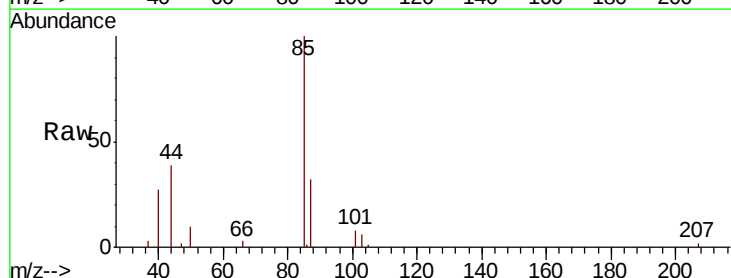
Acq: 03 Mar 2020 13:11

Tgt Ion: 85 Resp: 21705

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

20000

15000

10000

5000

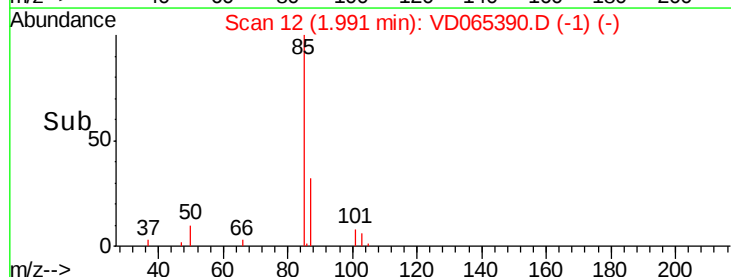
0

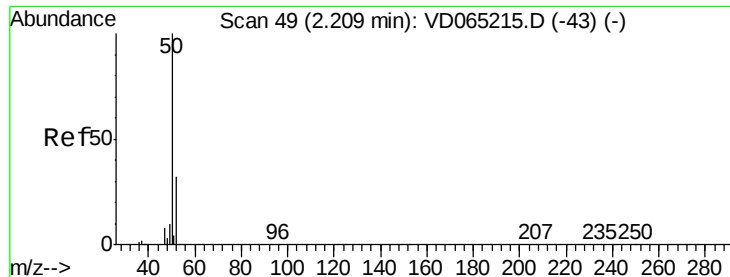
1.95

2.00

2.05

Time-->

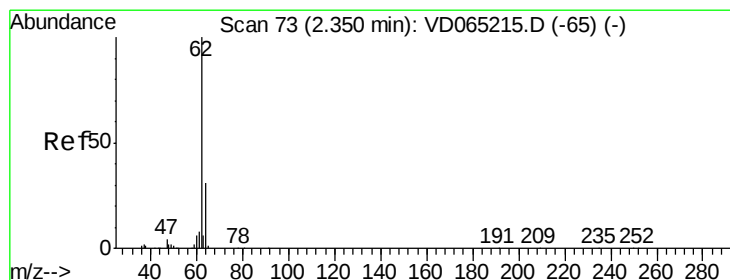
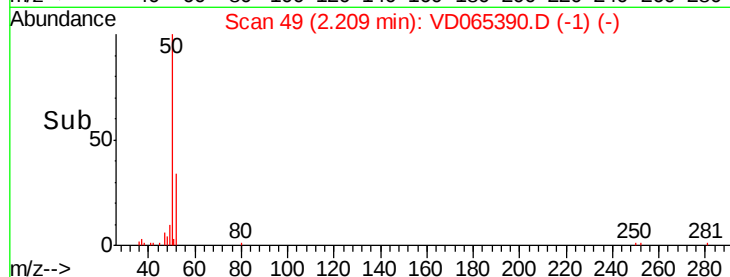
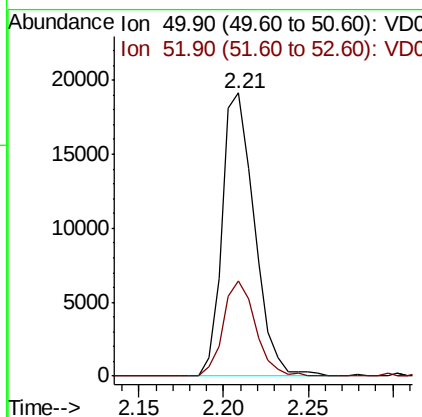
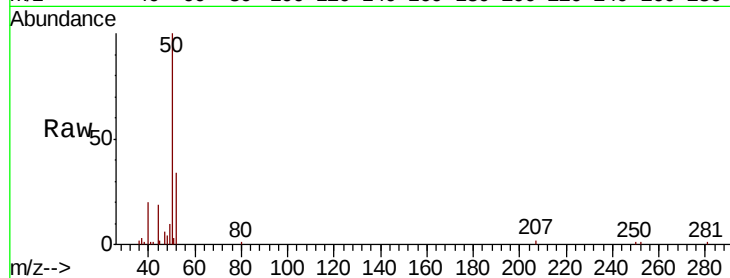




#3  
Chloromethane  
Concen: 5.764 ug/l  
RT: 2.21 min Scan# 49  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

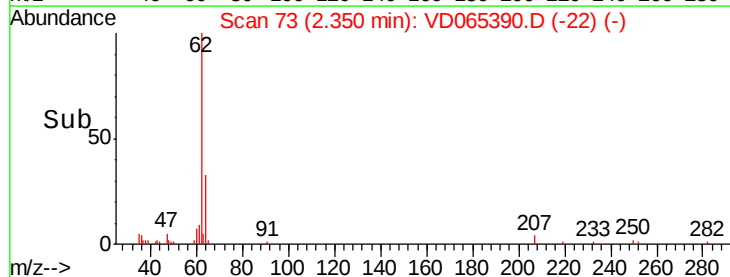
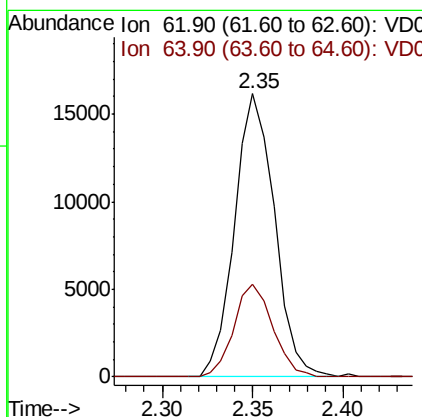
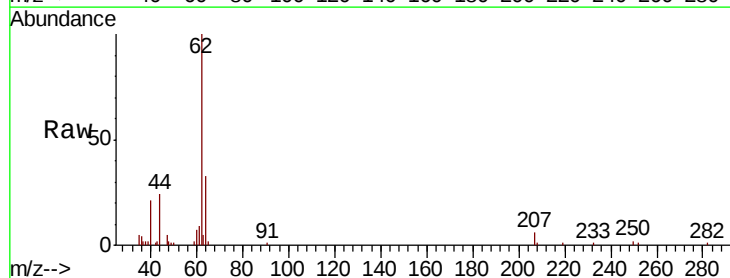
Instrument :  
MSVOA\_D  
ClientSampleId :

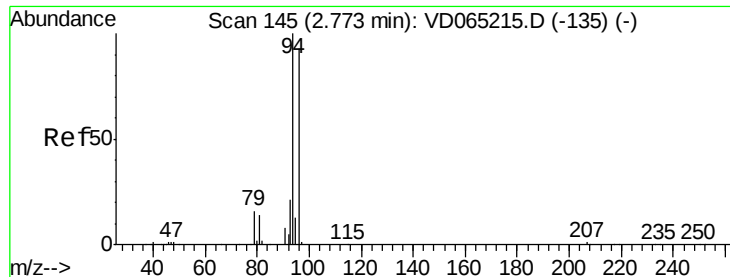
Tot Ion: 50 Resp: 25443  
Ion Ratio Lower Upper  
50 100  
52 33.7 25.5 38.3



#4  
Vinyl Chloride  
Concen: 5.521 ug/l  
RT: 2.35 min Scan# 73  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion: 62 Resp: 24781  
Ion Ratio Lower Upper  
62 100  
64 32.7 25.0 37.6





#5

Bromomethane

Concen: 6.341 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

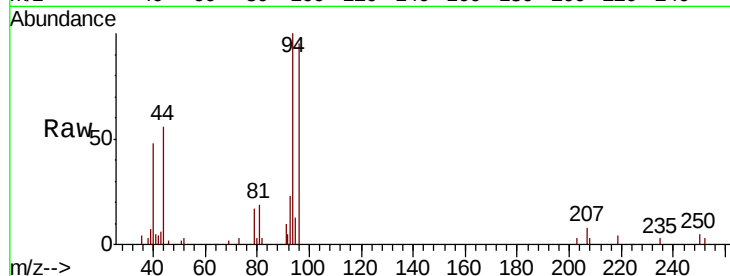
ClientSampleId :

Tot Ion: 94 Resp: 17209

Ion Ratio Lower Upper

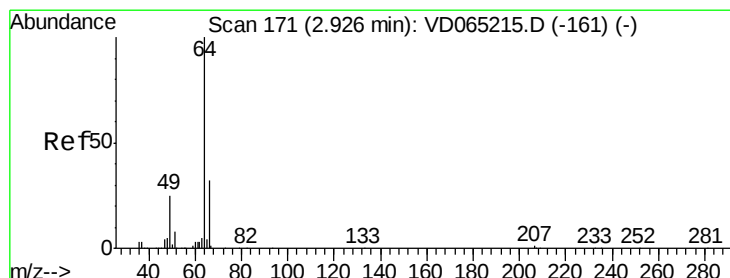
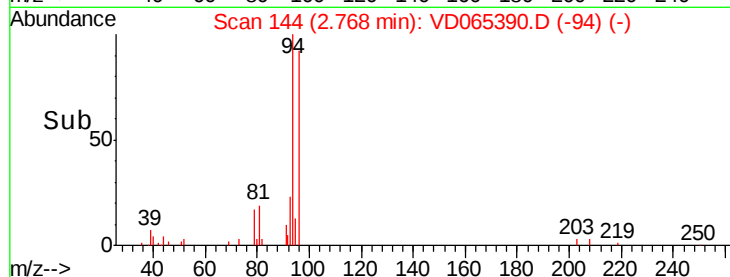
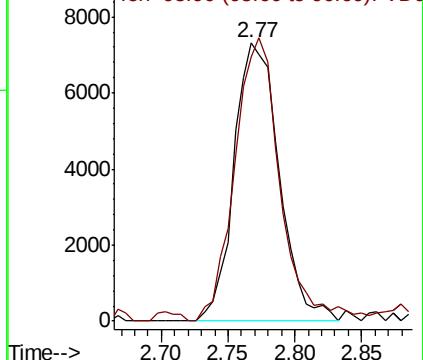
94 100

96 94.7 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 5.650 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065390.D

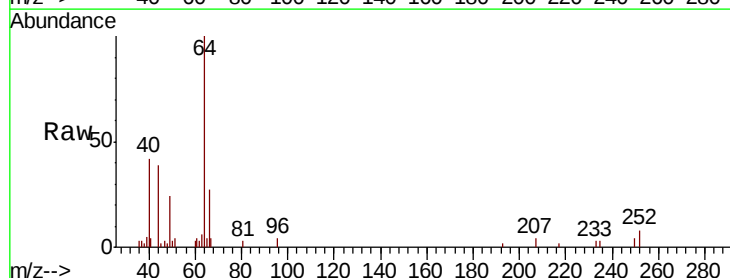
Acq: 03 Mar 2020 13:11

Tgt Ion: 64 Resp: 15478

Ion Ratio Lower Upper

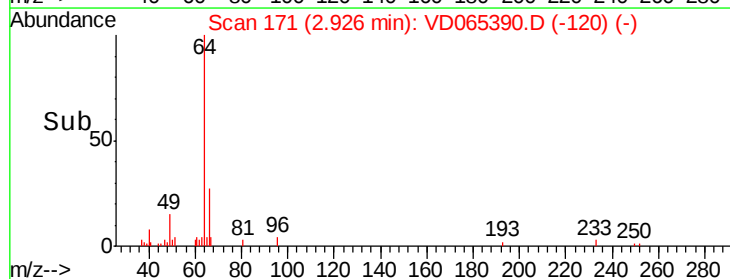
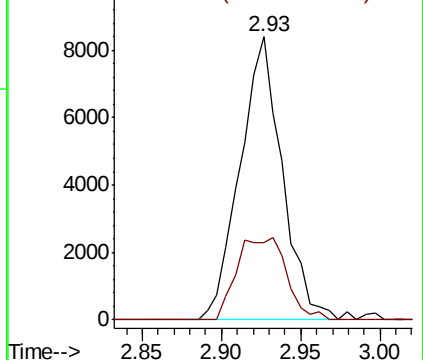
64 100

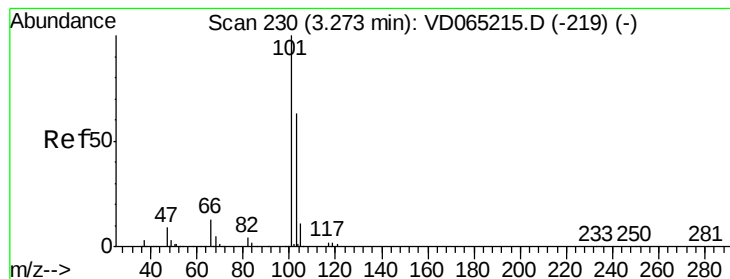
66 27.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



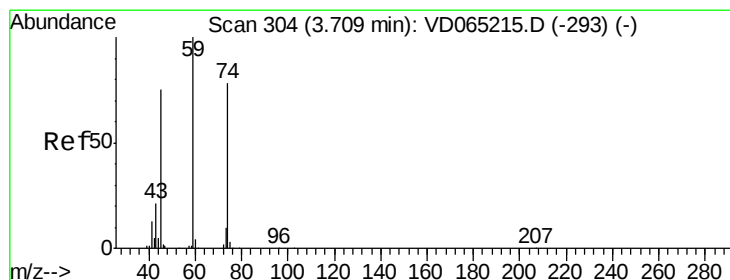
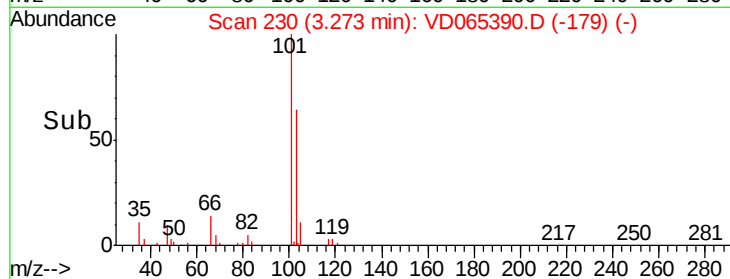
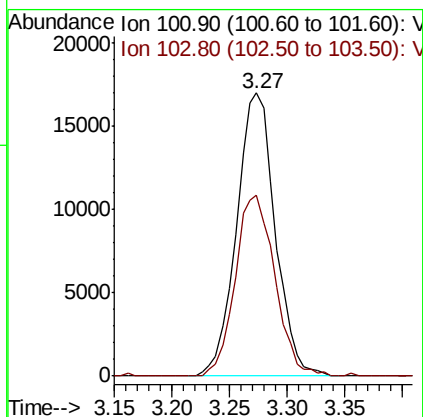
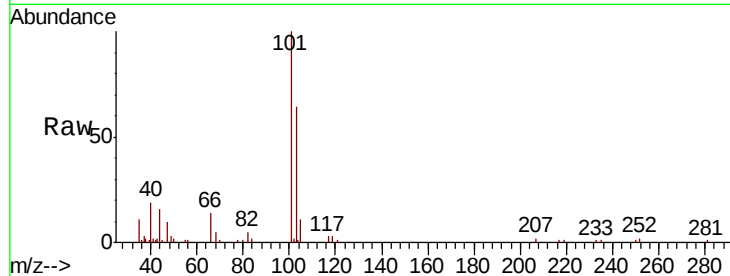


#7

Trichlorofluoromethane  
 Concen: 6.136 ug/l  
 RT: 3.27 min Scan# 230  
 Delta R.T. 0.00 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :

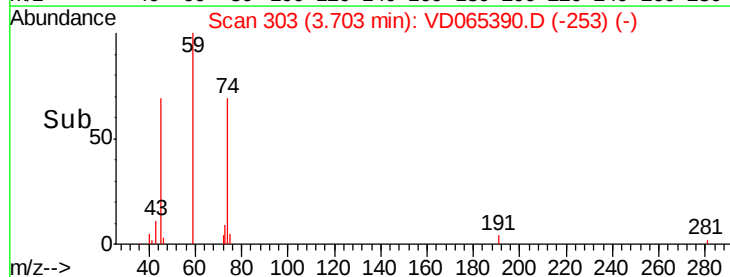
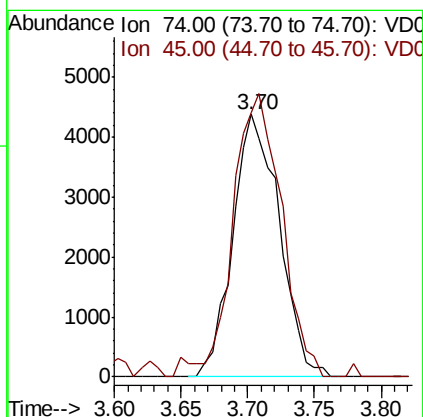
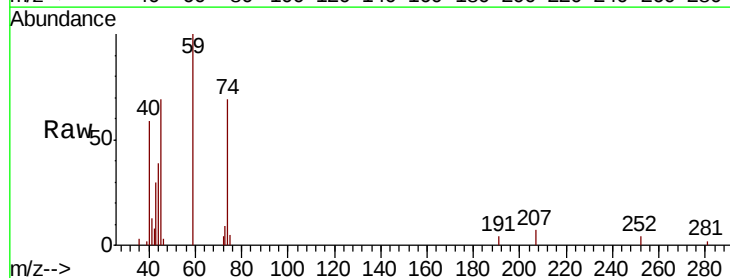
Tot Ion:101 Resp: 39426  
 Ion Ratio Lower Upper  
 101 100  
 103 64.1 50.7 76.1



#8

Diethyl Ether  
 Concen: 5.452 ug/l  
 RT: 3.70 min Scan# 303  
 Delta R.T. -0.01 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

Tgt Ion: 74 Resp: 10575  
 Ion Ratio Lower Upper  
 74 100  
 45 113.3 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.989 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

ClientSampleId :

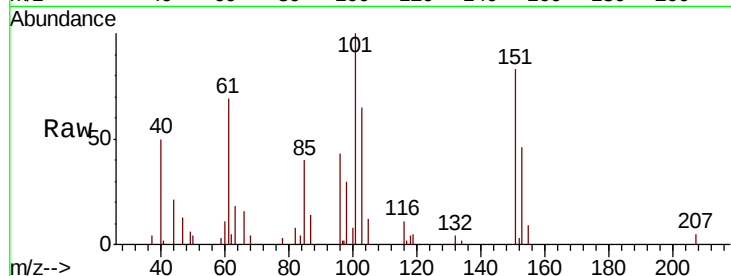
Tot Ion:101 Resp: 24301

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.2

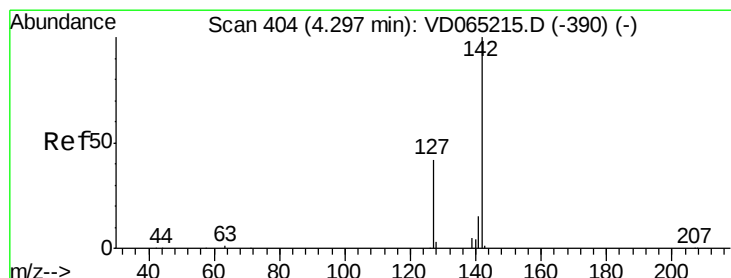
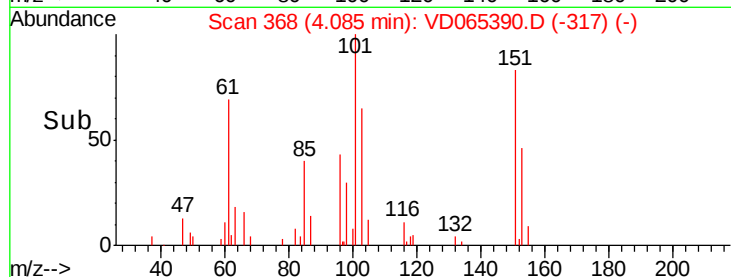
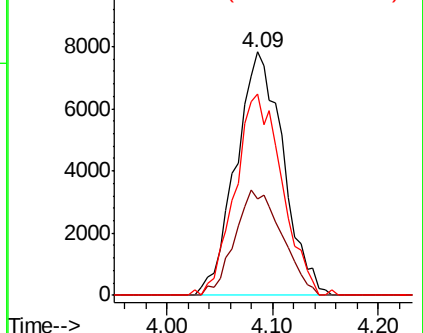
151 81.8 63.5 95.3



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: 4.947 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

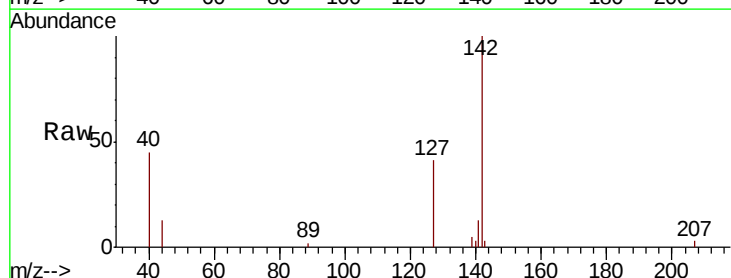
Tgt Ion:142 Resp: 20845

Ion Ratio Lower Upper

142 100

127 43.8 33.8 50.8

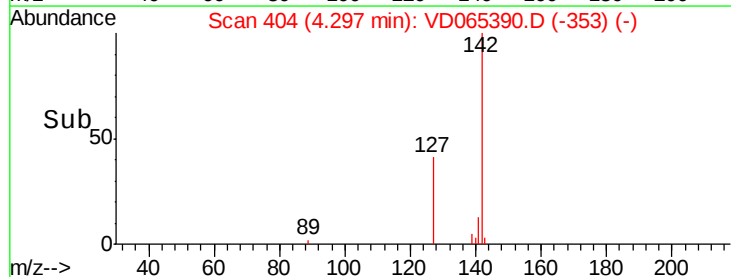
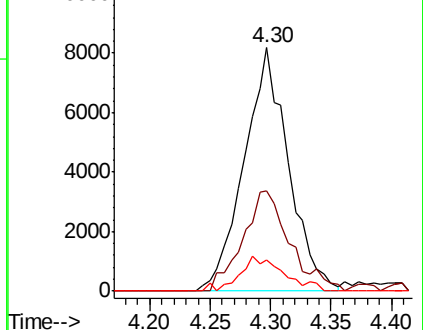
141 13.5 11.7 17.5

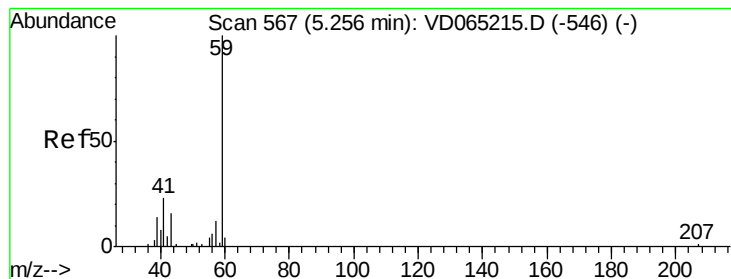


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 23.023 ug/l

RT: 5.26 min Scan# 567

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

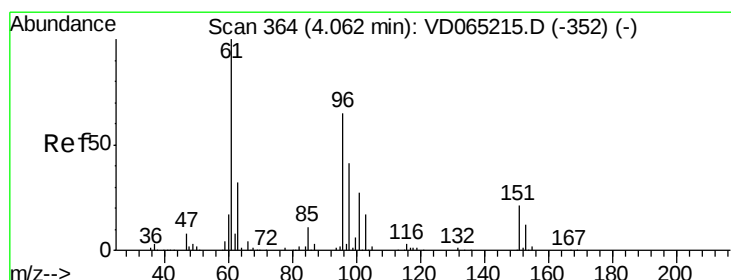
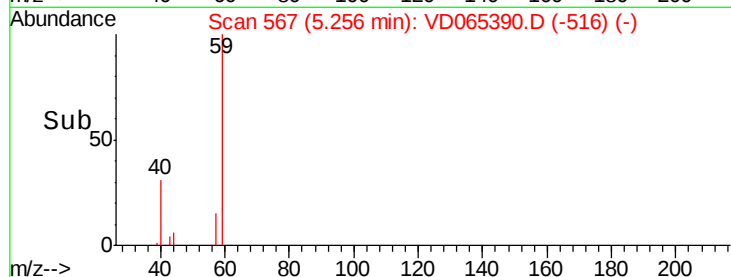
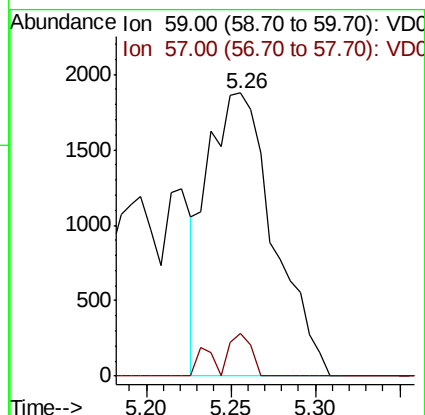
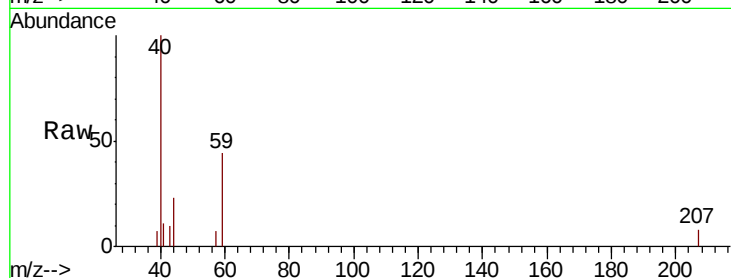
ClientSampleId :

Tot Ion: 59 Resp: 5117

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



#12

1,1-Dichloroethene

Concen: 5.776 ug/l

RT: 4.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

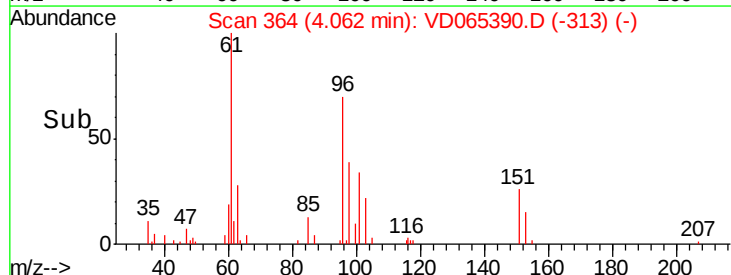
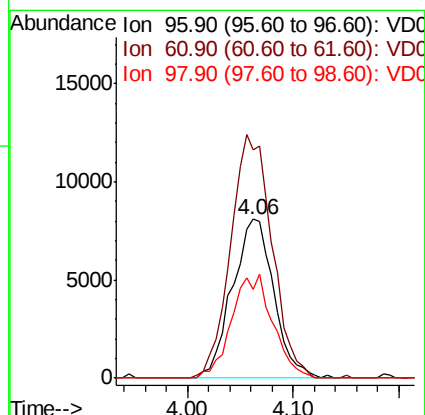
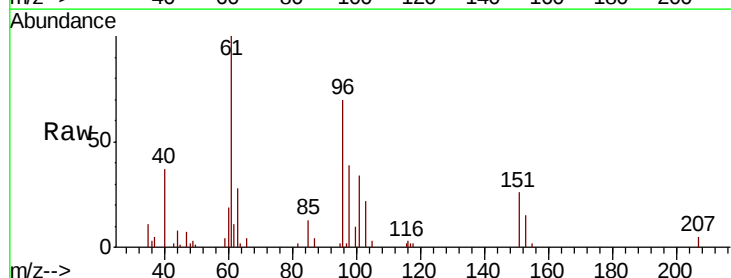
Tgt Ion: 96 Resp: 22141

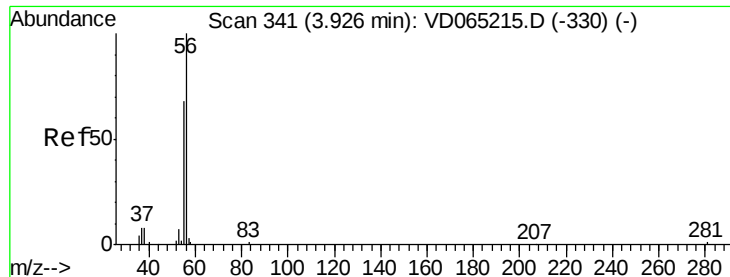
Ion Ratio Lower Upper

96 100

61 143.7 123.3 184.9

98 56.0 51.0 76.4





#13

Acrolein

Concen: 22.879 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

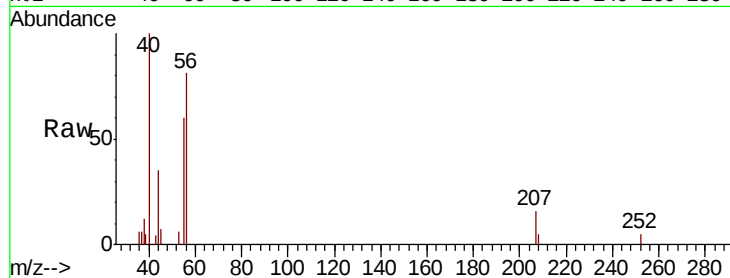
ClientSampleId :

Tot Ion: 56 Resp: 7570

Ion Ratio Lower Upper

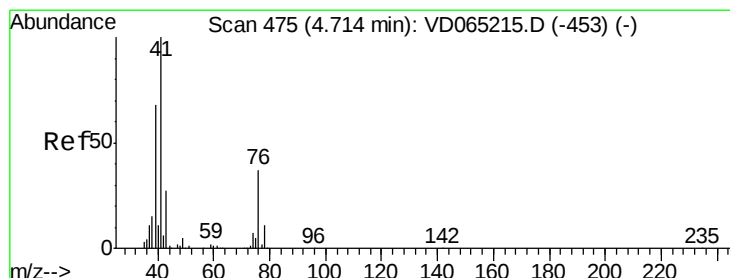
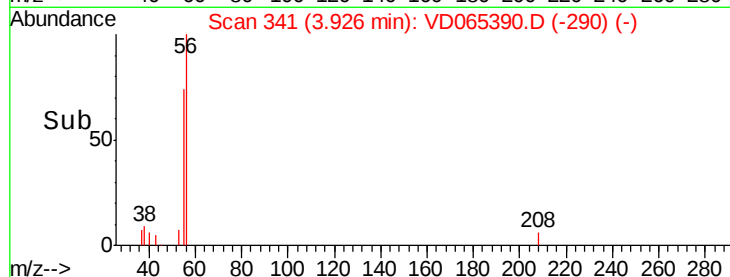
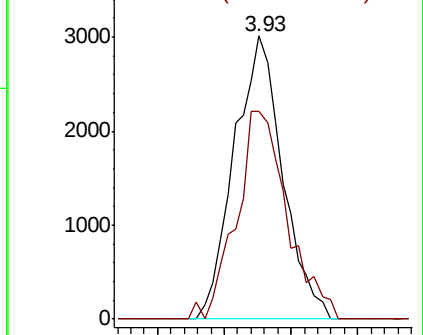
56 100

55 77.3 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 5.460 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

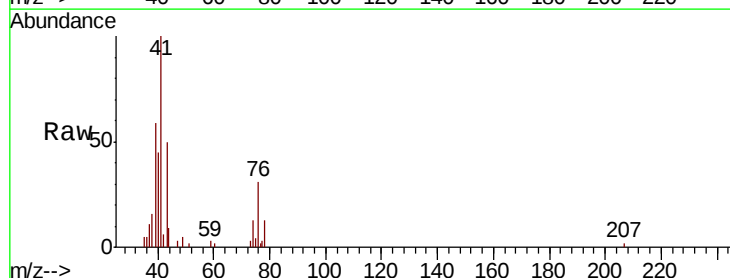
Tgt Ion: 41 Resp: 33988

Ion Ratio Lower Upper

41 100

39 61.0 53.8 80.6

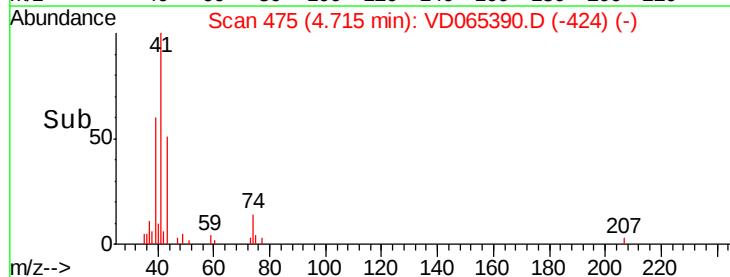
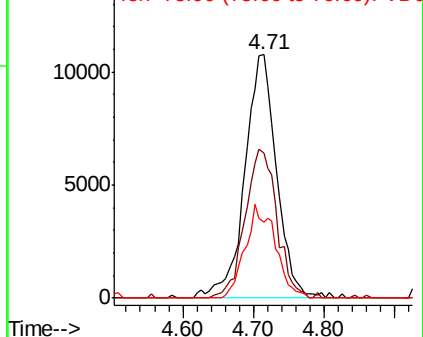
76 36.2 28.7 43.1

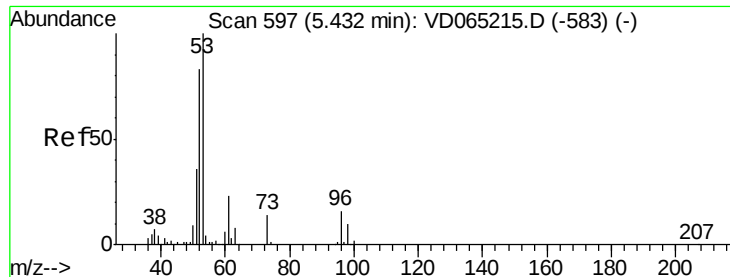


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 26.443 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

ClientSampleId :

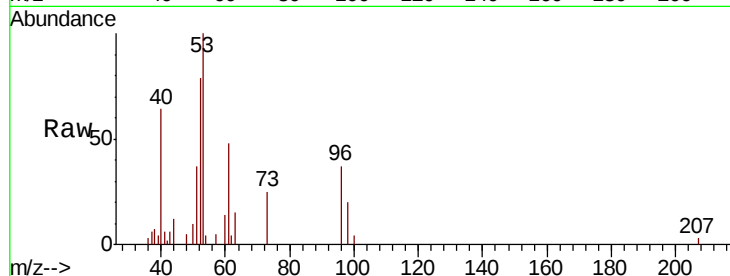
Tot Ion: 53 Resp: 22708

Ion Ratio Lower Upper

53 100

52 79.2 65.4 98.2

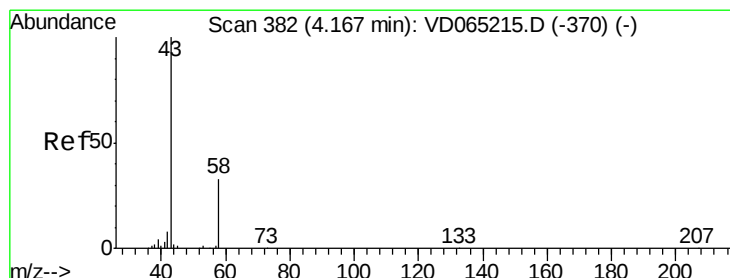
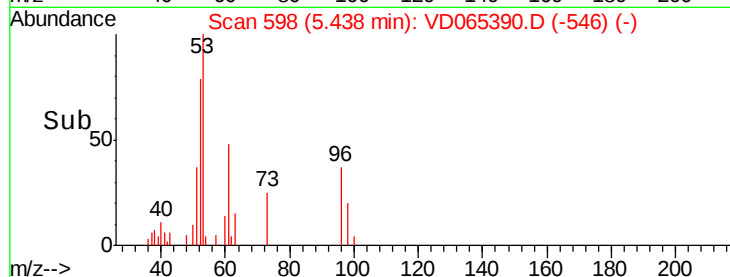
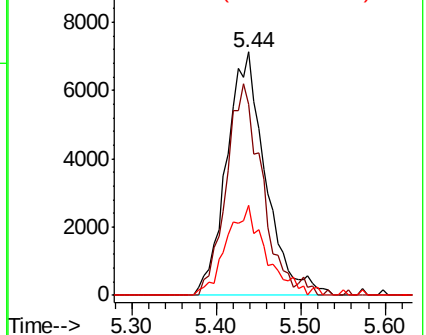
51 37.1 29.5 44.3



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: 25.240 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065390.D

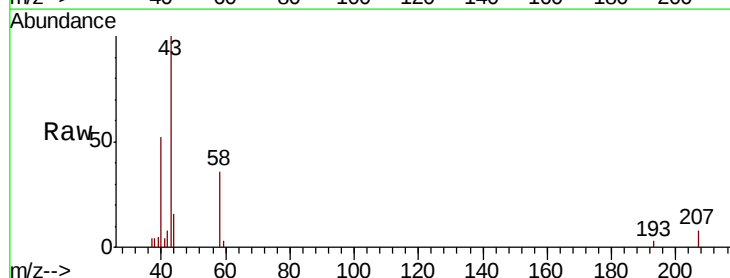
Acq: 03 Mar 2020 13:11

Tgt Ion: 43 Resp: 22948

Ion Ratio Lower Upper

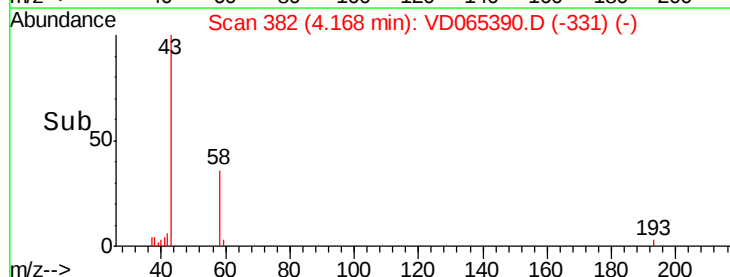
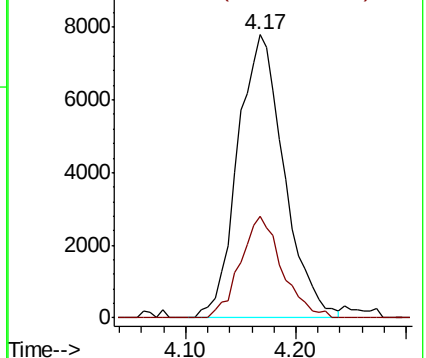
43 100

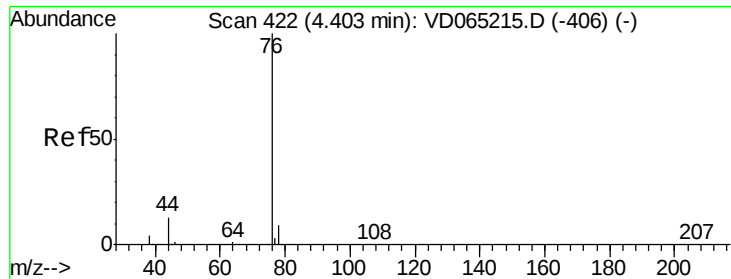
58 35.7 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

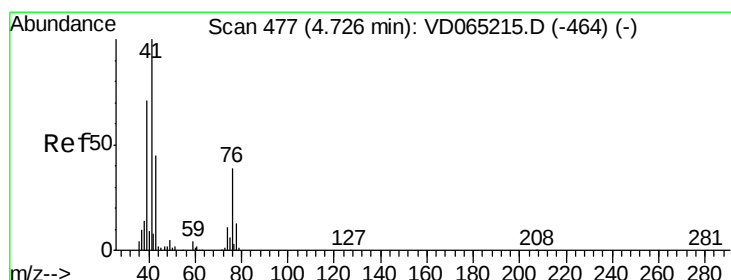
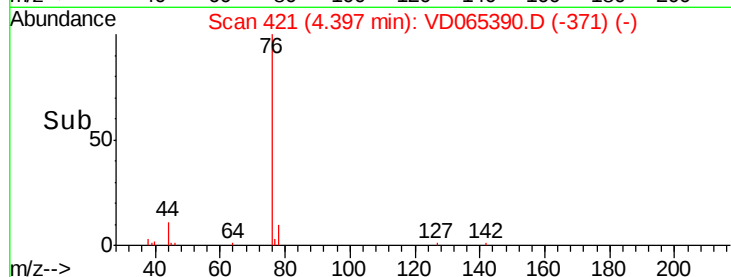
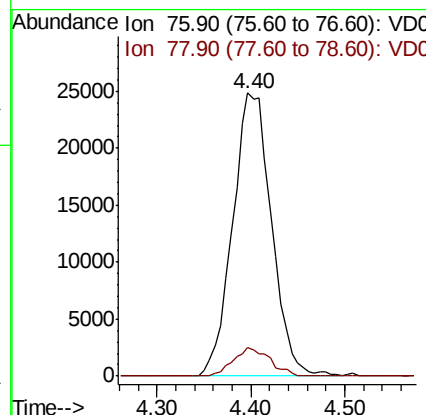
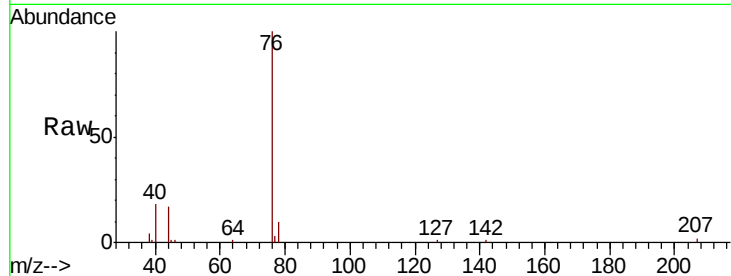




#17  
Carbon Disulfide  
Concen: 5.548 ug/l  
RT: 4.40 min Scan# 421  
Delta R.T. -0.01 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

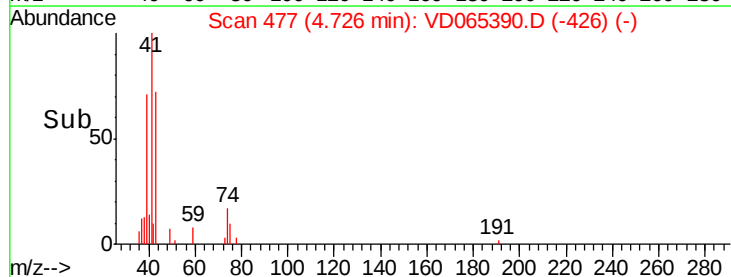
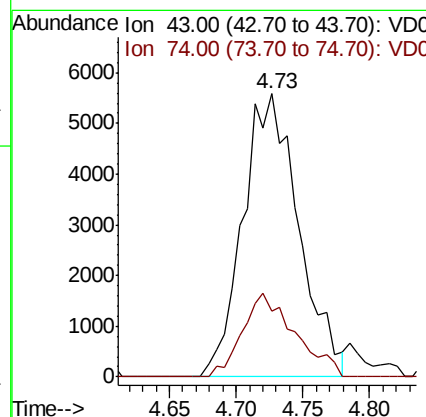
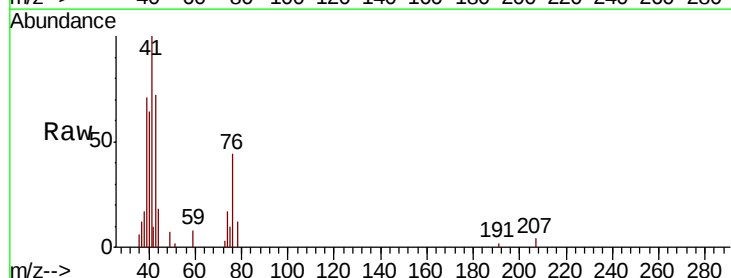
Instrument :  
MSVOA\_D  
ClientSampled :

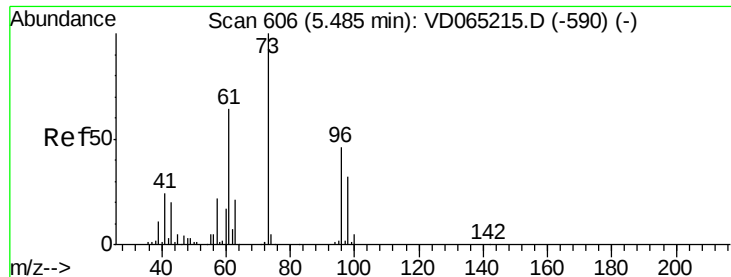
Tot Ion: 76 Resp: 71305  
Ion Ratio Lower Upper  
76 100  
78 10.3 7.0 10.6



#18  
Methyl Acetate  
Concen: 7.919 ug/l  
RT: 4.73 min Scan# 477  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion: 43 Resp: 16194  
Ion Ratio Lower Upper  
43 100  
74 27.7 19.4 29.2

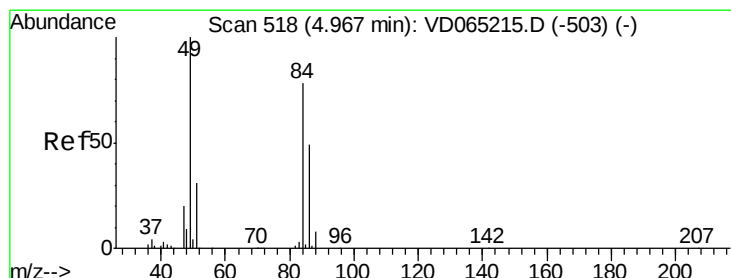
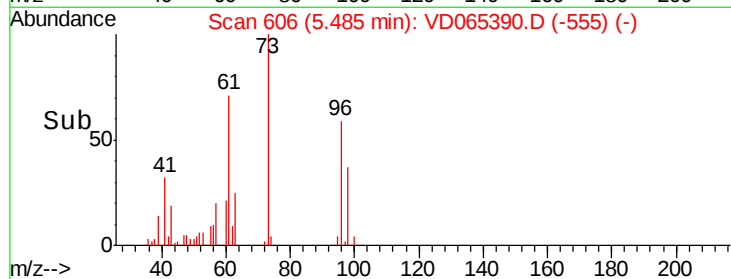
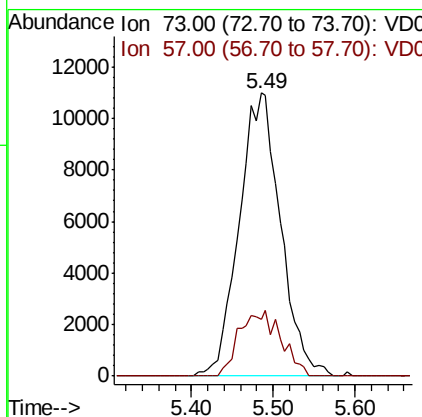
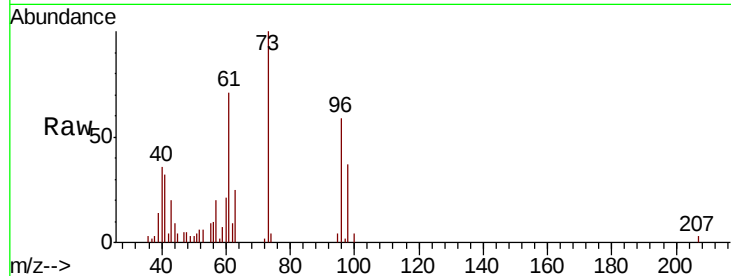




#19  
Methyl tert-butyl Ether  
Concen: 4.847 ug/l  
RT: 5.49 min Scan# 606  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

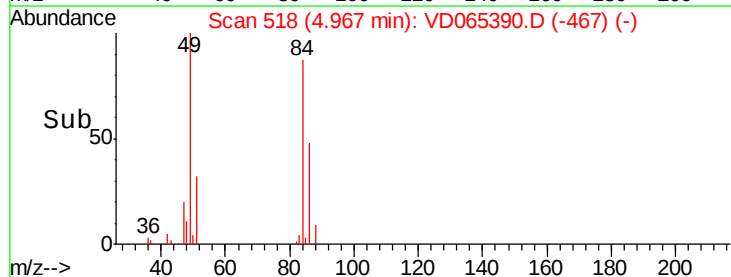
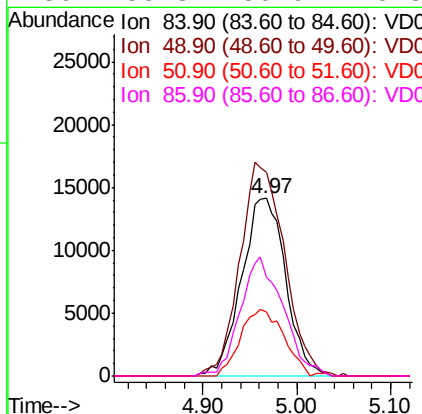
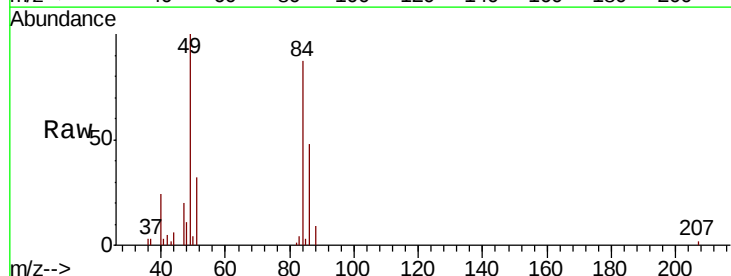
Instrument :  
MSVOA\_D  
ClientSampleId :

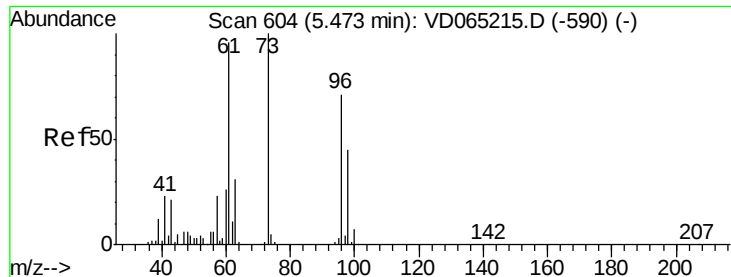
Tot Ion: 73 Resp: 38746  
Ion Ratio Lower Upper  
73 100  
57 19.9 17.3 25.9



#20  
Methylene Chloride  
Concen: 9.928 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion: 84 Resp: 45822  
Ion Ratio Lower Upper  
84 100  
49 114.4 103.1 154.7  
51 36.0 31.7 47.5  
86 55.3 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 5.750 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

ClientSampled :

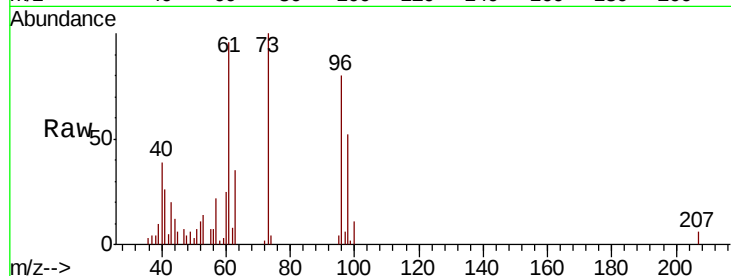
Tot Ion: 96 Resp: 25055

Ion Ratio Lower Upper

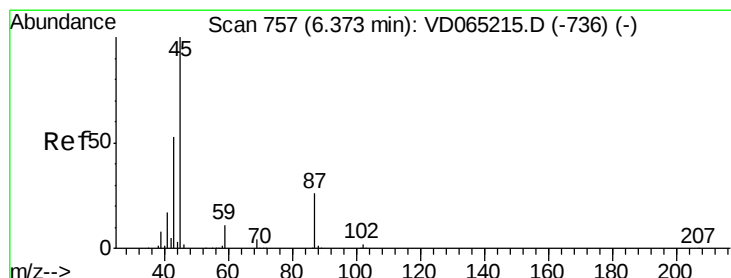
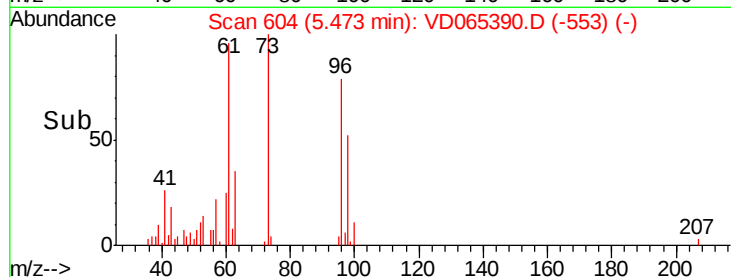
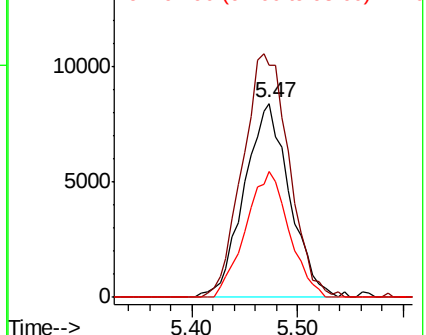
96 100

61 119.3 108.3 162.5

98 64.5 50.7 76.1



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: 4.744 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Tgt Ion: 45 Resp: 56932

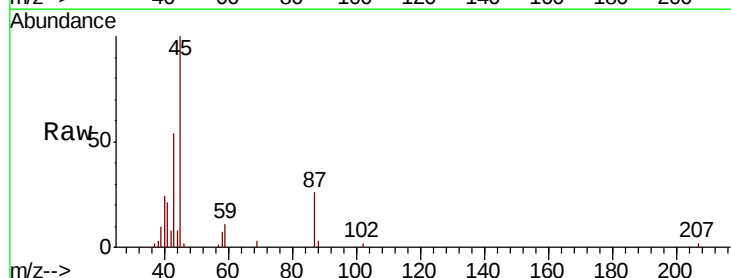
Ion Ratio Lower Upper

45 100

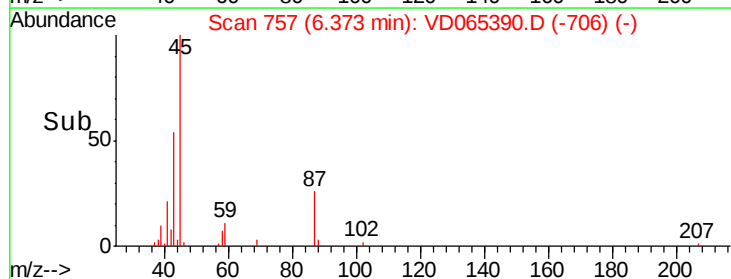
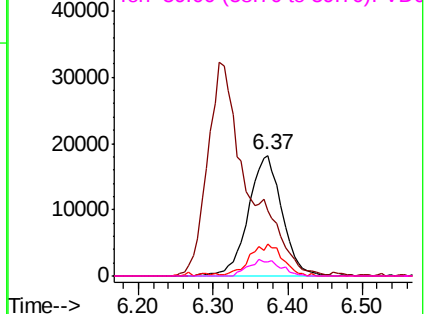
43 52.5 42.6 64.0

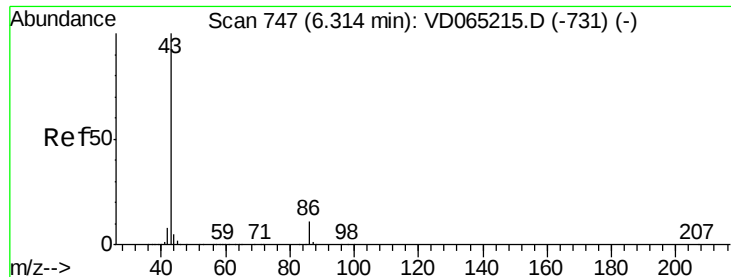
87 26.3 21.2 31.8

59 11.4 8.9 13.3



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: 18.393 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

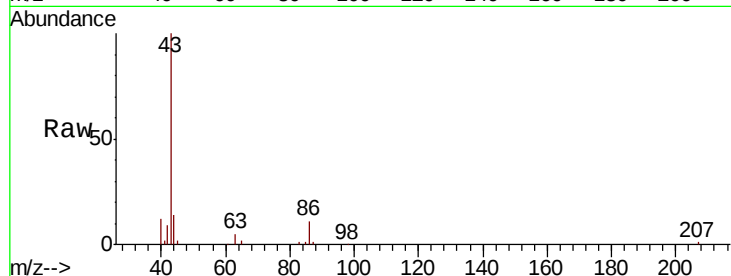
ClientSampleId :

Tot Ion: 43 Resp: 121683

Ion Ratio Lower Upper

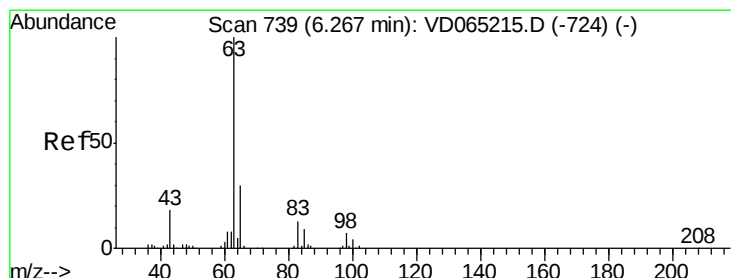
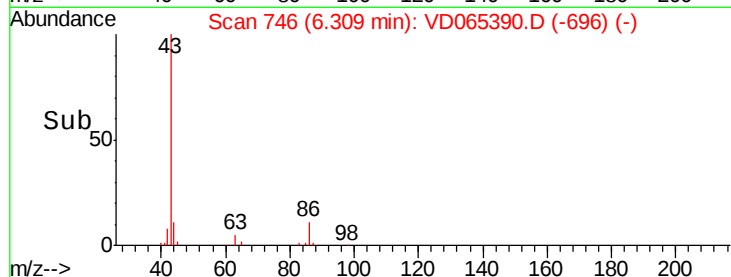
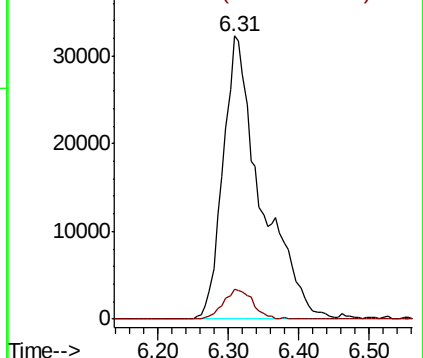
43 100

86 10.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 5.601 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

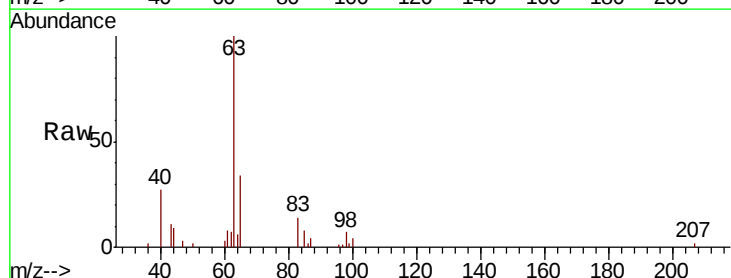
Tgt Ion: 63 Resp: 41691

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.1

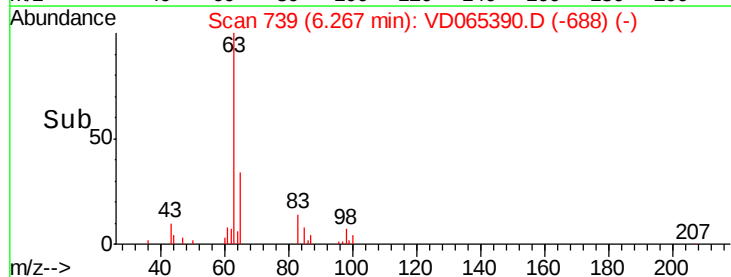
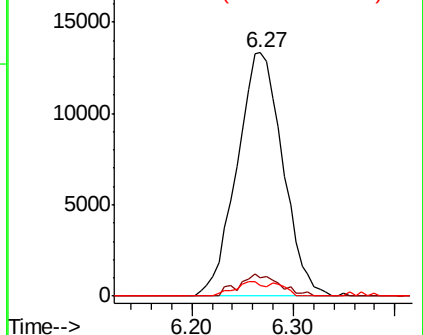
100 4.1 2.3 6.8



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

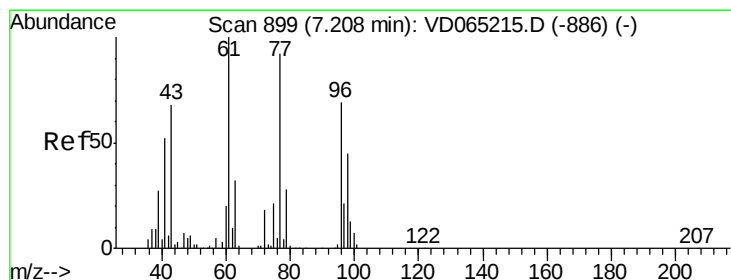
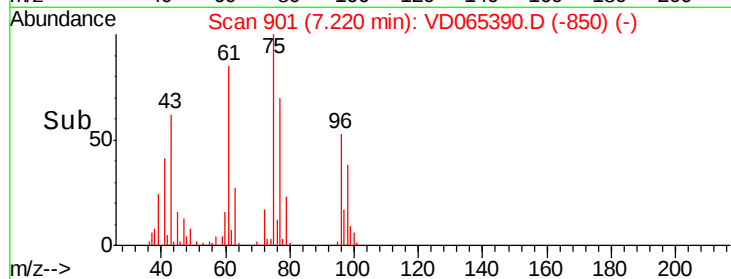
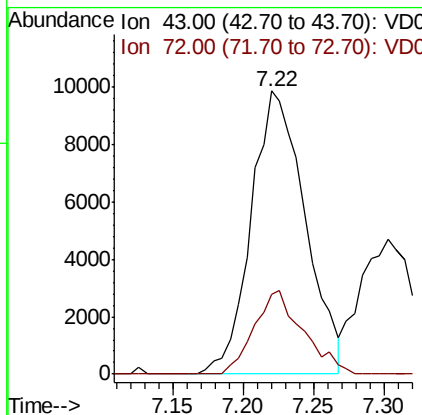
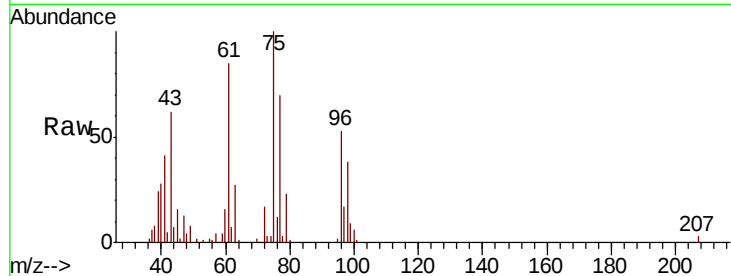




#25  
2-Butanone  
Concen: 23.021 ug/l  
RT: 7.22 min Scan# 901  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

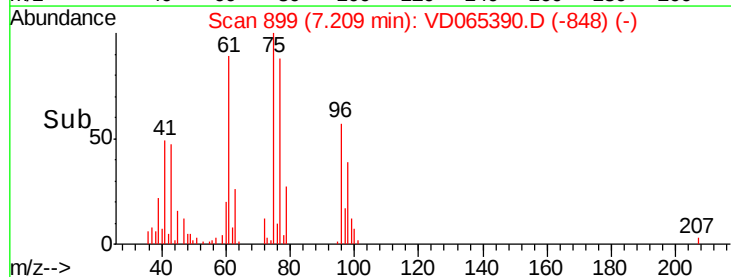
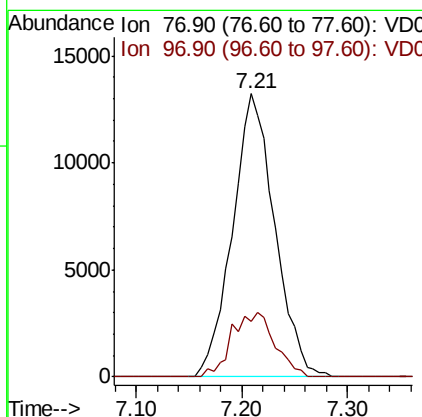
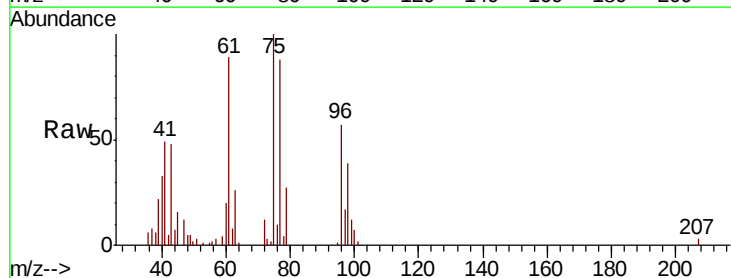
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 26482  
Ion Ratio Lower Upper  
43 100  
72 28.0 20.9 31.3



#26  
2,2-Dichloropropane  
Concen: 5.674 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion: 77 Resp: 36641  
Ion Ratio Lower Upper  
77 100  
97 23.1 11.7 35.1



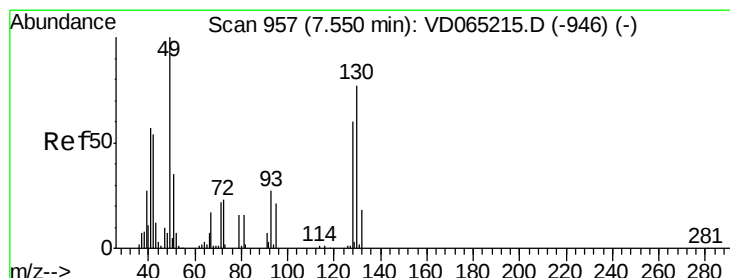
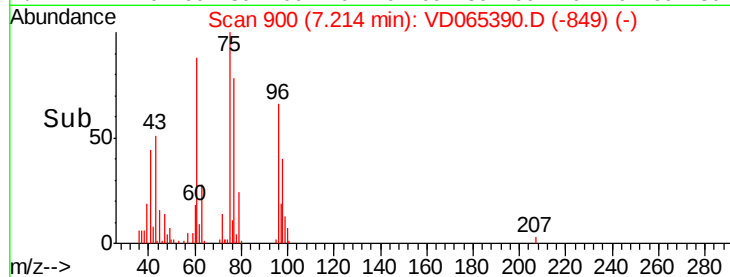
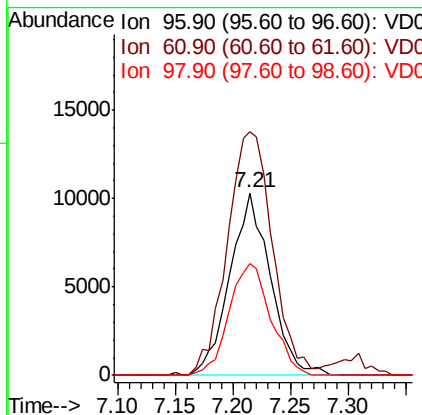
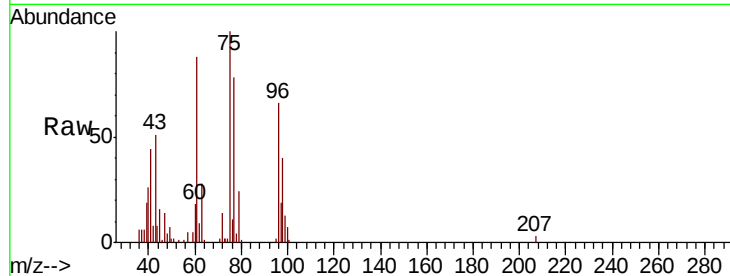


#27

cis-1,2-Dichloroethene  
 Concen: 5.456 ug/l  
 RT: 7.21 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :

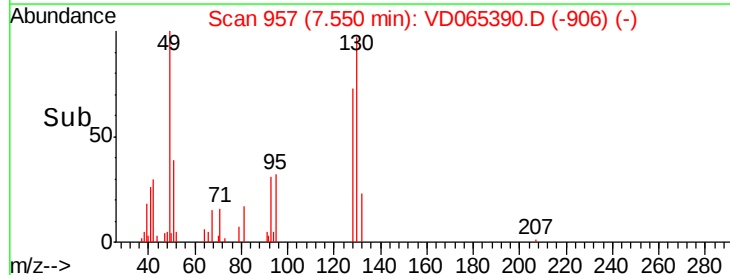
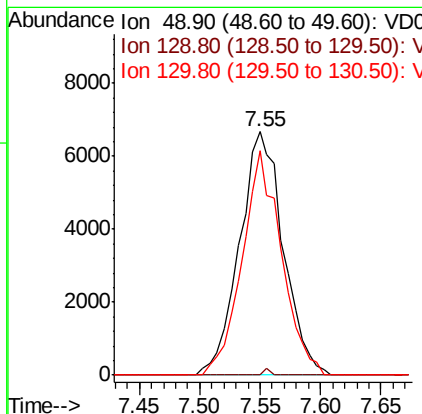
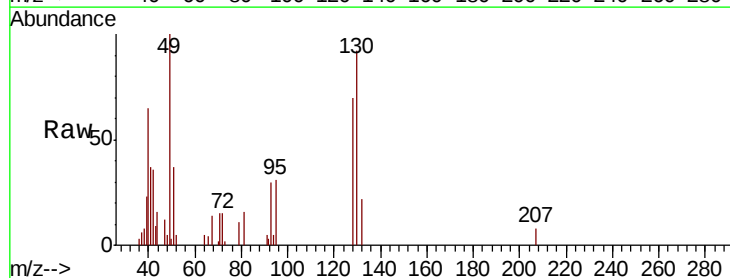
| Tot Ion | 96    | Resp  | 25183 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 148.9 | 0.0   | 286.0 |
| 98      | 62.9  | 0.0   | 127.8 |

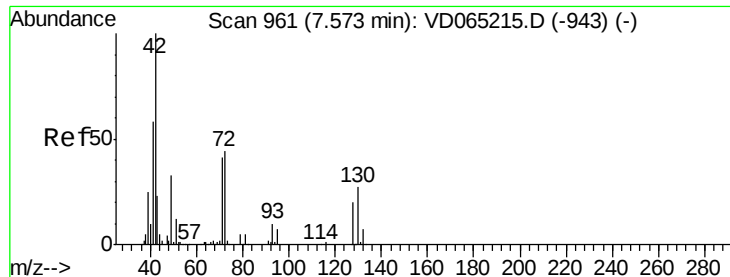


#28

Bromochloromethane  
 Concen: 6.082 ug/l  
 RT: 7.55 min Scan# 957  
 Delta R.T. 0.00 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

| Tgt Ion | 49    | Resp  | 16794 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 0.4   | 0.0   | 4.6   |
| 130     | 83.0  | 64.7  | 97.1  |

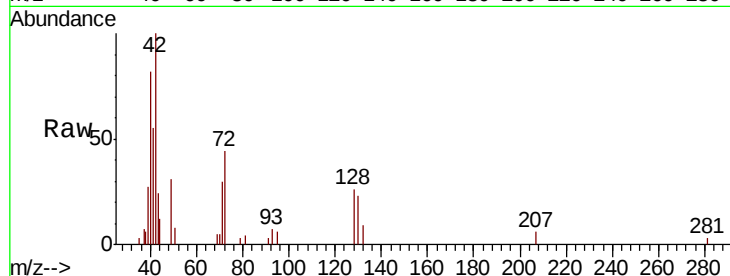




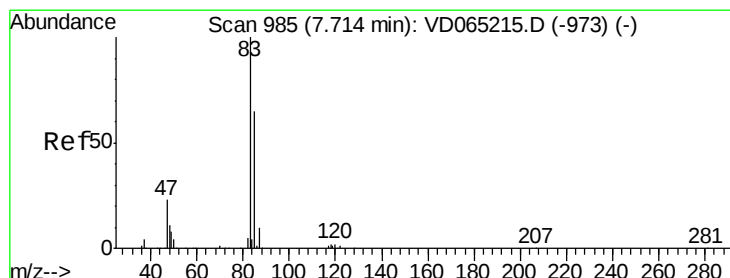
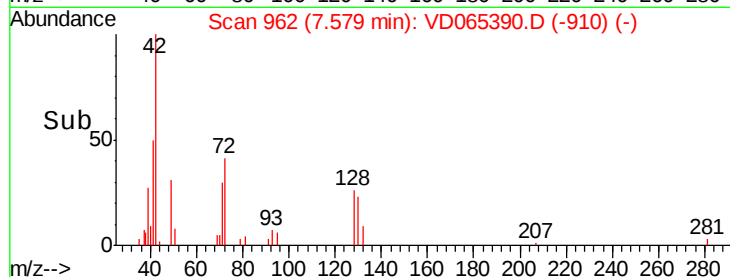
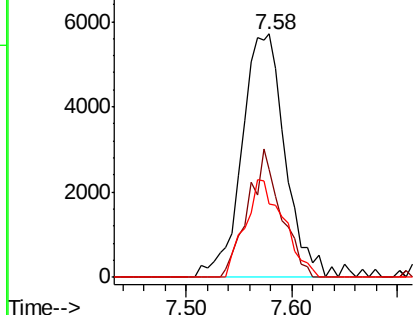
#29  
Tetrahydrofuran  
Concen: 24.044 ug/l  
RT: 7.58 min Scan# 962  
Delta R.T. 0.01 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 42 Resp: 16206  
Ion Ratio Lower Upper  
42 100  
72 40.4 33.7 50.5  
71 35.8 31.4 47.2

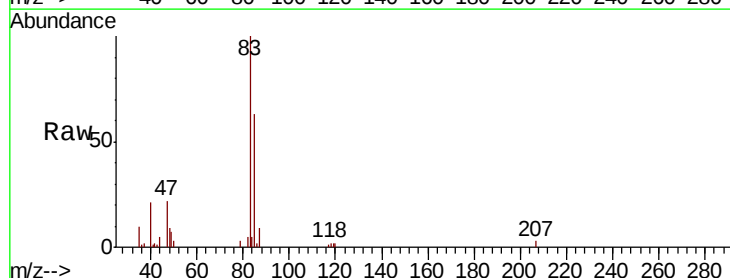


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

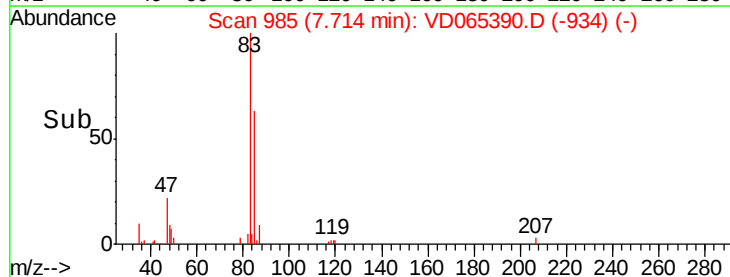
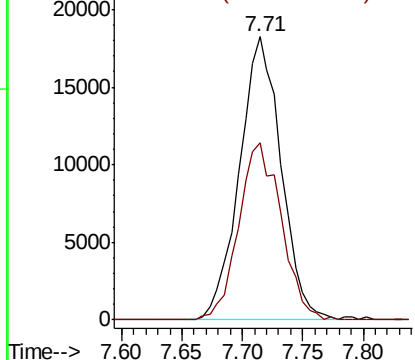


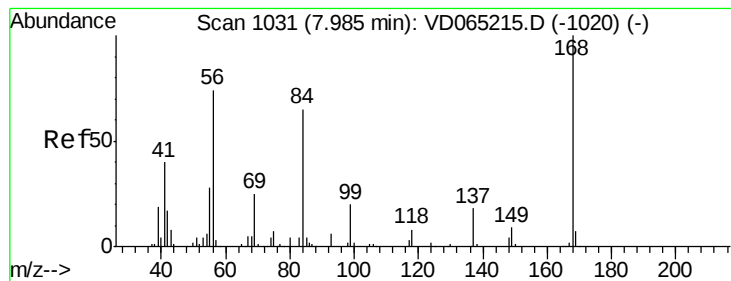
#30  
Chloroform  
Concen: 5.834 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion: 83 Resp: 43750  
Ion Ratio Lower Upper  
83 100  
85 62.7 52.3 78.5



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





#31

Cyclohexane

Concen: 5.732 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

ClientSampled :

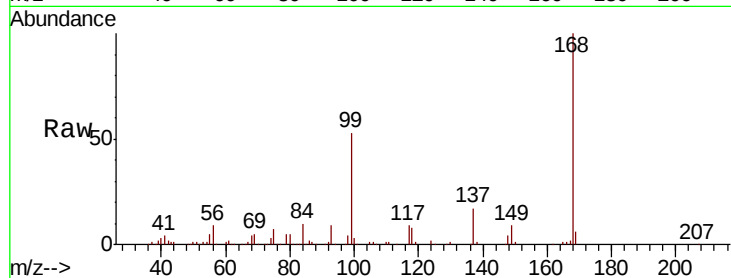
Tot Ion: 56 Resp: 41923

Ion Ratio Lower Upper

56 100

69 61.1 27.4 41.0#

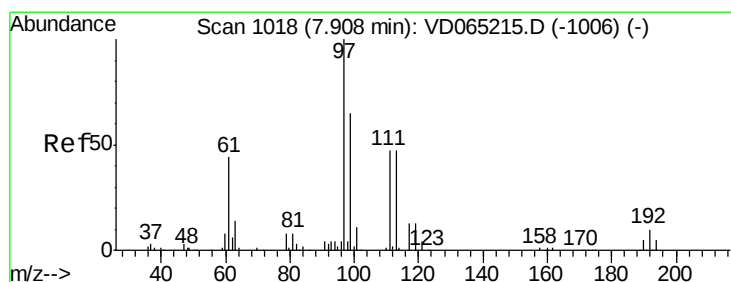
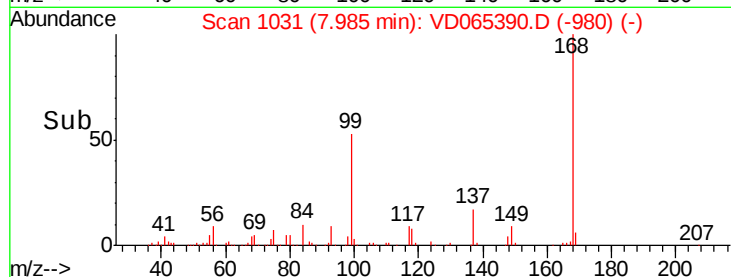
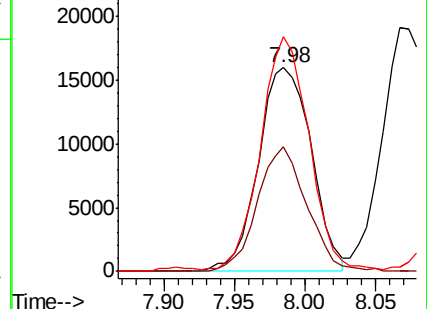
84 113.6 71.1 106.7#



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: 5.786 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

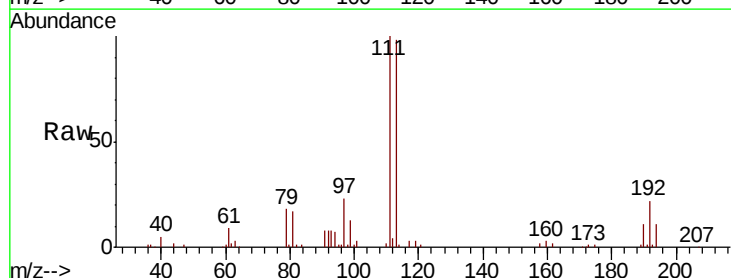
Tgt Ion: 97 Resp: 38819

Ion Ratio Lower Upper

97 100

99 62.9 51.4 77.2

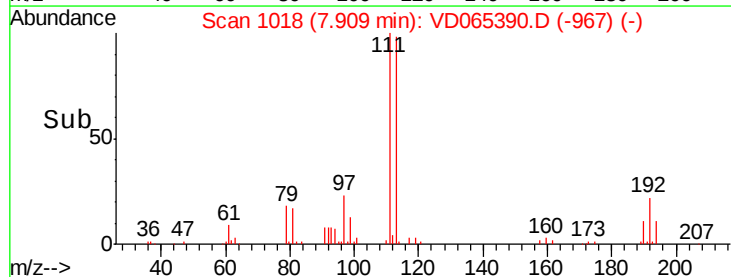
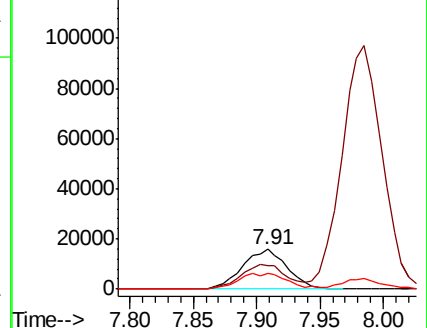
61 43.0 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 53.963 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

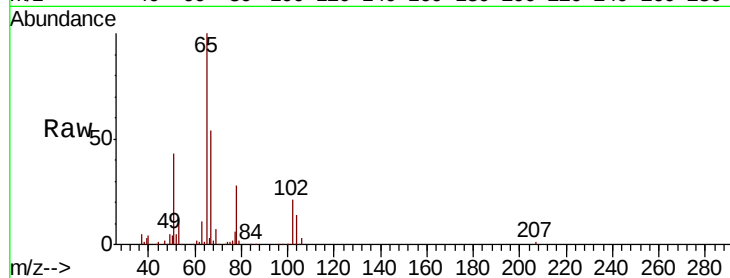
ClientSampled :

Tot Ion: 65 Resp: 200712

Ion Ratio Lower Upper

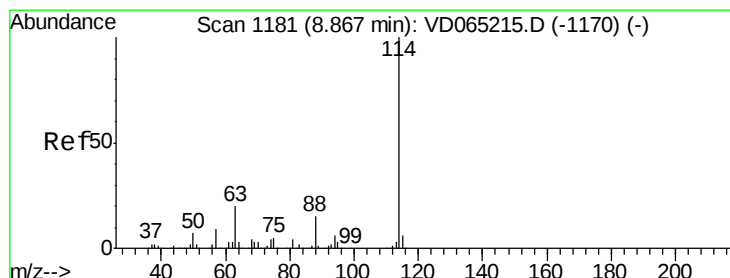
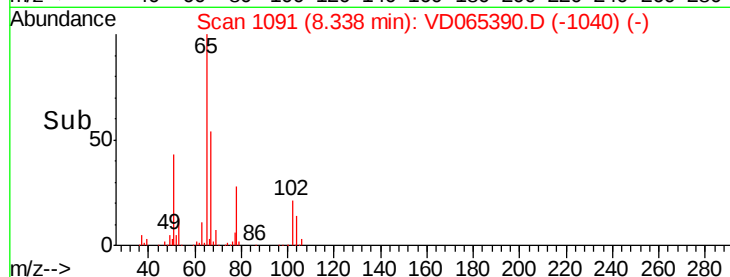
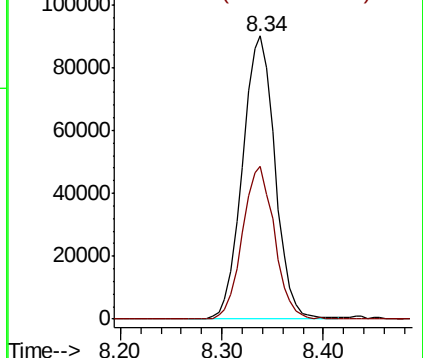
65 100

67 53.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

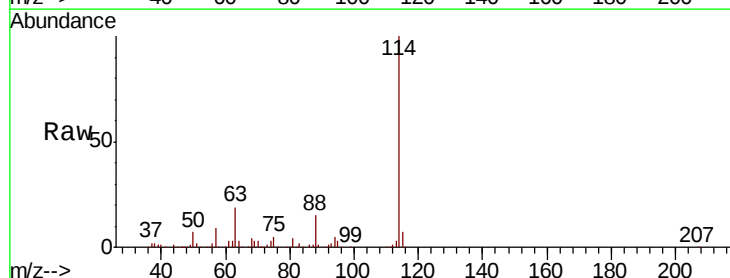
Tgt Ion: 114 Resp: 633215

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.4

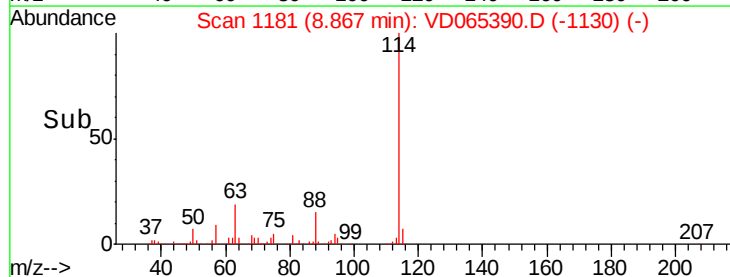
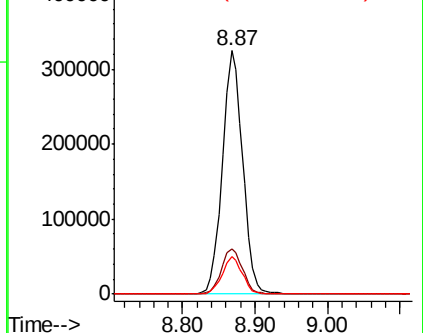
88 15.4 0.0 30.4

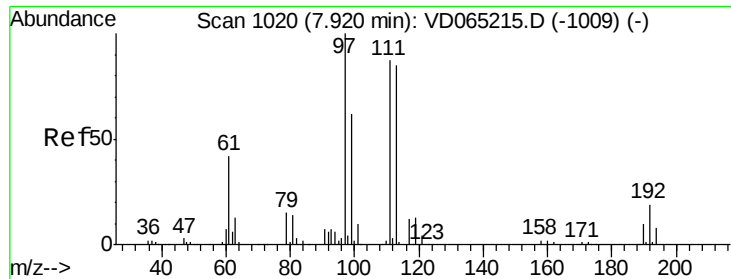


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

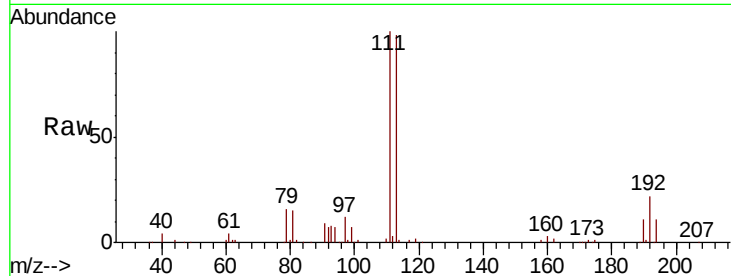




#35  
 Dibromofluoromethane  
 Concen: 55.098 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.00 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.0 | 82.9  | 124.3 |
| 192     | 22.0  | 17.3  | 25.9  |

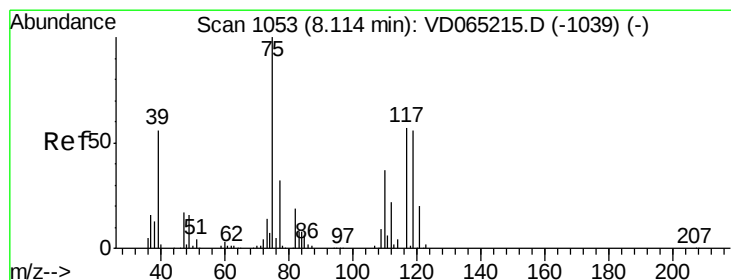
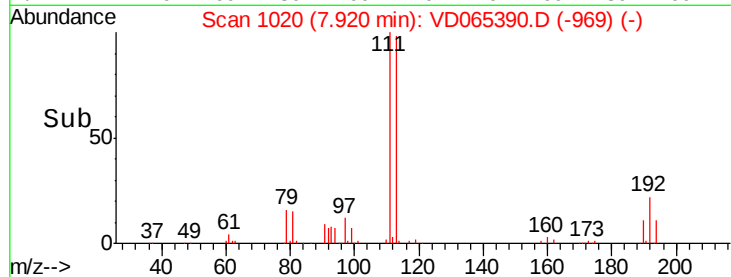
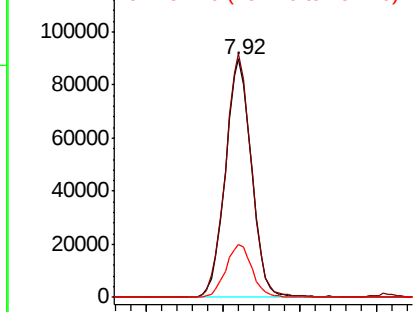


Abundance

Ion 112.80 (112.50 to 113.50): V

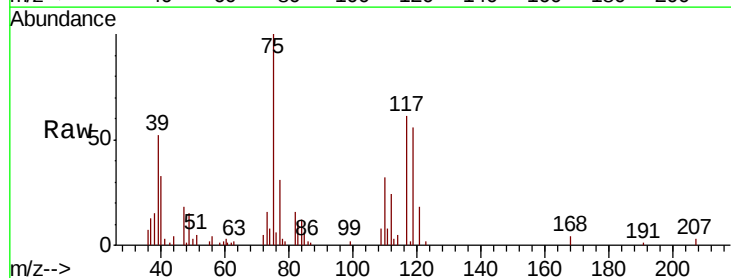
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36  
 1,1-Dichloropropene  
 Concen: 5.318 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. 0.00 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 34.9  | 17.9  | 53.7  |
| 77      | 32.5  | 25.1  | 37.7  |

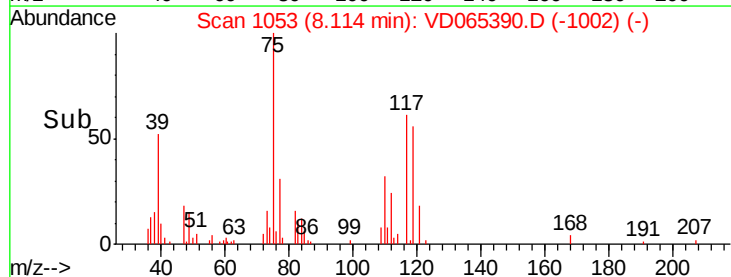
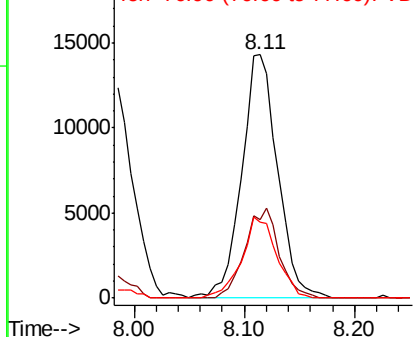


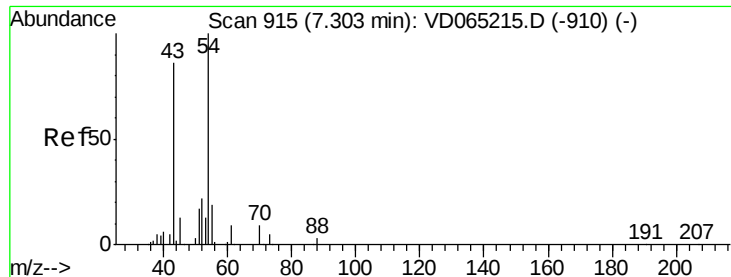
Abundance

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

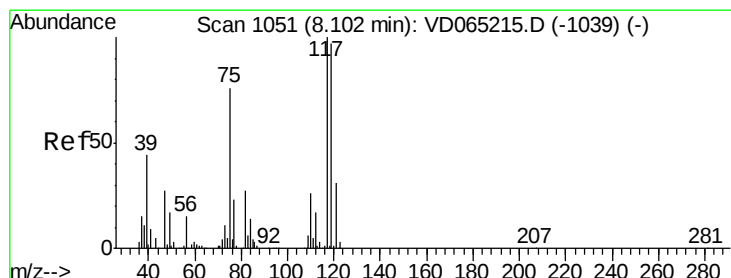
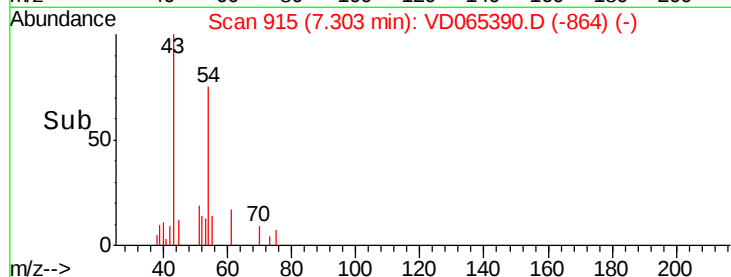
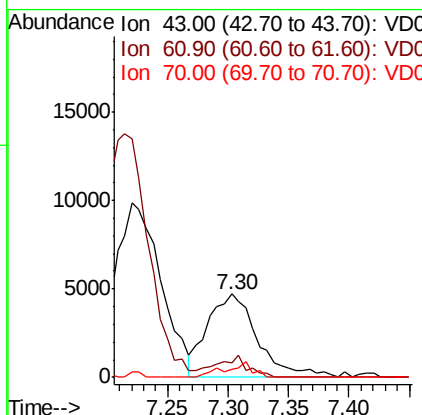
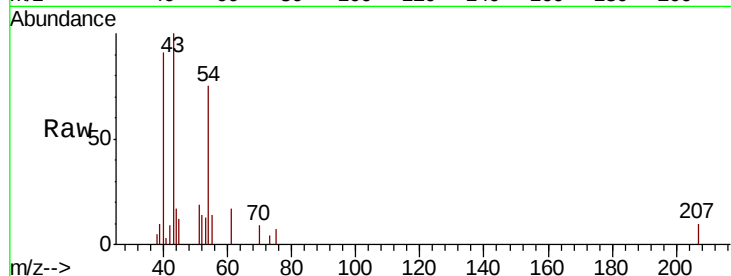




#37  
Ethyl Acetate  
Concen: 5.295 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

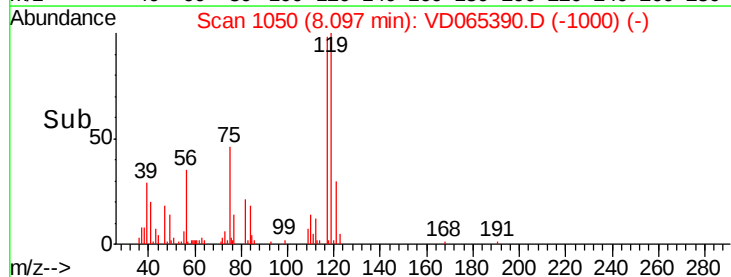
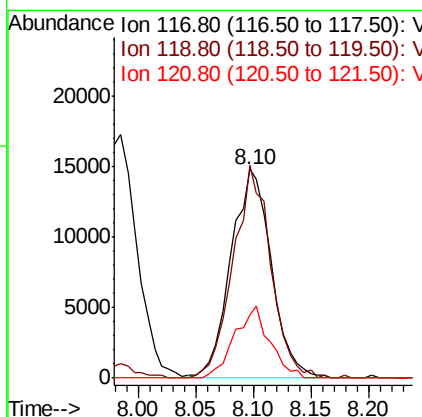
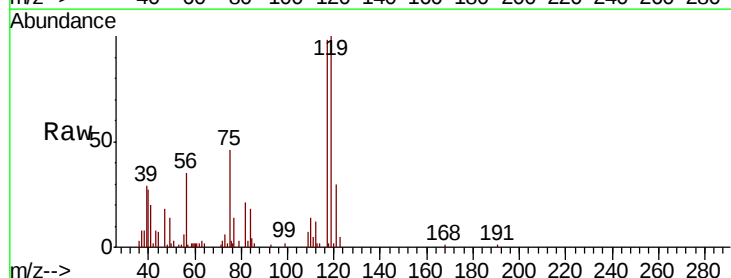
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 13639  
Ion Ratio Lower Upper  
43 100  
61 15.9 11.2 16.8  
70 6.5 8.2 12.2#



#38  
Carbon Tetrachloride  
Concen: 5.750 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion: 117 Resp: 36063  
Ion Ratio Lower Upper  
117 100  
119 102.0 77.6 116.4  
121 30.3 24.8 37.2

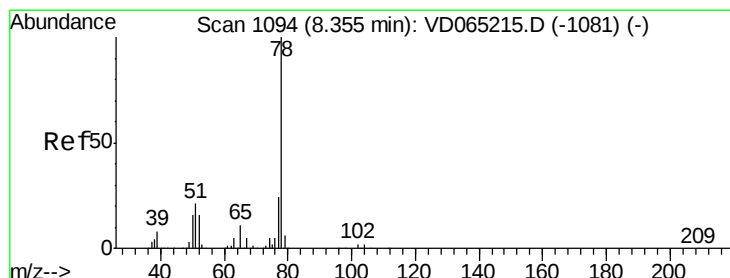
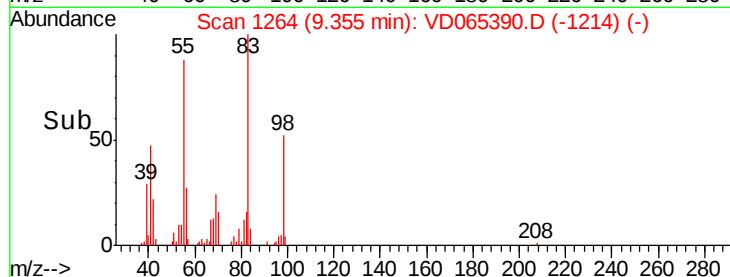
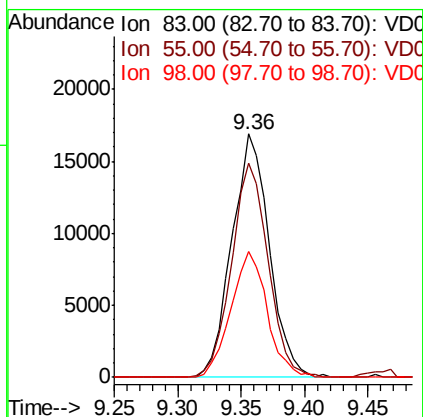
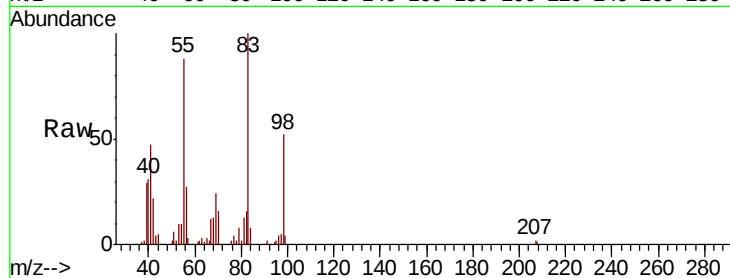




#39  
Methvlcvclohexane  
Concen: 4.780 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

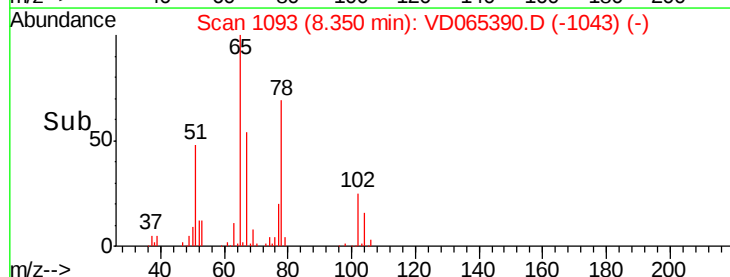
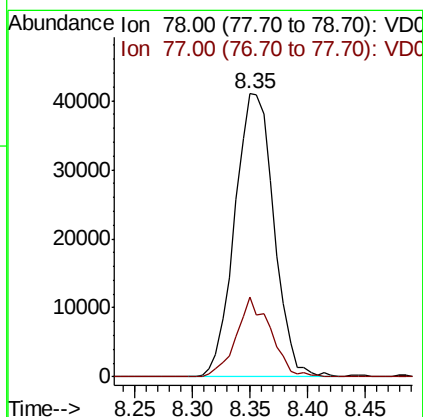
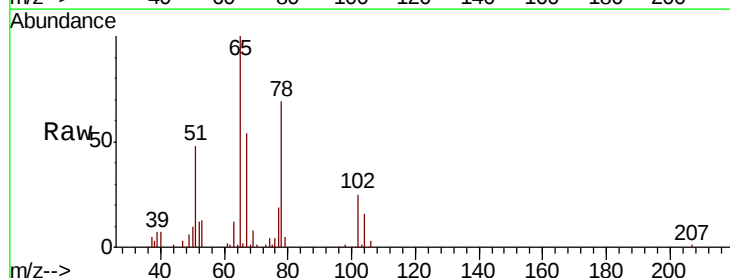
Instrument :  
MSVOA\_D  
ClientSampled :

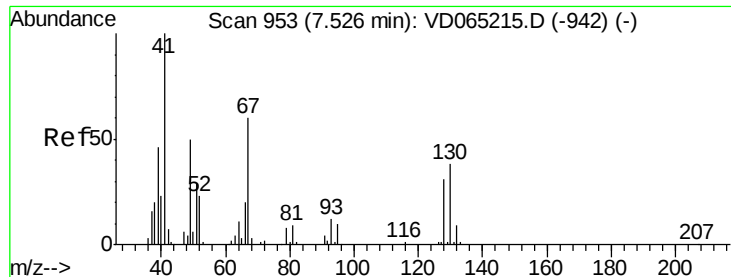
Tot Ion: 83 Resp: 34624  
Ion Ratio Lower Upper  
83 100  
55 87.8 61.8 92.6  
98 51.6 39.4 59.0



#40  
Benzene  
Concen: 5.554 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.01 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion: 78 Resp: 96587  
Ion Ratio Lower Upper  
78 100  
77 28.3 19.0 28.6

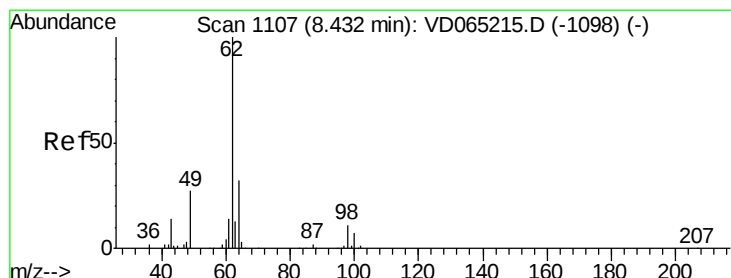
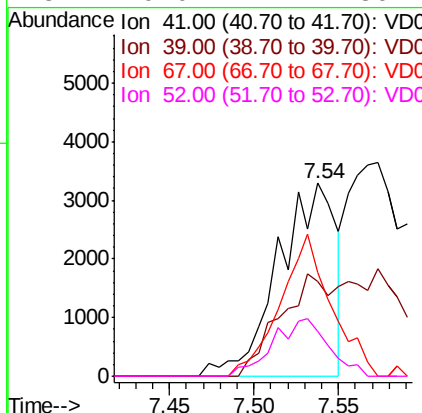
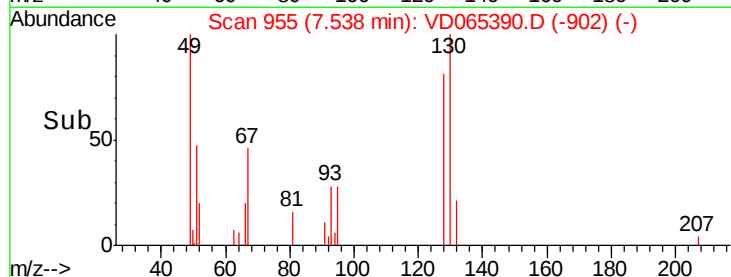
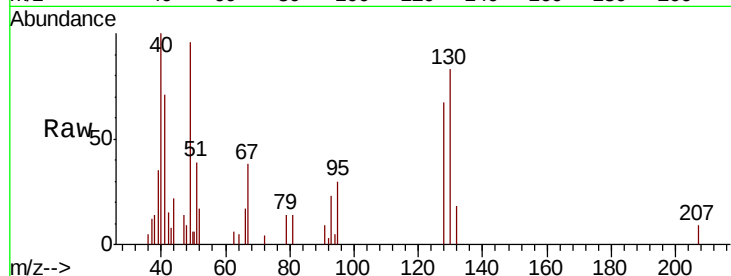




#41  
Methacrylonitrile  
Concen: 5.213 ug/l  
RT: 7.54 min Scan# 955  
Delta R.T. 0.01 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

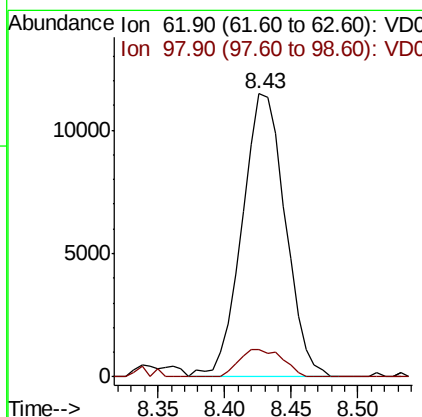
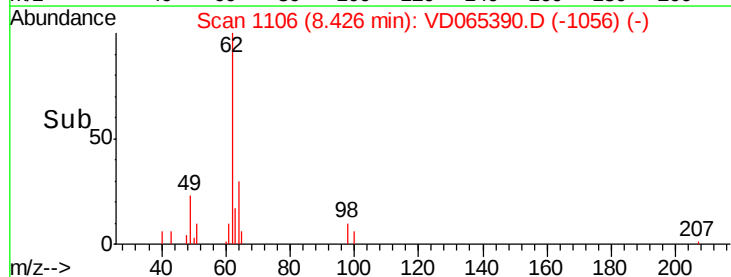
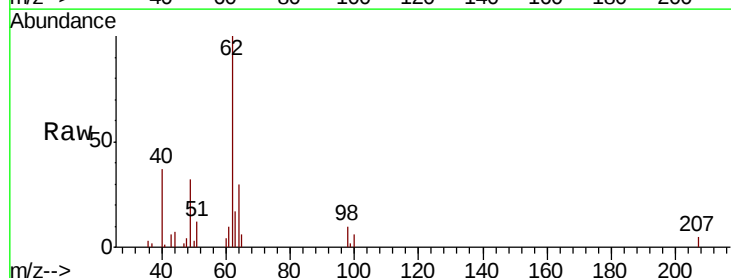
Instrument :  
MSVOA\_D  
ClientSampleId :

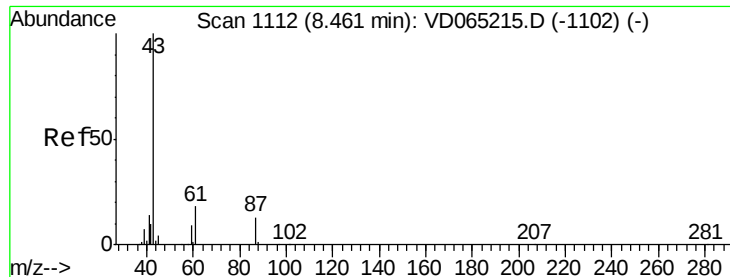
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 7753  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 44.0  | 48.1  | 72.1# |
| 67       | 65.5  | 58.9  | 88.3  |
| 52       | 29.0  | 24.2  | 36.2  |



#42  
1,2-Dichloroethane  
Concen: 5.387 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. -0.01 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 25757 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.9   | 0.0   | 20.6  |





#43

Isopropyl Acetate

Concen: 4.773 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

ClientSampleId :

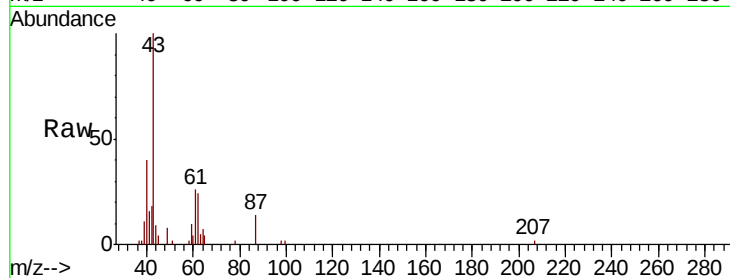
Tot Ion: 43 Resp: 22358

Ion Ratio Lower Upper

43 100

61 34.9 24.6 36.8

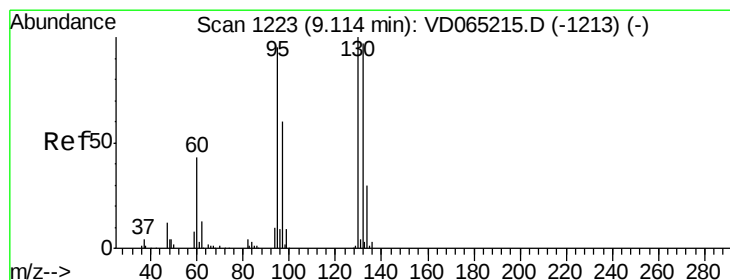
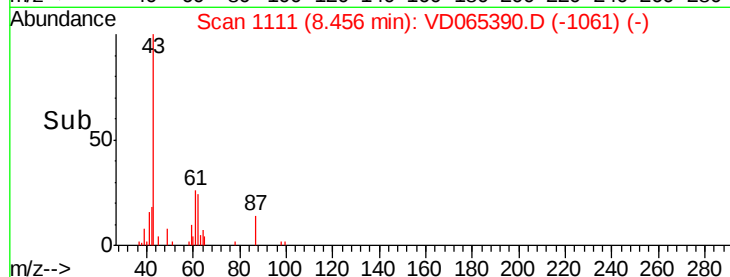
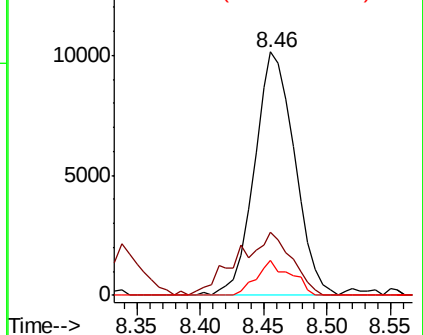
87 12.3 10.6 16.0



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: 5.584 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065390.D

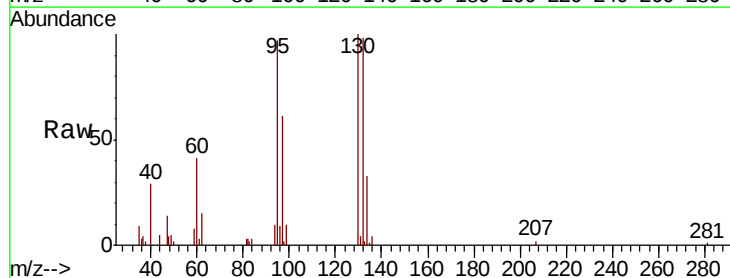
Acq: 03 Mar 2020 13:11

Tgt Ion:130 Resp: 26919

Ion Ratio Lower Upper

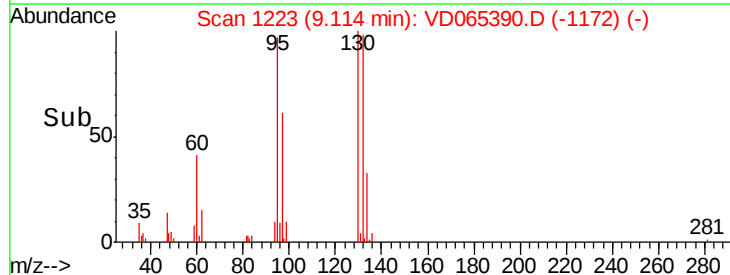
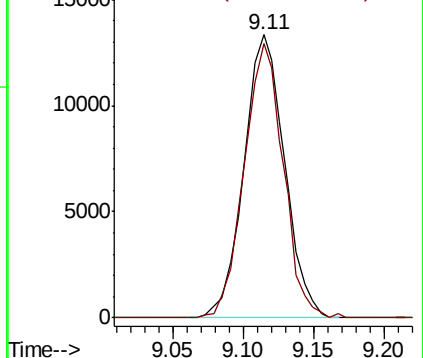
130 100

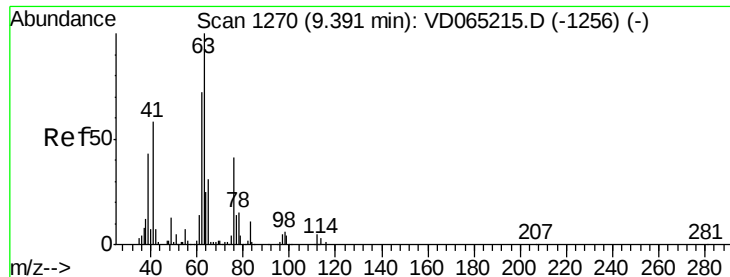
95 96.9 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 5.634 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

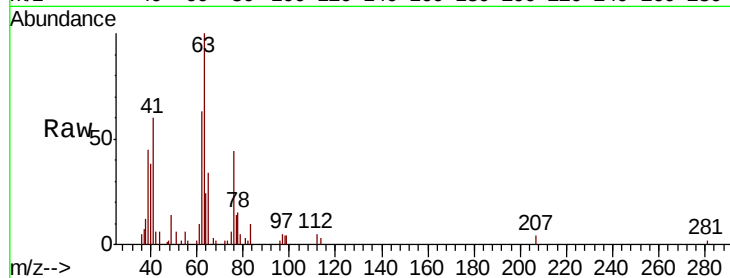
ClientSampled :

Tot Ion: 63 Resp: 24365

Ion Ratio Lower Upper

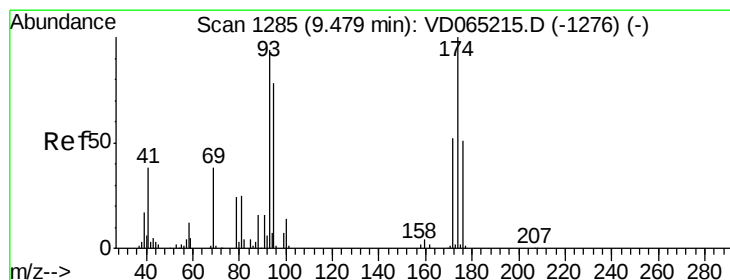
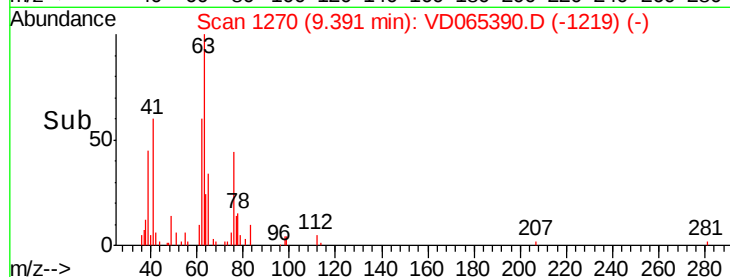
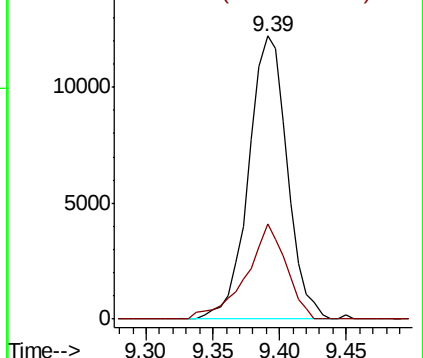
63 100

65 33.7 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 5.795 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

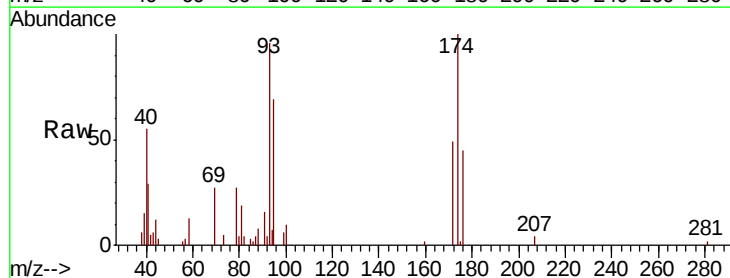
Tgt Ion: 93 Resp: 12893

Ion Ratio Lower Upper

93 100

95 78.1 65.8 98.6

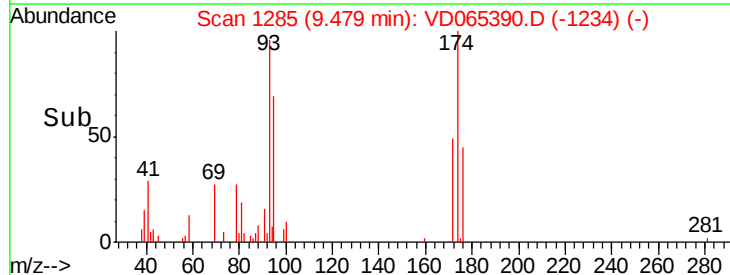
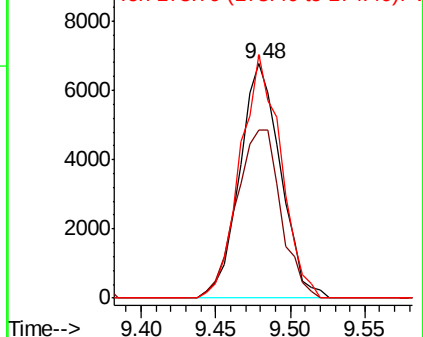
174 103.0 86.8 130.2

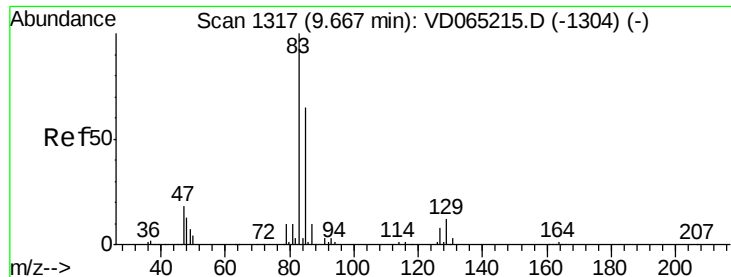


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 5.618 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

ClientSampled :

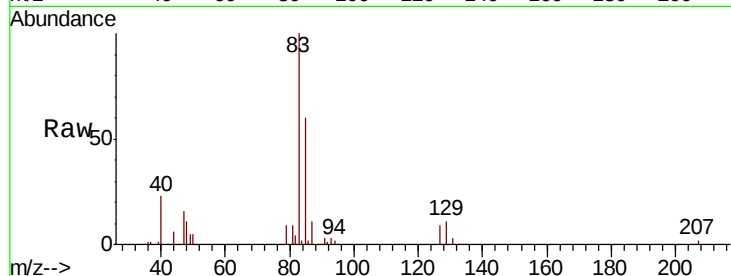
Tot Ion: 83 Resp: 32944

Ion Ratio Lower Upper

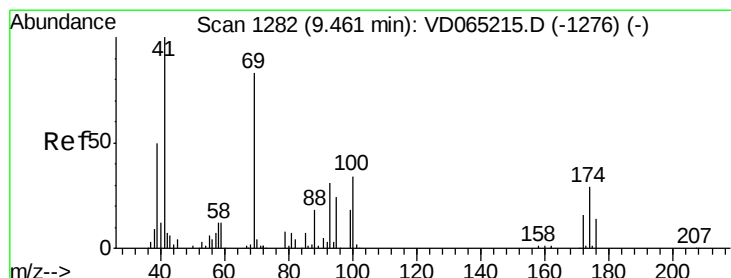
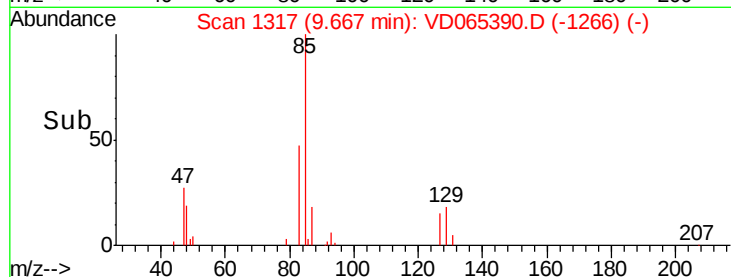
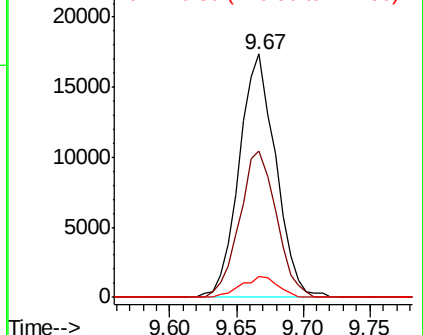
83 100

85 60.2 52.0 78.0

127 8.8 6.7 10.1



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



#48

Methyl methacrylate

Concen: 3.929 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

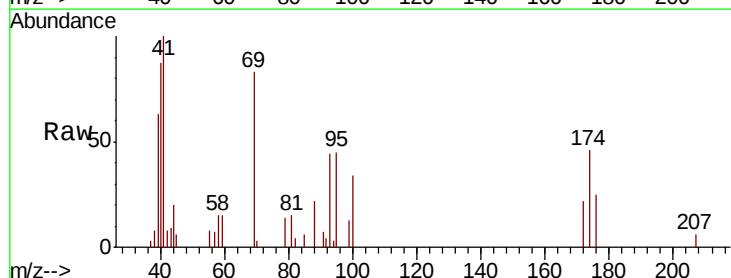
Tgt Ion: 41 Resp: 8507

Ion Ratio Lower Upper

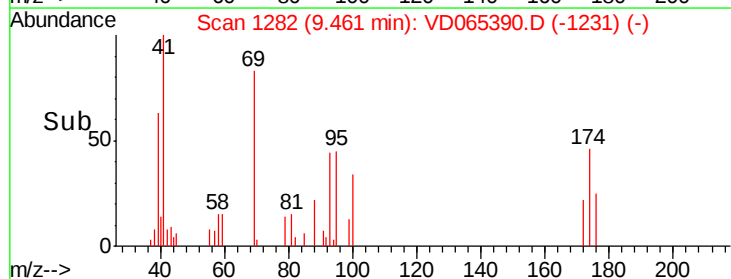
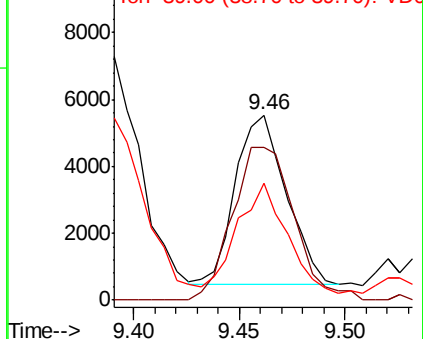
41 100

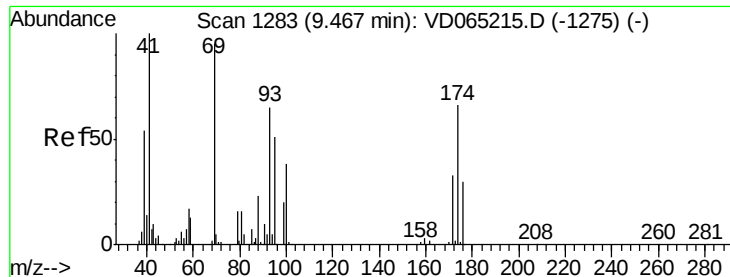
69 109.0 68.2 102.2#

39 72.0 42.0 63.0#



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

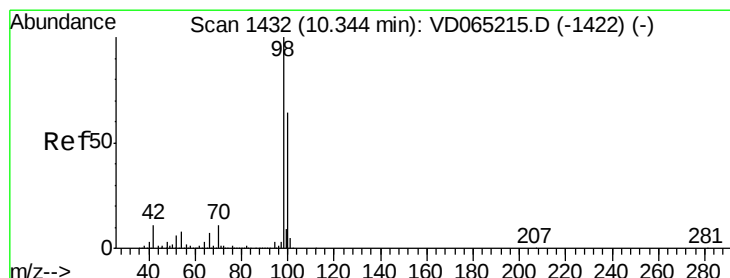
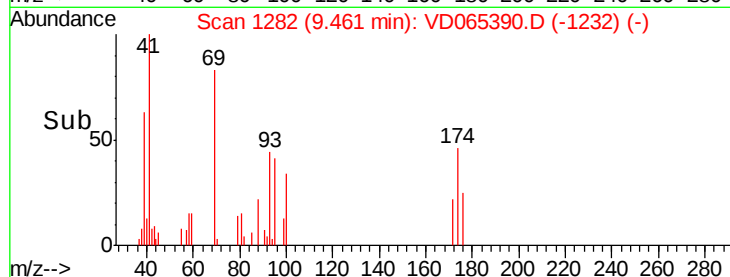
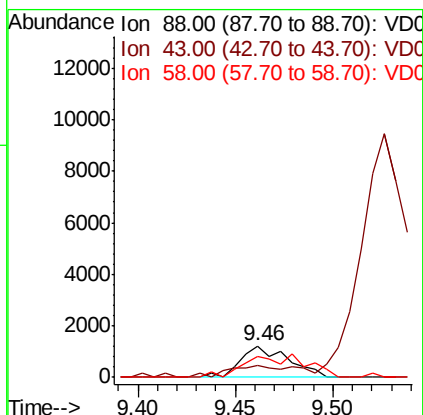
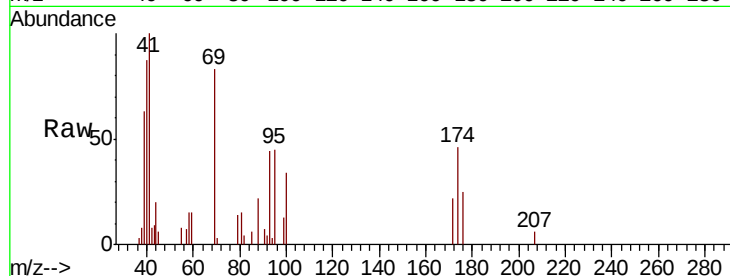




#49  
1,4-Dioxane  
Concen: 79.325 ug/l  
RT: 9.46 min Scan# 1282  
Delta R.T. -0.01 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

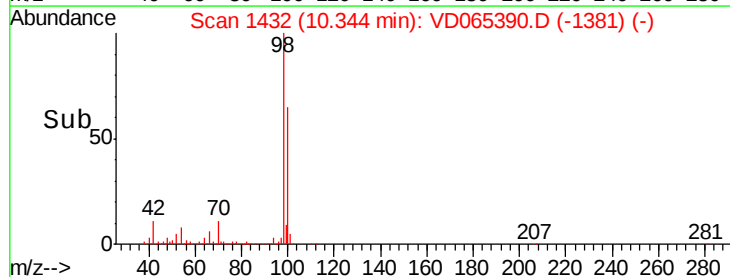
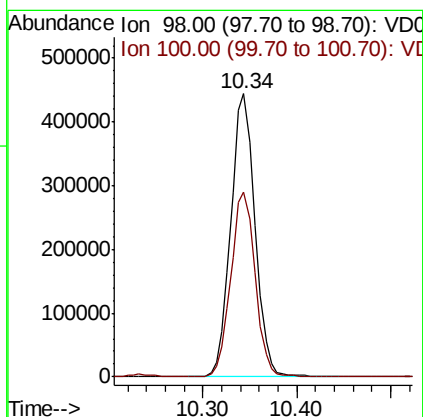
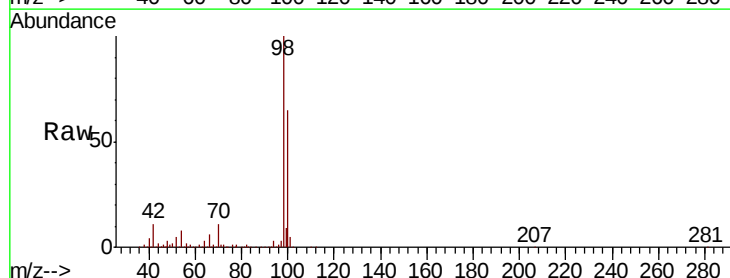
Instrument :  
MSVOA\_D  
ClientSampleId :

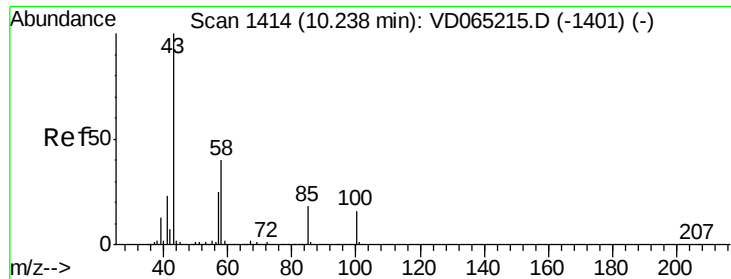
Tot Ion: 88 Resp: 2070  
Ion Ratio Lower Upper  
88 100  
43 56.5 28.5 42.7#  
58 52.4 58.6 87.8#



#50  
Toluene-d8  
Concen: 54.057 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion: 98 Resp: 797885  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 22.594 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

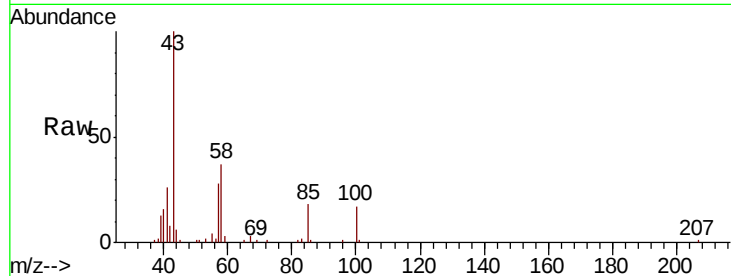
ClientSampleId :

Tot Ion: 43 Resp: 53751

Ion Ratio Lower Upper

43 100

58 36.9 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

30000

25000

20000

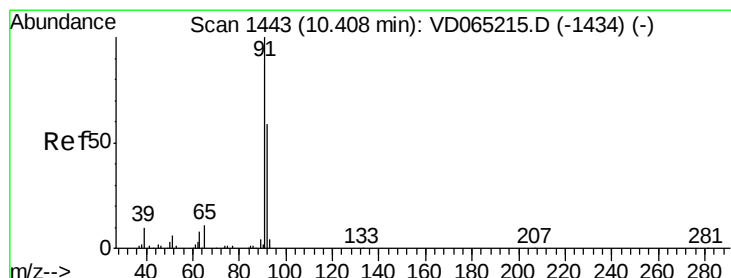
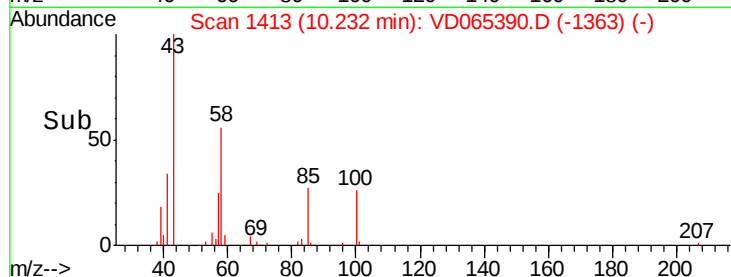
15000

10000

5000

0

Time-->



#52

Toluene

Concen: 5.711 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065390.D

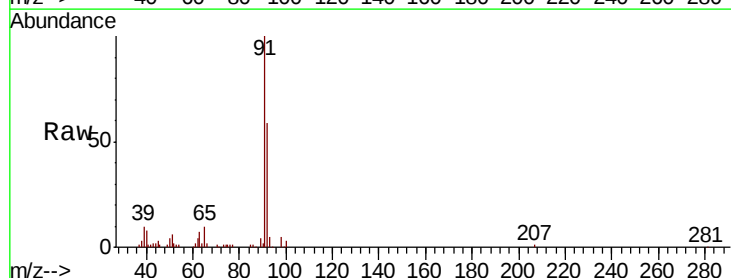
Acq: 03 Mar 2020 13:11

Tgt Ion: 92 Resp: 61478

Ion Ratio Lower Upper

92 100

91 169.8 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

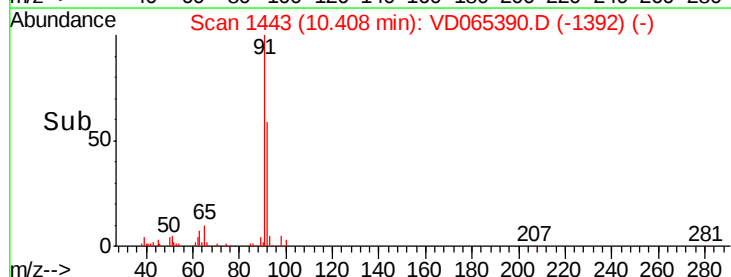
60000

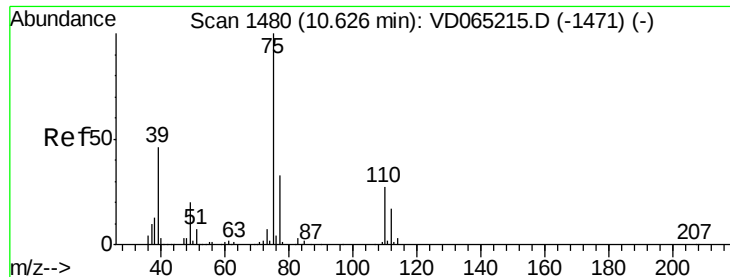
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 5.126 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

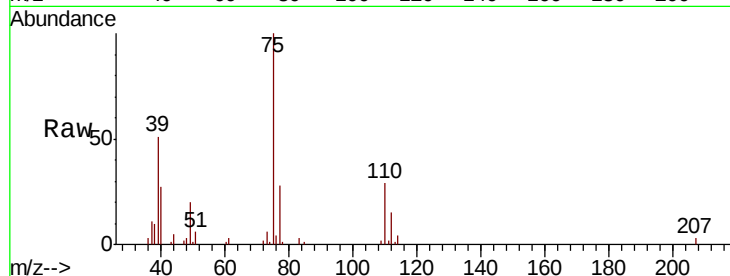
ClientSampleId :

Tot Ion: 75 Resp: 27861

Ion Ratio Lower Upper

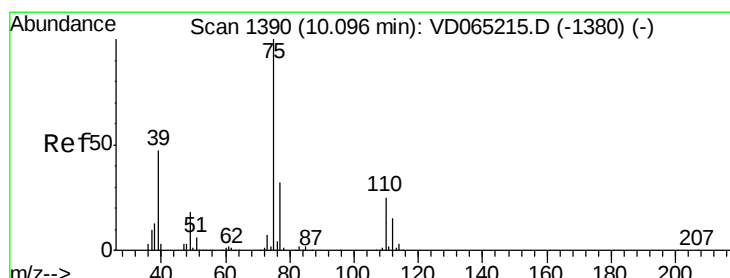
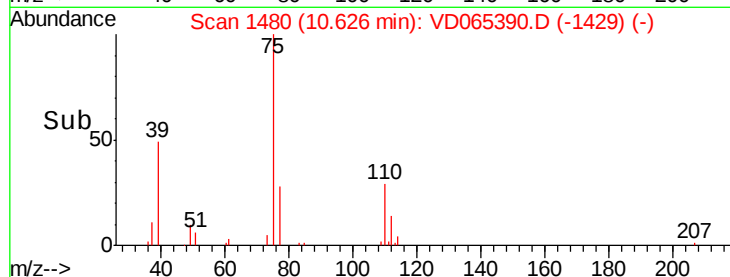
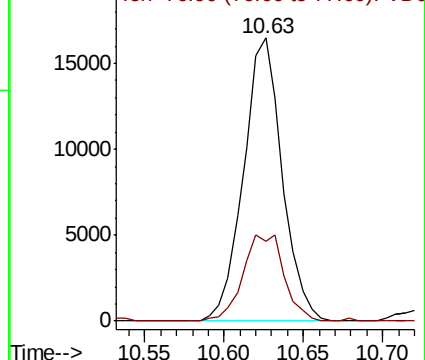
75 100

77 28.1 26.6 40.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 5.172 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

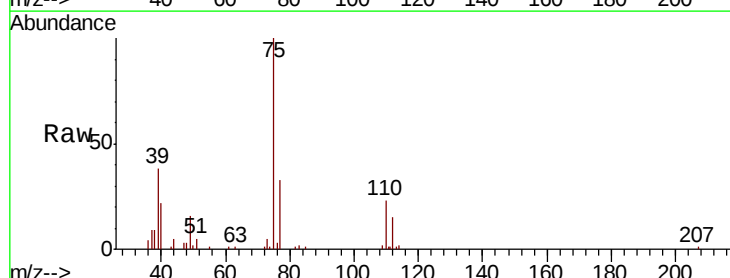
Tgt Ion: 75 Resp: 33943

Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.8

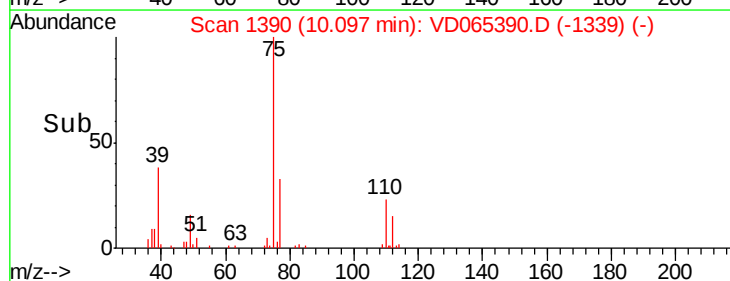
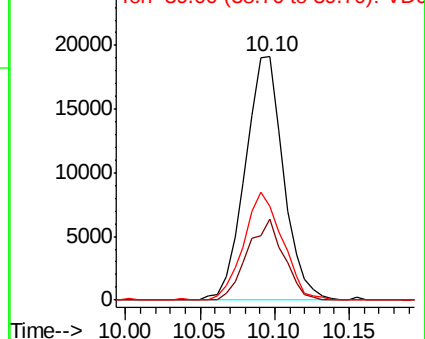
39 38.4 37.3 55.9

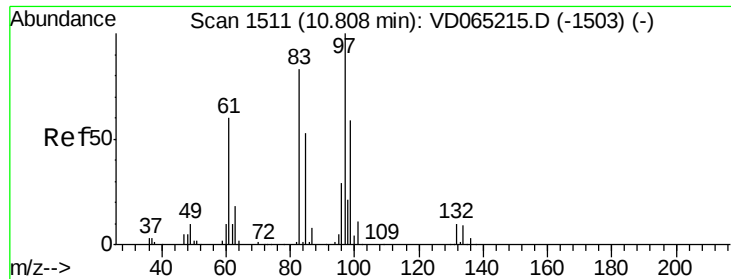


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 5.505 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

ClientSampleId :

Tot Ion: 97 Resp: 17239

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.4  | 66.7  | 100.1 |
| 85  | 50.8  | 42.4  | 63.6  |
| 99  | 63.8  | 47.5  | 71.3  |

Abundance

Ion 96.90 (96.60 to 97.60): VDC

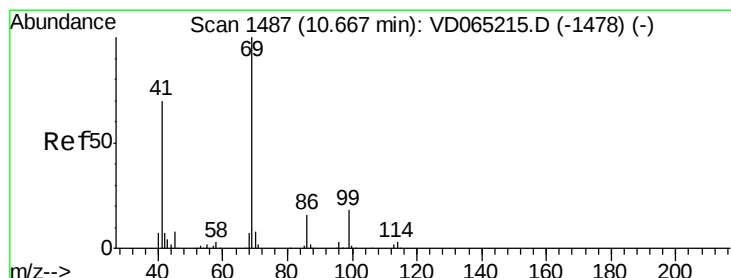
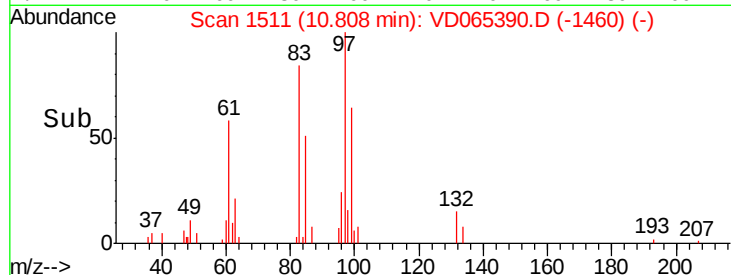
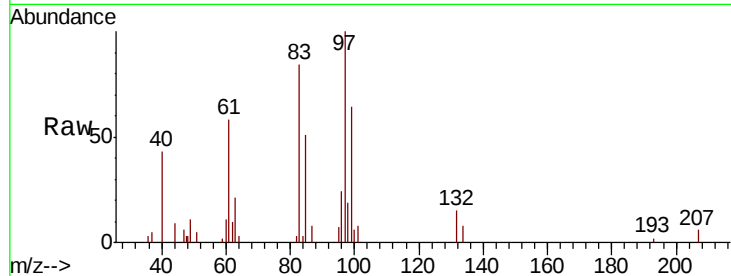
Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

10.81

Time-->



#56

Ethyl methacrylate

Concen: 4.521 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Tgt Ion: 69 Resp: 16340

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 70.0  | 54.6  | 81.8  |
| 39  | 31.4  | 26.5  | 39.7  |

Abundance

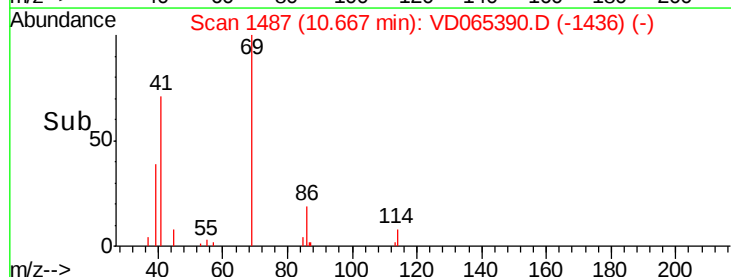
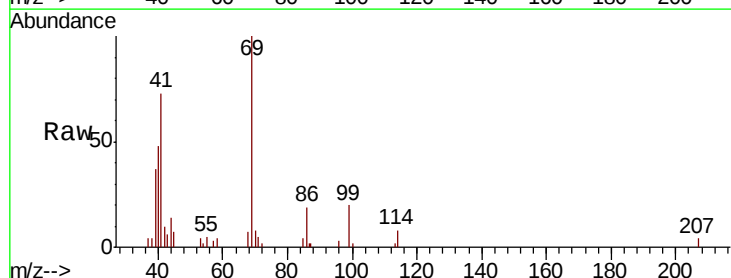
Ion 69.00 (68.70 to 69.70): VDC

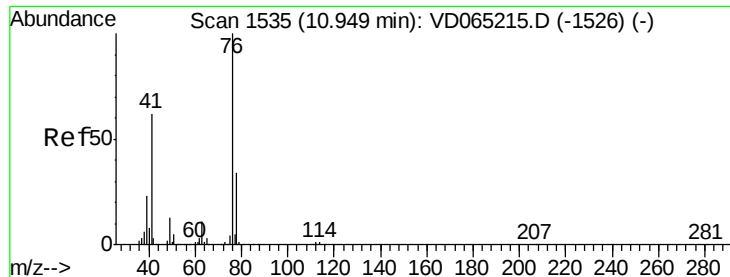
Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.67

Time-->





#57

1,3-Dichloropropane

Concen: 5.432 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

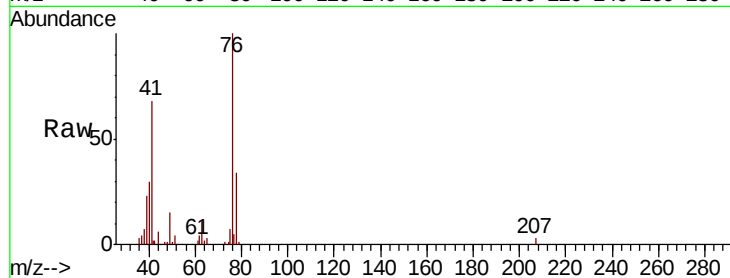
ClientSampled :

Tot Ion: 76 Resp: 28952

Ion Ratio Lower Upper

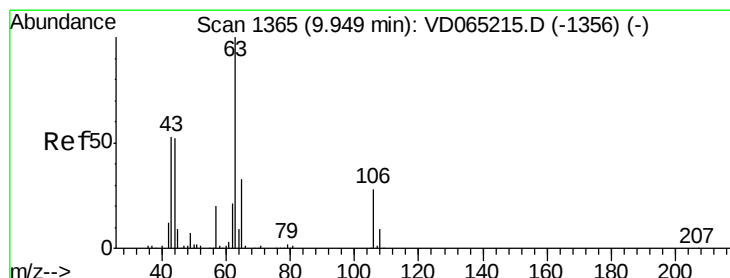
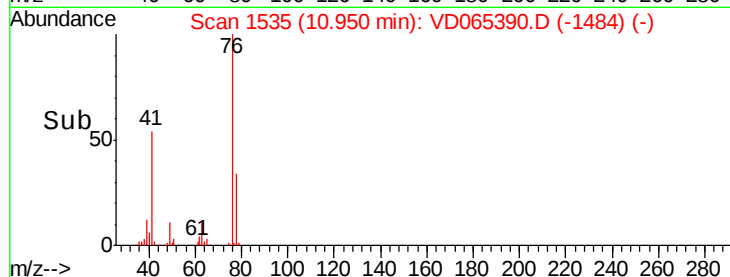
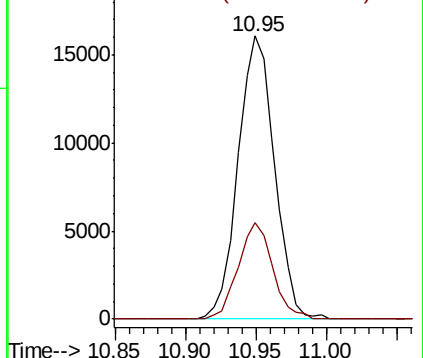
76 100

78 32.2 26.3 39.5



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: 31.555 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065390.D

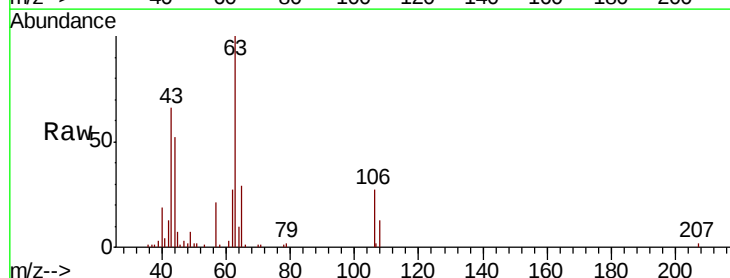
Acq: 03 Mar 2020 13:11

Tgt Ion: 63 Resp: 35959

Ion Ratio Lower Upper

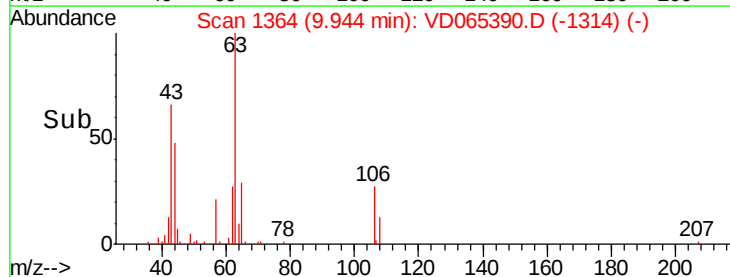
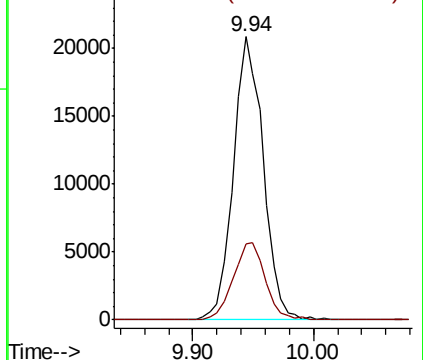
63 100

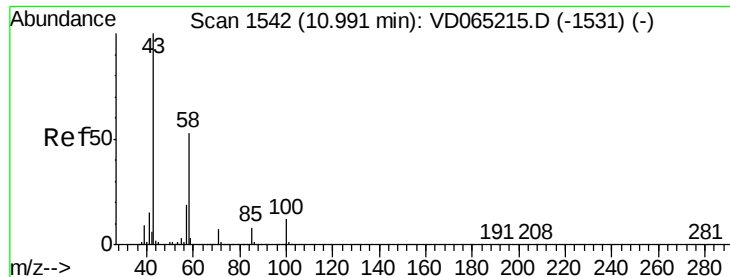
106 29.2 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

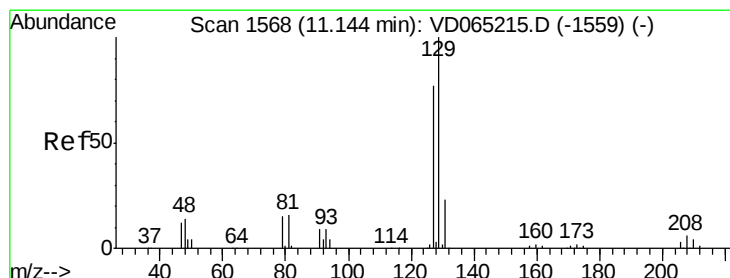
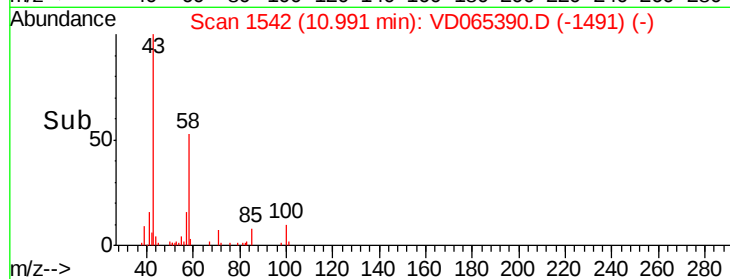
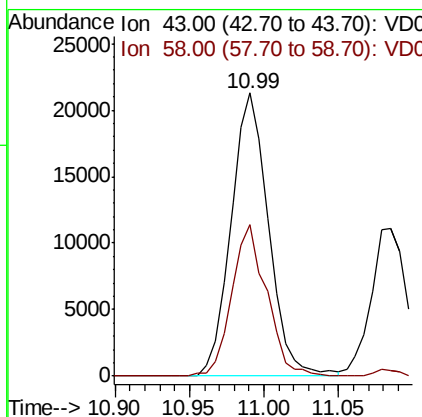
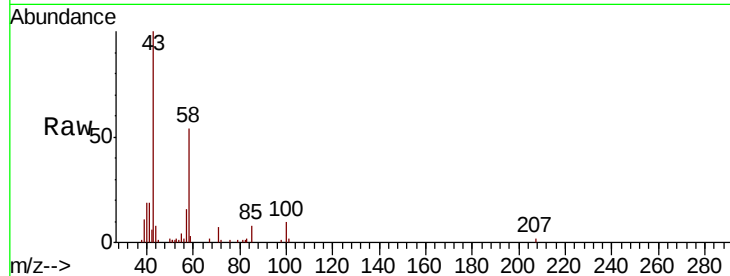




#59  
2-Hexanone  
Concen: 21.817 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

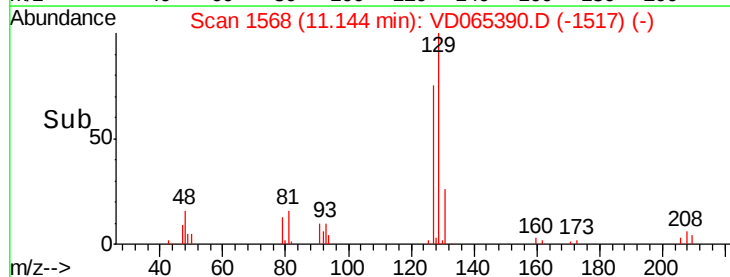
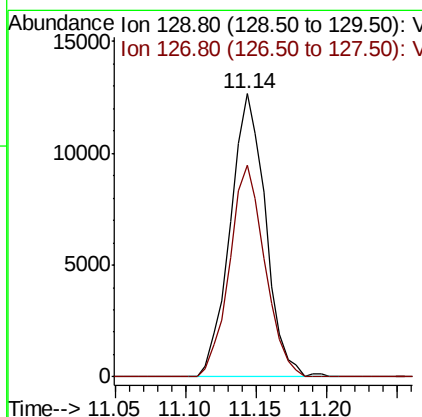
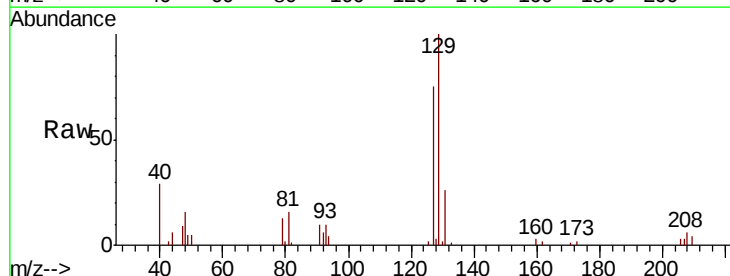
Instrument :  
MSVOA\_D  
ClientSampled :

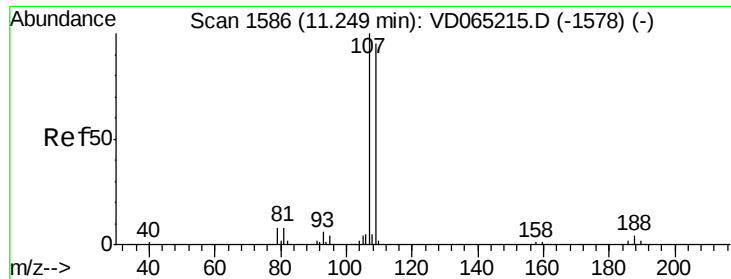
Tot Ion: 43 Resp: 37153  
Ion Ratio Lower Upper  
43 100  
58 50.1 26.3 78.8



#60  
Dibromochloromethane  
Concen: 5.517 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion: 129 Resp: 22113  
Ion Ratio Lower Upper  
129 100  
127 74.6 38.7 116.1

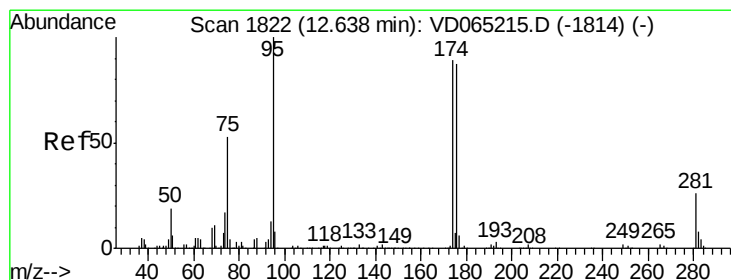
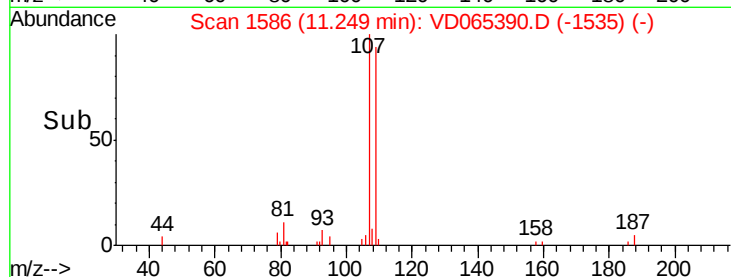
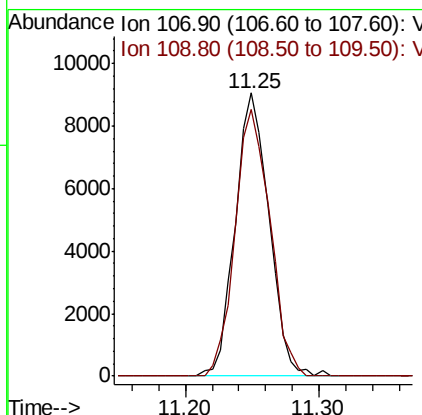
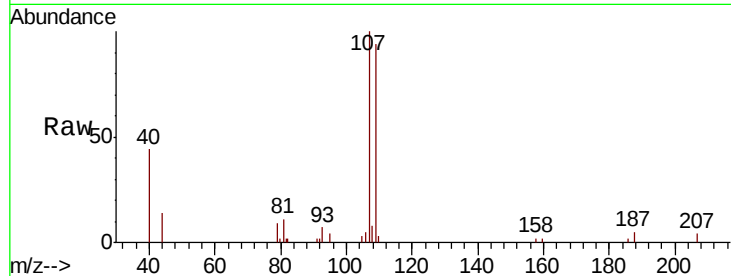




#61  
 1,2-Dibromoethane  
 Concen: 5.383 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

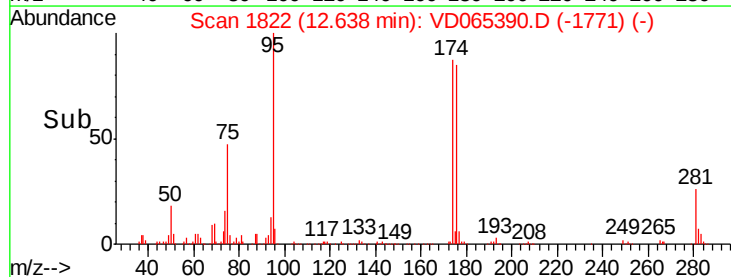
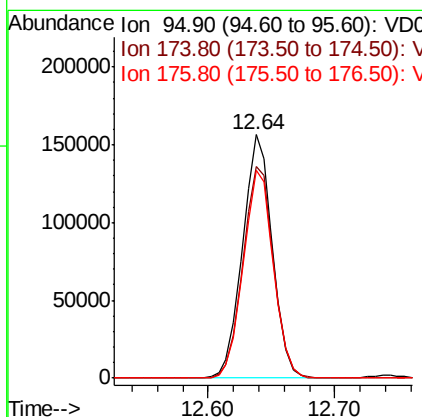
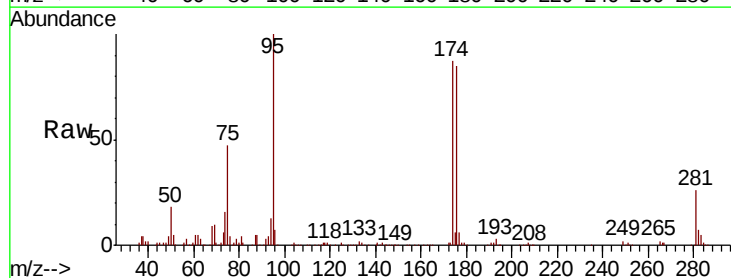
Instrument :  
 MSVOA\_D  
 ClientSampleId :

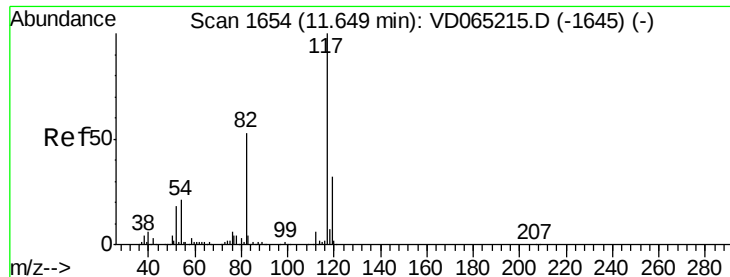
Tot Ion:107 Resp: 15961  
 Ion Ratio Lower Upper  
 107 100  
 109 96.7 76.2 114.4



#62  
 4-Bromofluorobenzene  
 Concen: 54.142 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

Tgt Ion: 95 Resp: 253160  
 Ion Ratio Lower Upper  
 95 100  
 174 89.9 0.0 178.0  
 176 86.9 0.0 174.4

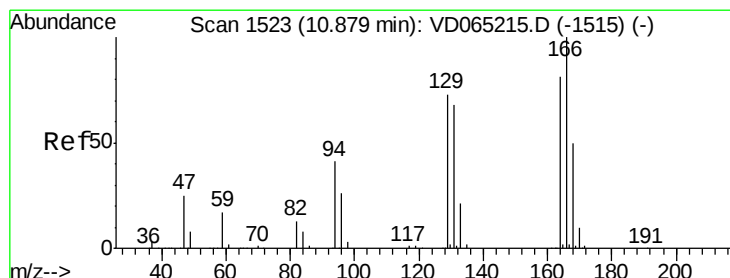
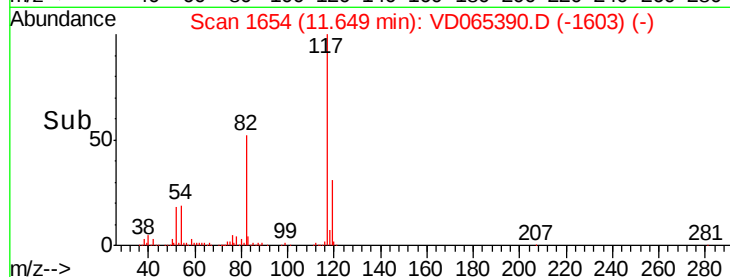
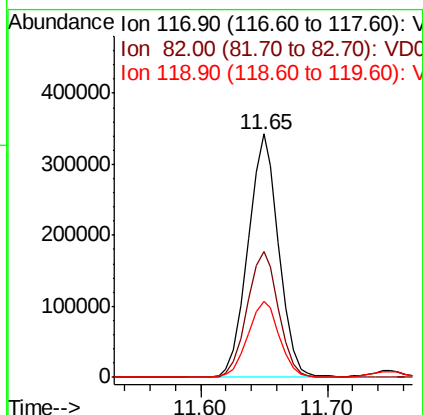
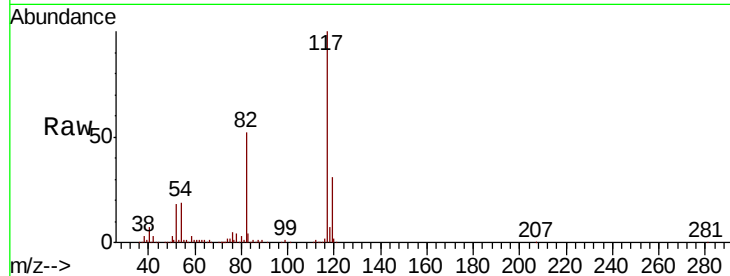




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

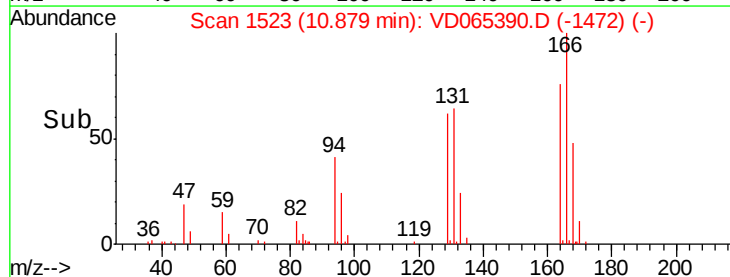
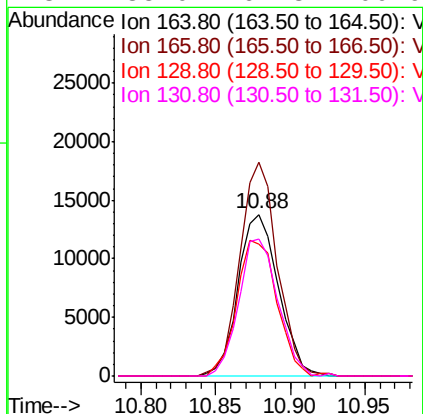
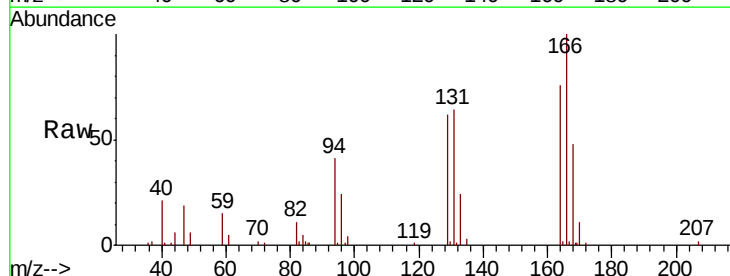
Instrument :  
MSVOA\_D  
ClientSampleId :

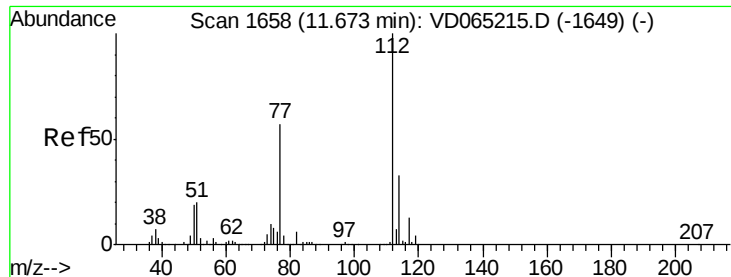
Tot Ion:117 Resp: 575248  
Ion Ratio Lower Upper  
117 100  
82 51.6 42.7 64.1  
119 31.4 25.5 38.3



#64  
Tetrachloroethene  
Concen: 6.335 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion:164 Resp: 25844  
Ion Ratio Lower Upper  
164 100  
166 132.1 98.4 147.6  
129 81.6 71.6 107.4  
131 85.0 67.3 100.9

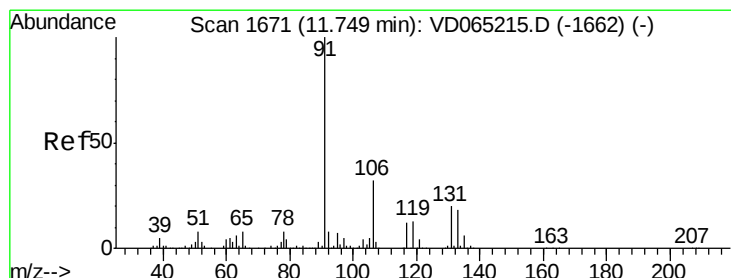
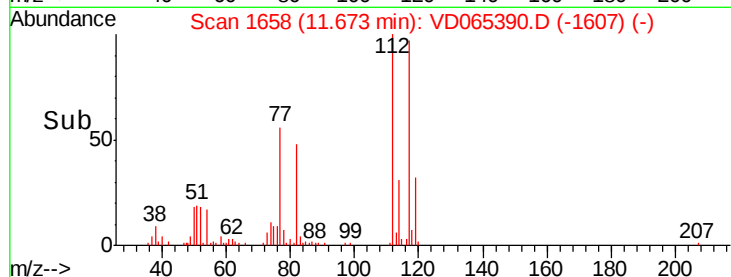
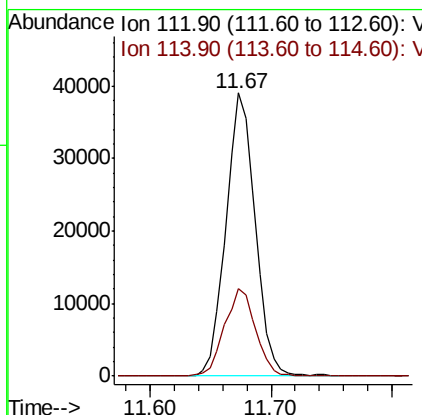
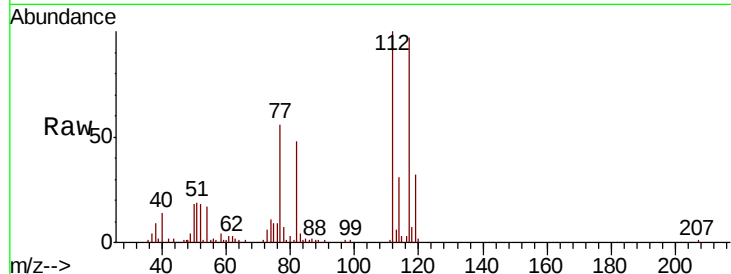




#65  
Chlorobenzene  
Concen: 5.683 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

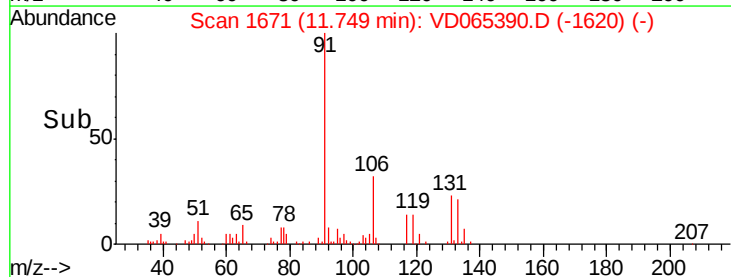
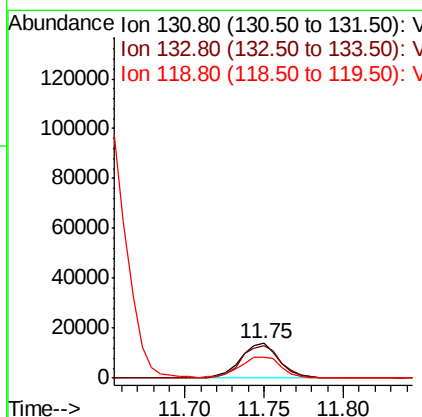
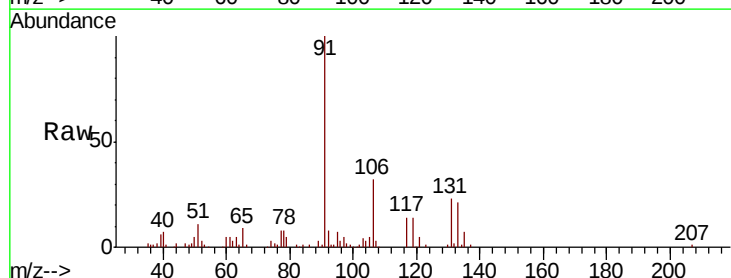
Instrument :  
MSVOA\_D  
ClientSampleId :

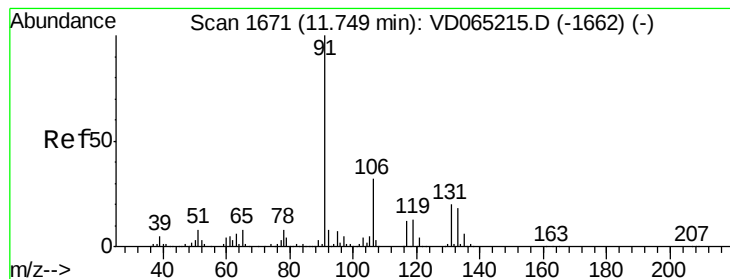
Tot Ion:112 Resp: 65598  
Ion Ratio Lower Upper  
112 100  
114 30.7 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.485 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion:131 Resp: 23629  
Ion Ratio Lower Upper  
131 100  
133 97.1 47.7 143.1  
119 66.7 32.7 98.1





#67

Ethyl Benzene

Concen: 4.862 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

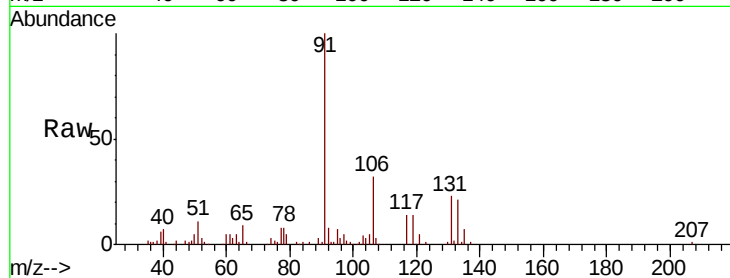
ClientSampleId :

Tot Ion: 91 Resp: 98303

Ion Ratio Lower Upper

91 100

106 31.7 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC

11.75

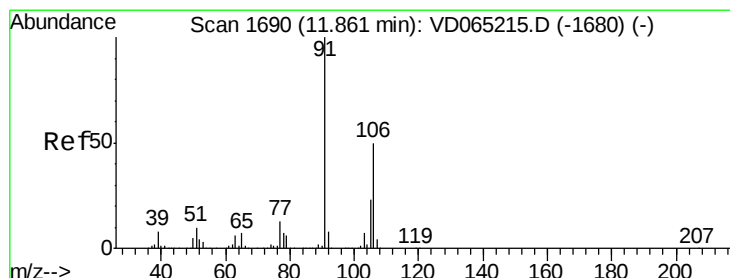
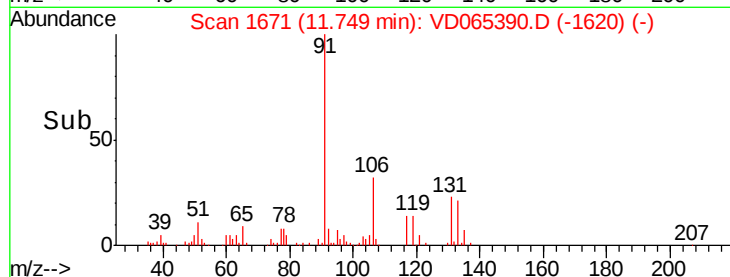
60000

40000

20000

0

Time-->



#68

m/p-Xylenes

Concen: 10.046 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065390.D

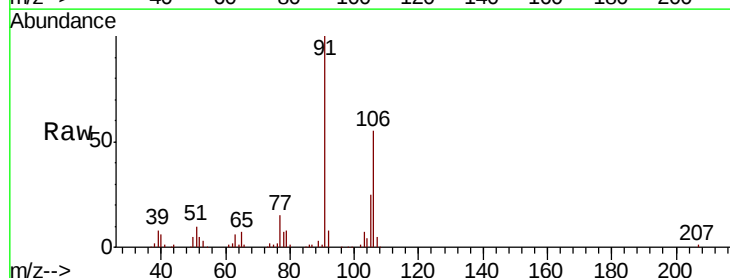
Acq: 03 Mar 2020 13:11

Tgt Ion: 106 Resp: 77704

Ion Ratio Lower Upper

106 100

91 193.3 158.2 237.4



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

11.86

80000

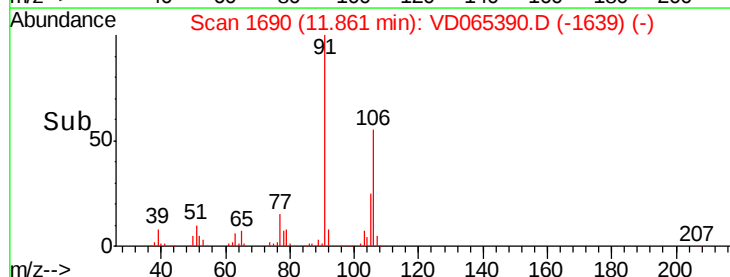
60000

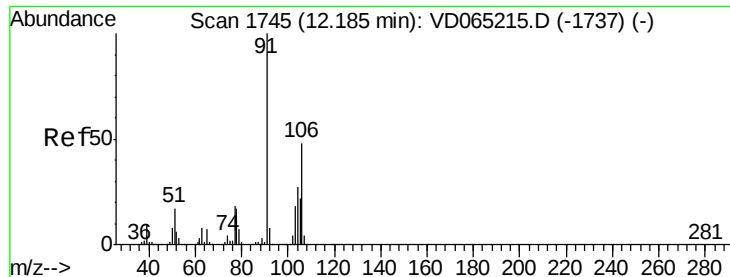
40000

20000

0

Time-->

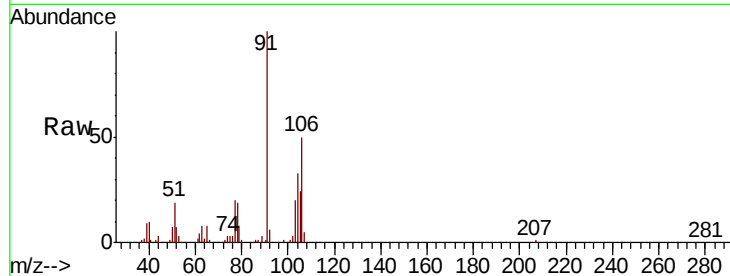




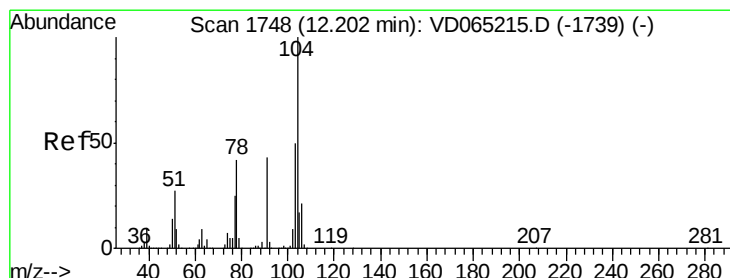
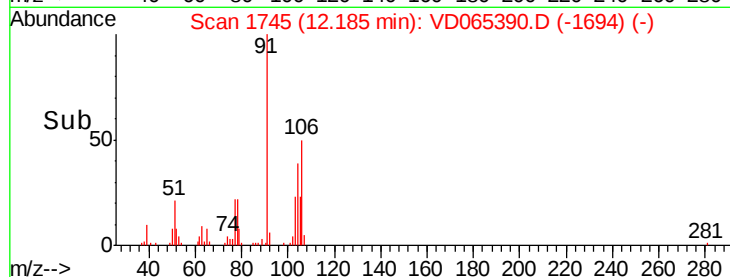
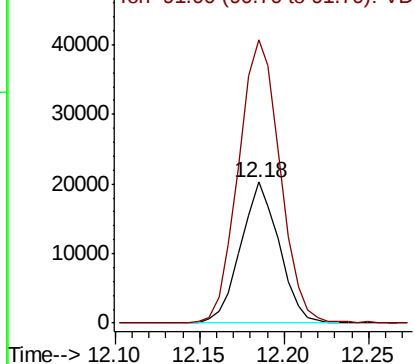
#69  
o-Xylene  
Concen: 4.687 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:106 Resp: 32117  
Ion Ratio Lower Upper  
106 100  
91 217.3 104.7 313.9

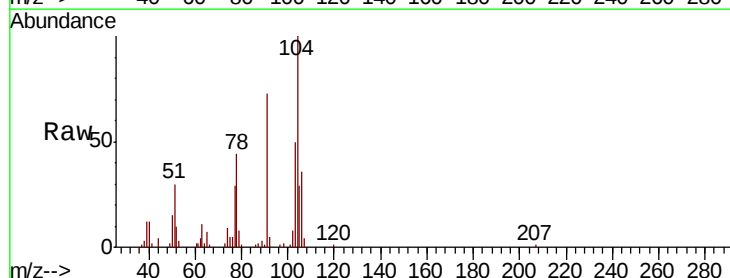


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): V

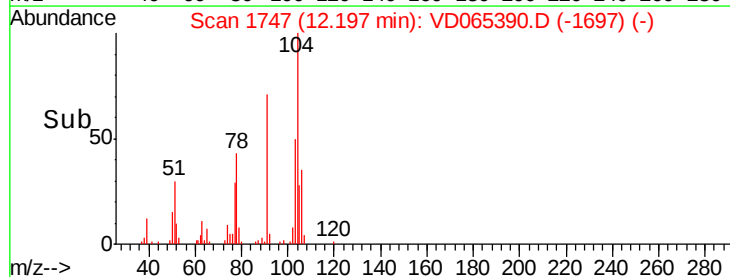
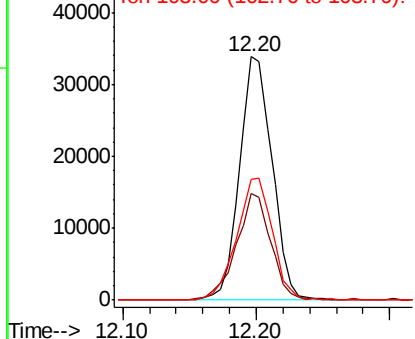


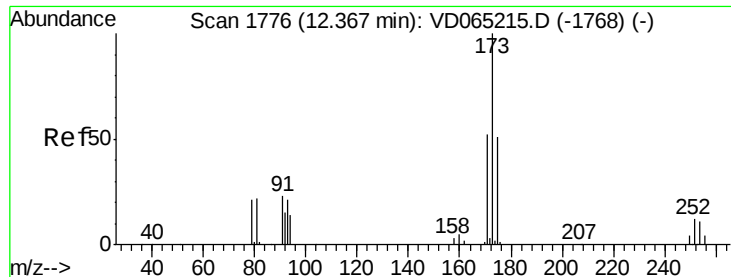
#70  
Styrene  
Concen: 4.702 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. -0.01 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion:104 Resp: 57205  
Ion Ratio Lower Upper  
104 100  
78 46.1 37.8 56.6  
103 54.4 43.4 65.2



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: 5.693 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

ClientSampled :

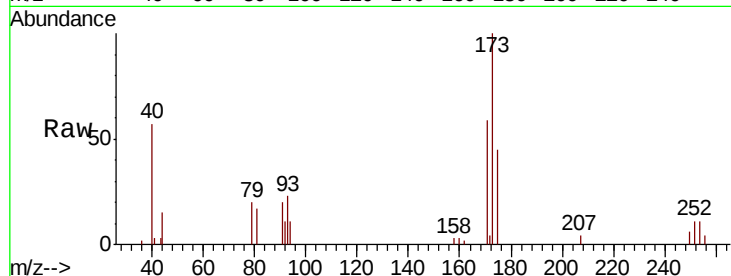
Tot Ion:173 Resp: 13609

Ion Ratio Lower Upper

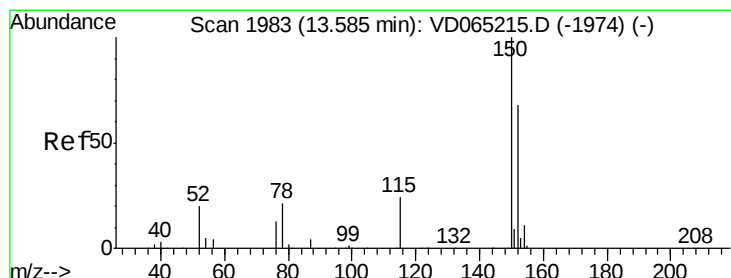
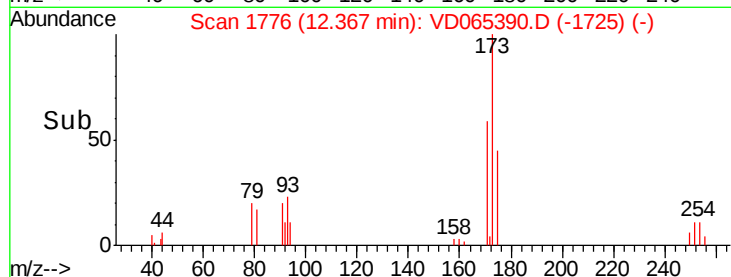
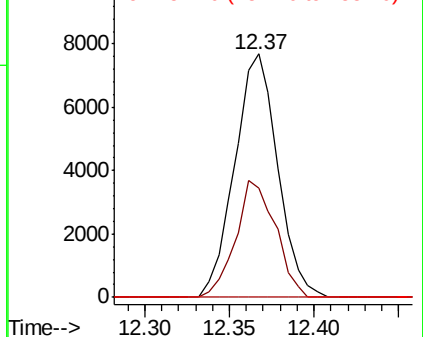
173 100

175 44.5 24.4 73.4

254 0.0 0.0 0.0



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: VD065390.D

Acq: 03 Mar 2020 13:11

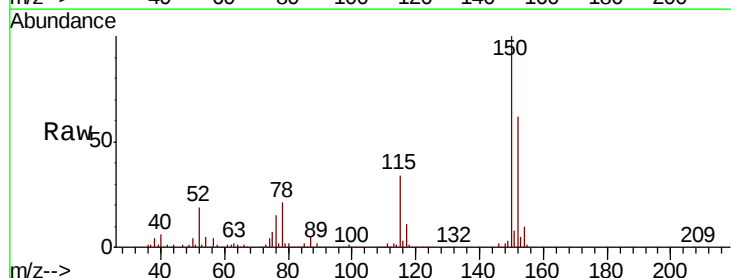
Tgt Ion:152 Resp: 287159

Ion Ratio Lower Upper

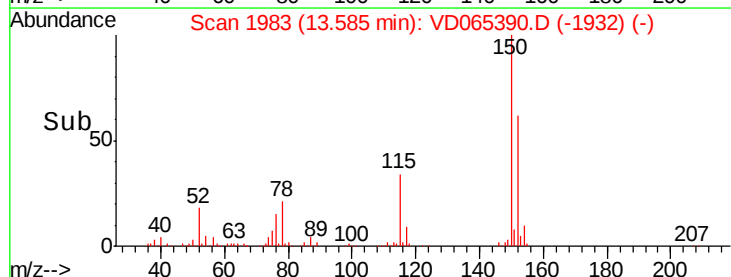
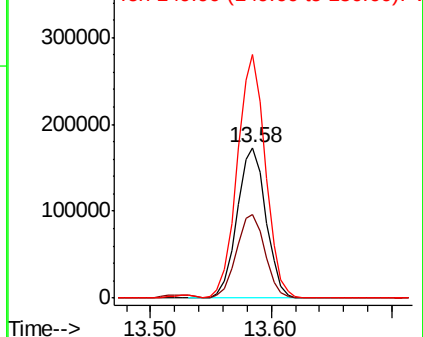
152 100

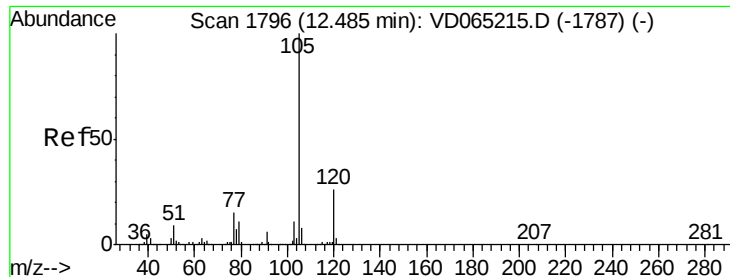
115 55.5 27.6 82.8

150 158.8 0.0 347.4



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: 4.693 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

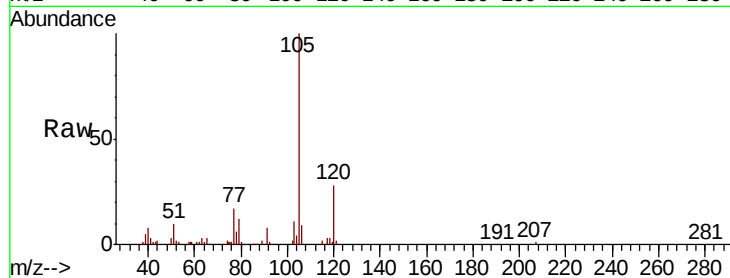
ClientSampled :

Tot Ion: 105 Resp: 89211

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

60000

50000

40000

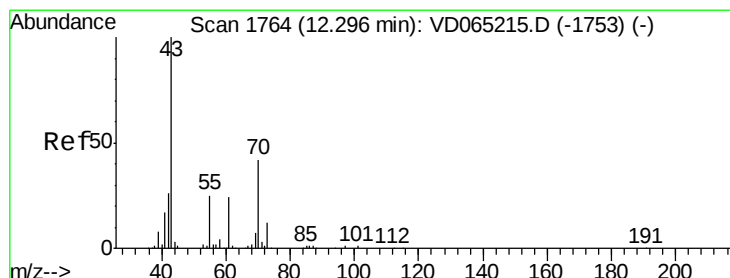
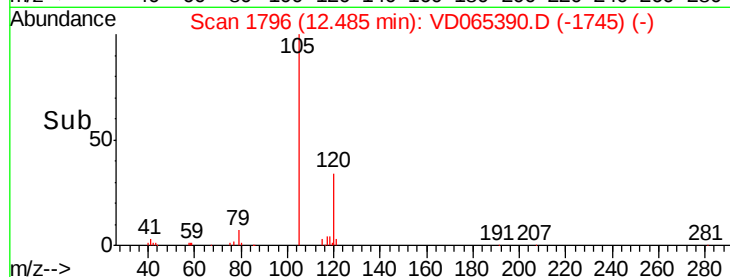
30000

20000

10000

0

Time--> 12.40 12.45 12.50 12.55



#74

N-ethyl acetate

Concen: 4.363 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Tgt Ion: 43 Resp: 18429

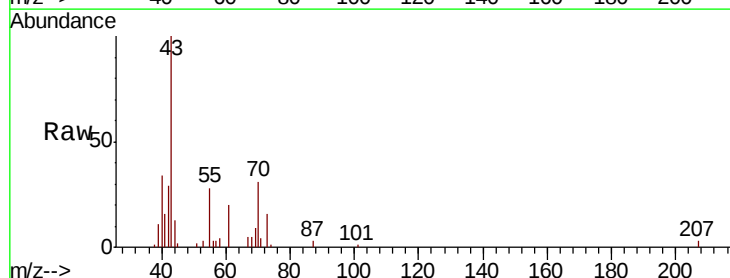
Ion Ratio Lower Upper

43 100

70 39.2 33.7 50.5

55 29.9 20.7 31.1

61 24.2 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.29

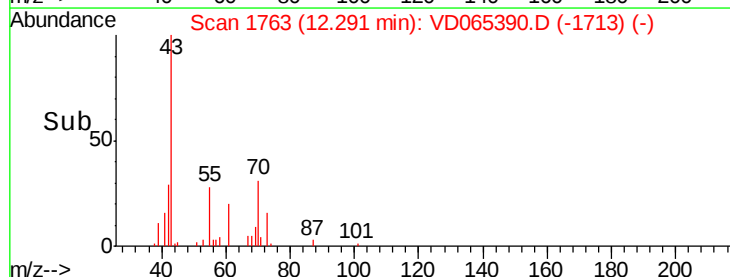
15000

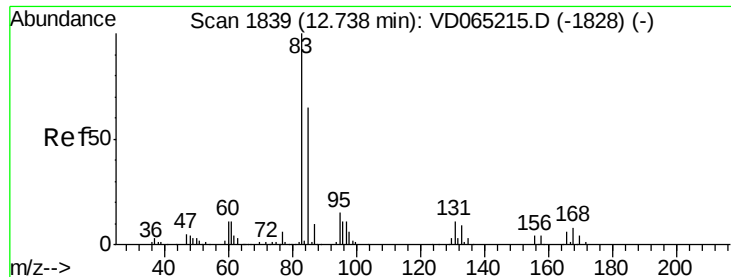
10000

5000

0

Time--> 12.20 12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 5.590 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

ClientSampleId :

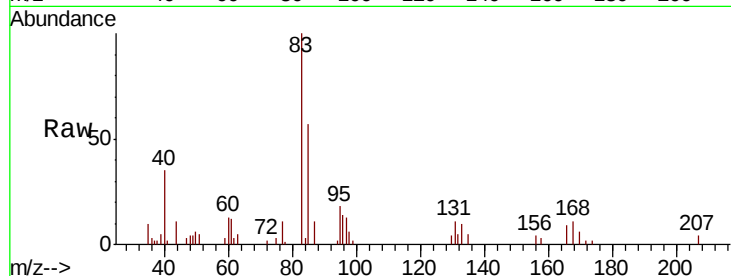
Tot Ion: 83 Resp: 19181

Ion Ratio Lower Upper

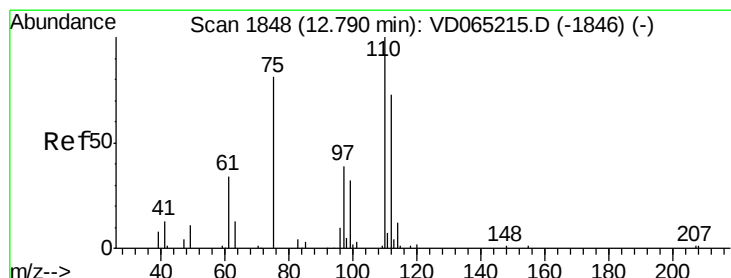
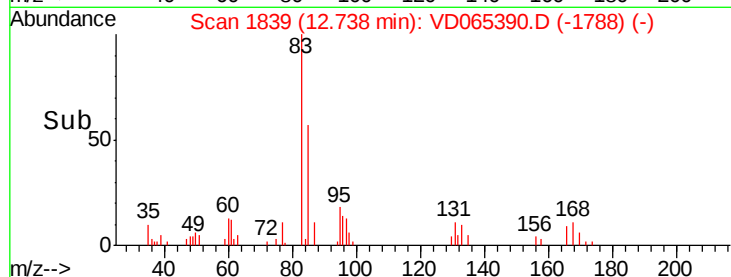
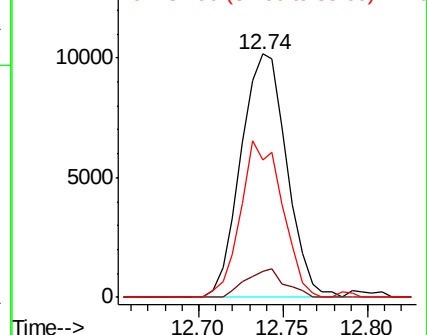
83 100

131 9.9 5.4 16.2

85 58.5 31.6 94.8



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: 9.702 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065390.D

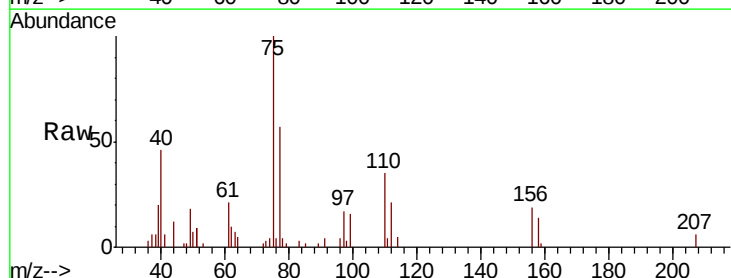
Acq: 03 Mar 2020 13:11

Tgt Ion: 75 Resp: 23704

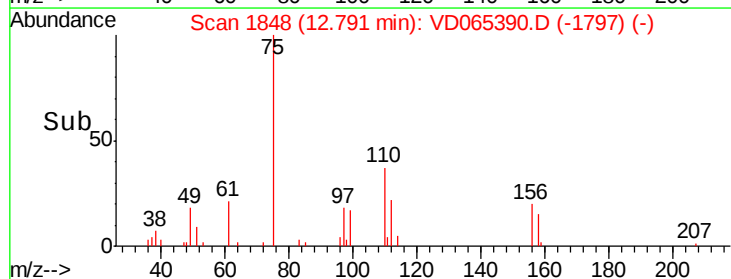
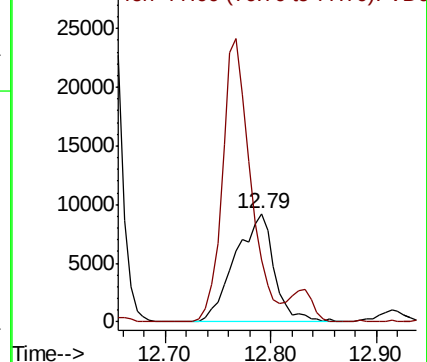
Ion Ratio Lower Upper

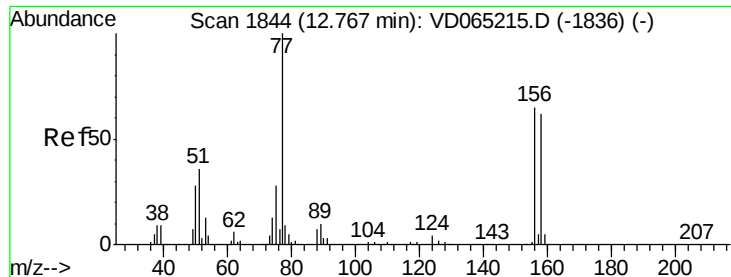
75 100

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: 5.410 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

ClientSampled :

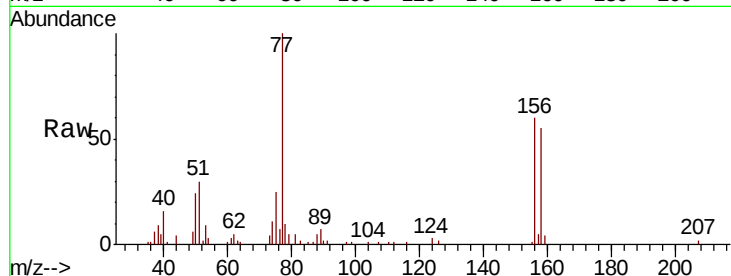
Tot Ion:156 Resp: 25541

Ion Ratio Lower Upper

156 100

77 175.1 86.6 259.7

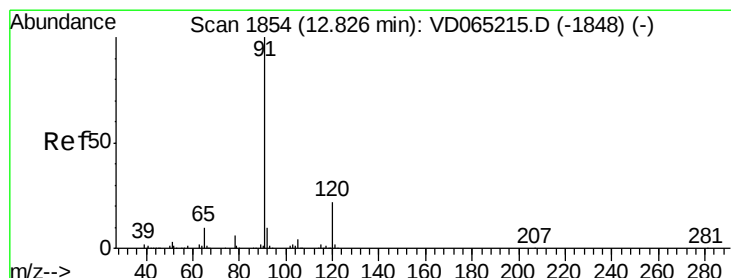
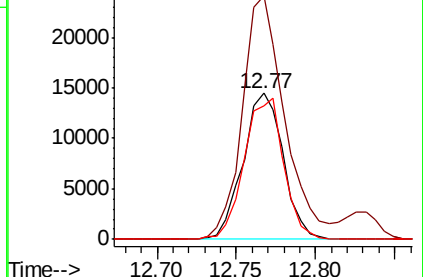
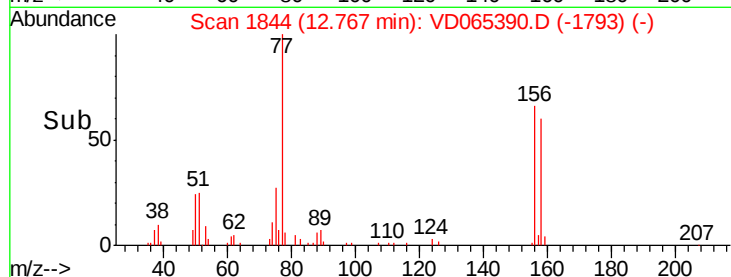
158 95.2 48.1 144.3



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: 5.029 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065390.D

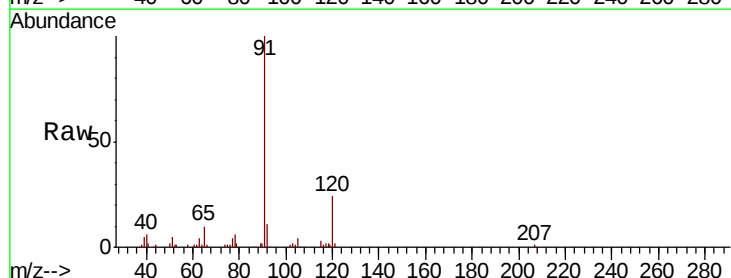
Acq: 03 Mar 2020 13:11

Tgt Ion: 91 Resp: 114895

Ion Ratio Lower Upper

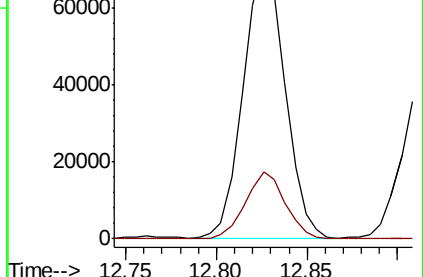
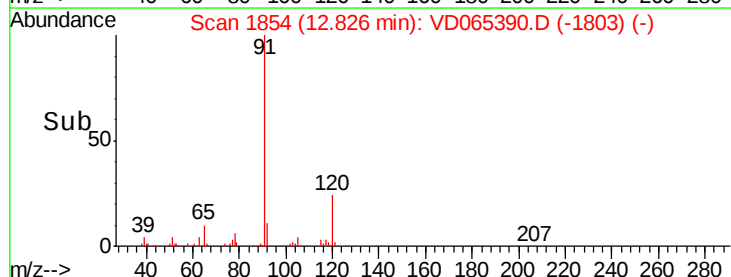
91 100

120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.291 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

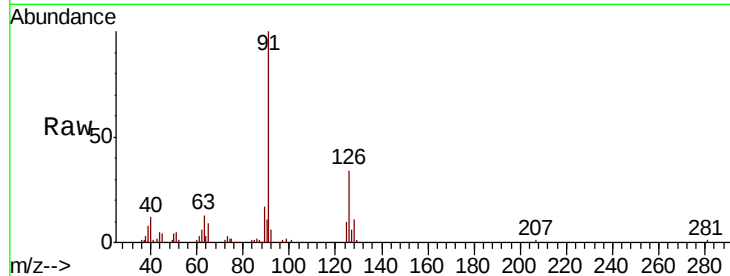
ClientSampled :

Tot Ion: 91 Resp: 67714

Ion Ratio Lower Upper

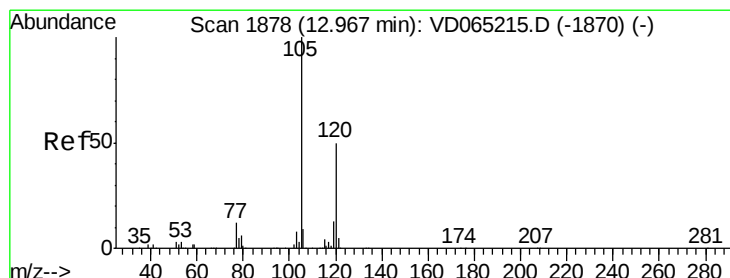
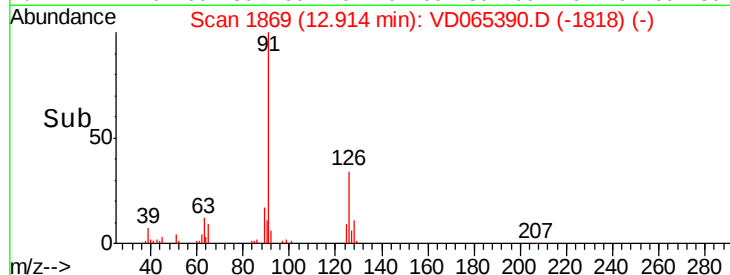
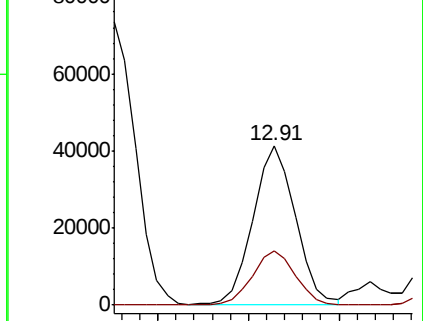
91 100

126 33.9 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.787 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065390.D

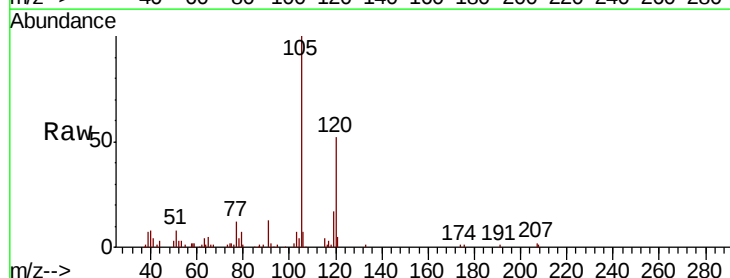
Acq: 03 Mar 2020 13:11

Tgt Ion: 105 Resp: 74959

Ion Ratio Lower Upper

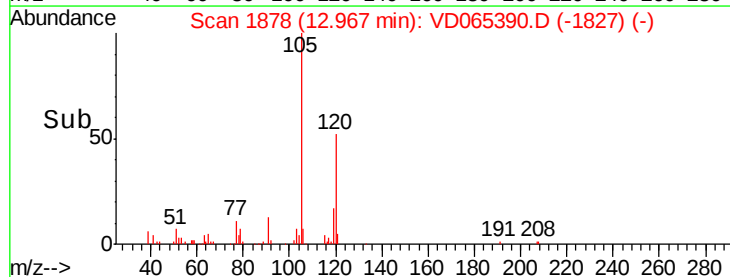
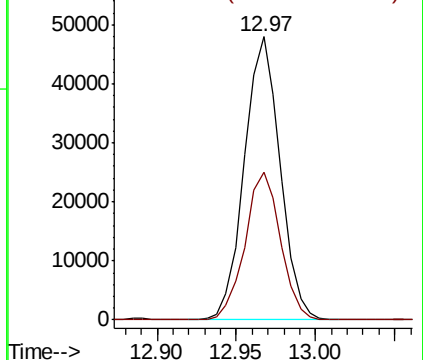
105 100

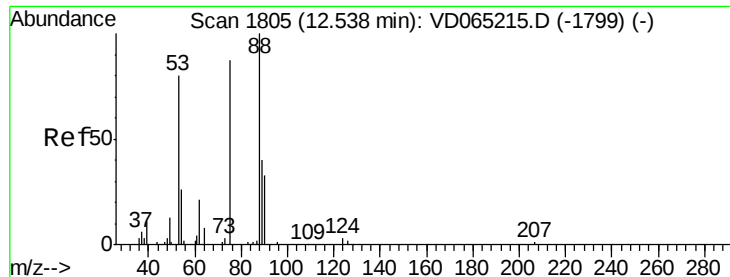
120 51.8 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.347 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065390.D

Acq: 03 Mar 2020 13:11

Instrument :

MSVOA\_D

ClientSampleId :

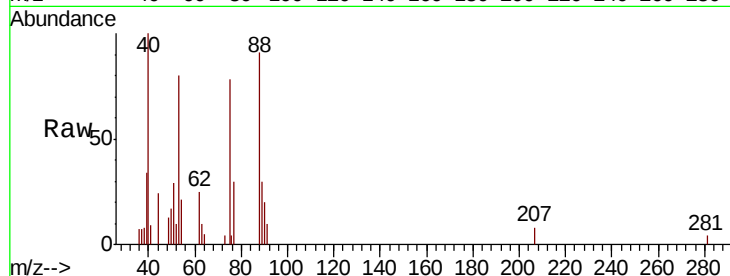
Tot Ion: 75 Resp: 4919

Ion Ratio Lower Upper

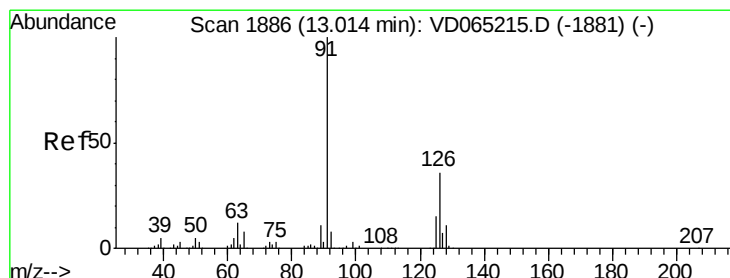
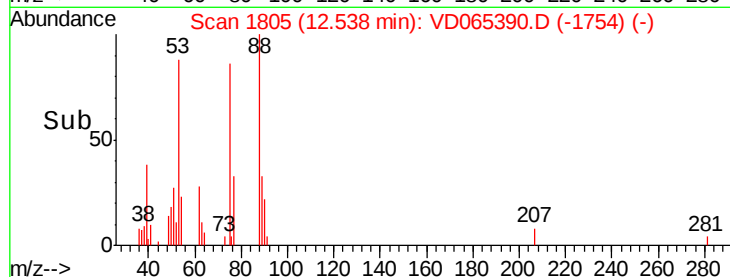
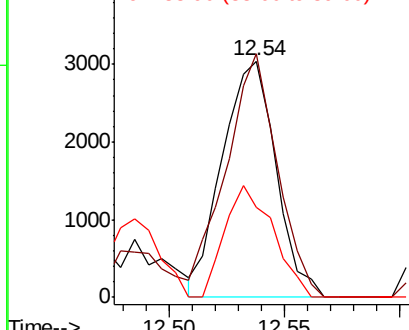
75 100

53 99.0 77.6 116.4

89 42.9 37.2 55.8



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: 5.171 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065390.D

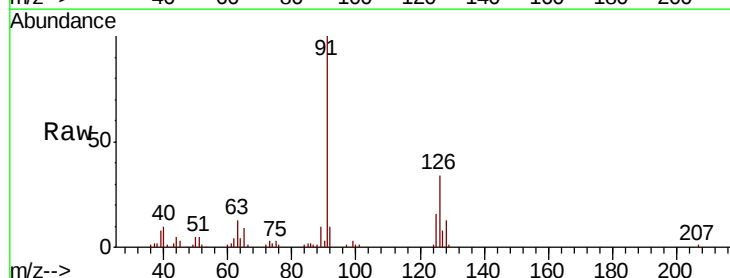
Acq: 03 Mar 2020 13:11

Tgt Ion: 91 Resp: 70257

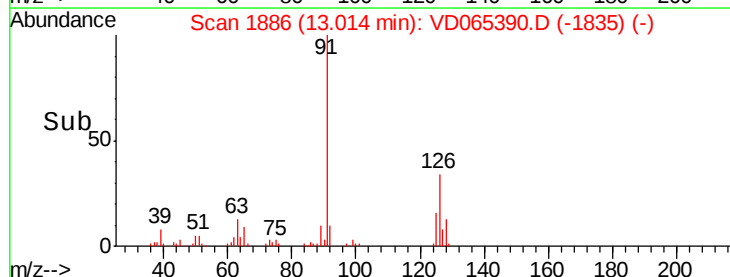
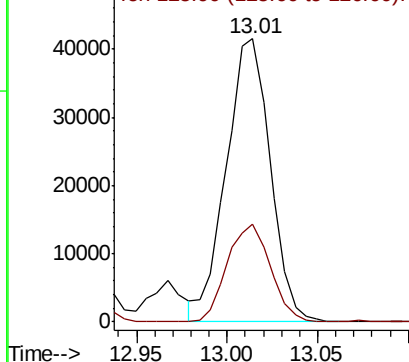
Ion Ratio Lower Upper

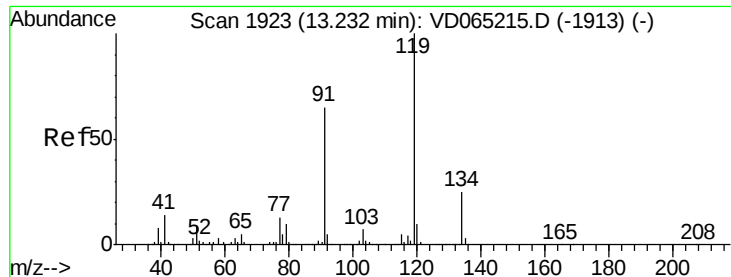
91 100

126 33.8 17.4 52.3



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

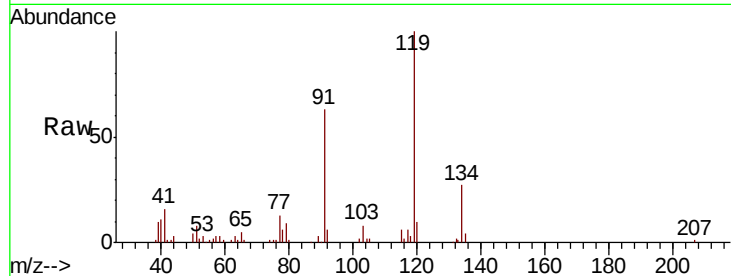




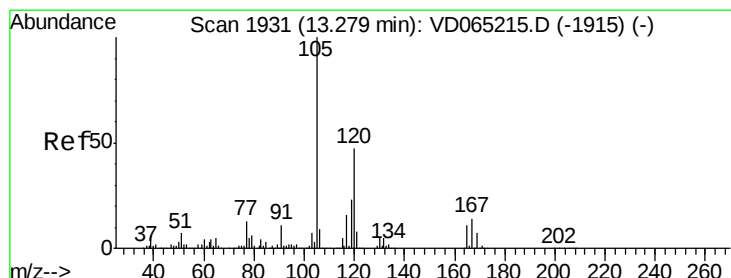
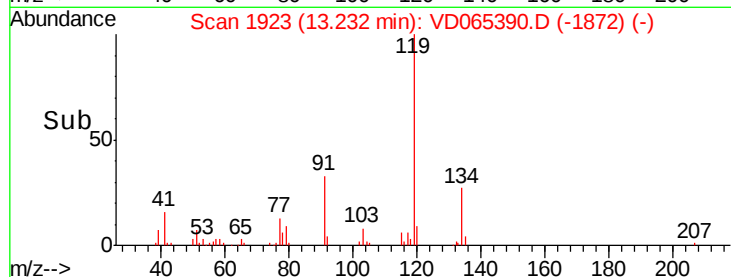
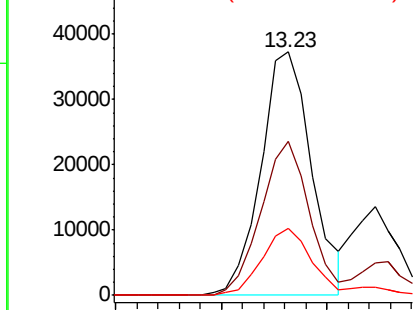
#83  
tert-Butylbenzene  
Concen: 4.754 ug/l  
RT: 13.23 min Scan# 1923  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:119 Resp: 62391  
Ion Ratio Lower Upper  
119 100  
91 60.3 31.9 95.5  
134 27.0 13.8 41.3

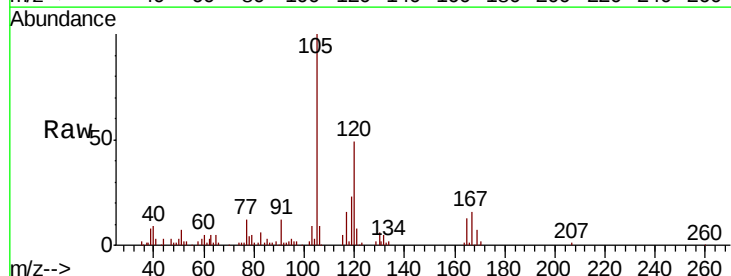


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

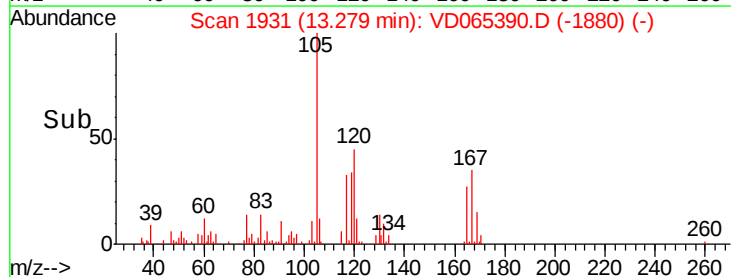
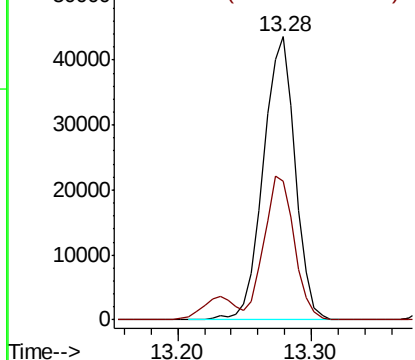


#84  
1,2,4-Trimethylbenzene  
Concen: 4.592 ug/l  
RT: 13.28 min Scan# 1931  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion:105 Resp: 71966  
Ion Ratio Lower Upper  
105 100  
120 48.2 23.3 69.9



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

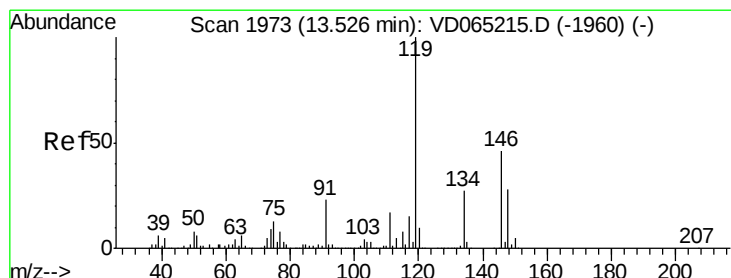
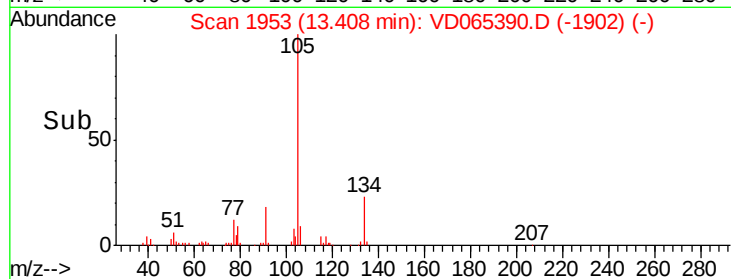
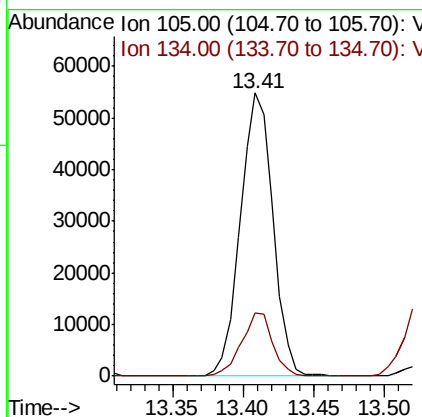
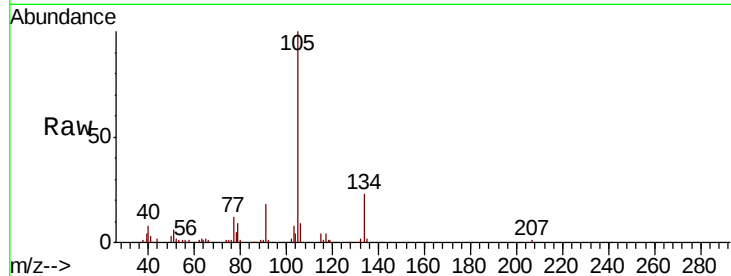




#85  
 sec-Butylbenzene  
 Concen: 4.681 ug/l  
 RT: 13.41 min Scan# 1953  
 Delta R.T. 0.00 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

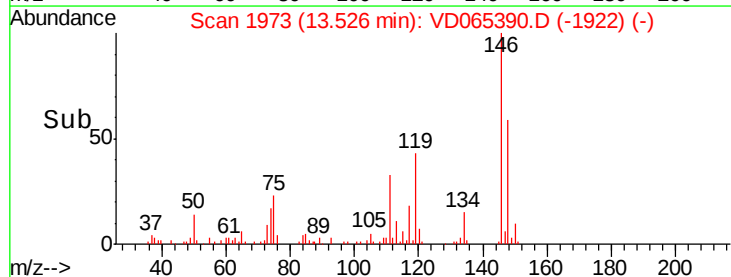
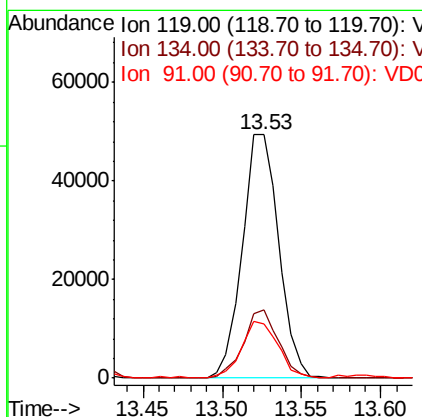
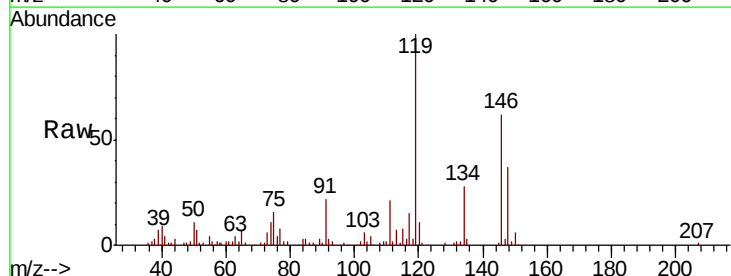
Instrument :  
 MSVOA\_D  
 ClientSampleId :

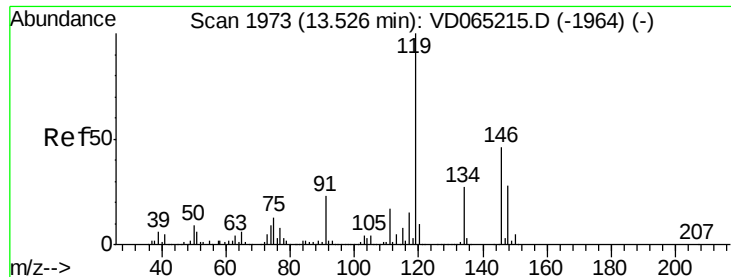
Tot Ion:105 Resp: 88529  
 Ion Ratio Lower Upper  
 105 100  
 134 21.5 10.3 30.9



#86  
 p-Isopropyltoluene  
 Concen: 4.565 ug/l  
 RT: 13.53 min Scan# 1973  
 Delta R.T. 0.00 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

Tgt Ion:119 Resp: 78951  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.3 39.8  
 91 23.1 11.1 33.1

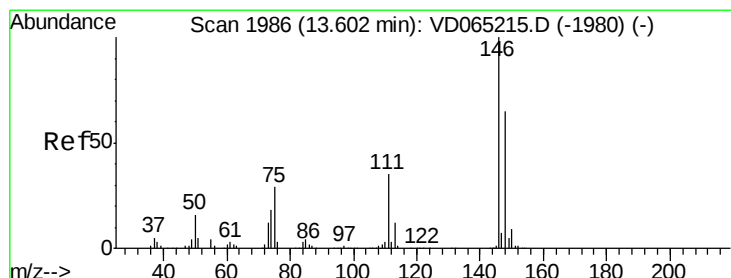
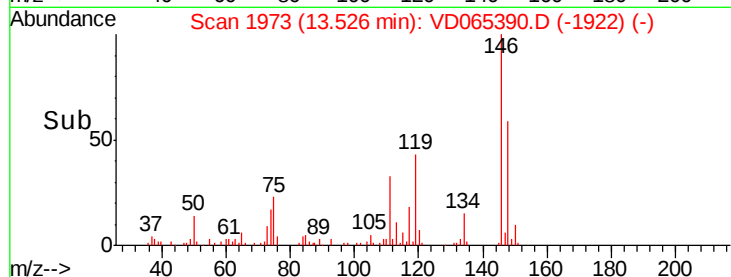
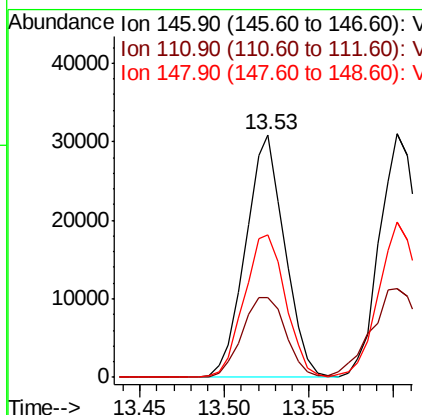
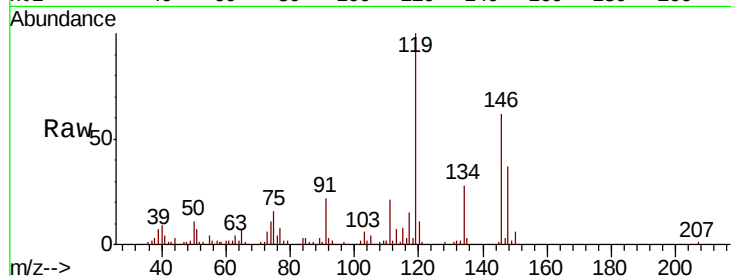




#87  
 1,3-Dichlorobenzene  
 Concen: 5.448 ug/l  
 RT: 13.53 min Scan# 1973  
 Delta R.T. 0.00 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

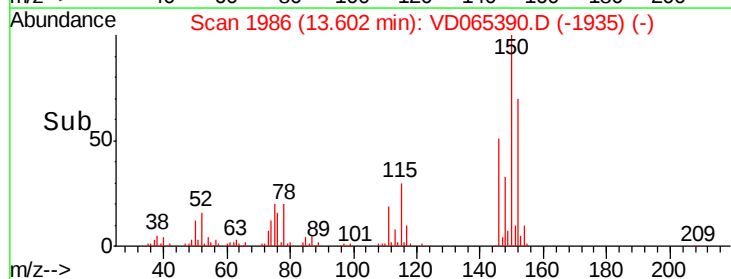
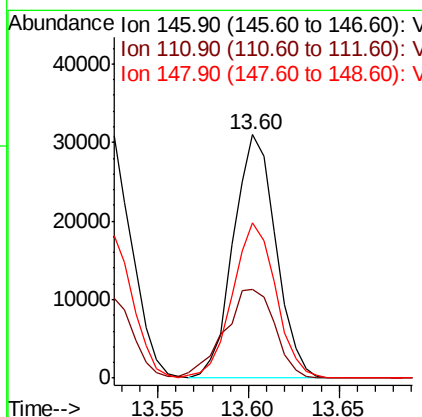
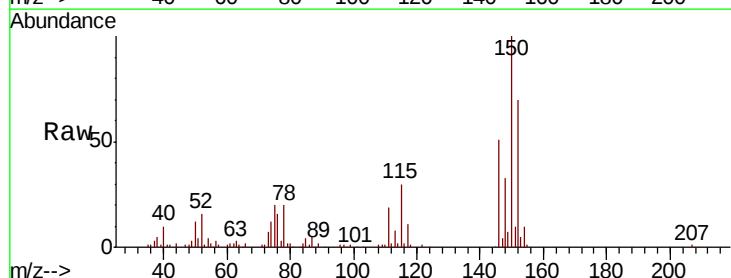
Instrument :  
 MSVOA\_D  
 ClientSampleId :

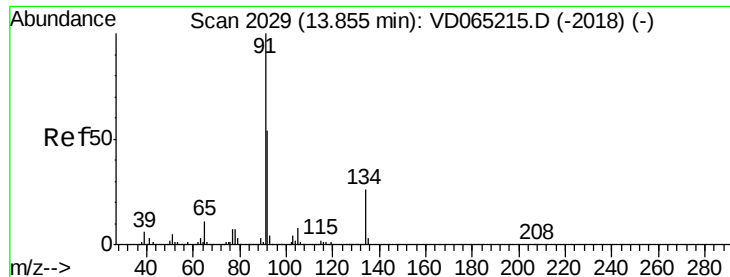
Tot Ion:146 Resp: 49723  
 Ion Ratio Lower Upper  
 146 100  
 111 36.8 18.6 55.8  
 148 62.2 31.4 94.3



#88  
 1,4-Dichlorobenzene  
 Concen: 5.593 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

Tgt Ion:146 Resp: 50378  
 Ion Ratio Lower Upper  
 146 100  
 111 43.7 18.4 55.2  
 148 65.2 32.1 96.5

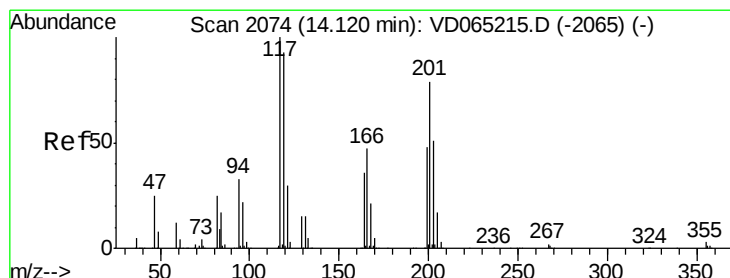
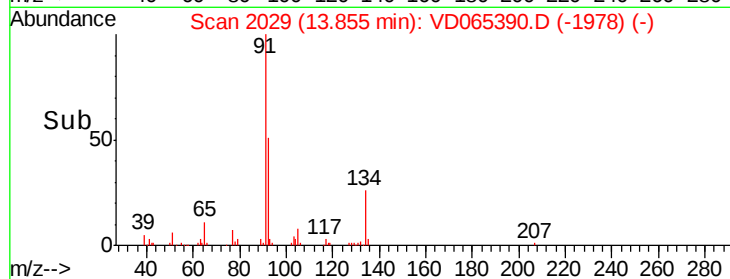
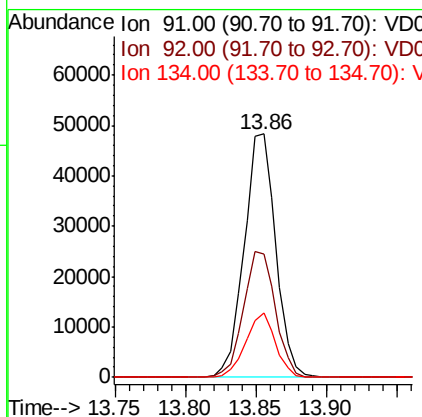
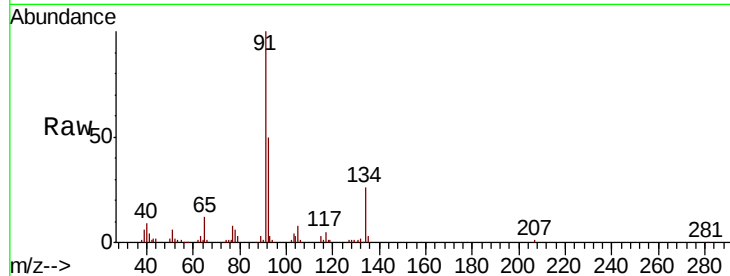




#89  
n-Butylbenzene  
Concen: 4.764 ug/l  
RT: 13.86 min Scan# 2029  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

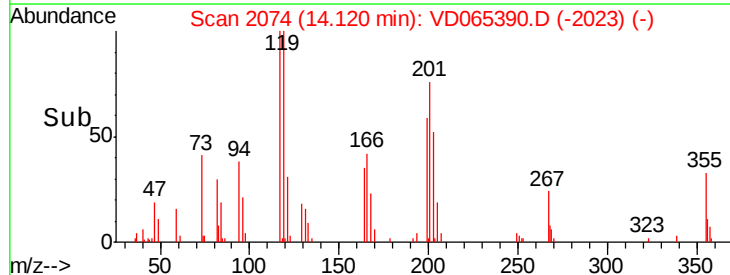
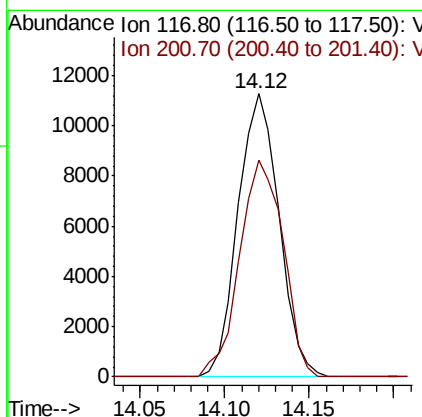
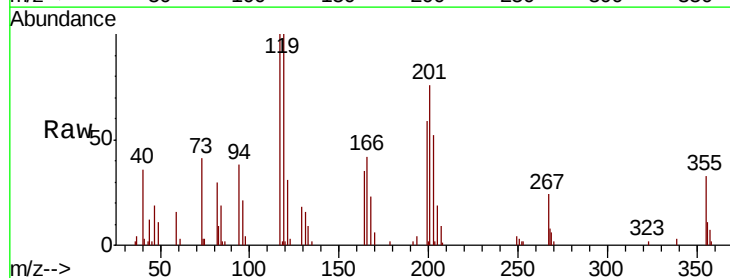
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 91 Resp: 75919  
Ion Ratio Lower Upper  
91 100  
92 52.0 27.0 80.8  
134 24.5 13.5 40.4



#90  
Hexachloroethane  
Concen: 5.429 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion: 117 Resp: 19063  
Ion Ratio Lower Upper  
117 100  
201 81.2 41.3 124.1

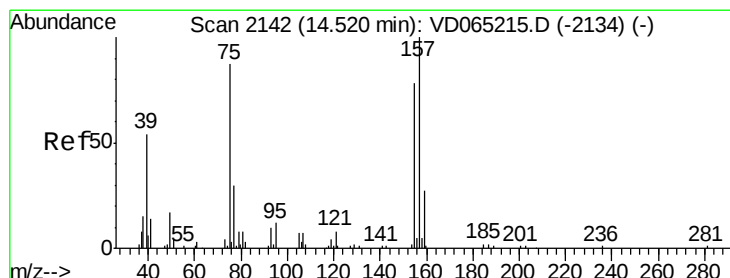
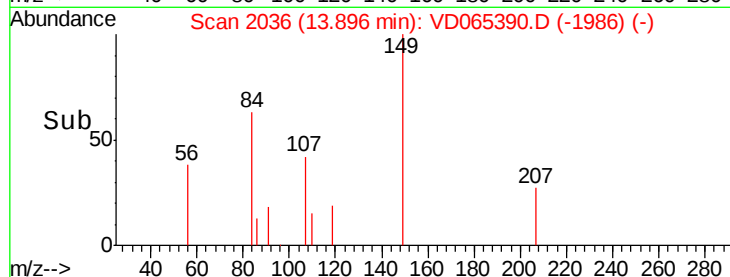
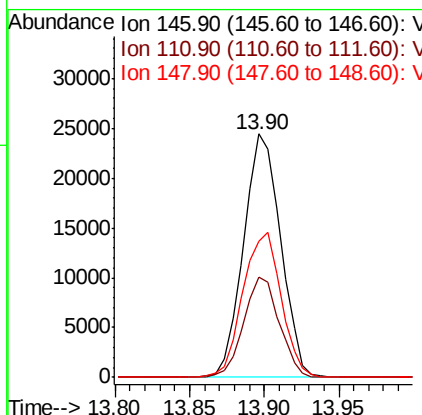
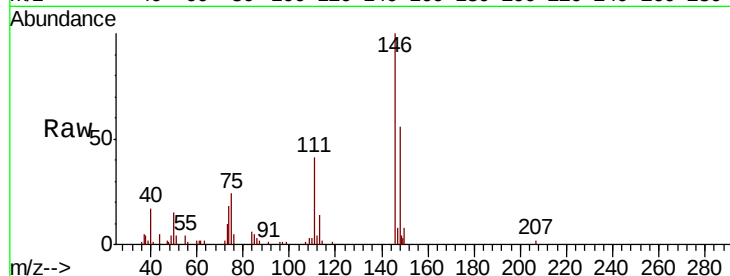




#91  
 1,2-Dichlorobenzene  
 Concen: 5.373 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. -0.01 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

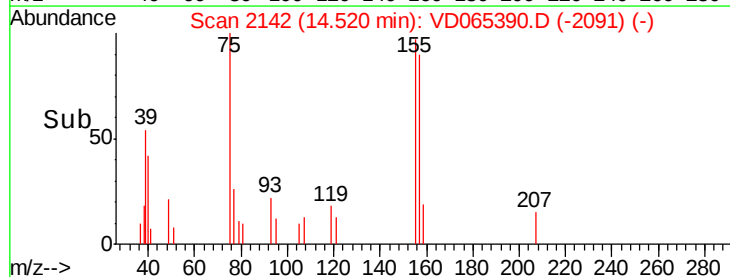
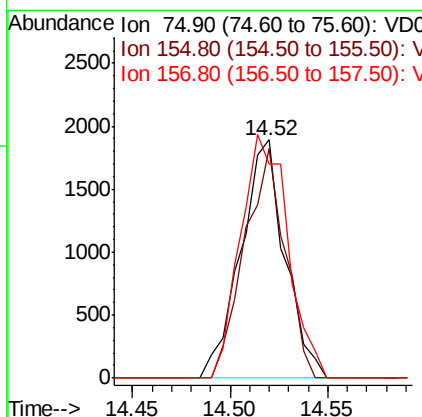
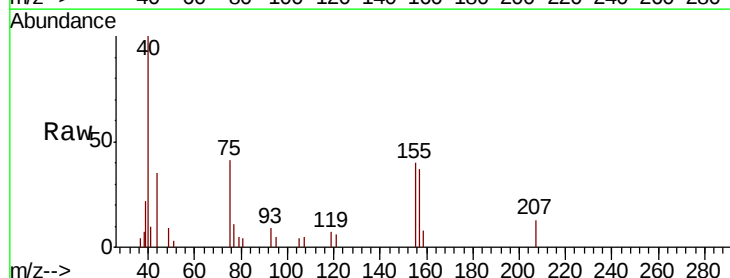
Instrument :  
 MSVOA\_D  
 ClientSampleId :

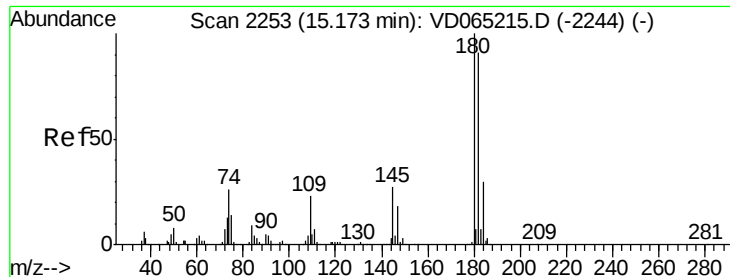
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.3  | 19.7  | 59.0  |
| 148     | 61.4  | 32.0  | 96.2  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 5.608 ug/l  
 RT: 14.52 min Scan# 2142  
 Delta R.T. 0.00 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 88.6  | 42.3  | 126.9 |
| 157     | 109.3 | 56.7  | 170.1 |

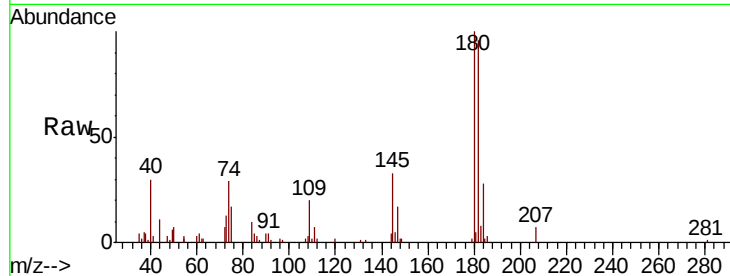




#93  
 1,2,4-Trichlorobenzene  
 Concen: 5.185 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. 0.00 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.5  | 46.9  | 140.6 |
| 145     | 30.5  | 13.9  | 41.7  |

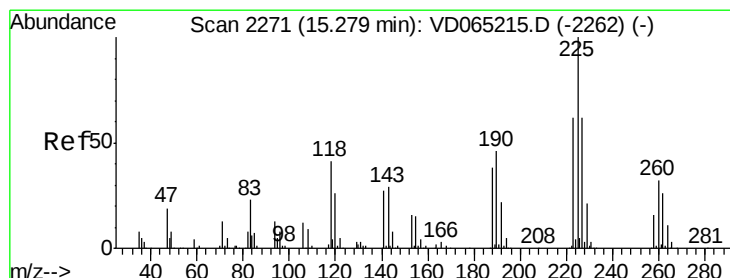
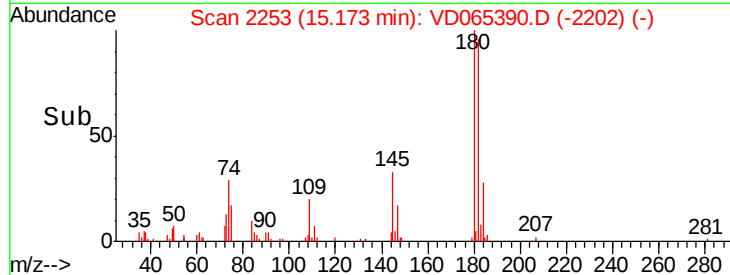
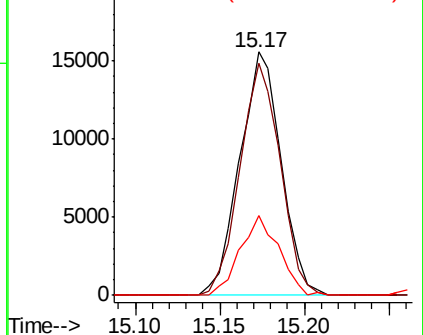


Abundance

Ion 179.80 (179.50 to 180.50): V

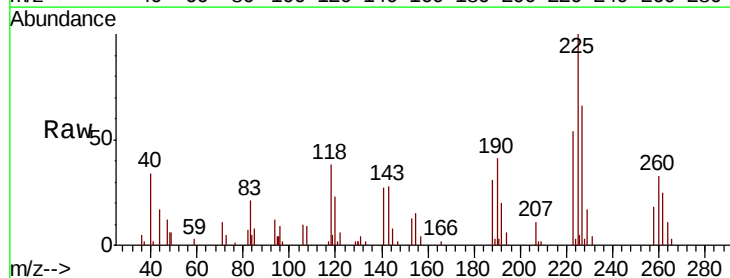
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 5.691 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. 0.00 min  
 Lab File: VD065390.D  
 Acq: 03 Mar 2020 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 57.7  | 31.4  | 94.2  |
| 227     | 67.6  | 31.7  | 95.1  |

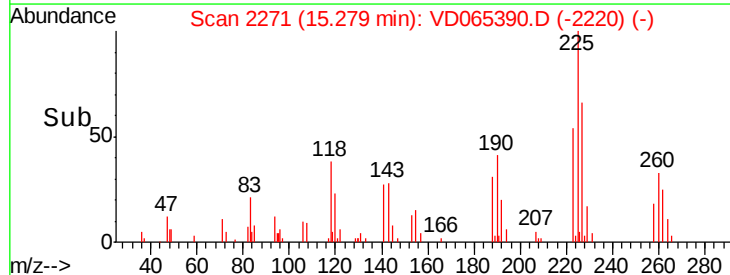
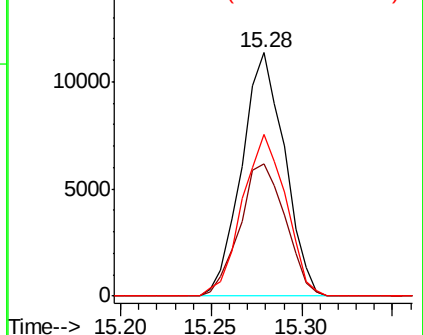


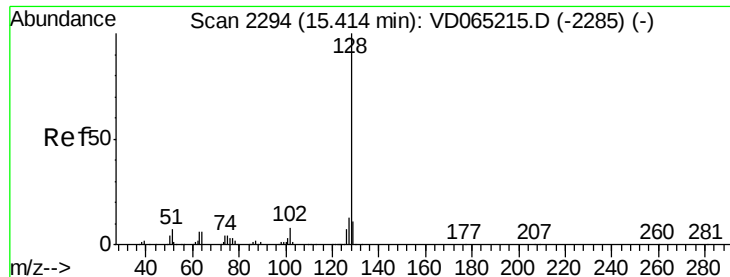
Abundance

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

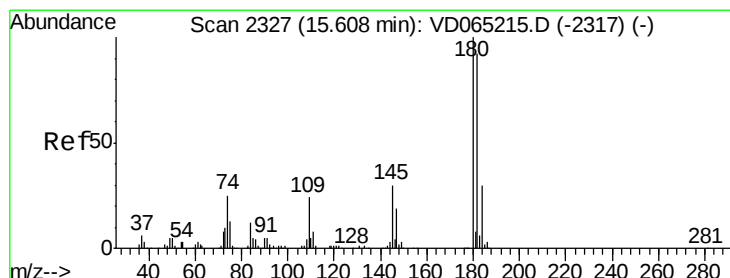
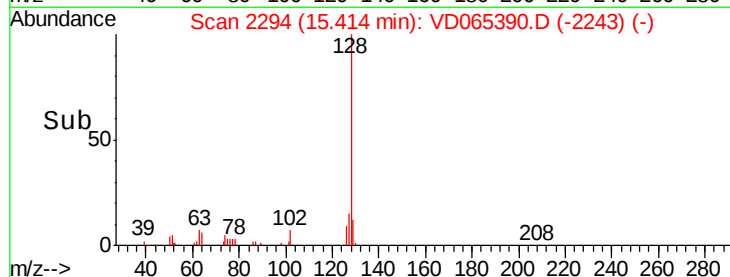
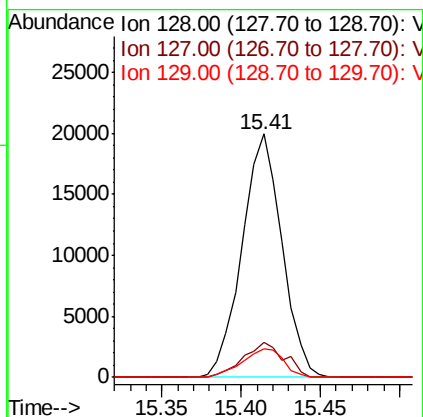
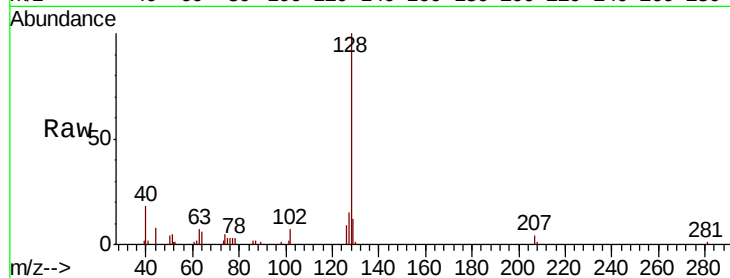




#95  
Naphthalene  
Concen: 4.183 ug/l  
RT: 15.41 min Scan# 2294  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:128 Resp: 34854  
Ion Ratio Lower Upper  
128 100  
127 14.8 10.3 15.5  
129 12.1 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 5.059 ug/l  
RT: 15.61 min Scan# 2327  
Delta R.T. 0.00 min  
Lab File: VD065390.D  
Acq: 03 Mar 2020 13:11

Tgt Ion:180 Resp: 22647  
Ion Ratio Lower Upper  
180 100  
182 93.5 46.9 140.6  
145 31.2 15.4 46.1

