

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042420\  
 Data File : VD065671.D  
 Acq On : 24 Apr 2020 12:06  
 Operator : VA/SY  
 Sample : VSTDIC005  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 24 14:04:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D042420S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 24 13:58:09 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 173744   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 255113   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 236625   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 120351   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |      |        |       |
|---------------------------|--------|-----|----------|------|--------|-------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 10385    | 5.76 | ug/l   | -0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 11.52% |       |
| 35) Dibromofluoromethane  | 7.92   | 113 | 9357     | 5.27 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 10.54% |       |
| 50) Toluene-d8            | 10.34  | 98  | 29442    | 4.75 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.50%  |       |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 9600     | 4.79 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.58%  |       |

## Target Compounds

|                               |      |     |       |        | Qvalue |    |
|-------------------------------|------|-----|-------|--------|--------|----|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 7513  | 4.820  | ug/l   | 93 |
| 3) Chloromethane              | 2.21 | 50  | 9627  | 4.933  | ug/l   | 95 |
| 4) Vinyl Chloride             | 2.35 | 62  | 11051 | 5.126  | ug/l   | 97 |
| 5) Bromomethane               | 2.77 | 94  | 7267  | 5.500  | ug/l   | 96 |
| 6) Chloroethane               | 2.93 | 64  | 6630  | 5.068  | ug/l   | 96 |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 16132 | 5.333  | ug/l   | 87 |
| 8) Diethyl Ether              | 3.71 | 74  | 4677  | 5.318  | ug/l   | 89 |
| 9) 1,1,2-Trichlorotrifluoroet | 4.08 | 101 | 9735  | 5.416  | ug/l   | 99 |
| 10) Methyl Iodide             | 4.29 | 142 | 4968  | 4.174  | ug/l # | 97 |
| 11) Tert butyl alcohol        | 5.26 | 59  | 1966  | 25.100 | ug/l # | 73 |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 9877  | 5.518  | ug/l   | 95 |
| 13) Acrolein                  | 3.92 | 56  | 3608  | 28.208 | ug/l   | 98 |
| 14) Allyl chloride            | 4.70 | 41  | 11183 | 4.764  | ug/l   | 99 |
| 15) Acrylonitrile             | 5.43 | 53  | 7034  | 21.788 | ug/l   | 98 |
| 16) Acetone                   | 4.16 | 43  | 13412 | 32.120 | ug/l # | 89 |
| 17) Carbon Disulfide          | 4.39 | 76  | 23889 | 5.070  | ug/l   | 98 |
| 18) Methyl Acetate            | 4.72 | 43  | 4619  | 5.128  | ug/l   | 93 |
| 19) Methyl tert-butyl Ether   | 5.49 | 73  | 12377 | 4.306  | ug/l   | 98 |
| 20) Methylene Chloride        | 4.95 | 84  | 9664  | 5.315  | ug/l   | 93 |
| 21) trans-1,2-Dichloroethene  | 5.46 | 96  | 7748  | 4.650  | ug/l   | 93 |
| 22) Diisopropyl ether         | 6.37 | 45  | 19192 | 4.043  | ug/l # | 91 |
| 23) Vinyl Acetate             | 6.31 | 43  | 41007 | 16.244 | ug/l # | 92 |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 15258 | 4.823  | ug/l   | 95 |
| 25) 2-Butanone                | 7.22 | 43  | 10460 | 23.755 | ug/l   | 92 |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 15776 | 5.356  | ug/l   | 97 |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 8484  | 4.777  | ug/l   | 93 |
| 28) Bromochloromethane        | 7.55 | 49  | 6827  | 5.257  | ug/l # | 98 |
| 29) Tetrahydrofuran           | 7.57 | 42  | 5559  | 21.246 | ug/l   | 95 |
| 30) Chloroform                | 7.71 | 83  | 17748 | 5.254  | ug/l   | 99 |
| 31) Cyclohexane               | 7.98 | 56  | 16642 | 5.574  | ug/l # | 79 |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 16188 | 5.270  | ug/l   | 98 |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 12817 | 4.762  | ug/l   | 99 |
| 37) Ethyl Acetate             | 7.30 | 43  | 5129  | 4.907  | ug/l # | 87 |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 15857 | 5.128  | ug/l   | 92 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042420\  
 Data File : VD065671.D  
 Acq On : 24 Apr 2020 12:06  
 Operator : VA/SY  
 Sample : VSTDIC005  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 24 14:04:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D042420S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 24 13:58:09 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 12482    | 4.510  | ug/l   | 90       |
| 40) Benzene                    | 8.35  | 78   | 35716    | 4.833  | ug/l   | 96       |
| 41) Methacrylonitrile          | 7.54  | 41   | 2604     | 4.784  | ug/l # | 87       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 11614    | 5.009  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 8483     | 4.452  | ug/l   | 94       |
| 44) Trichloroethene            | 9.11  | 130  | 10370    | 4.963  | ug/l   | 82       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 8972     | 4.765  | ug/l   | 90       |
| 46) Dibromomethane             | 9.48  | 93   | 4656     | 4.770  | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.67  | 83   | 13328    | 4.970  | ug/l # | 89       |
| 48) Methyl methacrylate        | 9.46  | 41   | 4352     | 4.703  | ug/l   | 90       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 783      | 77.028 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 20008    | 20.482 | ug/l   | 99       |
| 52) Toluene                    | 10.40 | 92   | 19429    | 4.330  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 10090    | 4.460  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 12332    | 4.500  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.81 | 97   | 6641     | 4.855  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 4885     | 3.829  | ug/l   | 93       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 10539    | 4.647  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 14147    | 20.702 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.99 | 43   | 13660    | 20.618 | ug/l   | 94       |
| 60) Dibromochloromethane       | 11.14 | 129  | 8981     | 4.918  | ug/l   | 95       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 5823     | 4.630  | ug/l   | 91       |
| 64) Tetrachloroethene          | 10.88 | 164  | 9039     | 4.968  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.67 | 112  | 25212    | 5.004  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 9749     | 5.008  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.75 | 91   | 35786    | 4.401  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.86 | 106  | 25968    | 8.197  | ug/l   | 97       |
| 69) o-Xylene                   | 12.18 | 106  | 11036    | 4.157  | ug/l   | 96       |
| 70) Styrene                    | 12.20 | 104  | 18956    | 3.943  | ug/l   | 97       |
| 71) Bromoform                  | 12.36 | 173  | 5196     | 4.773  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.48 | 105  | 30433    | 4.335  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.30 | 43   | 6928     | 4.378  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 7150     | 5.061  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 8905     | 8.361  | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 9343     | 4.805  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.83 | 91   | 37981    | 4.309  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 23223    | 4.543  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 24263    | 4.031  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 1754     | 4.111  | ug/l   | 87       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 24440    | 4.398  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 20742    | 4.279  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.28 | 105  | 23654    | 3.966  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 30448    | 4.271  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.53 | 119  | 27412    | 4.106  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene        | 13.53 | 146  | 18454    | 4.800  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.61 | 146  | 19596    | 5.031  | ug/l   | 89       |
| 89) n-Butylbenzene             | 13.86 | 91   | 28166    | 4.556  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.13 | 117  | 8149     | 5.178  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 16438    | 4.932  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 1088     | 4.935  | ug/l   | 98       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042420\  
Data File : VD065671.D  
Acq On : 24 Apr 2020 12:06  
Operator : VA/SY  
Sample : VSTDICC005  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 3 Sample Multiplier: 1

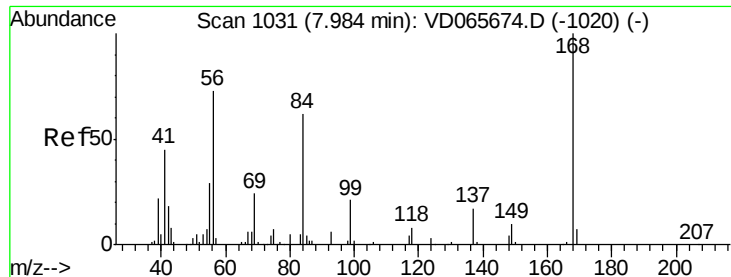
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Apr 24 14:04:23 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D042420S.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 24 13:58:09 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 9291     | 4.451 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 8109     | 5.018 | ug/l  | 97       |
| 95) Naphthalene            | 15.42 | 128  | 11870    | 4.119 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.61 | 180  | 8911     | 4.755 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

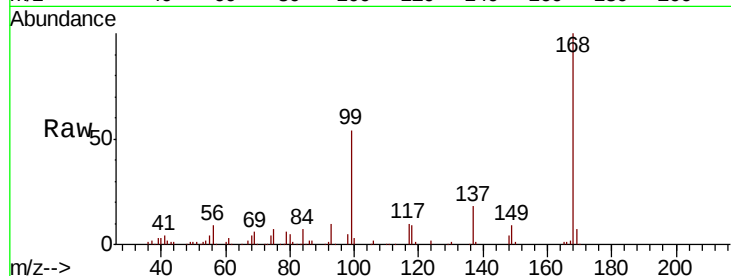
ClientSampleId :

Tot Ion:168 Resp: 173744

Ion Ratio Lower Upper

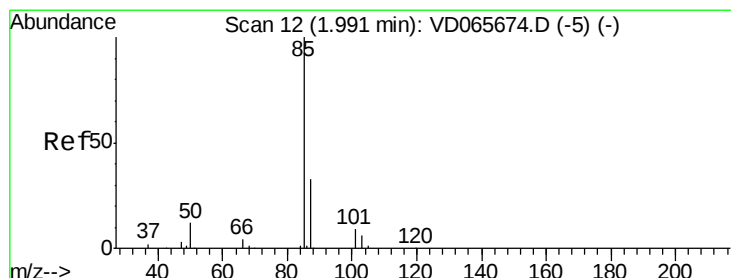
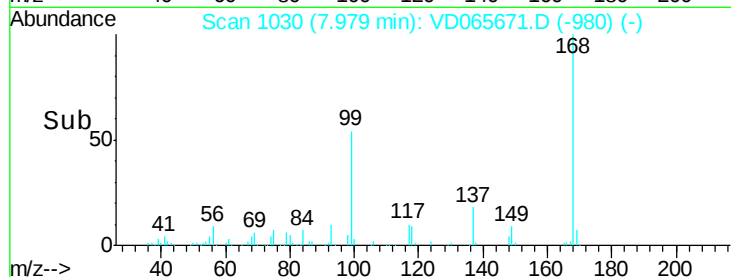
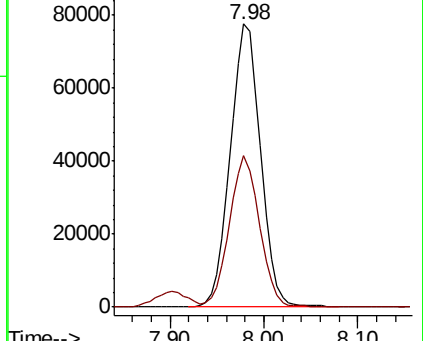
168 100

99 53.4 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 4.820 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD065671.D

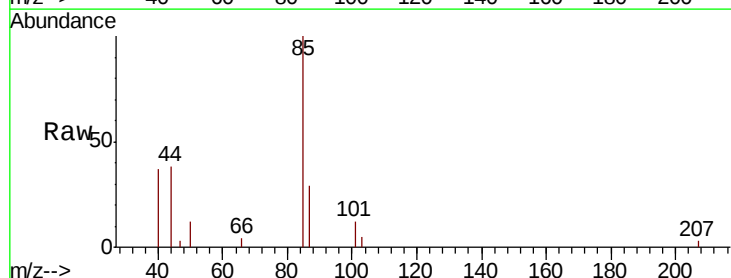
Acq: 24 Apr 2020 12:06

Tgt Ion: 85 Resp: 7513

Ion Ratio Lower Upper

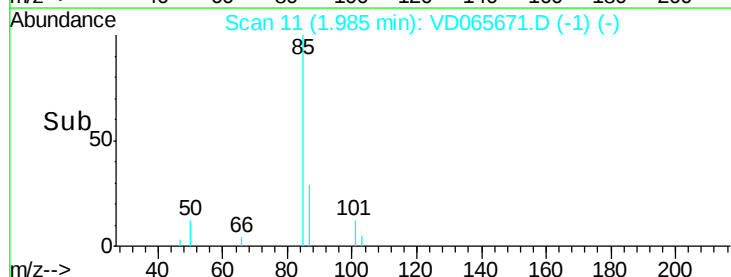
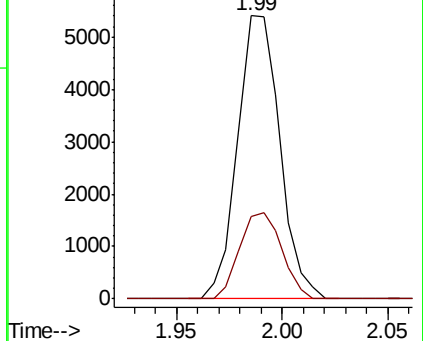
85 100

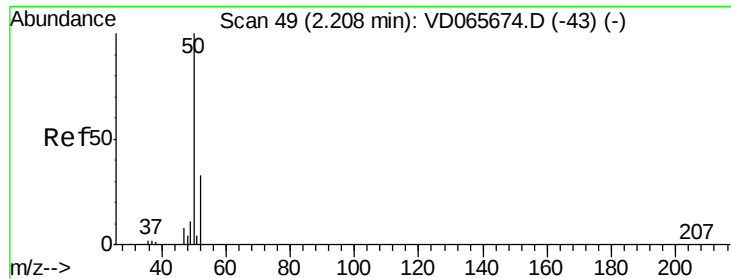
87 29.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 4.933 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

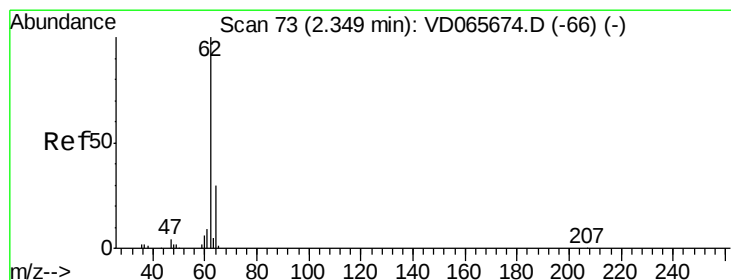
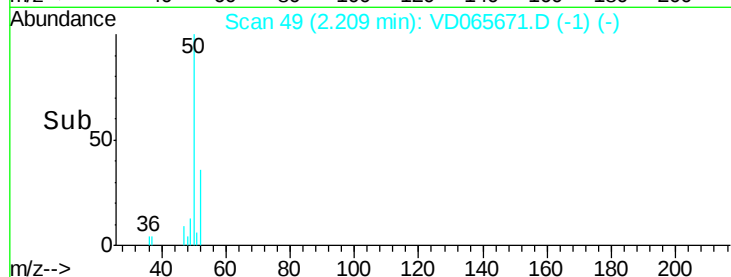
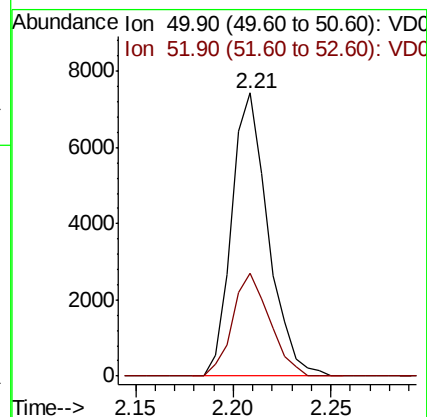
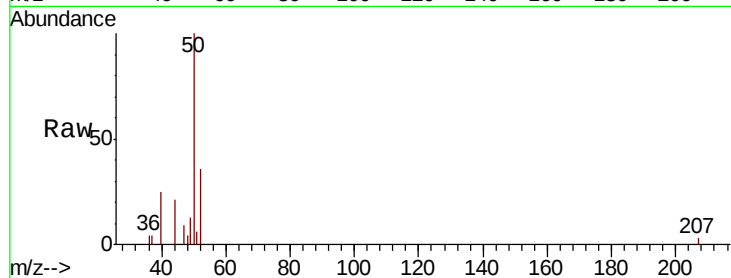
ClientSampleId :

Tot Ion: 50 Resp: 9627

Ion Ratio Lower Upper

50 100

52 36.2 26.5 39.7



#4

Vinyl Chloride

Concen: 5.126 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065671.D

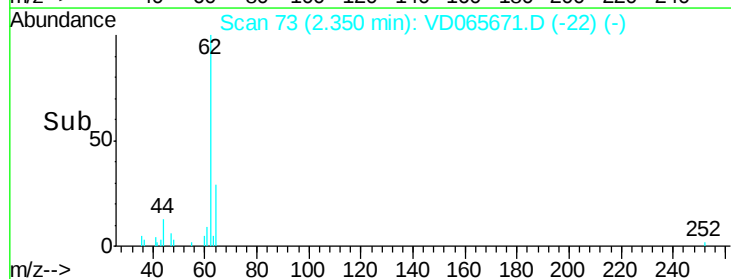
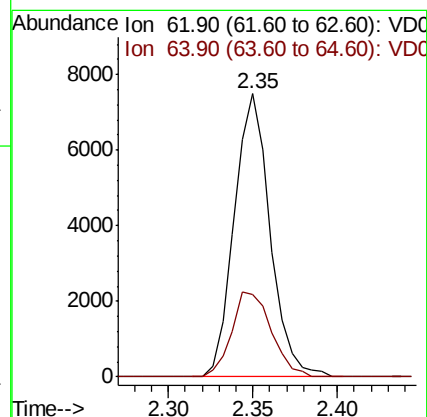
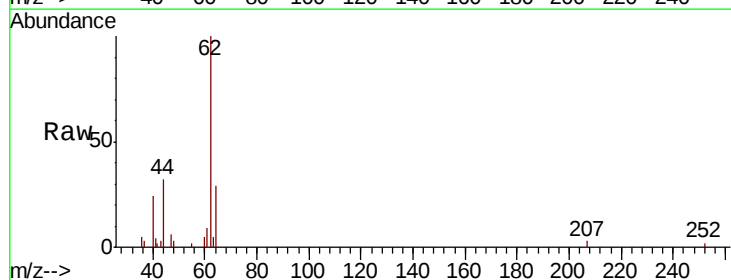
Acq: 24 Apr 2020 12:06

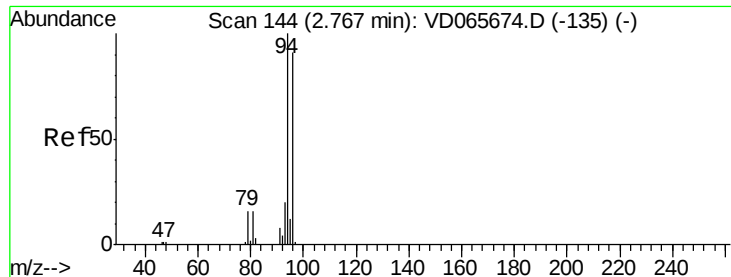
Tgt Ion: 62 Resp: 11051

Ion Ratio Lower Upper

62 100

64 29.0 24.3 36.5





#5

Bromomethane

Concen: 5.500 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

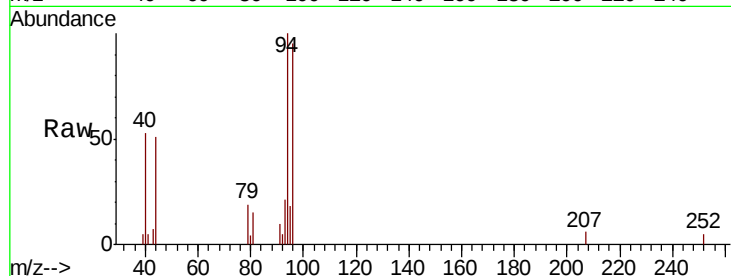
ClientSampled :

Tot Ion: 94 Resp: 7267

Ion Ratio Lower Upper

94 100

96 94.5 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

4000

3000

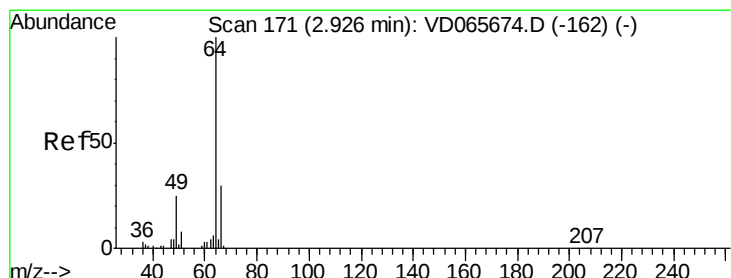
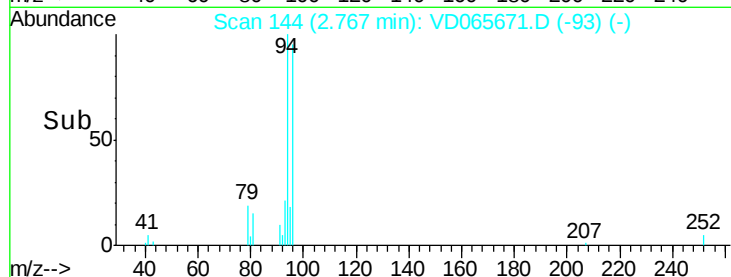
2000

1000

0

2.70 2.75 2.80 2.85

Time-->



#6

Chloroethane

Concen: 5.068 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065671.D

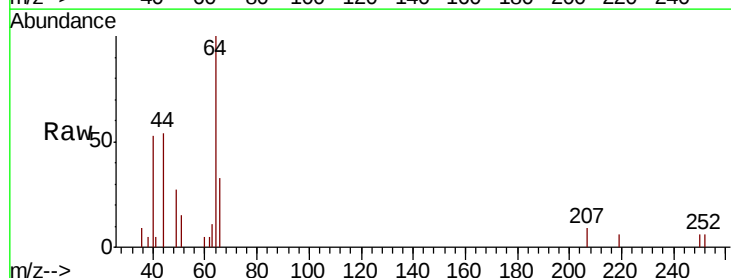
Acq: 24 Apr 2020 12:06

Tgt Ion: 64 Resp: 6630

Ion Ratio Lower Upper

64 100

66 32.8 24.3 36.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

4000

3000

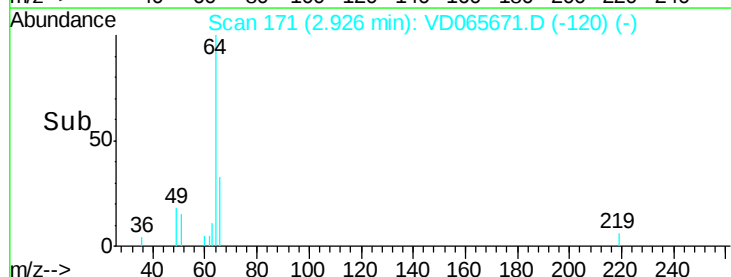
2000

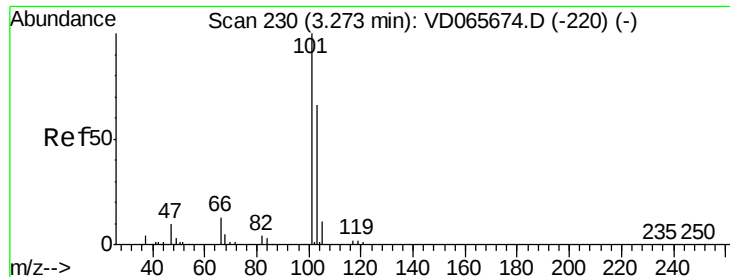
1000

0

2.85 2.90 2.95 3.00

Time-->



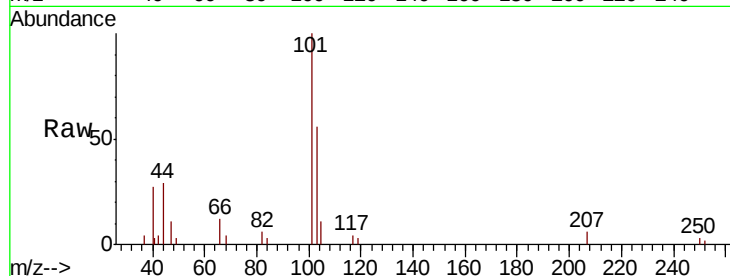


#7

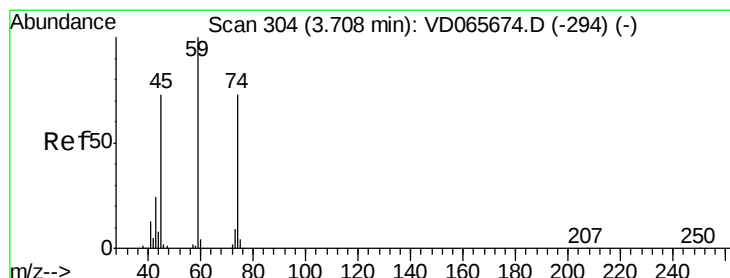
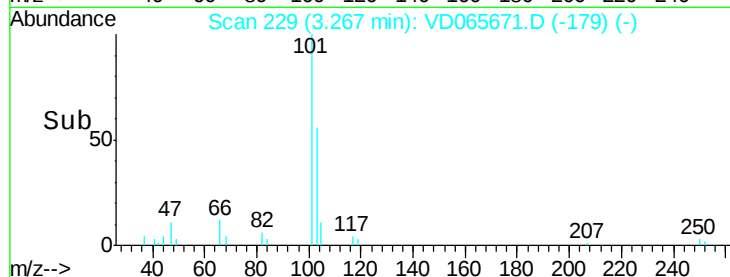
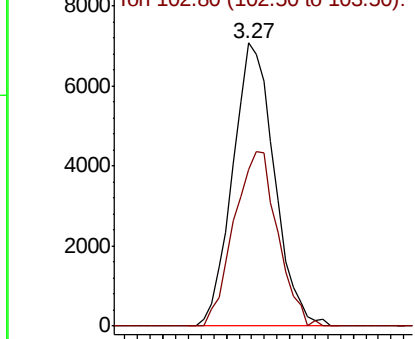
Trichlorofluoromethane  
 Concen: 5.333 ug/l  
 RT: 3.27 min Scan# 229  
 Delta R.T. -0.01 min  
 Lab File: VD065671.D  
 Acq: 24 Apr 2020 12:06

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:101 Resp: 16132  
 Ion Ratio Lower Upper  
 101 100  
 103 55.5 52.6 78.8



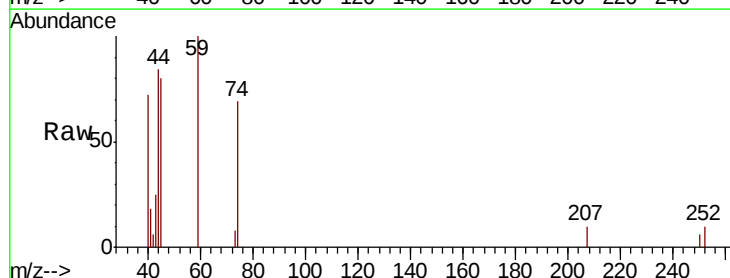
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



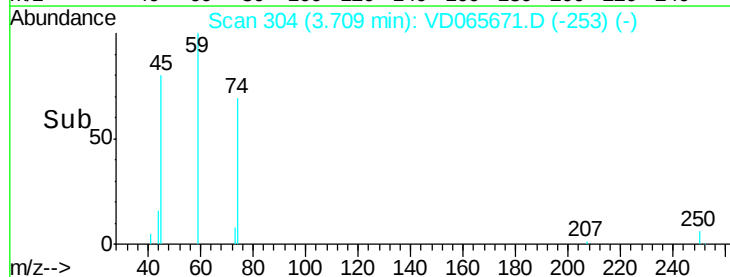
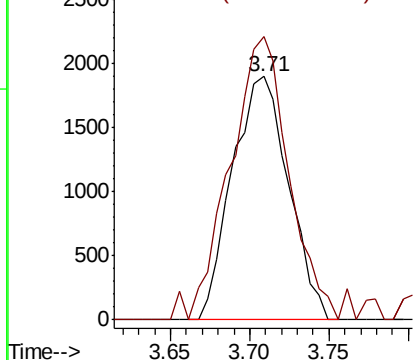
#8

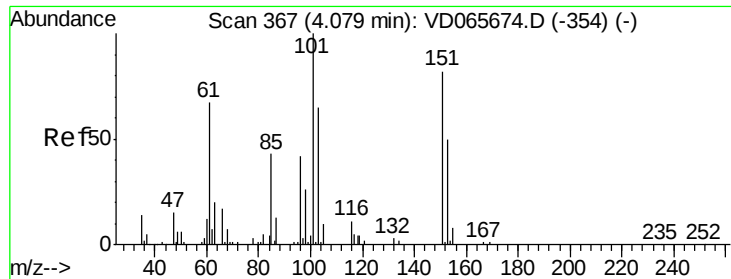
Diethyl Ether  
 Concen: 5.318 ug/l  
 RT: 3.71 min Scan# 304  
 Delta R.T. 0.00 min  
 Lab File: VD065671.D  
 Acq: 24 Apr 2020 12:06

Tgt Ion: 74 Resp: 4677  
 Ion Ratio Lower Upper  
 74 100  
 45 122.2 55.0 165.2



Abundance Ion 74.00 (73.70 to 74.70): VDC  
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.416 ug/l

RT: 4.08 min Scan# 367

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

ClientSampleId :

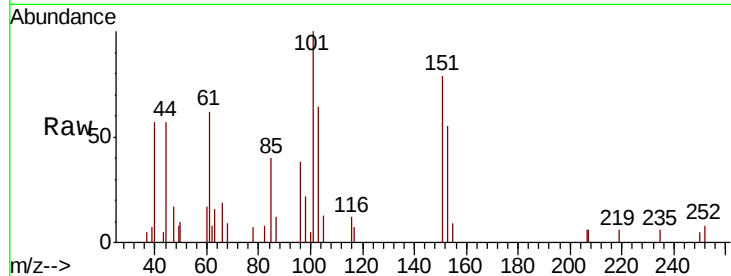
Tot Ion:101 Resp: 9735

Ion Ratio Lower Upper

101 100

85 43.9 35.1 52.7

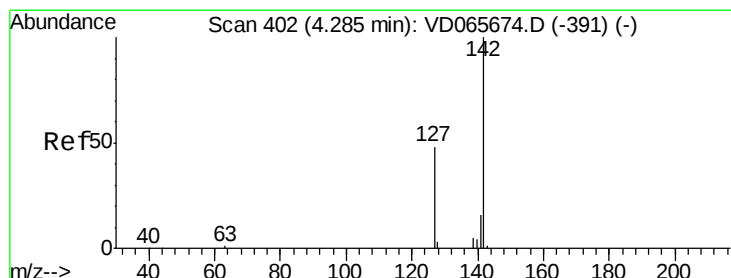
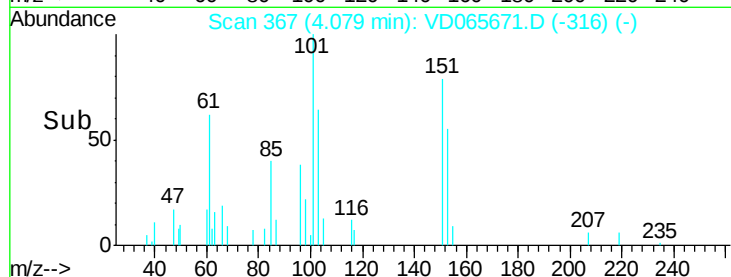
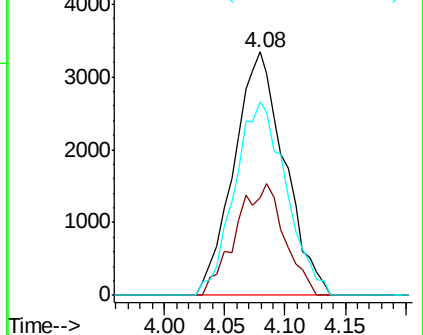
151 81.0 64.1 96.1



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: 4.174 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.01 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

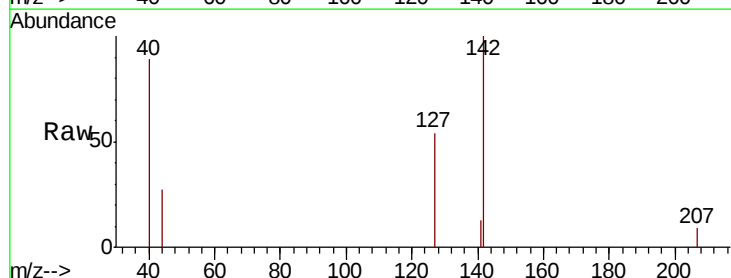
Tgt Ion:142 Resp: 4968

Ion Ratio Lower Upper

142 100

127 49.1 39.0 58.4

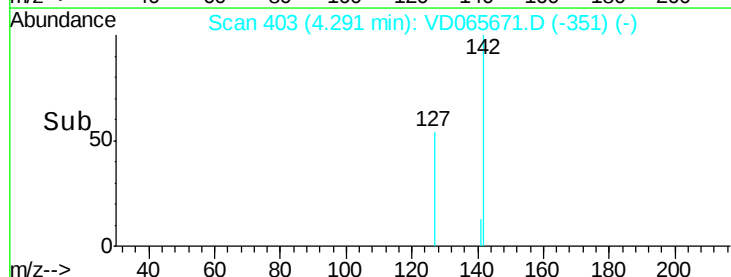
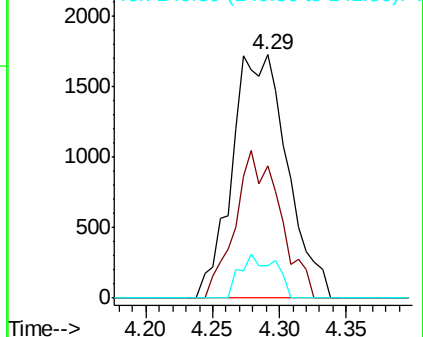
141 11.4 12.4 18.6#

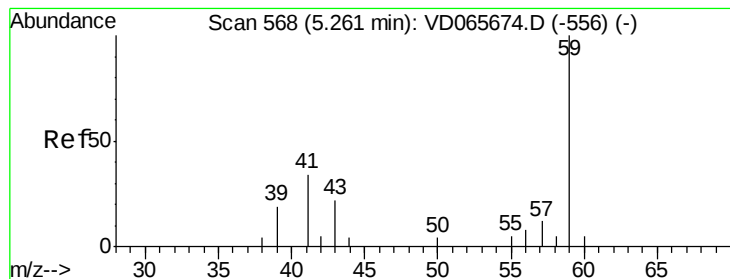


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



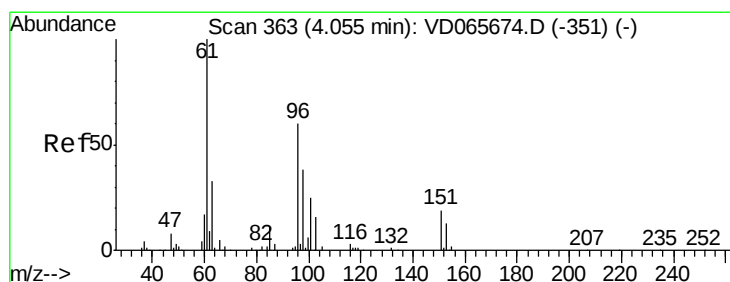
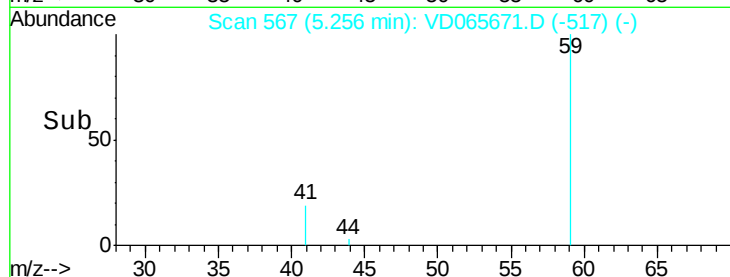
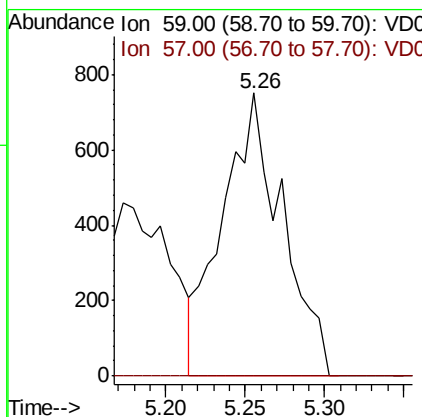
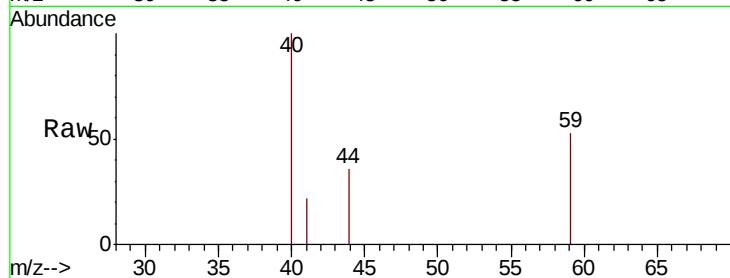


#11

Tert butyl alcohol  
 Concen: 25.100 ug/l  
 RT: 5.26 min Scan# 567  
 Delta R.T. -0.01 min  
 Lab File: VD065671.D  
 Acq: 24 Apr 2020 12:06

Instrument :  
 MSVOA\_D  
 ClientSampleId :

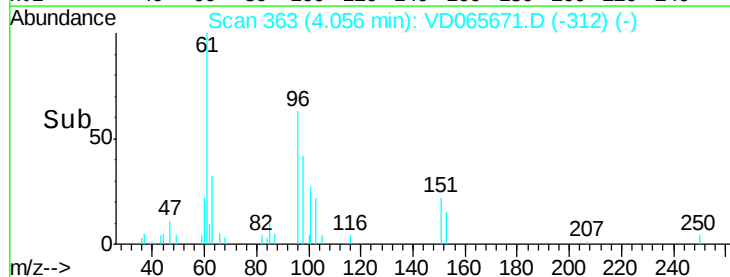
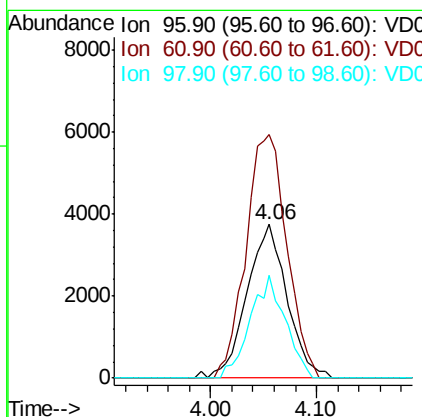
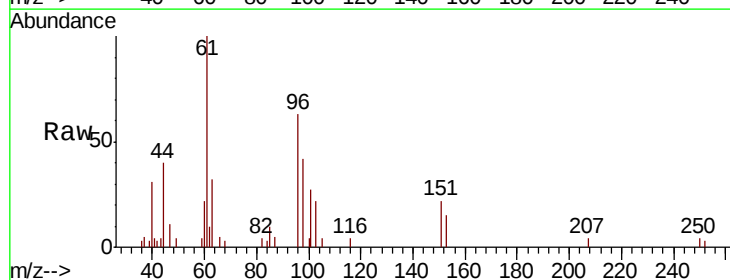
Tot Ion: 59 Resp: 1966  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.0 12.0#

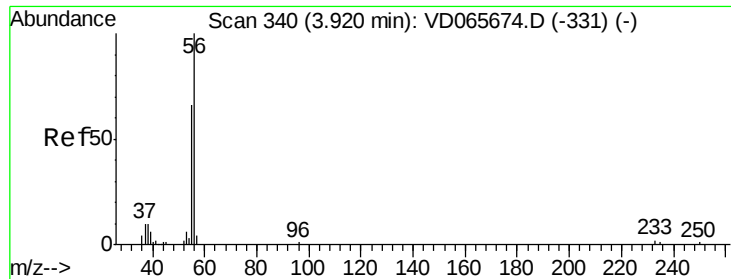


#12

1,1-Dichloroethene  
 Concen: 5.518 ug/l  
 RT: 4.06 min Scan# 363  
 Delta R.T. 0.00 min  
 Lab File: VD065671.D  
 Acq: 24 Apr 2020 12:06

Tgt Ion: 96 Resp: 9877  
 Ion Ratio Lower Upper  
 96 100  
 61 158.7 132.8 199.2  
 98 67.4 50.7 76.1





#13

Acrolein

Concen: 28.208 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

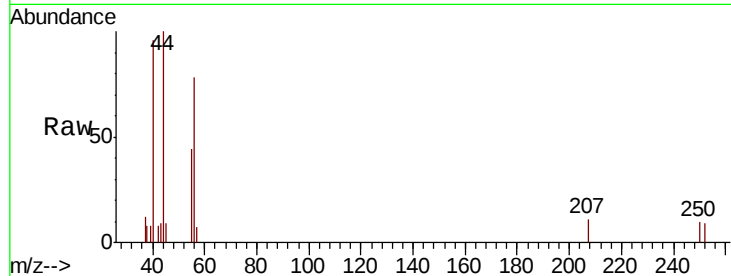
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 56 Resp: 3608

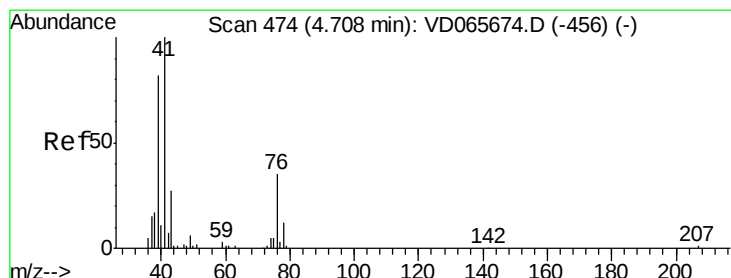
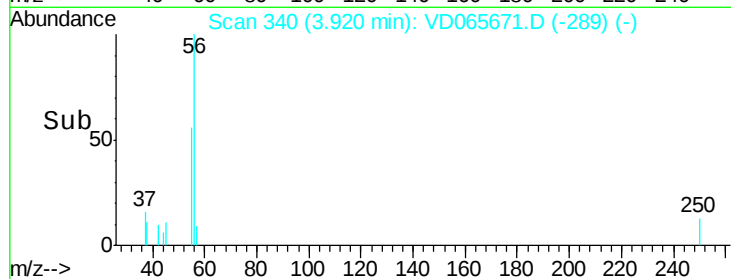
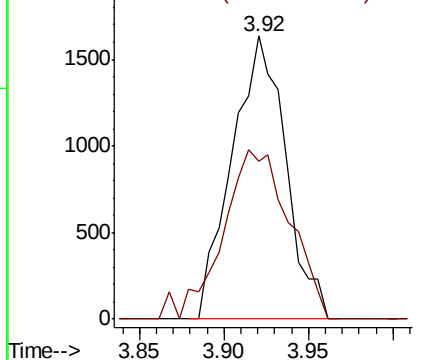
Ion Ratio Lower Upper

56 100

55 75.0 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 4.764 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

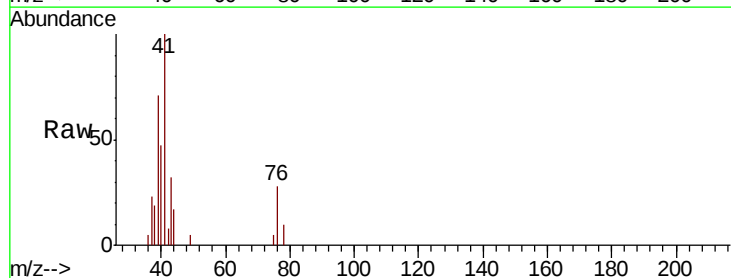
Tgt Ion: 41 Resp: 11183

Ion Ratio Lower Upper

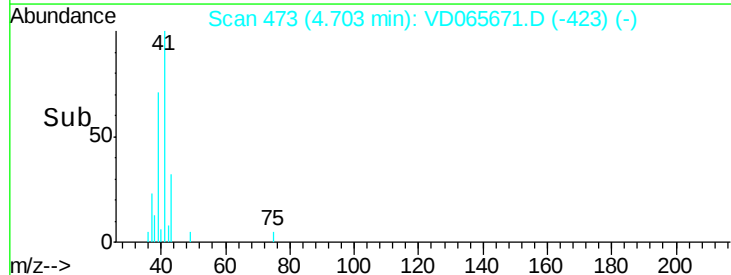
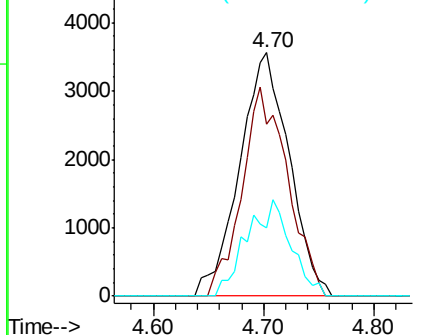
41 100

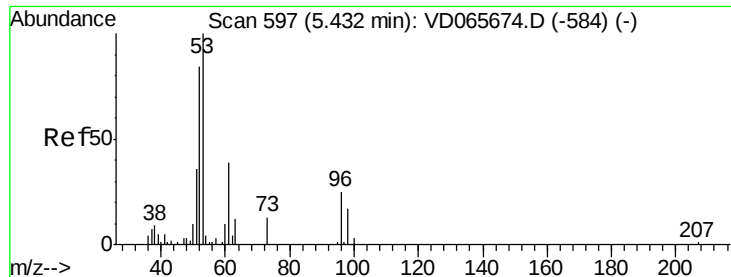
39 78.8 63.3 94.9

76 35.3 27.8 41.8



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: 21.788 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

ClientSampled :

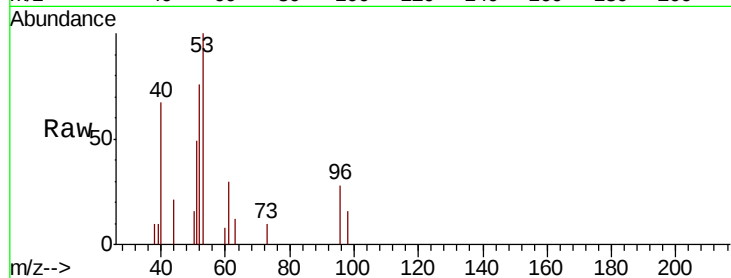
Tot Ion: 53 Resp: 7034

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.4

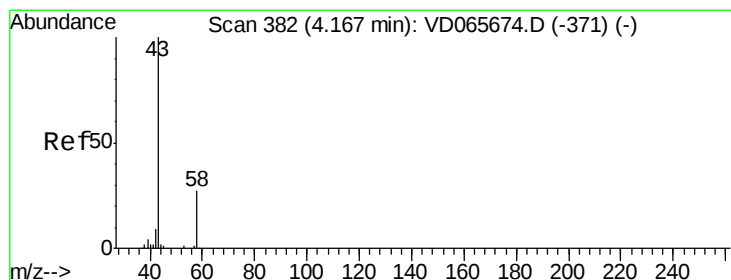
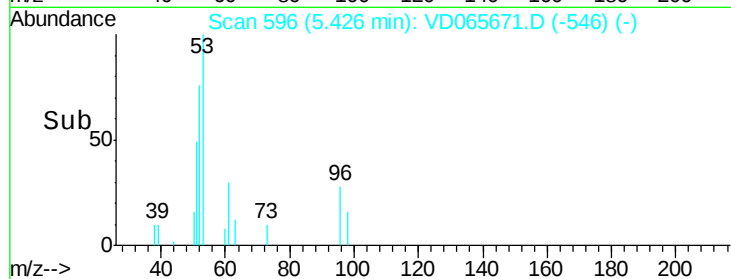
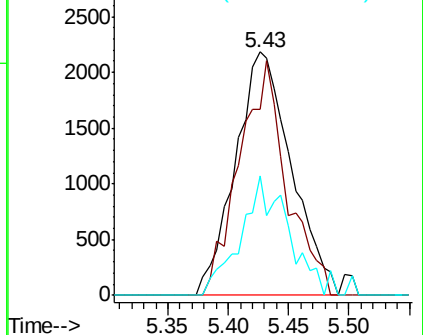
51 42.1 32.0 48.0



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: 32.120 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD065671.D

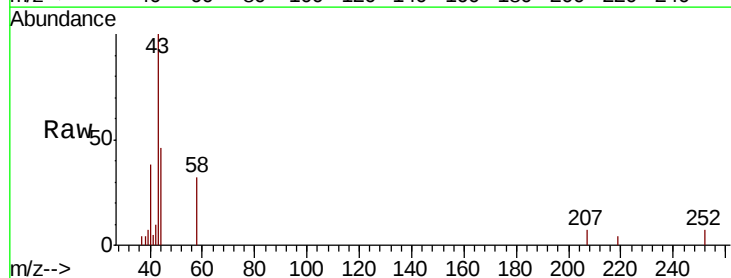
Acq: 24 Apr 2020 12:06

Tgt Ion: 43 Resp: 13412

Ion Ratio Lower Upper

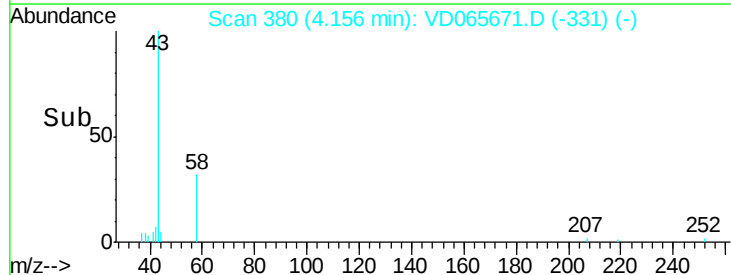
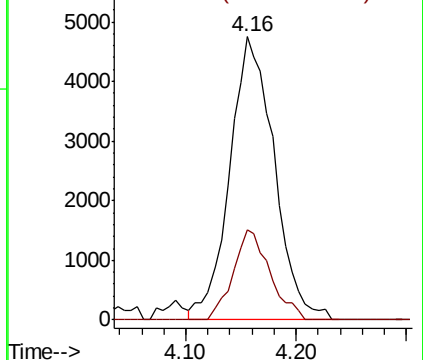
43 100

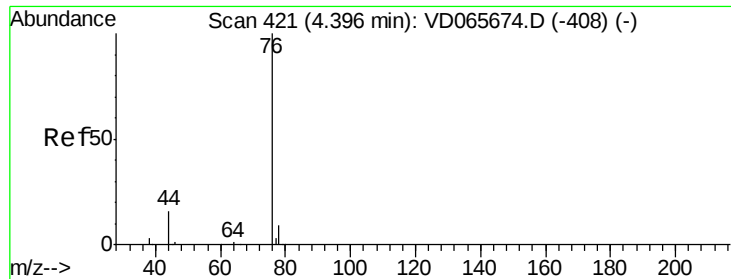
58 32.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

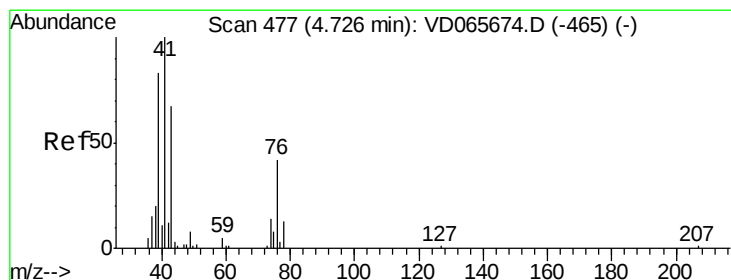
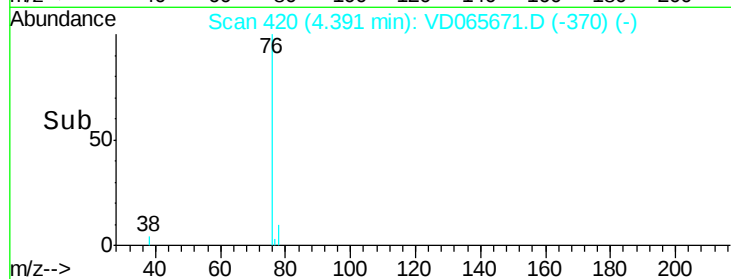
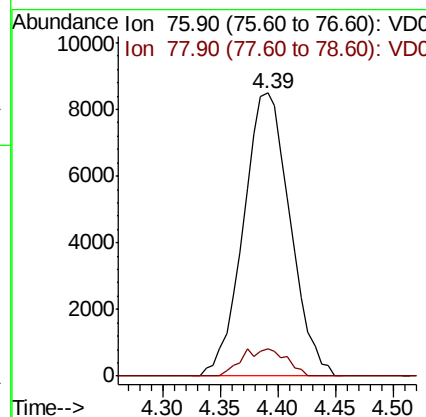
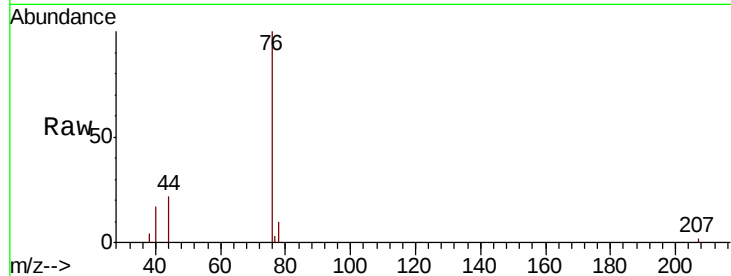




#17  
Carbon Disulfide  
Concen: 5.070 ug/l  
RT: 4.39 min Scan# 420  
Delta R.T. -0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

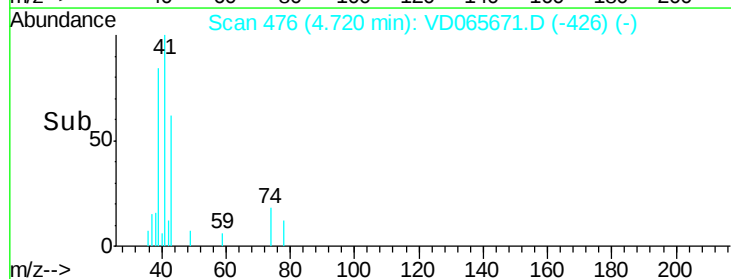
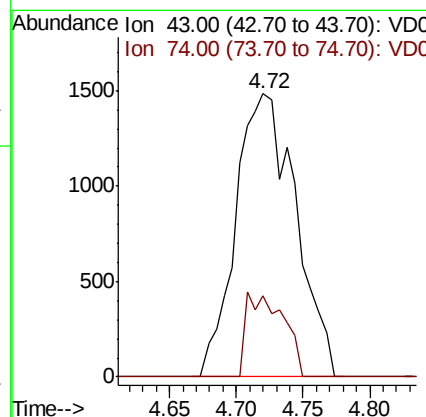
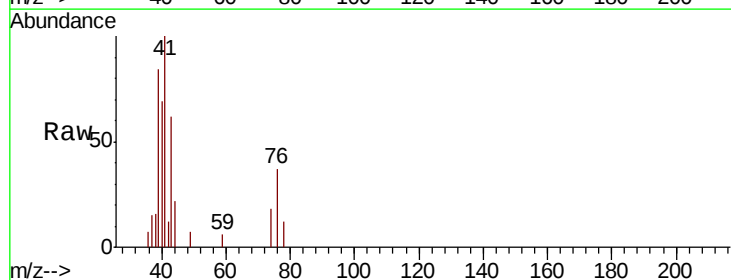
Instrument :  
MSVOA\_D  
ClientSampleId :

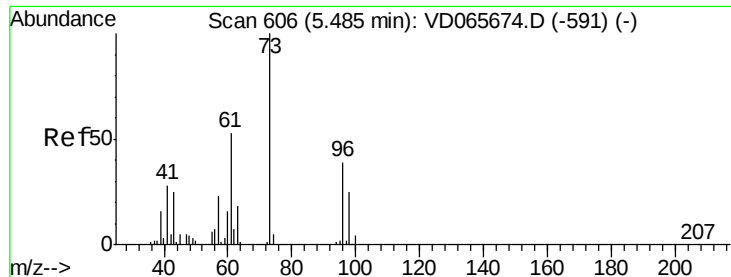
Tot Ion: 76 Resp: 23889  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.4 11.0



#18  
Methyl Acetate  
Concen: 5.128 ug/l  
RT: 4.72 min Scan# 476  
Delta R.T. -0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion: 43 Resp: 4619  
Ion Ratio Lower Upper  
43 100  
74 18.4 17.5 26.3

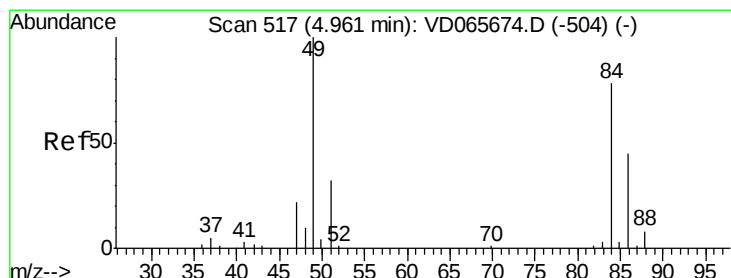
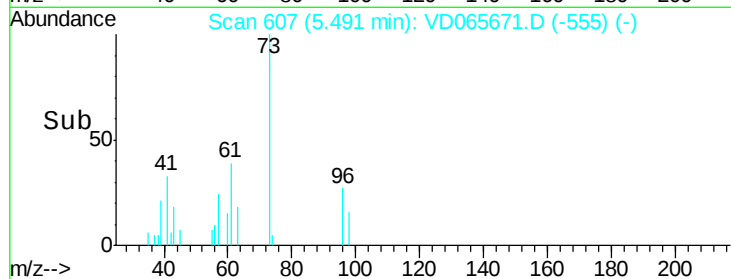
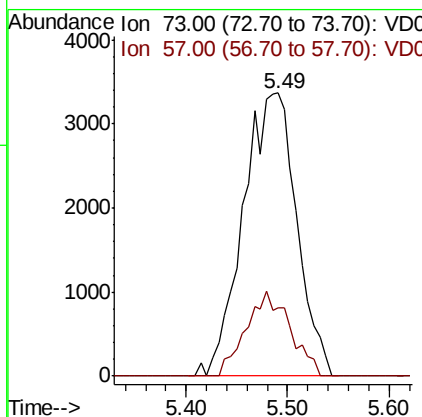
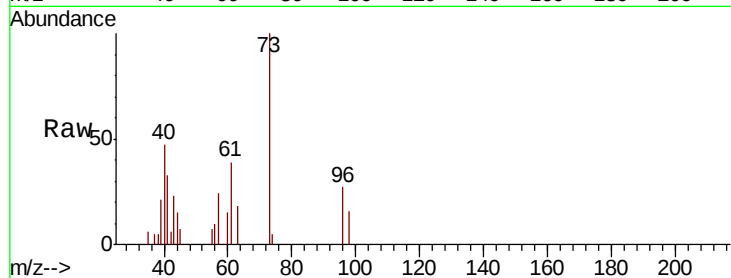




#19  
Methvl tert-butvl Ether  
Concen: 4.306 ug/l  
RT: 5.49 min Scan# 607  
Delta R.T. 0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

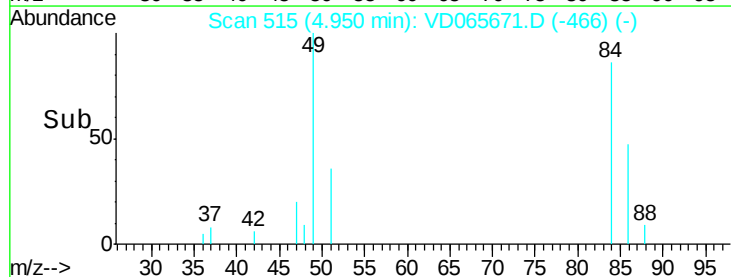
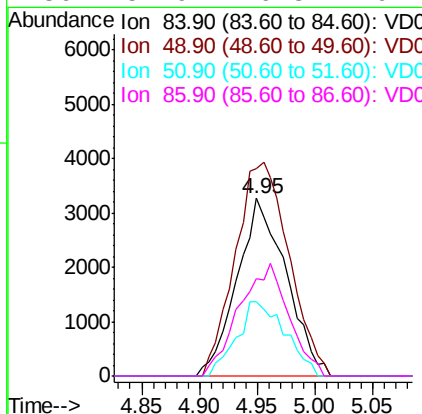
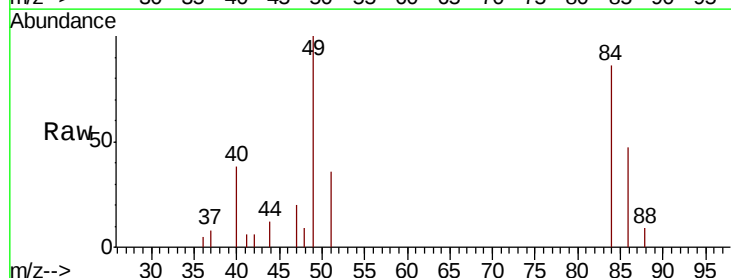
Instrument :  
MSVOA\_D  
ClientSampleId :

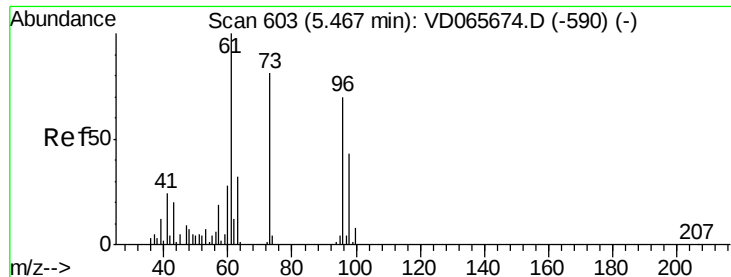
Tot Ion: 73 Resp: 12377  
Ion Ratio Lower Upper  
73 100  
57 24.1 18.3 27.5



#20  
Methylene Chloride  
Concen: 5.315 ug/l  
RT: 4.95 min Scan# 515  
Delta R.T. -0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion: 84 Resp: 9664  
Ion Ratio Lower Upper  
84 100  
49 116.7 103.1 154.7  
51 41.6 33.3 49.9  
86 54.9 46.8 70.2





#21

trans-1,2-Dichloroethene

Concen: 4.650 ug/l

RT: 5.46 min Scan# 601

Delta R.T. -0.01 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

ClientSampleId :

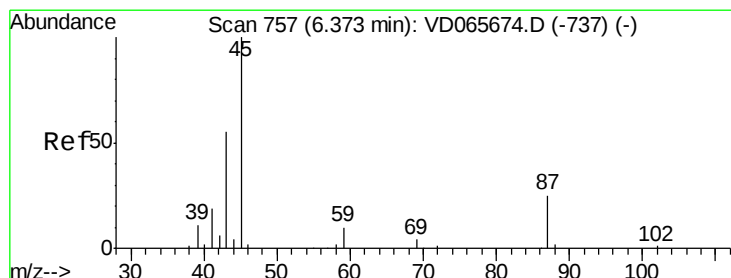
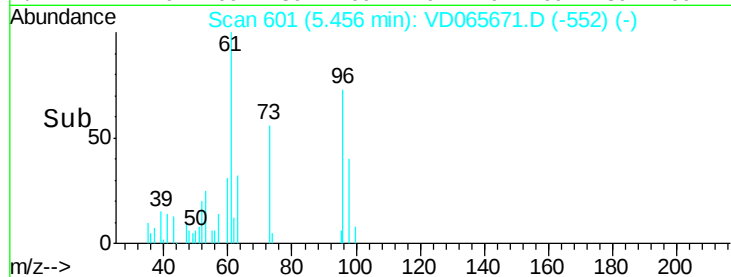
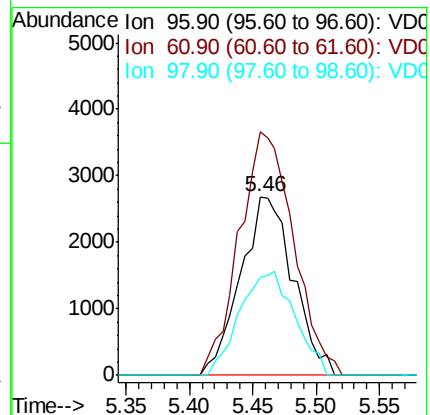
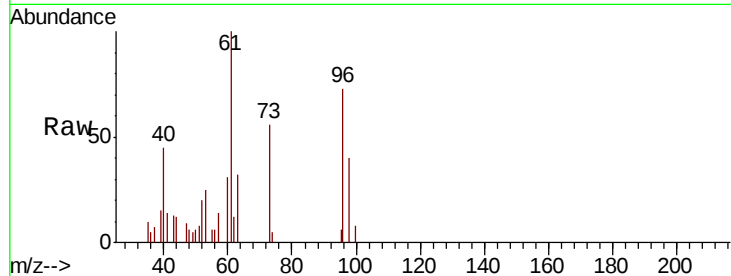
Tot Ion: 96 Resp: 7748

Ion Ratio Lower Upper

96 100

61 136.2 114.8 172.2

98 54.8 49.4 74.0



#22

Diisopropyl ether

Concen: 4.043 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Tgt Ion: 45 Resp: 19192

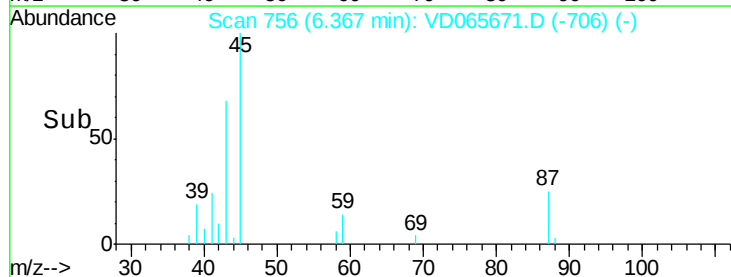
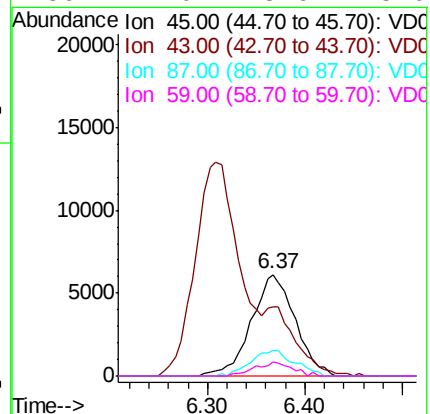
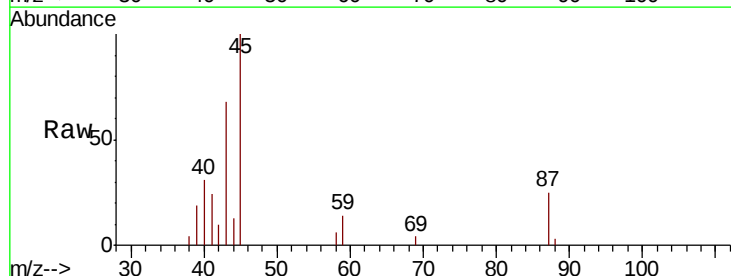
Ion Ratio Lower Upper

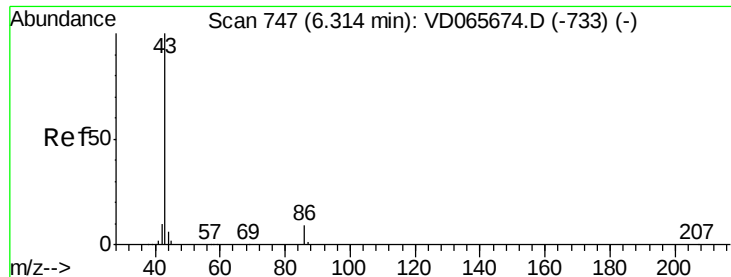
45 100

43 65.3 45.2 67.8

87 25.2 20.8 31.2

59 14.0 8.6 13.0#





#23

Vinyl Acetate

Concen: 16.244 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

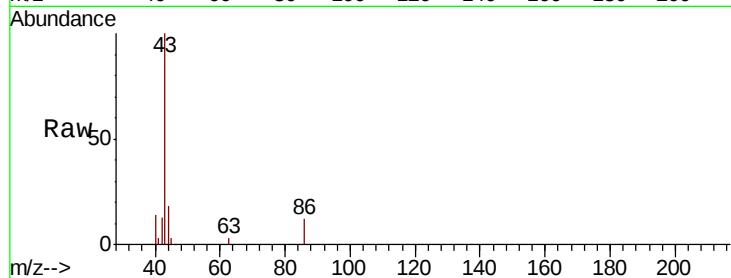
ClientSampled :

Tot Ion: 43 Resp: 41007

Ion Ratio Lower Upper

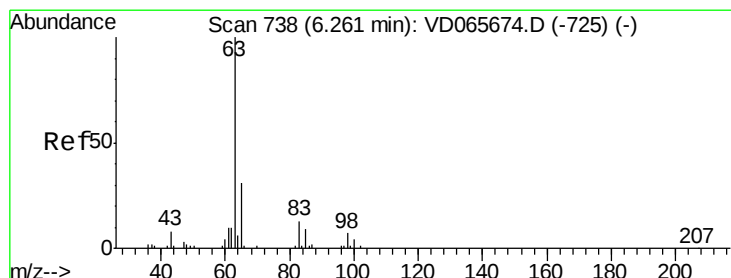
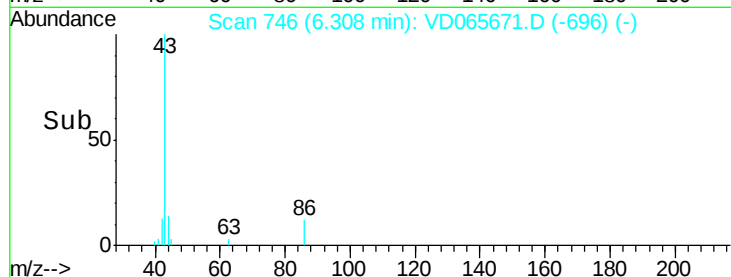
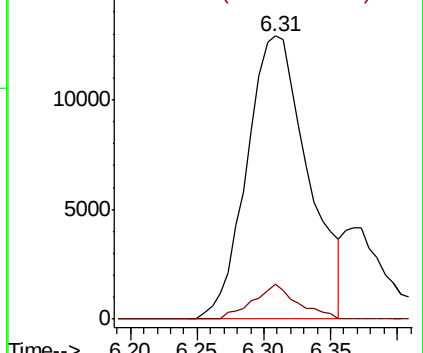
43 100

86 12.4 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 4.823 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

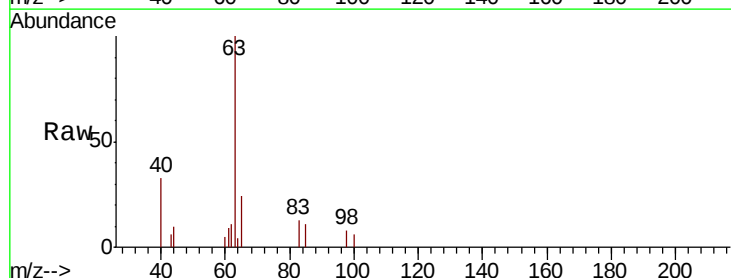
Tgt Ion: 63 Resp: 15258

Ion Ratio Lower Upper

63 100

98 8.4 3.5 10.4

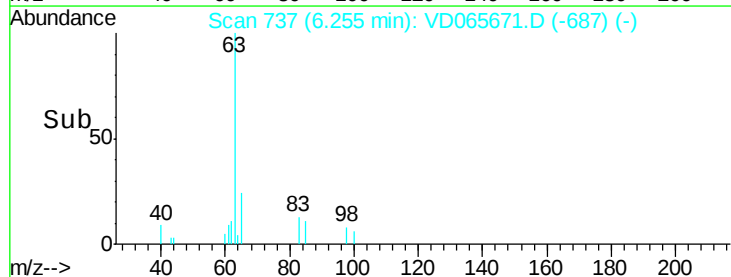
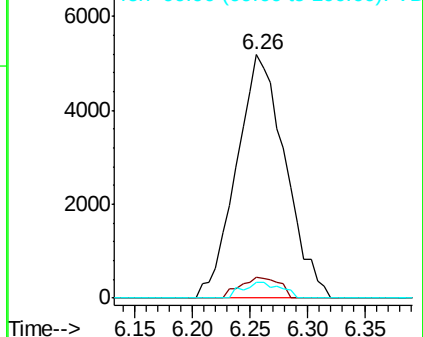
100 6.5 2.2 6.6

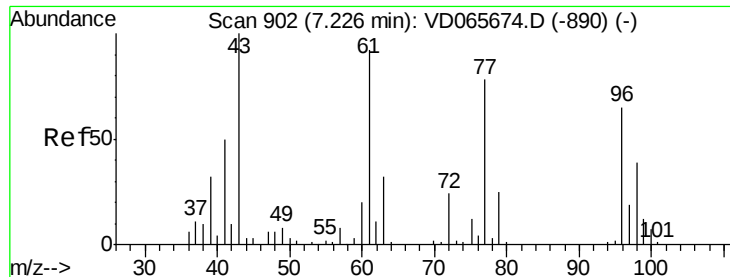


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 23.755 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

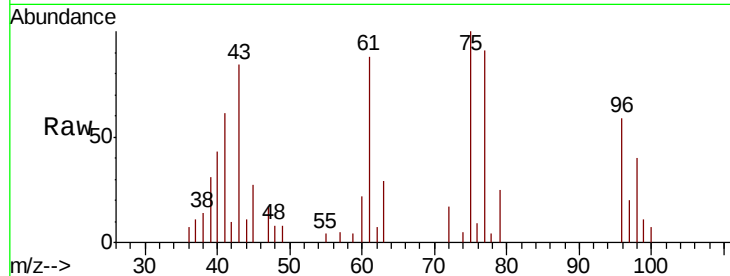
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 10460

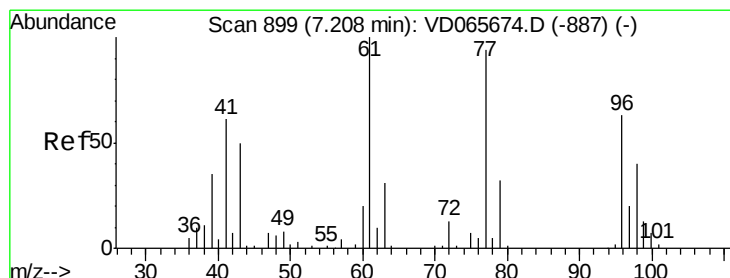
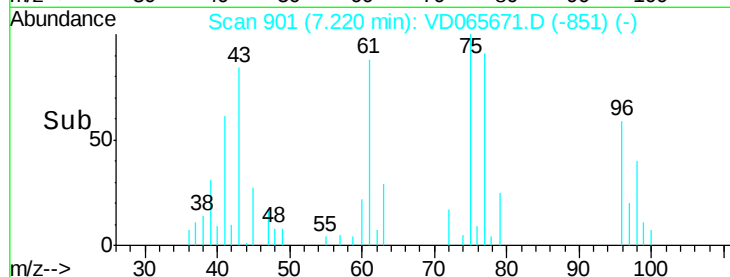
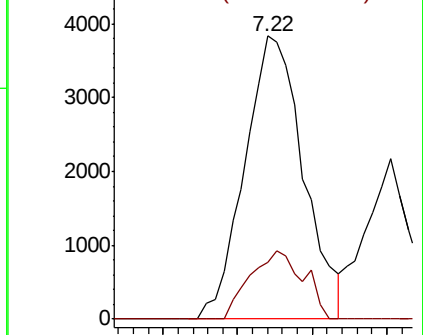
Ion Ratio Lower Upper

43 100

72 20.0 19.3 28.9



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



#26

2,2-Dichloropropane

Concen: 5.356 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065671.D

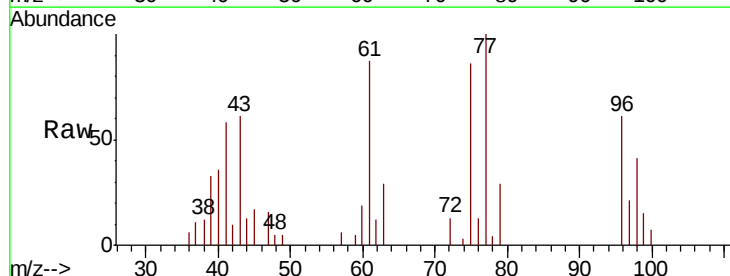
Acq: 24 Apr 2020 12:06

Tgt Ion: 77 Resp: 15776

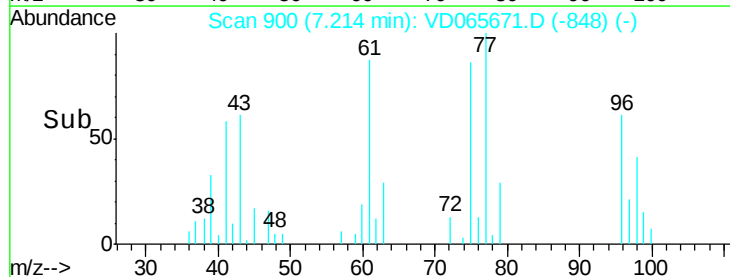
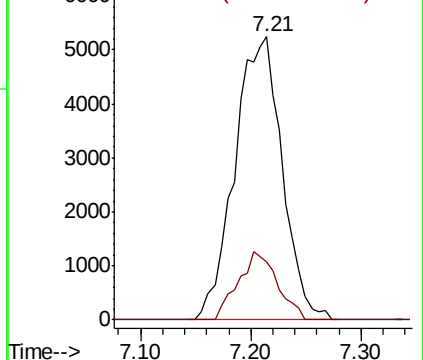
Ion Ratio Lower Upper

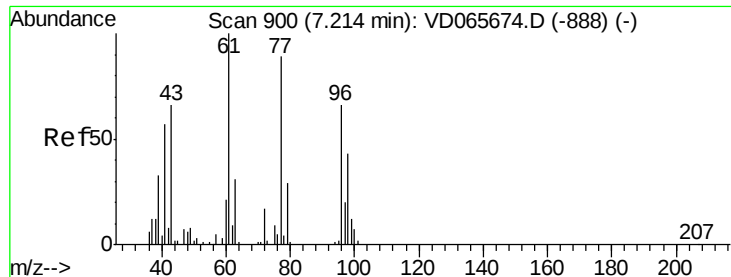
77 100

97 20.0 10.8 32.3



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





#27

cis-1,2-Dichloroethene

Concen: 4.777 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

ClientSampled :

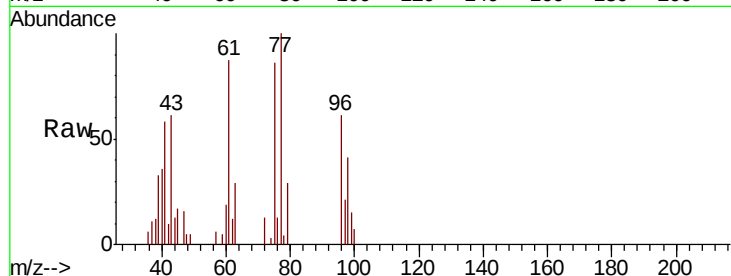
Tot Ion: 96 Resp: 8484

Ion Ratio Lower Upper

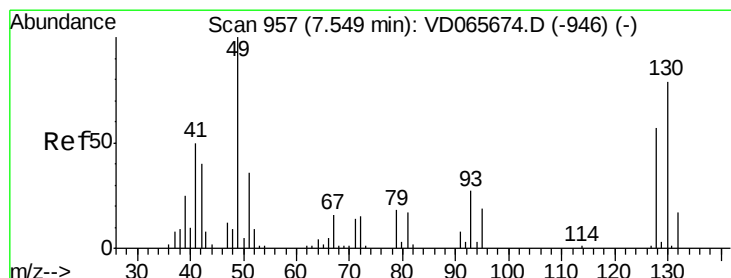
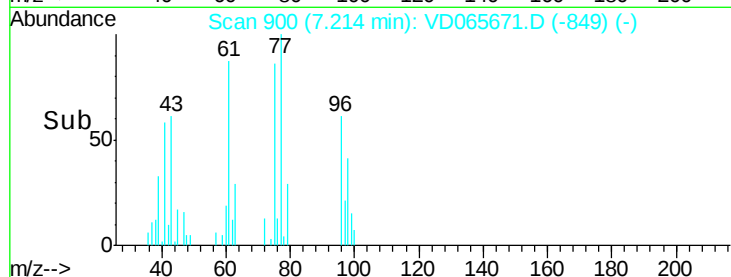
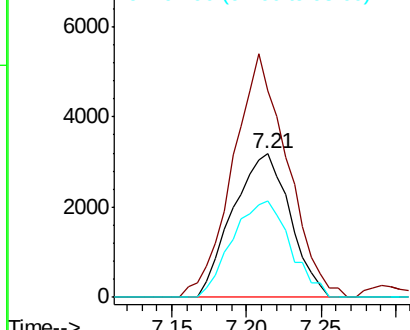
96 100

61 161.5 0.0 304.6

98 67.7 0.0 126.6



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



#28

Bromochloromethane

Concen: 5.257 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

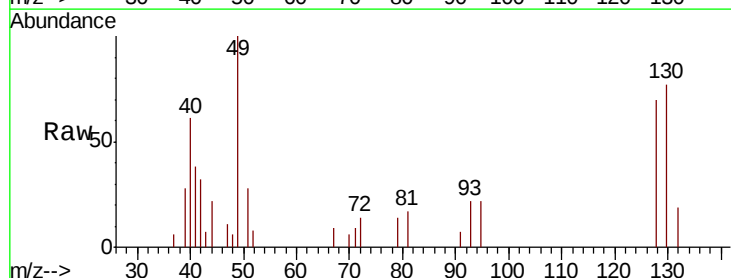
Tgt Ion: 49 Resp: 6827

Ion Ratio Lower Upper

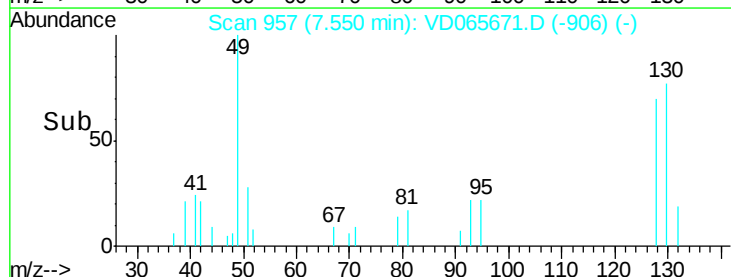
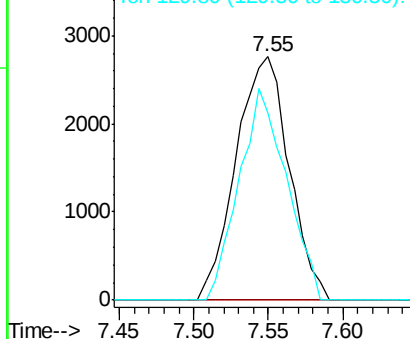
49 100

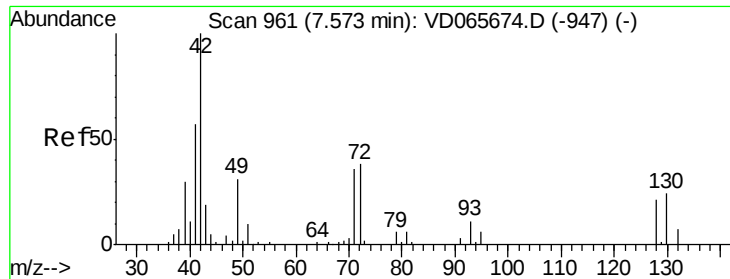
129 0.0 0.0 2.4

130 77.5 60.7 91.1



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

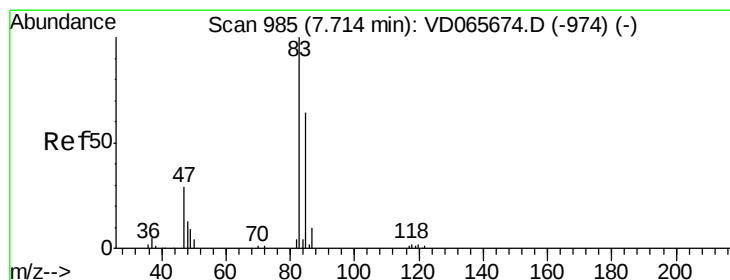
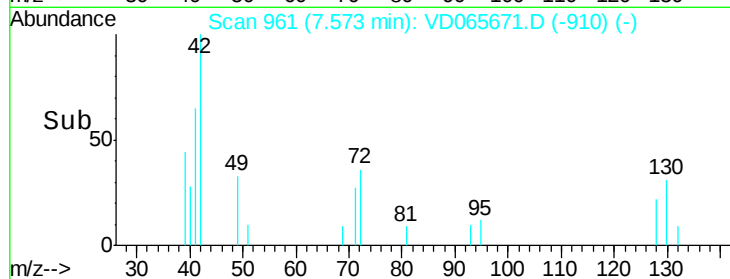
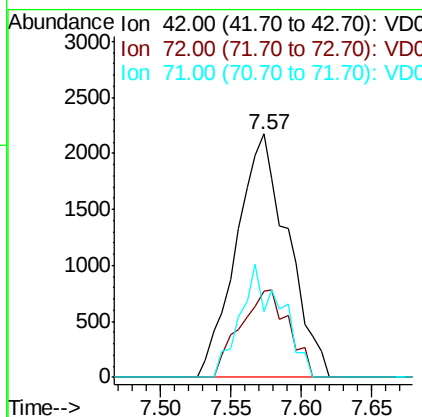
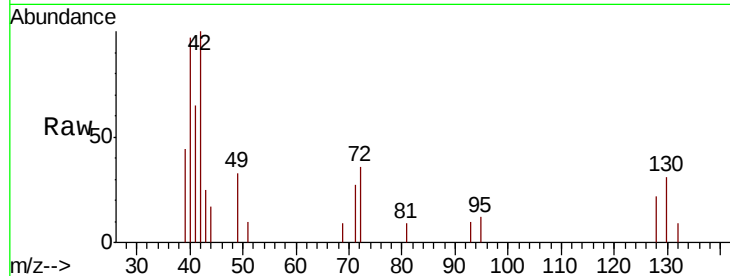




#29  
Tetrahydrofuran  
Concen: 21.246 ug/l  
RT: 7.57 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

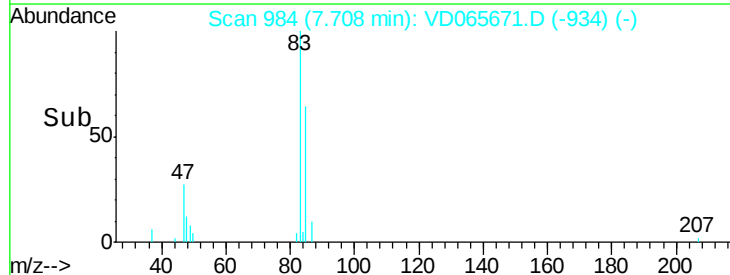
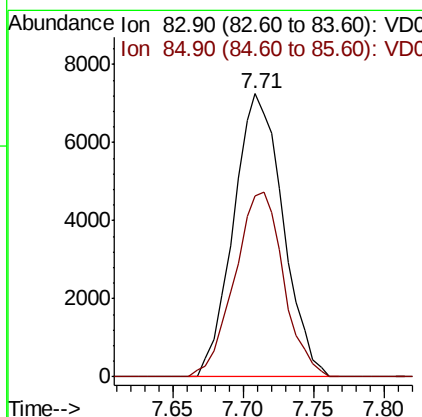
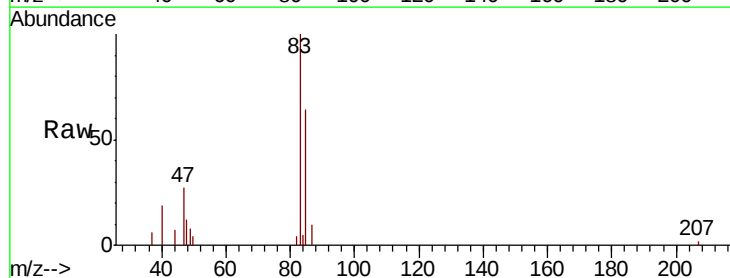
Instrument :  
MSVOA\_D  
ClientSampleId :

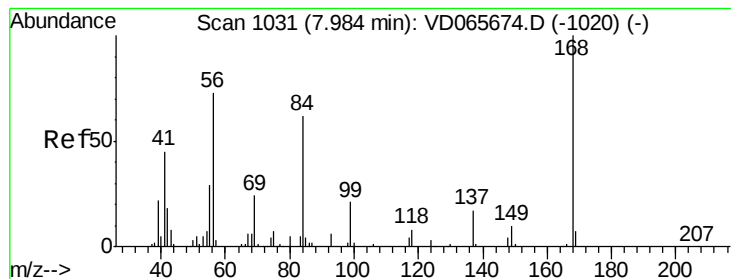
Tot Ion: 42 Resp: 5559  
Ion Ratio Lower Upper  
42 100  
72 33.7 31.2 46.8  
71 36.7 28.9 43.3



#30  
Chloroform  
Concen: 5.254 ug/l  
RT: 7.71 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion: 83 Resp: 17748  
Ion Ratio Lower Upper  
83 100  
85 63.8 51.5 77.3





#31

Cyclohexane

Concen: 5.574 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

ClientSampleId :

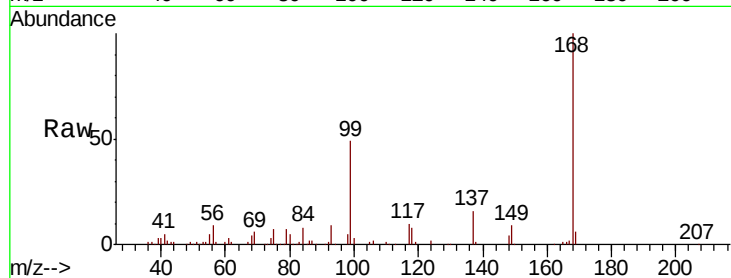
Tot Ion: 56 Resp: 16642

Ion Ratio Lower Upper

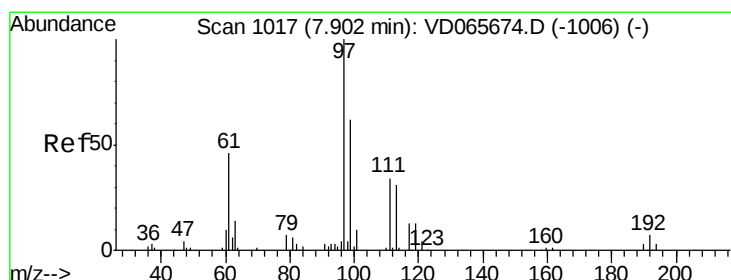
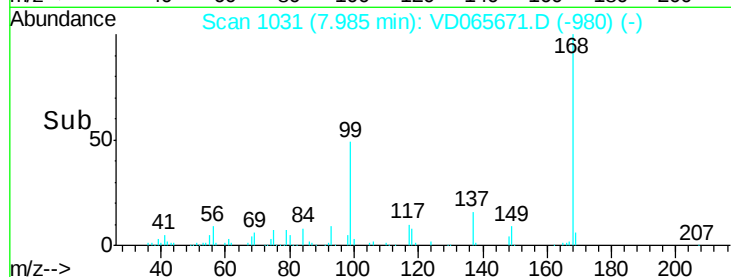
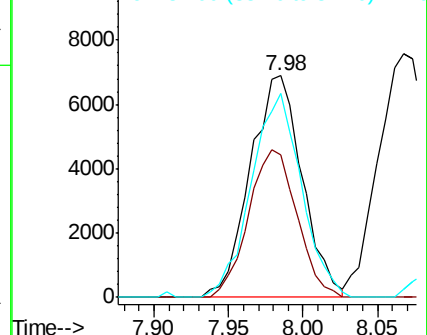
56 100

69 64.0 25.8 38.6#

84 92.0 68.3 102.5



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: 5.270 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

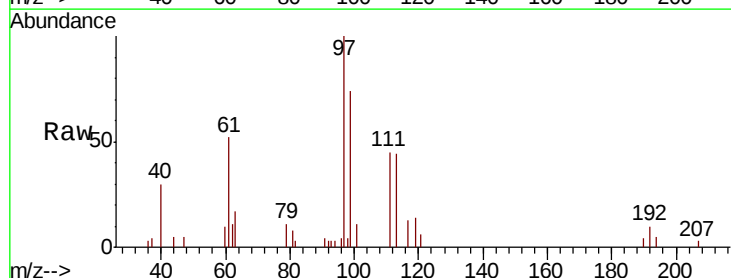
Tgt Ion: 97 Resp: 16188

Ion Ratio Lower Upper

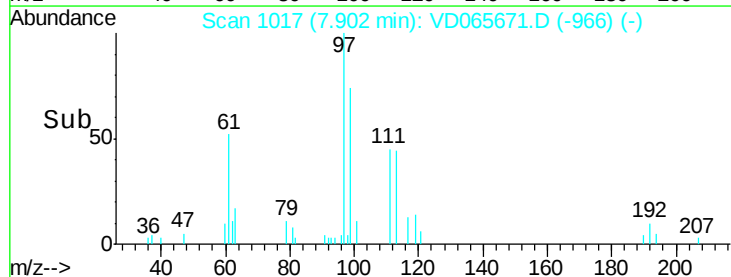
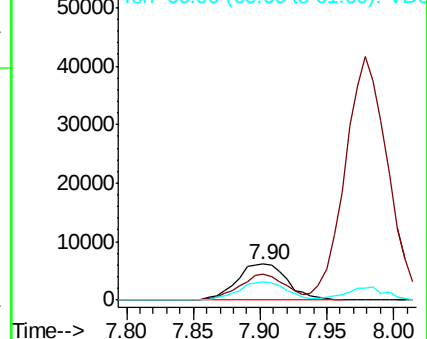
97 100

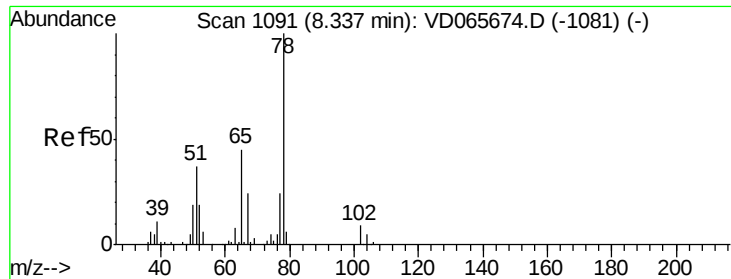
99 65.2 51.0 76.4

61 47.9 37.4 56.2



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

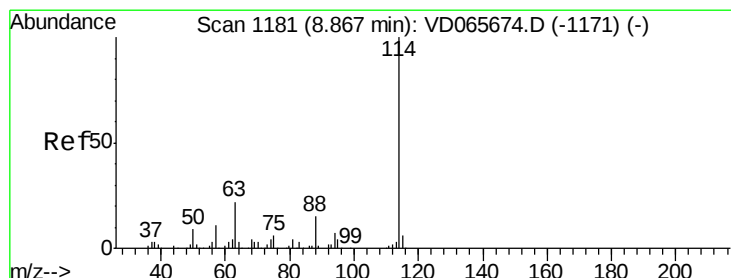
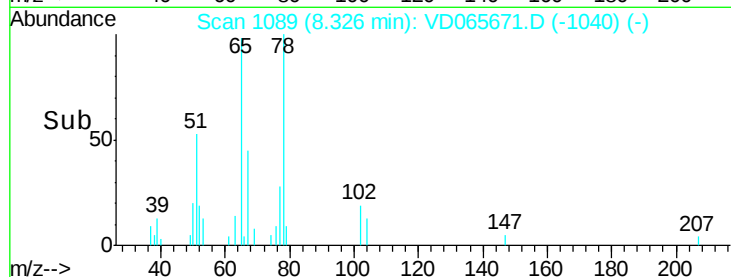
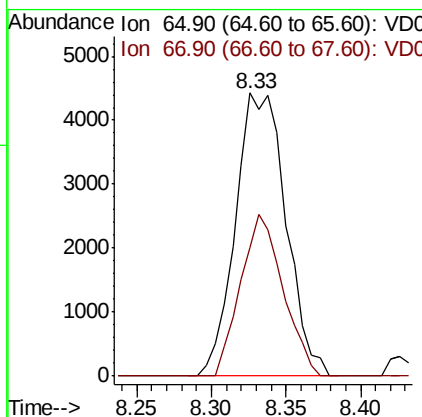
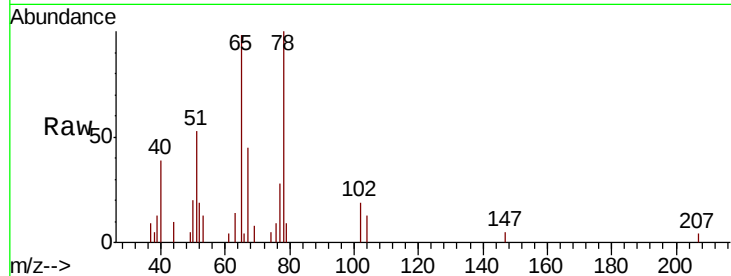




#33  
 1,2-Dichloroethane-d4  
 Concen: 5.758 ug/l  
 RT: 8.33 min Scan# 1089  
 Delta R.T. -0.01 min  
 Lab File: VD065671.D  
 Acq: 24 Apr 2020 12:06

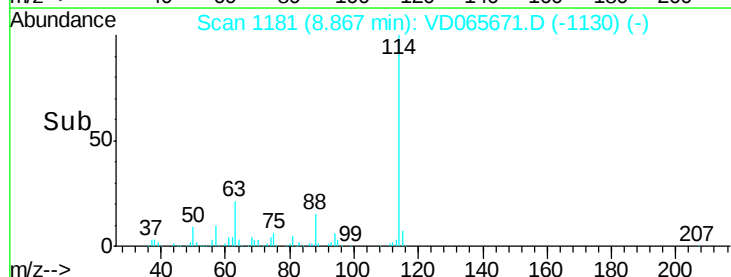
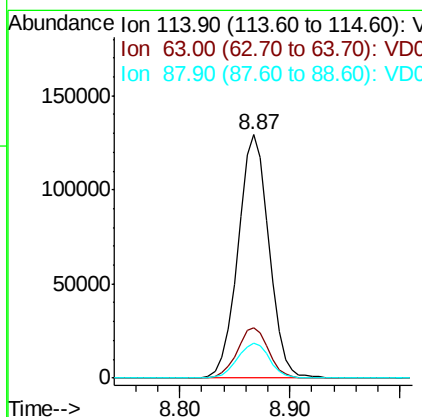
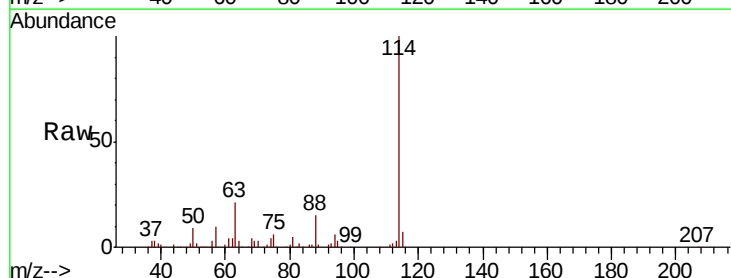
Instrument :  
 MSVOA\_D  
 ClientSampleId :

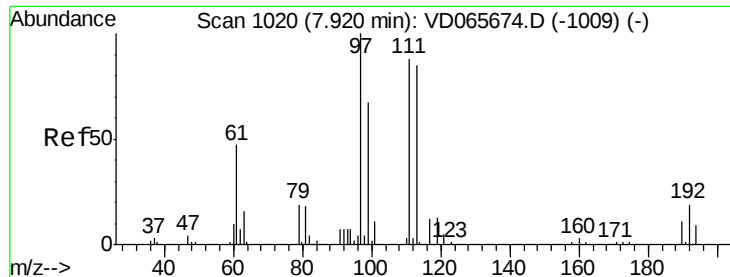
Tot Ion: 65 Resp: 10385  
 Ion Ratio Lower Upper  
 65 100  
 67 47.9 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. 0.00 min  
 Lab File: VD065671.D  
 Acq: 24 Apr 2020 12:06

Tgt Ion: 114 Resp: 255113  
 Ion Ratio Lower Upper  
 114 100  
 63 20.9 0.0 44.0  
 88 14.6 0.0 30.4

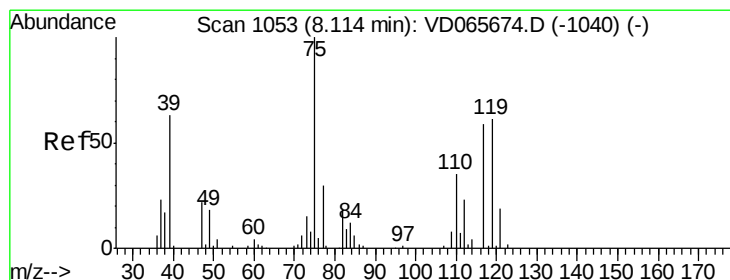
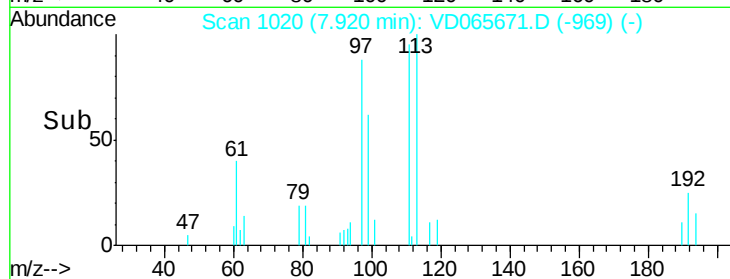
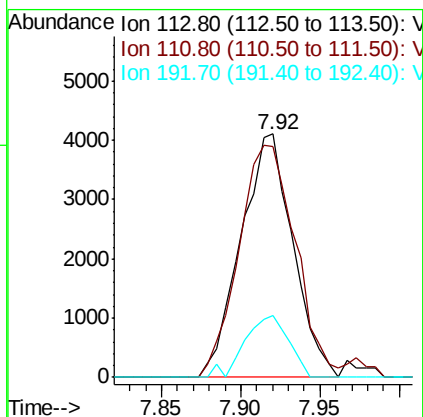
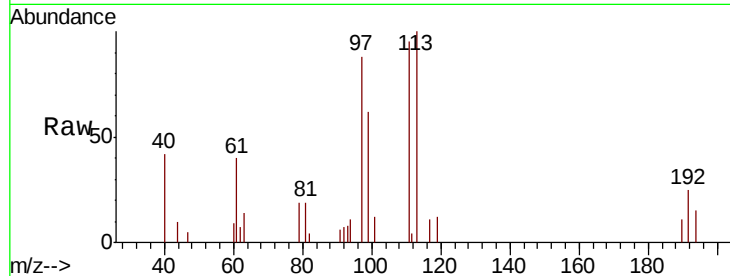




#35  
 Dibromofluoromethane  
 Concen: 5.266 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.00 min  
 Lab File: VD065671.D  
 Acq: 24 Apr 2020 12:06

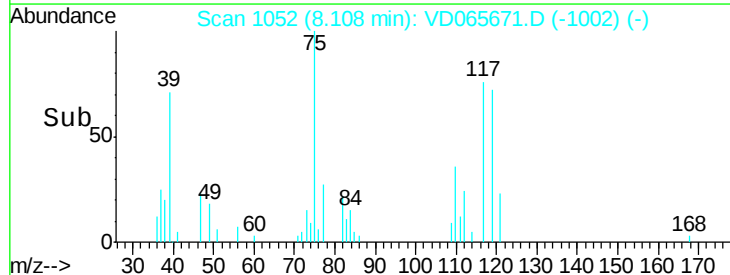
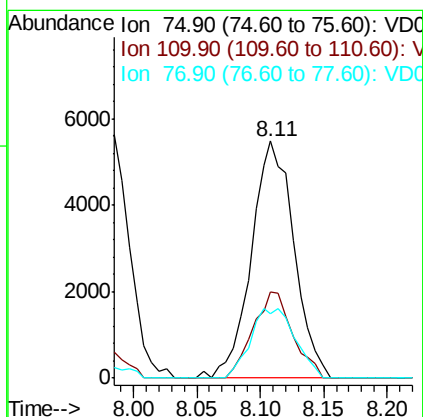
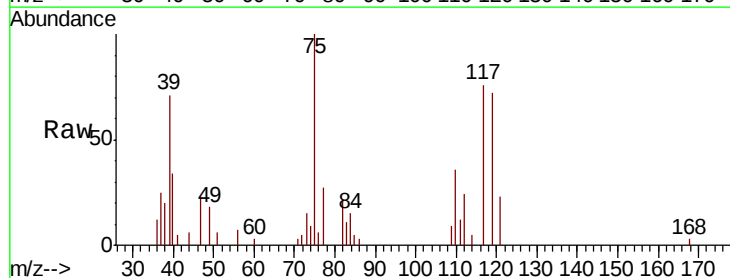
Instrument :  
 MSVOA\_D  
 ClientSampleId :

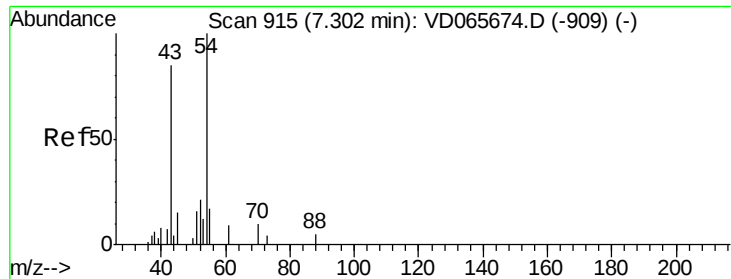
Tot Ion:113 Resp: 9357  
 Ion Ratio Lower Upper  
 113 100  
 111 103.8 83.4 125.0  
 192 21.4 17.7 26.5



#36  
 1,1-Dichloropropene  
 Concen: 4.762 ug/l  
 RT: 8.11 min Scan# 1052  
 Delta R.T. -0.01 min  
 Lab File: VD065671.D  
 Acq: 24 Apr 2020 12:06

Tgt Ion: 75 Resp: 12817  
 Ion Ratio Lower Upper  
 75 100  
 110 33.9 17.2 51.5  
 77 30.8 24.5 36.7

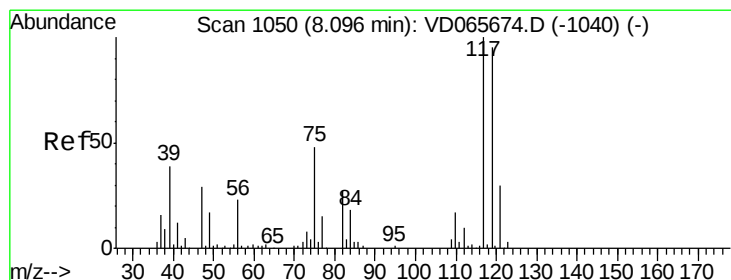
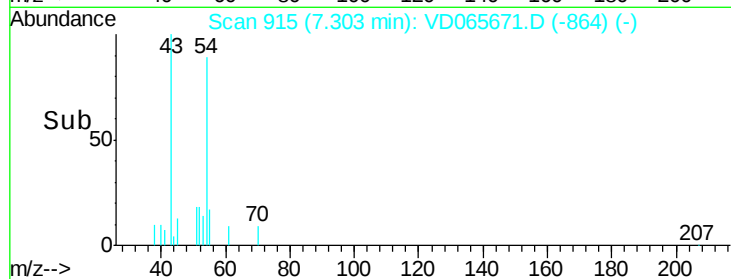
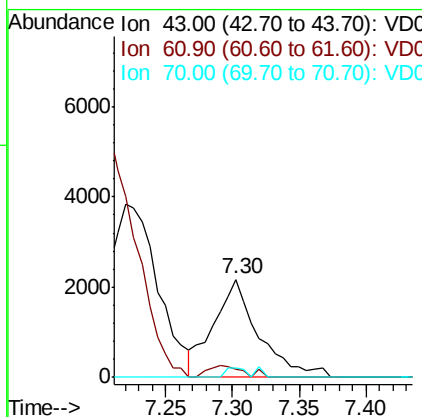
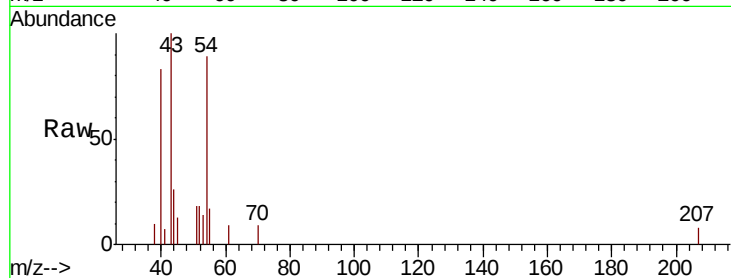




#37  
Ethyl Acetate  
Concen: 4.907 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

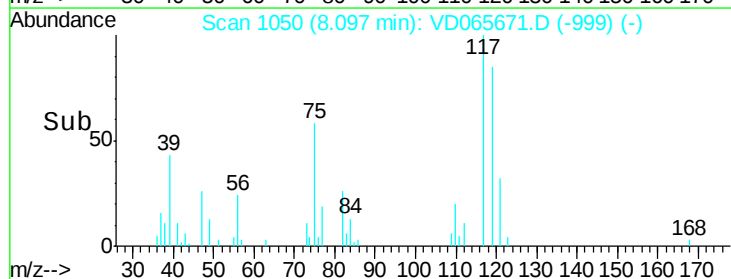
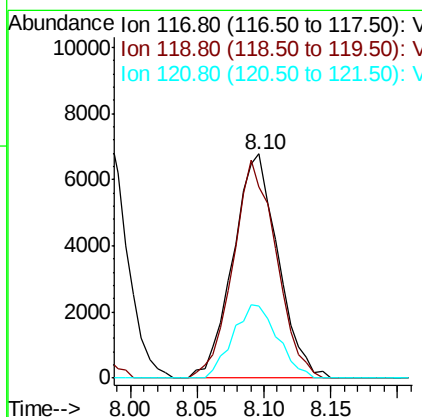
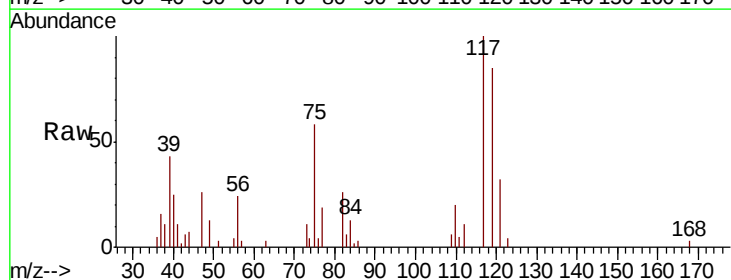
Instrument :  
MSVOA\_D  
ClientSampleId :

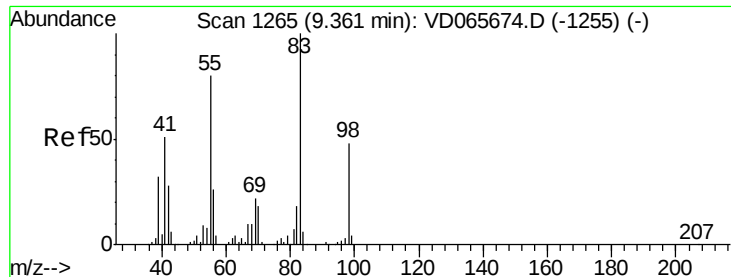
Tot Ion: 43 Resp: 5129  
Ion Ratio Lower Upper  
43 100  
61 9.5 11.3 16.9#  
70 4.0 7.5 11.3#



#38  
Carbon Tetrachloride  
Concen: 5.128 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion: 117 Resp: 15857  
Ion Ratio Lower Upper  
117 100  
119 85.3 75.8 113.6  
121 32.3 23.8 35.8

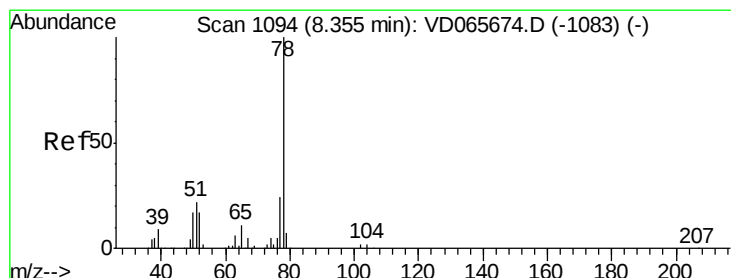
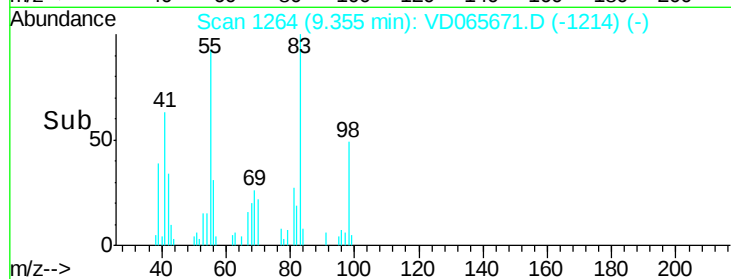
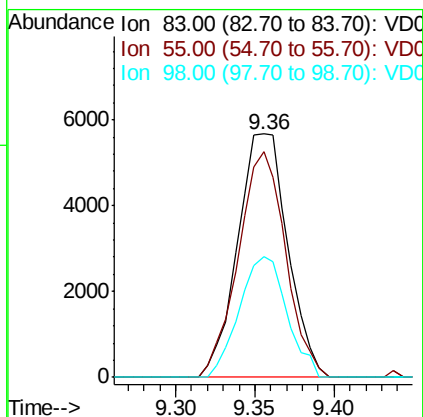
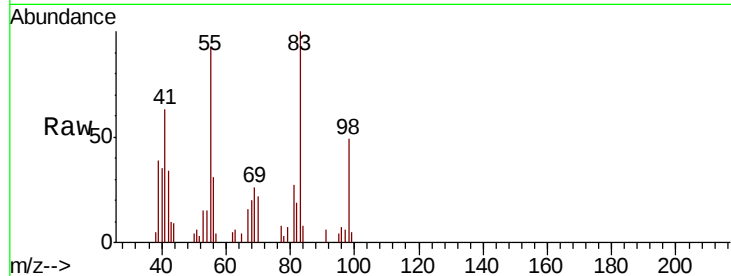




#39  
Methvlcvclohexane  
Concen: 4.510 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

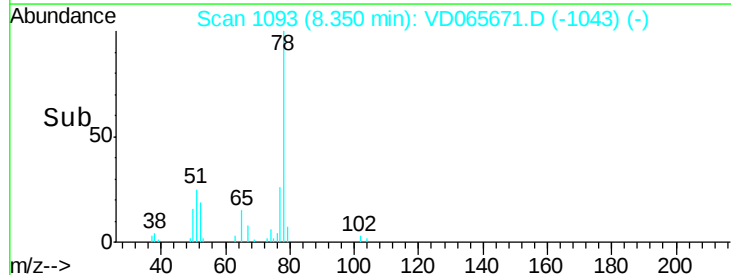
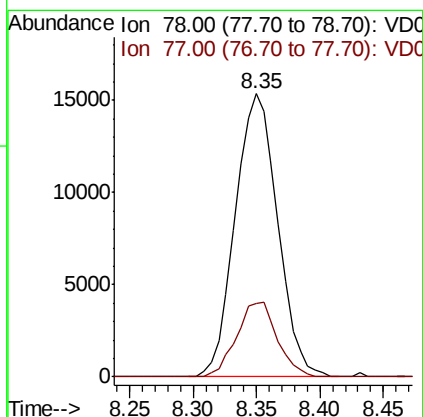
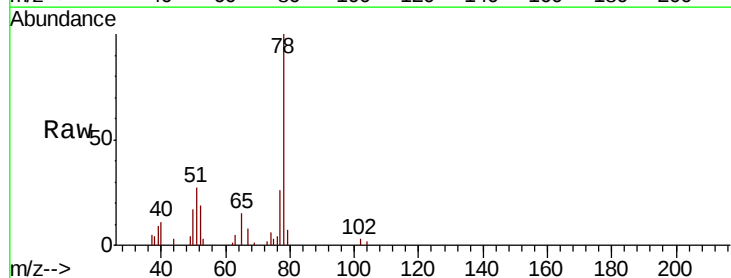
Instrument :  
MSVOA\_D  
ClientSampled :

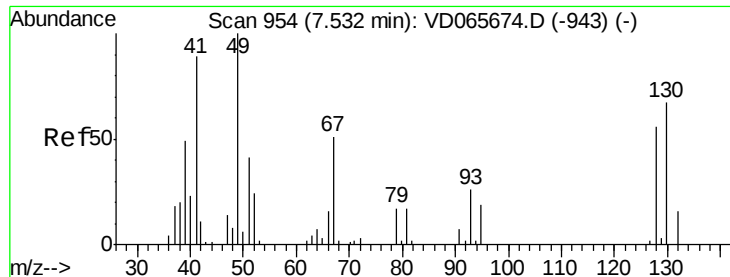
Tot Ion: 83 Resp: 12482  
Ion Ratio Lower Upper  
83 100  
55 92.9 64.2 96.2  
98 49.4 38.1 57.1



#40  
Benzene  
Concen: 4.833 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion: 78 Resp: 35716  
Ion Ratio Lower Upper  
78 100  
77 26.1 19.4 29.0

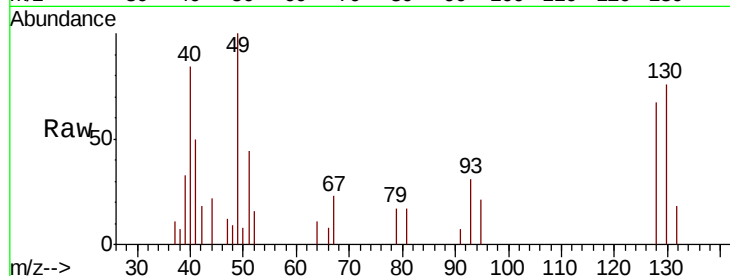




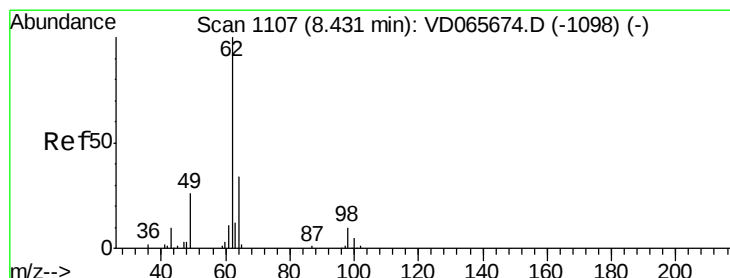
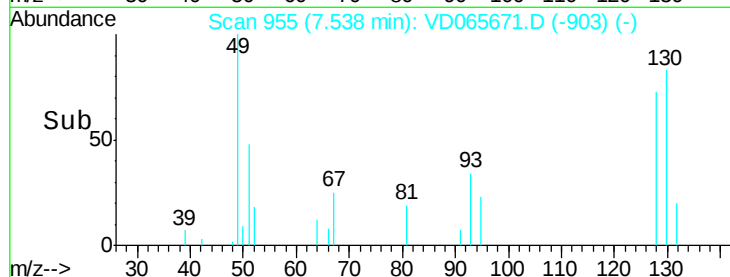
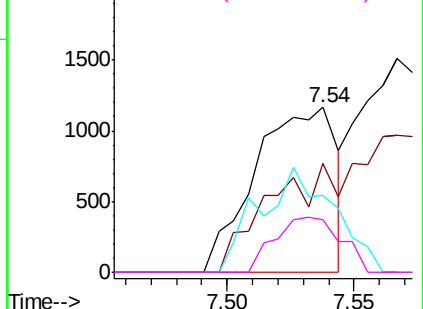
#41  
Methacrylonitrile  
Concen: 4.784 ug/l  
RT: 7.54 min Scan# 955  
Delta R.T. 0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 41 Resp: 2604  
Ion Ratio Lower Upper  
41 100  
39 37.9 0.0 0.0#  
67 58.4 56.0 84.0  
52 27.2 27.0 40.4

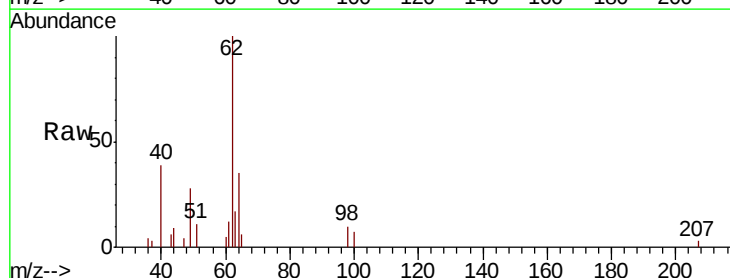


Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

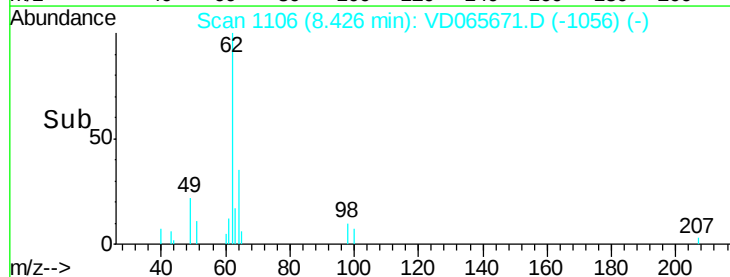
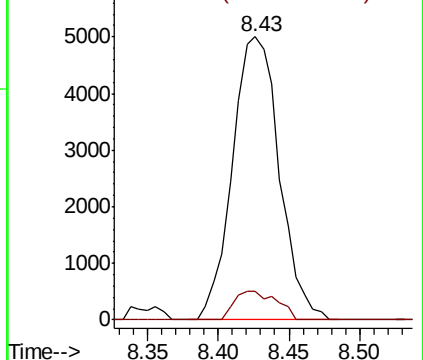


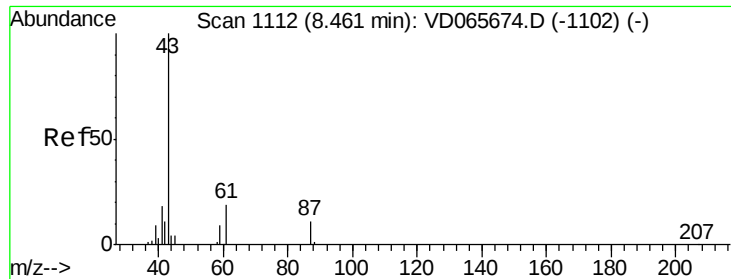
#42  
1,2-Dichloroethane  
Concen: 5.009 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. -0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion: 62 Resp: 11614  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 17.2



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

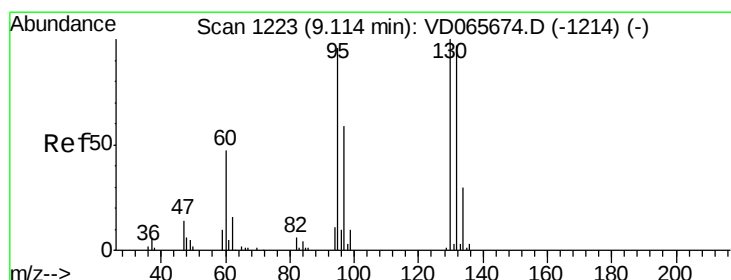
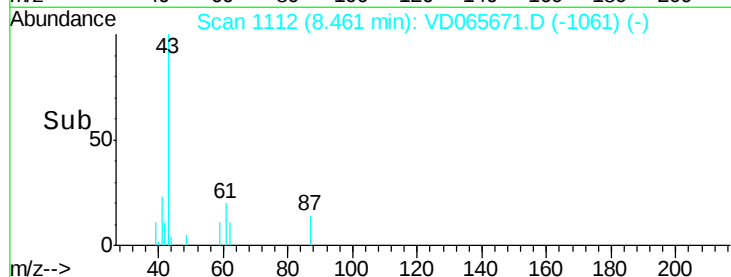
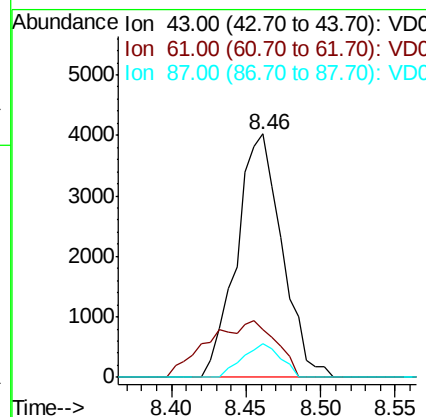
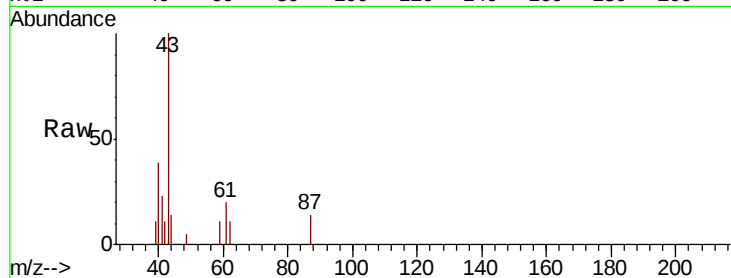




#43  
Isopropyl Acetate  
Concen: 4.452 ug/l  
RT: 8.46 min Scan# 1112  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

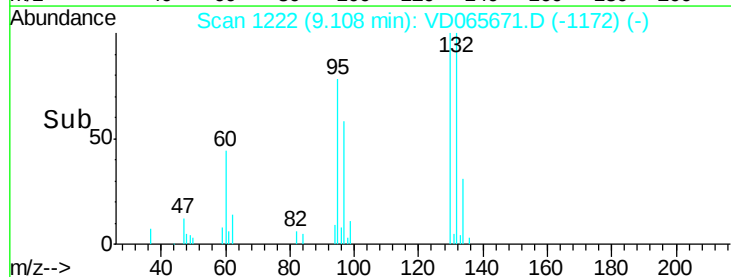
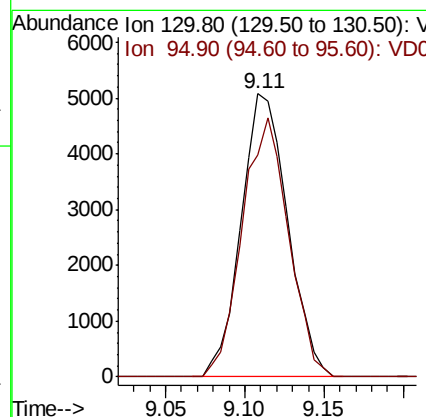
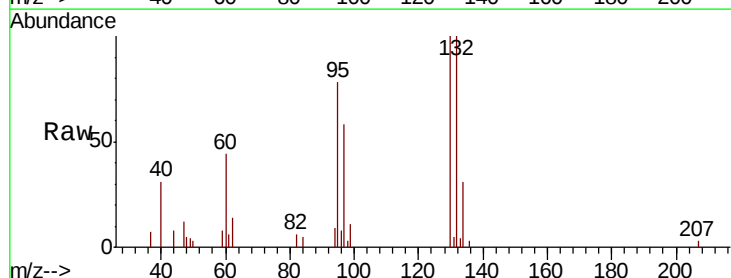
Instrument :  
MSVOA\_D  
ClientSampleID :

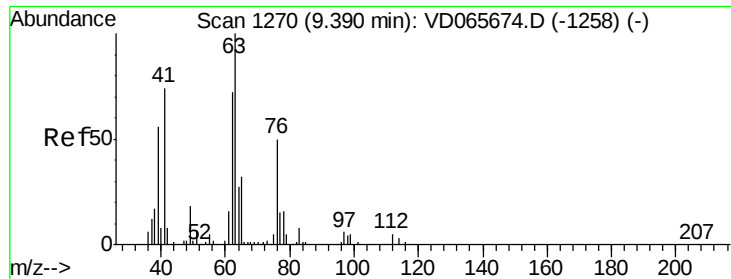
Tot Ion: 43 Resp: 8483  
Ion Ratio Lower Upper  
43 100  
61 34.8 24.4 36.6  
87 11.5 9.3 13.9



#44  
Trichloroethene  
Concen: 4.963 ug/l  
RT: 9.11 min Scan# 1222  
Delta R.T. -0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion: 130 Resp: 10370  
Ion Ratio Lower Upper  
130 100  
95 78.3 0.0 191.8





#45

1,2-Dichloropropane

Concen: 4.765 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

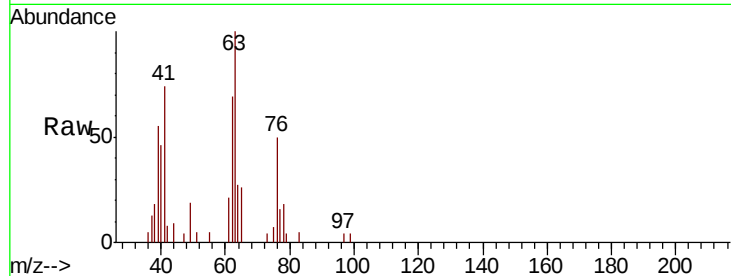
ClientSampleId :

Tot Ion: 63 Resp: 8972

Ion Ratio Lower Upper

63 100

65 26.2 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

4000

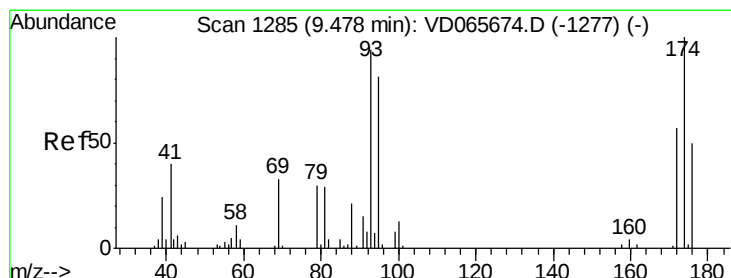
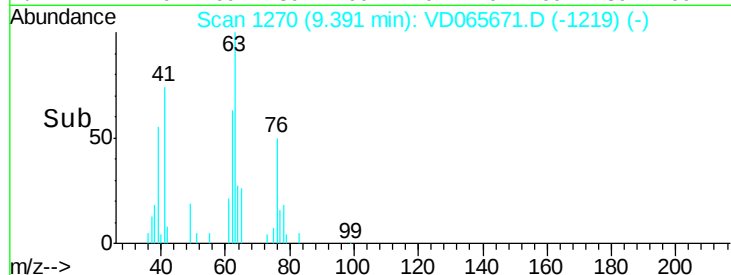
3000

2000

1000

0

Time--> 9.30 9.35 9.40 9.45



#46

Dibromomethane

Concen: 4.770 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

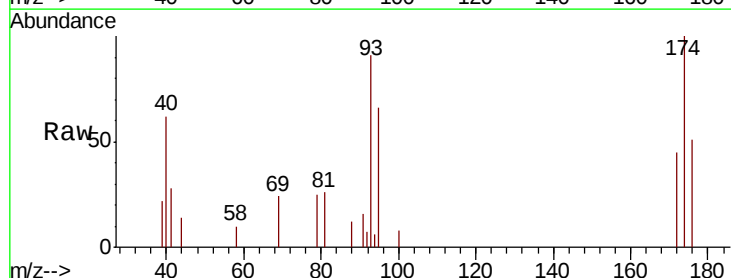
Tgt Ion: 93 Resp: 4656

Ion Ratio Lower Upper

93 100

95 82.9 66.1 99.1

174 107.7 86.4 129.6



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

9.48

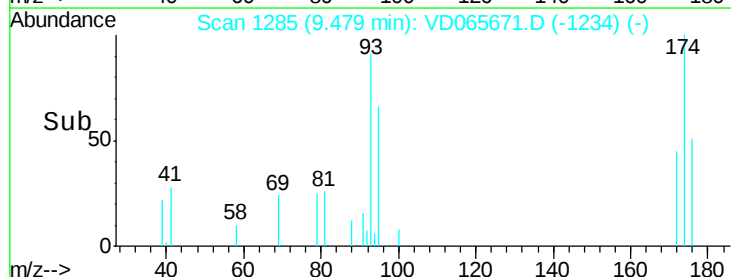
3000

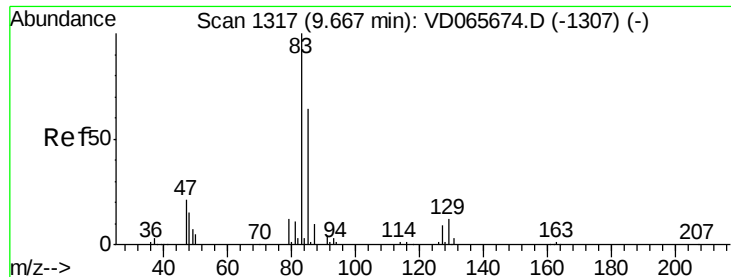
2000

1000

0

Time--> 9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 4.970 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

ClientSampleId :

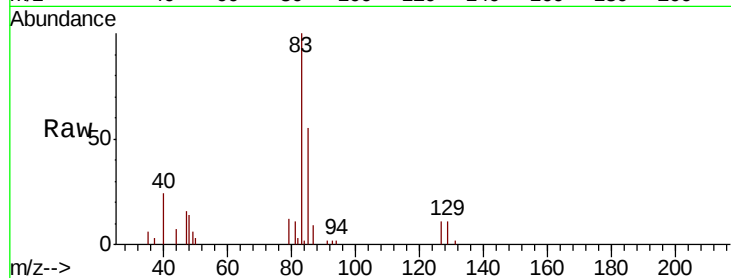
Tot Ion: 83 Resp: 13328

Ion Ratio Lower Upper

83 100

85 55.0 51.0 76.6

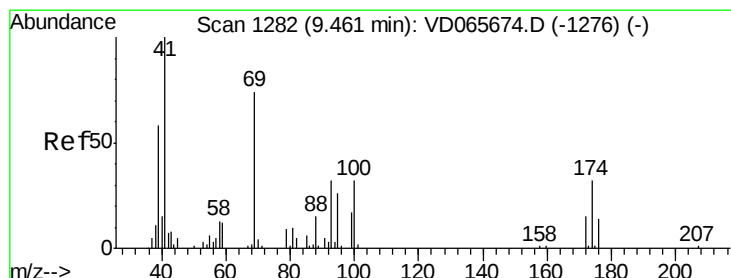
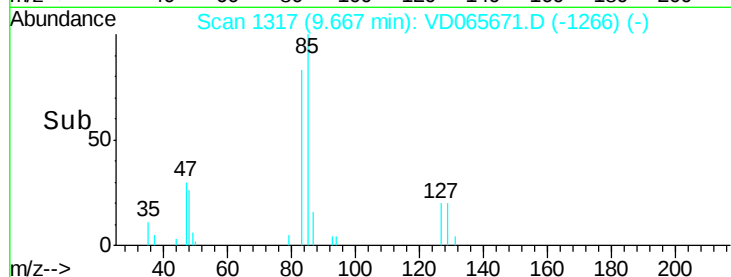
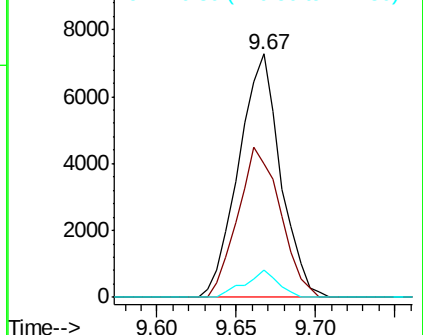
127 11.2 7.1 10.7#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.703 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

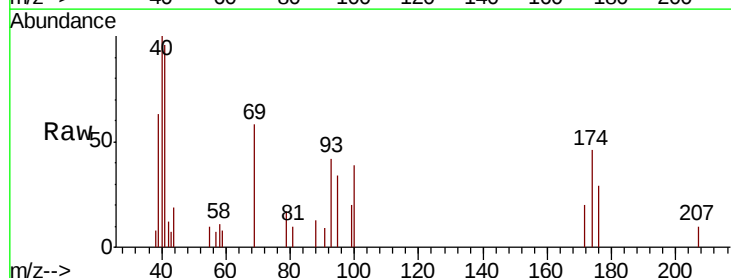
Tgt Ion: 41 Resp: 4352

Ion Ratio Lower Upper

41 100

69 67.1 62.4 93.6

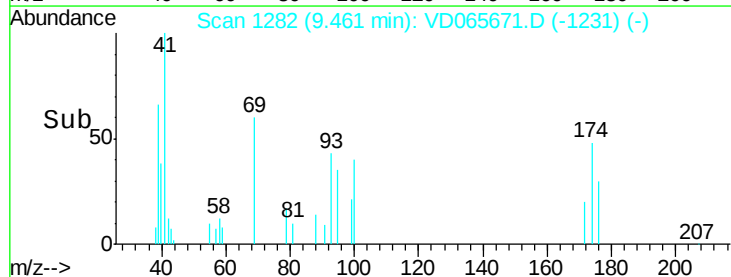
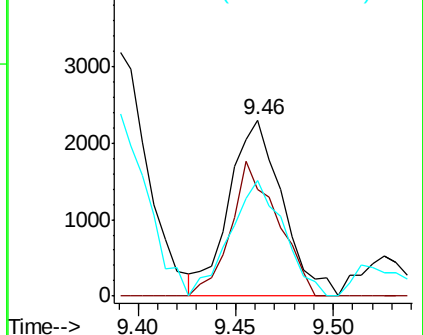
39 65.9 48.9 73.3

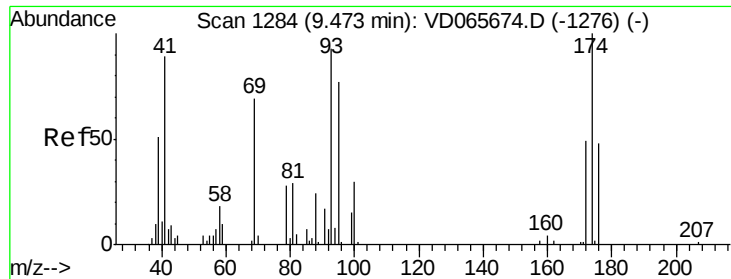


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

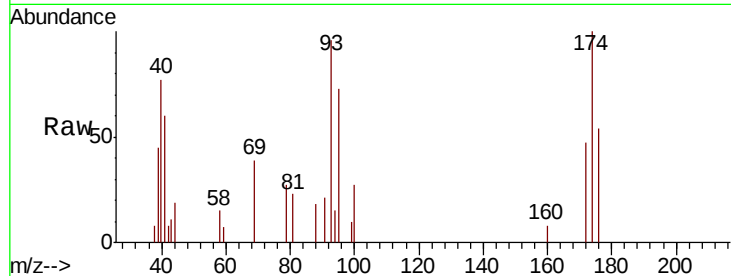




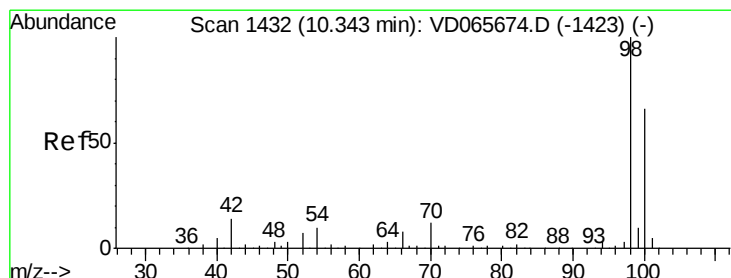
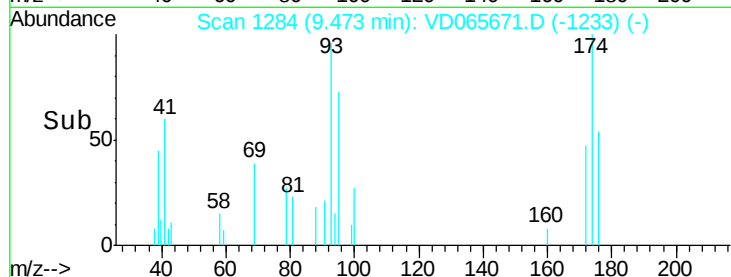
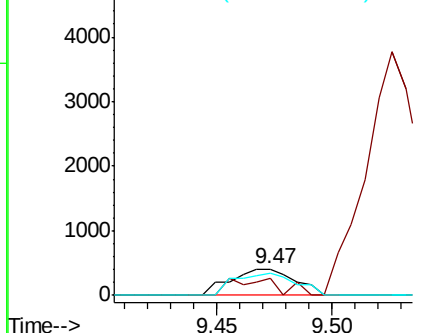
#49  
1,4-Dioxane  
Concen: 77.028 ug/l  
RT: 9.47 min Scan# 1284  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 88 Resp: 783  
Ion Ratio Lower Upper  
88 100  
43 49.2 34.2 51.2  
58 81.6 58.2 87.2

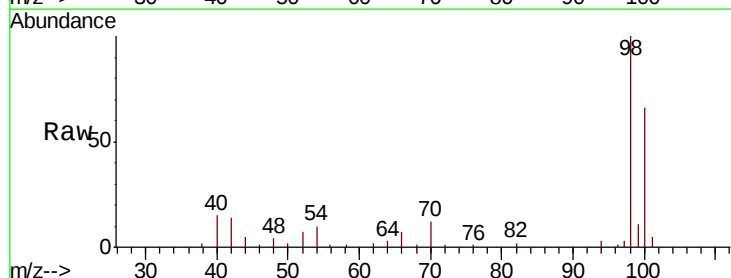


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC

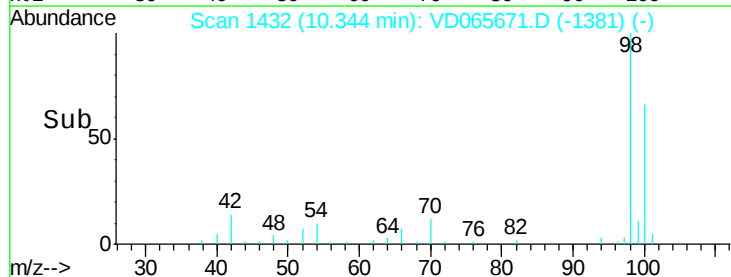
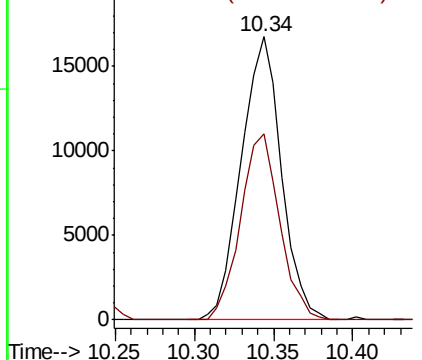


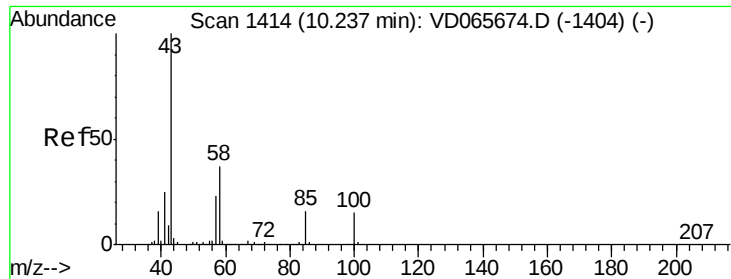
#50  
Toluene-d8  
Concen: 4.751 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion: 98 Resp: 29442  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.2 78.4



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





#51

4-Methyl-2-Pentanone

Concen: 20.482 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

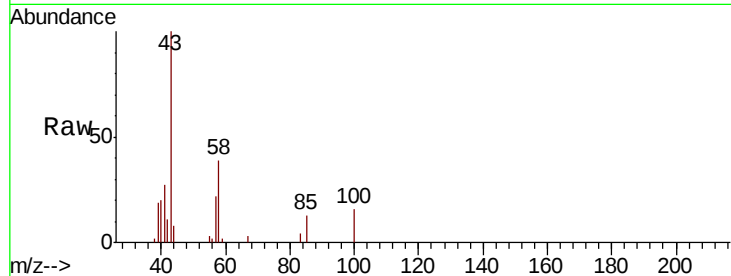
ClientSampleId :

Tot Ion: 43 Resp: 20008

Ion Ratio Lower Upper

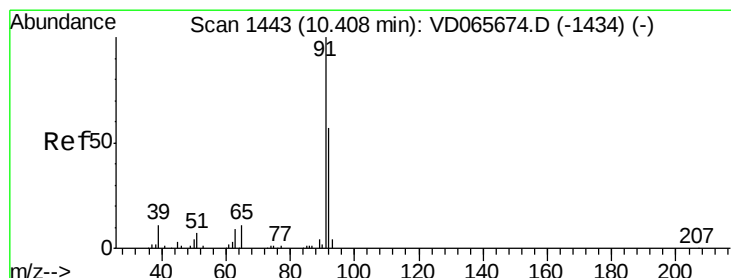
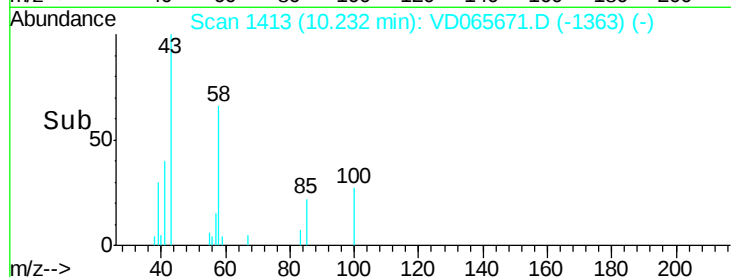
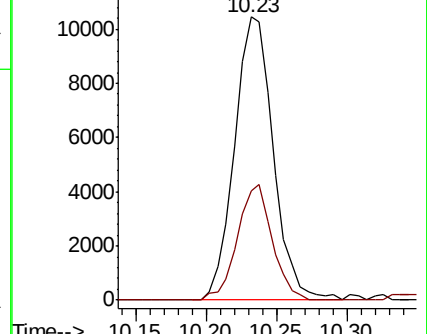
43 100

58 36.5 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 4.330 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD065671.D

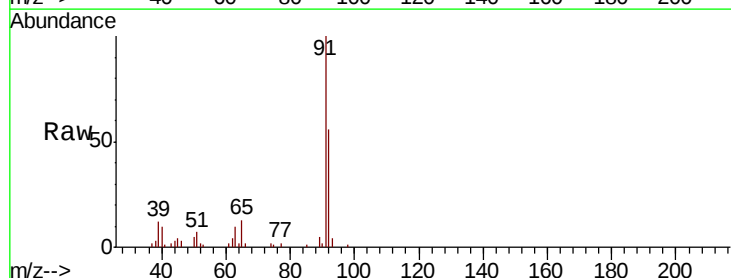
Acq: 24 Apr 2020 12:06

Tgt Ion: 92 Resp: 19429

Ion Ratio Lower Upper

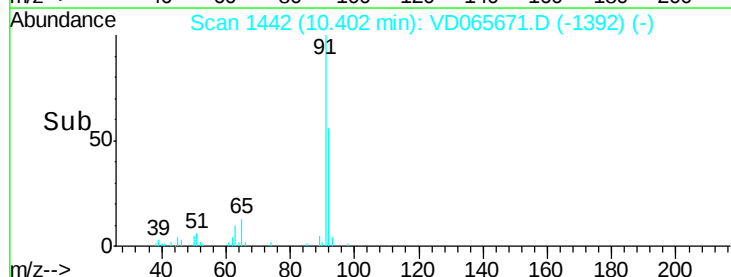
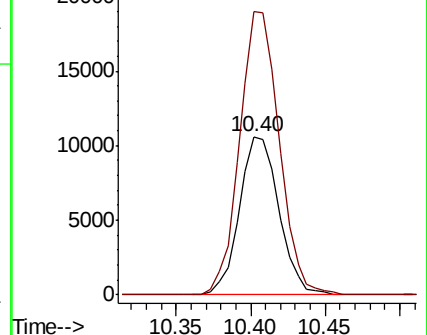
92 100

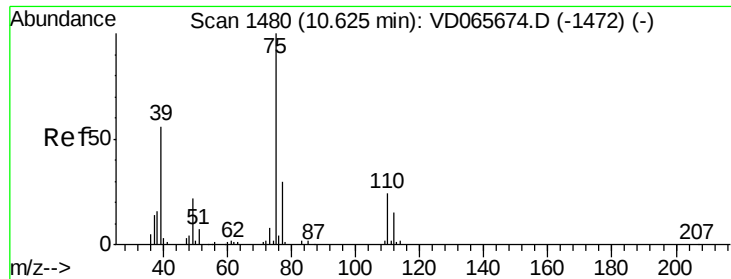
91 180.0 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 4.460 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

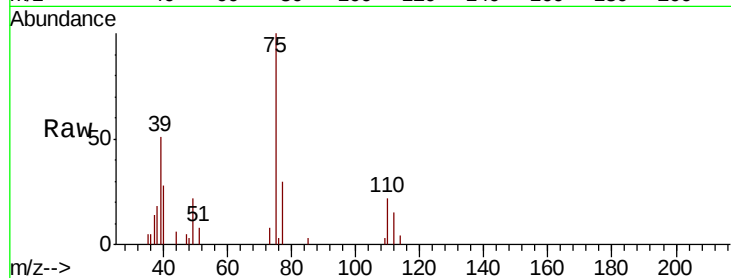
ClientSampleId :

Tot Ion: 75 Resp: 10090

Ion Ratio Lower Upper

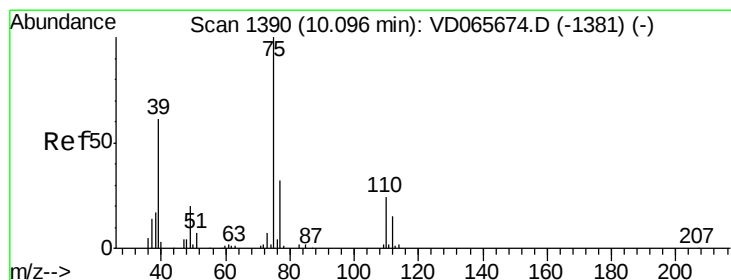
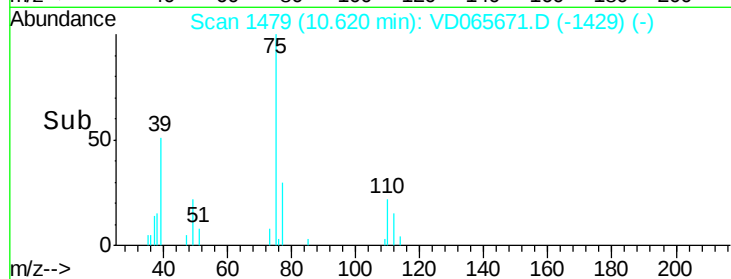
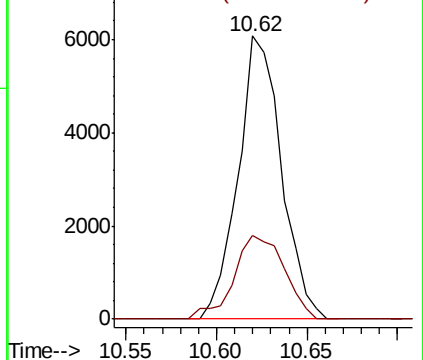
75 100

77 29.6 25.0 37.6



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: 4.500 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

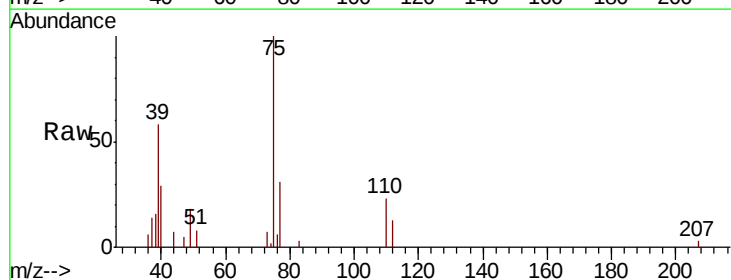
Tgt Ion: 75 Resp: 12332

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

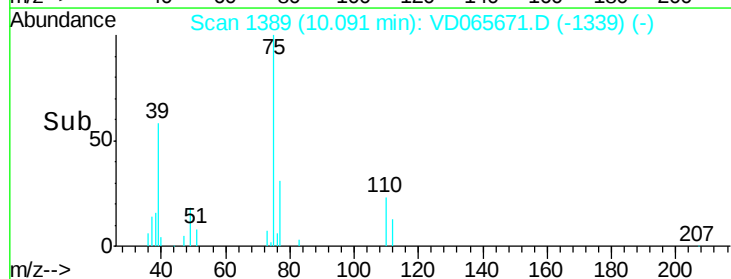
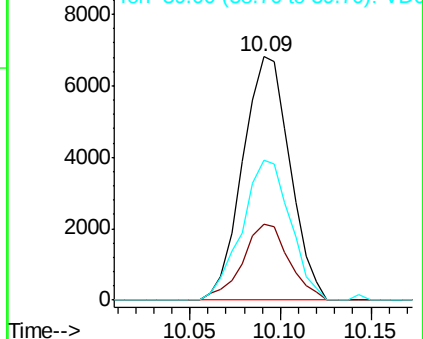
39 57.6 48.5 72.7

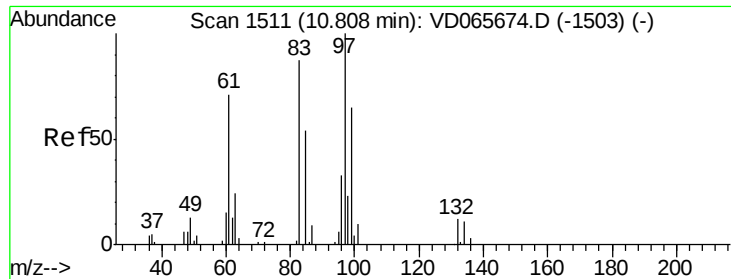


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 4.855 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

ClientSampled :

Tot Ion: 97 Resp: 6641

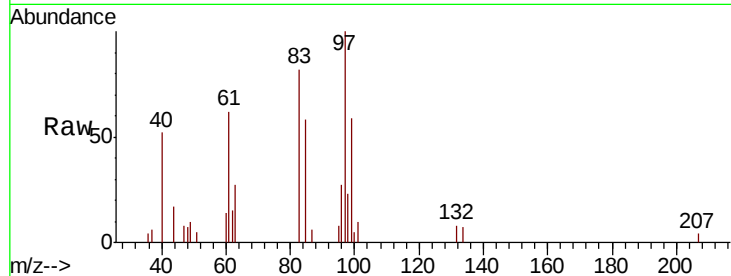
Ion Ratio Lower Upper

97 100

83 82.3 69.6 104.4

85 58.3 43.5 65.3

99 59.3 51.7 77.5

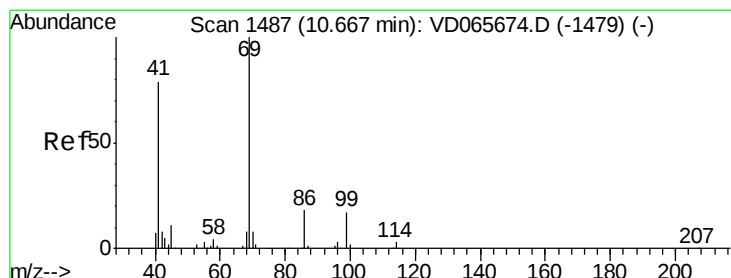
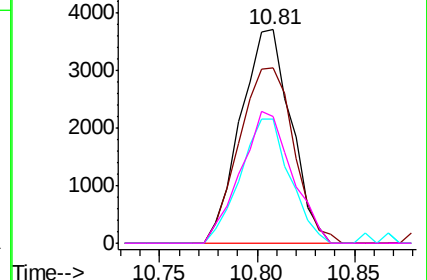
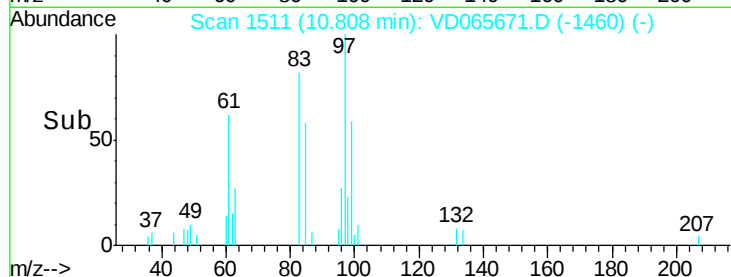


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 3.829 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

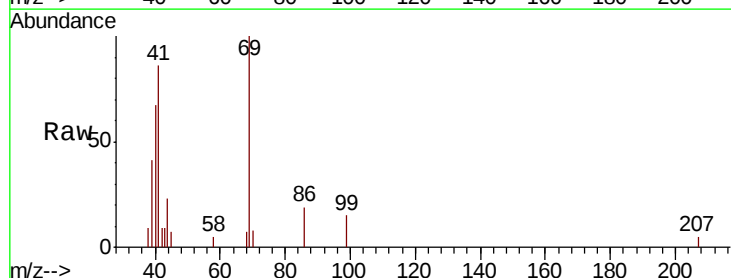
Tgt Ion: 69 Resp: 4885

Ion Ratio Lower Upper

69 100

41 81.4 62.3 93.5

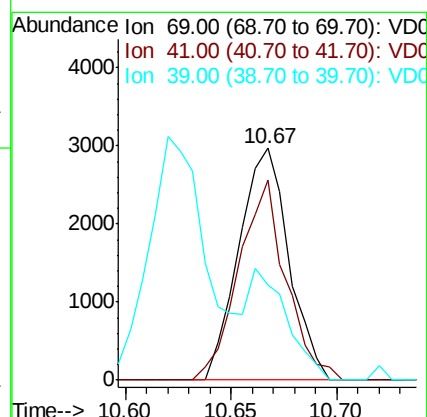
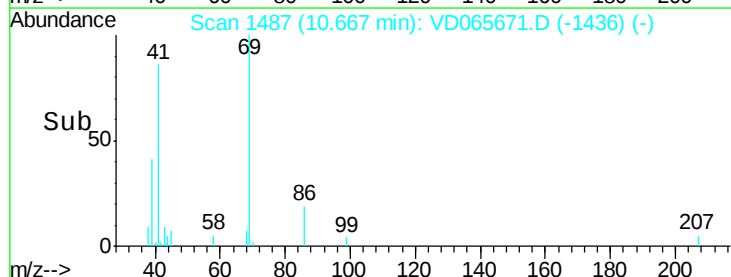
39 35.4 34.4 51.6

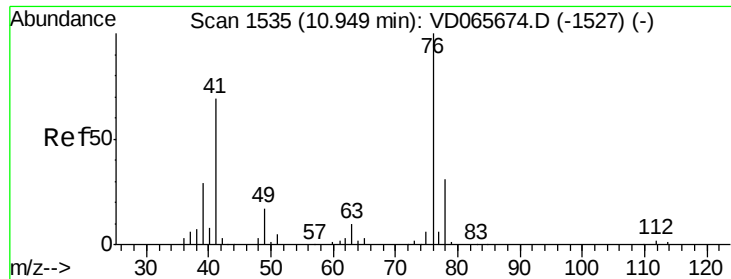


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 4.647 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

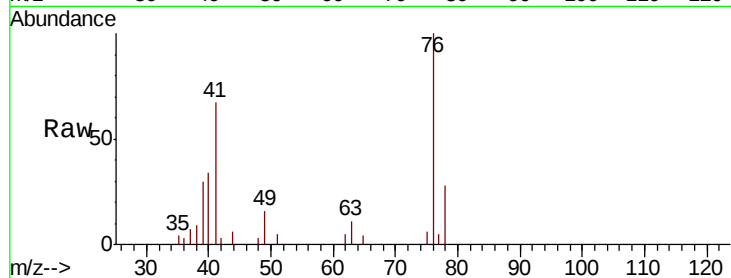
ClientSampleId :

Tot Ion: 76 Resp: 10539

Ion Ratio Lower Upper

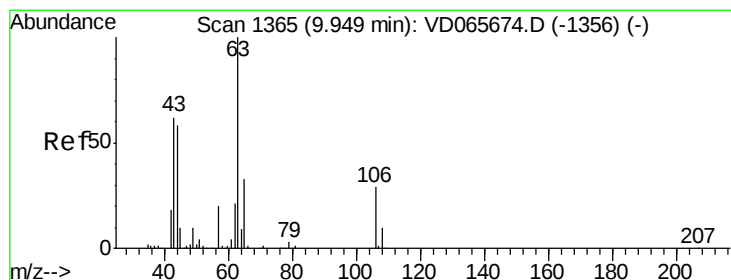
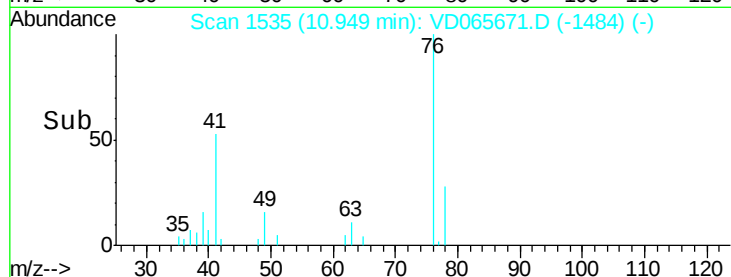
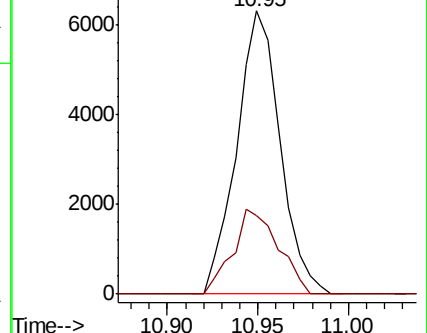
76 100

78 31.1 25.9 38.9



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: 20.702 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065671.D

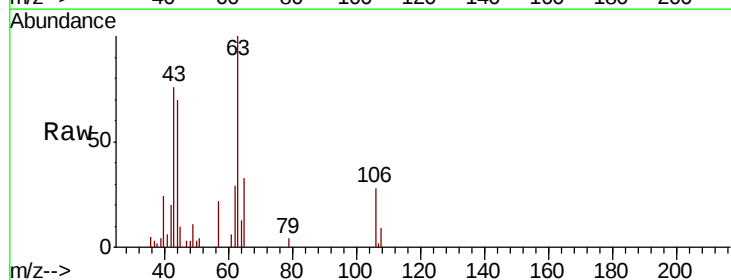
Acq: 24 Apr 2020 12:06

Tgt Ion: 63 Resp: 14147

Ion Ratio Lower Upper

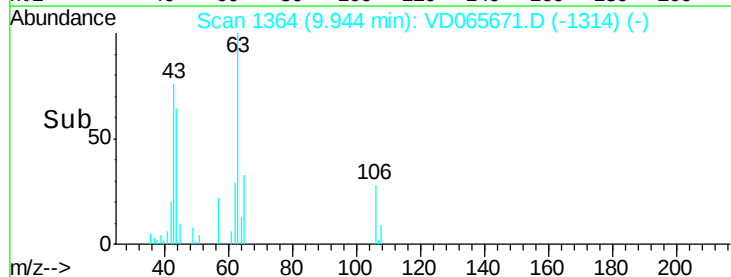
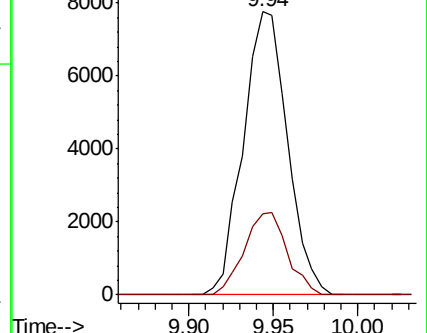
63 100

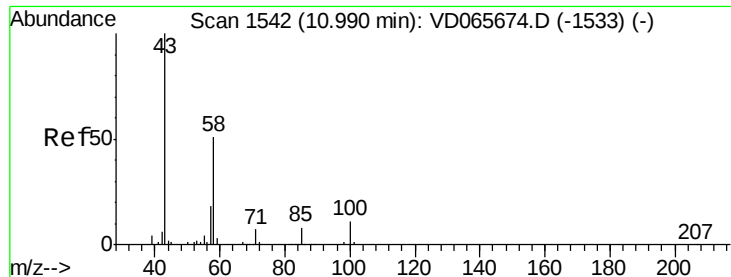
106 28.3 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

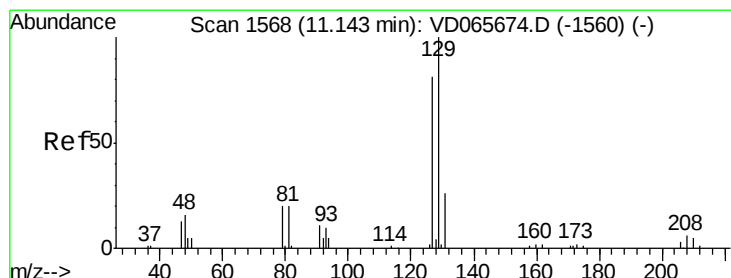
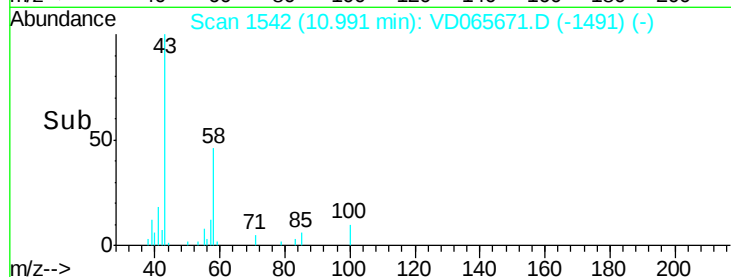
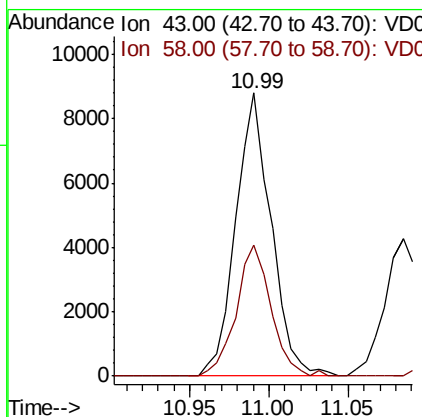
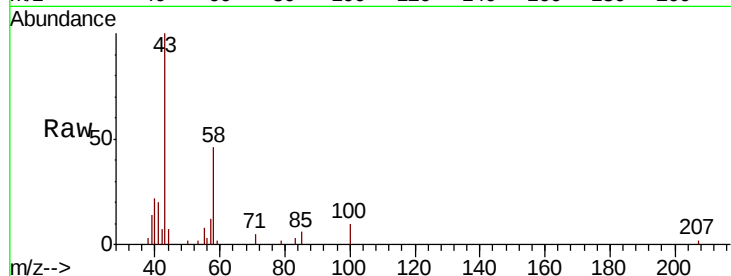




#59  
2-Hexanone  
Concen: 20.618 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

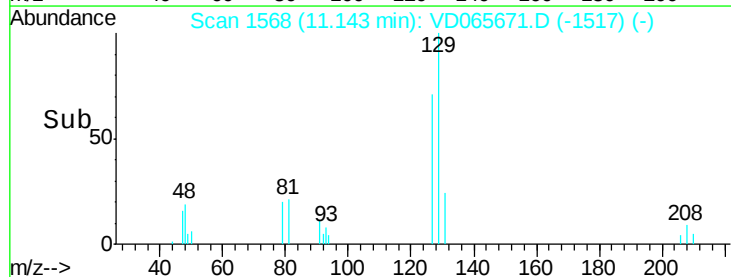
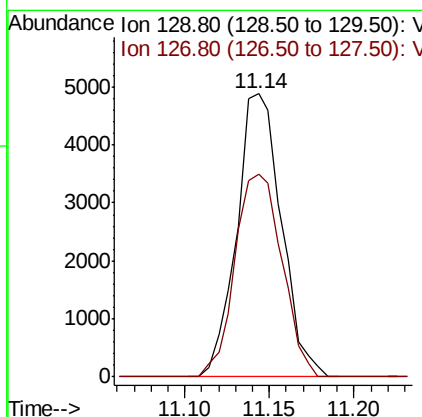
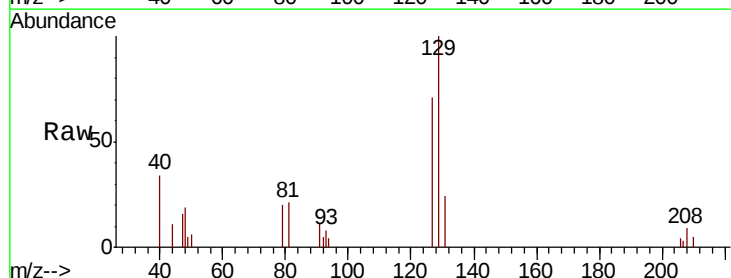
Instrument :  
MSVOA\_D  
ClientSampleId :

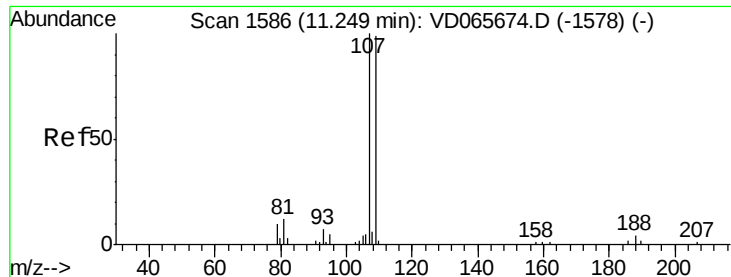
Tot Ion: 43 Resp: 13660  
Ion Ratio Lower Upper  
43 100  
58 45.4 24.9 74.7



#60  
Dibromochloromethane  
Concen: 4.918 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion: 129 Resp: 8981  
Ion Ratio Lower Upper  
129 100  
127 75.0 39.5 118.5





#61

1,2-Dibromoethane

Concen: 4.630 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

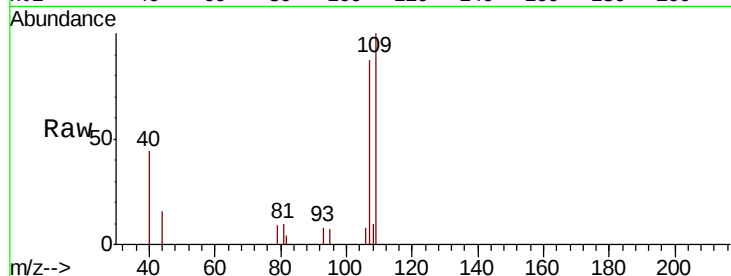
ClientSampleId :

Tot Ion:107 Resp: 5823

Ion Ratio Lower Upper

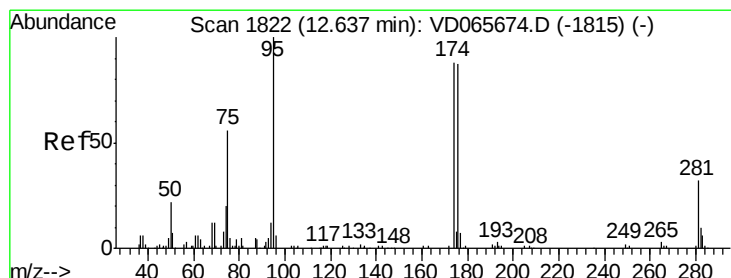
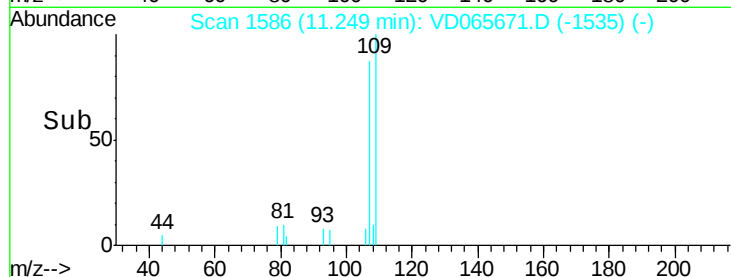
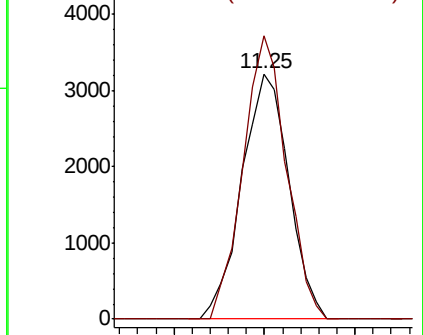
107 100

109 105.8 77.2 115.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.794 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

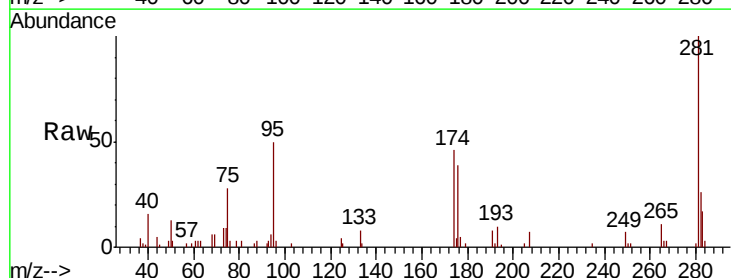
Tgt Ion: 95 Resp: 9600

Ion Ratio Lower Upper

95 100

174 87.8 0.0 181.0

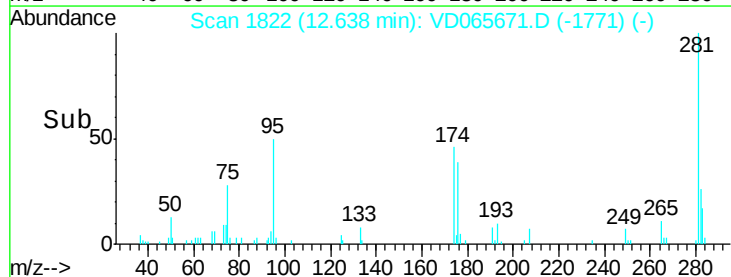
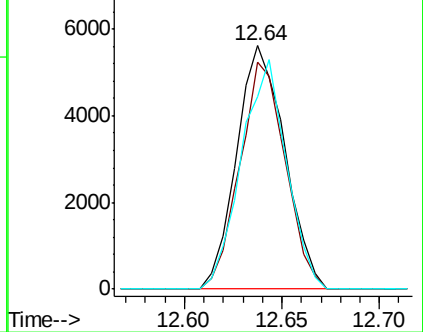
176 88.3 0.0 178.0

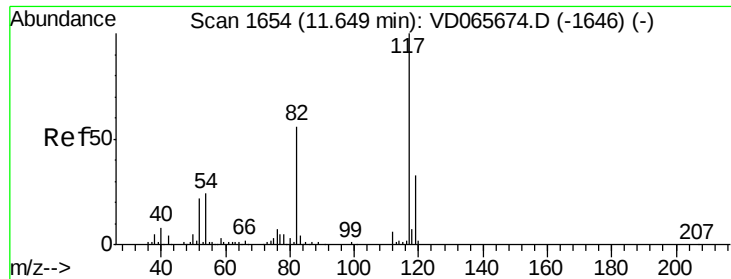


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

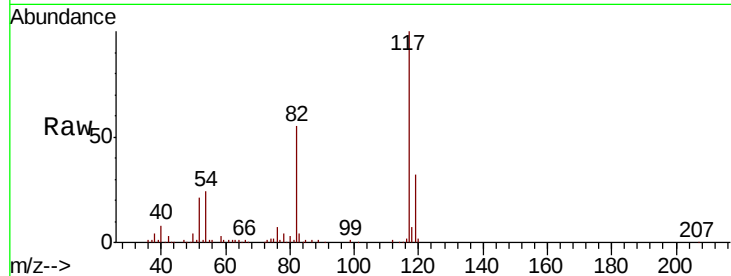




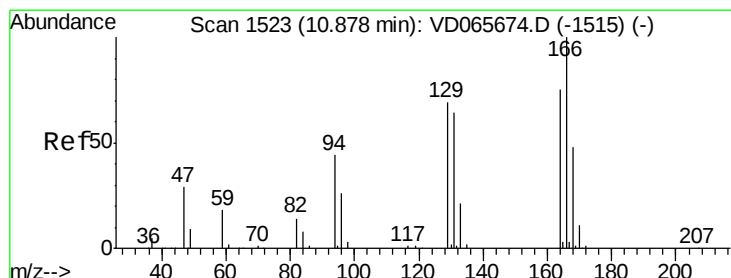
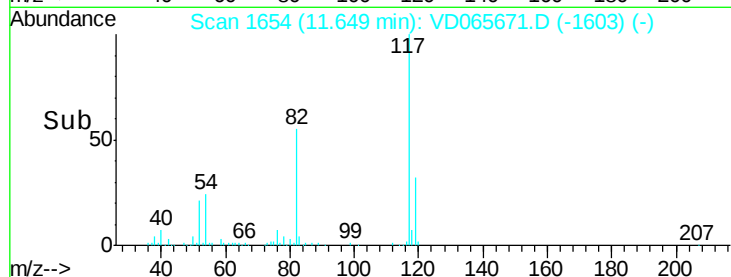
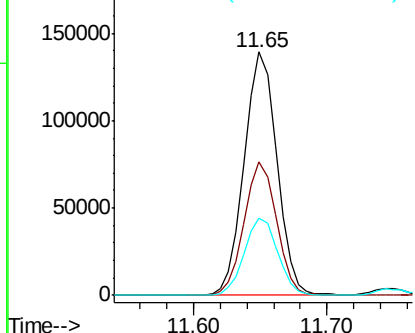
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:117 Resp: 236625  
Ion Ratio Lower Upper  
117 100  
82 54.8 44.6 67.0  
119 31.9 26.2 39.2

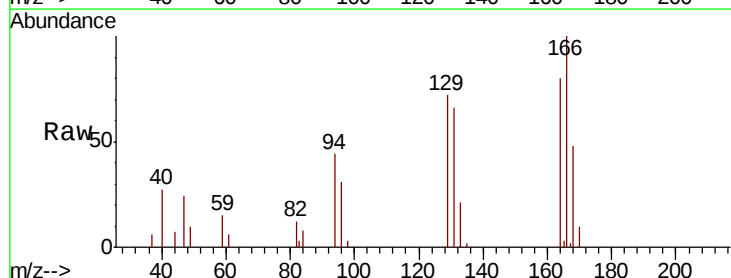


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

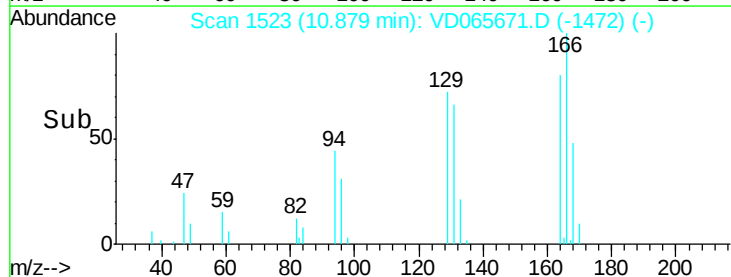
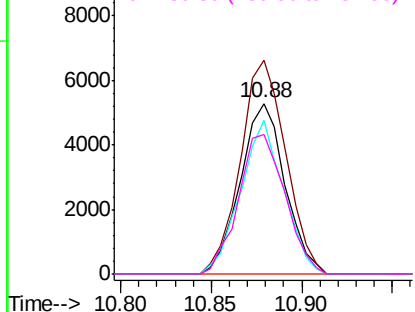


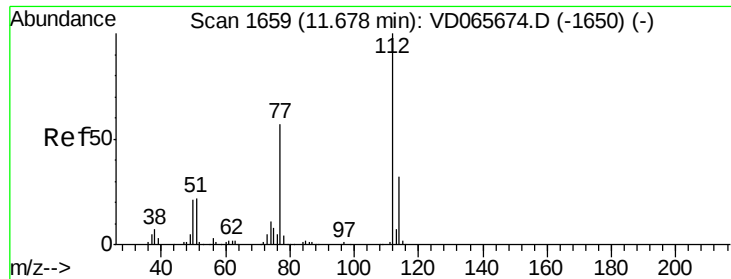
#64  
Tetrachloroethene  
Concen: 4.968 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion:164 Resp: 9039  
Ion Ratio Lower Upper  
164 100  
166 125.2 106.1 159.1  
129 89.9 73.0 109.4  
131 82.1 68.1 102.1



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

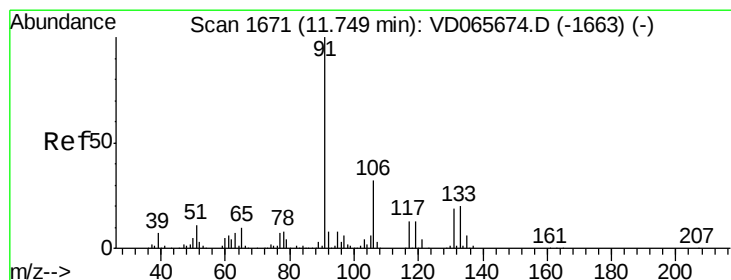
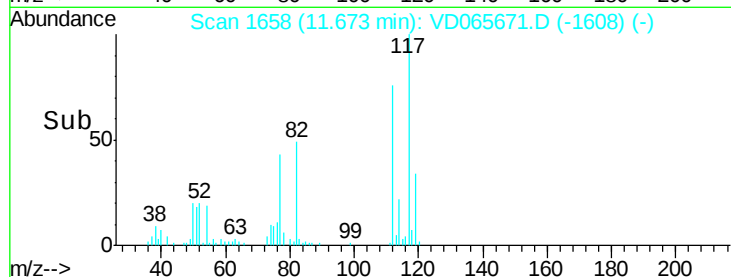
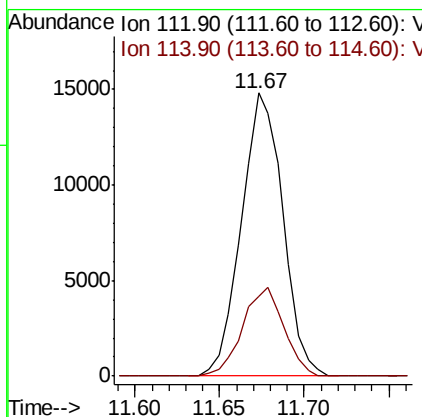
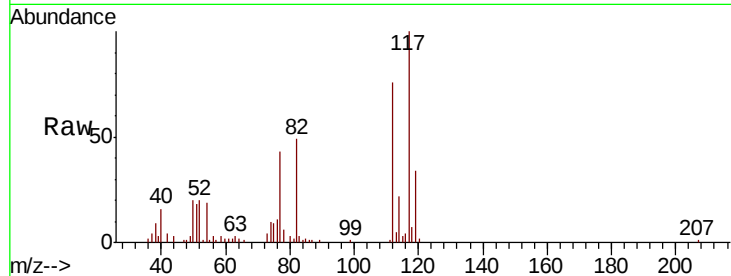




#65  
Chlorobenzene  
Concen: 5.004 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. -0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

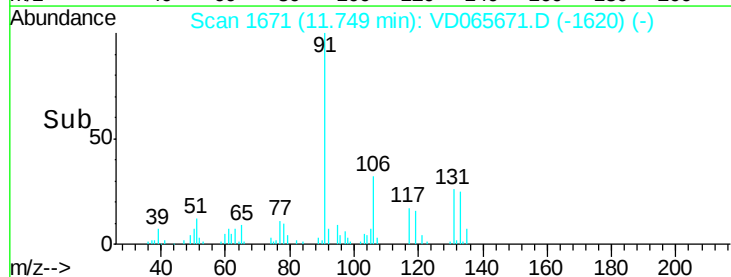
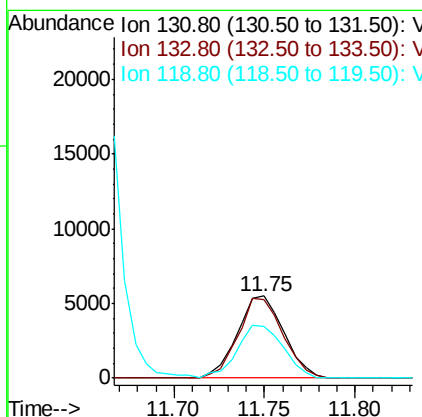
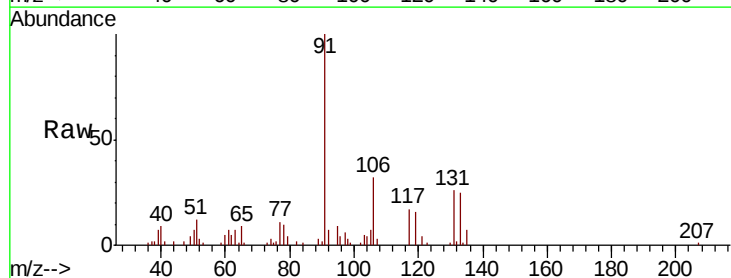
Instrument :  
MSVOA\_D  
ClientSampleId :

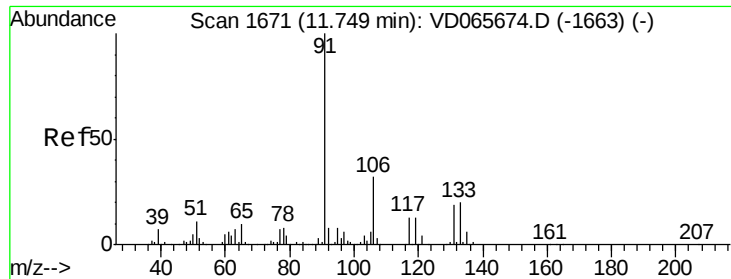
Tot Ion:112 Resp: 25212  
Ion Ratio Lower Upper  
112 100  
114 28.3 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.008 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion:131 Resp: 9749  
Ion Ratio Lower Upper  
131 100  
133 94.2 48.9 146.7  
119 64.2 32.6 97.7





#67

Ethyl Benzene

Concen: 4.401 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

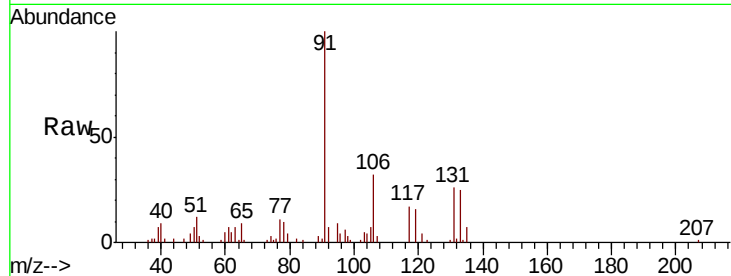
ClientSampleId :

Tot Ion: 91 Resp: 35786

Ion Ratio Lower Upper

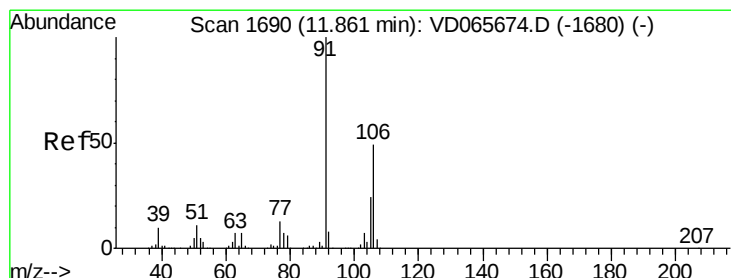
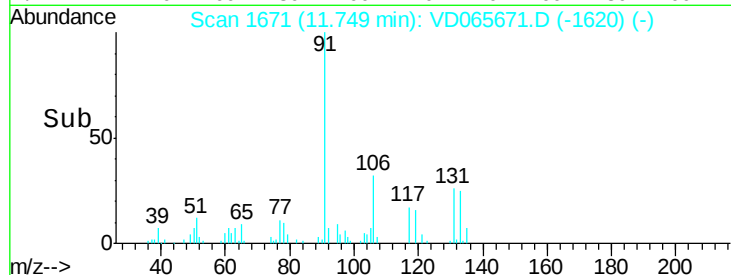
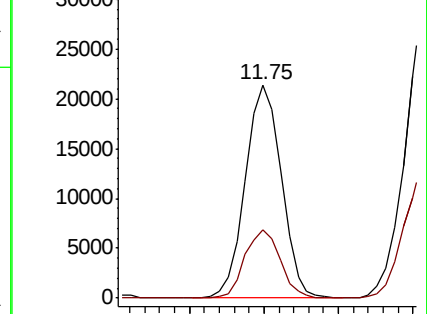
91 100

106 31.9 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 8.197 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD065671.D

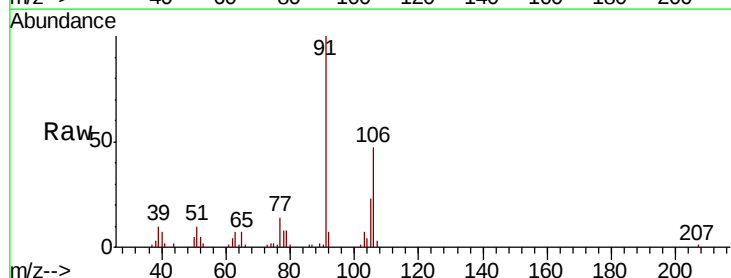
Acq: 24 Apr 2020 12:06

Tgt Ion: 106 Resp: 25968

Ion Ratio Lower Upper

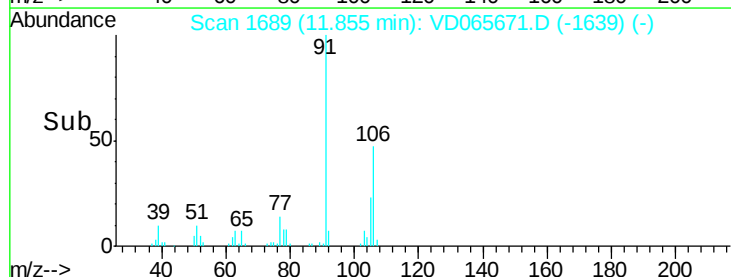
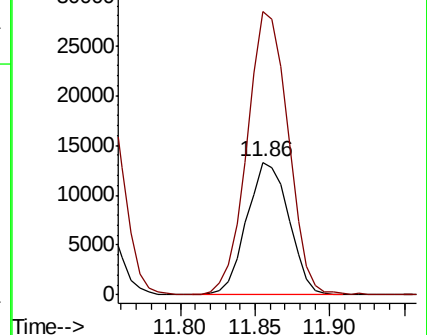
106 100

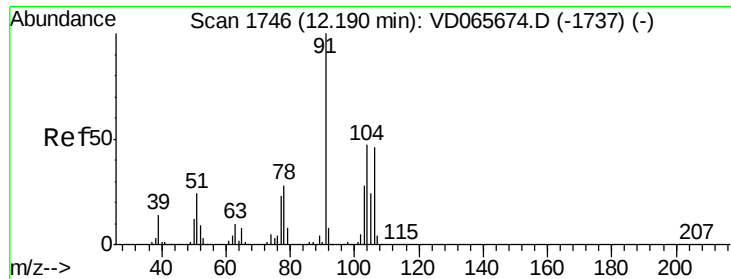
91 208.5 163.6 245.4



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

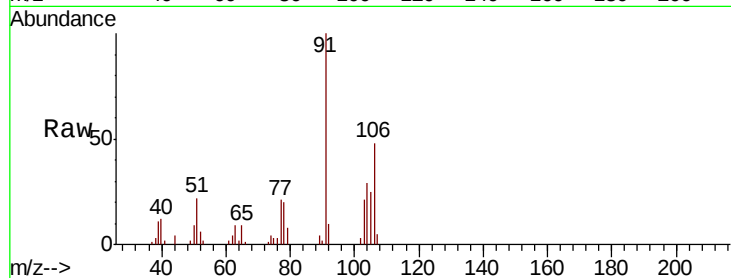




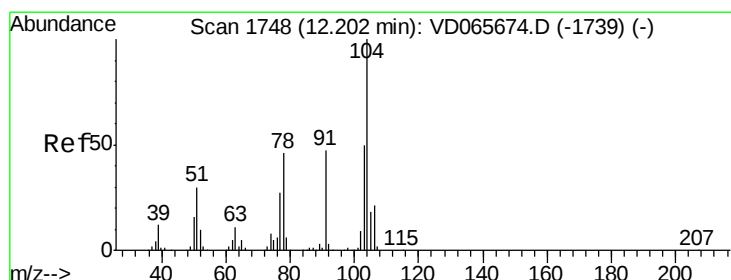
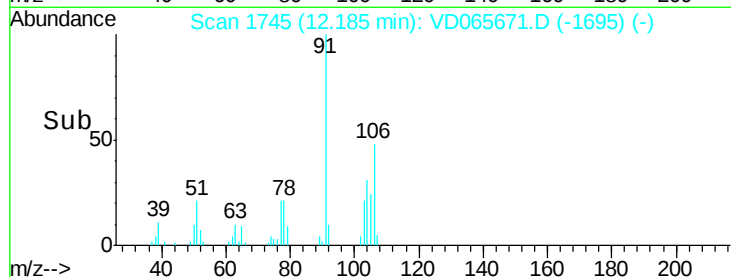
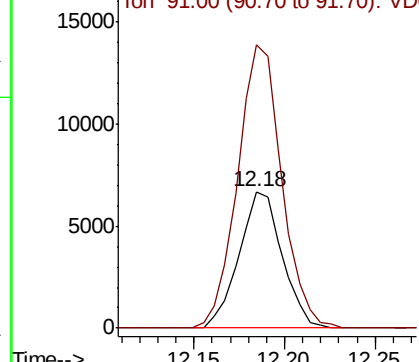
#69  
o-Xylene  
Concen: 4.157 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. -0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:106 Resp: 11036  
Ion Ratio Lower Upper  
106 100  
91 212.7 109.9 329.8

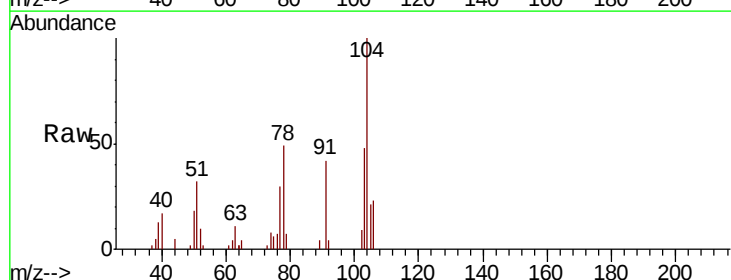


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): V

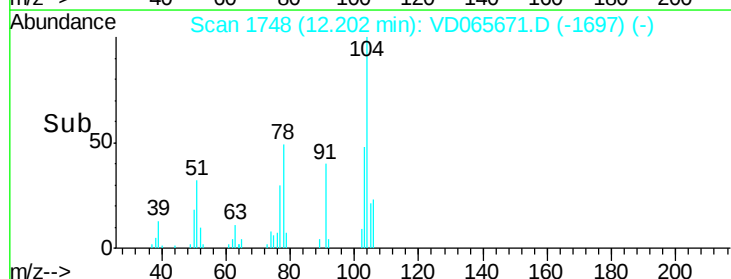
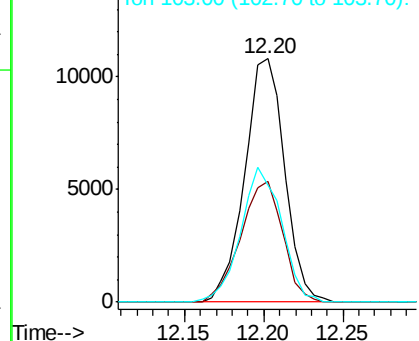


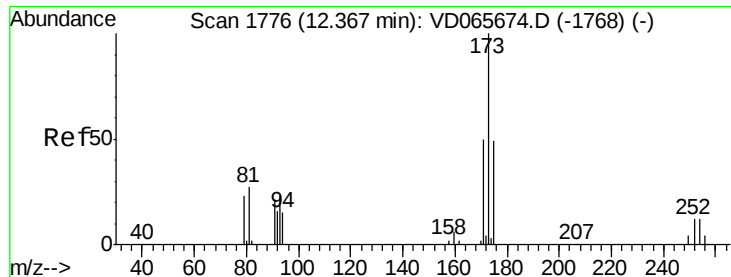
#70  
Styrene  
Concen: 3.943 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion:104 Resp: 18956  
Ion Ratio Lower Upper  
104 100  
78 52.2 39.6 59.4  
103 56.6 43.7 65.5



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

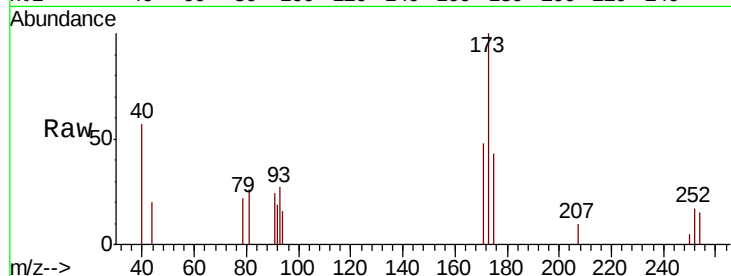




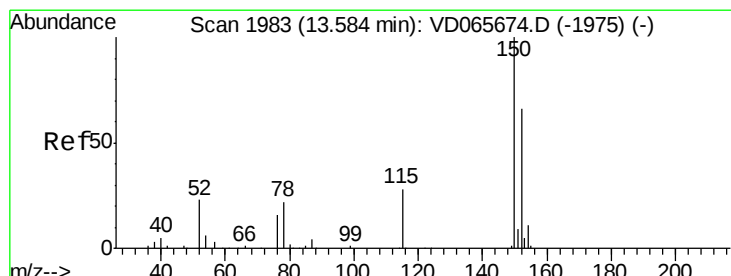
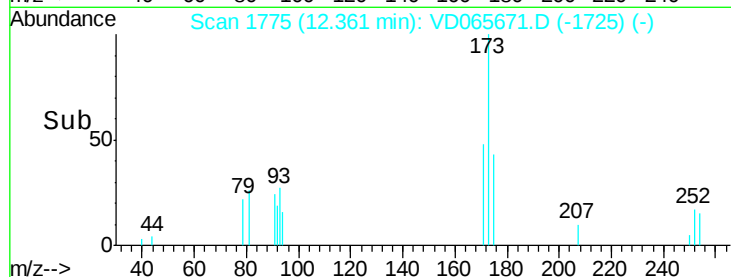
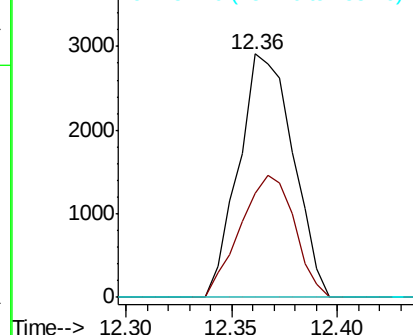
#71  
Bromoform  
Concen: 4.773 ug/l  
RT: 12.36 min Scan# 1775  
Delta R.T. -0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:173 Resp: 5196  
Ion Ratio Lower Upper  
173 100  
175 49.9 24.3 73.0  
254 0.0 0.0 0.0

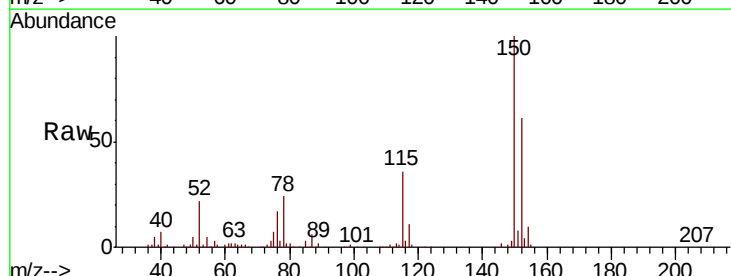


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

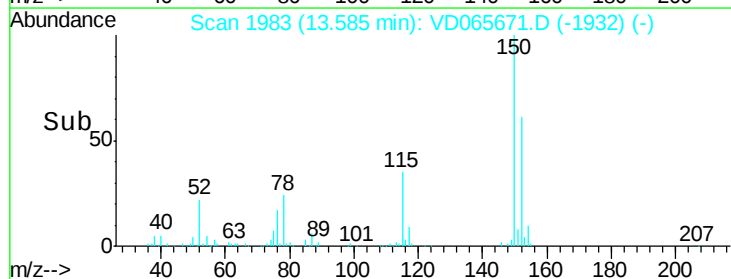
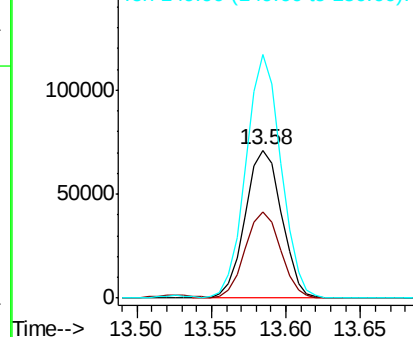


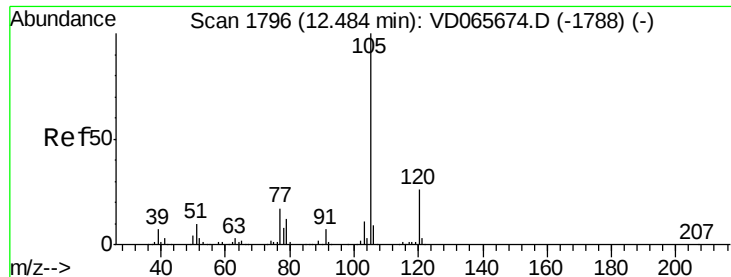
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1983  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion:152 Resp: 120351  
Ion Ratio Lower Upper  
152 100  
115 56.9 28.1 84.2  
150 158.5 0.0 343.2



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





#73

Isopropylbenzene

Concen: 4.335 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

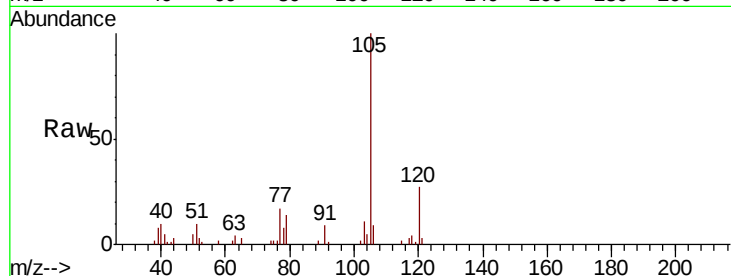
ClientSampleId :

Tot Ion:105 Resp: 30433

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

20000

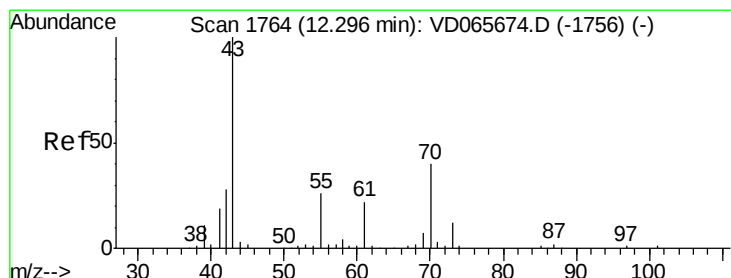
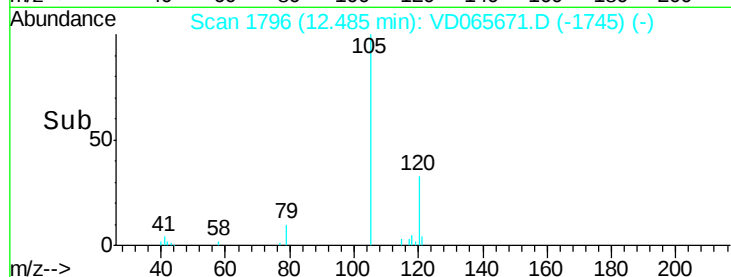
15000

10000

5000

0

Time--> 12.40 12.45 12.50 12.55



#74

N-ethyl acetate

Concen: 4.378 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Tgt Ion: 43 Resp: 6928

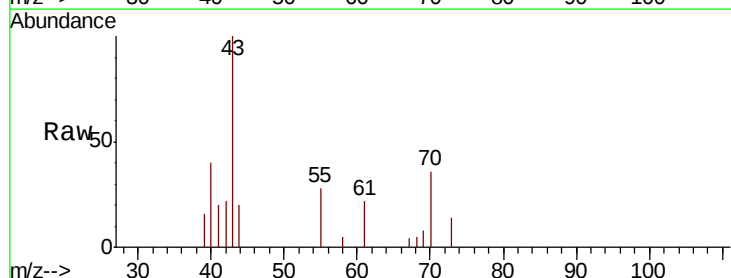
Ion Ratio Lower Upper

43 100

70 33.0 32.2 48.4

55 27.6 21.4 32.2

61 19.6 17.9 26.9



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

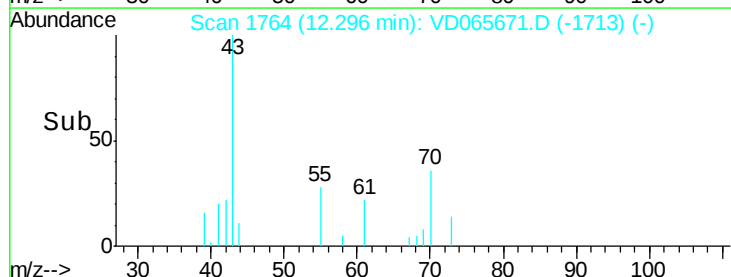
6000

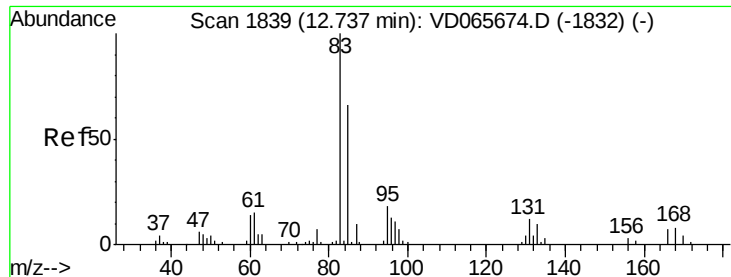
4000

2000

0

Time--> 12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 5.061 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

ClientSampleId :

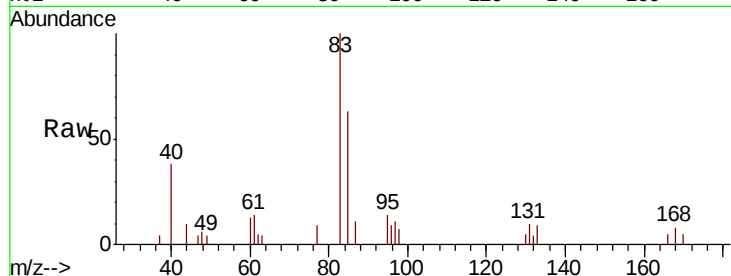
Tot Ion: 83 Resp: 7150

Ion Ratio Lower Upper

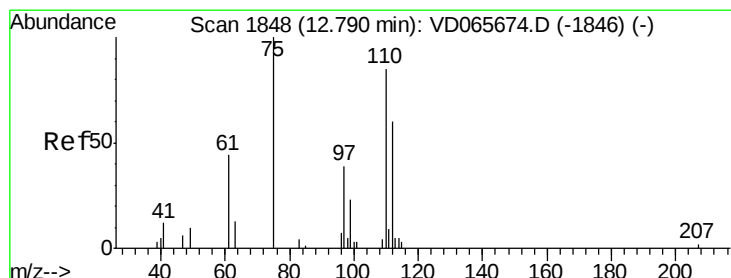
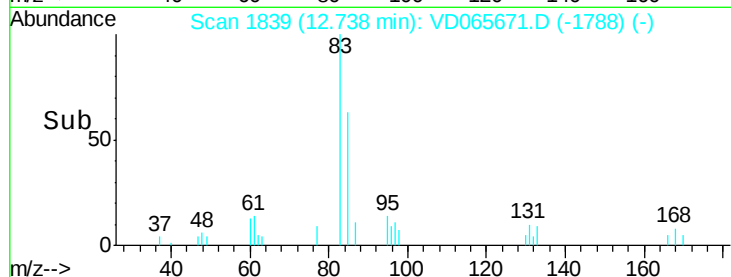
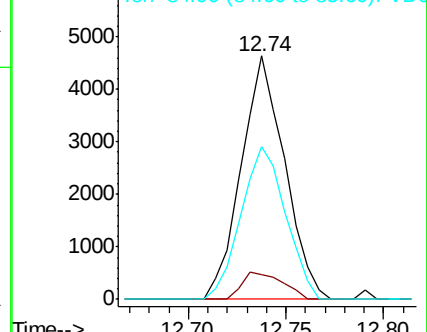
83 100

131 10.3 5.5 16.7

85 64.3 32.1 96.3



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: 8.361 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065671.D

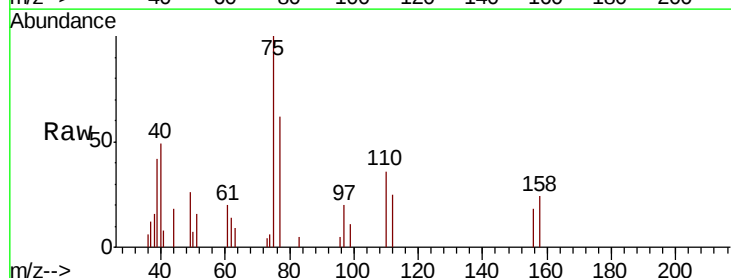
Acq: 24 Apr 2020 12:06

Tgt Ion: 75 Resp: 8905

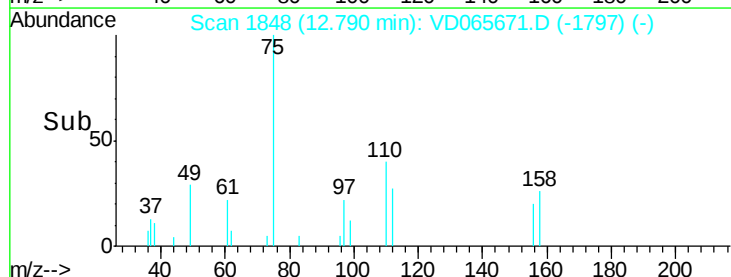
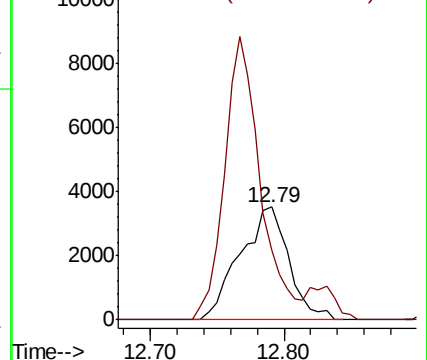
Ion Ratio Lower Upper

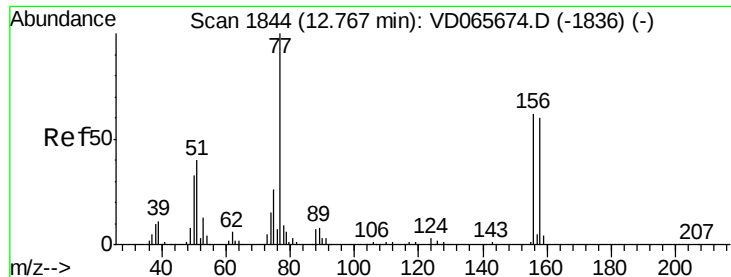
75 100

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: 4.805 ug/l

RT: 12.77 min Scan# 1845

Delta R.T. 0.01 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

ClientSampled :

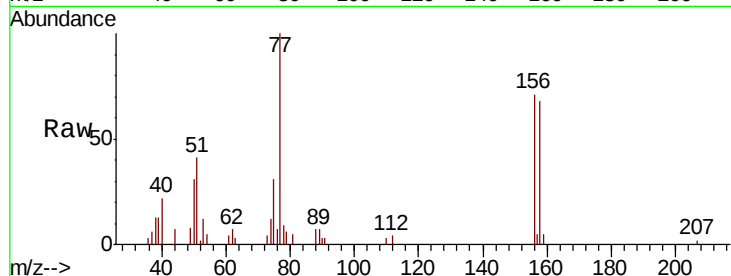
Tot Ion:156 Resp: 9343

Ion Ratio Lower Upper

156 100

77 178.4 87.3 261.9

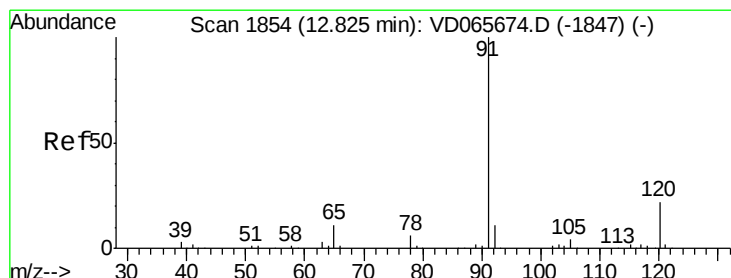
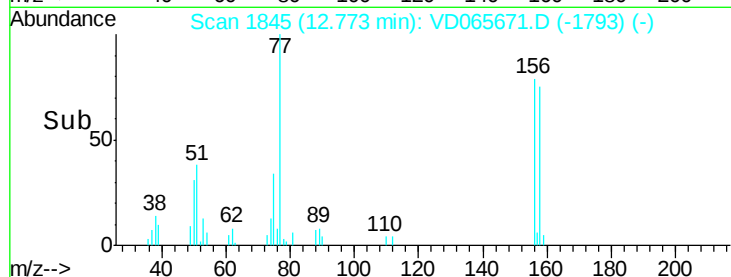
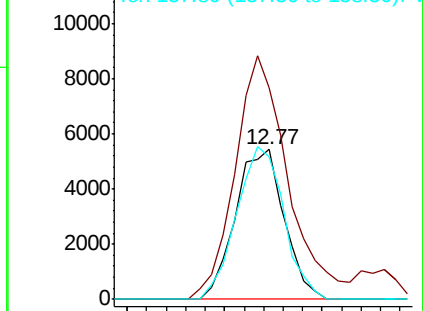
158 99.3 47.8 143.4



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: 4.309 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065671.D

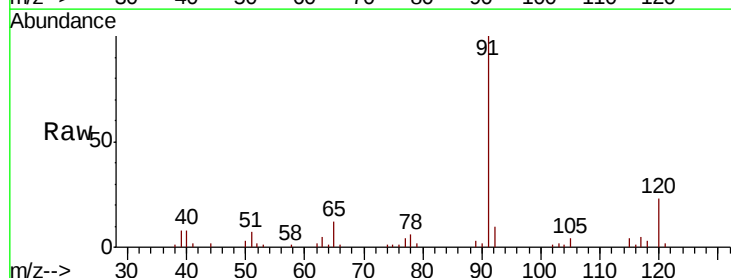
Acq: 24 Apr 2020 12:06

Tgt Ion: 91 Resp: 37981

Ion Ratio Lower Upper

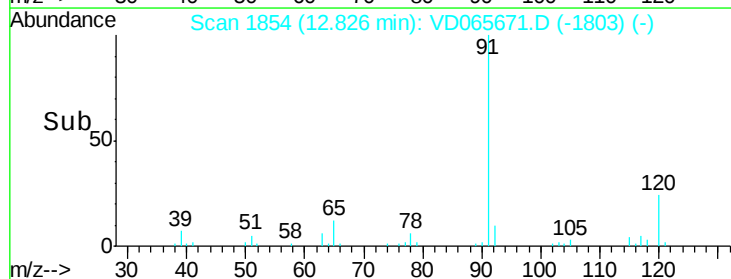
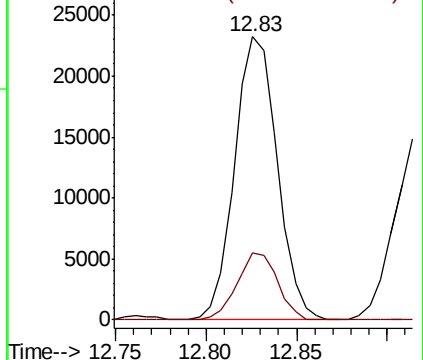
91 100

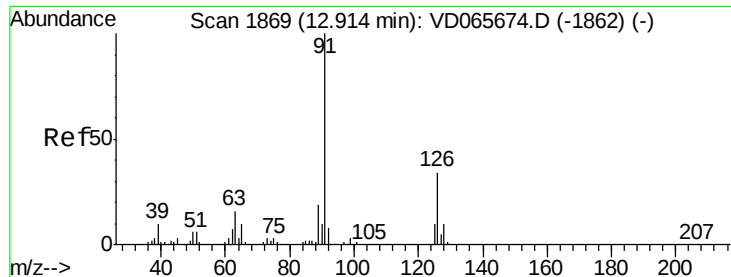
120 22.3 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.543 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

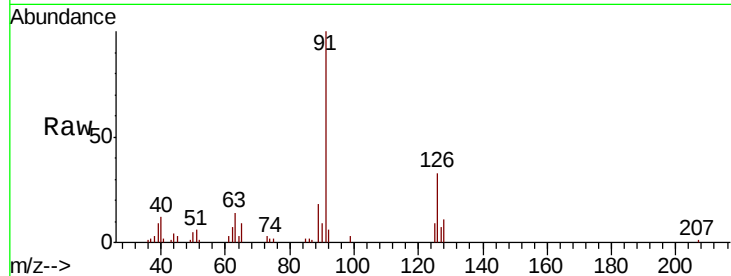
ClientSampleId :

Tot Ion: 91 Resp: 23223

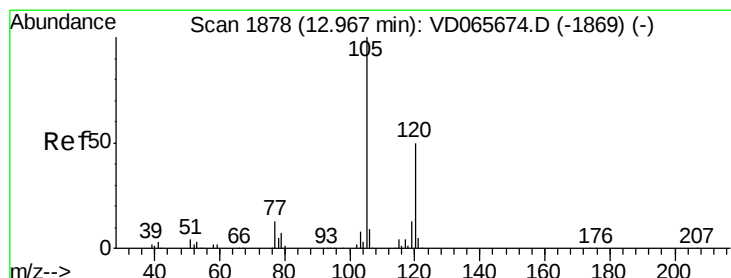
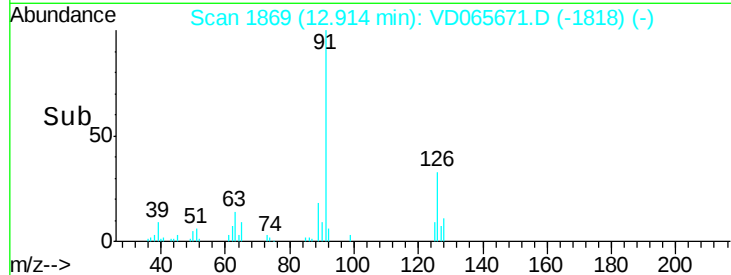
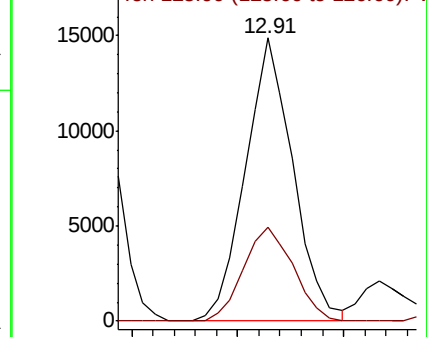
Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 4.031 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065671.D

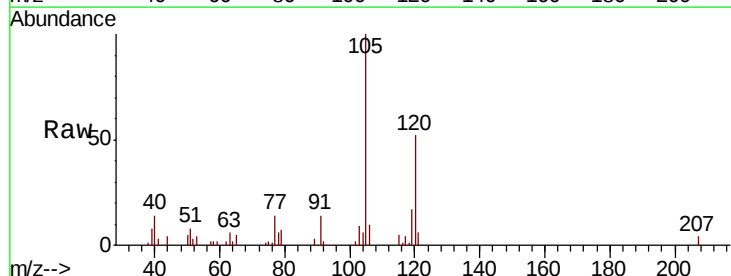
Acq: 24 Apr 2020 12:06

Tgt Ion:105 Resp: 24263

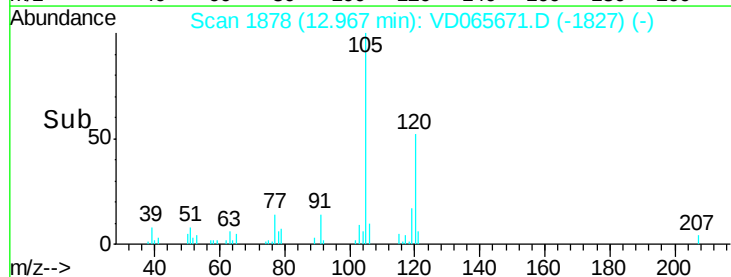
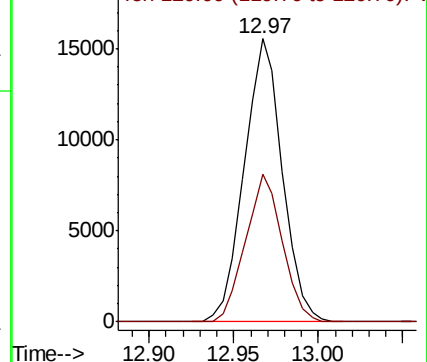
Ion Ratio Lower Upper

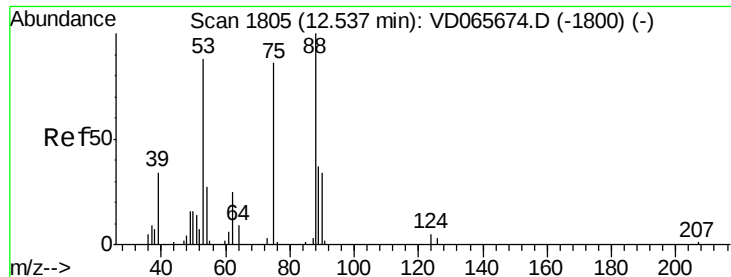
105 100

120 50.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

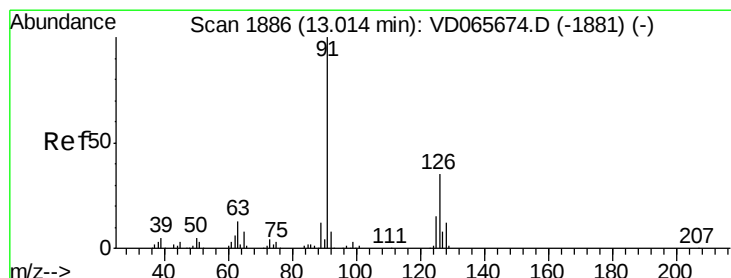
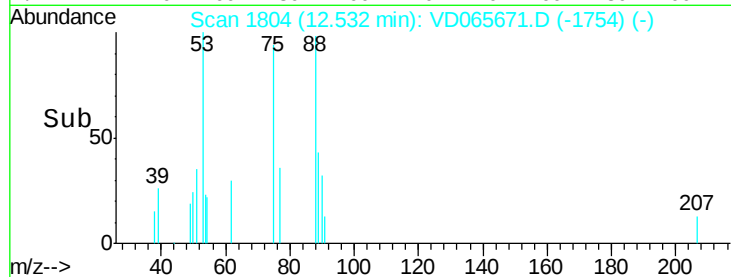
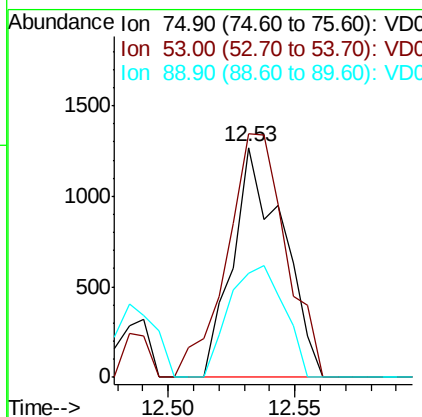
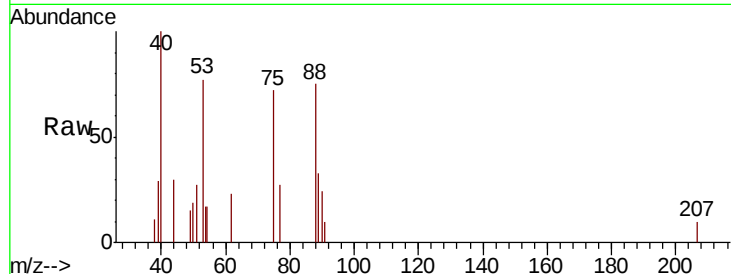




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.111 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. -0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

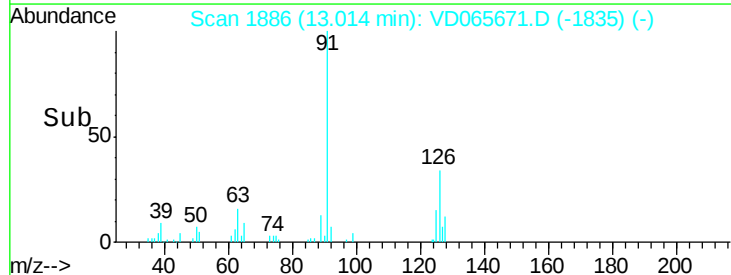
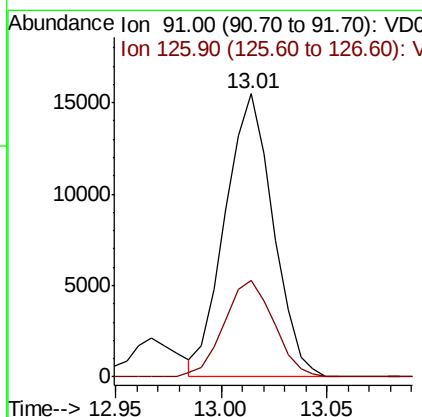
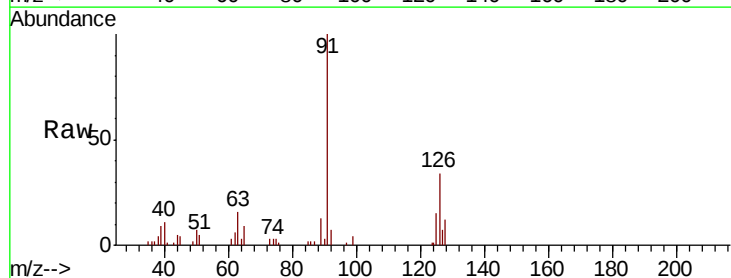
Instrument :  
MSVOA\_D  
ClientSampleId :

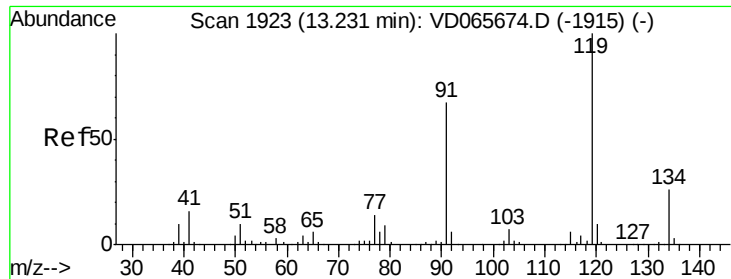
Tot Ion: 75 Resp: 1754  
Ion Ratio Lower Upper  
75 100  
53 124.1 86.6 129.8  
89 53.4 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 4.398 ug/l  
RT: 13.01 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion: 91 Resp: 24440  
Ion Ratio Lower Upper  
91 100  
126 35.3 16.8 50.4

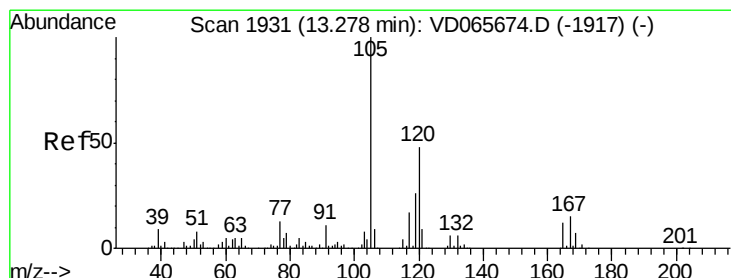
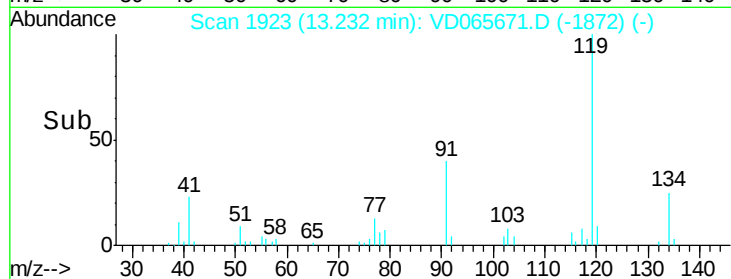
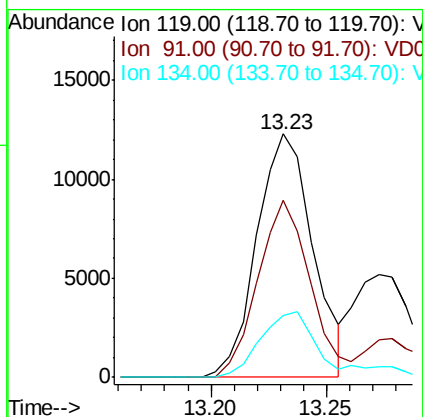
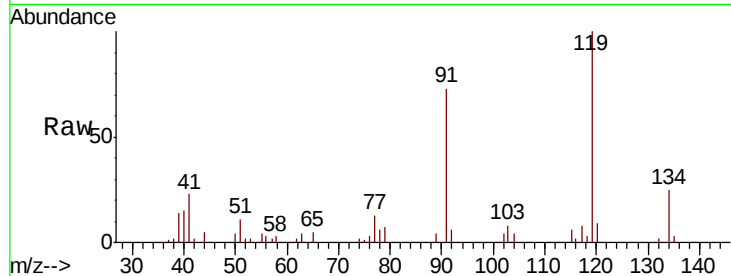




#83  
 tert-Butylbenzene  
 Concen: 4.279 ug/l  
 RT: 13.23 min Scan# 1923  
 Delta R.T. 0.00 min  
 Lab File: VD065671.D  
 Acq: 24 Apr 2020 12:06

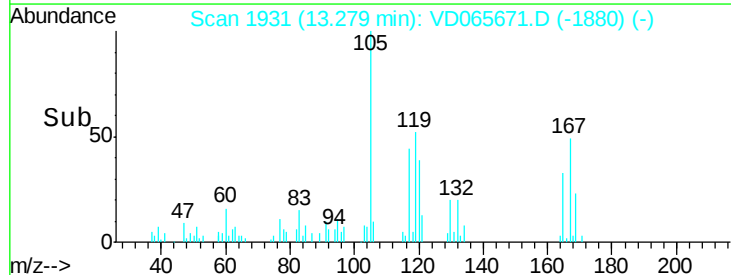
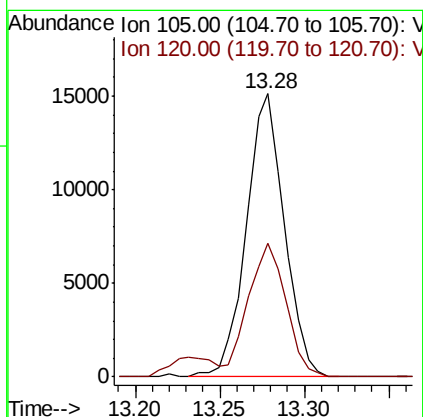
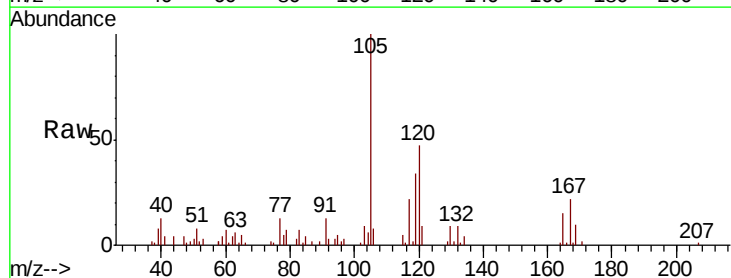
Instrument :  
 MSVOA\_D  
 ClientSampleId :

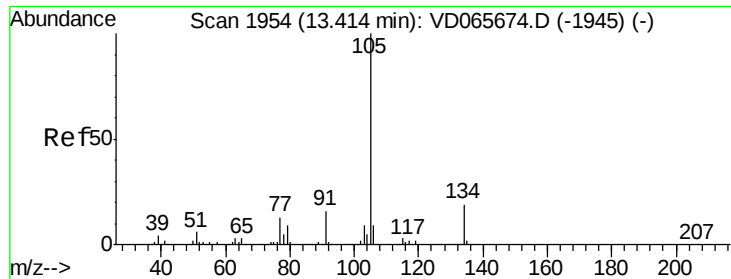
Tot Ion:119 Resp: 20742  
 Ion Ratio Lower Upper  
 119 100  
 91 68.1 33.3 99.9  
 134 27.2 14.2 42.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 3.966 ug/l  
 RT: 13.28 min Scan# 1931  
 Delta R.T. 0.00 min  
 Lab File: VD065671.D  
 Acq: 24 Apr 2020 12:06

Tgt Ion:105 Resp: 23654  
 Ion Ratio Lower Upper  
 105 100  
 120 46.9 23.2 69.5

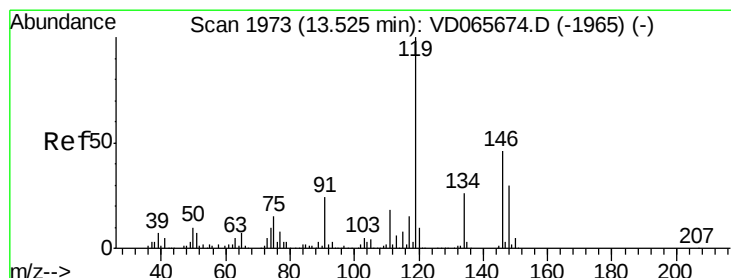
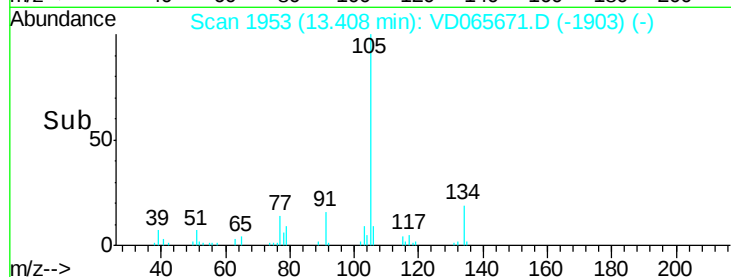
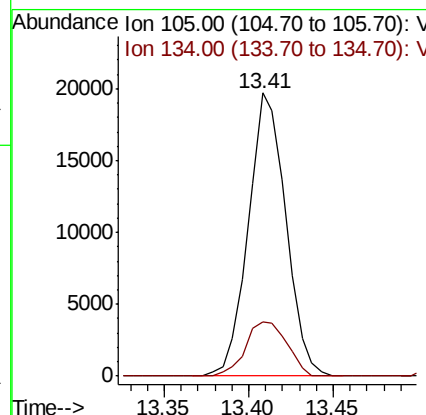
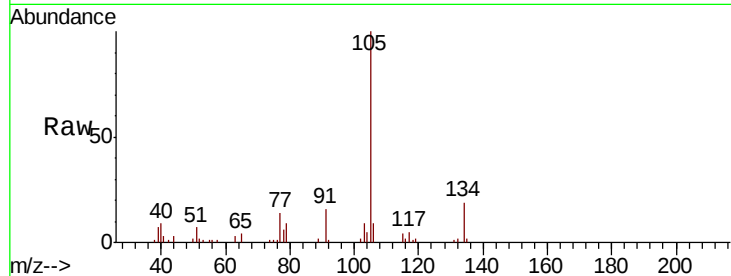




#85  
 sec-Butylbenzene  
 Concen: 4.271 ug/l  
 RT: 13.41 min Scan# 1953  
 Delta R.T. -0.01 min  
 Lab File: VD065671.D  
 Acq: 24 Apr 2020 12:06

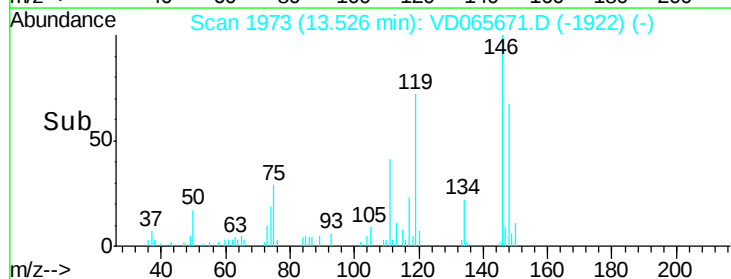
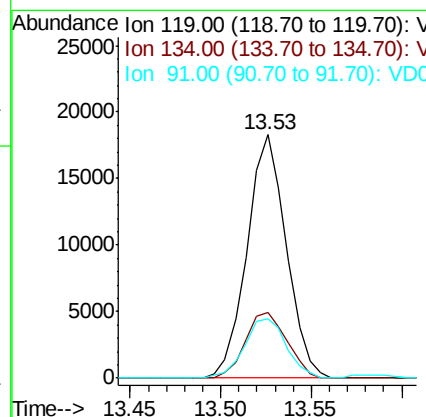
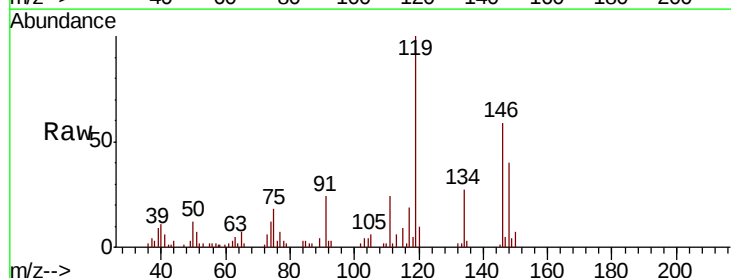
Instrument :  
 MSVOA\_D  
 ClientSampleId :

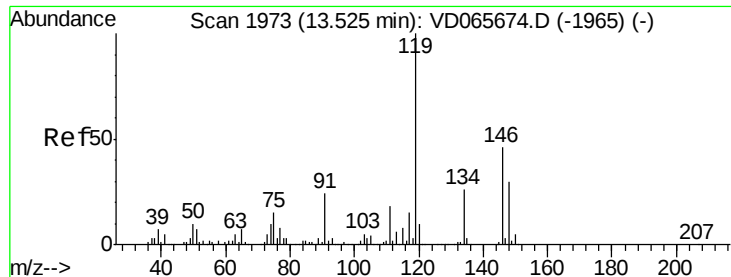
Tot Ion:105 Resp: 30448  
 Ion Ratio Lower Upper  
 105 100  
 134 21.2 10.3 30.8



#86  
 p-Isopropyltoluene  
 Concen: 4.106 ug/l  
 RT: 13.53 min Scan# 1973  
 Delta R.T. 0.00 min  
 Lab File: VD065671.D  
 Acq: 24 Apr 2020 12:06

Tgt Ion:119 Resp: 27412  
 Ion Ratio Lower Upper  
 119 100  
 134 28.7 13.2 39.5  
 91 26.3 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 4.800 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

ClientSampleId :

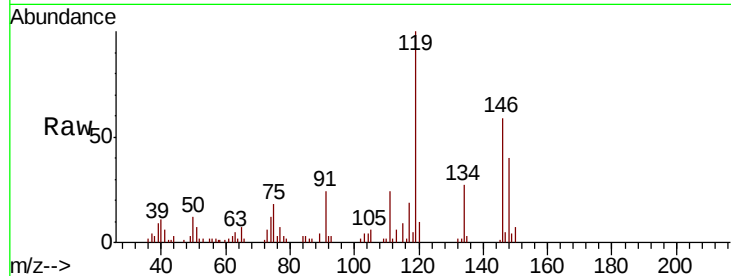
Tot Ion:146 Resp: 18454

Ion Ratio Lower Upper

146 100

111 37.9 19.3 57.9

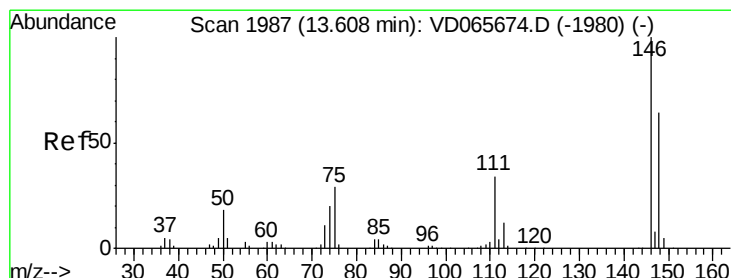
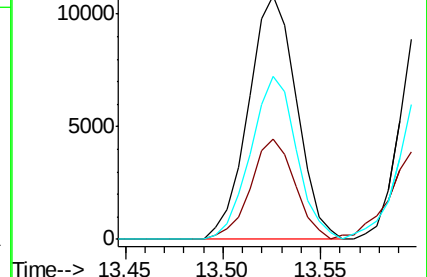
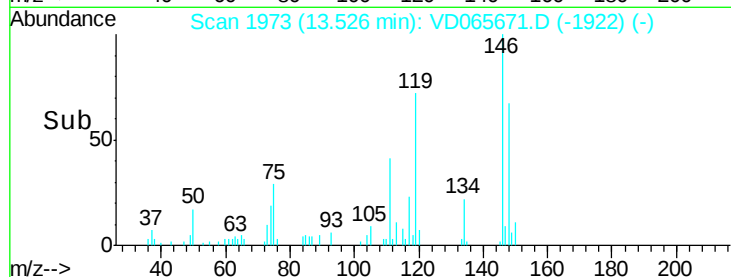
148 63.7 32.6 97.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.031 ug/l

RT: 13.61 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

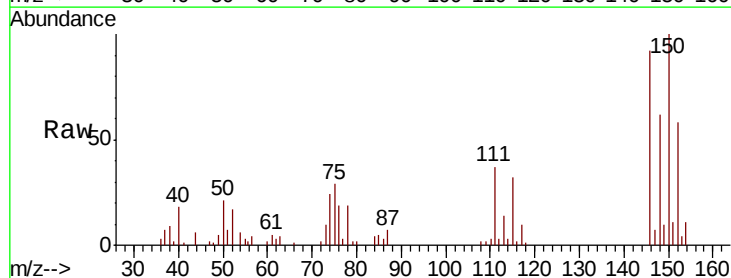
Tgt Ion:146 Resp: 19596

Ion Ratio Lower Upper

146 100

111 46.1 18.3 54.8

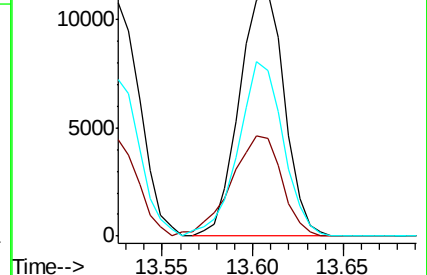
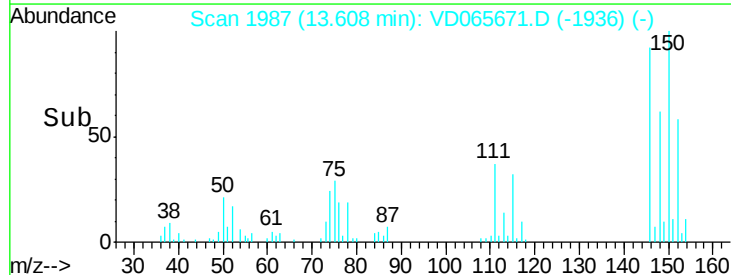
148 70.9 32.1 96.5

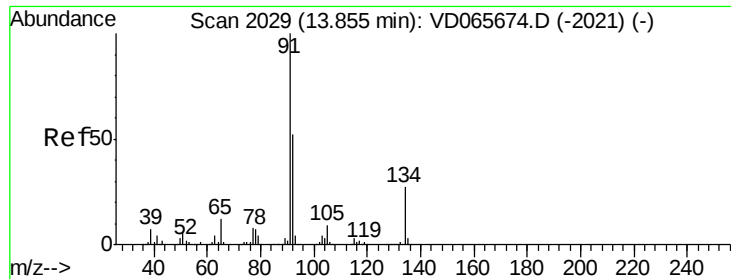


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

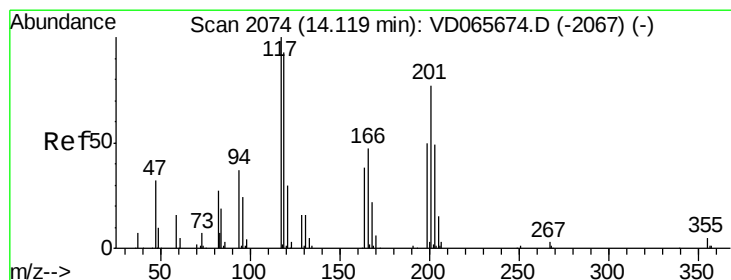
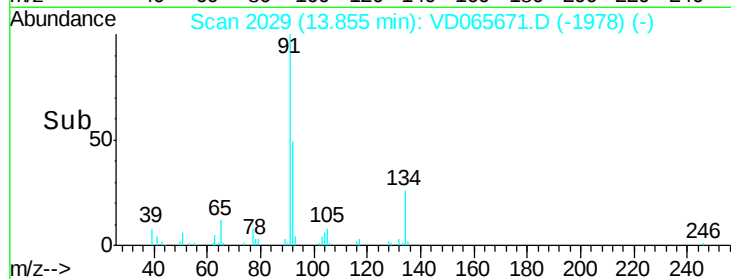
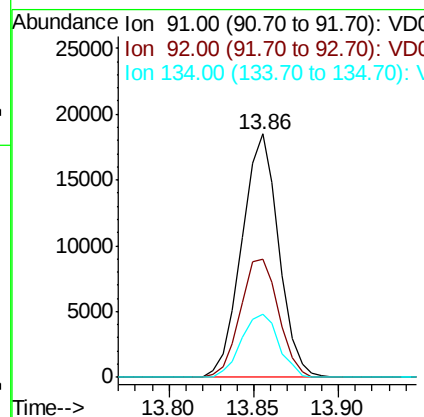
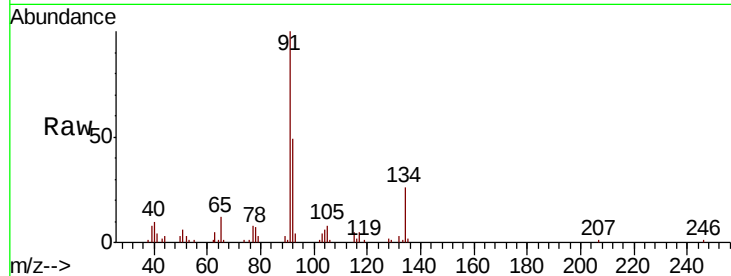




#89  
n-Butylbenzene  
Concen: 4.556 ug/l  
RT: 13.86 min Scan# 2029  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

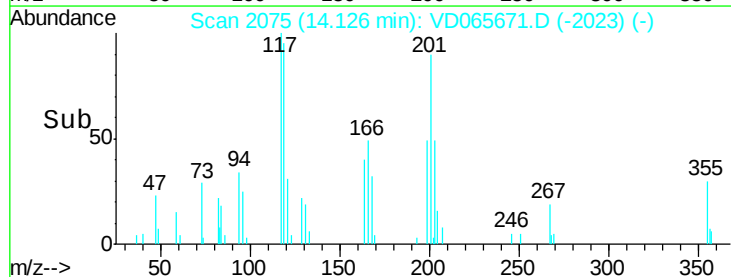
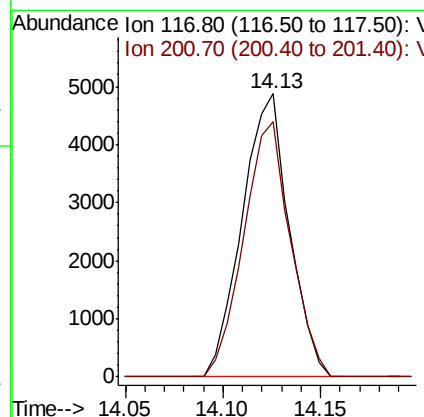
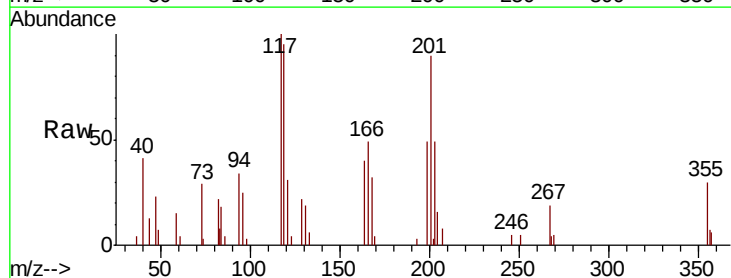
Instrument :  
MSVOA\_D  
ClientSampled :

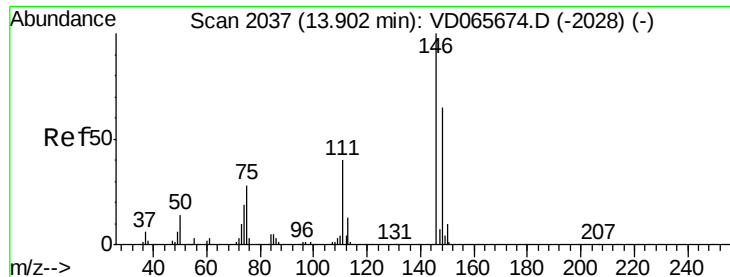
Tot Ion: 91 Resp: 28166  
Ion Ratio Lower Upper  
91 100  
92 50.3 26.3 78.8  
134 26.4 13.0 39.0



#90  
Hexachloroethane  
Concen: 5.178 ug/l  
RT: 14.13 min Scan# 2075  
Delta R.T. 0.01 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion: 117 Resp: 8149  
Ion Ratio Lower Upper  
117 100  
201 89.6 42.1 126.3





#91

1,2-Dichlorobenzene

Concen: 4.932 ug/l

RT: 13.90 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

Instrument :

MSVOA\_D

ClientSampled :

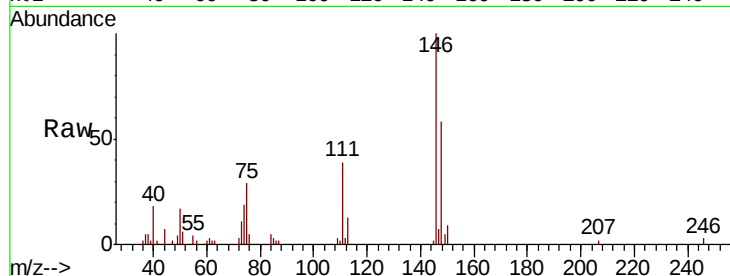
Tot Ion:146 Resp: 16438

Ion Ratio Lower Upper

146 100

111 39.2 19.8 59.3

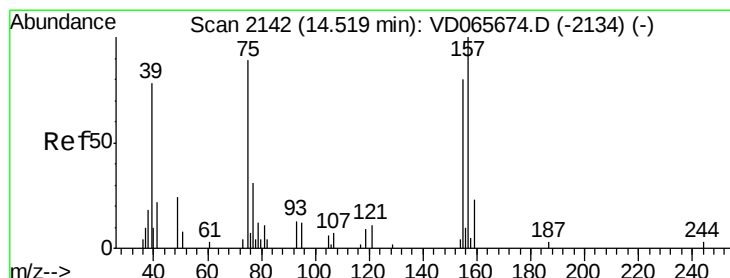
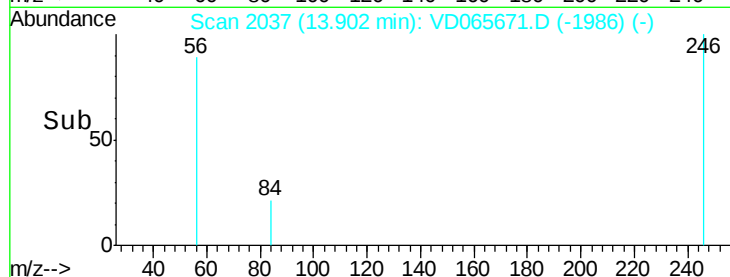
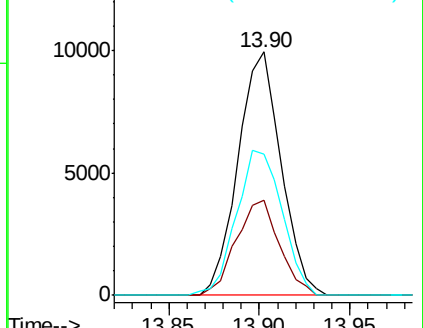
148 63.0 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.935 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.01 min

Lab File: VD065671.D

Acq: 24 Apr 2020 12:06

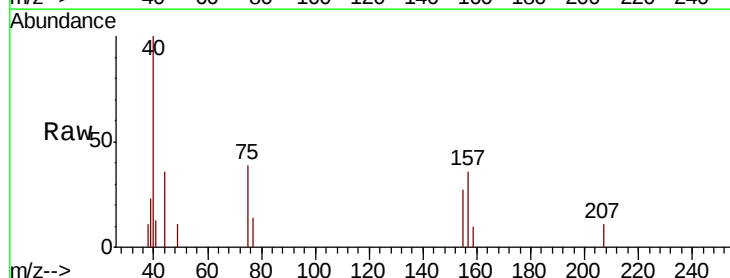
Tgt Ion: 75 Resp: 1088

Ion Ratio Lower Upper

75 100

155 84.0 41.8 125.3

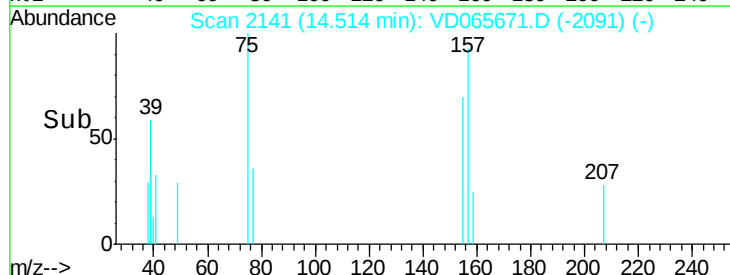
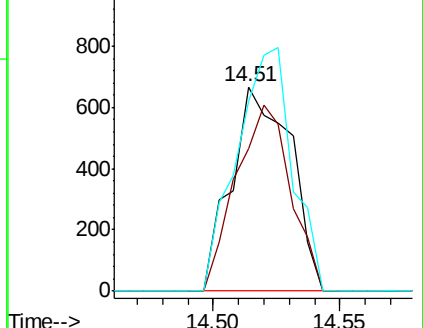
157 111.9 53.9 161.7

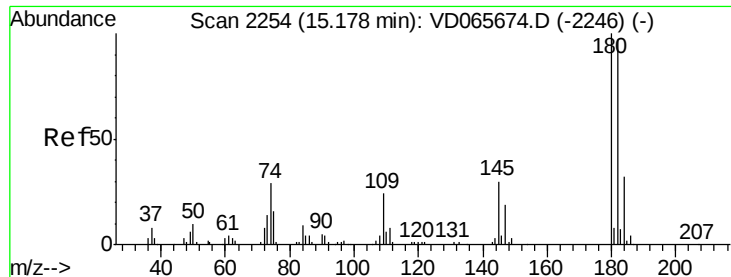


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

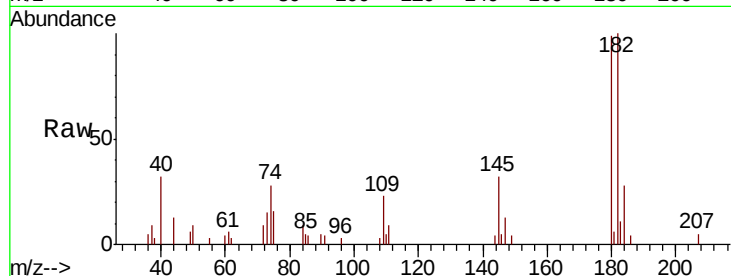




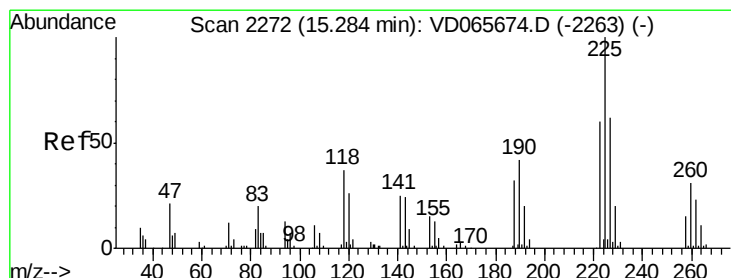
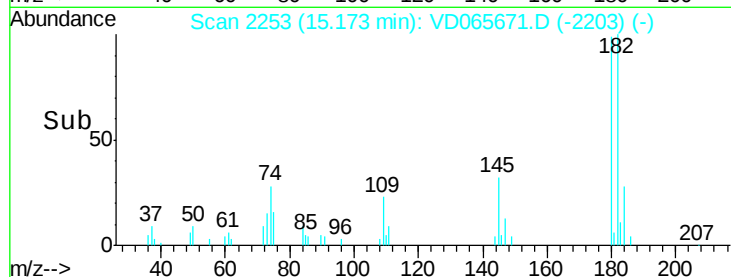
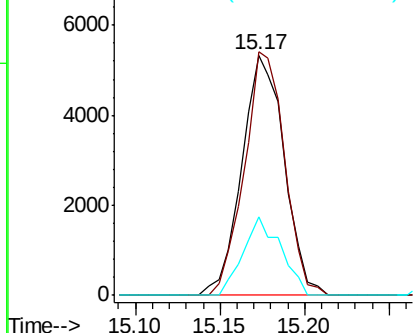
#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.451 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. -0.01 min  
 Lab File: VD065671.D  
 Acq: 24 Apr 2020 12:06

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:180 Resp: 9291  
 Ion Ratio Lower Upper  
 180 100  
 182 96.3 47.1 141.3  
 145 29.1 14.3 42.9

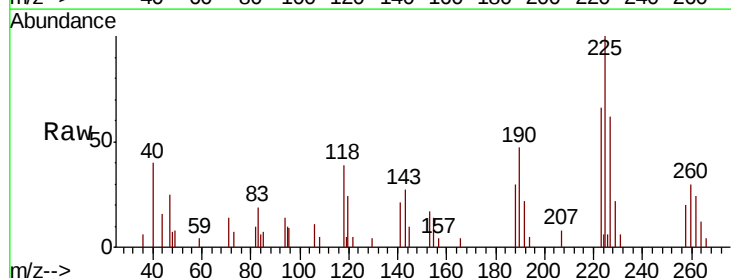


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

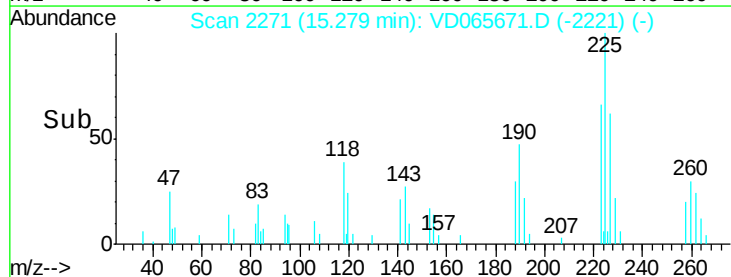
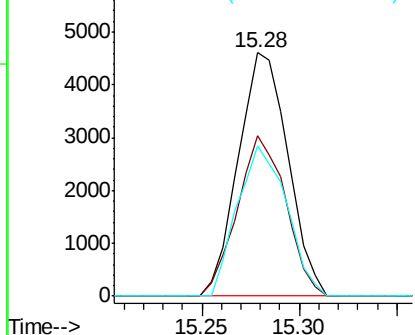


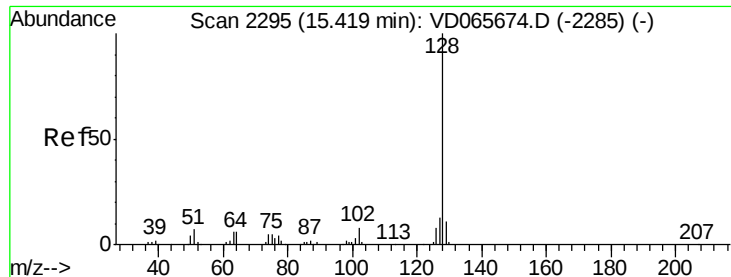
#94  
 Hexachlorobutadiene  
 Concen: 5.018 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. -0.01 min  
 Lab File: VD065671.D  
 Acq: 24 Apr 2020 12:06

Tgt Ion:225 Resp: 8109  
 Ion Ratio Lower Upper  
 225 100  
 223 64.1 31.0 93.0  
 227 61.4 31.6 94.8



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

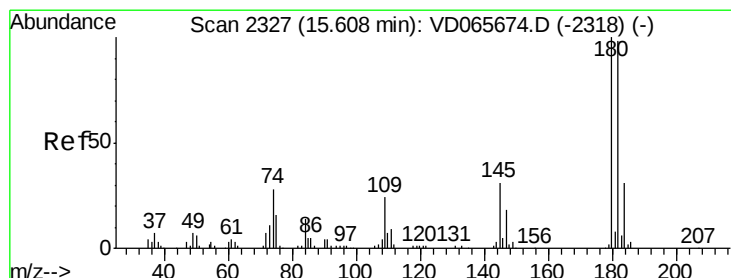
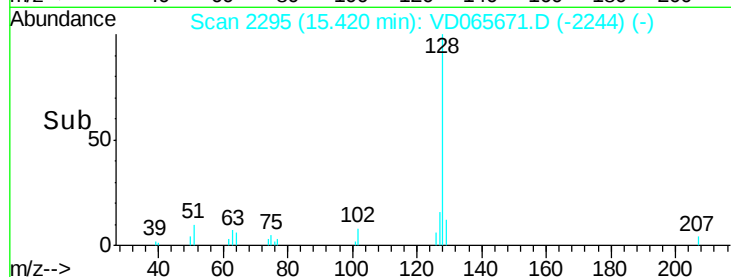
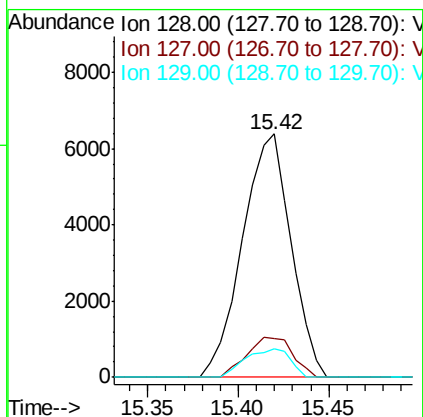
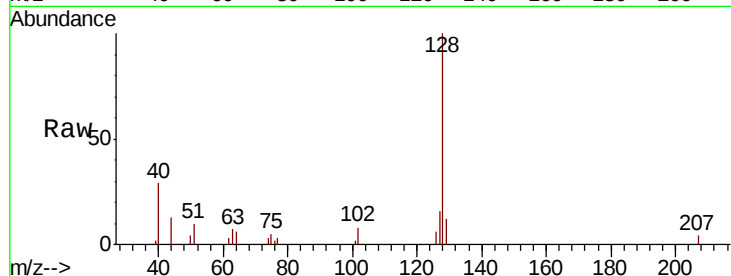




#95  
Naphthalene  
Concen: 4.119 ug/l  
RT: 15.42 min Scan# 2295  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:128 Resp: 11870  
Ion Ratio Lower Upper  
128 100  
127 15.7 11.4 17.0  
129 10.7 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 4.755 ug/l  
RT: 15.61 min Scan# 2327  
Delta R.T. 0.00 min  
Lab File: VD065671.D  
Acq: 24 Apr 2020 12:06

Tgt Ion:180 Resp: 8911  
Ion Ratio Lower Upper  
180 100  
182 94.7 47.8 143.3  
145 28.0 15.6 46.8

