

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102919\  
 Data File : VD064087.D  
 Acq On : 29 Oct 2019 14:04  
 Operator : VA/SY  
 Sample : VSTDICC100  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 30 07:38:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D102919S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 30 07:33:28 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 250088   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 376988   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 382209   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 211153   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.34   | 65  | 200441   | 100.78 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 201.56% |      |
| 35) Dibromofluoromethane  | 7.92   | 113 | 228626   | 98.57  | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 197.14% |      |
| 50) Toluene-d8            | 10.34  | 98  | 957958   | 103.28 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 206.56% |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 330666   | 107.53 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 215.06% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 250034  | 97.911  | ug/l   | 98     |
| 3) Chloromethane              | 2.21 | 50  | 389680  | 91.458  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.35 | 62  | 446465  | 96.627  | ug/l   | 98     |
| 5) Bromomethane               | 2.76 | 94  | 307476  | 102.111 | ug/l   | 100    |
| 6) Chloroethane               | 2.92 | 64  | 271827  | 94.718  | ug/l   | 94     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 606218  | 95.307  | ug/l   | 95     |
| 8) Diethyl Ether              | 3.70 | 74  | 103929  | 94.001  | ug/l   | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 225322  | 98.299  | ug/l   | 100    |
| 10) Methyl Iodide             | 4.29 | 142 | 321299  | 113.137 | ug/l   | 100    |
| 11) Tert butyl alcohol        | 5.25 | 59  | 61857   | 368.946 | ug/l # | 84     |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 211385  | 97.439  | ug/l   | 96     |
| 13) Acrolein                  | 3.92 | 56  | 61349   | 483.748 | ug/l   | 96     |
| 14) Allyl chloride            | 4.71 | 41  | 264965  | 104.353 | ug/l   | 99     |
| 15) Acrylonitrile             | 5.43 | 53  | 211214  | 517.179 | ug/l   | 98     |
| 16) Acetone                   | 4.17 | 43  | 205852  | 543.951 | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.40 | 76  | 689638  | 103.446 | ug/l   | 97     |
| 18) Methyl Acetate            | 4.73 | 43  | 98700   | 98.049  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.49 | 73  | 452370  | 102.762 | ug/l   | 97     |
| 20) Methylene Chloride        | 4.96 | 84  | 245077  | 90.636  | ug/l   | 93     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 244652  | 100.462 | ug/l   | 95     |
| 22) Diisopropyl ether         | 6.37 | 45  | 604541  | 107.505 | ug/l   | 94     |
| 23) Vinyl Acetate             | 6.31 | 43  | 1712350 | 544.002 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 380537  | 100.211 | ug/l   | 99     |
| 25) 2-Butanone                | 7.22 | 43  | 272591  | 521.029 | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 359985  | 99.882  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 278549  | 102.221 | ug/l   | 99     |
| 28) Bromochloromethane        | 7.55 | 49  | 156986  | 113.336 | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.57 | 42  | 164030  | 537.211 | ug/l   | 99     |
| 30) Chloroform                | 7.71 | 83  | 435801  | 100.294 | ug/l   | 100    |
| 31) Cyclohexane               | 7.98 | 56  | 359369  | 97.140  | ug/l   | 92     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 415146  | 102.636 | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 346497  | 98.088  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.30 | 43  | 114517  | 105.322 | ug/l # | 94     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 388469  | 100.792 | ug/l   | 95     |

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 Sample : VSTDICC100  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 30 07:38:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D102919S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 30 07:33:28 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 459749   | 106.022  | ug/l   | 98       |
| 40) Benzene                    | 8.36  | 78   | 989929   | 102.765  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.54  | 41   | 73354    | 99.413   | ug/l   | 87       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 250829   | 98.575   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 233437   | 106.234  | ug/l   | 99       |
| 44) Trichloroethene            | 9.11  | 130  | 296331   | 101.495  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 226879   | 101.628  | ug/l   | 99       |
| 46) Dibromomethane             | 9.48  | 93   | 136212   | 101.309  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.67  | 83   | 346909   | 102.275  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.46  | 41   | 107639   | 105.928  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 33300    | 2163.692 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 643511   | 537.937  | ug/l   | 100      |
| 52) Toluene                    | 10.41 | 92   | 721138   | 106.823  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 348168   | 109.962  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 393315   | 105.585  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 201563   | 105.737  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 238207   | 115.082  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 329248   | 104.436  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.95  | 63   | 427136   | 511.453  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.99 | 43   | 486133   | 570.218  | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.14 | 129  | 272147   | 105.184  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 203799   | 106.893  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.88 | 164  | 275651   | 100.390  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.67 | 112  | 825235   | 104.496  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 312306   | 105.686  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.75 | 91   | 1532205  | 109.080  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.86 | 106  | 1236437  | 218.841  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 561570   | 108.910  | ug/l   | 98       |
| 70) Styrene                    | 12.20 | 104  | 987853   | 111.082  | ug/l   | 98       |
| 71) Bromoform                  | 12.37 | 173  | 163134   | 103.368  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 1581232  | 107.765  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.29 | 43   | 272696   | 111.869  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 237805   | 102.822  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 300197   | 114.586  | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 364624   | 102.922  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.83 | 91   | 1866043  | 108.521  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 986108   | 106.983  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 1335184  | 108.727  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 79302    | 114.147  | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 1039823  | 105.576  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 1177891  | 106.792  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 1335982  | 108.297  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 1638434  | 108.170  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 1575775  | 110.723  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 743622   | 104.743  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 705481   | 100.803  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 1429317  | 108.886  | ug/l   | 97       |
| 90) Hexachloroethane           | 14.12 | 117  | 283628   | 106.447  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 622868   | 101.944  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 34298    | 101.542  | ug/l   | 90       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102919\  
Data File : VD064087.D  
Acq On : 29 Oct 2019 14:04  
Operator : VA/SY  
Sample : VSTDICC100  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

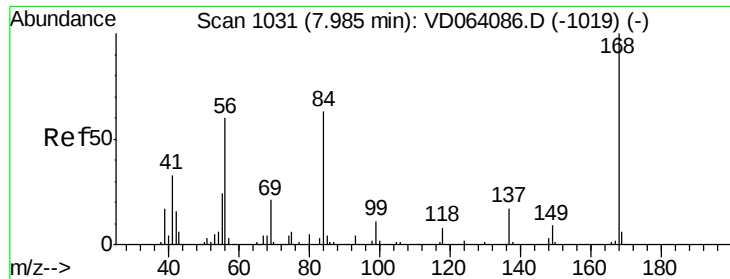
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Oct 30 07:38:51 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D102919S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 30 07:33:28 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 459382   | 104.597 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 266729   | 103.912 | ug/l  | 99       |
| 95) Naphthalene            | 15.41 | 128  | 776608   | 108.424 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 396905   | 104.334 | ug/l  | 95       |

(#) = 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: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

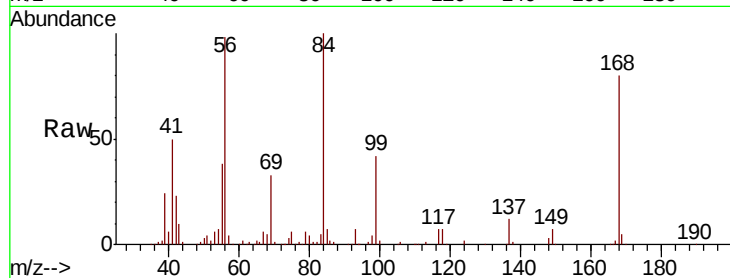
ClientSampleId :

Tot Ion:168 Resp: 250088

Ion Ratio Lower Upper

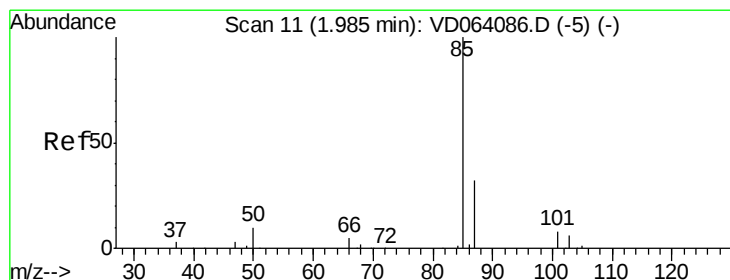
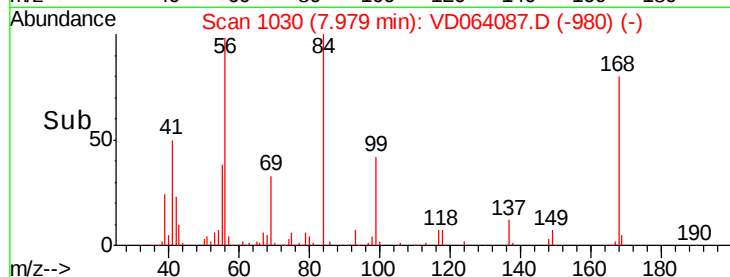
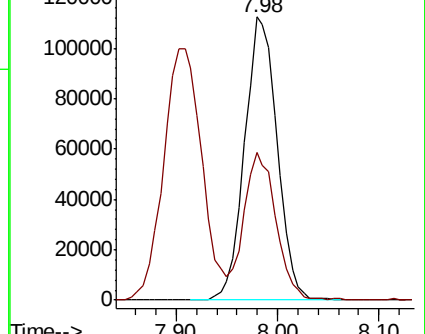
168 100

99 51.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 97.911 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD064087.D

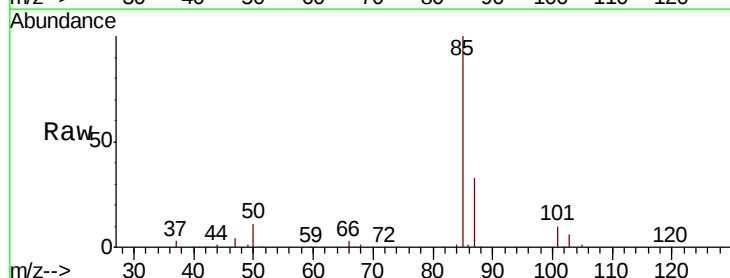
Acq: 29 Oct 2019 14:04

Tgt Ion: 85 Resp: 250034

Ion Ratio Lower Upper

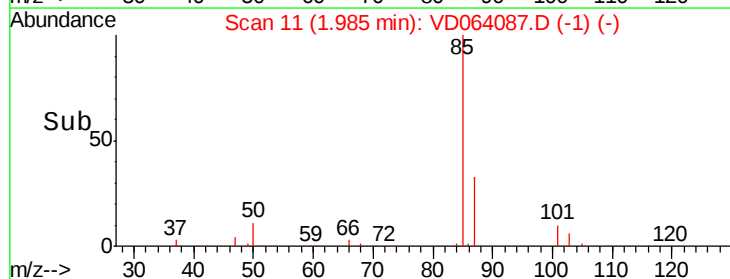
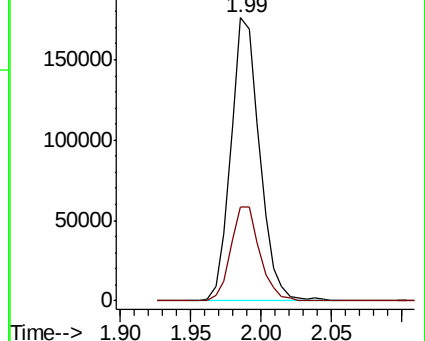
85 100

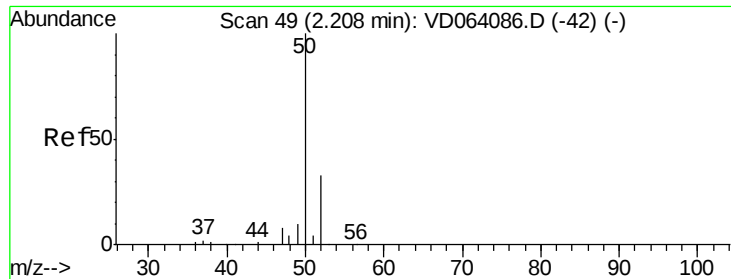
87 33.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 91.458 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

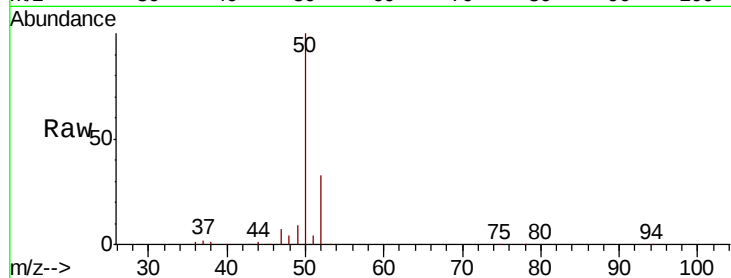
ClientSampleId :

Tot Ion: 50 Resp: 389680

Ion Ratio Lower Upper

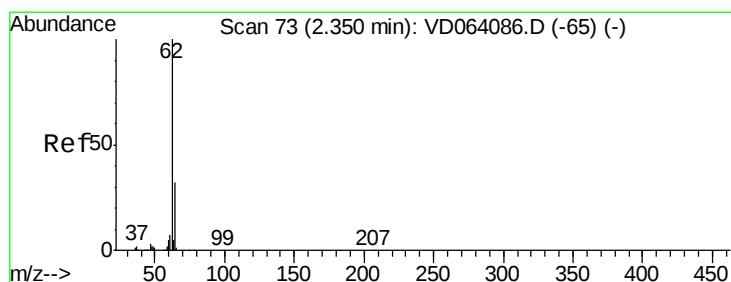
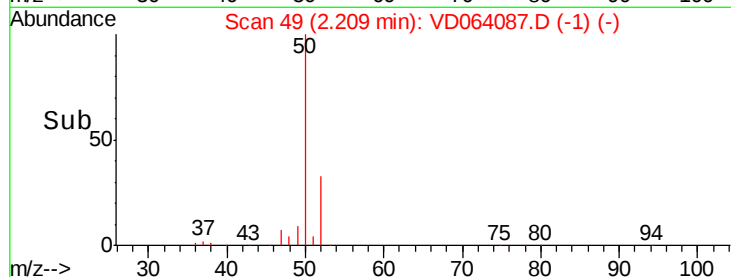
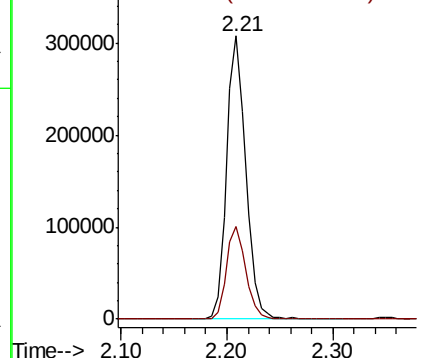
50 100

52 32.8 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 96.627 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064087.D

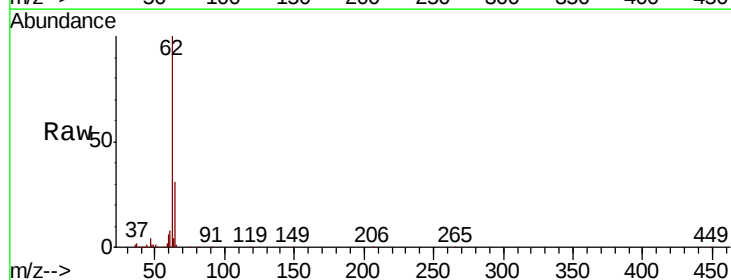
Acq: 29 Oct 2019 14:04

Tgt Ion: 62 Resp: 446465

Ion Ratio Lower Upper

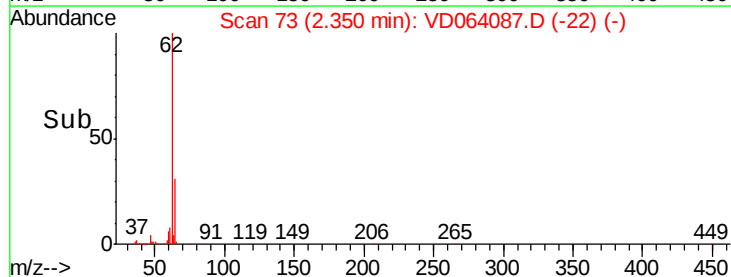
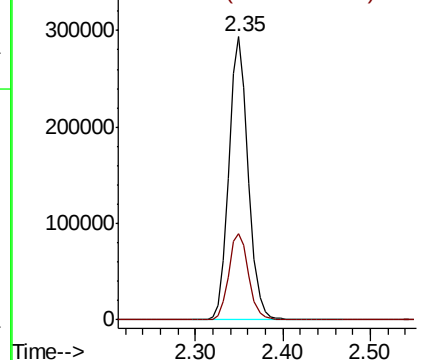
62 100

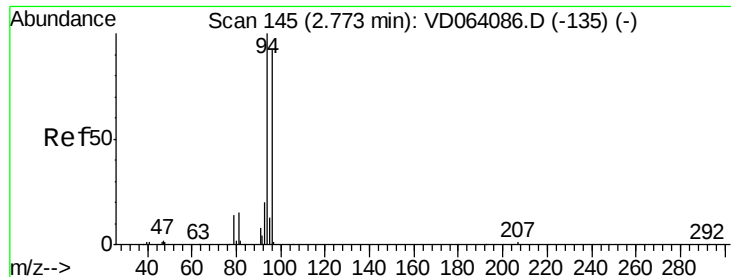
64 30.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 102.111 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

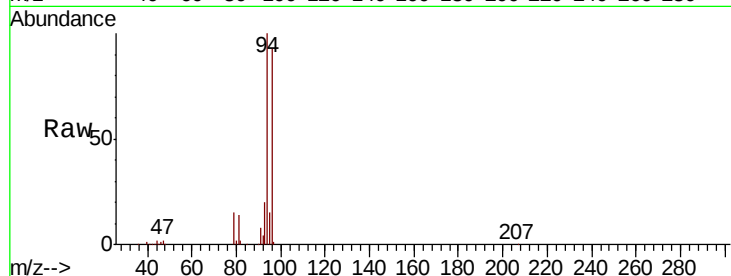
ClientSampleId :

Tot Ion: 94 Resp: 307476

Ion Ratio Lower Upper

94 100

96 92.5 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

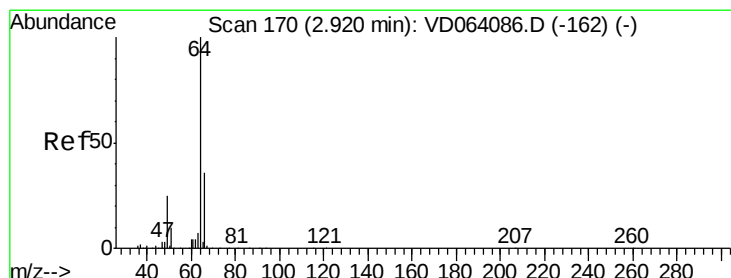
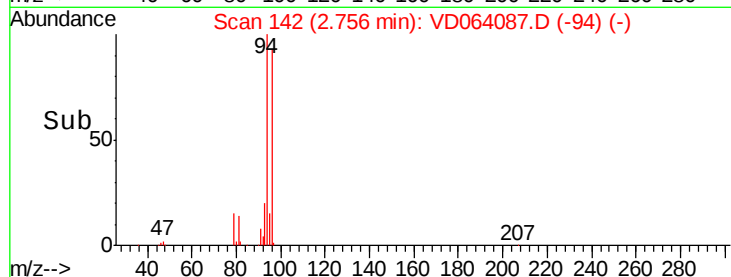
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 94.718 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD064087.D

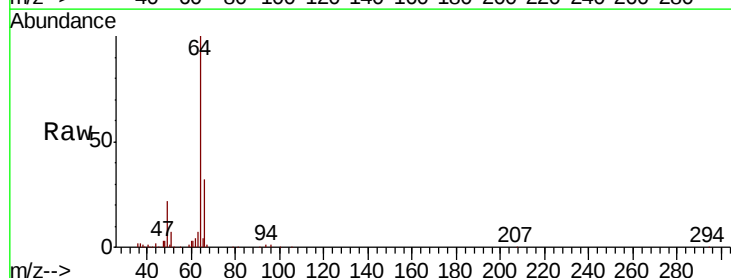
Acq: 29 Oct 2019 14:04

Tgt Ion: 64 Resp: 271827

Ion Ratio Lower Upper

64 100

66 32.2 28.7 43.1



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

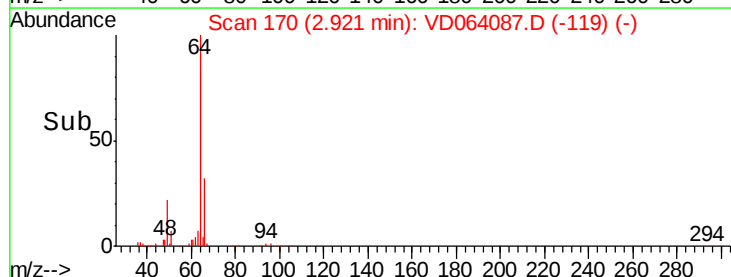
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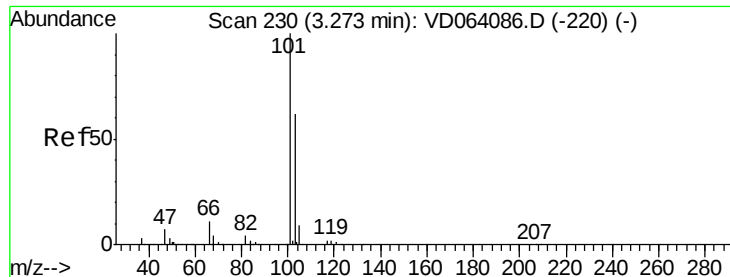
100000

50000

0

Time-->



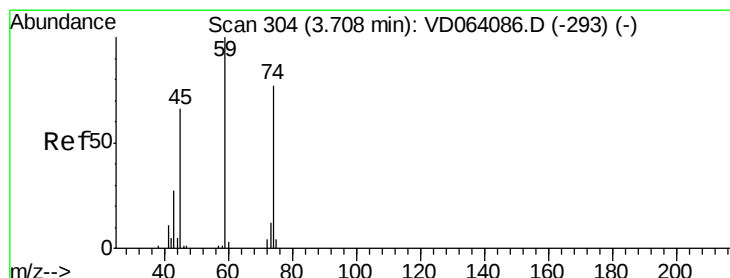
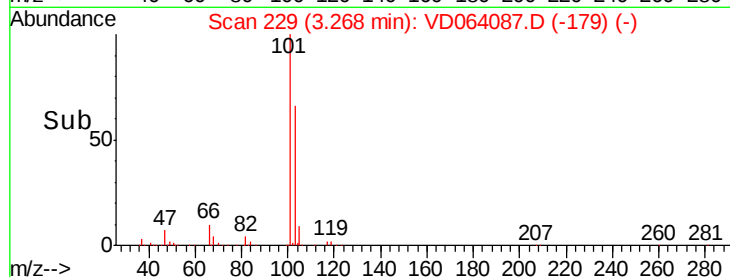
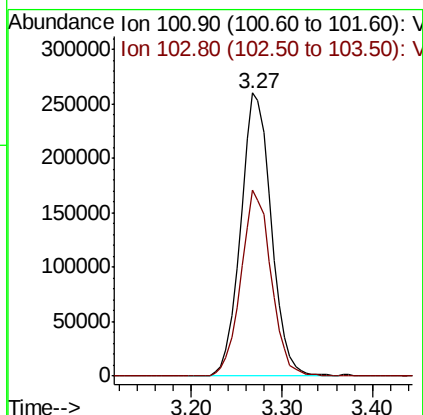
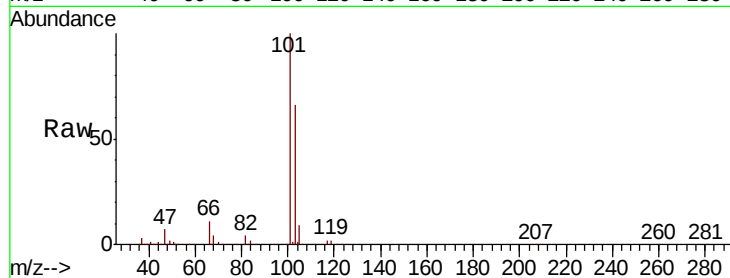


#7

Trichlorofluoromethane  
 Concen: 95.307 ug/l  
 RT: 3.27 min Scan# 229  
 Delta R.T. -0.01 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :

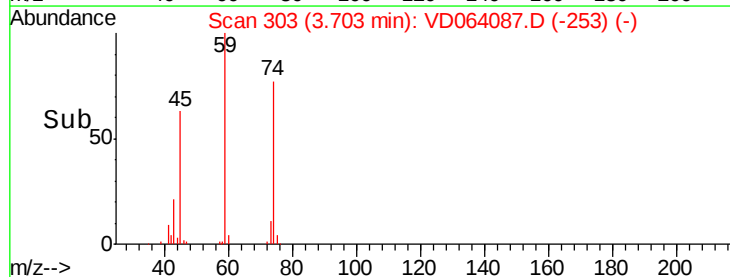
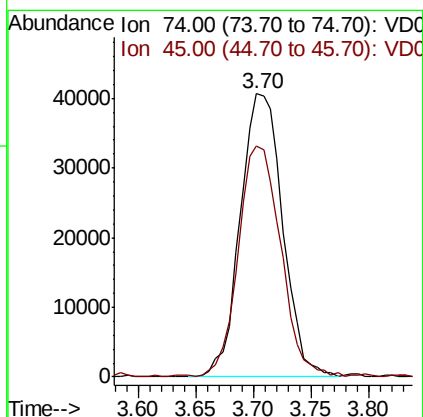
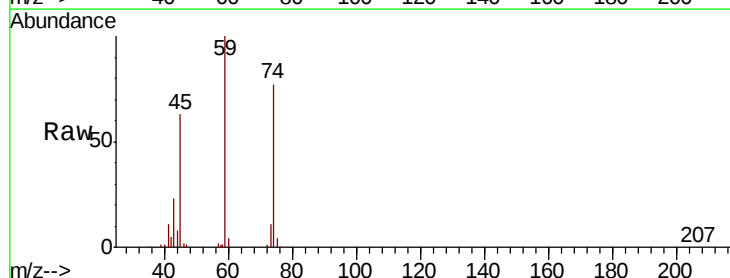
Tot Ion:101 Resp: 606218  
 Ion Ratio Lower Upper  
 101 100  
 103 65.9 49.6 74.4

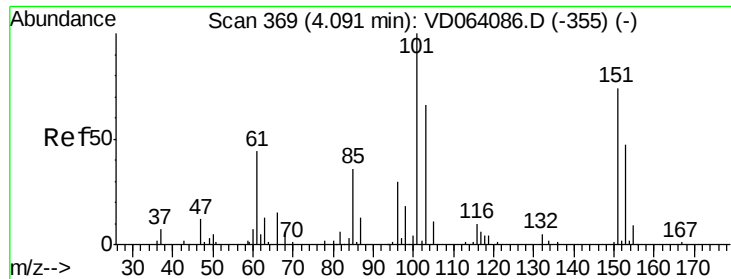


#8

Diethyl Ether  
 Concen: 94.001 ug/l  
 RT: 3.70 min Scan# 303  
 Delta R.T. -0.01 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

Tgt Ion: 74 Resp: 103929  
 Ion Ratio Lower Upper  
 74 100  
 45 81.7 44.1 132.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.299 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

ClientSampleId :

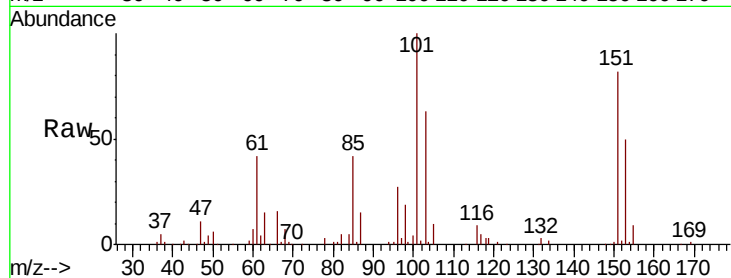
Tot Ion:101 Resp: 225322

Ion Ratio Lower Upper

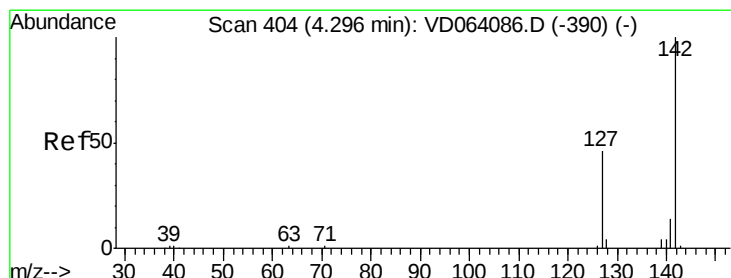
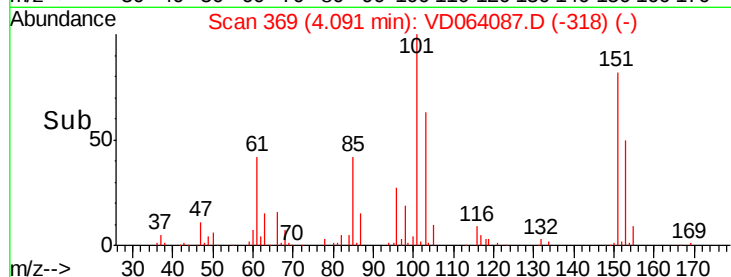
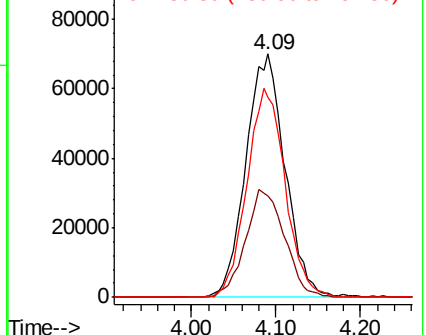
101 100

85 44.2 35.3 52.9

151 83.9 67.0 100.6



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: 113.137 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

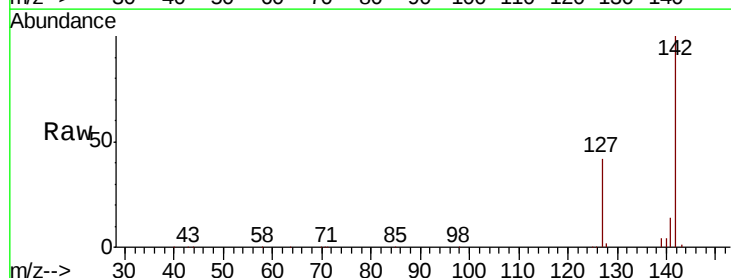
Tgt Ion:142 Resp: 321299

Ion Ratio Lower Upper

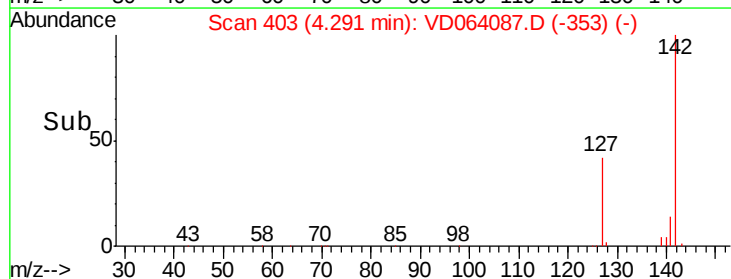
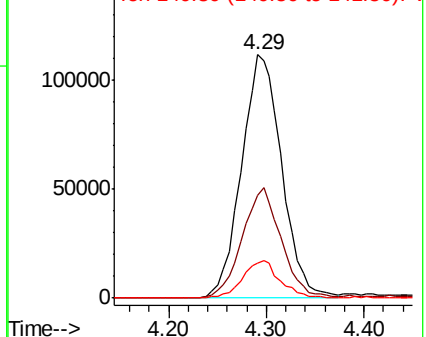
142 100

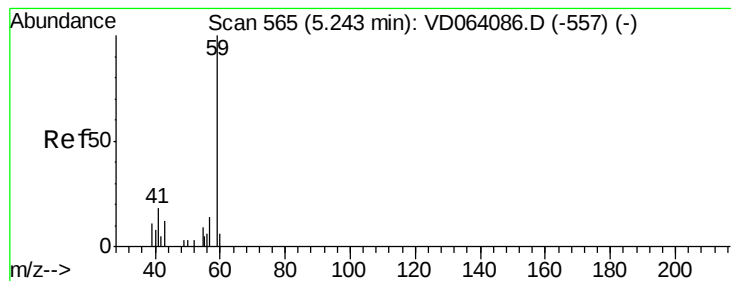
127 44.0 35.1 52.7

141 14.4 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V



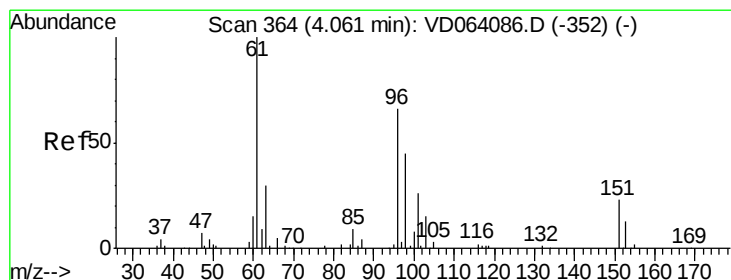
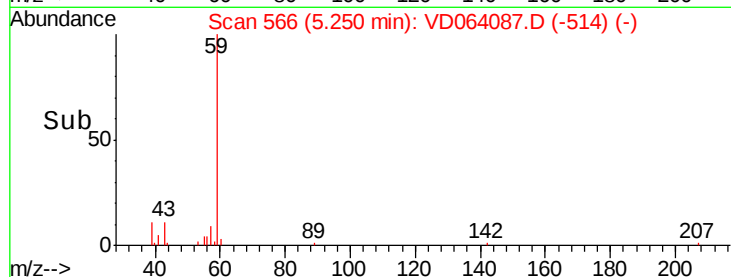
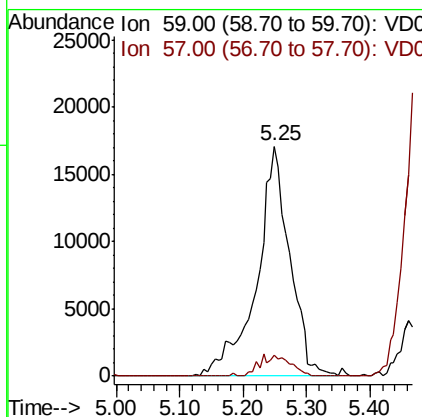
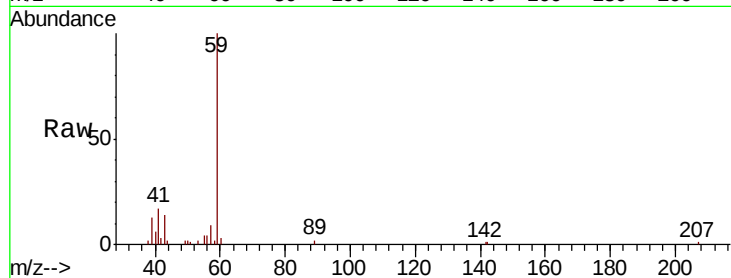


#11

Tert butyl alcohol  
Concen: 368.946 ug/l  
RT: 5.25 min Scan# 566  
Delta R.T. 0.01 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Instrument :  
MSVOA\_D  
ClientSampleId :

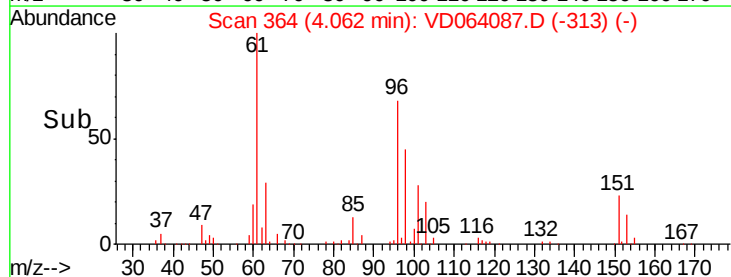
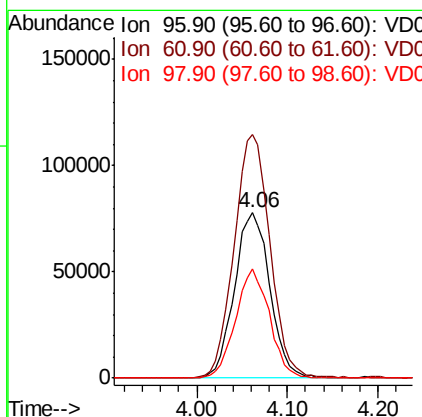
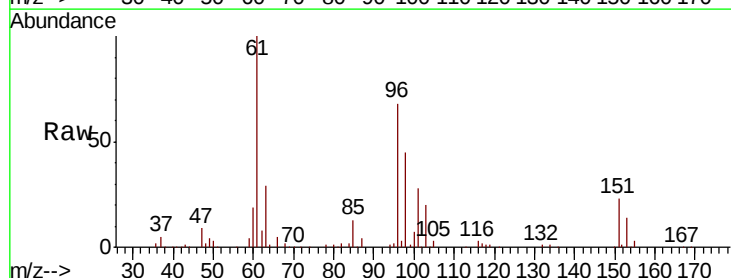
Tot Ion: 59 Resp: 61857  
Ion Ratio Lower Upper  
59 100  
57 4.9 8.7 13.1#

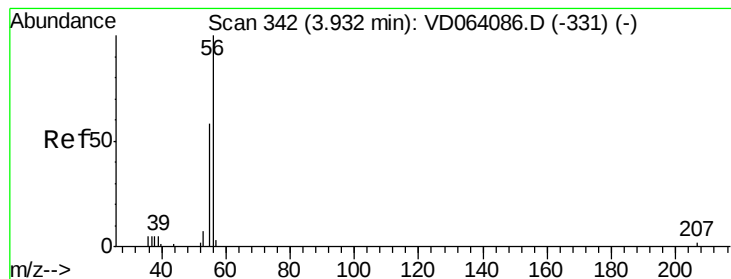


#12

1,1-Dichloroethene  
Concen: 97.439 ug/l  
RT: 4.06 min Scan# 364  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Tgt Ion: 96 Resp: 211385  
Ion Ratio Lower Upper  
96 100  
61 147.6 121.8 182.6  
98 66.3 55.4 83.0





#13

Acrolein

Concen: 483.748 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

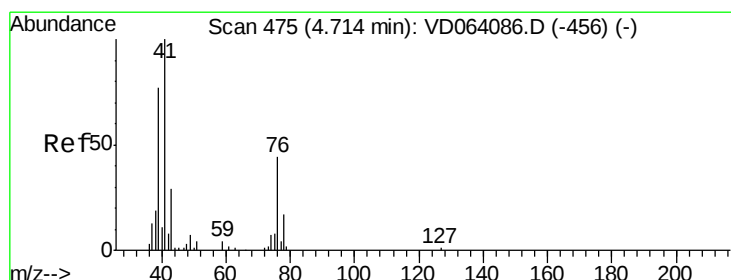
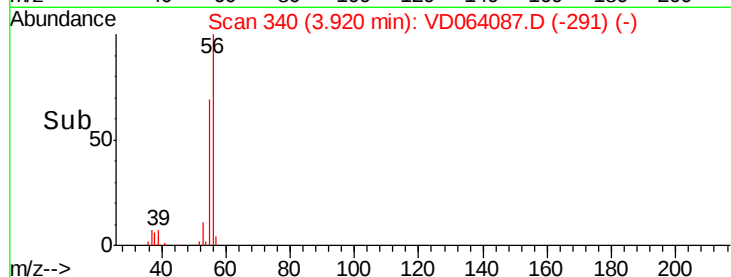
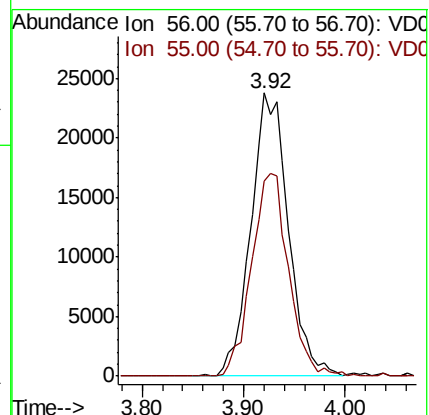
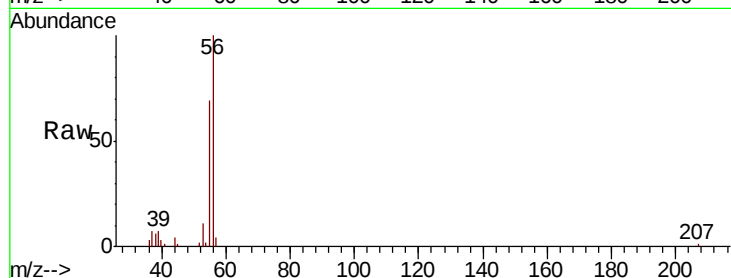
ClientSampled :

Tot Ion: 56 Resp: 61349

Ion Ratio Lower Upper

56 100

55 70.6 53.8 80.6



#14

Allyl chloride

Concen: 104.353 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

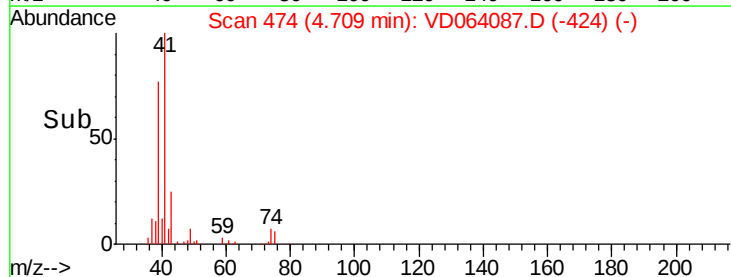
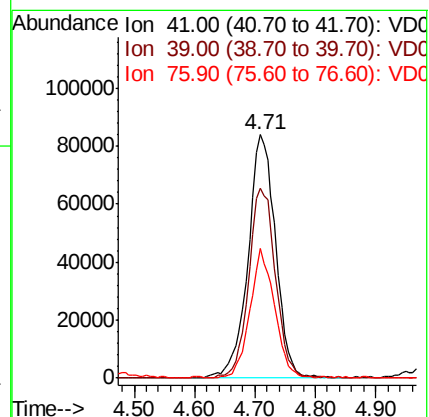
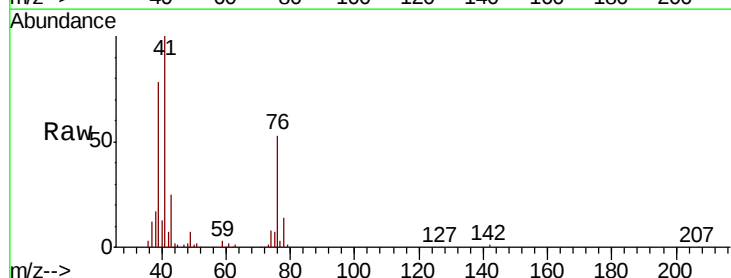
Tgt Ion: 41 Resp: 264965

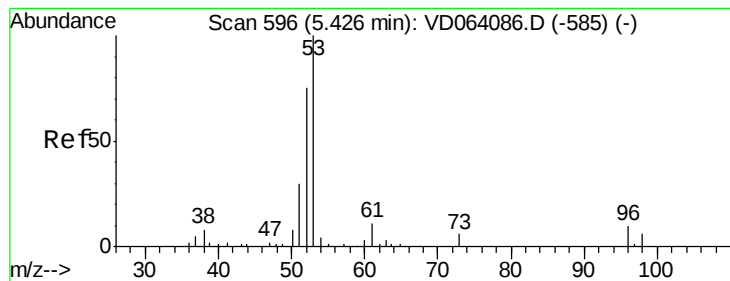
Ion Ratio Lower Upper

41 100

39 76.1 61.5 92.3

76 46.9 36.2 54.4





#15

Acrylonitrile

Concen: 517.179 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.01 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

ClientSampleId :

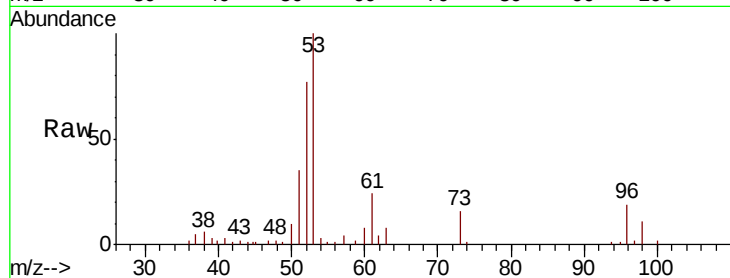
Tot Ion: 53 Resp: 211214

Ion Ratio Lower Upper

53 100

52 81.1 66.2 99.4

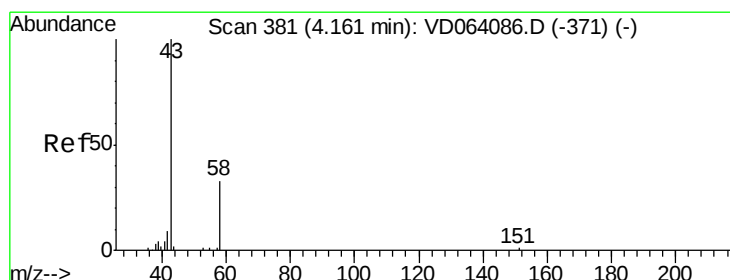
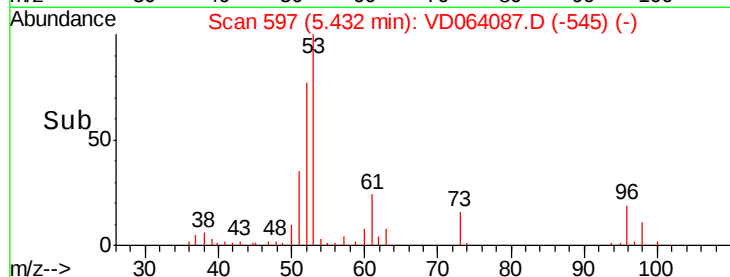
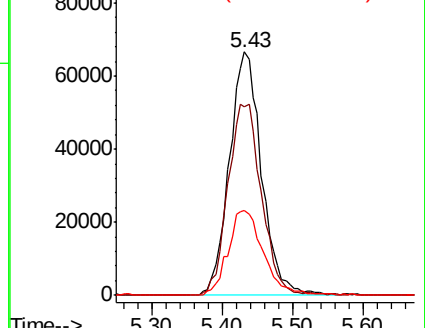
51 37.7 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 543.951 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD064087.D

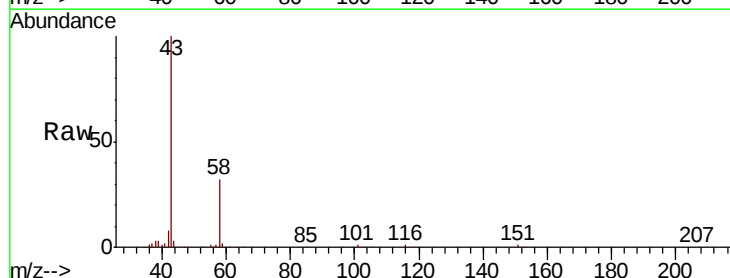
Acq: 29 Oct 2019 14:04

Tgt Ion: 43 Resp: 205852

Ion Ratio Lower Upper

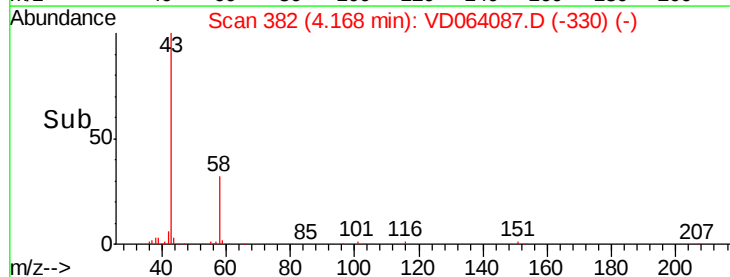
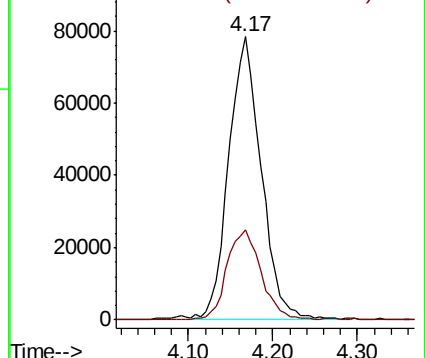
43 100

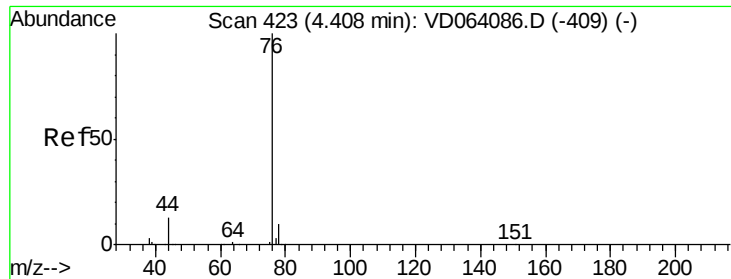
58 31.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

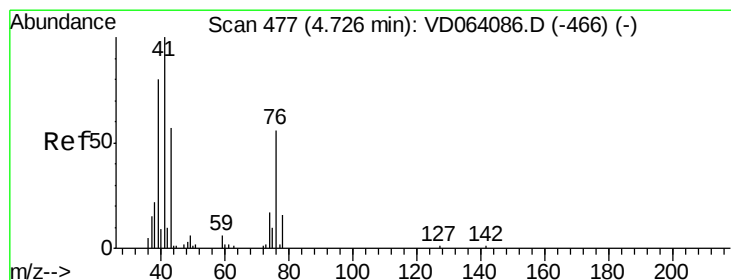
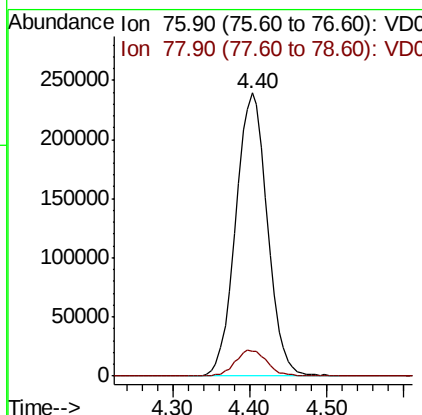
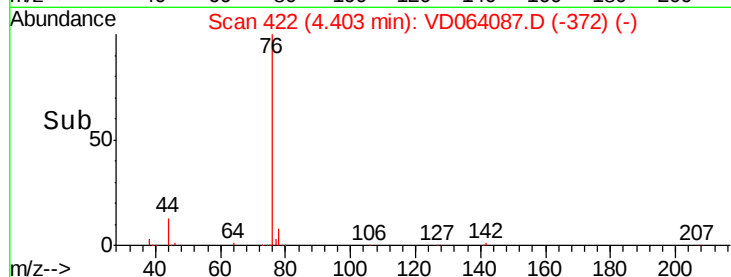
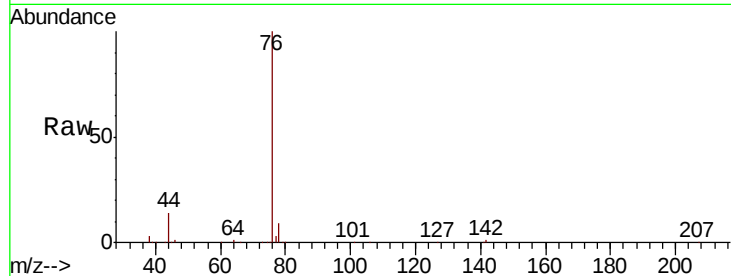




#17  
Carbon Disulfide  
Concen: 103.446 ug/l  
RT: 4.40 min Scan# 422  
Delta R.T. -0.01 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

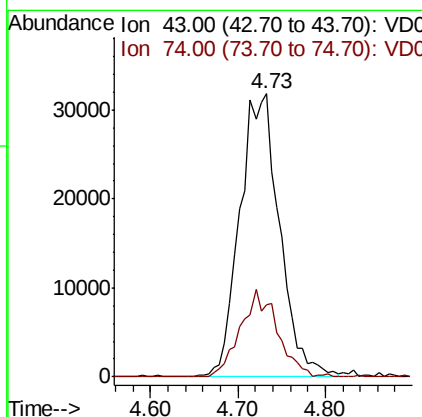
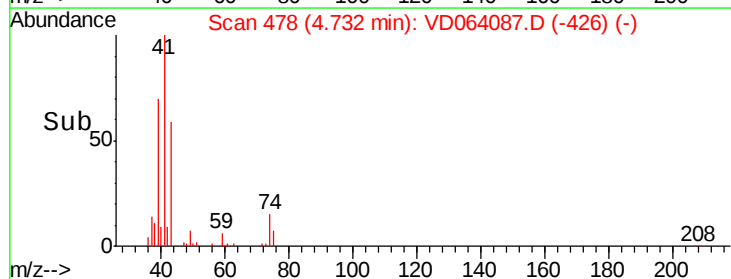
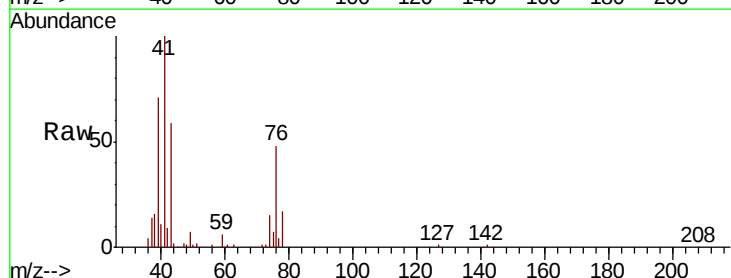
Instrument :  
MSVOA\_D  
ClientSampleId :

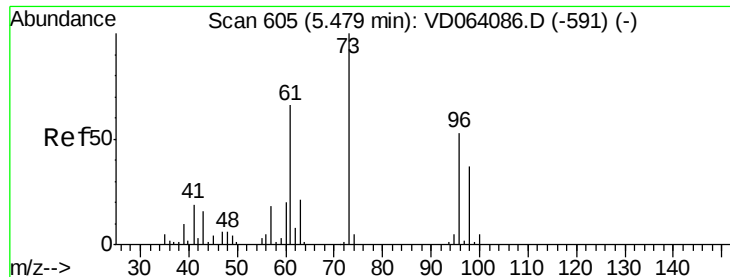
Tot Ion: 76 Resp: 689638  
Ion Ratio Lower Upper  
76 100  
78 8.9 8.1 12.1



#18  
Methyl Acetate  
Concen: 98.049 ug/l  
RT: 4.73 min Scan# 478  
Delta R.T. 0.01 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Tgt Ion: 43 Resp: 98700  
Ion Ratio Lower Upper  
43 100  
74 28.5 22.2 33.4

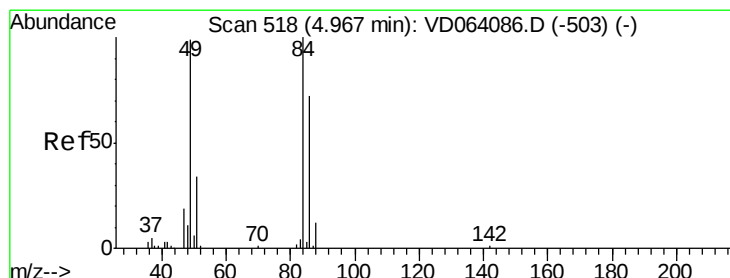
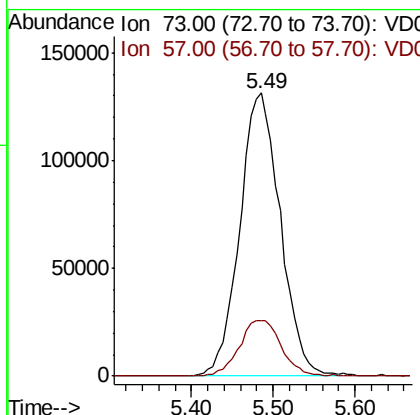
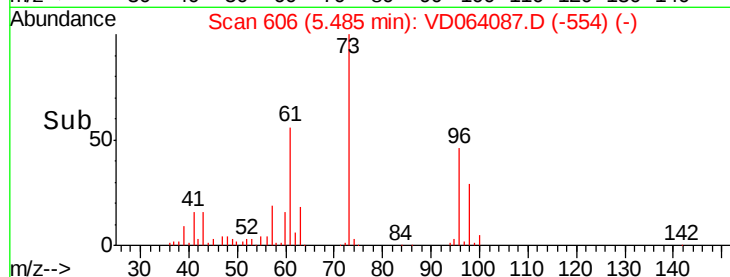
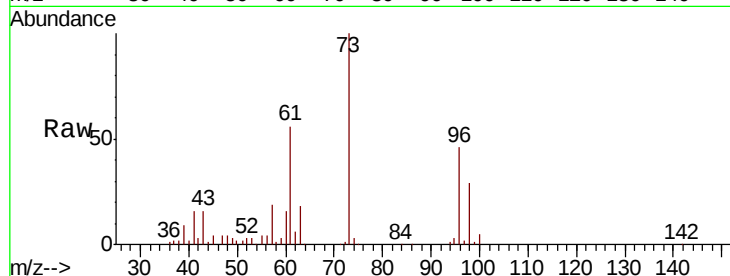




#19  
Methvl tert-butvl Ether  
Concen: 102.762 ug/l  
RT: 5.49 min Scan# 606  
Delta R.T. 0.01 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

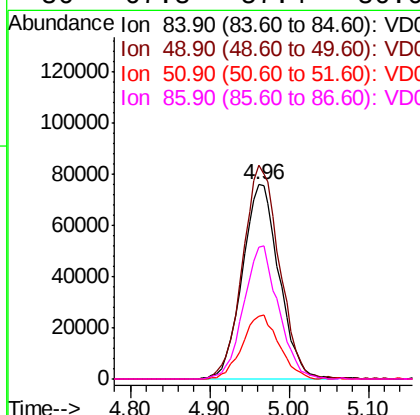
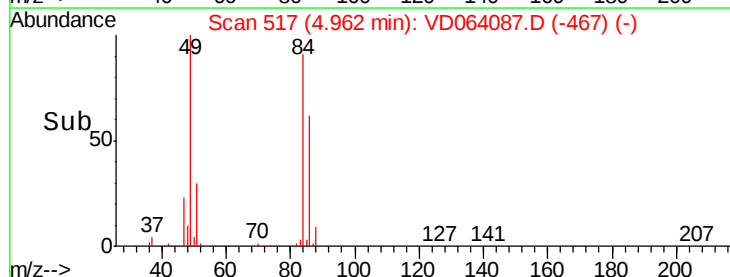
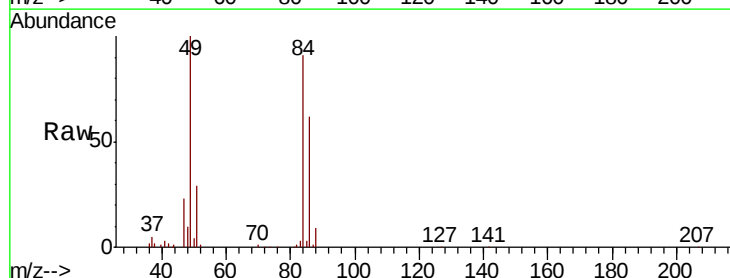
Instrument :  
MSVOA\_D  
ClientSampleId :

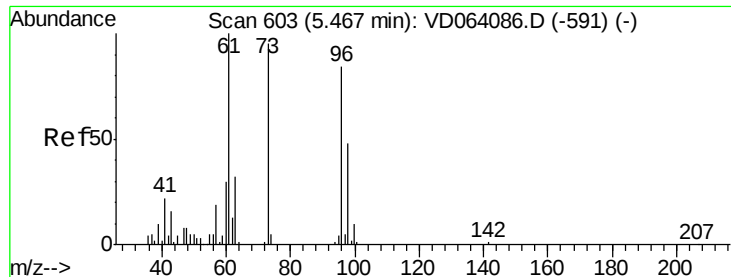
Tot Ion: 73 Resp: 452370  
Ion Ratio Lower Upper  
73 100  
57 19.4 14.3 21.5



#20  
Methylene Chloride  
Concen: 90.636 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. -0.01 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Tgt Ion: 84 Resp: 245077  
Ion Ratio Lower Upper  
84 100  
49 110.1 79.4 119.0  
51 32.5 27.4 41.2  
86 67.8 57.4 86.0





#21

trans-1,2-Dichloroethene

Concen: 100.462 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :  
MSVOA\_D  
ClientSampled :

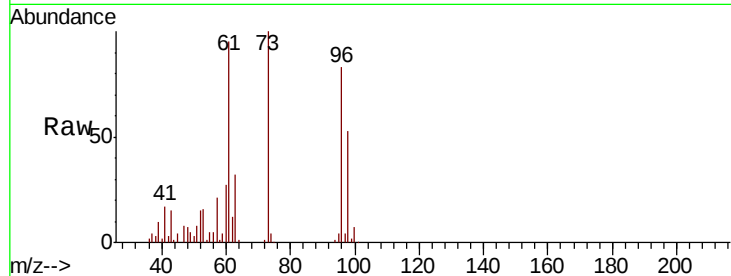
Tot Ion: 96 Resp: 244652

Ion Ratio Lower Upper

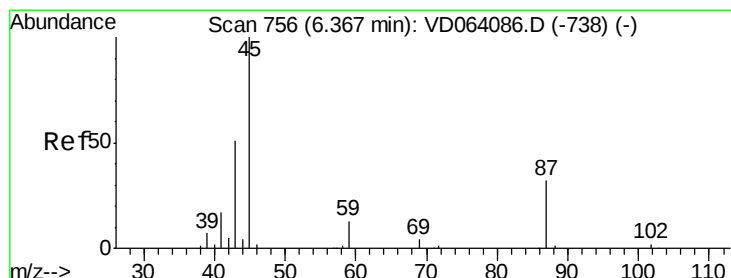
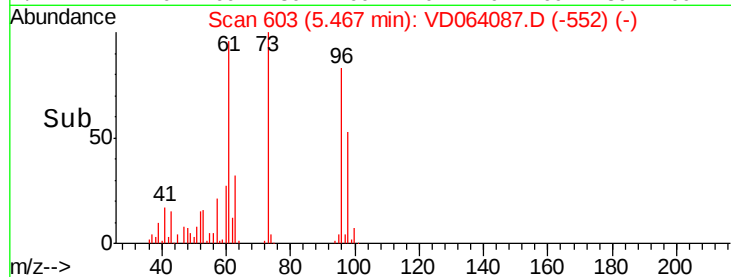
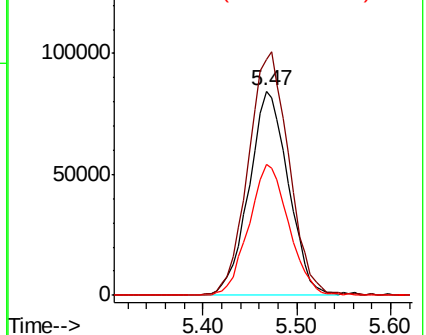
96 100

61 115.7 95.0 142.6

98 64.0 45.8 68.8



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



#22

Diisopropyl ether

Concen: 107.505 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.01 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Tgt Ion: 45 Resp: 604541

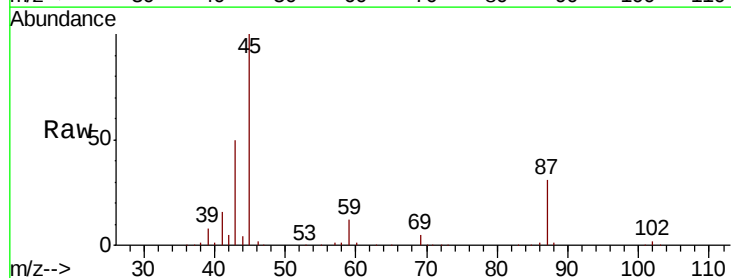
Ion Ratio Lower Upper

45 100

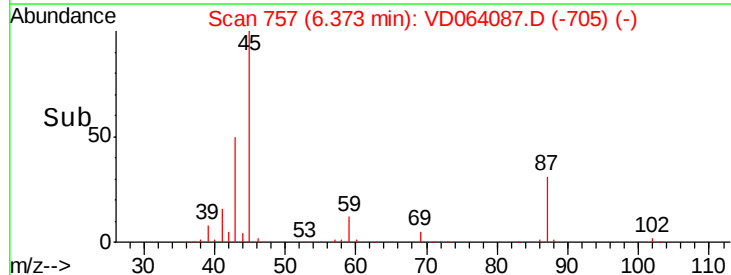
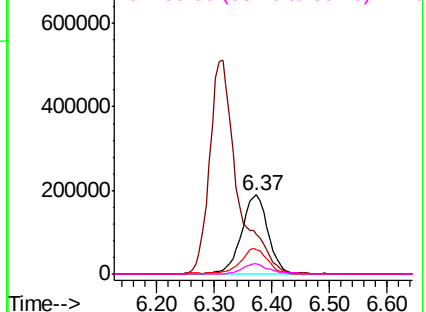
43 50.1 44.3 66.5

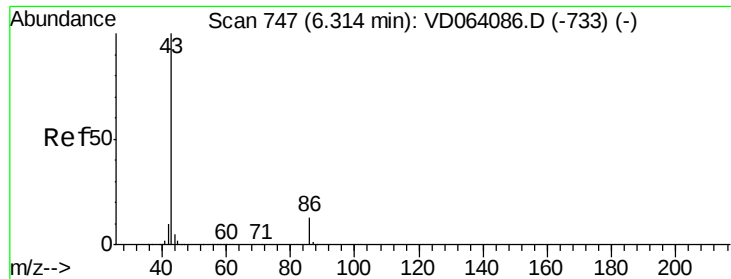
87 30.7 26.6 39.8

59 12.3 10.2 15.2



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

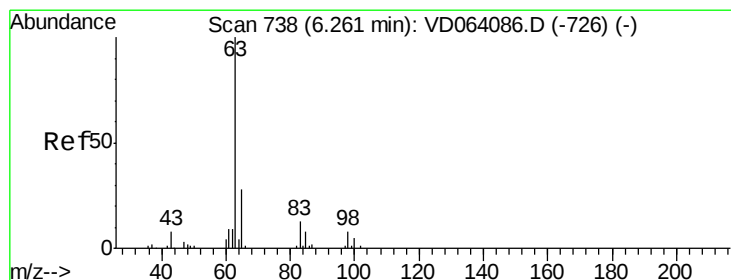
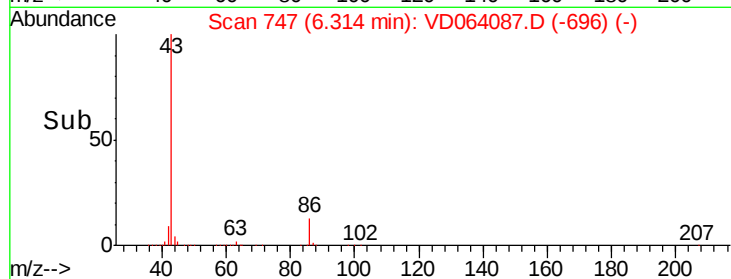
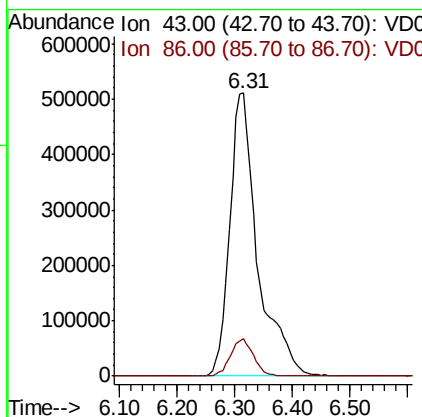
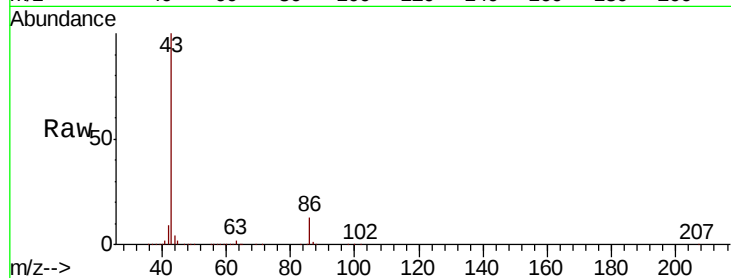




#23  
 Vinyl Acetate  
 Concen: 544.002 ug/l  
 RT: 6.31 min Scan# 747  
 Delta R.T. 0.00 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

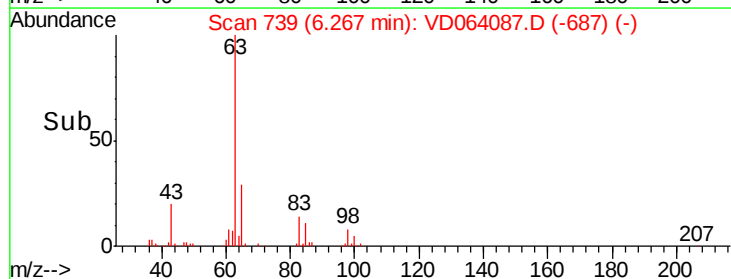
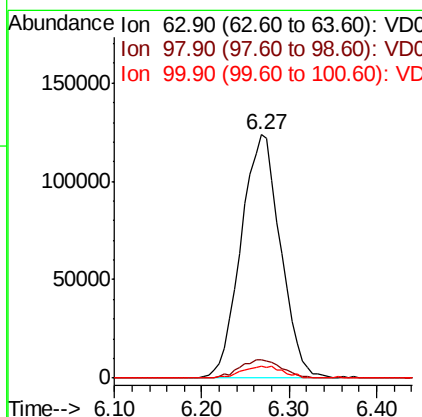
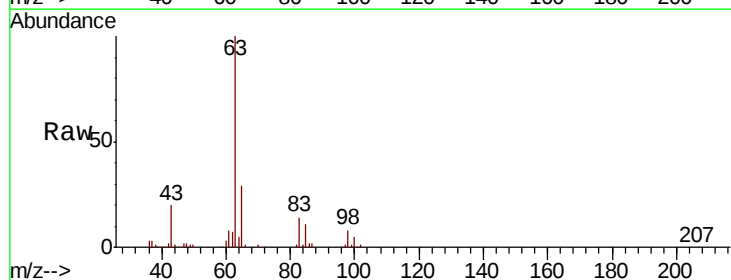
Instrument :  
 MSVOA\_D  
 ClientSampleID :

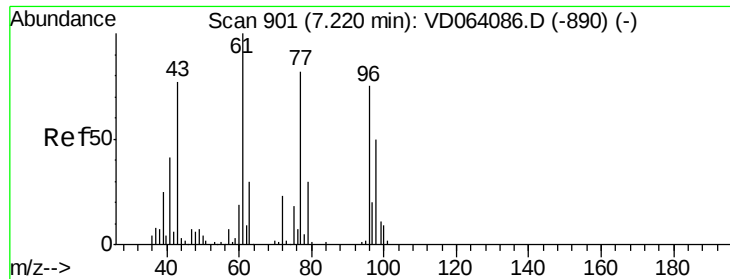
Tot Ion: 43 Resp: 1712350  
 Ion Ratio Lower Upper  
 43 100  
 86 13.2 10.7 16.1



#24  
 1,1-Dichloroethane  
 Concen: 100.211 ug/l  
 RT: 6.27 min Scan# 739  
 Delta R.T. 0.01 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

Tgt Ion: 63 Resp: 380537  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 4.0 11.9  
 100 4.8 2.6 7.8





#25

2-Butanone

Concen: 521.029 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

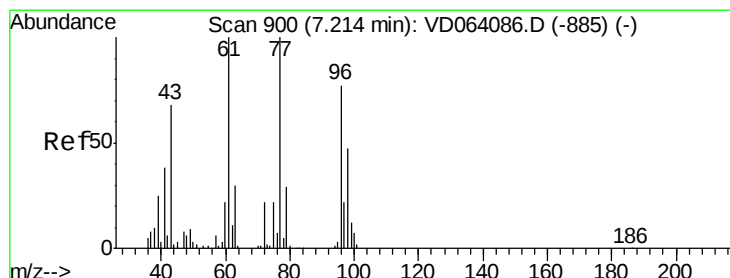
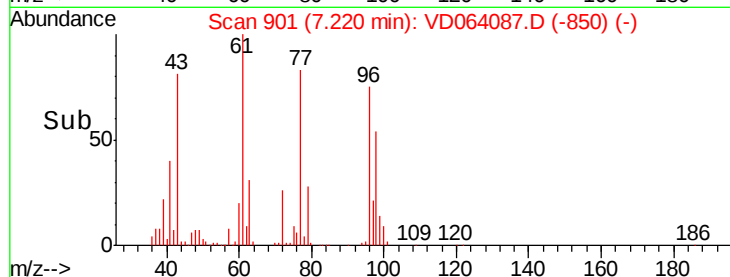
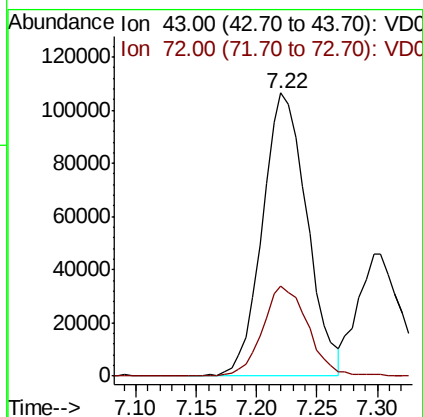
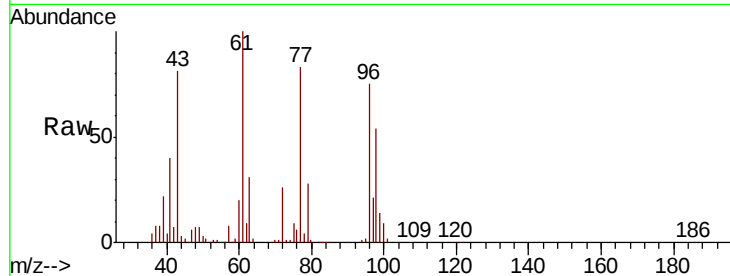
Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 272591

Ion Ratio Lower Upper

43 100

72 32.0 23.4 35.0



#26

2,2-Dichloropropane

Concen: 99.882 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064087.D

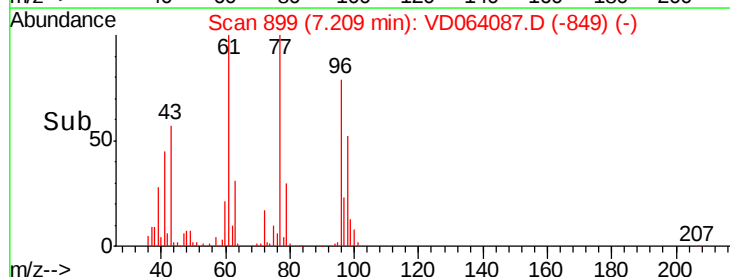
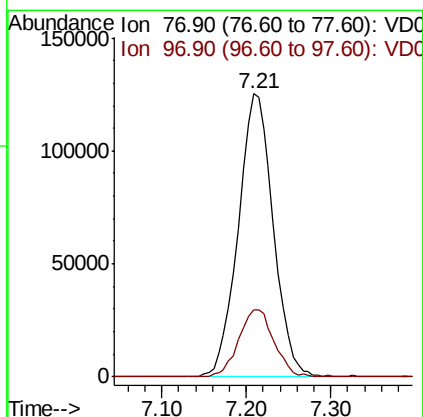
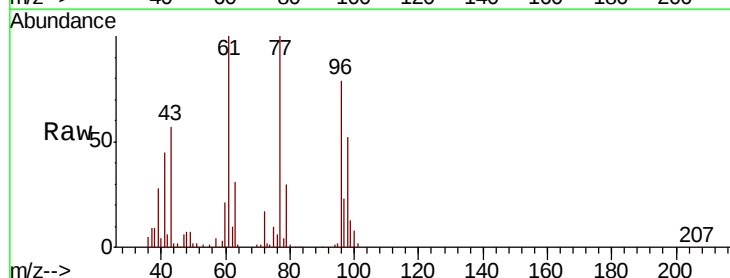
Acq: 29 Oct 2019 14:04

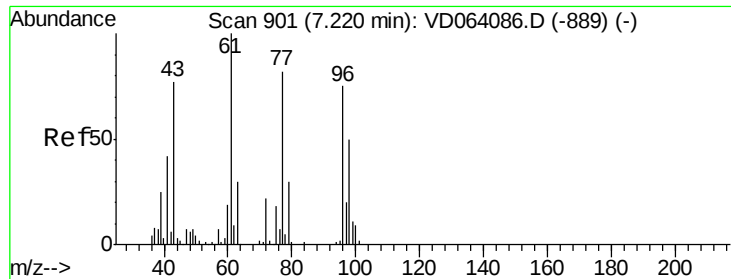
Tgt Ion: 77 Resp: 359985

Ion Ratio Lower Upper

77 100

97 24.0 11.2 33.5



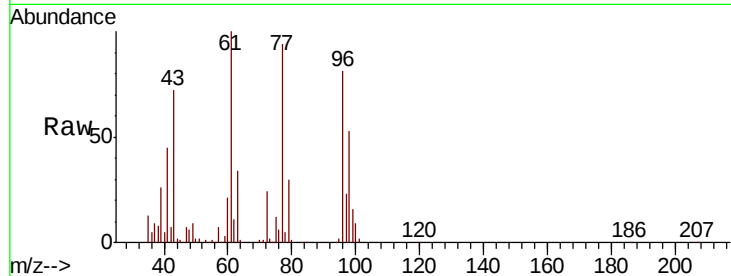


#27

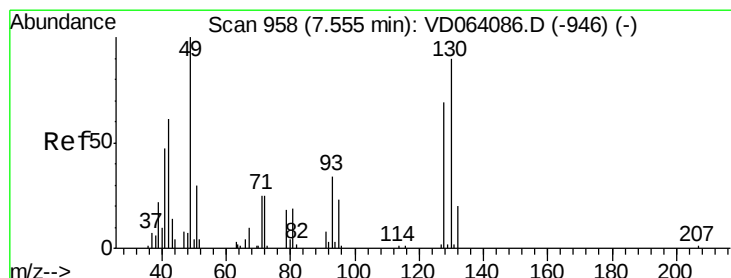
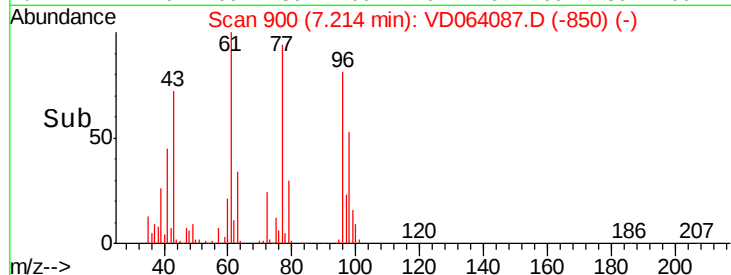
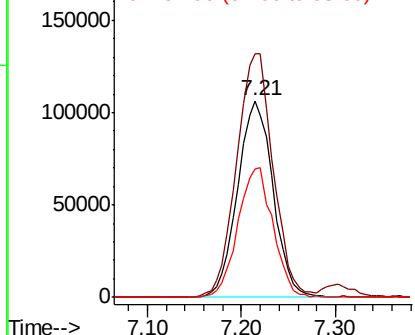
cis-1,2-Dichloroethene  
 Concen: 102.221 ug/l  
 RT: 7.21 min Scan# 900  
 Delta R.T. -0.01 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 96 Resp: 278549  
 Ion Ratio Lower Upper  
 96 100  
 61 127.8 0.0 258.0  
 98 65.5 0.0 130.8



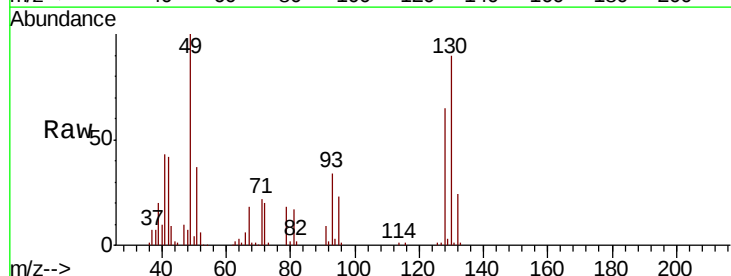
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.90 (60.60 to 61.60): VDC  
 Ion 97.90 (97.60 to 98.60): VDC



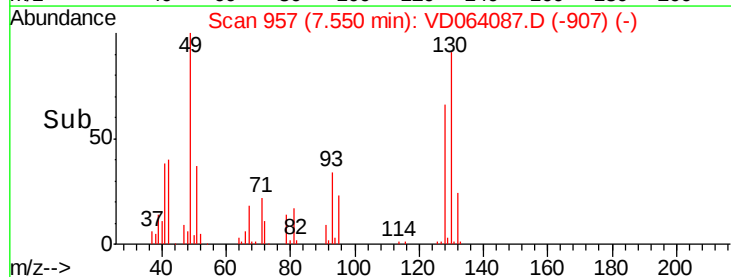
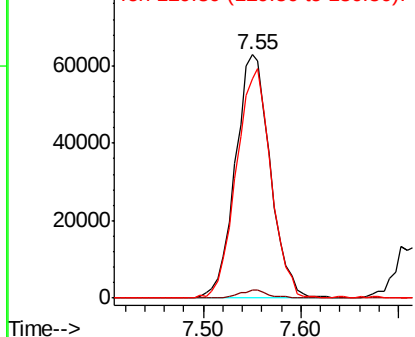
#28

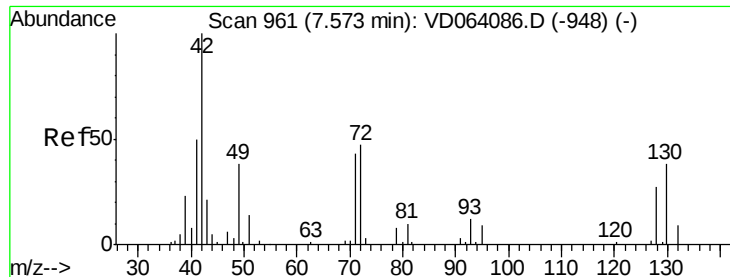
Bromochloromethane  
 Concen: 113.336 ug/l  
 RT: 7.55 min Scan# 957  
 Delta R.T. -0.01 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

Tgt Ion: 49 Resp: 156986  
 Ion Ratio Lower Upper  
 49 100  
 129 2.8 0.0 5.4  
 130 93.5 75.3 112.9



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

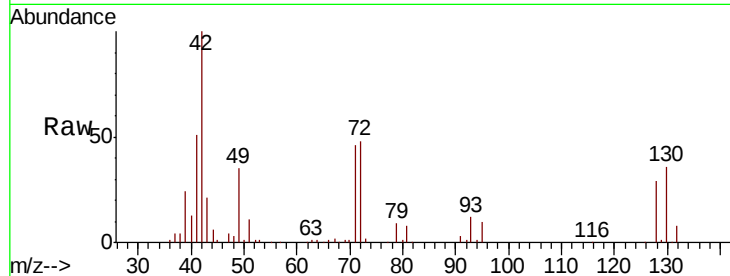




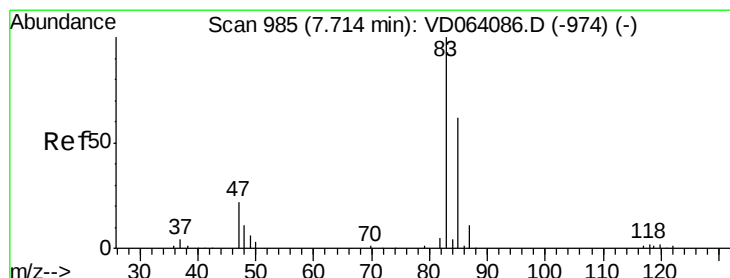
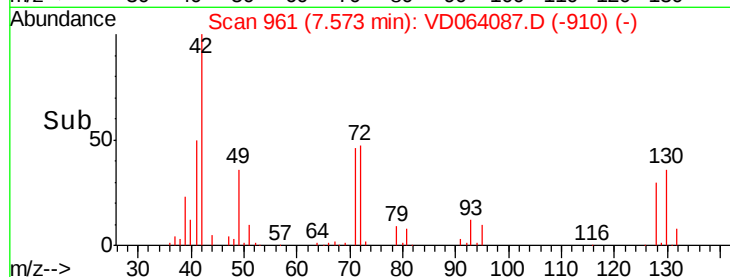
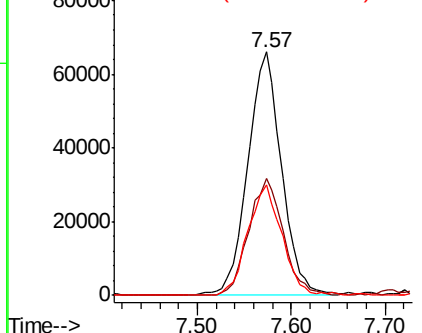
#29  
Tetrahydrofuran  
Concen: 537.211 ug/l  
RT: 7.57 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 42 Resp: 164030  
Ion Ratio Lower Upper  
42 100  
72 49.3 38.9 58.3  
71 45.5 35.4 53.2

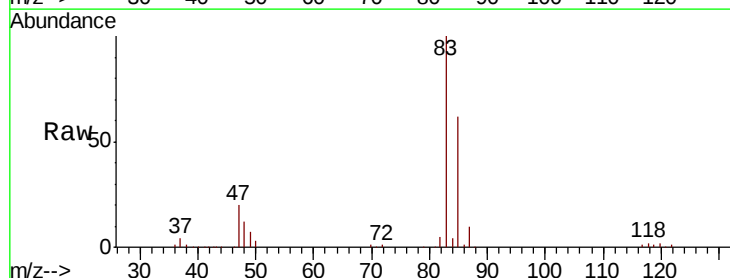


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

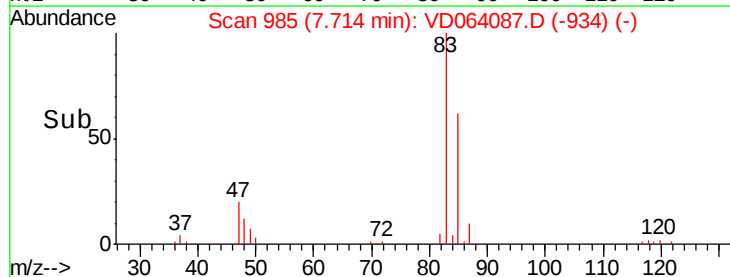
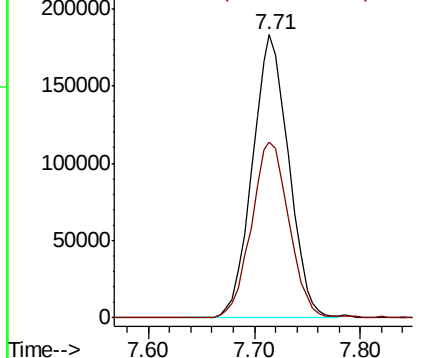


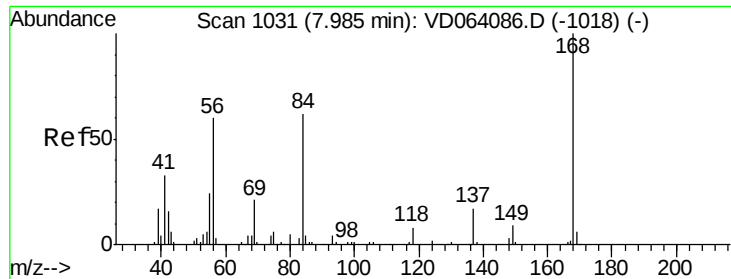
#30  
Chloroform  
Concen: 100.294 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Tgt Ion: 83 Resp: 435801  
Ion Ratio Lower Upper  
83 100  
85 62.3 49.8 74.6



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

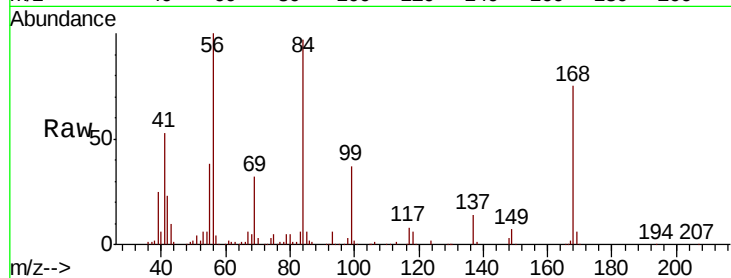




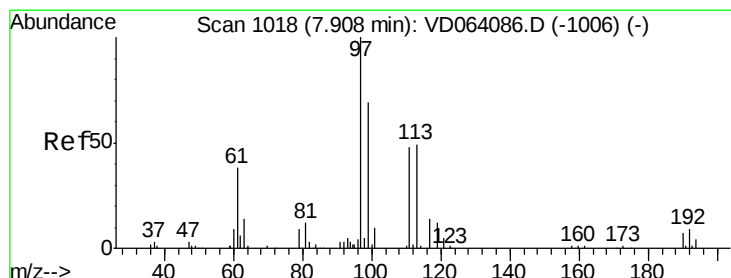
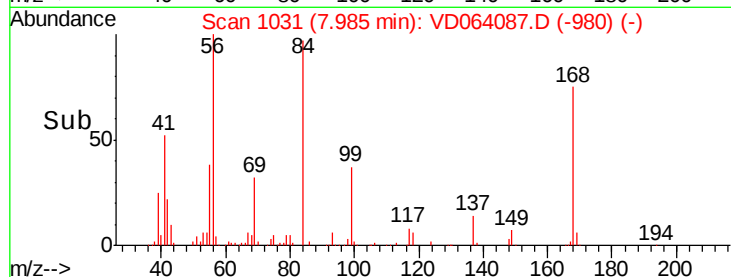
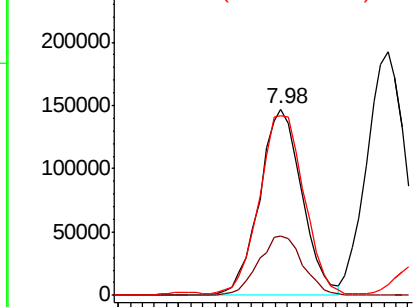
#31  
Cyclohexane  
Concen: 97.140 ug/l  
RT: 7.98 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 56 Resp: 359369  
Ion Ratio Lower Upper  
56 100  
69 32.1 27.7 41.5  
84 94.9 83.1 124.7

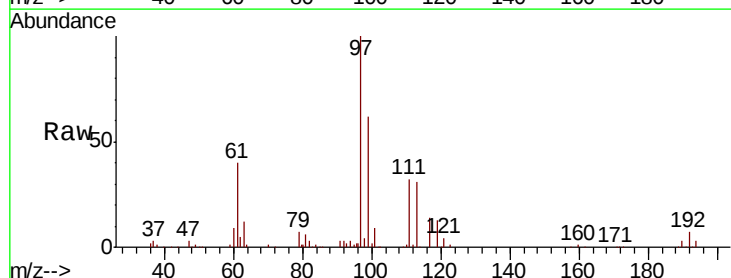


Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.00 (83.70 to 84.70): VDC

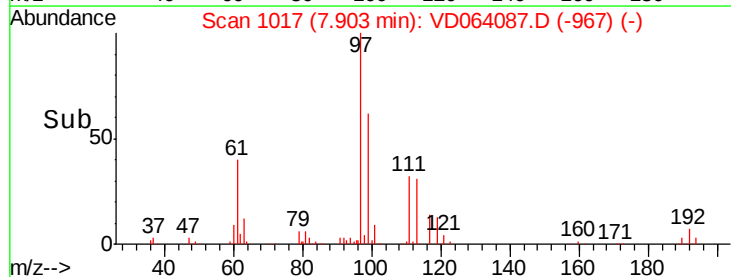
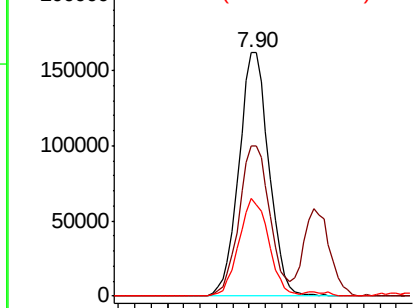


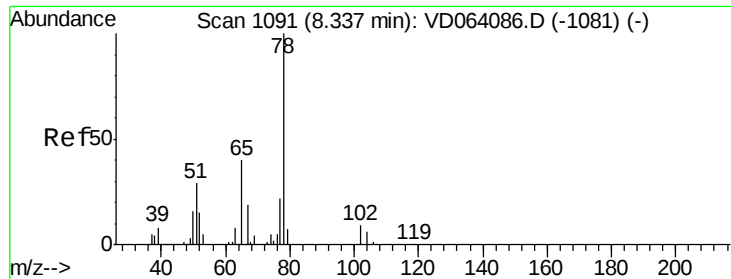
#32  
1,1,1-Trichloroethane  
Concen: 102.636 ug/l  
RT: 7.90 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Tgt Ion: 97 Resp: 415146  
Ion Ratio Lower Upper  
97 100  
99 63.2 53.7 80.5  
61 39.8 31.8 47.6



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: 100.776 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

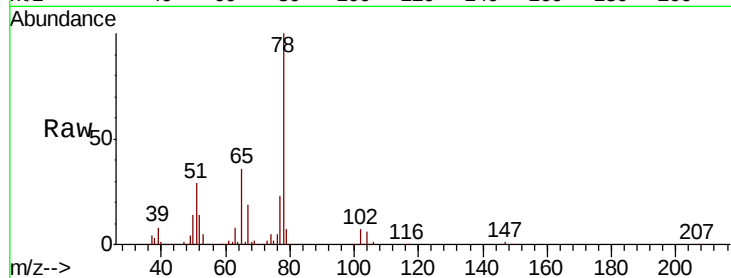
ClientSampleId :

Tot Ion: 65 Resp: 200441

Ion Ratio Lower Upper

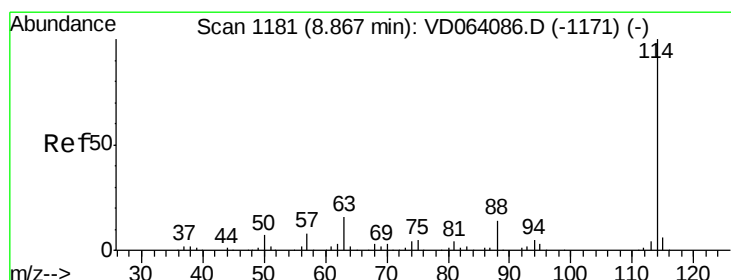
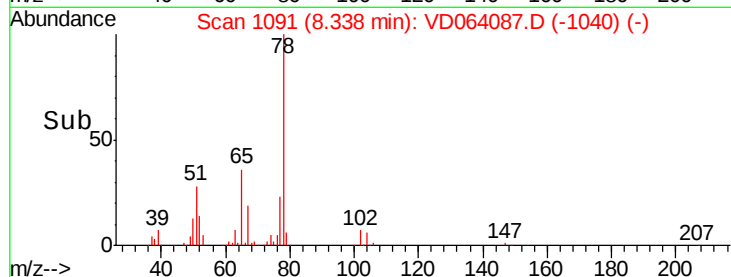
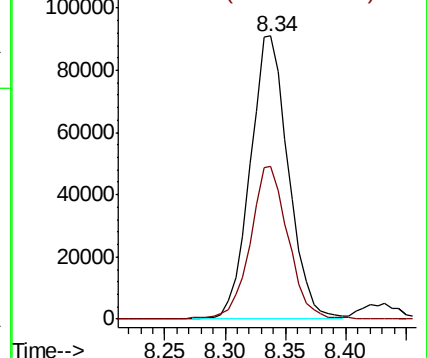
65 100

67 53.7 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

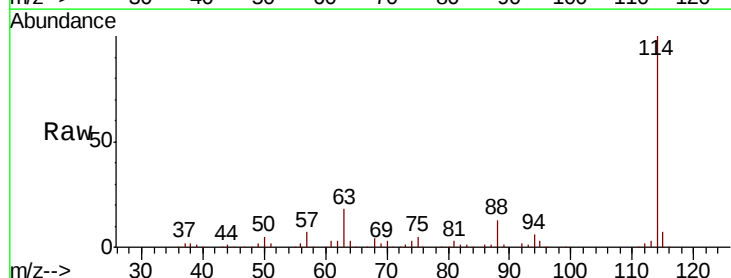
Tgt Ion: 114 Resp: 376988

Ion Ratio Lower Upper

114 100

63 18.0 0.0 32.8

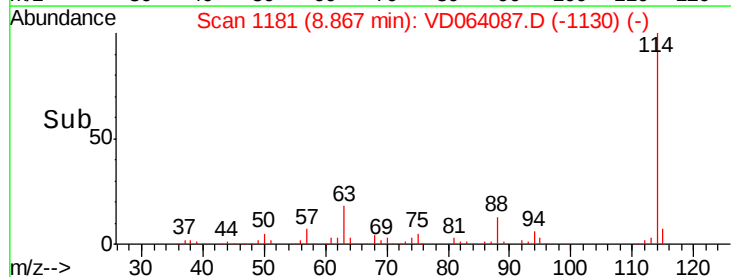
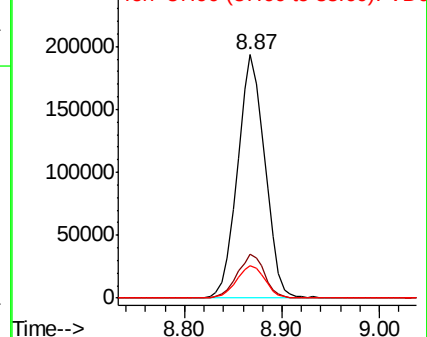
88 13.2 0.0 27.6

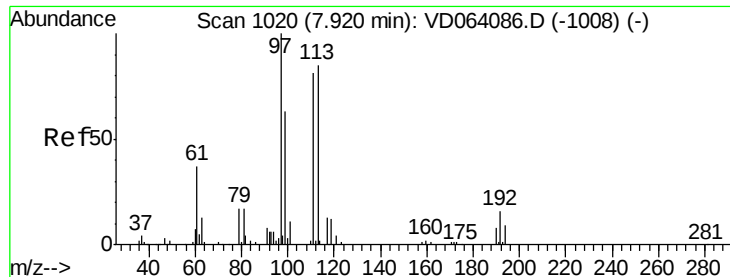


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

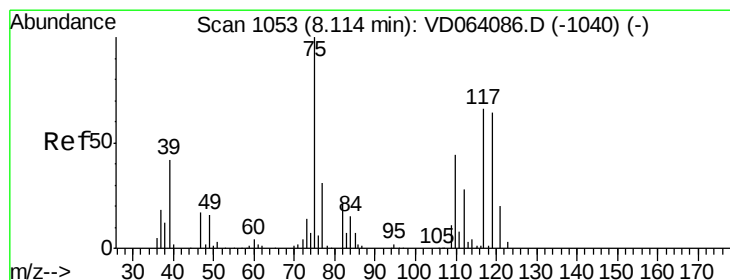
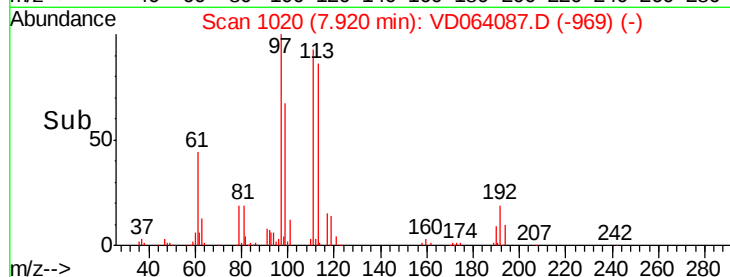
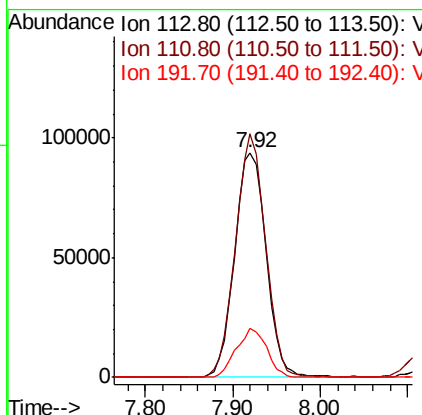
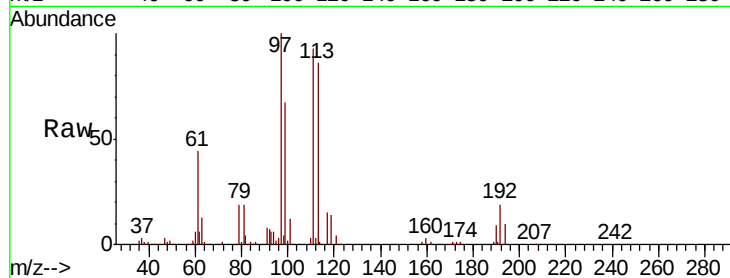




#35  
Dibromofluoromethane  
Concen: 98.574 ug/l  
RT: 7.92 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

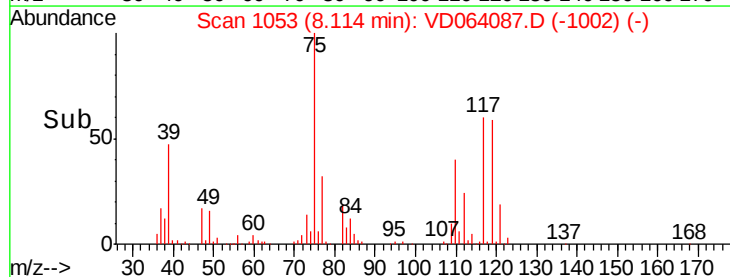
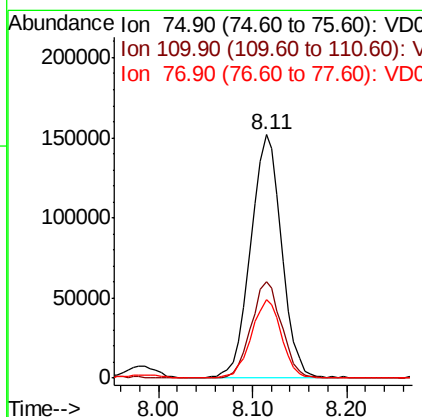
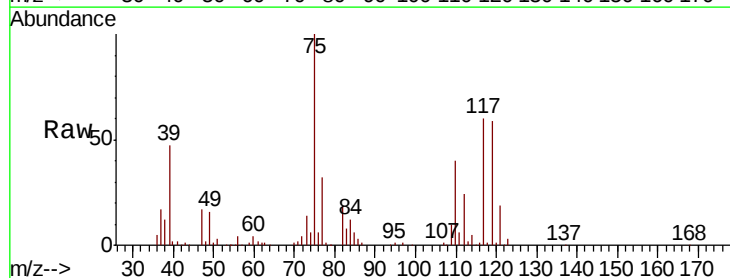
Instrument :  
MSVOA\_D  
ClientSampleId :

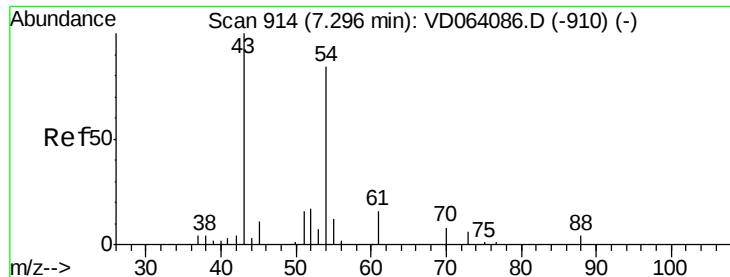
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.1 | 79.3  | 118.9 |
| 192     | 21.0  | 16.2  | 24.2  |



#36  
1,1-Dichloropropene  
Concen: 98.088 ug/l  
RT: 8.11 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 38.9  | 20.0  | 59.9  |
| 77      | 31.5  | 24.7  | 37.1  |

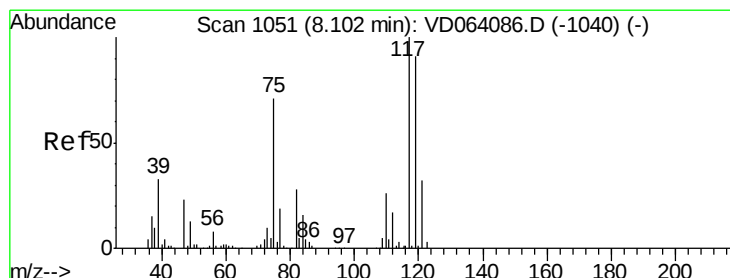
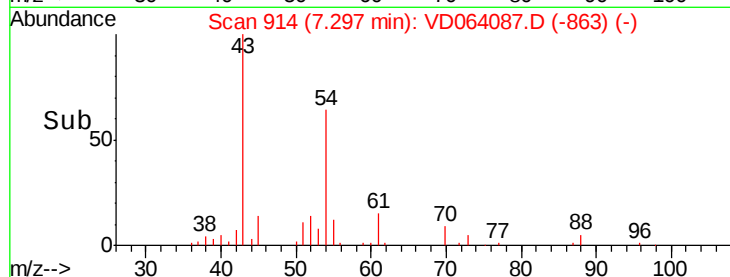
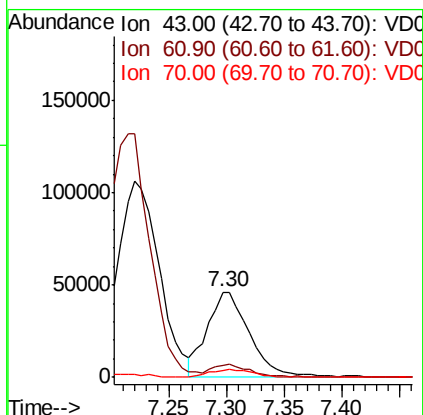
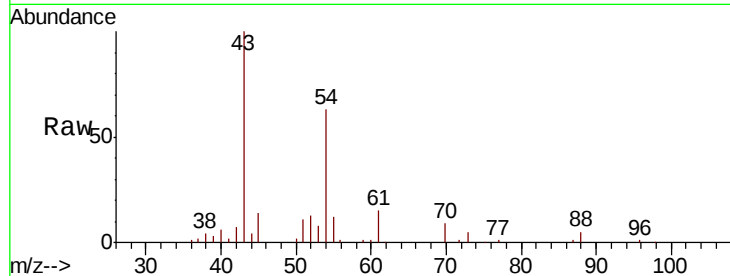




#37  
Ethyl Acetate  
Concen: 105.322 ug/l  
RT: 7.30 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

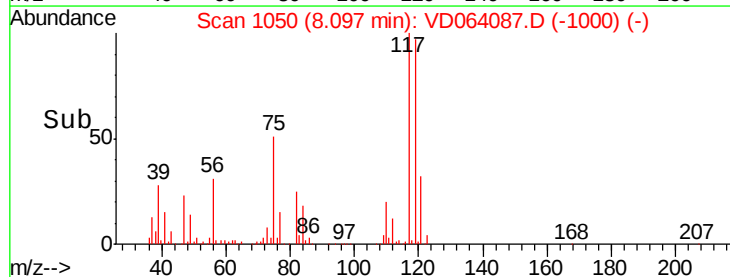
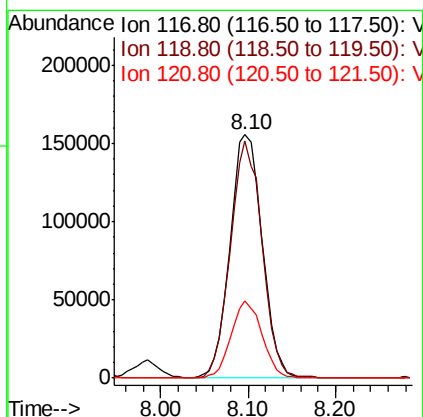
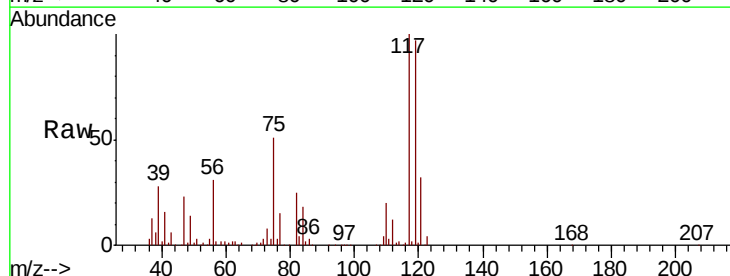
Instrument :  
MSVOA\_D  
ClientSampled :

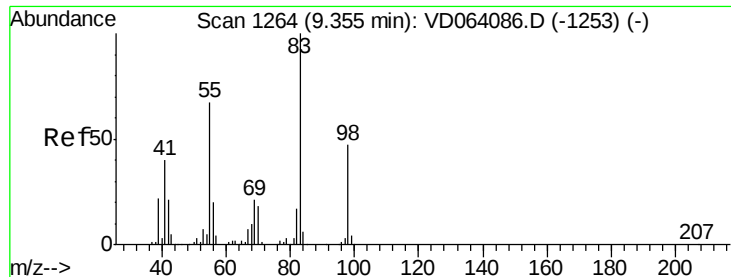
Tot Ion: 43 Resp: 114517  
Ion Ratio Lower Upper  
43 100  
61 13.8 12.0 18.0  
70 10.2 3.8 5.6#



#38  
Carbon Tetrachloride  
Concen: 100.792 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Tgt Ion: 117 Resp: 388469  
Ion Ratio Lower Upper  
117 100  
119 97.2 72.6 108.8  
121 31.7 25.8 38.6

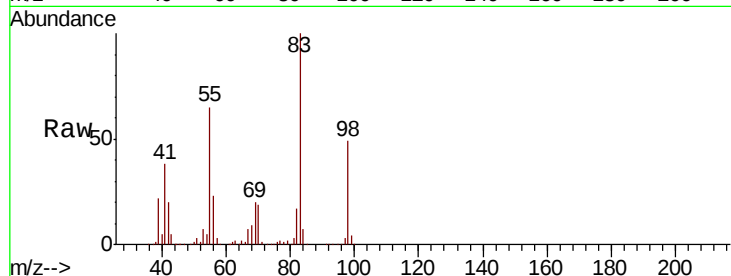




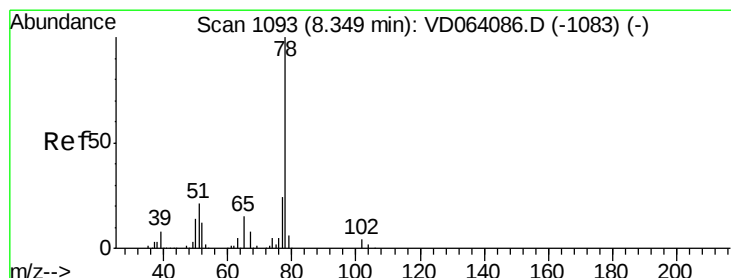
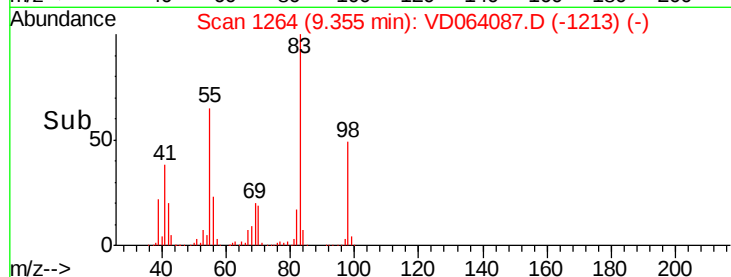
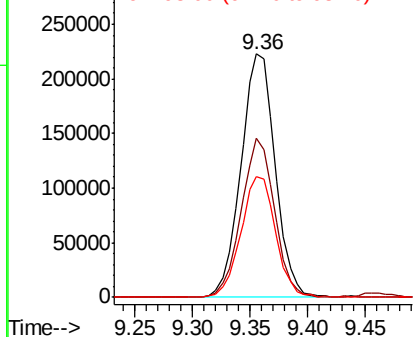
#39  
Methvlcvclohexane  
Concen: 106.022 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 83 Resp: 459749  
Ion Ratio Lower Upper  
83 100  
55 65.4 53.4 80.0  
98 49.4 37.8 56.6

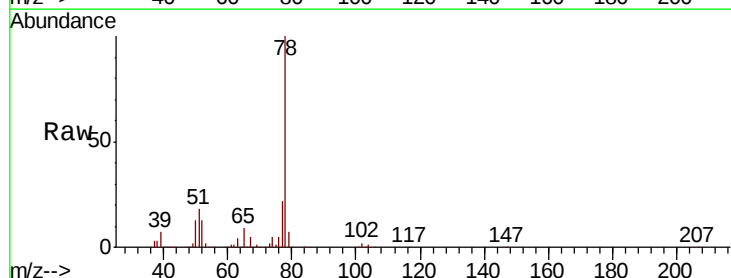


Abundance Ion 83.00 (82.70 to 83.70): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.00 (97.70 to 98.70): VDC

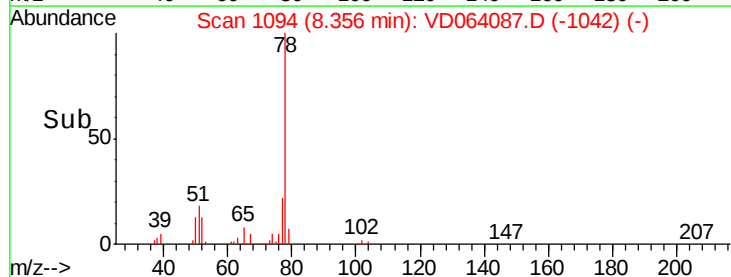
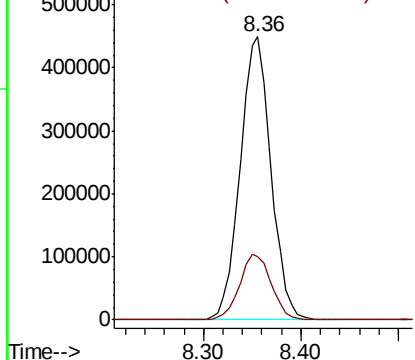


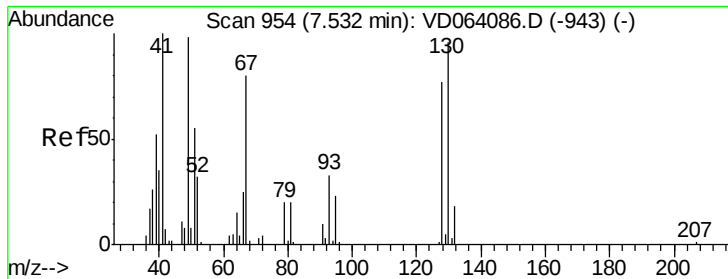
#40  
Benzene  
Concen: 102.765 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. 0.01 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Tgt Ion: 78 Resp: 989929  
Ion Ratio Lower Upper  
78 100  
77 22.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VDC  
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 99.413 ug/l

RT: 7.54 min Scan# 955

Delta R.T. 0.01 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

ClientSampled :

Tot Ion: 41 Resp: 73354

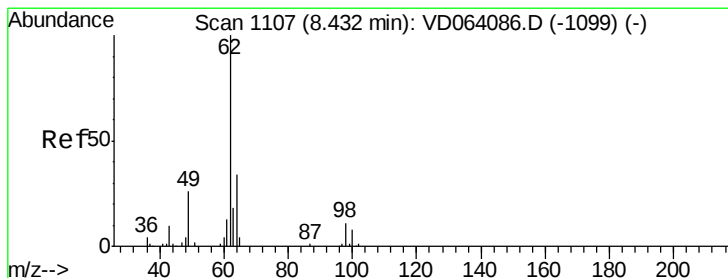
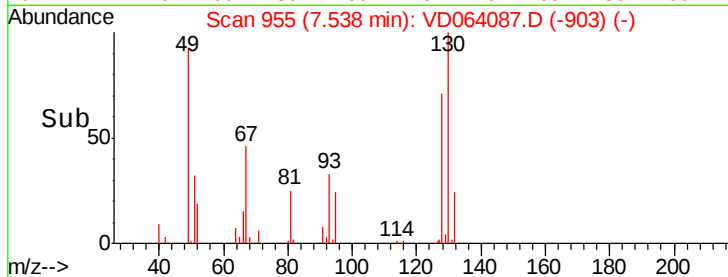
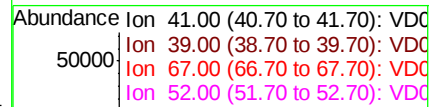
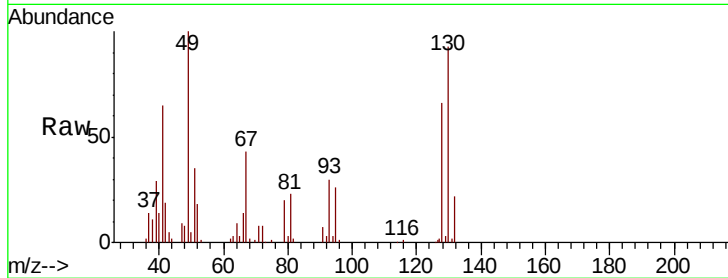
Ion Ratio Lower Upper

41 100

39 41.2 41.0 61.4

67 76.7 73.4 110.0

52 31.2 27.3 40.9



#42

1,2-Dichloroethane

Concen: 98.575 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD064087.D

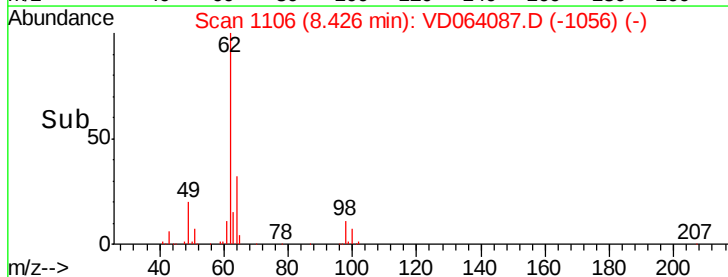
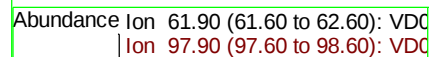
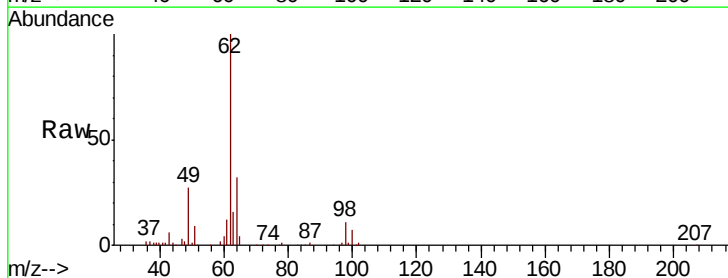
Acq: 29 Oct 2019 14:04

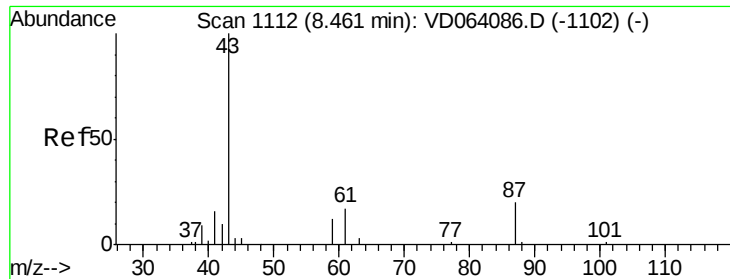
Tgt Ion: 62 Resp: 250829

Ion Ratio Lower Upper

62 100

98 10.9 0.0 21.0





#43

Isopropyl Acetate

Concen: 106.234 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

ClientSampled :

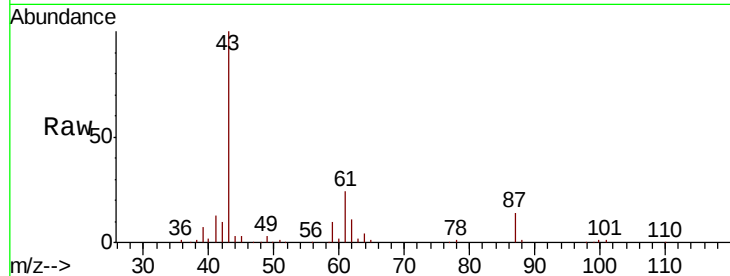
Tot Ion: 43 Resp: 233437

Ion Ratio Lower Upper

43 100

61 32.5 25.8 38.8

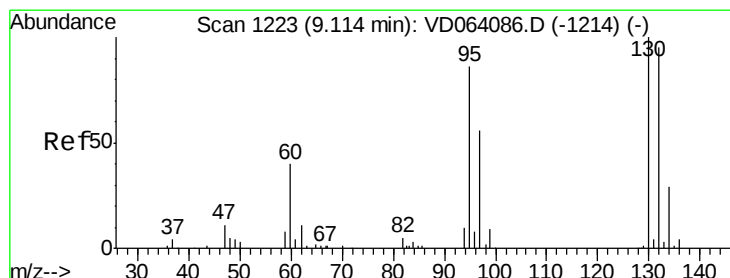
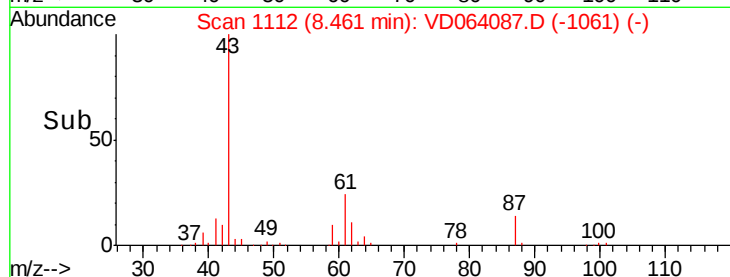
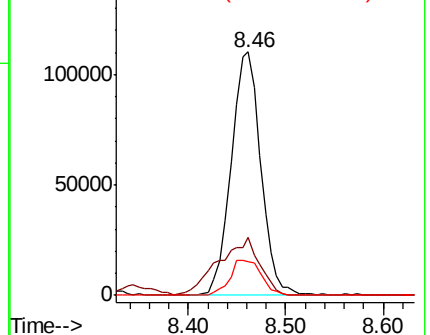
87 15.4 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 101.495 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD064087.D

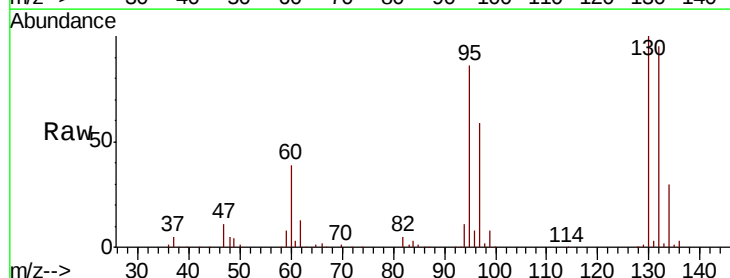
Acq: 29 Oct 2019 14:04

Tgt Ion:130 Resp: 296331

Ion Ratio Lower Upper

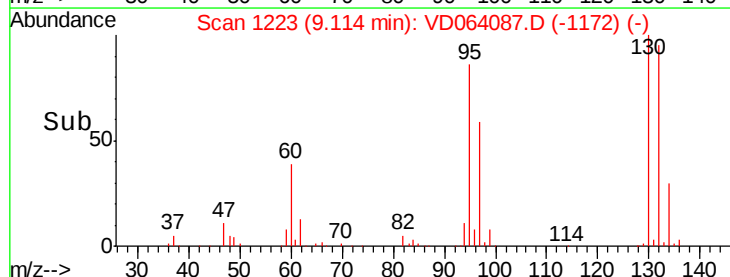
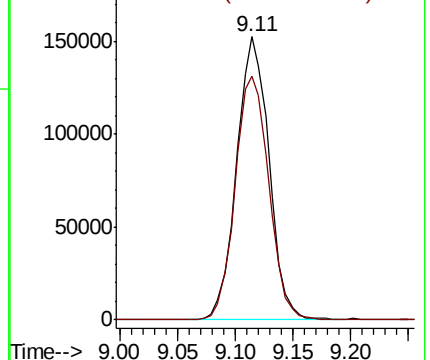
130 100

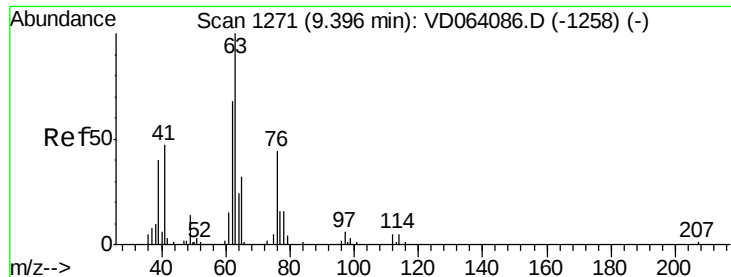
95 86.1 0.0 173.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

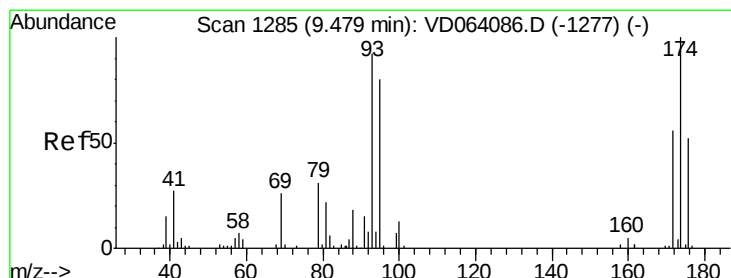
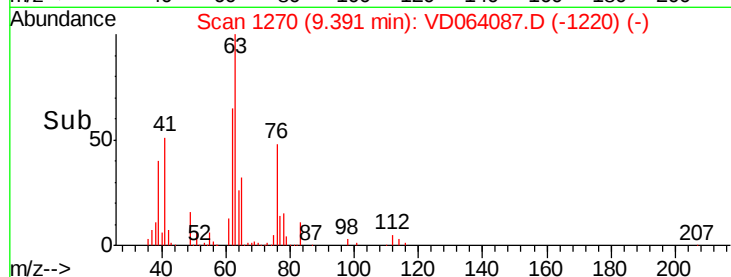
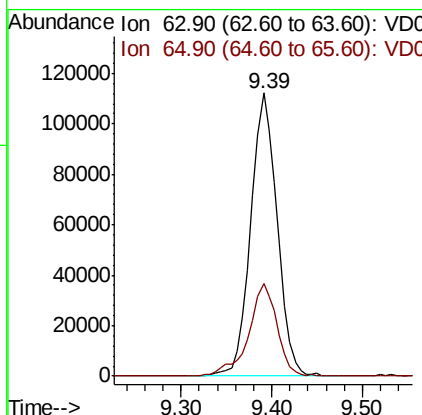
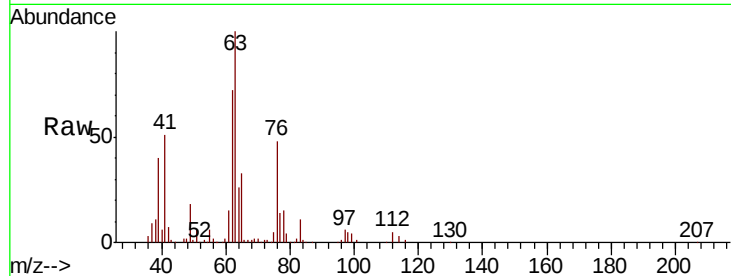




#45  
 1,2-Dichloropropane  
 Concen: 101.628 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. -0.01 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

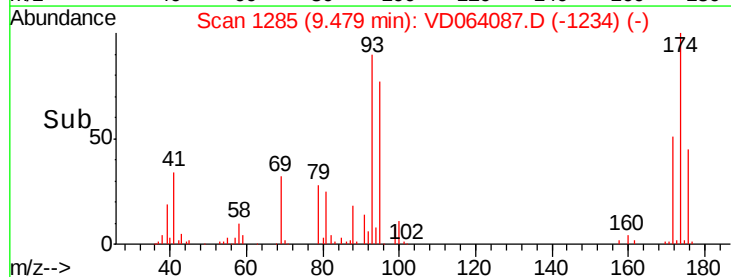
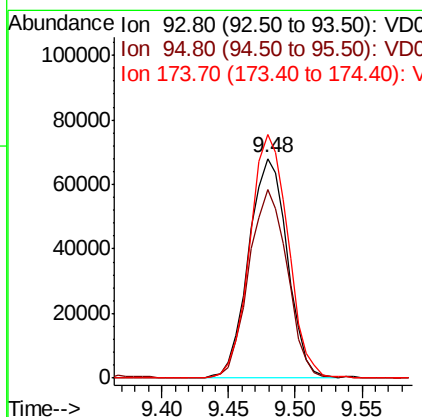
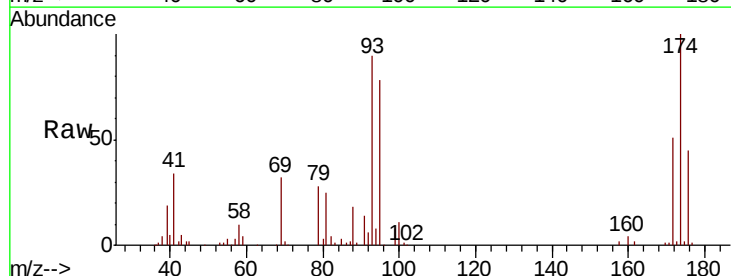
Instrument :  
 MSVOA\_D  
 ClientSampleId :

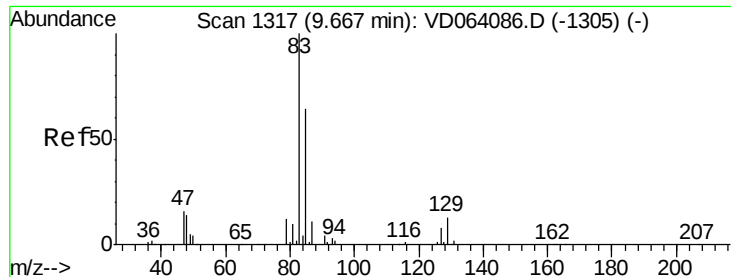
Tot Ion: 63 Resp: 226879  
 Ion Ratio Lower Upper  
 63 100  
 65 32.8 25.8 38.8



#46  
 Dibromomethane  
 Concen: 101.309 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. 0.00 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

Tgt Ion: 93 Resp: 136212  
 Ion Ratio Lower Upper  
 93 100  
 95 85.8 67.4 101.2  
 174 109.7 86.4 129.6





#47

Bromodichloromethane

Concen: 102.275 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :  
MSVOA\_D  
ClientSampleId :

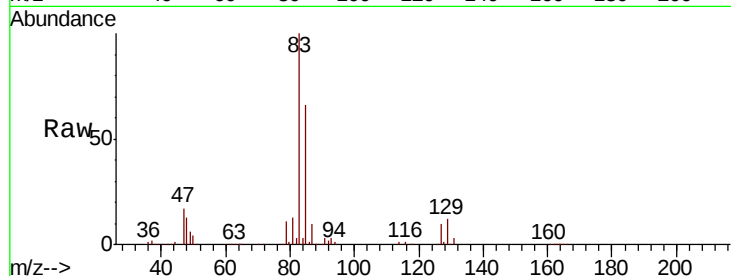
Tot Ion: 83 Resp: 346909

Ion Ratio Lower Upper

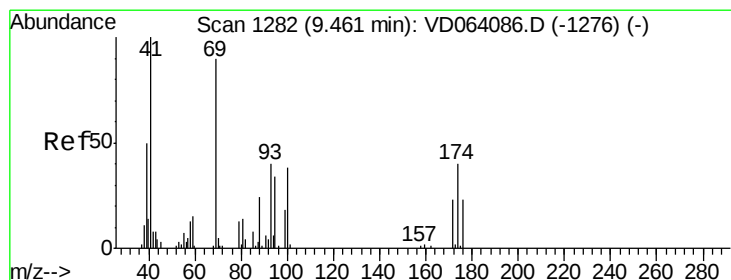
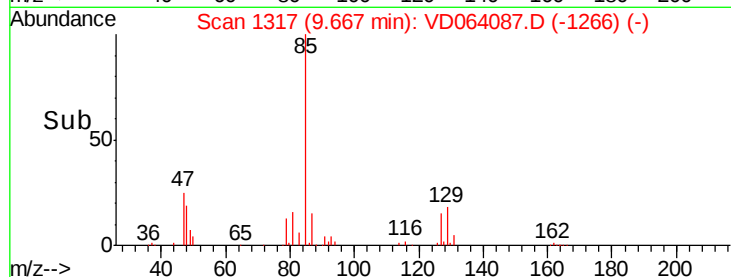
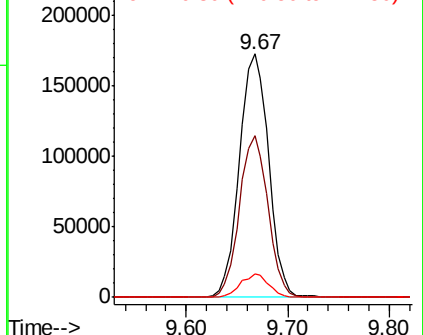
83 100

85 66.3 51.4 77.0

127 9.9 6.7 10.1



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



#48

Methyl methacrylate

Concen: 105.928 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

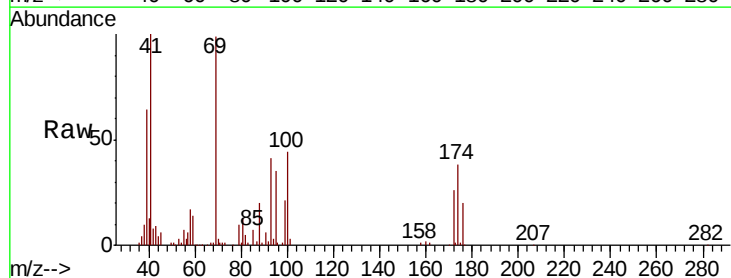
Tgt Ion: 41 Resp: 107639

Ion Ratio Lower Upper

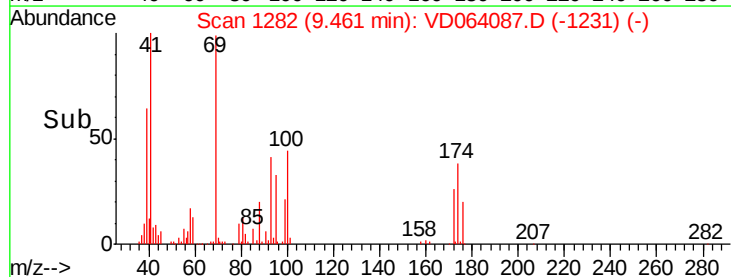
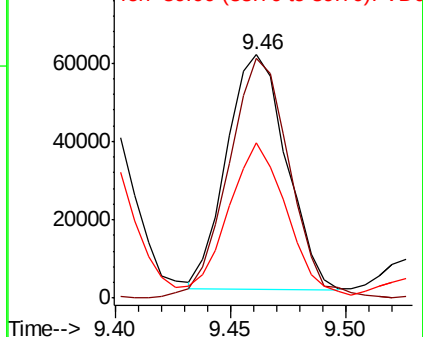
41 100

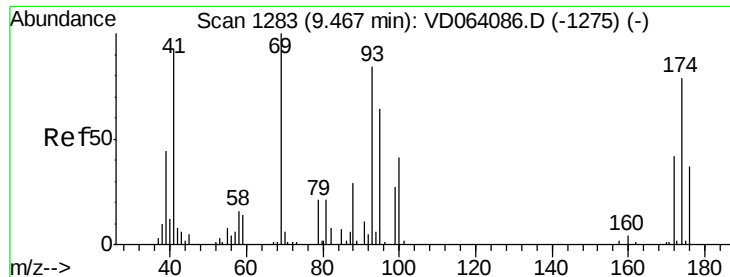
69 105.1 82.6 124.0

39 63.6 47.0 70.4



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





#49

1,4-Dioxane

Concen: 2163.692 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :  
MSVOA\_D  
ClientSampleId :

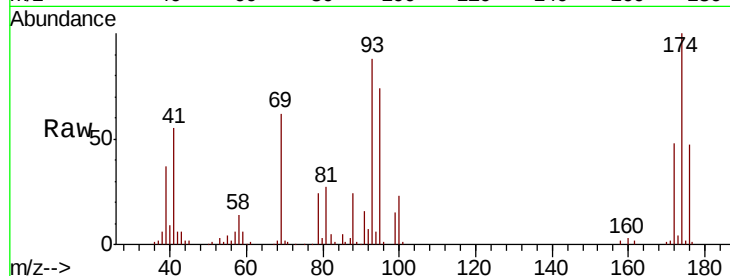
Tot Ion: 88 Resp: 33300

Ion Ratio Lower Upper

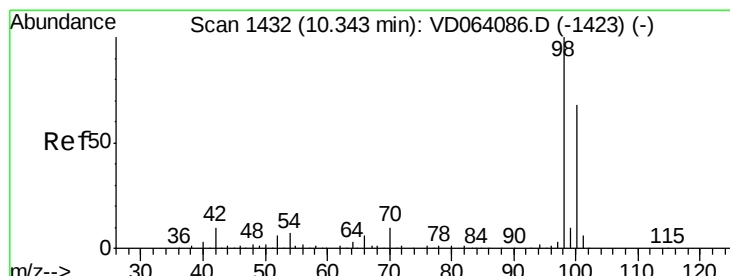
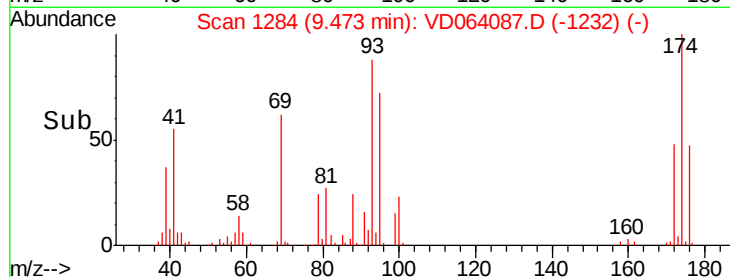
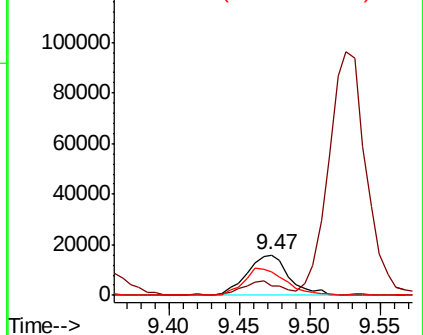
88 100

43 33.3 13.4 20.0#

58 66.9 46.7 70.1



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: 103.279 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064087.D

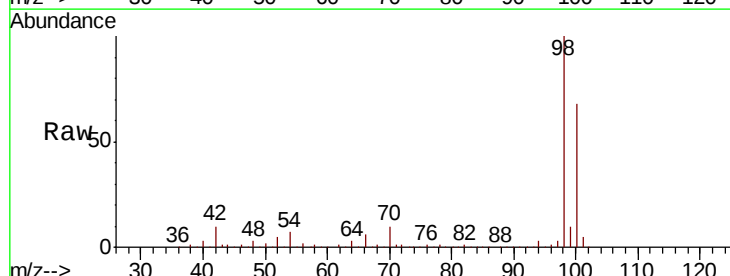
Acq: 29 Oct 2019 14:04

Tgt Ion: 98 Resp: 957958

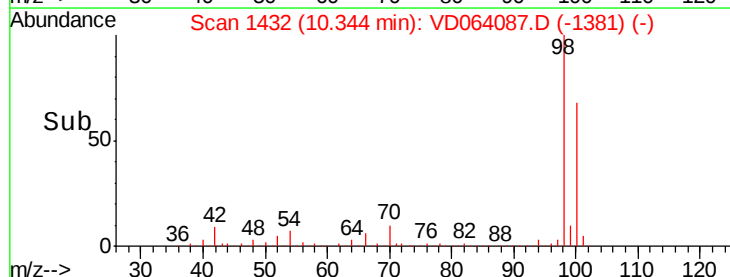
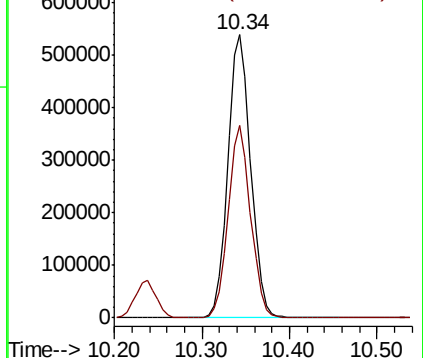
Ion Ratio Lower Upper

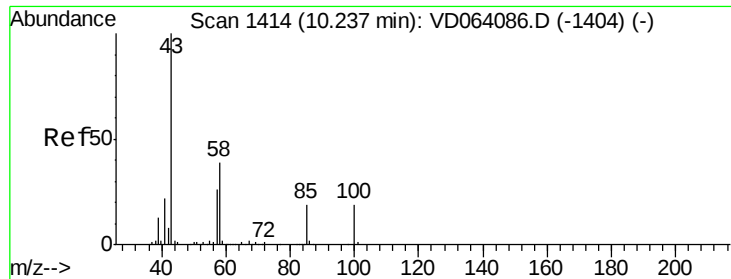
98 100

100 66.3 53.4 80.0



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: 537.937 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

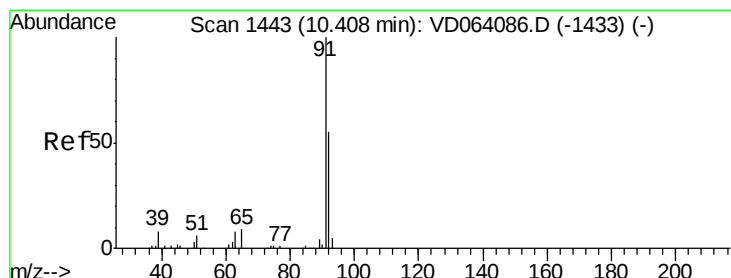
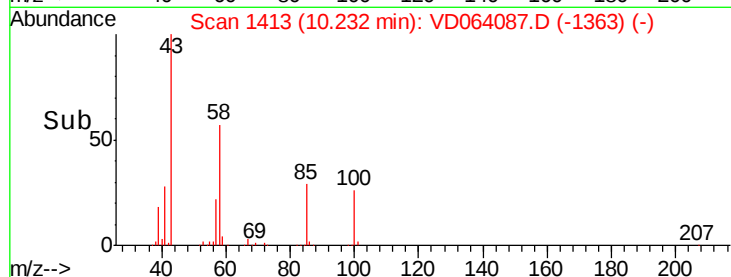
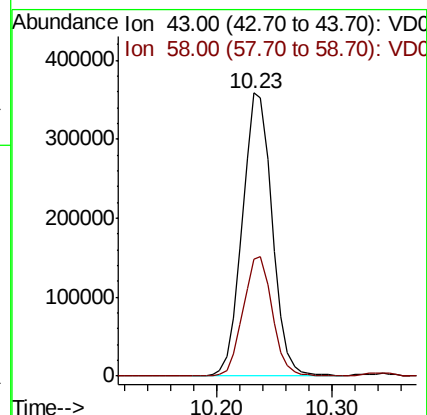
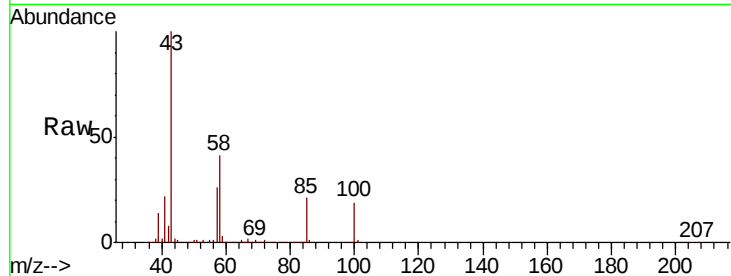
ClientSampleId :

Tot Ion: 43 Resp: 643511

Ion Ratio Lower Upper

43 100

58 41.3 33.0 49.4



#52

Toluene

Concen: 106.823 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD064087.D

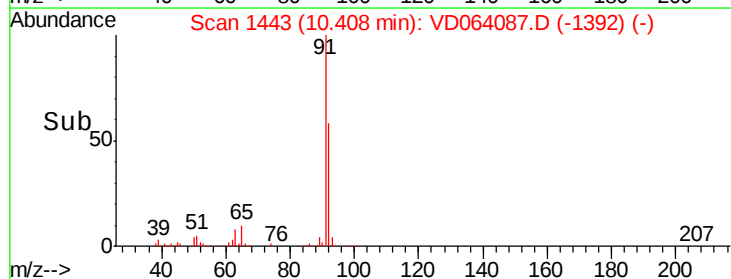
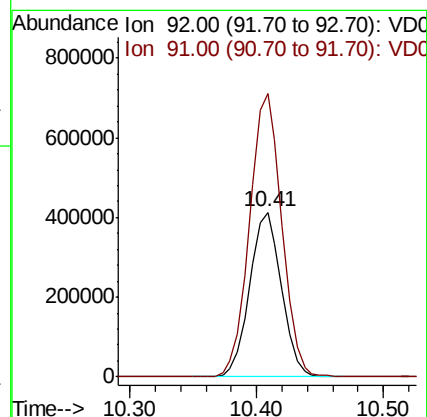
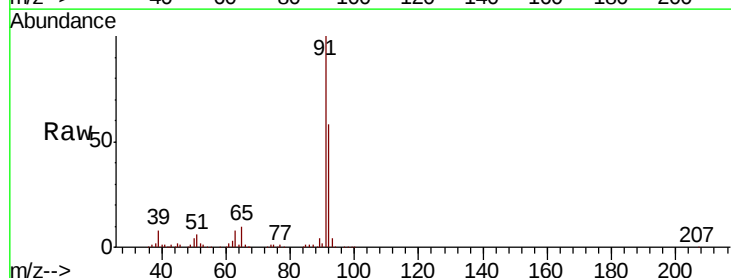
Acq: 29 Oct 2019 14:04

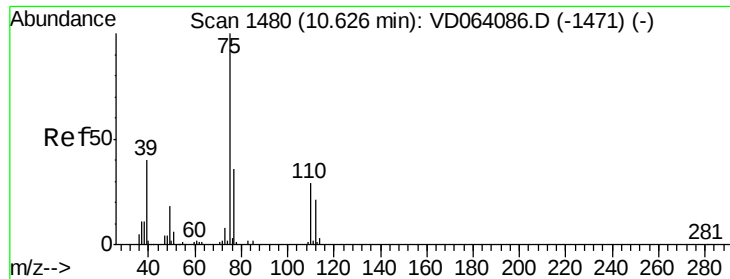
Tgt Ion: 92 Resp: 721138

Ion Ratio Lower Upper

92 100

91 174.6 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 109.962 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

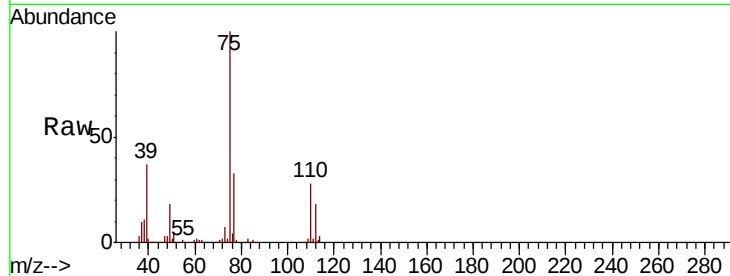
ClientSampleId :

Tot Ion: 75 Resp: 348168

Ion Ratio Lower Upper

75 100

77 33.1 28.7 43.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

200000

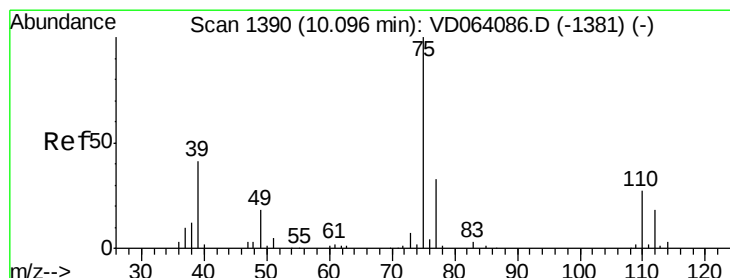
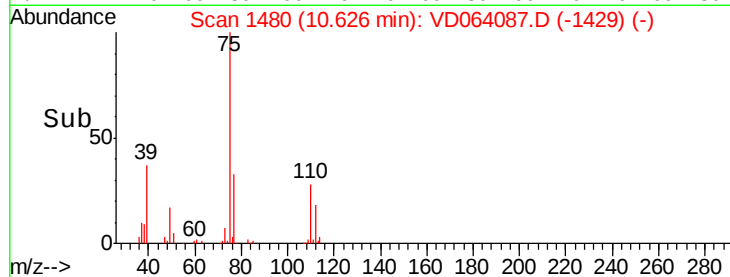
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 105.585 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

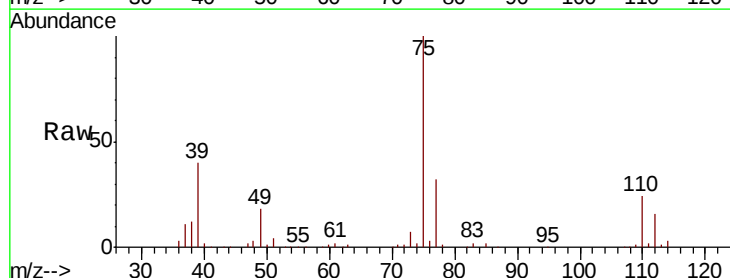
Tgt Ion: 75 Resp: 393315

Ion Ratio Lower Upper

75 100

77 31.6 26.8 40.2

39 39.5 32.7 49.1



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

300000

250000

200000

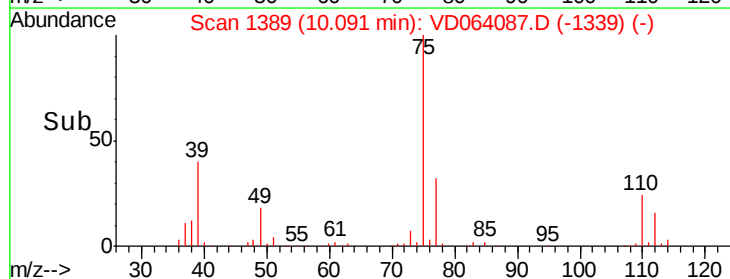
150000

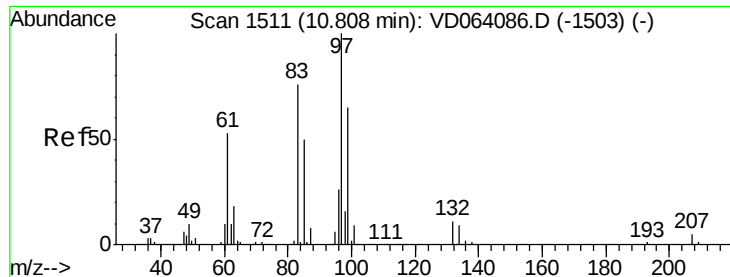
100000

50000

0

Time-->

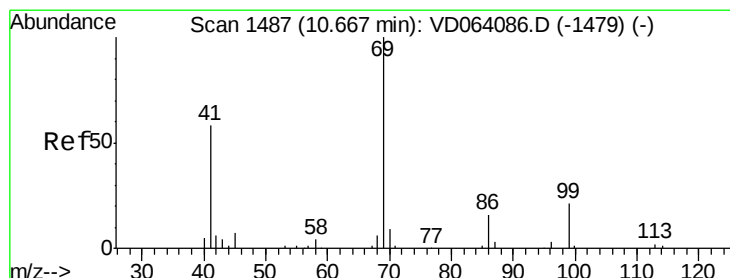
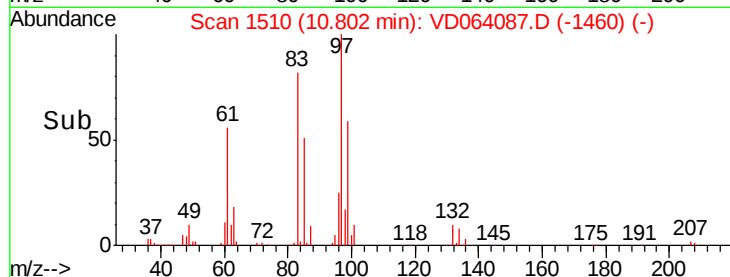
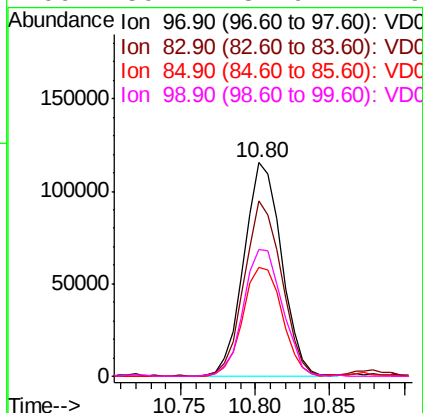
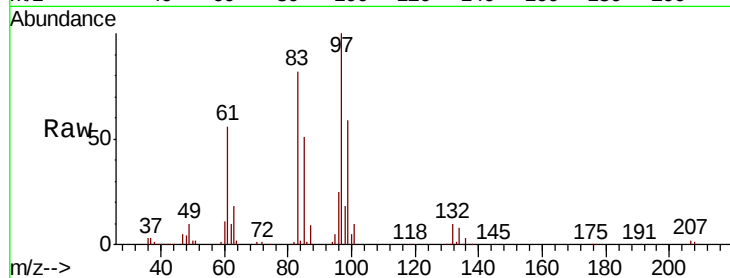




#55  
 1,1,2-Trichloroethane  
 Concen: 105.737 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. -0.01 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

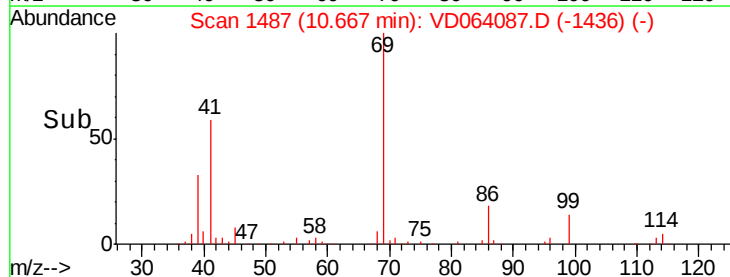
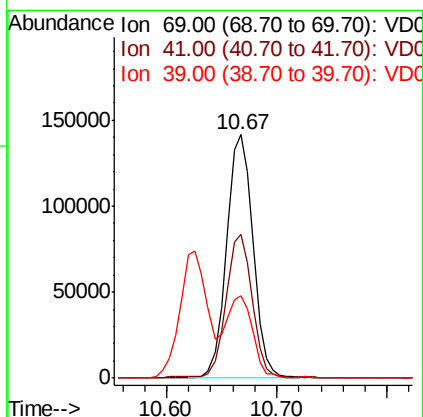
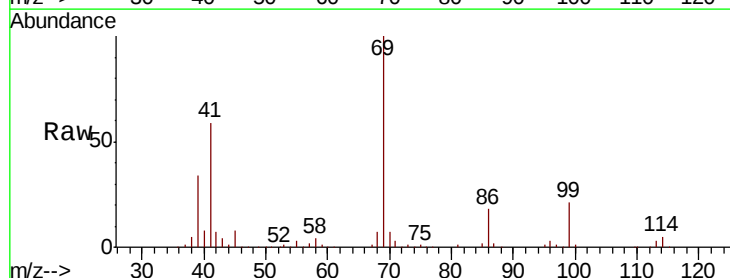
Instrument :  
 MSVOA\_D  
 ClientSampleId :

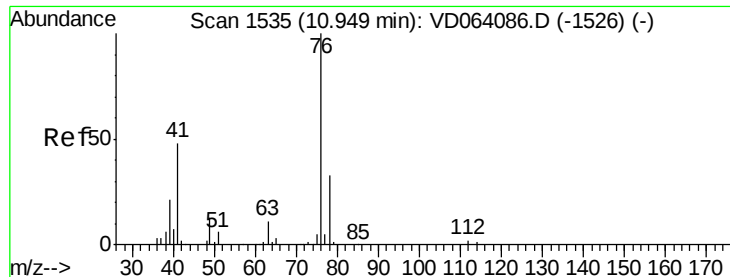
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 201563 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 81.9  | 60.9  | 91.3   |
| 85       | 50.8  | 40.2  | 60.2   |
| 99       | 59.4  | 51.9  | 77.9   |



#56  
 Ethyl methacrylate  
 Concen: 115.082 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 238207 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 59.3  | 46.9  | 70.3   |
| 39       | 30.7  | 27.3  | 40.9   |





#57

1,3-Dichloropropane

Concen: 104.436 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

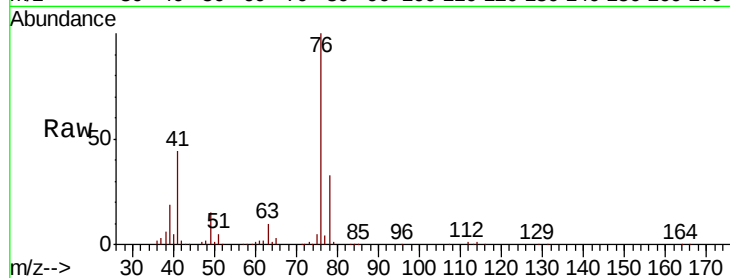
ClientSampleId :

Tot Ion: 76 Resp: 329248

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

200000

150000

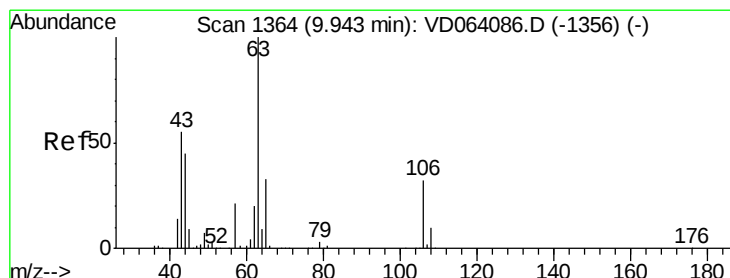
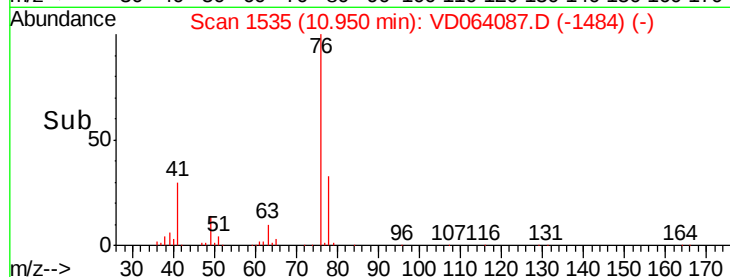
100000

50000

0

10.90 11.00

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 511.453 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VD064087.D

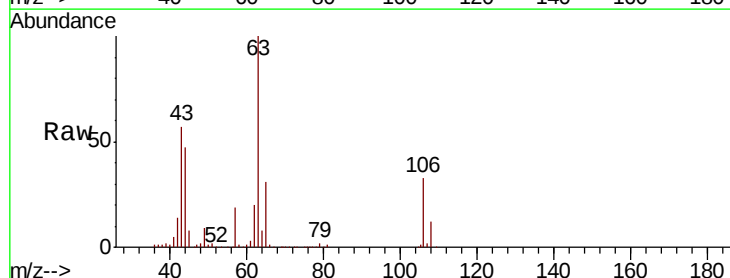
Acq: 29 Oct 2019 14:04

Tgt Ion: 63 Resp: 427136

Ion Ratio Lower Upper

63 100

106 32.7 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

250000

200000

150000

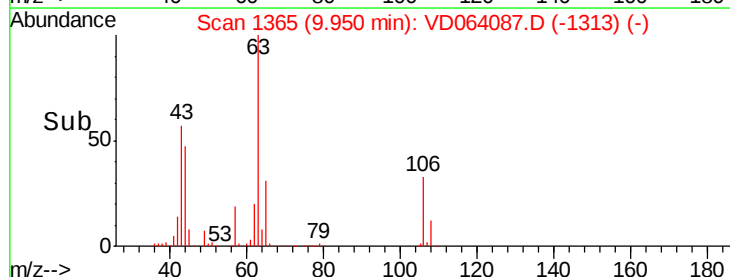
100000

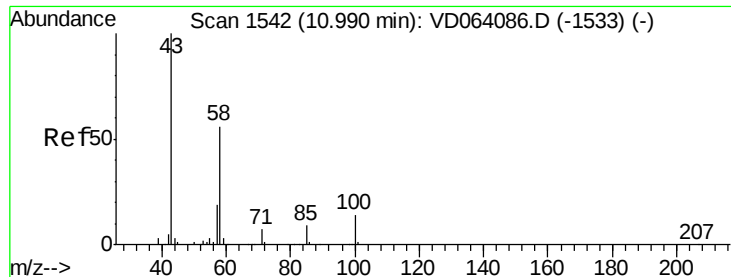
50000

0

9.90 10.00

Time-->

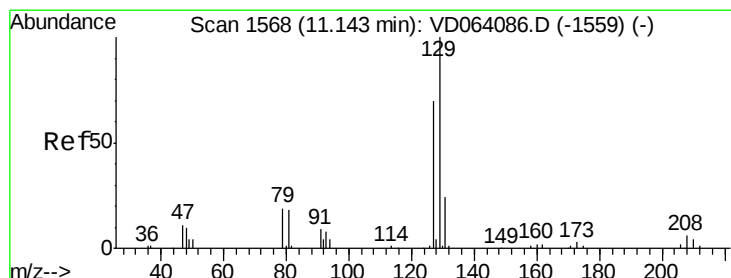
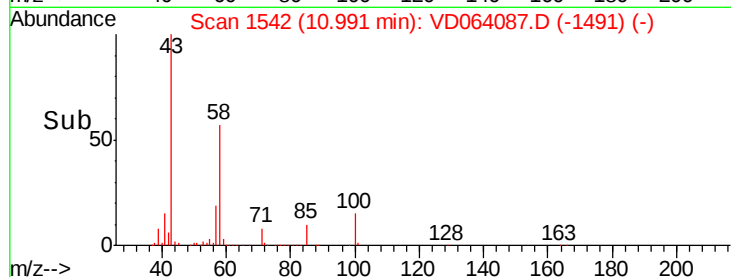
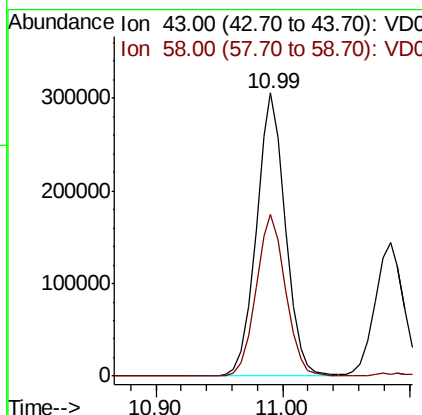
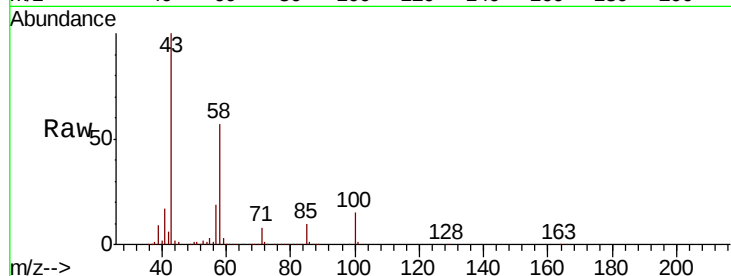




#59  
2-Hexanone  
Concen: 570.218 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

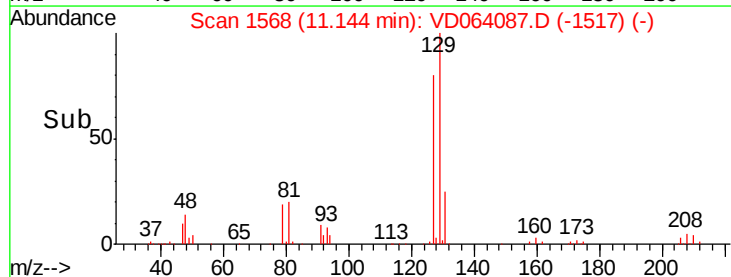
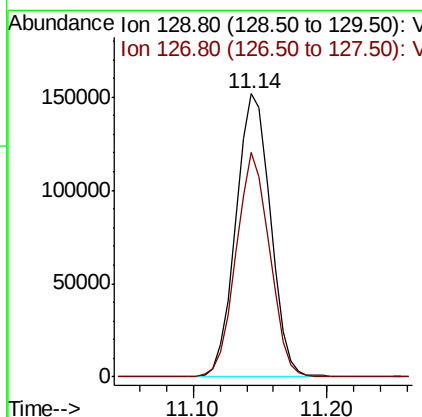
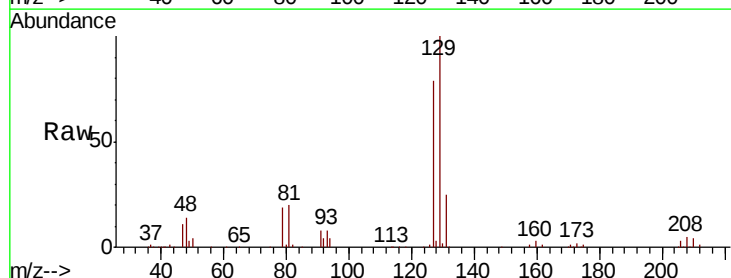
Instrument :  
MSVOA\_D  
ClientSampleId :

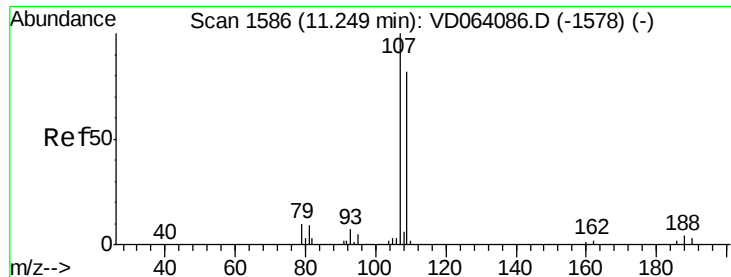
Tot Ion: 43 Resp: 486133  
Ion Ratio Lower Upper  
43 100  
58 58.4 29.2 87.6



#60  
Dibromochloromethane  
Concen: 105.184 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Tgt Ion: 129 Resp: 272147  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 106.893 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

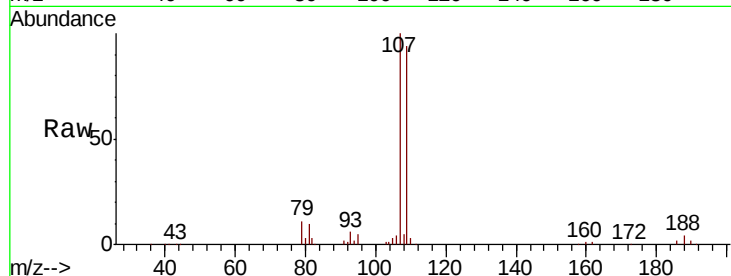
ClientSampleId :

Tot Ion:107 Resp: 203799

Ion Ratio Lower Upper

107 100

109 91.2 73.0 109.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.25

120000

100000

80000

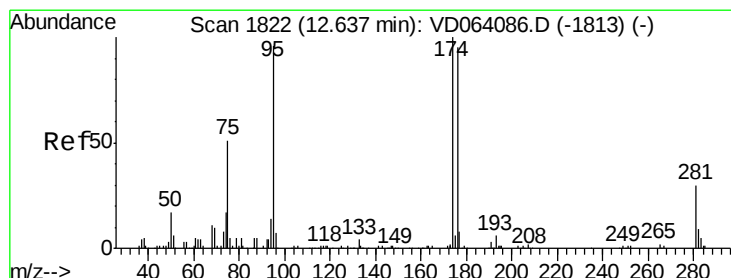
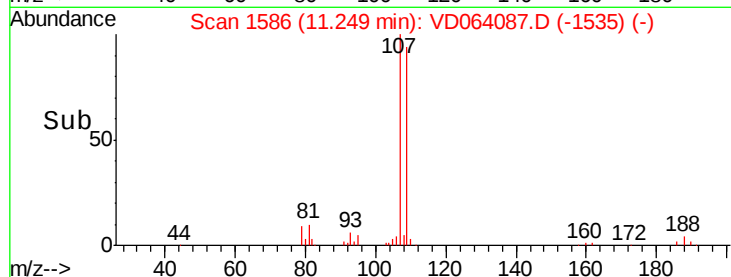
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 107.531 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

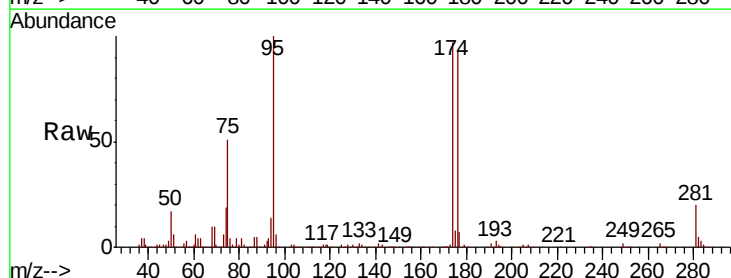
Tgt Ion: 95 Resp: 330666

Ion Ratio Lower Upper

95 100

174 96.4 0.0 201.6

176 92.7 0.0 192.6



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

250000

200000

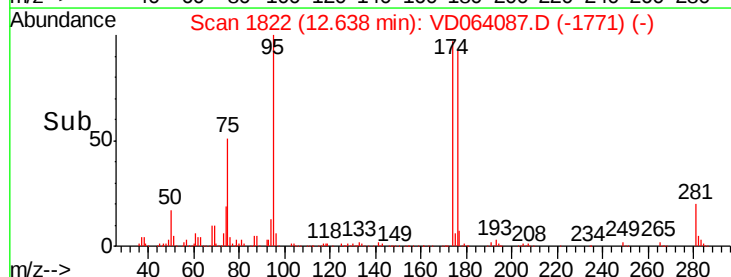
150000

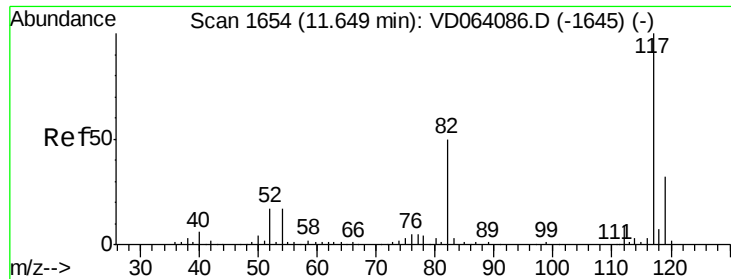
100000

50000

0

Time-->

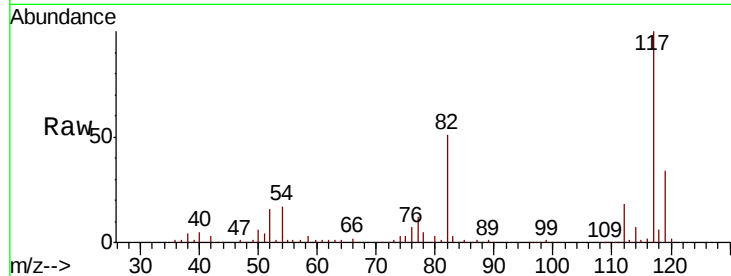




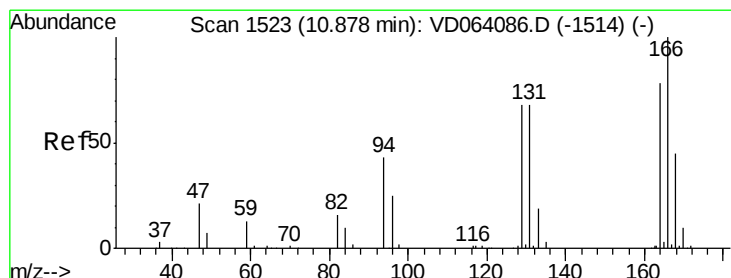
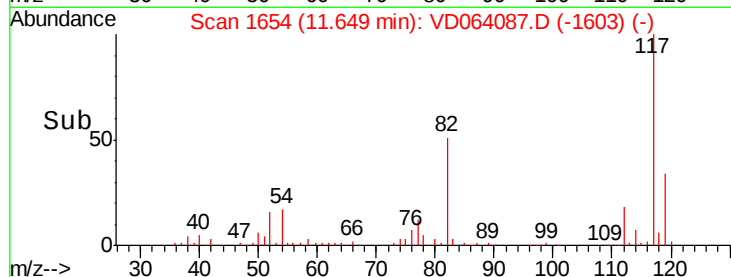
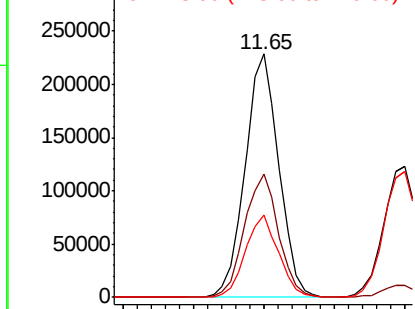
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:117 Resp: 382209  
Ion Ratio Lower Upper  
117 100  
82 50.5 40.2 60.4  
119 34.1 26.0 39.0

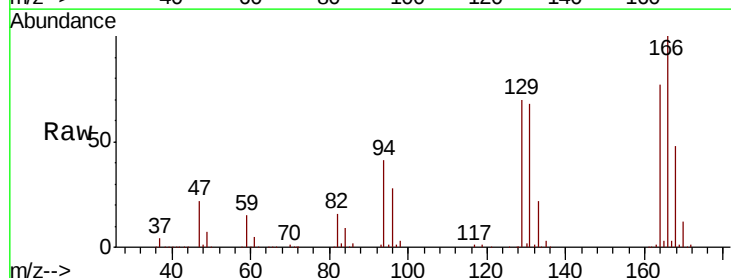


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

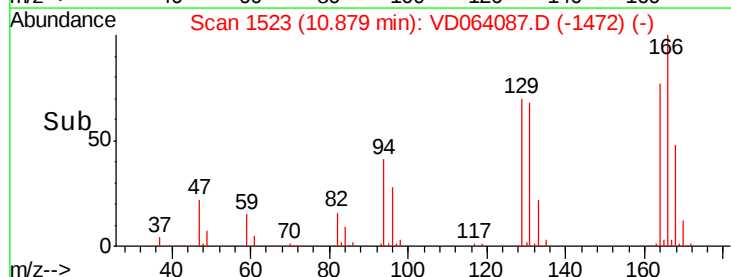
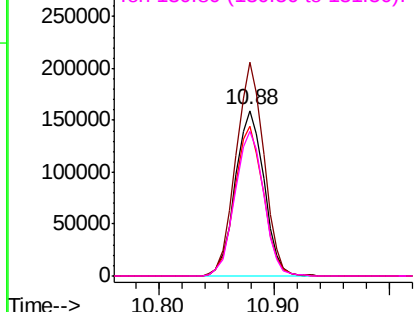


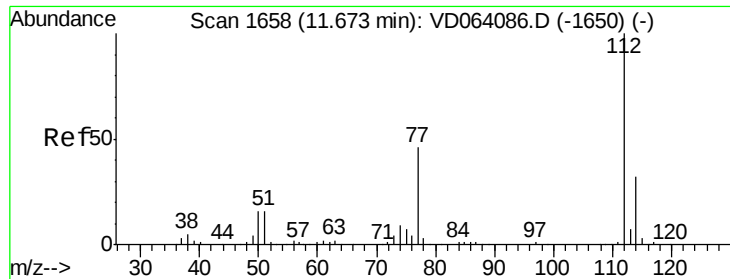
#64  
Tetrachloroethene  
Concen: 100.390 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Tgt Ion:164 Resp: 275651  
Ion Ratio Lower Upper  
164 100  
166 129.3 102.7 154.1  
129 91.0 69.8 104.6  
131 87.5 69.4 104.0



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

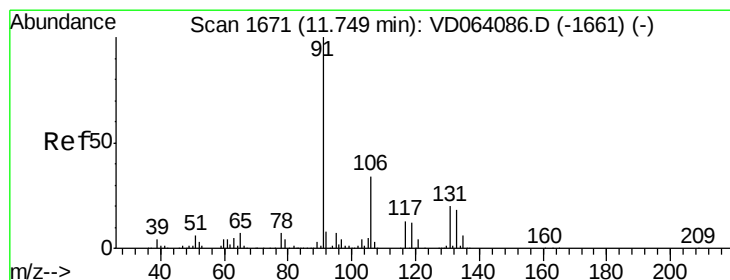
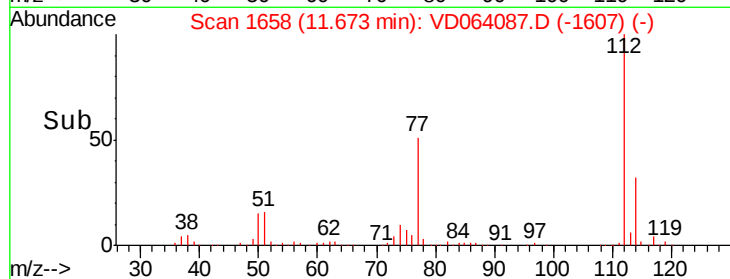
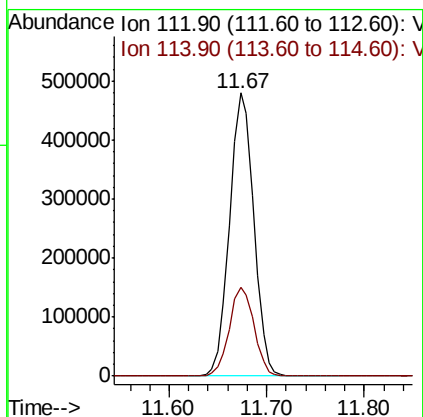
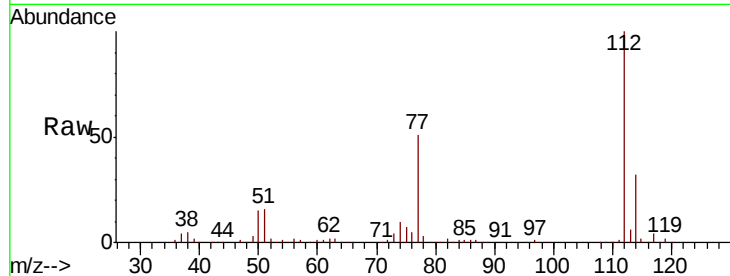




#65  
Chlorobenzene  
Concen: 104.496 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

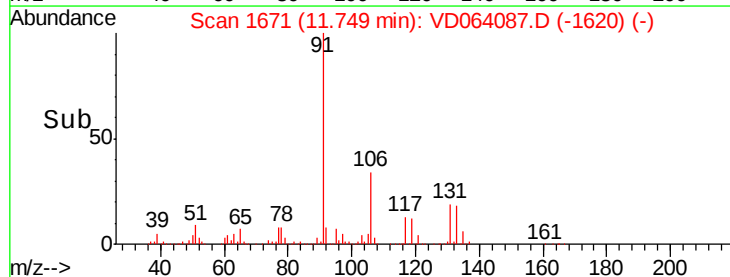
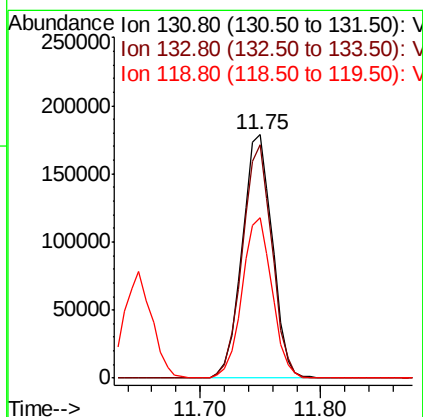
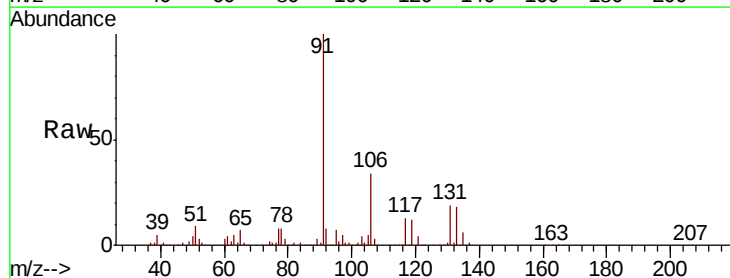
Instrument :  
MSVOA\_D  
ClientSampled :

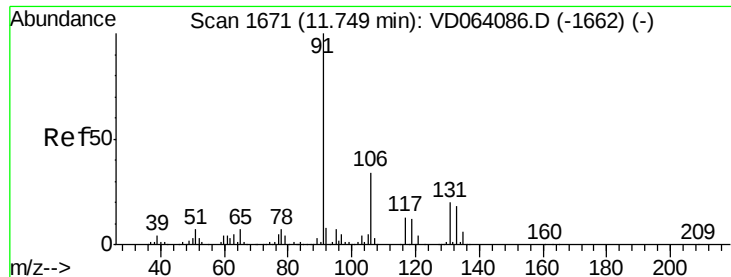
Tot Ion:112 Resp: 825235  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 105.686 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Tgt Ion:131 Resp: 312306  
Ion Ratio Lower Upper  
131 100  
133 94.3 47.6 142.9  
119 65.2 31.4 94.3





#67

Ethyl Benzene

Concen: 109.080 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

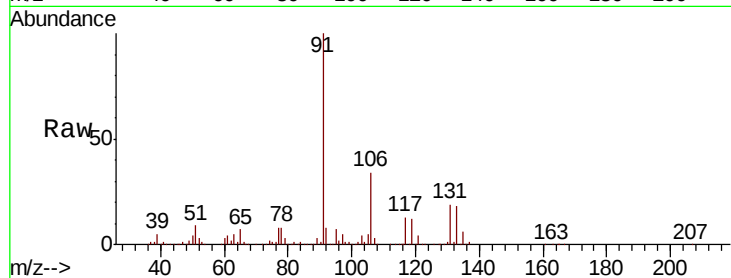
ClientSampleId :

Tot Ion: 91 Resp: 1532205

Ion Ratio Lower Upper

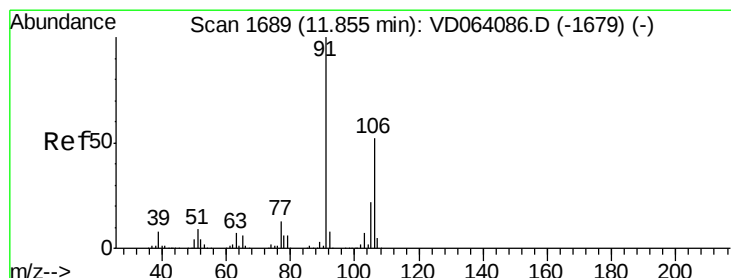
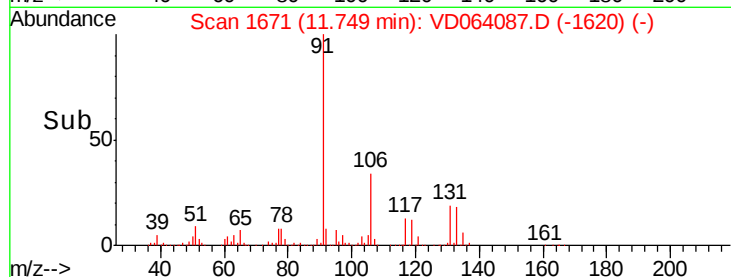
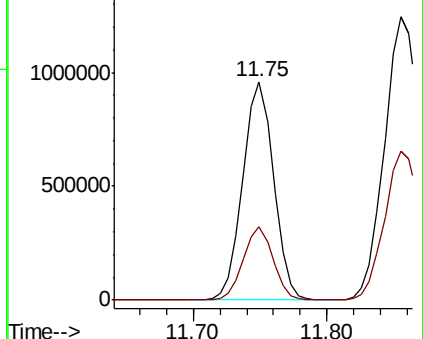
91 100

106 33.6 27.0 40.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 218.841 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064087.D

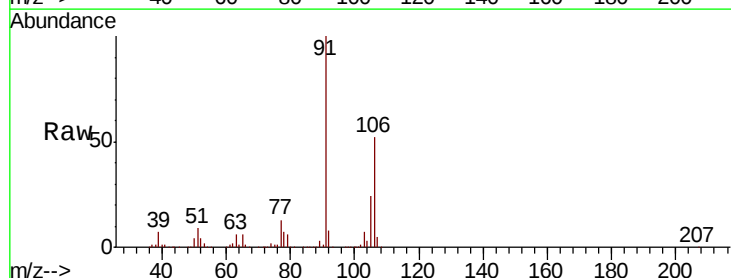
Acq: 29 Oct 2019 14:04

Tgt Ion: 106 Resp: 1236437

Ion Ratio Lower Upper

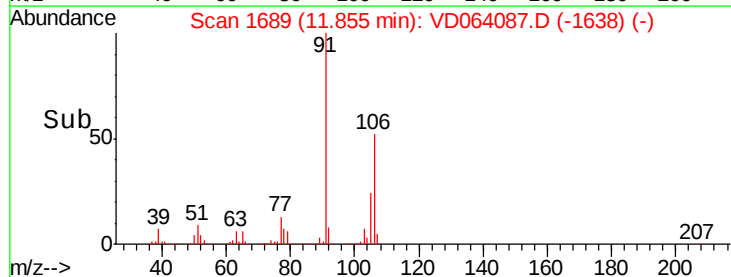
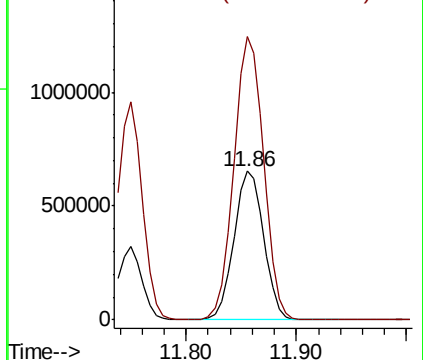
106 100

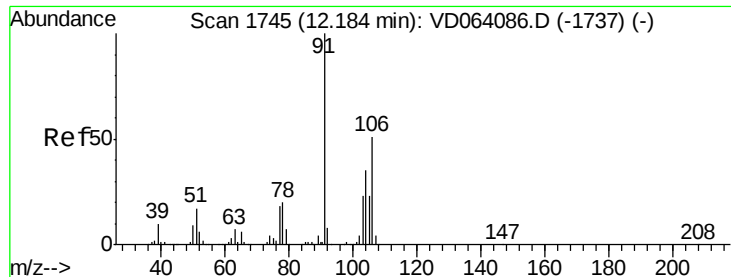
91 190.5 154.0 231.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

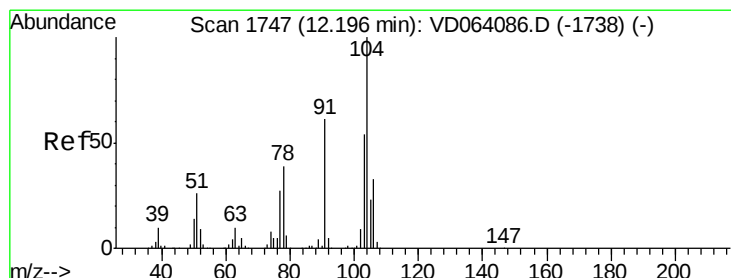
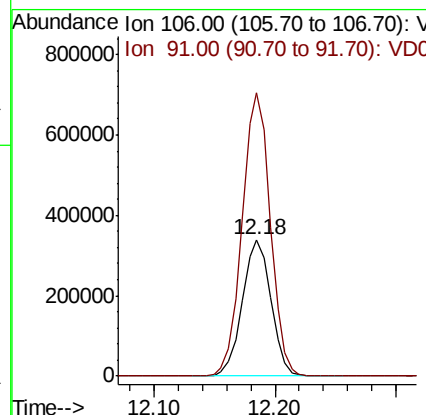
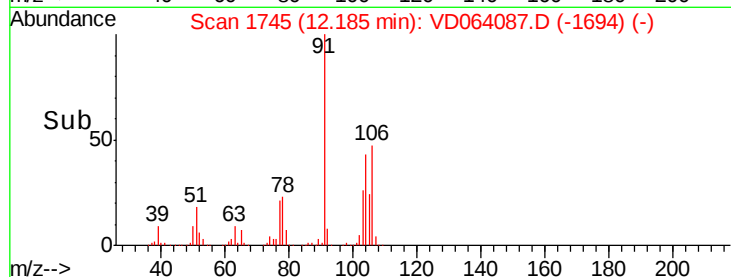
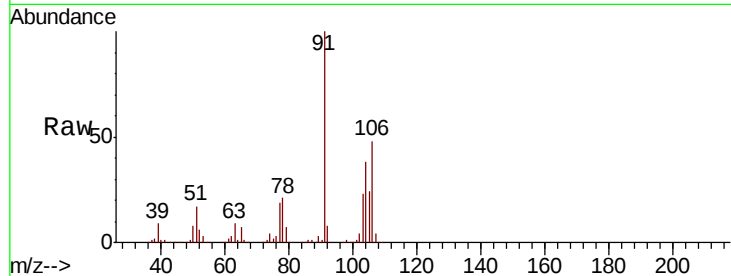




#69  
o-Xylene  
Concen: 108.910 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

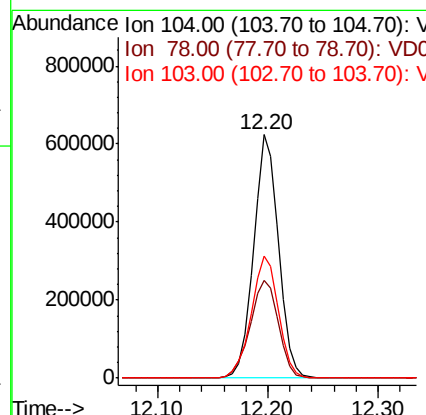
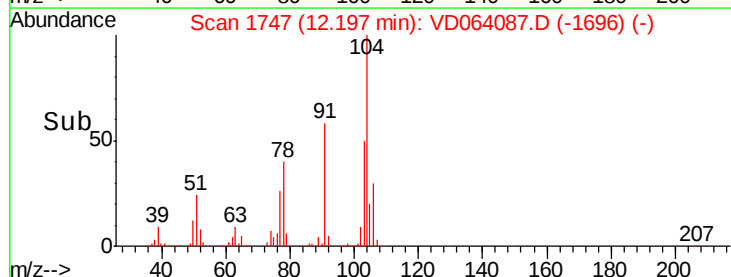
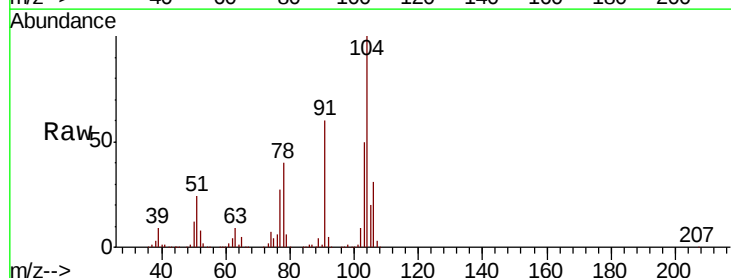
Instrument :  
MSVOA\_D  
ClientSampled :

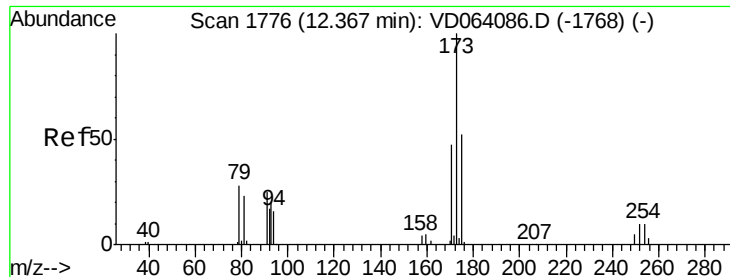
Tot Ion:106 Resp: 561570  
Ion Ratio Lower Upper  
106 100  
91 204.4 100.6 301.9



#70  
Styrene  
Concen: 111.082 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Tgt Ion:104 Resp: 987853  
Ion Ratio Lower Upper  
104 100  
78 45.7 34.6 51.8  
103 54.7 44.2 66.2





#71

Bromoform

Concen: 103.368 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

ClientSampleId :

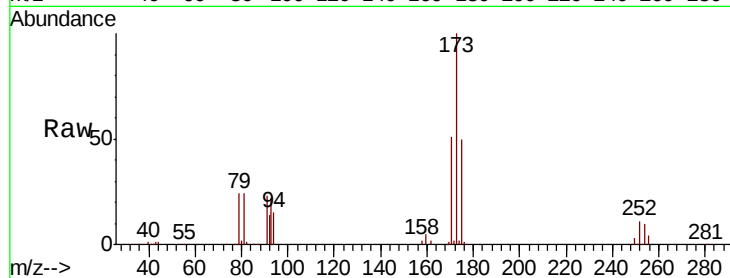
Tot Ion:173 Resp: 163134

Ion Ratio Lower Upper

173 100

175 49.3 24.3 72.9

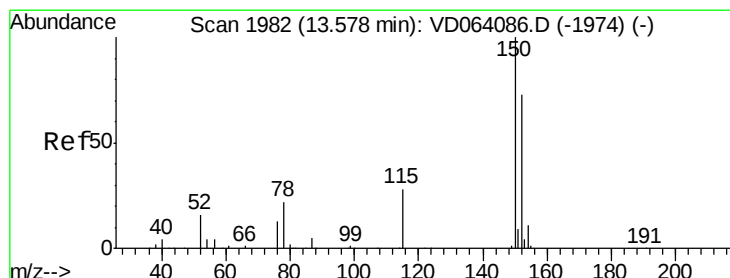
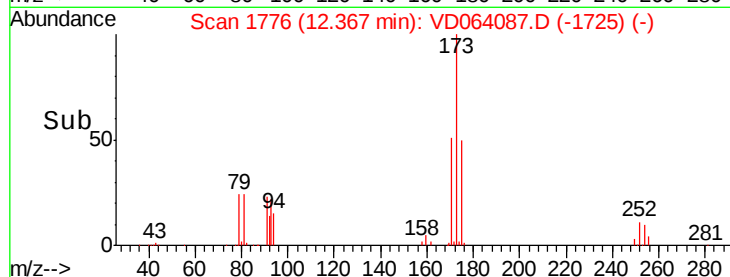
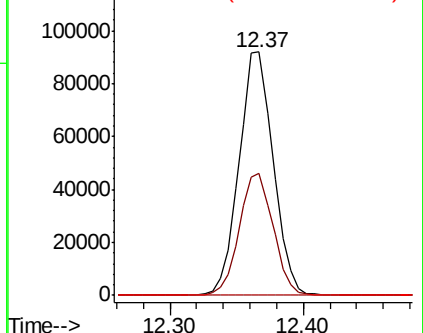
254 0.0 0.0 0.0



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# 1982

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

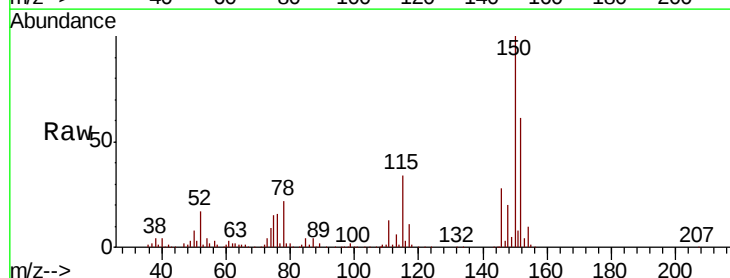
Tgt Ion:152 Resp: 211153

Ion Ratio Lower Upper

152 100

115 53.8 26.2 78.6

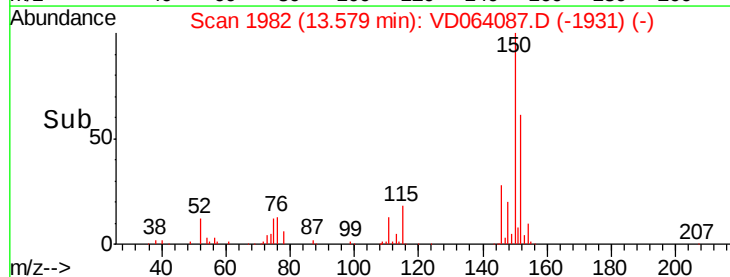
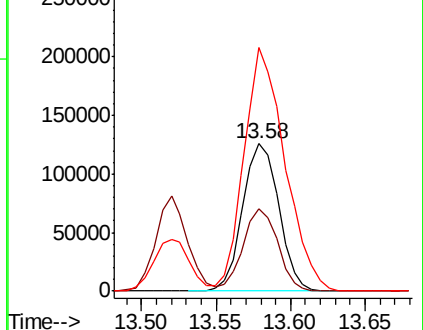
150 187.9 0.0 338.8

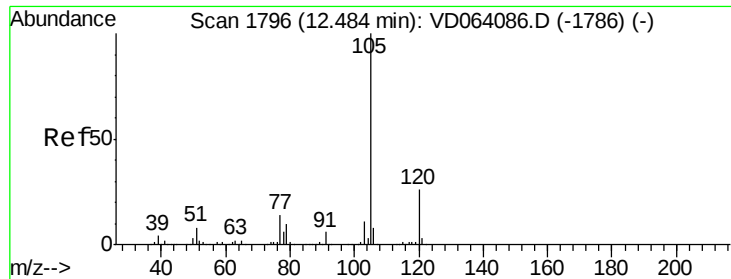


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 107.765 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

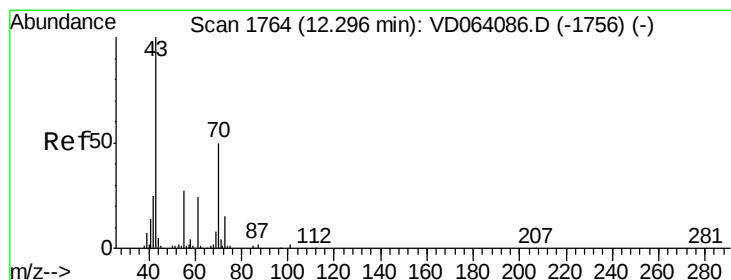
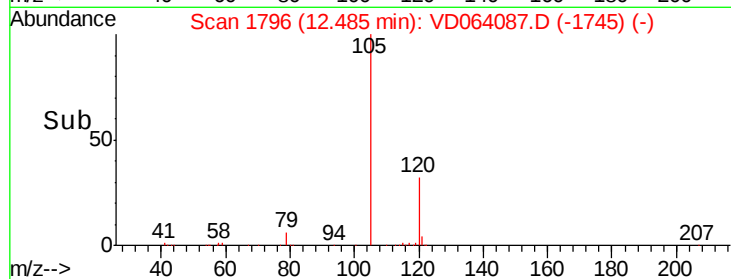
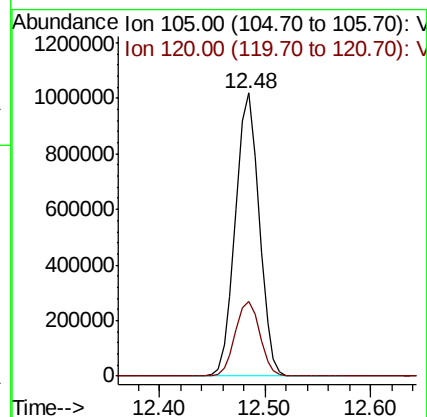
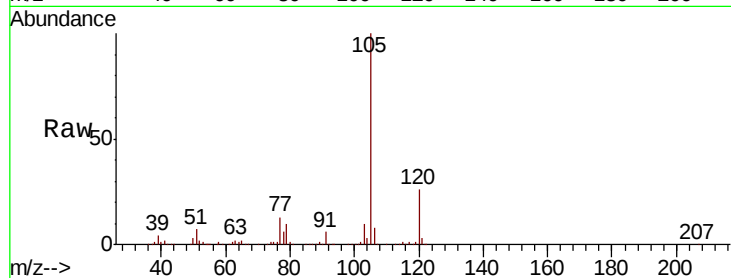
ClientSampleId :

Tot Ion:105 Resp: 1581232

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.9



#74

N-ethyl acetate

Concen: 111.869 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Tgt Ion: 43 Resp: 272696

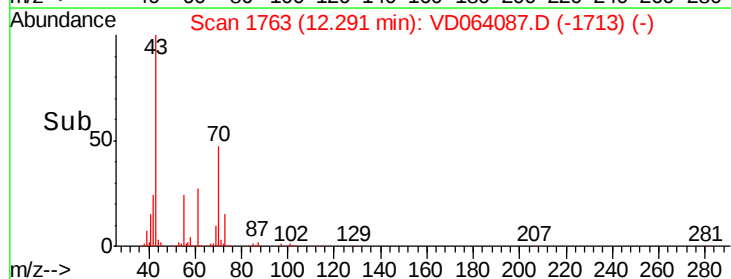
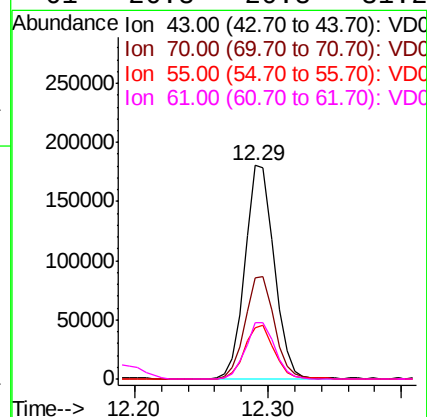
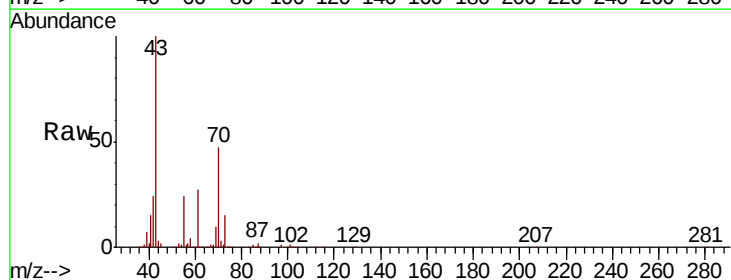
Ion Ratio Lower Upper

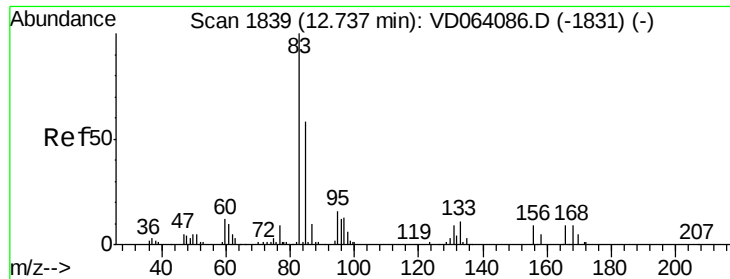
43 100

70 48.4 38.6 58.0

55 25.5 20.4 30.6

61 26.8 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 102.822 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

ClientSampleId :

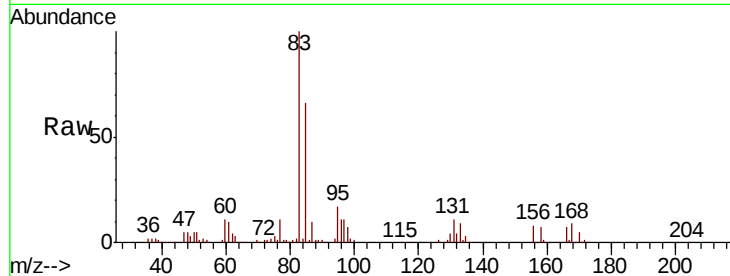
Tot Ion: 83 Resp: 237805

Ion Ratio Lower Upper

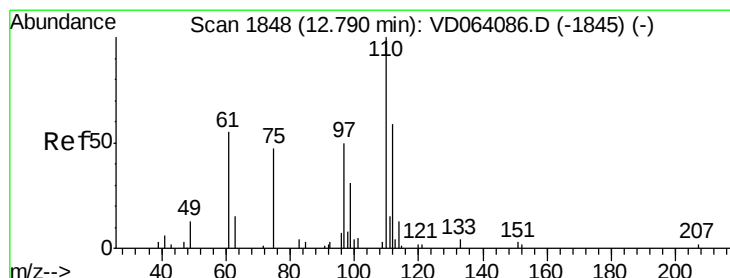
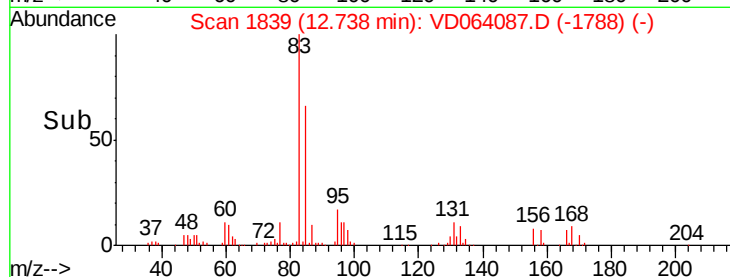
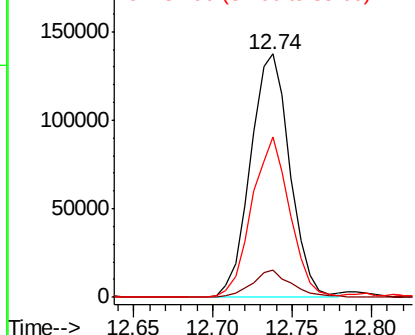
83 100

131 11.4 5.7 17.0

85 63.4 32.1 96.5



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: 114.586 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD064087.D

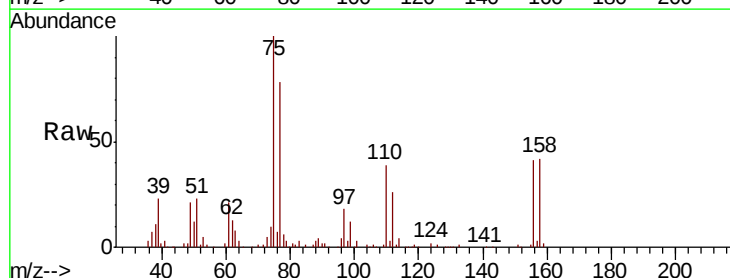
Acq: 29 Oct 2019 14:04

Tgt Ion: 75 Resp: 300197

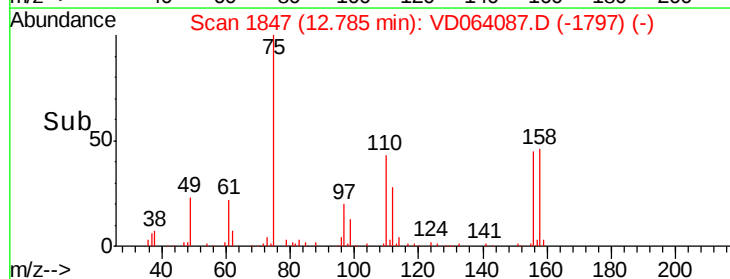
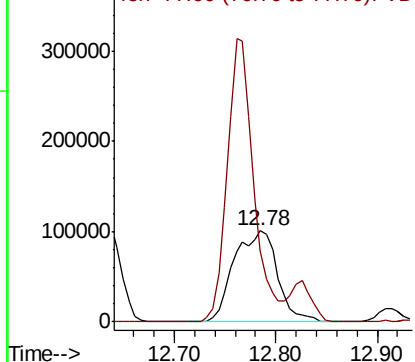
Ion Ratio Lower Upper

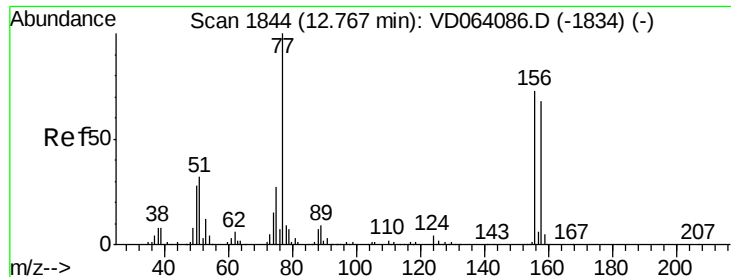
75 100

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: 102.922 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

ClientSampleId :

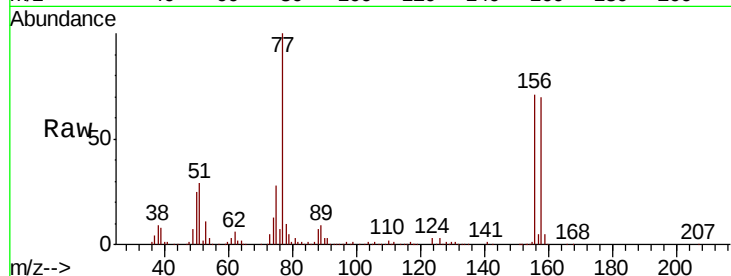
Tot Ion:156 Resp: 364624

Ion Ratio Lower Upper

156 100

77 154.4 76.0 228.0

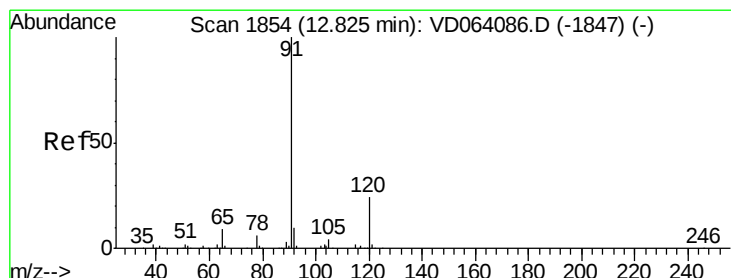
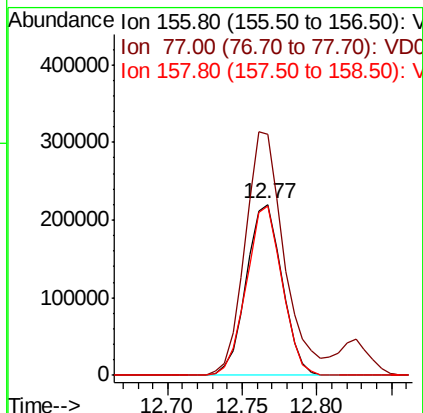
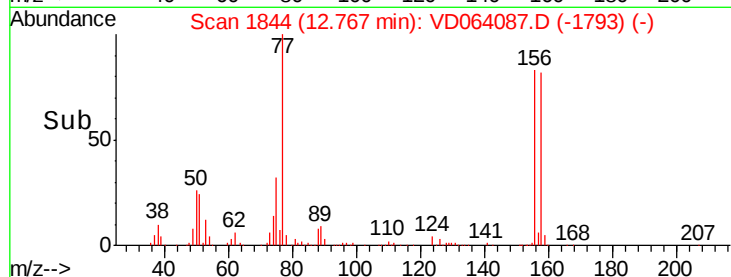
158 98.2 47.6 142.8



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: 108.521 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064087.D

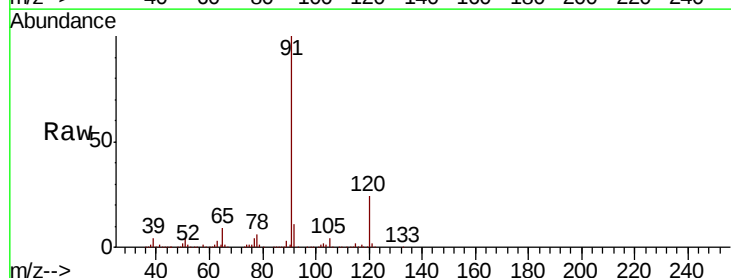
Acq: 29 Oct 2019 14:04

Tgt Ion: 91 Resp: 1866043

Ion Ratio Lower Upper

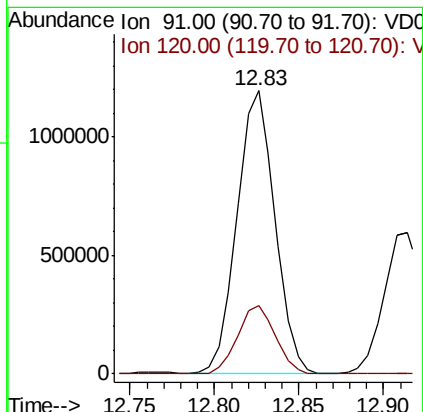
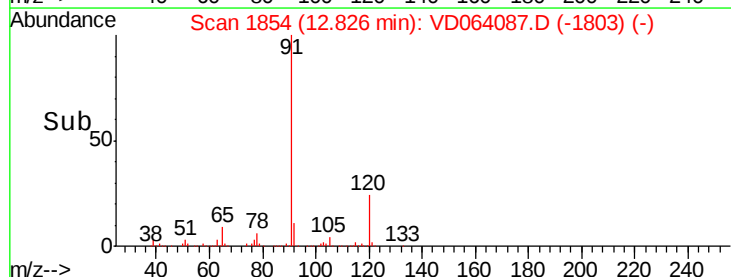
91 100

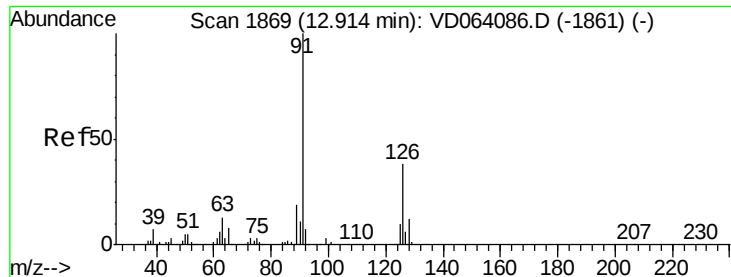
120 24.1 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

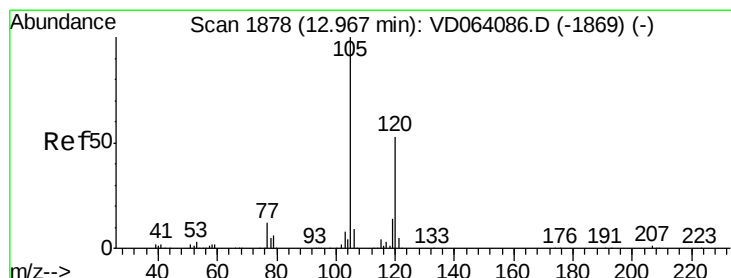
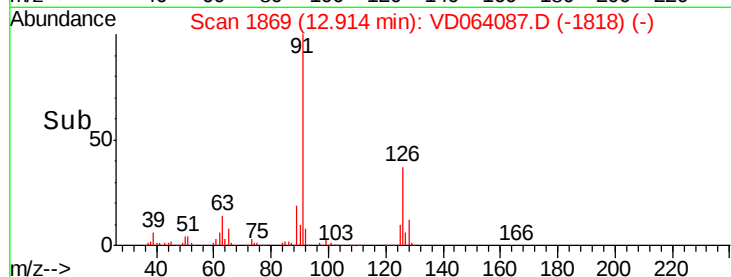
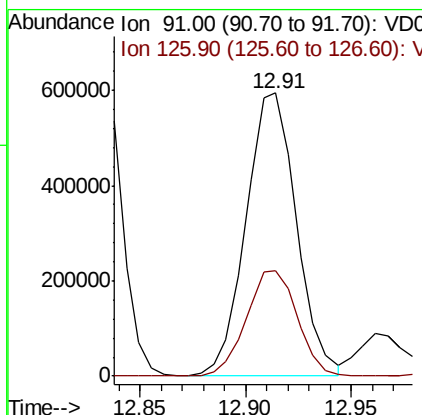
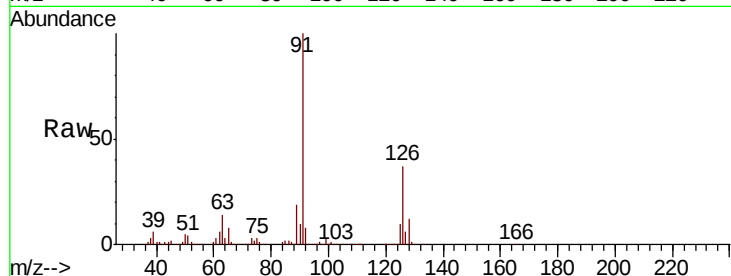




#79  
2-Chlorotoluene  
Concen: 106.983 ug/l  
RT: 12.91 min Scan# 1869  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

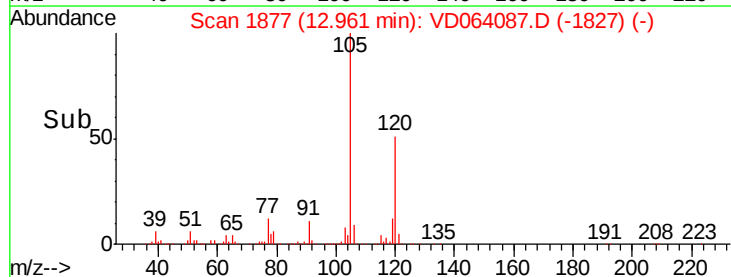
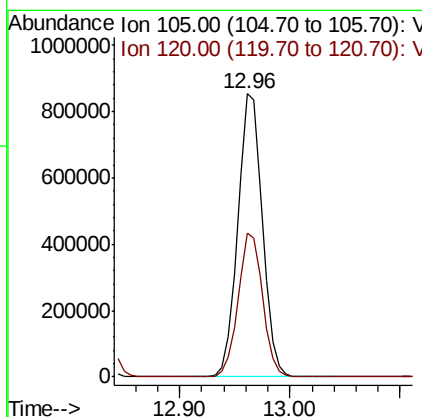
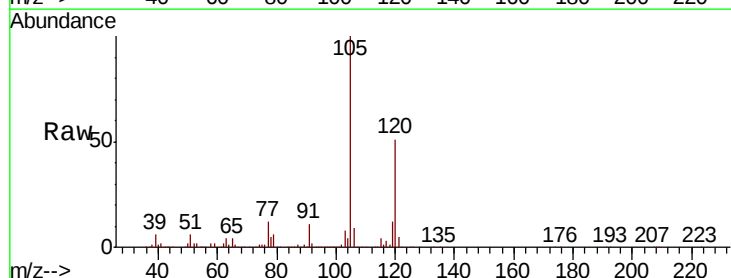
Instrument :  
MSVOA\_D  
ClientSampleId :

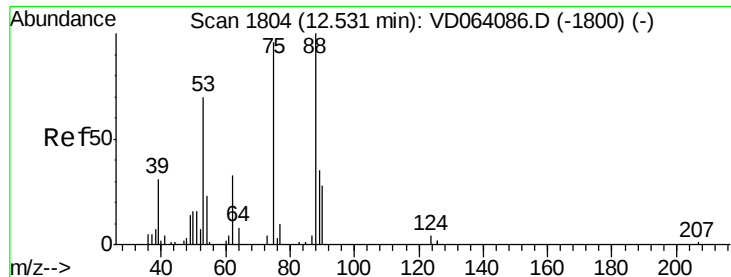
Tot Ion: 91 Resp: 986108  
Ion Ratio Lower Upper  
91 100  
126 37.7 19.1 57.1



#80  
1,3,5-Trimethylbenzene  
Concen: 108.727 ug/l  
RT: 12.96 min Scan# 1877  
Delta R.T. -0.01 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Tgt Ion:105 Resp: 1335184  
Ion Ratio Lower Upper  
105 100  
120 50.6 25.8 77.4





#81

trans-1,4-Dichloro-2-butene

Concen: 114.147 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

ClientSampleId :

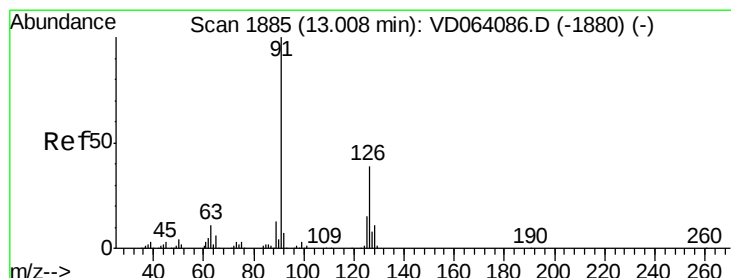
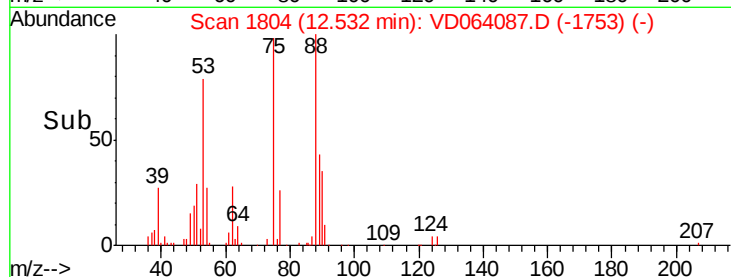
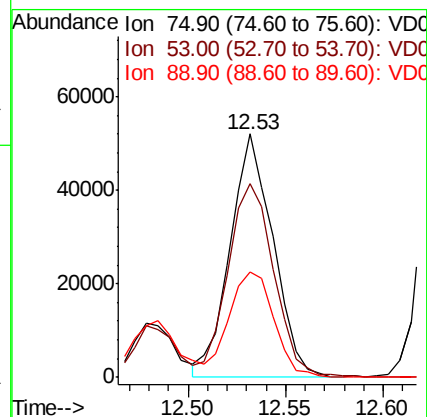
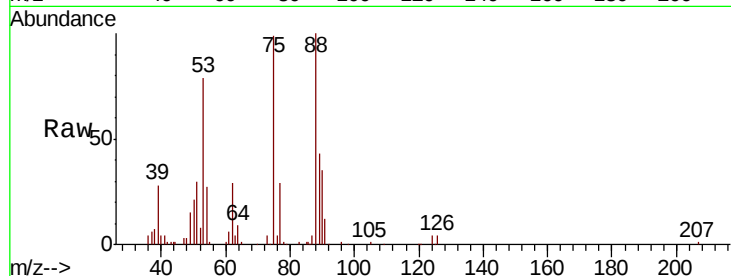
Tot Ion: 75 Resp: 79302

Ion Ratio Lower Upper

75 100

53 85.7 68.6 103.0

89 45.3 36.9 55.3



#82

4-Chlorotoluene

Concen: 105.576 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD064087.D

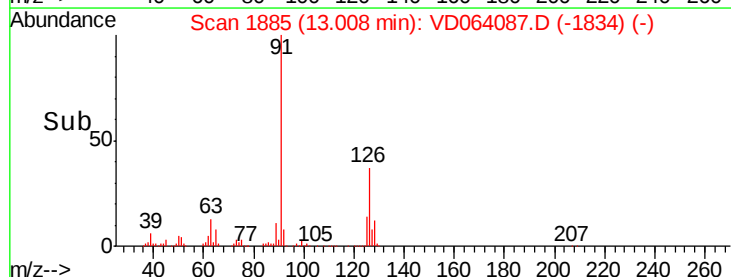
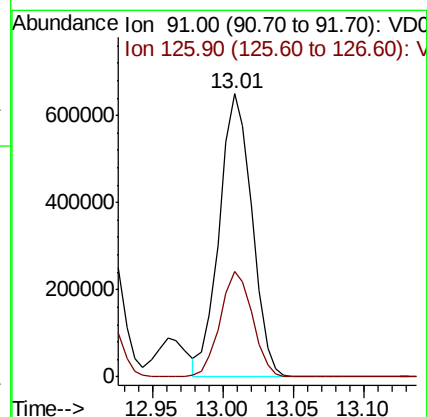
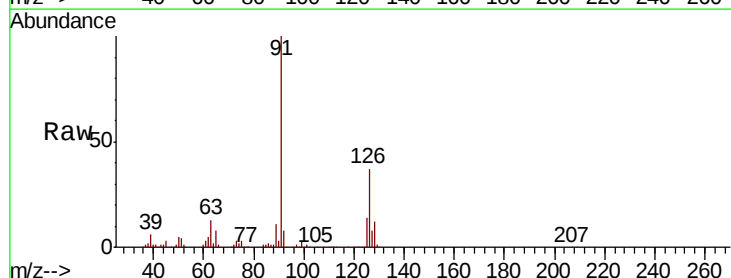
Acq: 29 Oct 2019 14:04

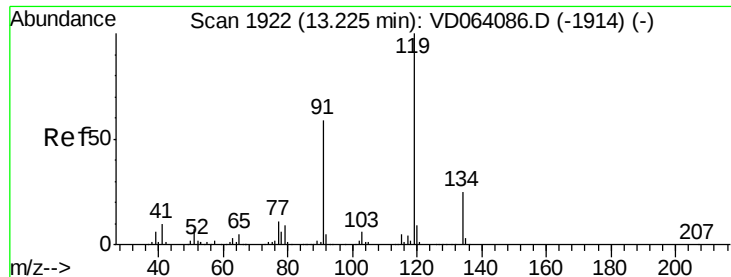
Tgt Ion: 91 Resp: 1039823

Ion Ratio Lower Upper

91 100

126 37.1 18.9 56.5

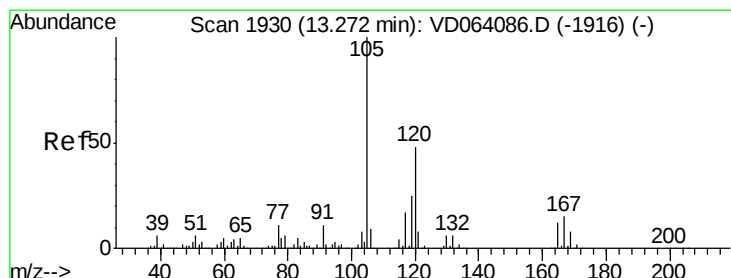
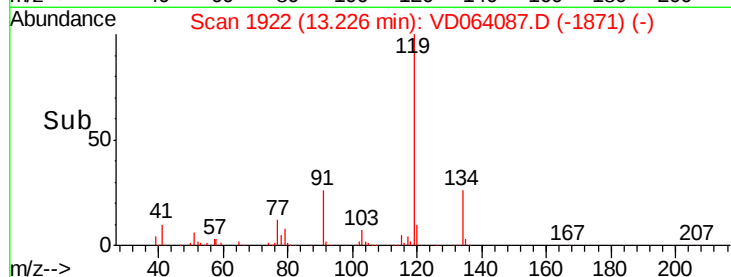
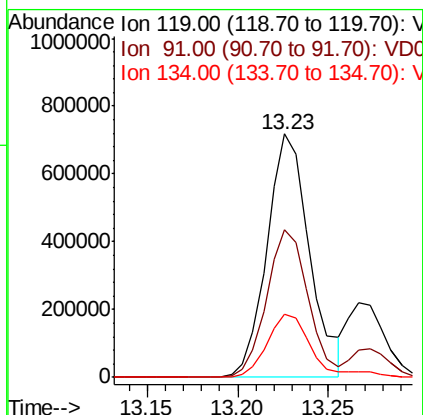
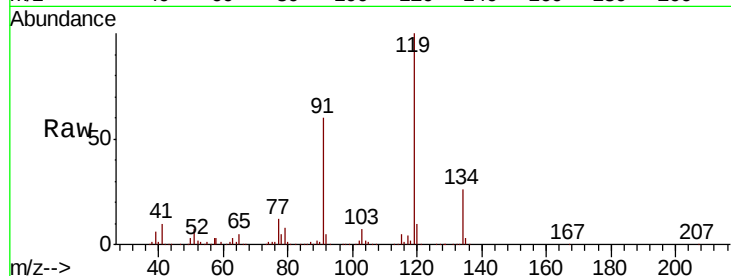




#83  
tert-Butylbenzene  
Concen: 106.792 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

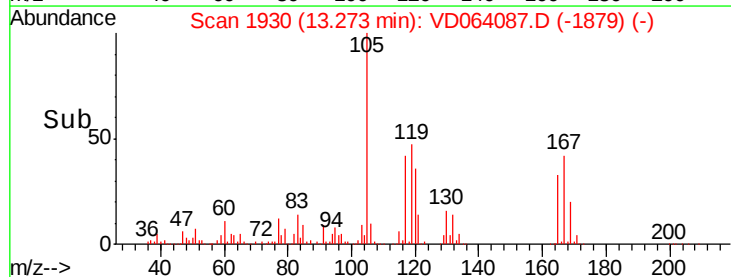
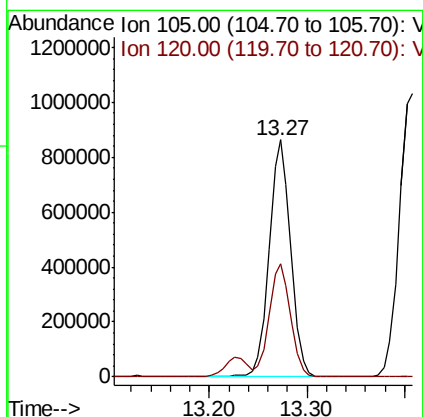
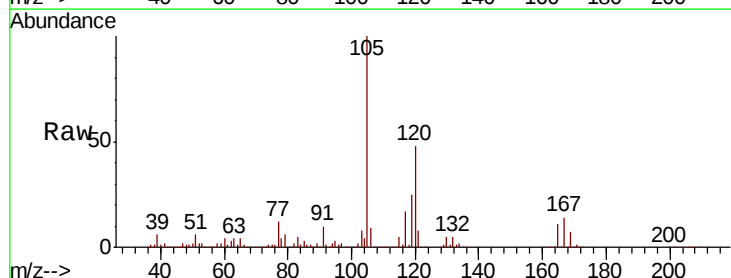
Instrument :  
MSVOA\_D  
ClientSampled :

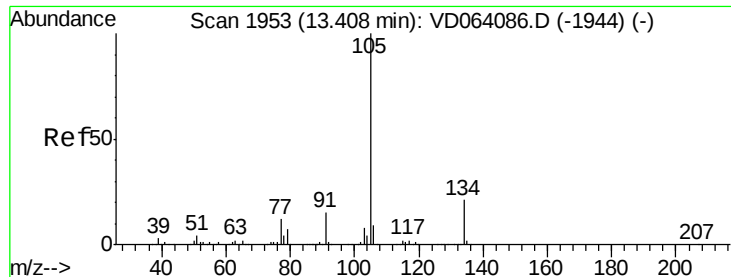
Tot Ion:119 Resp: 1177891  
Ion Ratio Lower Upper  
119 100  
91 58.9 28.3 85.0  
134 27.3 12.9 38.6



#84  
1,2,4-Trimethylbenzene  
Concen: 108.297 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Tgt Ion:105 Resp: 1335982  
Ion Ratio Lower Upper  
105 100  
120 47.4 24.1 72.4





#85

sec-Butylbenzene

Concen: 108.170 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

Instrument :

MSVOA\_D

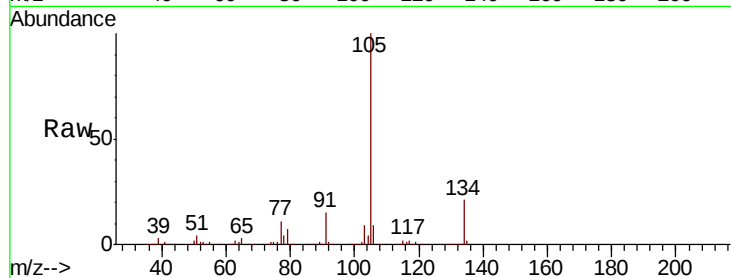
ClientSampled :

Tot Ion:105 Resp: 1638434

Ion Ratio Lower Upper

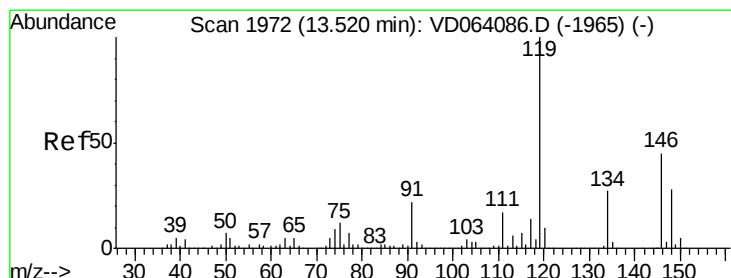
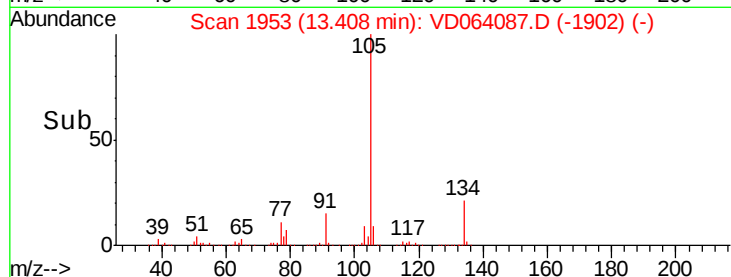
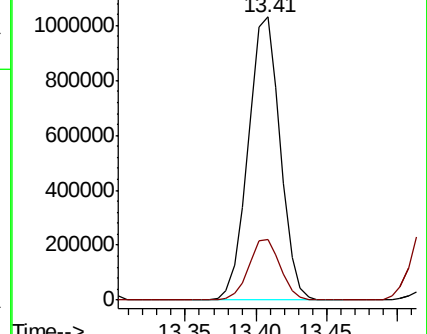
105 100

134 21.1 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 110.723 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD064087.D

Acq: 29 Oct 2019 14:04

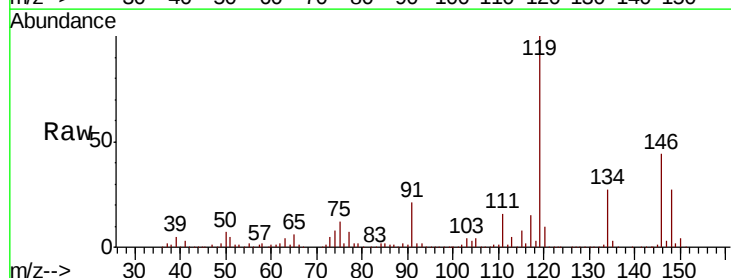
Tgt Ion:119 Resp: 1575775

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

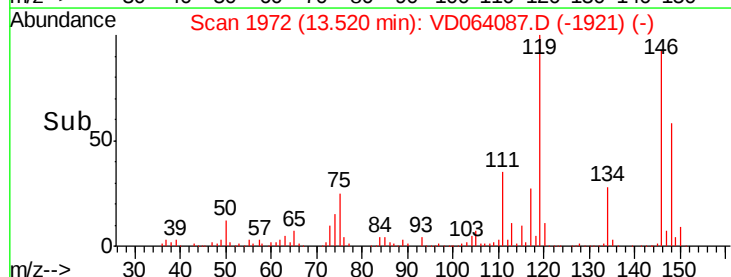
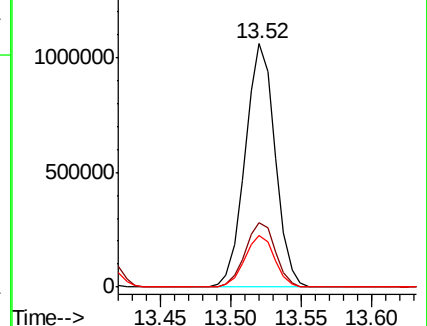
91 21.1 10.9 32.6

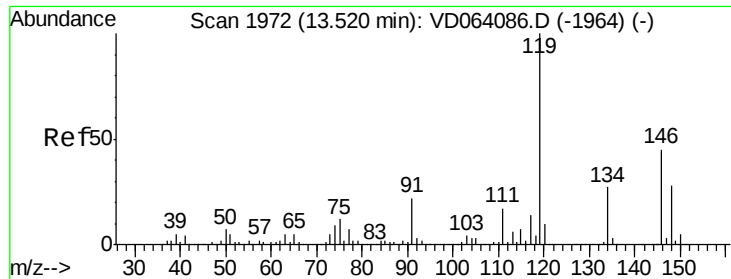


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

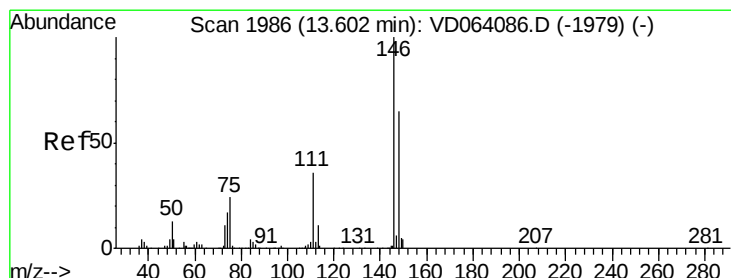
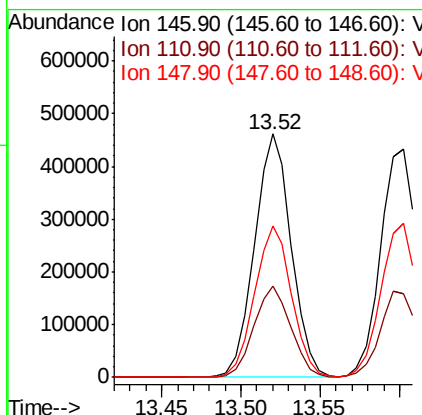
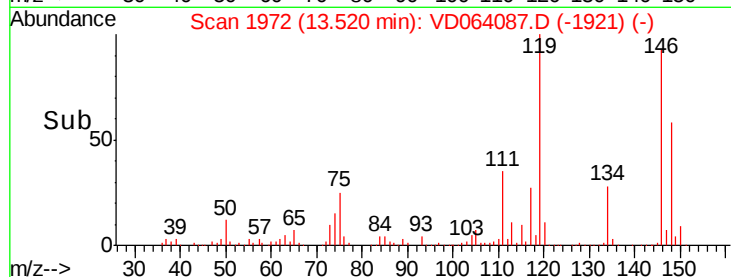
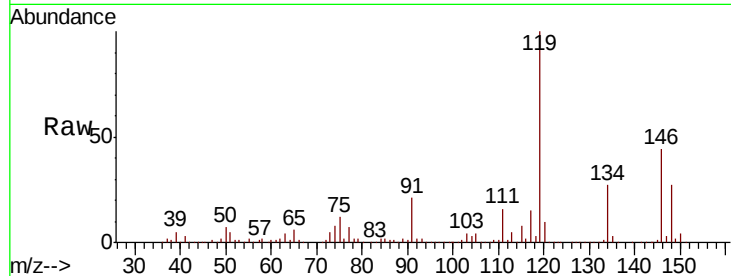




#87  
 1,3-Dichlorobenzene  
 Concen: 104.743 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

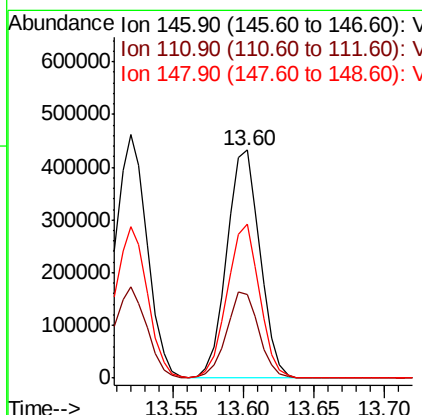
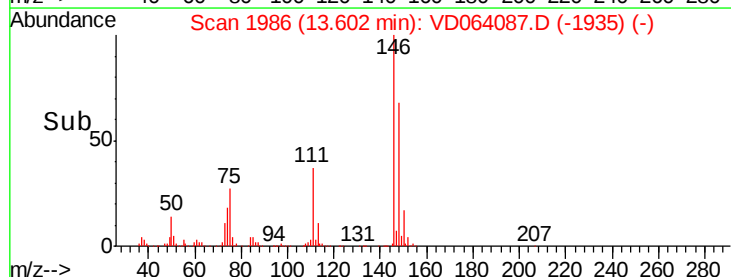
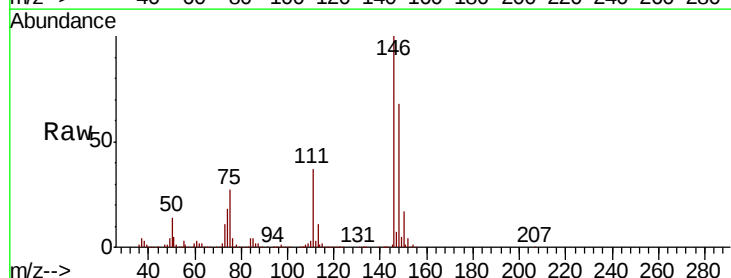
Instrument :  
 MSVOA\_D  
 ClientSampleId :

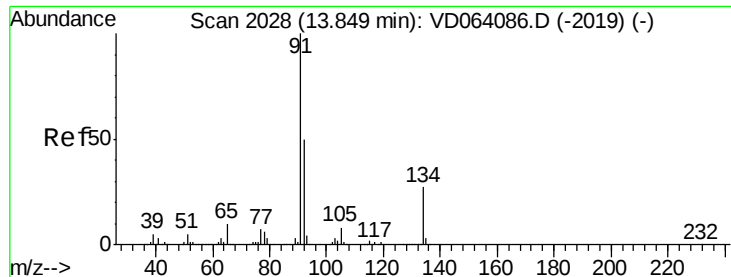
Tot Ion:146 Resp: 743622  
 Ion Ratio Lower Upper  
 146 100  
 111 37.6 18.9 56.9  
 148 62.8 32.1 96.3



#88  
 1,4-Dichlorobenzene  
 Concen: 100.803 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

Tgt Ion:146 Resp: 705481  
 Ion Ratio Lower Upper  
 146 100  
 111 36.9 18.4 55.4  
 148 66.0 32.4 97.0

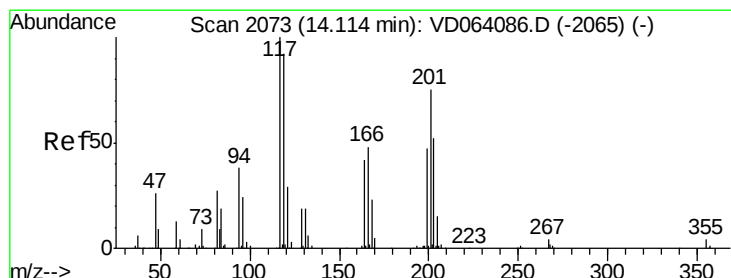
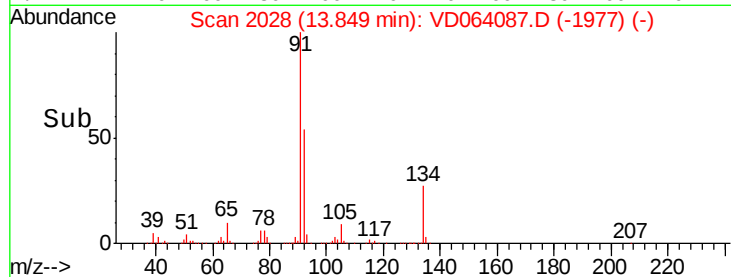
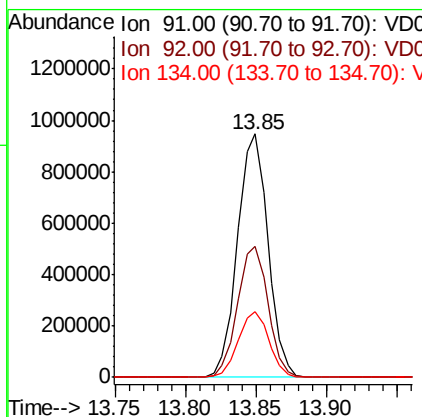
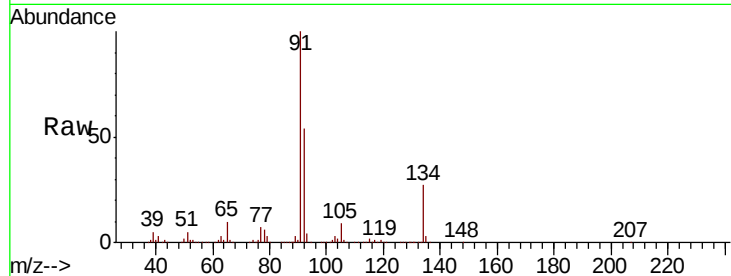




#89  
n-Butylbenzene  
Concen: 108.886 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

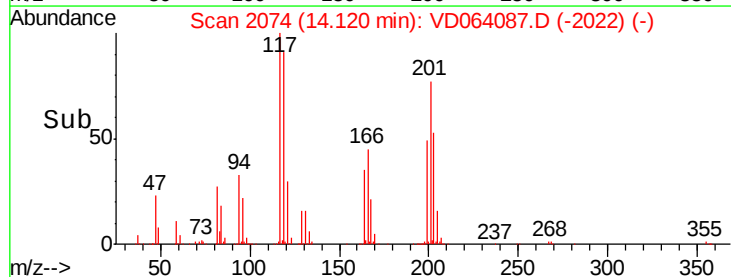
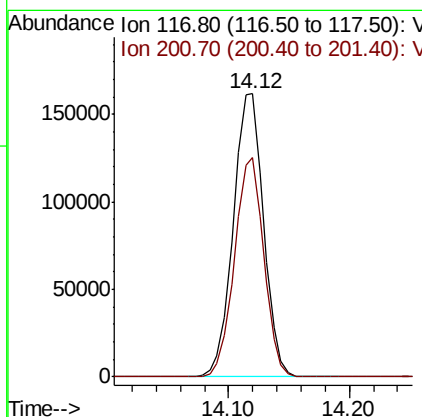
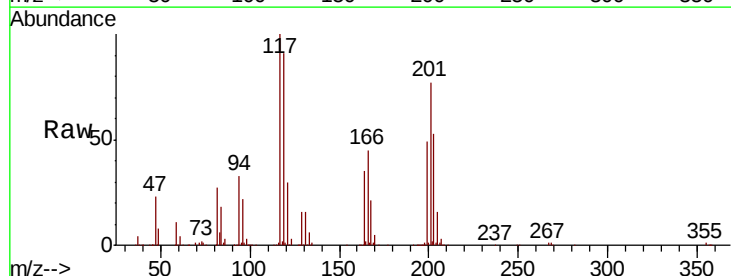
Instrument :  
MSVOA\_D  
ClientSampleId :

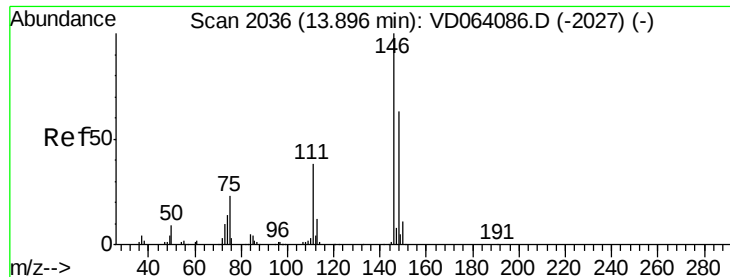
Tot Ion: 91 Resp: 1429317  
Ion Ratio Lower Upper  
91 100  
92 53.8 25.6 76.6  
134 27.3 14.0 42.0



#90  
Hexachloroethane  
Concen: 106.447 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. 0.01 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Tgt Ion: 117 Resp: 283628  
Ion Ratio Lower Upper  
117 100  
201 74.9 38.4 115.2

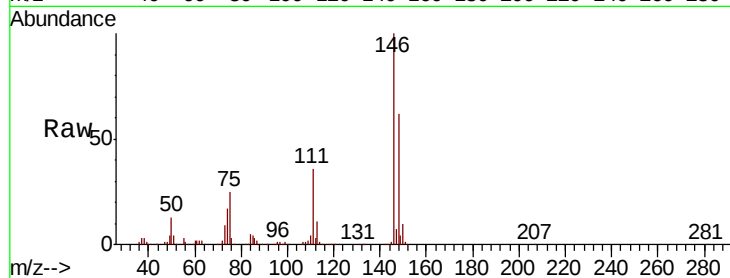




#91  
 1,2-Dichlorobenzene  
 Concen: 101.944 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. 0.00 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

Instrument :  
 MSVOA\_D  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.5  | 19.1  | 57.1  |
| 148     | 62.8  | 32.1  | 96.5  |

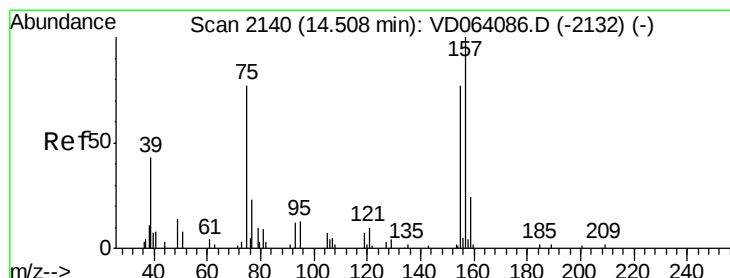
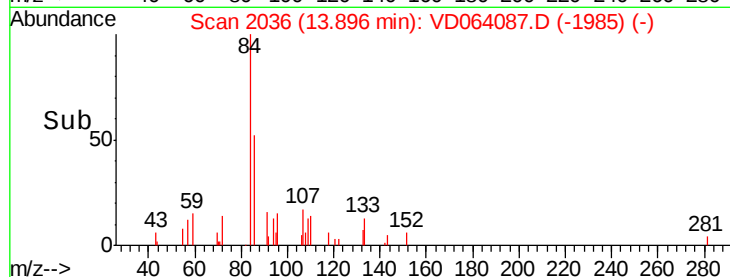
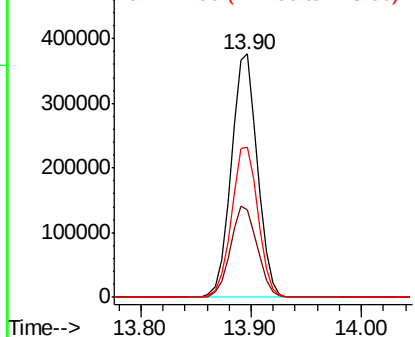


Abundance

Ion 145.90 (145.60 to 146.60): V

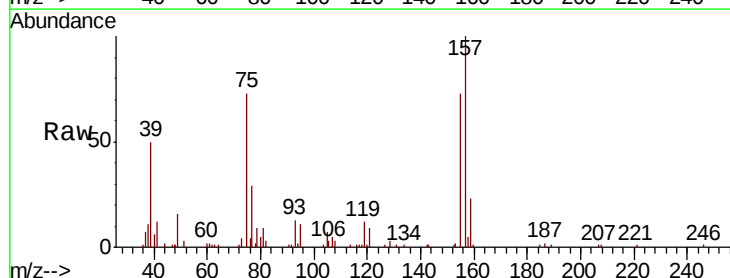
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 101.542 ug/l  
 RT: 14.51 min Scan# 2141  
 Delta R.T. 0.01 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 103.7 | 56.3  | 168.9 |
| 157     | 130.8 | 72.2  | 216.6 |

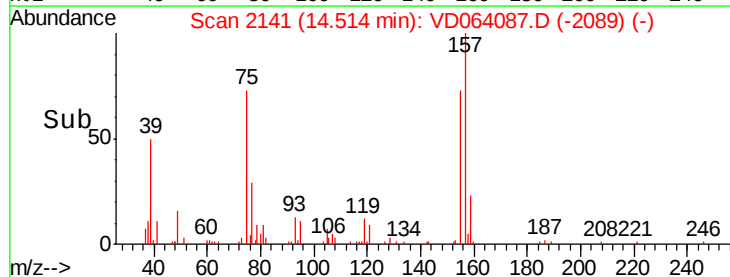
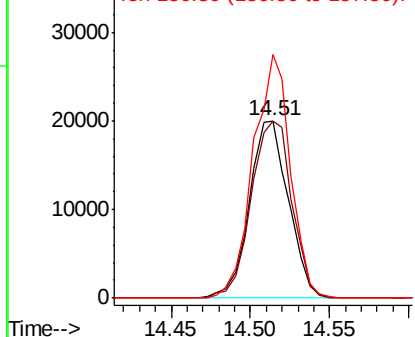


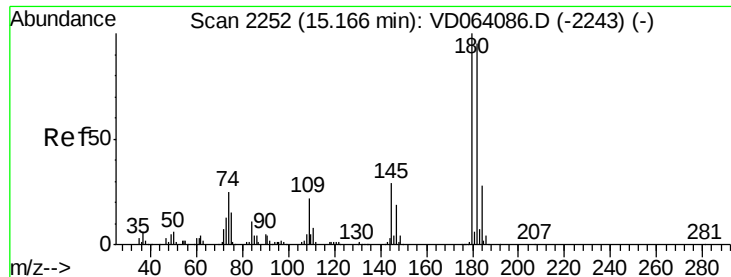
Abundance

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

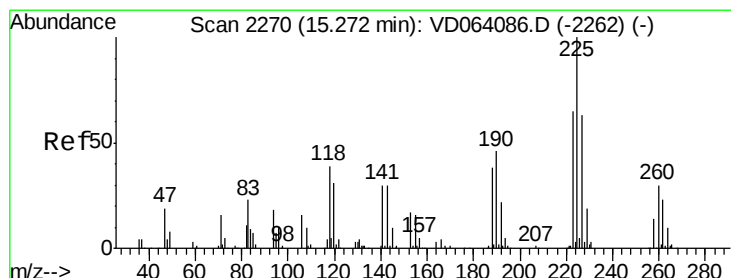
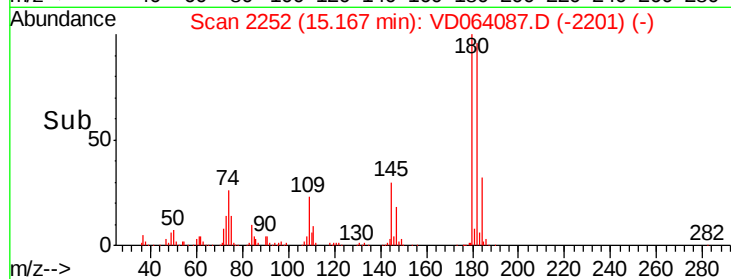
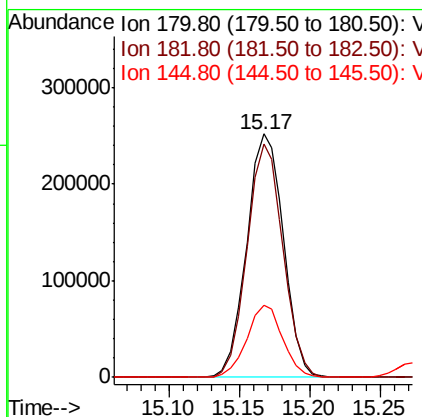
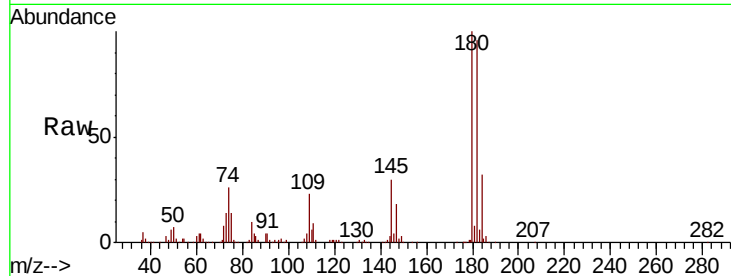




#93  
 1,2,4-Trichlorobenzene  
 Concen: 104.597 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. 0.00 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

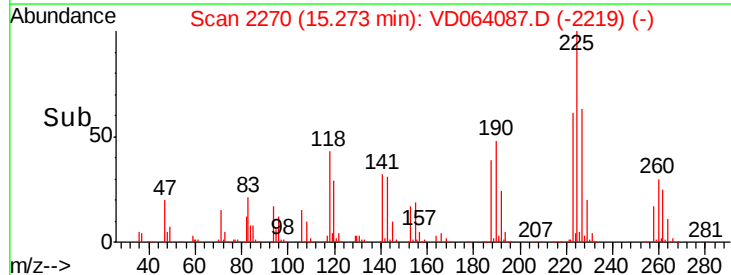
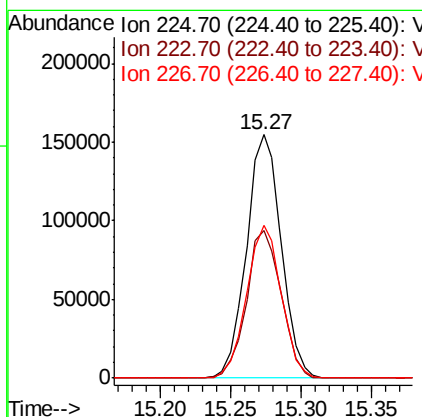
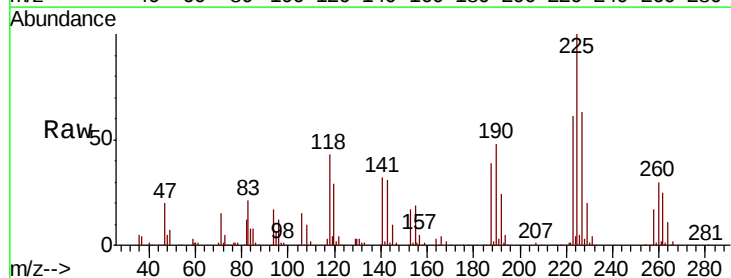
Instrument :  
 MSVOA\_D  
 ClientSampleId :

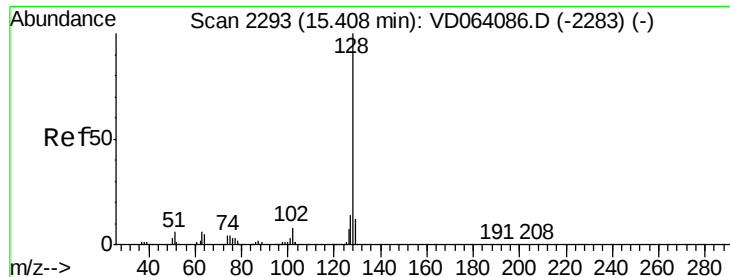
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 46.9  | 140.7 |
| 145     | 29.0  | 14.2  | 42.6  |



#94  
 Hexachlorobutadiene  
 Concen: 103.912 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: VD064087.D  
 Acq: 29 Oct 2019 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.9  | 30.8  | 92.3  |
| 227     | 62.9  | 31.7  | 95.1  |

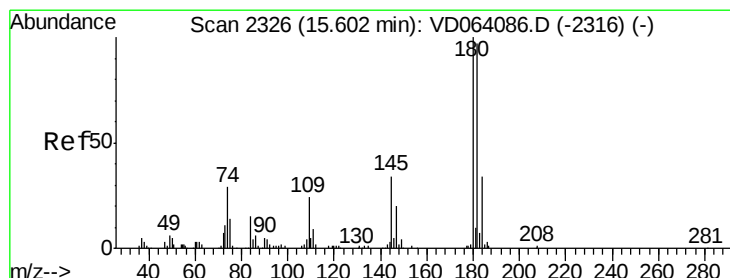
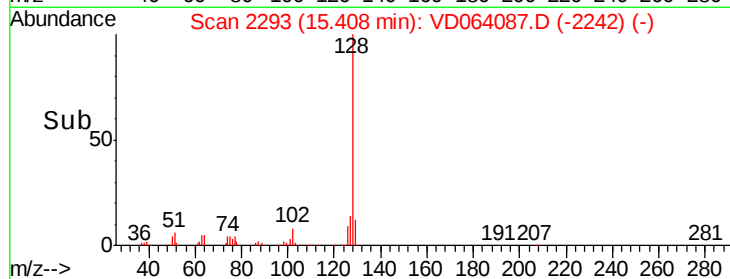
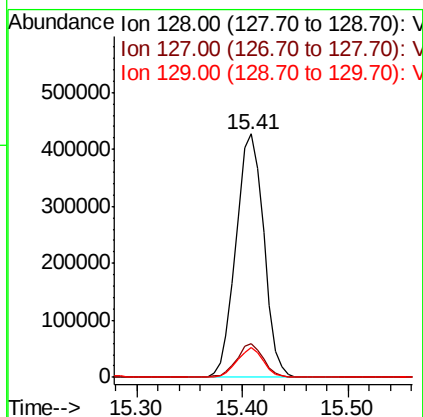
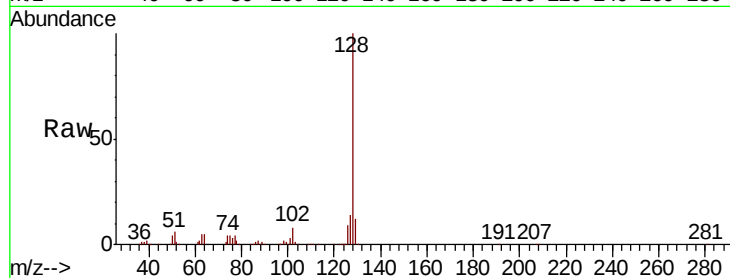




#95  
Naphthalene  
Concen: 108.424 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

Instrument :  
MSVOA\_D  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.3  | 10.9  | 16.3  |
| 129     | 11.5  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 104.334 ug/l  
RT: 15.60 min Scan# 2326  
Delta R.T. 0.00 min  
Lab File: VD064087.D  
Acq: 29 Oct 2019 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.1  | 48.4  | 145.0 |
| 145     | 29.7  | 16.4  | 49.4  |

