

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\  
 Data File : VD067094.D  
 Acq On : 05 Oct 2020 20:04  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 06 07:20:35 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D100120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 01 15:19:17 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 379119   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 603016   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 560480   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 277070   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 194338   | 53.22 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.44% |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 217330   | 55.05 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.10% |      |
| 50) Toluene-d8            | 10.34  | 98  | 776961   | 54.01 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.02% |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 272385   | 55.78 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 111.56% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 175318  | 58.262  | ug/l | 96     |
| 3) Chloromethane              | 2.21 | 50  | 146400  | 48.489  | ug/l | 96     |
| 4) Vinyl Chloride             | 2.35 | 62  | 149312  | 49.321  | ug/l | 99     |
| 5) Bromomethane               | 2.77 | 94  | 115391  | 59.999  | ug/l | 98     |
| 6) Chloroethane               | 2.93 | 64  | 96758   | 52.482  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 331126  | 49.230  | ug/l | 95     |
| 8) Diethyl Ether              | 3.71 | 74  | 90230   | 54.097  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 192345  | 50.595  | ug/l | 98     |
| 10) Methyl Iodide             | 4.30 | 142 | 193786  | 52.461  | ug/l | 99     |
| 11) Tert butyl alcohol        | 5.21 | 59  | 47539   | 215.412 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 181931  | 50.906  | ug/l | 91     |
| 13) Acrolein                  | 3.93 | 56  | 59011   | 241.340 | ug/l | 98     |
| 14) Allyl chloride            | 4.71 | 41  | 243547  | 52.457  | ug/l | 99     |
| 15) Acrylonitrile             | 5.43 | 53  | 169124  | 275.504 | ug/l | 97     |
| 16) Acetone                   | 4.16 | 43  | 141044  | 253.026 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.41 | 76  | 560763  | 51.128  | ug/l | 99     |
| 18) Methyl Acetate            | 4.72 | 43  | 77692   | 55.454  | ug/l | 95     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 376079  | 57.644  | ug/l | 97     |
| 20) Methylene Chloride        | 4.97 | 84  | 225220  | 58.117  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 220031  | 54.099  | ug/l | 94     |
| 22) Diisopropyl ether         | 6.37 | 45  | 461263  | 54.420  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.30 | 43  | 1356339 | 282.392 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 351083  | 53.671  | ug/l | 98     |
| 25) 2-Butanone                | 7.21 | 43  | 200385  | 253.554 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 294965  | 52.979  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 246057  | 56.646  | ug/l | 97     |
| 28) Bromochloromethane        | 7.55 | 49  | 139923  | 55.389  | ug/l | 94     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 122041  | 268.566 | ug/l | 95     |
| 30) Chloroform                | 7.71 | 83  | 388789  | 54.790  | ug/l | 93     |
| 31) Cyclohexane               | 7.98 | 56  | 257894  | 47.026  | ug/l | 93     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 349943  | 53.213  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 282936  | 50.338  | ug/l | 98     |
| 37) Ethyl Acetate             | 7.29 | 43  | 101612  | 52.184  | ug/l | 95     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 324749  | 53.399  | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\  
 Data File : VD067094.D  
 Acq On : 05 Oct 2020 20:04  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Oct 06 07:20:35 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D100120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 01 15:19:17 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 313225   | 52.709  | ug/l   | 96       |
| 40) Benzene                    | 8.35  | 78   | 838956   | 53.738  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.53  | 41   | 47617    | 45.265  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 231429   | 53.050  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.45  | 43   | 189670   | 52.875  | ug/l   | 98       |
| 44) Trichloroethene            | 9.11  | 130  | 251619   | 53.974  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 201297   | 54.876  | ug/l   | 100      |
| 46) Dibromomethane             | 9.47  | 93   | 117347   | 55.659  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.66  | 83   | 305288   | 55.705  | ug/l   | 95       |
| 48) Methyl methacrylate        | 9.46  | 41   | 90327    | 49.151  | ug/l # | 81       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 21671    | 984.861 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 479732   | 268.494 | ug/l   | 98       |
| 52) Toluene                    | 10.40 | 92   | 550317   | 54.721  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 274605   | 56.064  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 325498   | 54.421  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 160937   | 54.905  | ug/l   | 93       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 178328   | 58.926  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 265275   | 55.809  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 480951   | 285.536 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 322696   | 270.593 | ug/l   | 96       |
| 60) Dibromochloromethane       | 11.14 | 129  | 218709   | 55.982  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 157718   | 56.006  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.87 | 164  | 214295   | 52.592  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.67 | 112  | 606887   | 54.443  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 237455   | 56.000  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.74 | 91   | 1051979  | 55.078  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 815165   | 109.515 | ug/l   | 100      |
| 69) o-Xylene                   | 12.18 | 106  | 375849   | 56.465  | ug/l   | 97       |
| 70) Styrene                    | 12.20 | 104  | 651853   | 57.031  | ug/l   | 100      |
| 71) Bromoform                  | 12.36 | 173  | 122061   | 55.456  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 1034664  | 54.996  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 176700   | 52.247  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 161998   | 51.107  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 208645   | 86.454  | ug/l # | 100      |
| 77) Bromobenzene               | 12.76 | 156  | 247143   | 54.404  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.82 | 91   | 1183758  | 53.240  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 682158   | 53.624  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 885706   | 55.722  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 49669    | 51.310  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 722970   | 53.416  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 734033   | 54.839  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 883186   | 55.677  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 1025501  | 54.404  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 951446   | 54.443  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 471523   | 53.289  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 464925   | 52.549  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.85 | 91   | 843702   | 52.826  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 159057   | 51.959  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 410654   | 53.140  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 24679    | 48.299  | ug/l   | 85       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\  
Data File : VD067094.D  
Acq On : 05 Oct 2020 20:04  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Oct 06 07:20:35 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D100120S.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 01 15:19:17 2020  
Response via : Initial Calibration

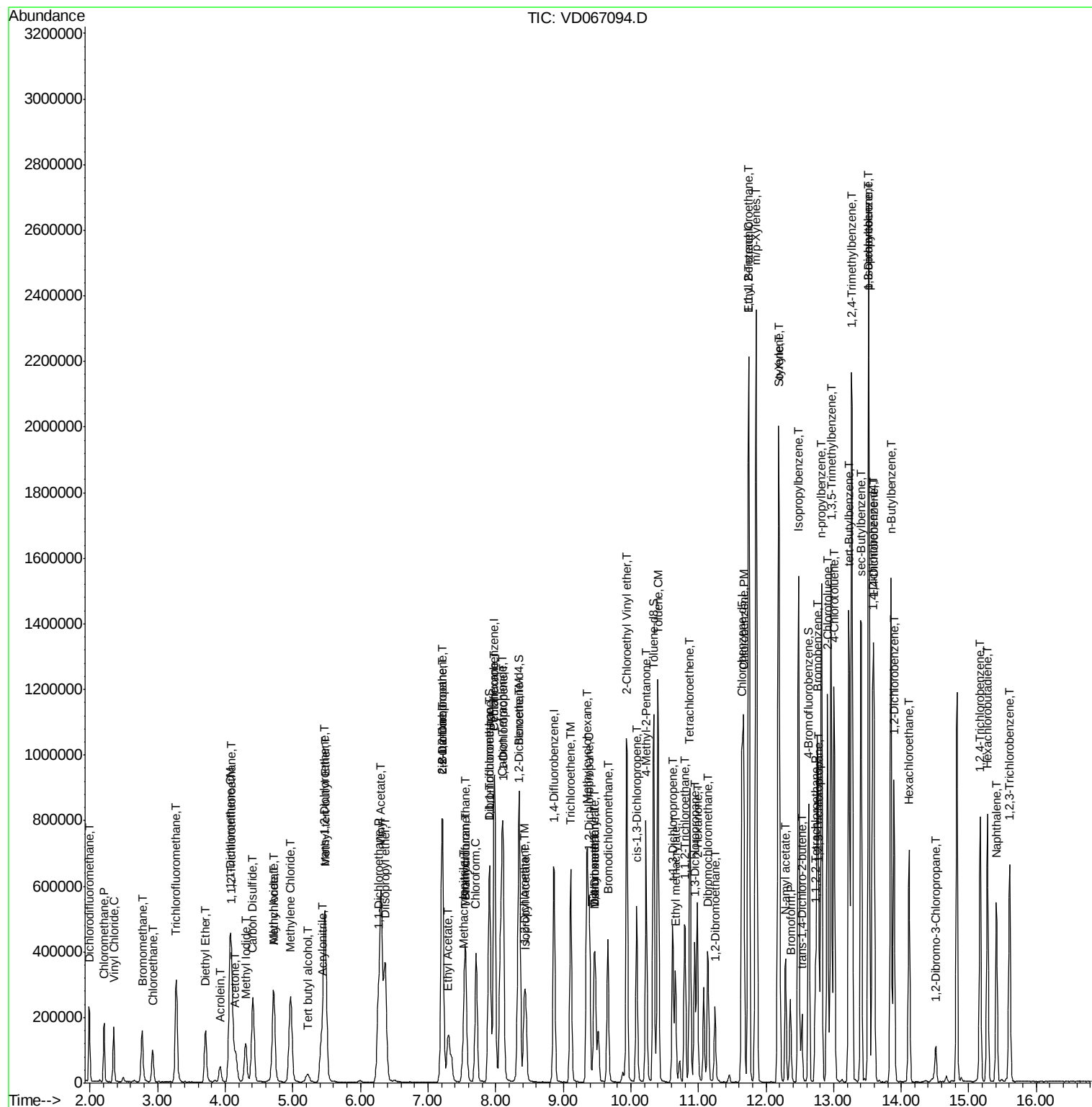
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 277977   | 55.612 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 163649   | 53.310 | ug/l  | 98       |
| 95) Naphthalene            | 15.41 | 128  | 483457   | 57.987 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 243172   | 56.041 | ug/l  | 98       |

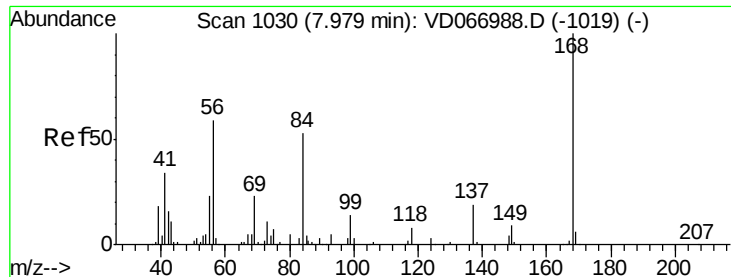
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100520\  
Data File : VD067094.D  
Acq On : 05 Oct 2020 20:04  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Oct 06 07:20:35 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D100120S.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 01 15:19:17 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

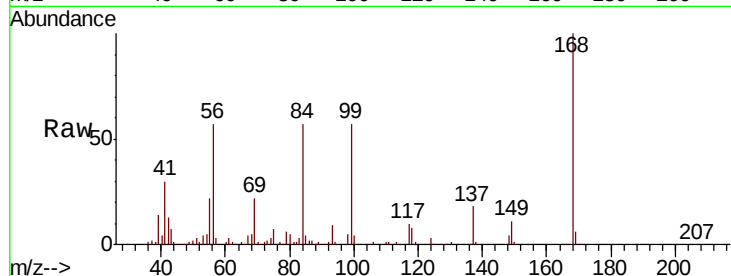
VSTDCCC050EC

Tot Ion:168 Resp: 379119

Ion Ratio Lower Upper

168 100

99 56.2 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

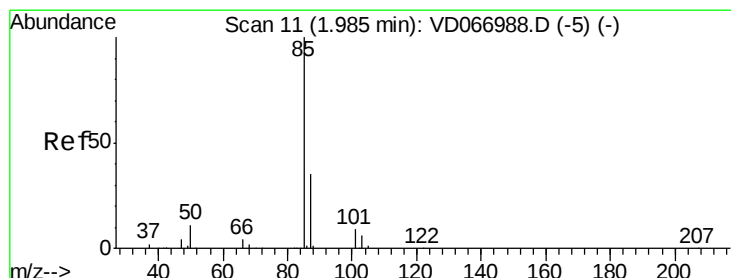
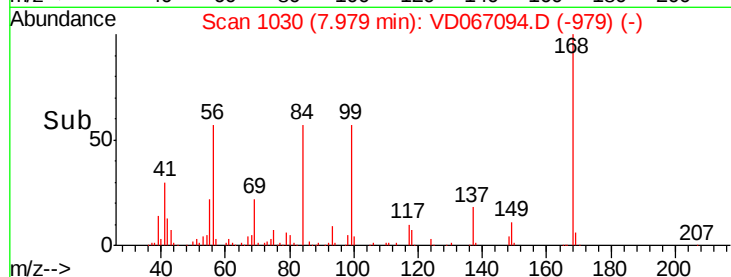
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 58.262 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067094.D

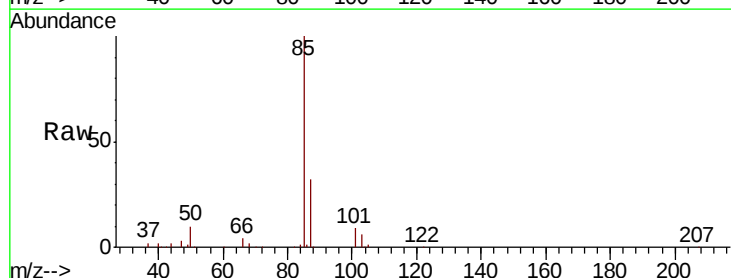
Acq: 05 Oct 2020 20:04

Tgt Ion: 85 Resp: 175318

Ion Ratio Lower Upper

85 100

87 32.2 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

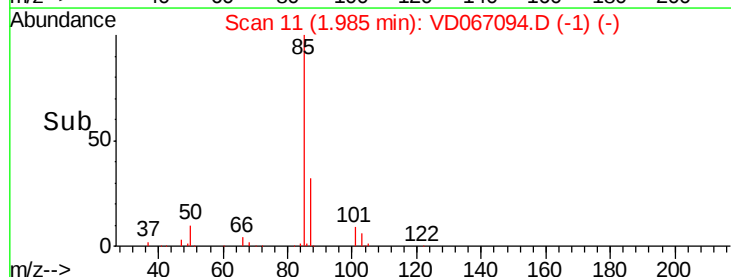
100000

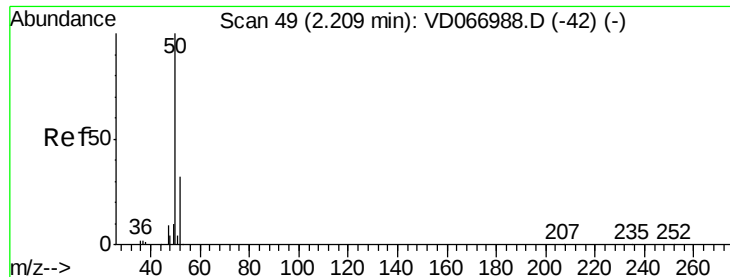
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 48.489 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

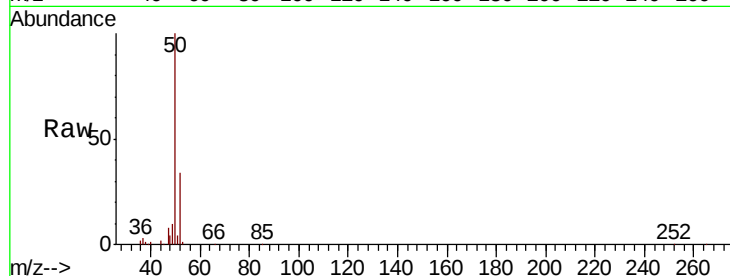
VSTDCCC050EC

Tot Ion: 50 Resp: 146400

Ion Ratio Lower Upper

50 100

52 33.8 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

120000

100000

80000

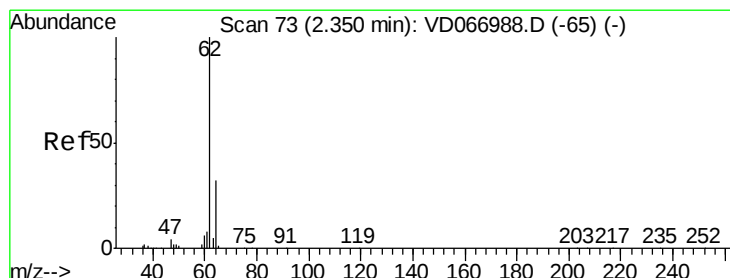
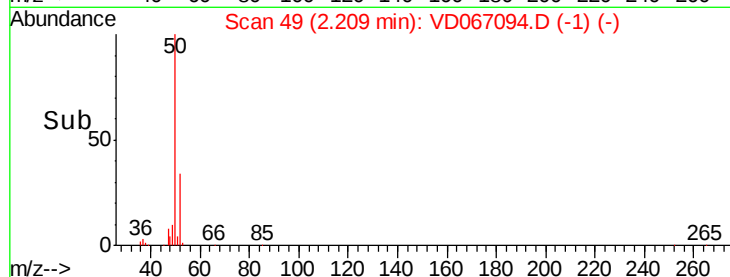
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 49.321 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067094.D

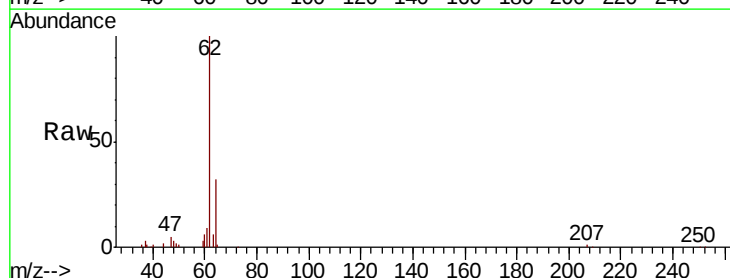
Acq: 05 Oct 2020 20:04

Tgt Ion: 62 Resp: 149312

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

100000

80000

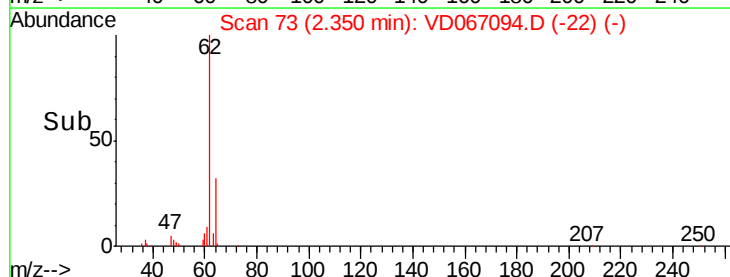
60000

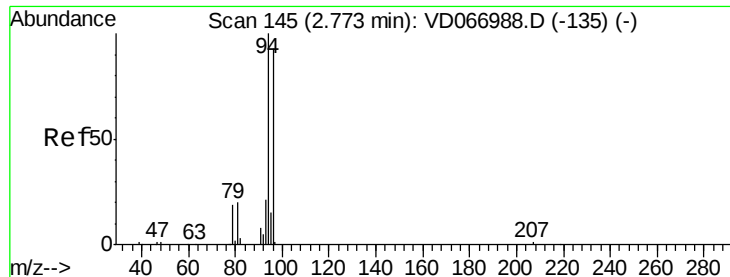
40000

20000

0

Time-->





#5

Bromomethane

Concen: 59.999 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

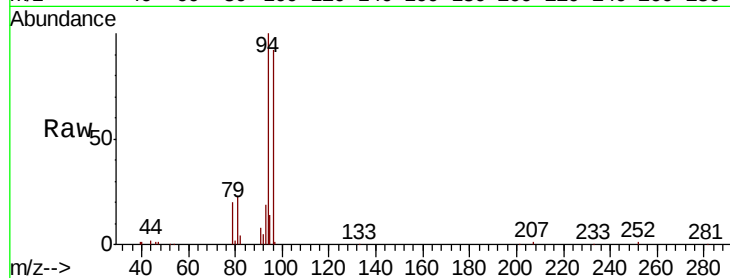
VSTDCCC050EC

Tot Ion: 94 Resp: 115391

Ion Ratio Lower Upper

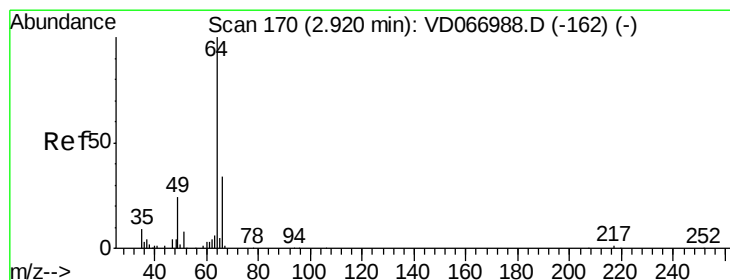
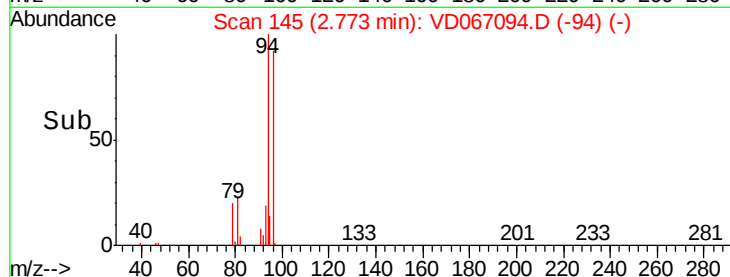
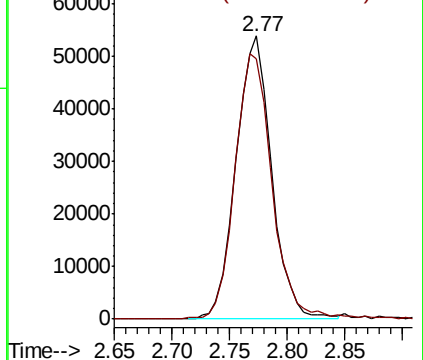
94 100

96 91.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.482 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067094.D

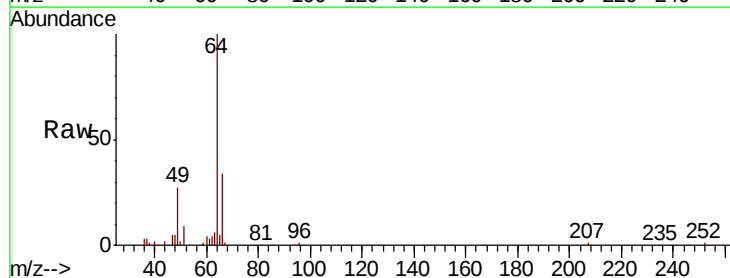
Acq: 05 Oct 2020 20:04

Tgt Ion: 64 Resp: 96758

Ion Ratio Lower Upper

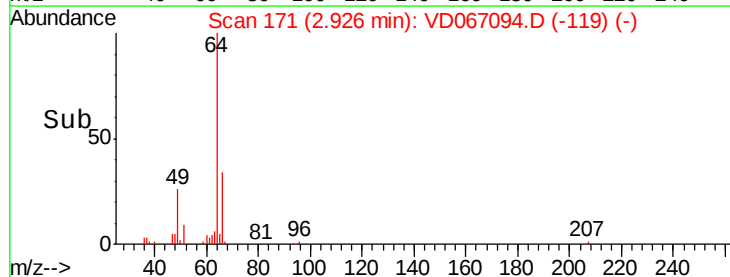
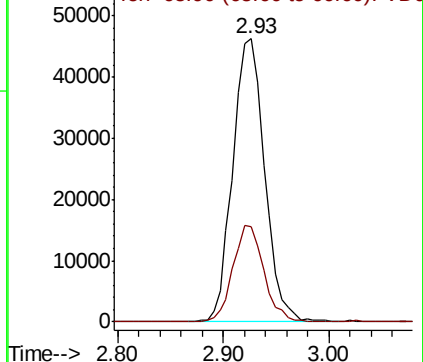
64 100

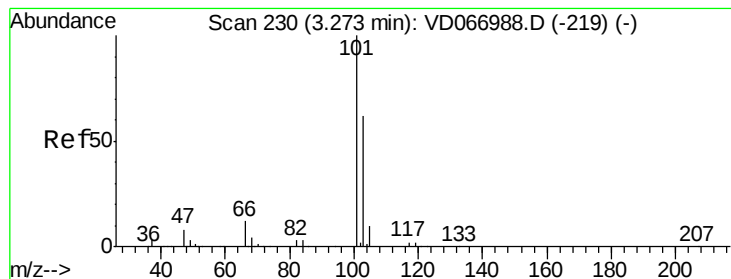
66 33.6 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



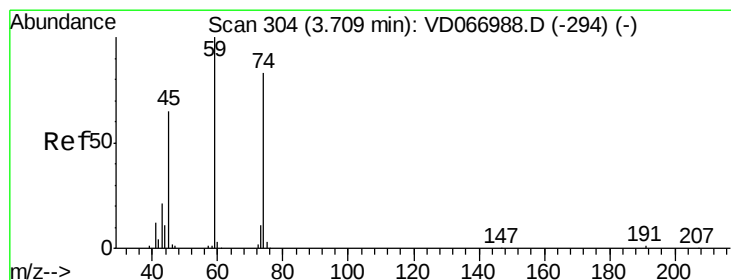
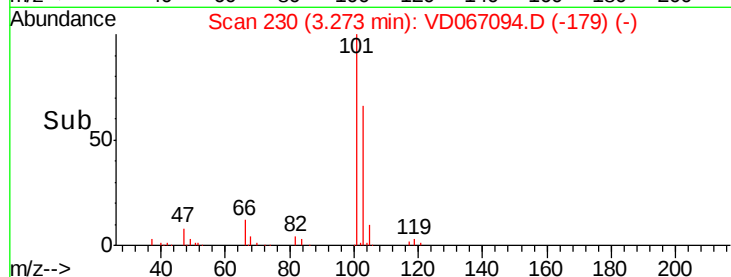
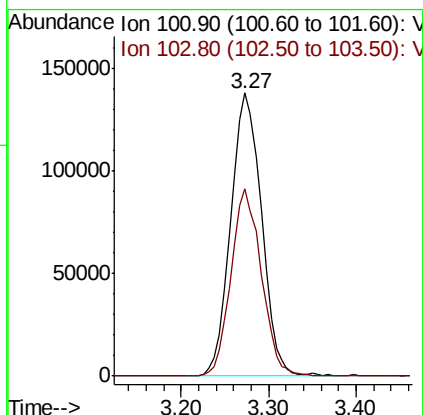
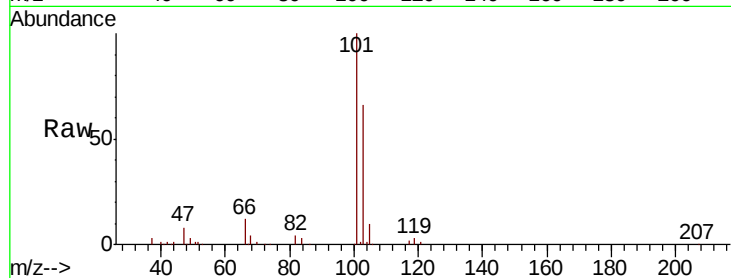


#7

Trichlorofluoromethane  
 Concen: 49.230 ug/l  
 RT: 3.27 min Scan# 230  
 Delta R.T. 0.00 min  
 Lab File: VD067094.D  
 Acq: 05 Oct 2020 20:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

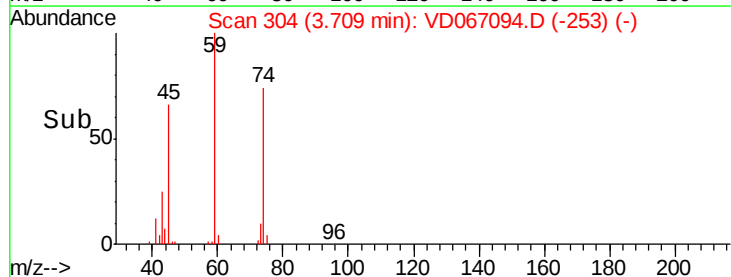
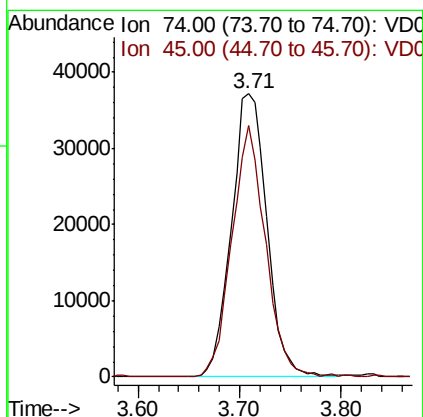
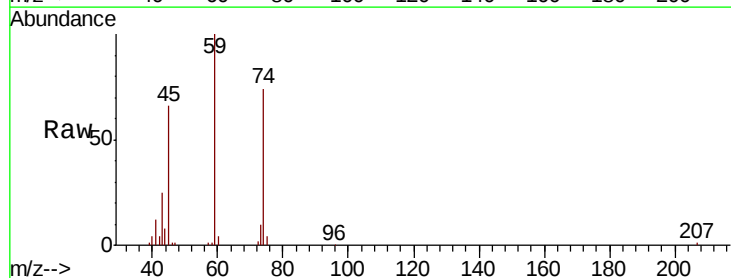
Tot Ion:101 Resp: 331126  
 Ion Ratio Lower Upper  
 101 100  
 103 66.3 49.8 74.8

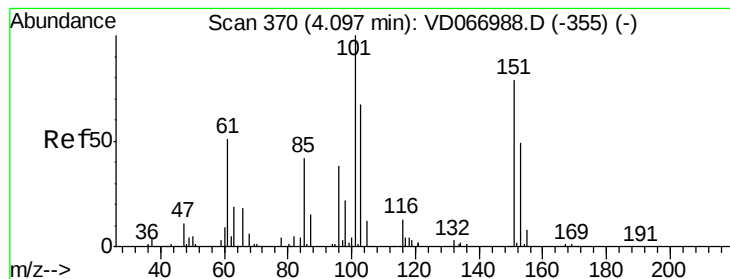


#8

Diethyl Ether  
 Concen: 54.097 ug/l  
 RT: 3.71 min Scan# 304  
 Delta R.T. 0.00 min  
 Lab File: VD067094.D  
 Acq: 05 Oct 2020 20:04

Tgt Ion: 74 Resp: 90230  
 Ion Ratio Lower Upper  
 74 100  
 45 83.6 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.595 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

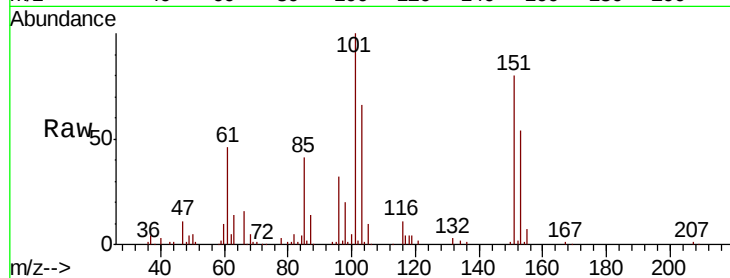
Tot Ion:101 Resp: 192345

Ion Ratio Lower Upper

101 100

85 41.9 33.8 50.8

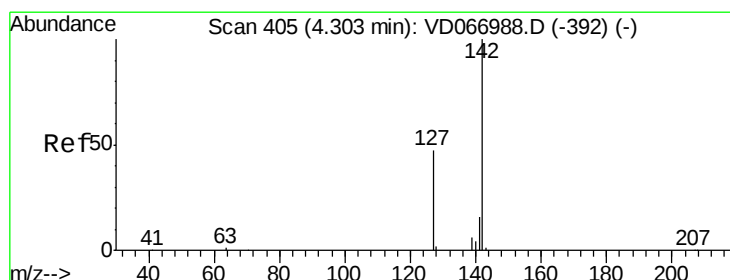
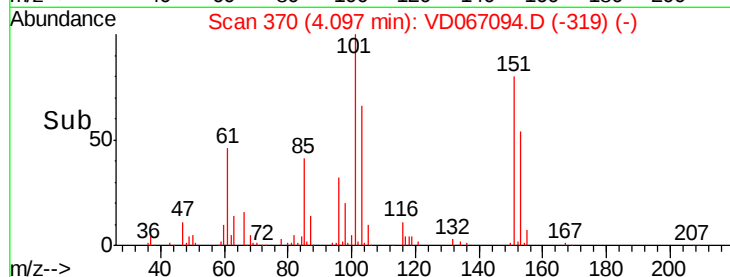
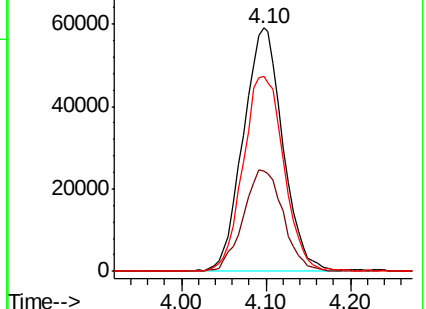
151 82.2 63.8 95.8



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: 52.461 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

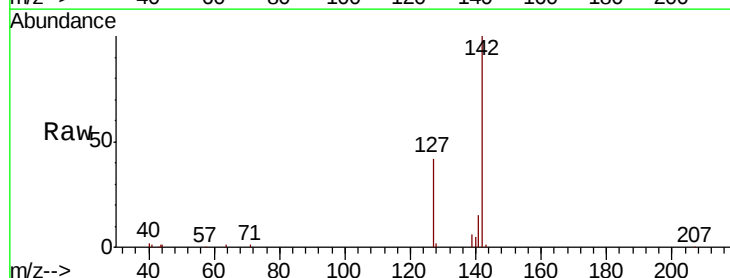
Tgt Ion:142 Resp: 193786

Ion Ratio Lower Upper

142 100

127 46.2 36.3 54.5

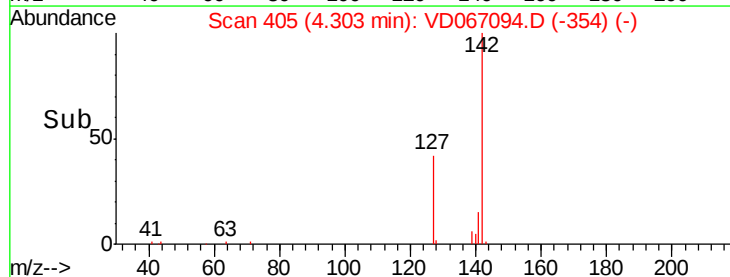
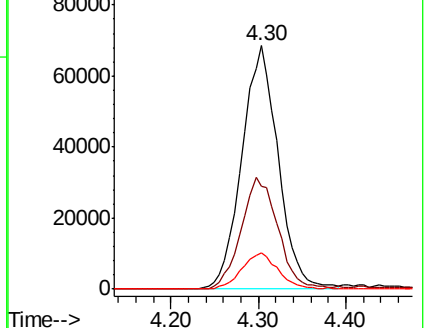
141 14.8 12.0 18.0

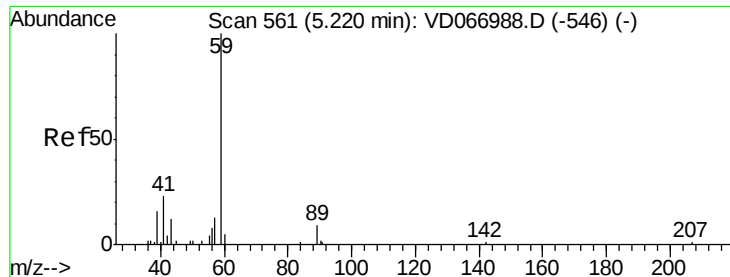


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

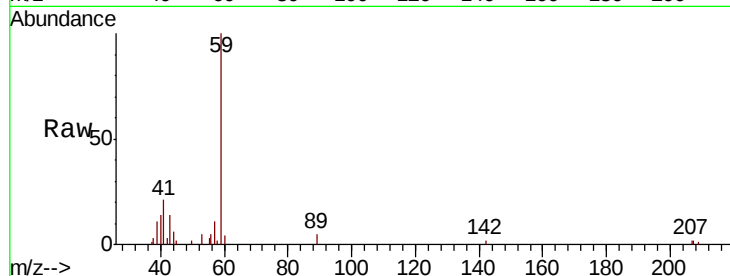




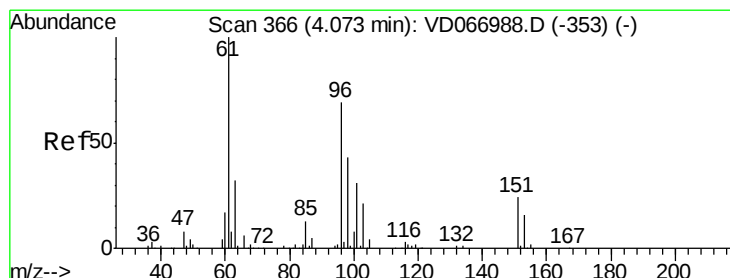
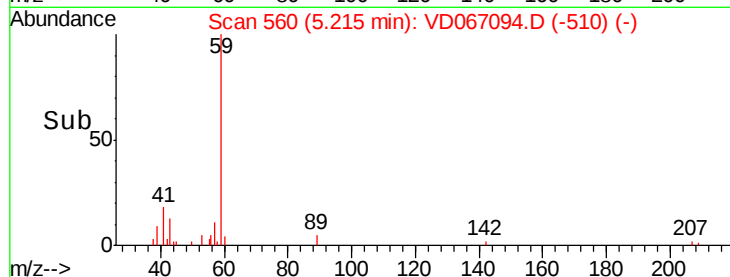
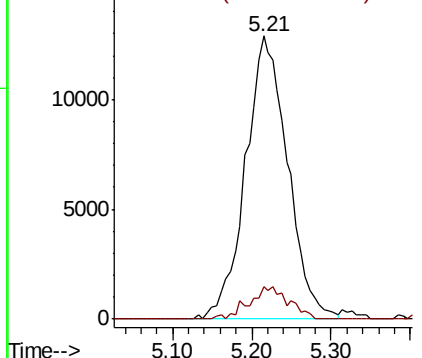
#11  
Tert butyl alcohol  
Concen: 215.412 ug/l  
RT: 5.21 min Scan# 560  
Delta R.T. -0.01 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 59 Resp: 47539  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.2 12.4

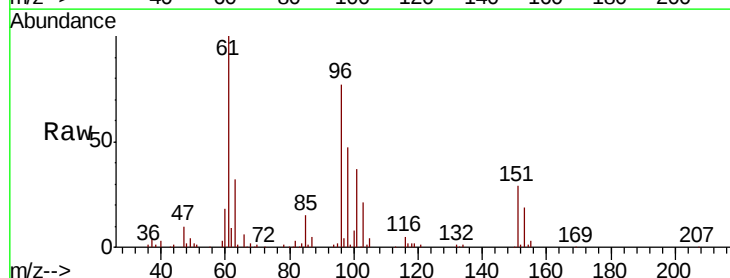


Abundance Ion 59.00 (58.70 to 59.70): VDC  
Ion 57.00 (56.70 to 57.70): VDC

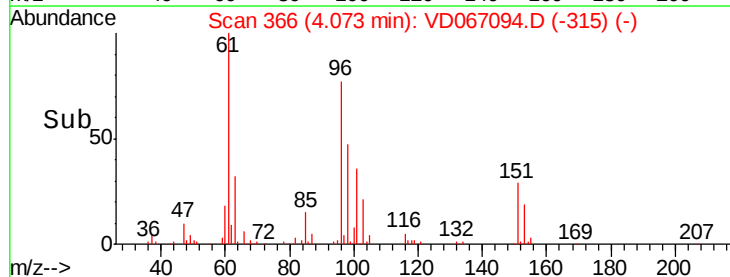
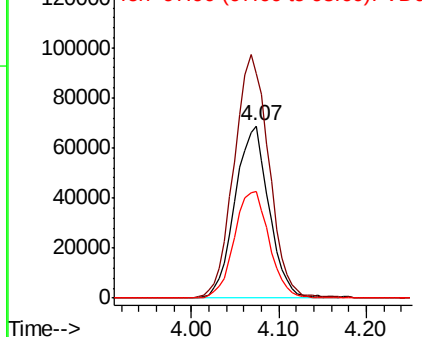


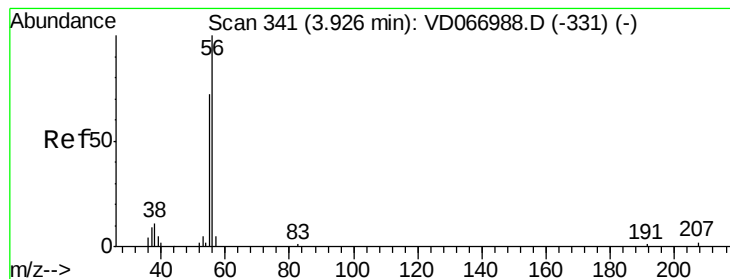
#12  
1,1-Dichloroethene  
Concen: 50.906 ug/l  
RT: 4.07 min Scan# 366  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Tgt Ion: 96 Resp: 181931  
Ion Ratio Lower Upper  
96 100  
61 130.7 116.4 174.6  
98 61.8 49.9 74.9



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





#13

Acrolein

Concen: 241.340 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

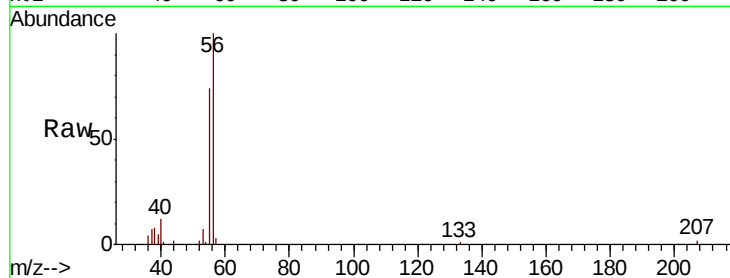
VSTDCCC050EC

Tot Ion: 56 Resp: 59011

Ion Ratio Lower Upper

56 100

55 69.3 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

25000

20000

15000

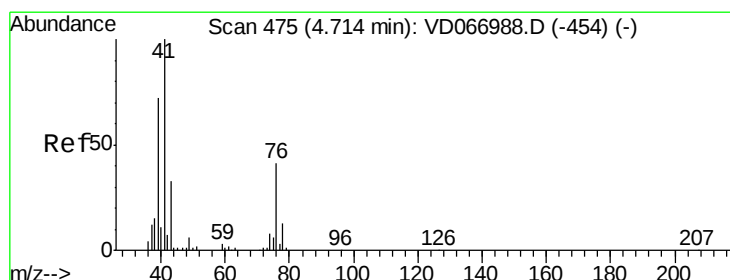
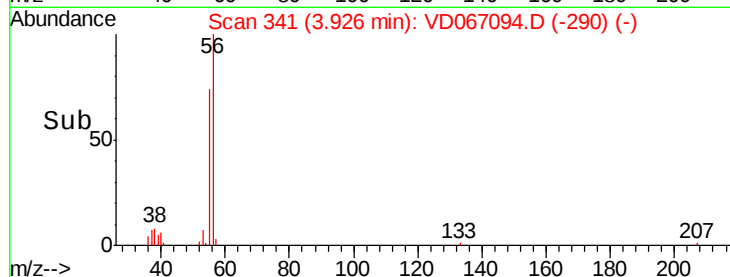
10000

5000

0

Time-->

3.80 3.90 4.00 4.10



#14

Allyl chloride

Concen: 52.457 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

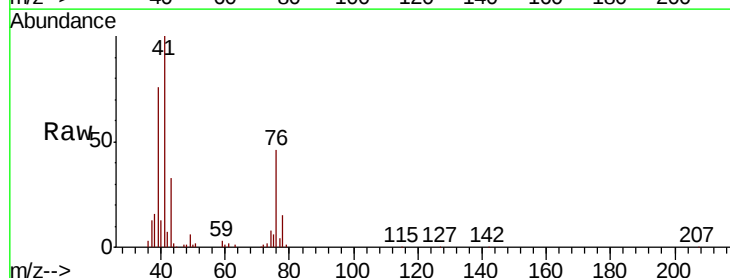
Tgt Ion: 41 Resp: 243547

Ion Ratio Lower Upper

41 100

39 71.2 56.2 84.2

76 43.9 34.2 51.2



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

100000

80000

60000

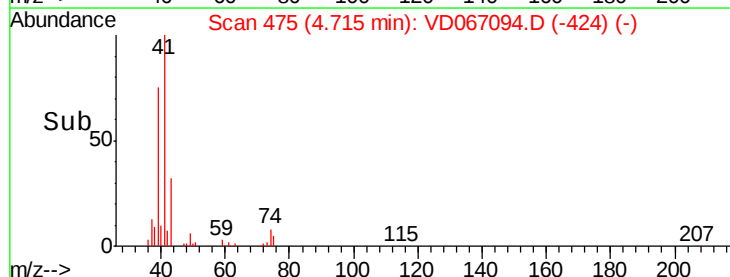
40000

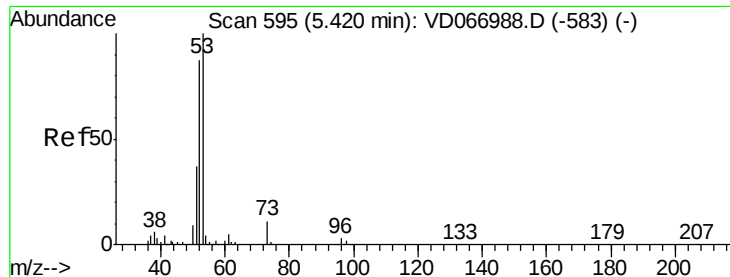
20000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 275.504 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

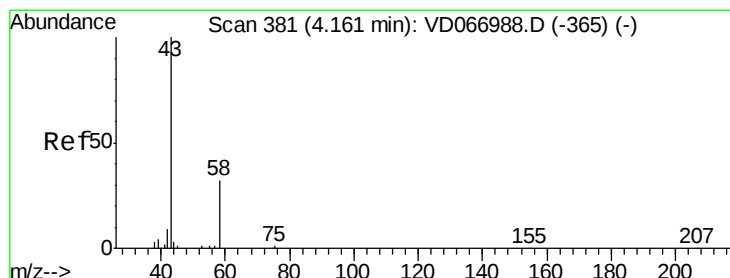
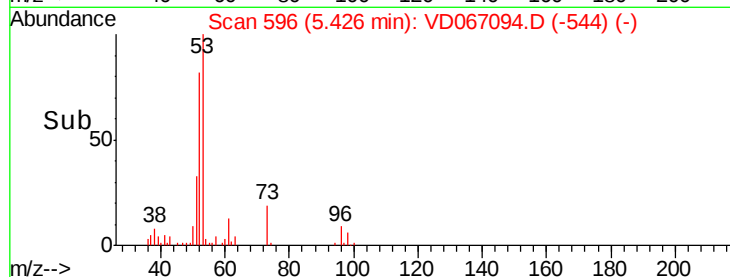
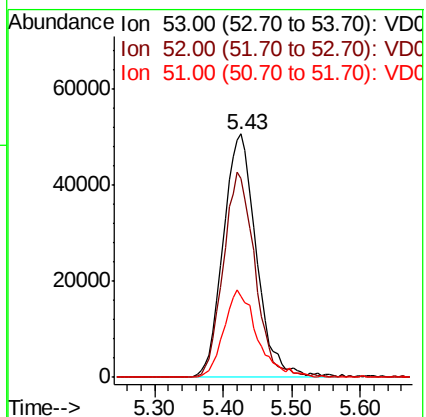
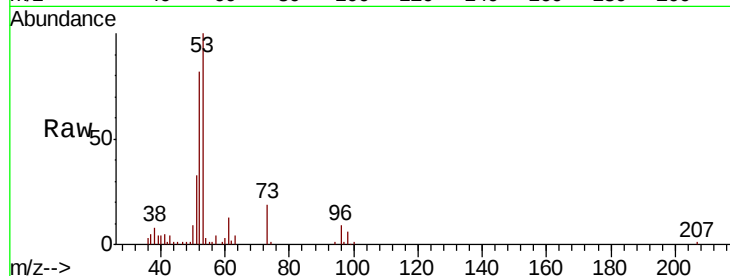
Tot Ion: 53 Resp: 169124

Ion Ratio Lower Upper

53 100

52 80.8 67.3 100.9

51 36.1 30.2 45.2



#16

Acetone

Concen: 253.026 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067094.D

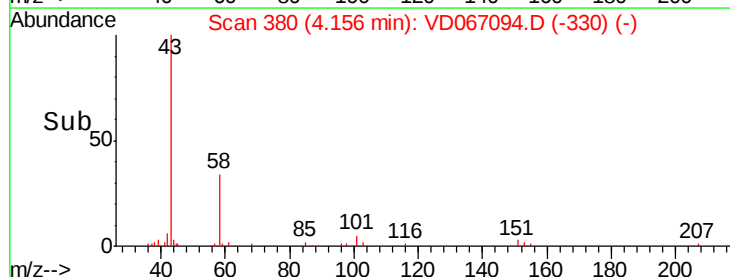
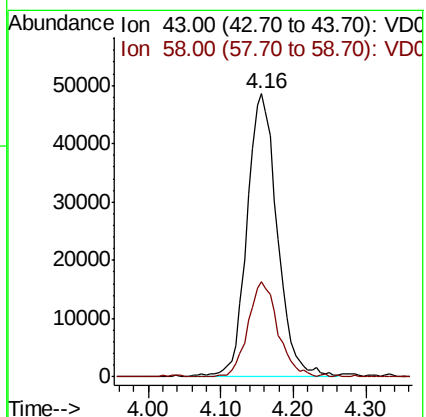
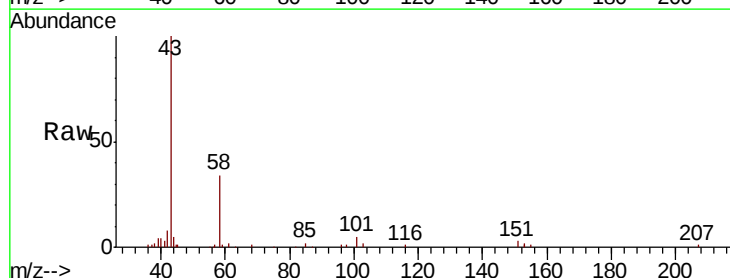
Acq: 05 Oct 2020 20:04

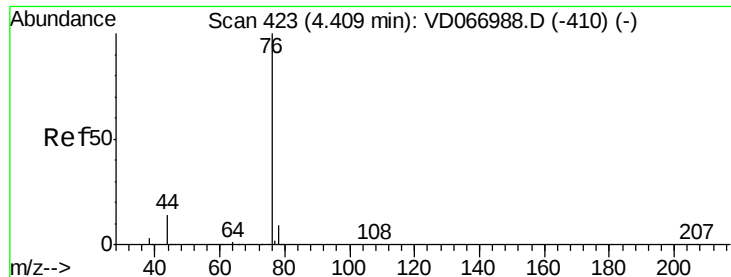
Tgt Ion: 43 Resp: 141044

Ion Ratio Lower Upper

43 100

58 33.7 25.9 38.9

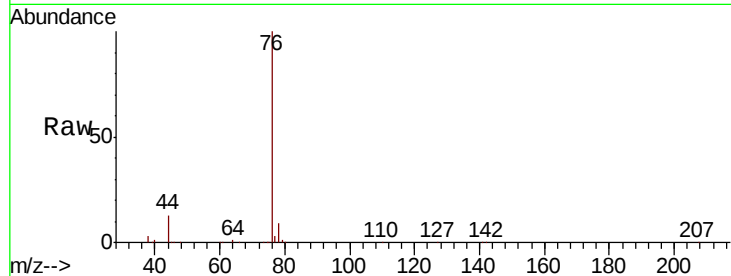




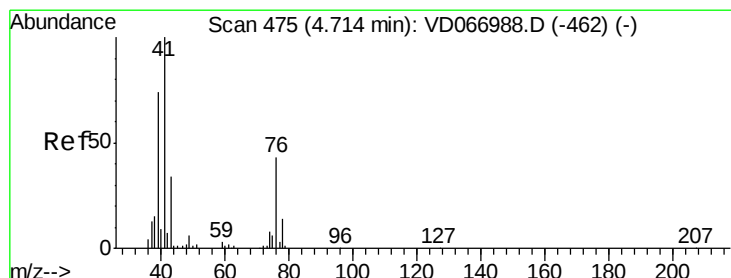
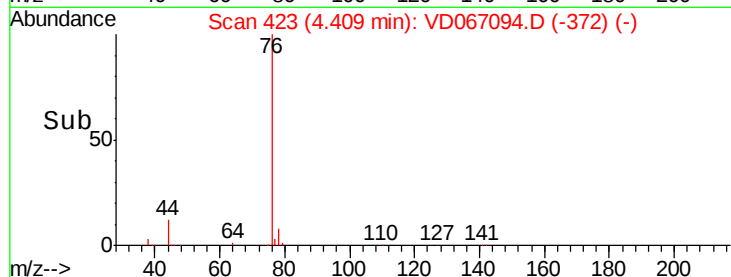
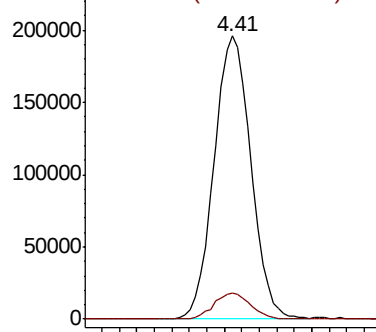
#17  
Carbon Disulfide  
Concen: 51.128 ug/l  
RT: 4.41 min Scan# 423  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 76 Resp: 560763  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.5 11.3

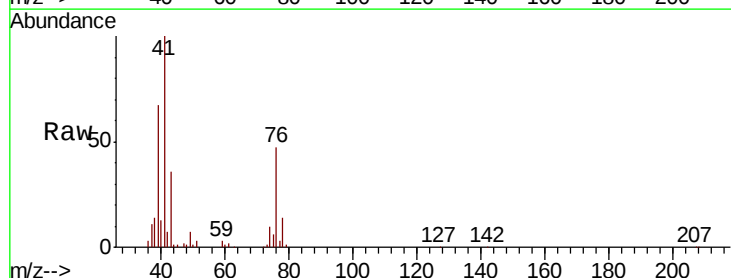


Abundance Ion 75.90 (75.60 to 76.60): VDC  
Ion 77.90 (77.60 to 78.60): VDC

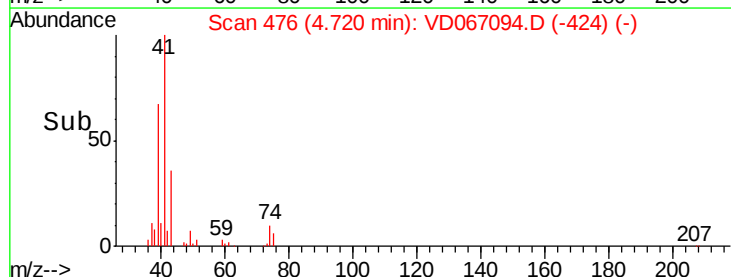
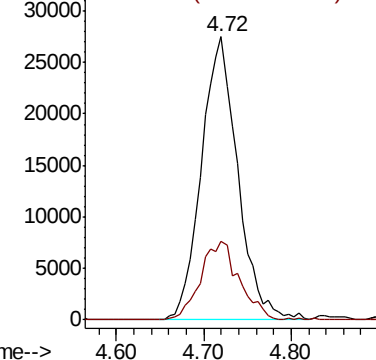


#18  
Methyl Acetate  
Concen: 55.454 ug/l  
RT: 4.72 min Scan# 476  
Delta R.T. 0.01 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Tgt Ion: 43 Resp: 77692  
Ion Ratio Lower Upper  
43 100  
74 29.3 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 74.00 (73.70 to 74.70): VDC

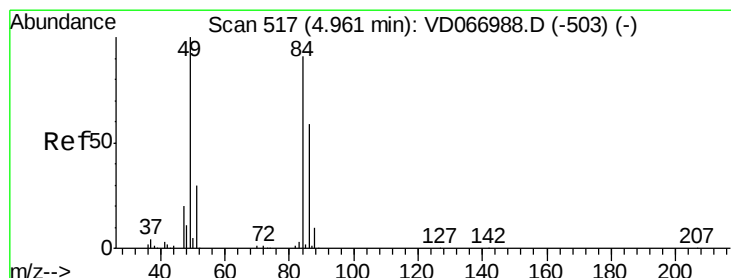
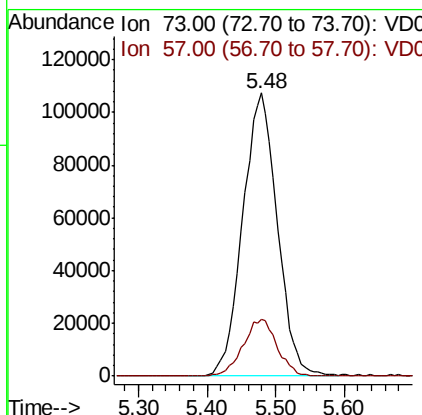
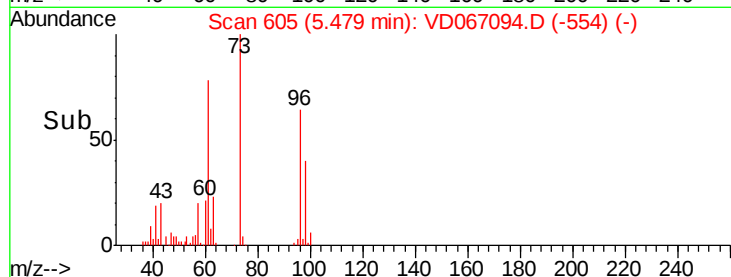
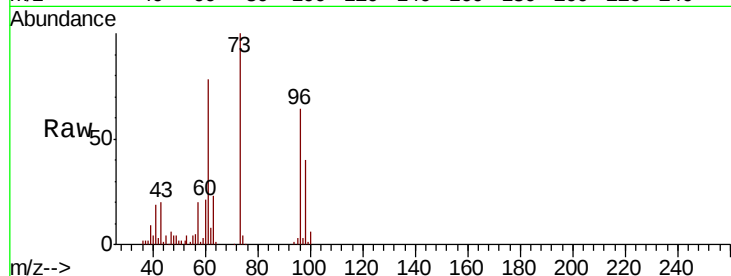




#19  
Methvl tert-butvl Ether  
Concen: 57.644 ug/l  
RT: 5.48 min Scan# 605  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

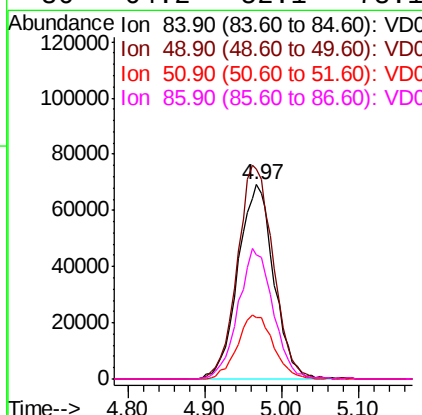
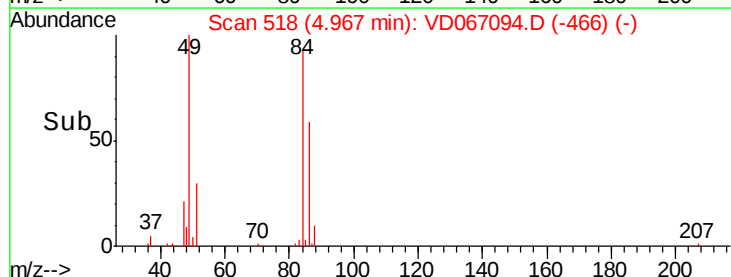
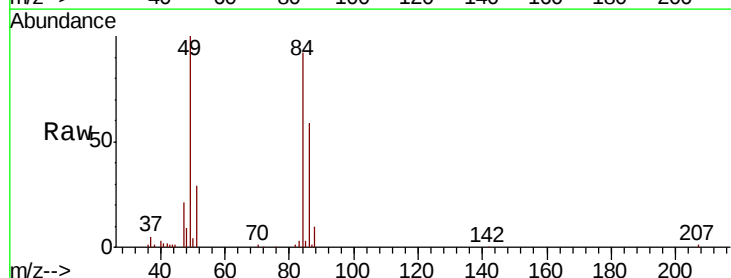
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

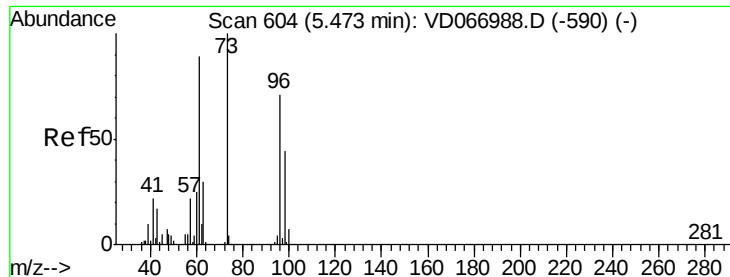
Tot Ion: 73 Resp: 376079  
Ion Ratio Lower Upper  
73 100  
57 20.3 17.4 26.0



#20  
Methylene Chloride  
Concen: 58.117 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. 0.01 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Tgt Ion: 84 Resp: 225220  
Ion Ratio Lower Upper  
84 100  
49 108.3 88.2 132.2  
51 31.9 26.6 39.8  
86 64.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 54.099 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

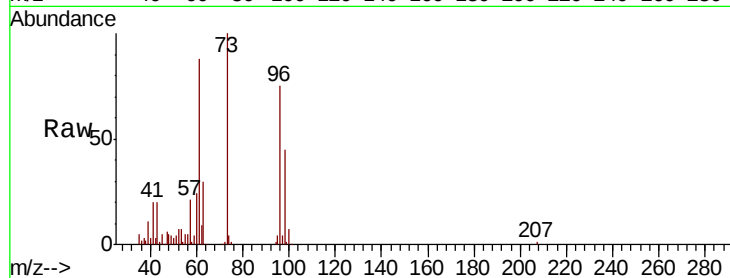
Tot Ion: 96 Resp: 220031

Ion Ratio Lower Upper

96 100

61 116.7 99.6 149.4

98 59.4 49.4 74.2

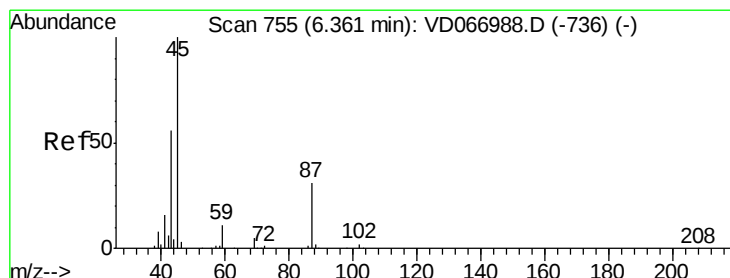
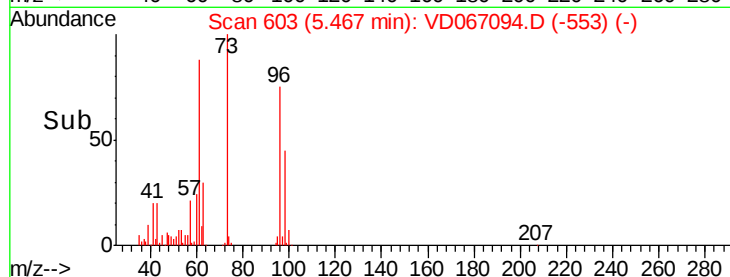
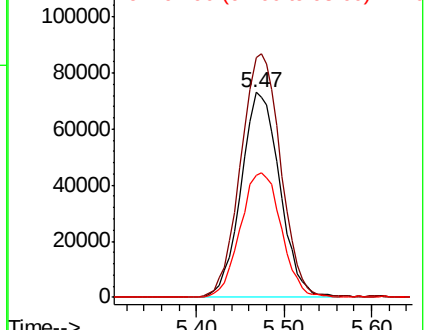


Abundance

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: 54.420 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Tgt Ion: 45 Resp: 461263

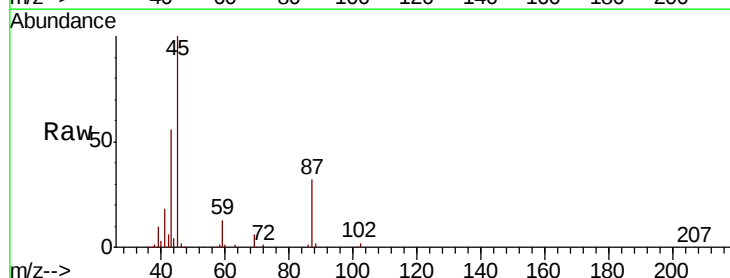
Ion Ratio Lower Upper

45 100

43 55.7 45.2 67.8

87 32.0 25.6 38.4

59 12.6 9.1 13.7



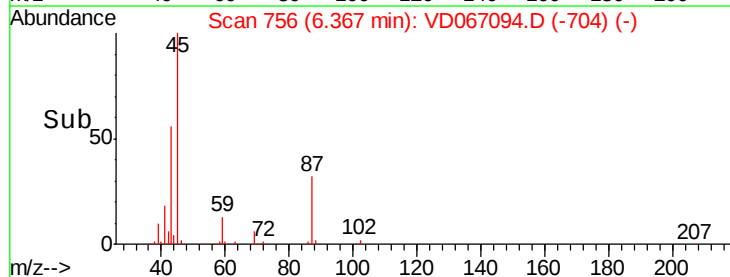
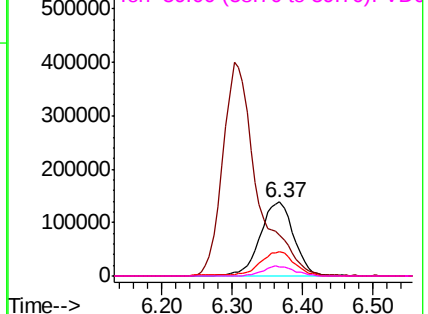
Abundance

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: 282.392 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

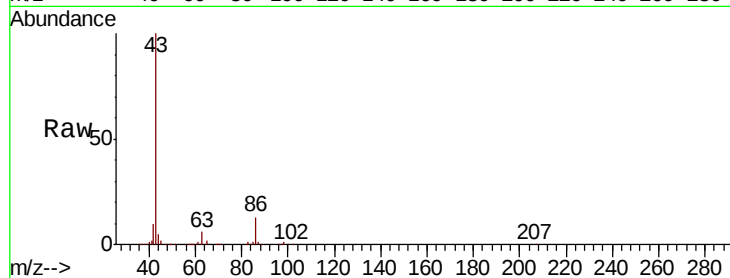
VSTDCCC050EC

Tot Ion: 43 Resp: 1356339

Ion Ratio Lower Upper

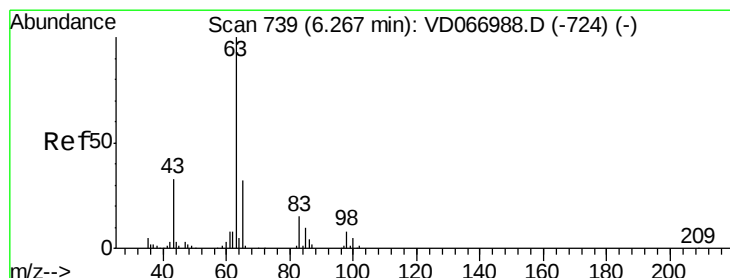
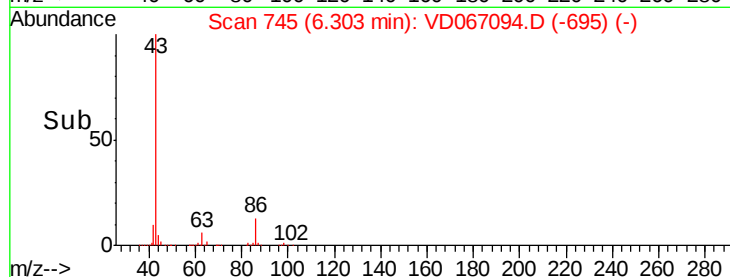
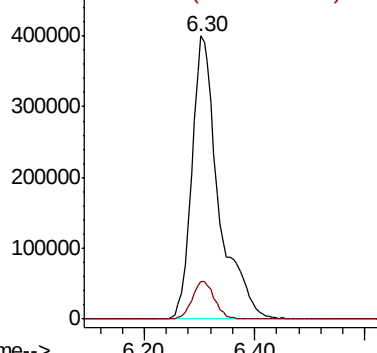
43 100

86 13.3 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.671 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

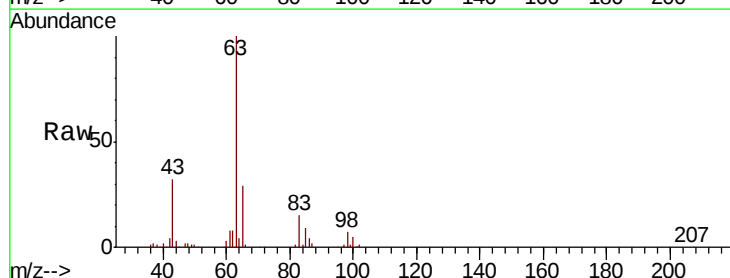
Tgt Ion: 63 Resp: 351083

Ion Ratio Lower Upper

63 100

98 7.4 4.2 12.6

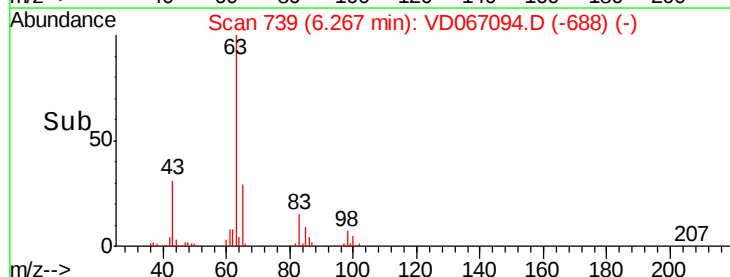
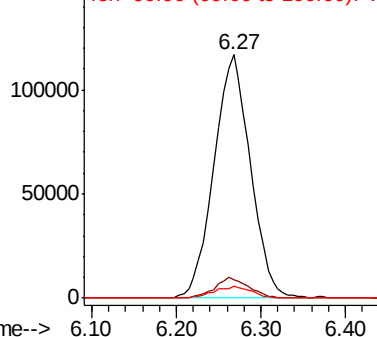
100 5.1 2.6 7.8

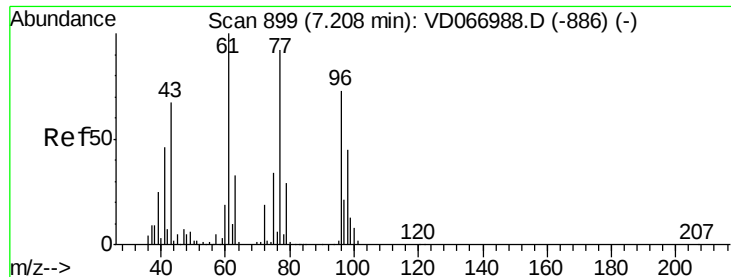


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

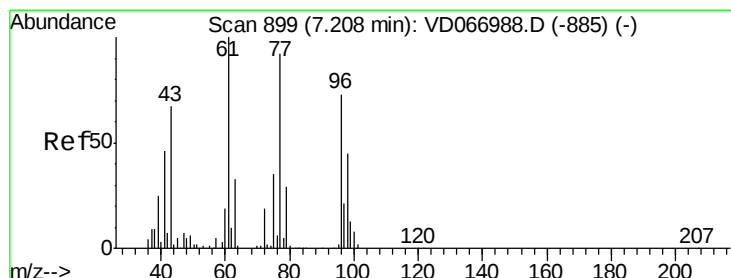
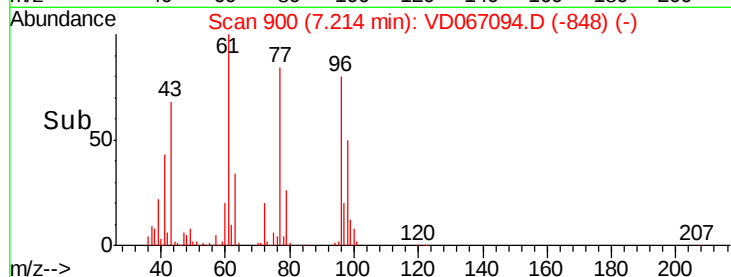
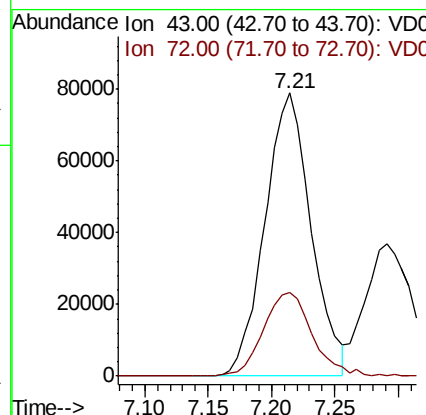
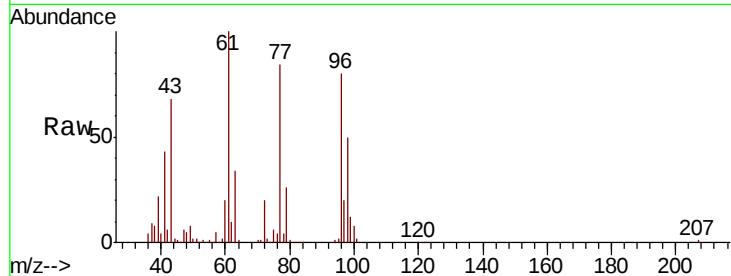




#25  
2-Butanone  
Concen: 253.554 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. 0.01 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

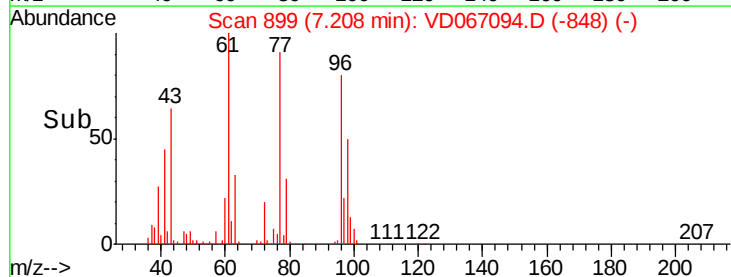
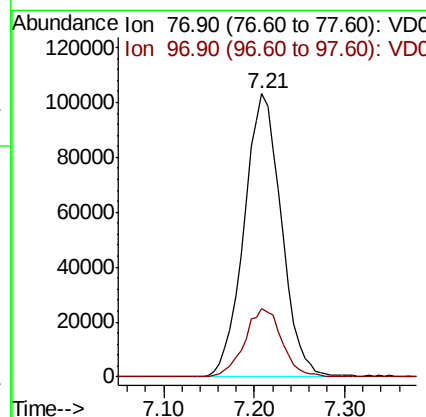
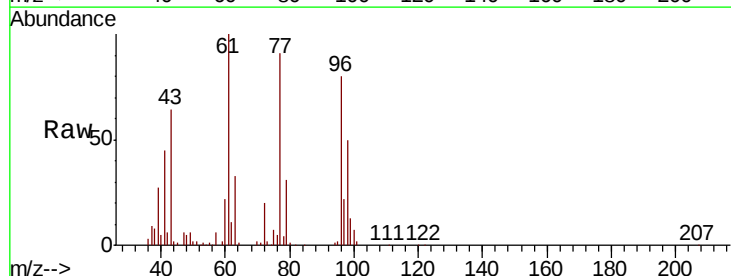
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

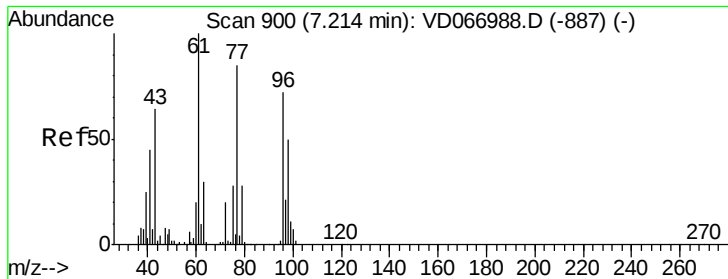
Tot Ion: 43 Resp: 200385  
Ion Ratio Lower Upper  
43 100  
72 29.6 22.8 34.2



#26  
2,2-Dichloropropane  
Concen: 52.979 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Tgt Ion: 77 Resp: 294965  
Ion Ratio Lower Upper  
77 100  
97 23.9 11.4 34.2



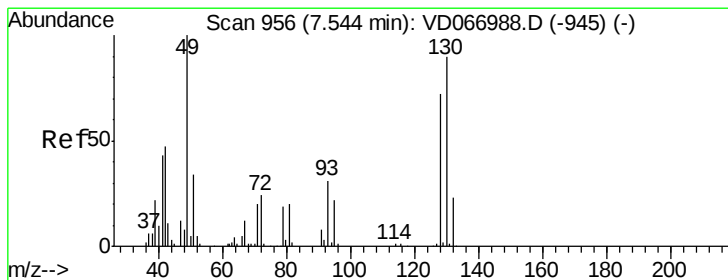
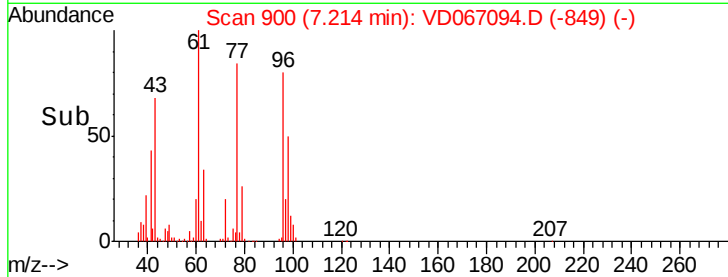
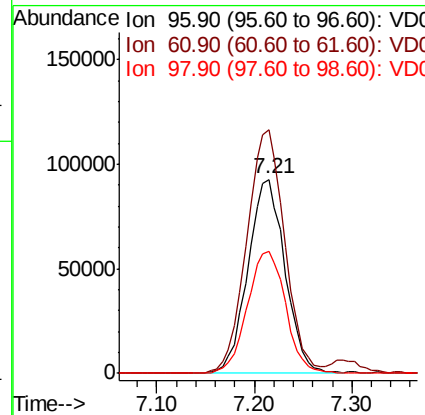
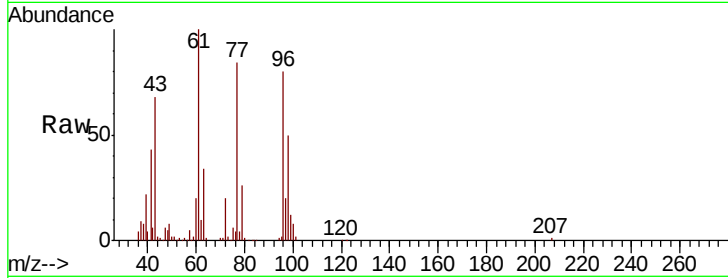


#27

cis-1,2-Dichloroethene  
Concen: 56.646 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

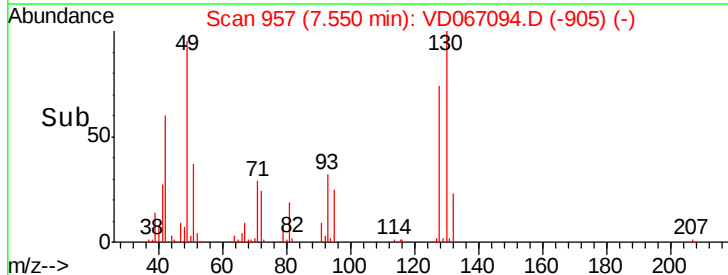
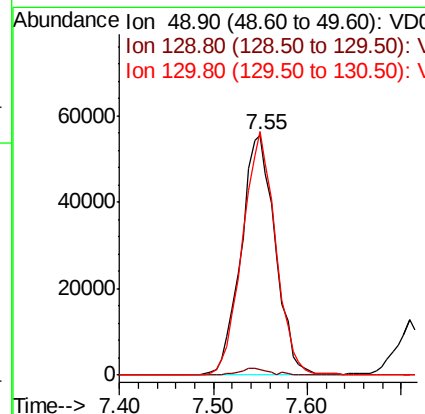
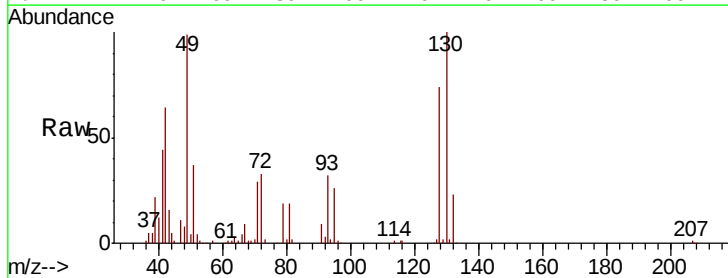
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 128.6 | 0.0   | 269.2 |
| 98      | 64.7  | 0.0   | 129.4 |

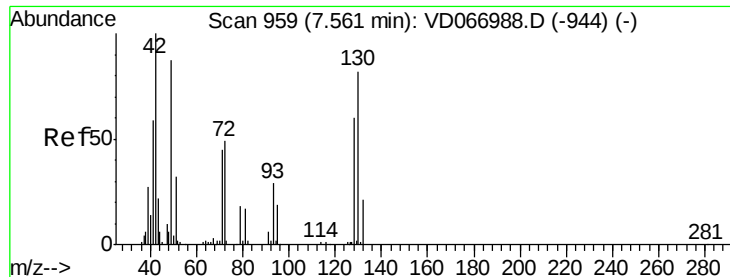


#28

Bromochloromethane  
Concen: 55.389 ug/l  
RT: 7.55 min Scan# 957  
Delta R.T. 0.01 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.2   | 0.0   | 4.6   |
| 130     | 98.6  | 74.1  | 111.1 |





#29

Tetrahydrofuran

Concen: 268.566 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

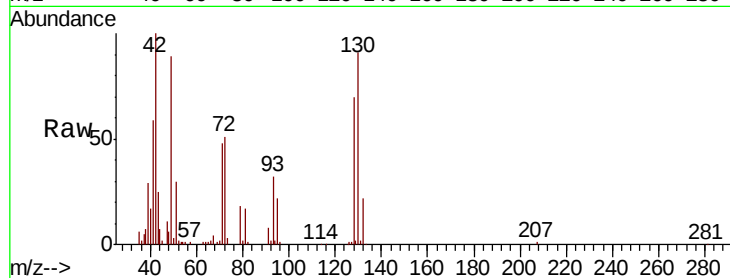
Tot Ion: 42 Resp: 122041

Ion Ratio Lower Upper

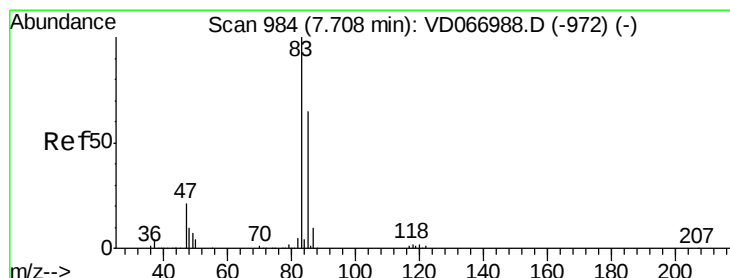
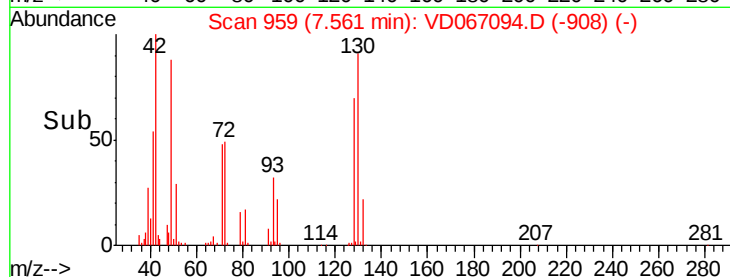
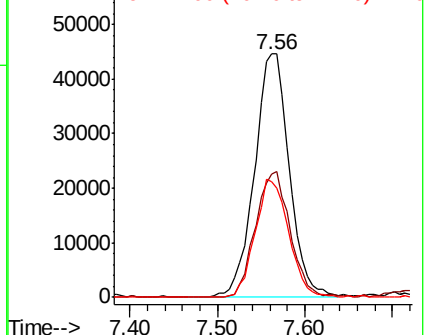
42 100

72 51.7 39.1 58.7

71 46.9 34.2 51.4



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



#30

Chloroform

Concen: 54.790 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD067094.D

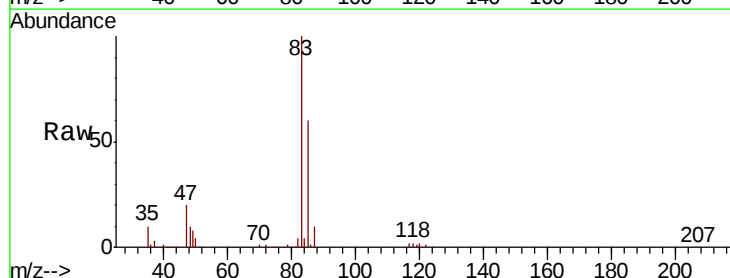
Acq: 05 Oct 2020 20:04

Tgt Ion: 83 Resp: 388789

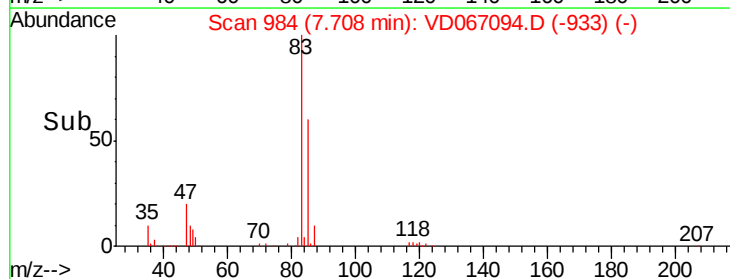
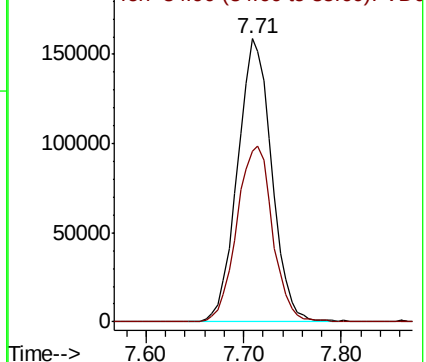
Ion Ratio Lower Upper

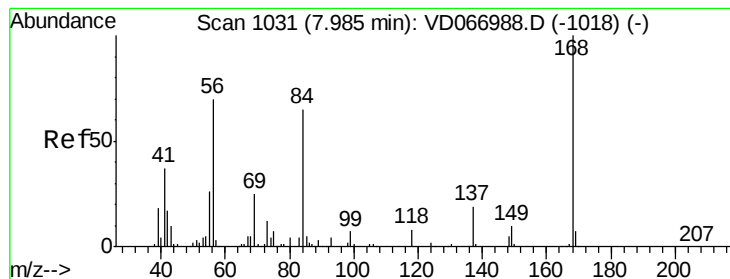
83 100

85 60.1 52.3 78.5



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





#31

Cyclohexane

Concen: 47.026 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

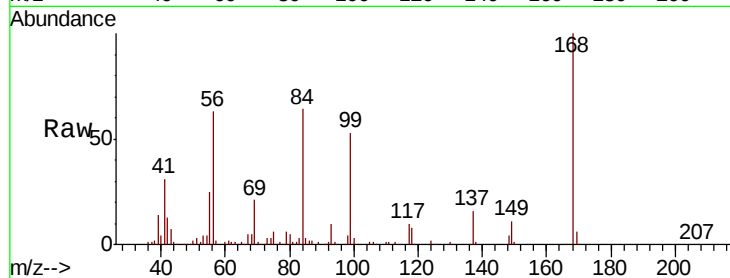
Tot Ion: 56 Resp: 257894

Ion Ratio Lower Upper

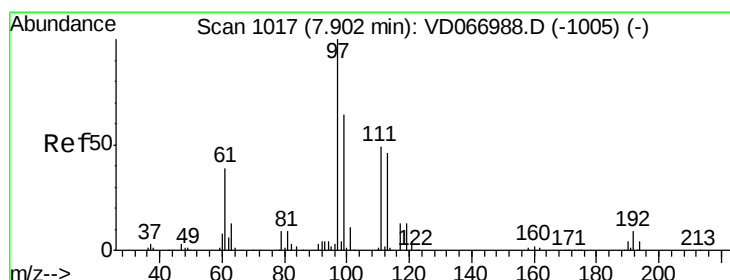
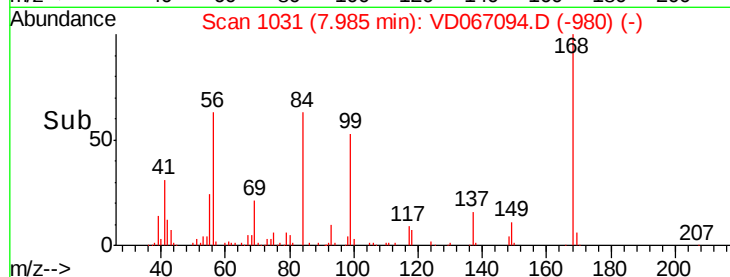
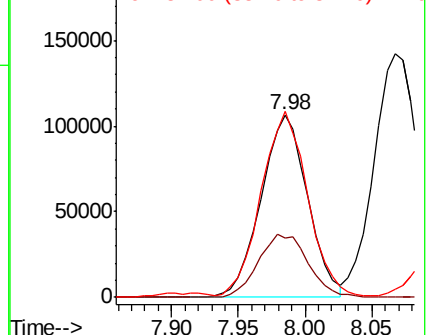
56 100

69 32.5 29.0 43.6

84 99.4 74.2 111.2



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: 53.213 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

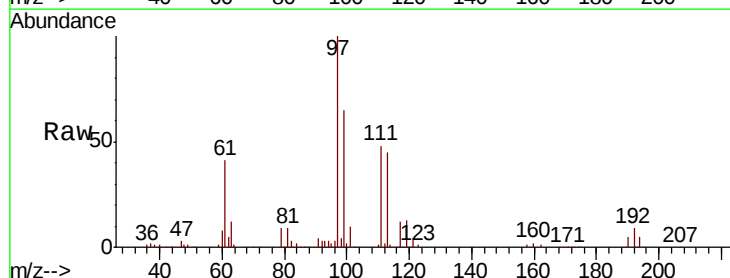
Tgt Ion: 97 Resp: 349943

Ion Ratio Lower Upper

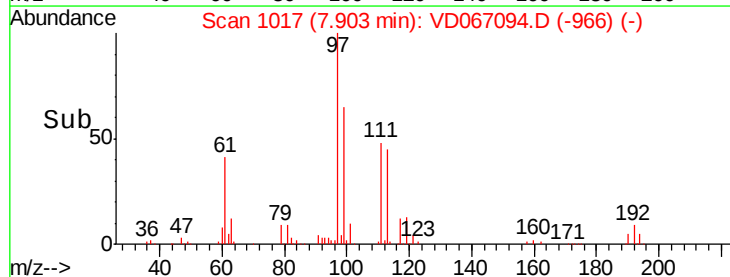
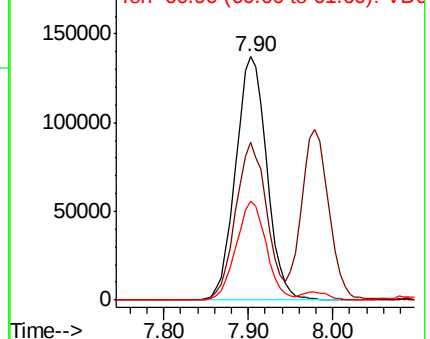
97 100

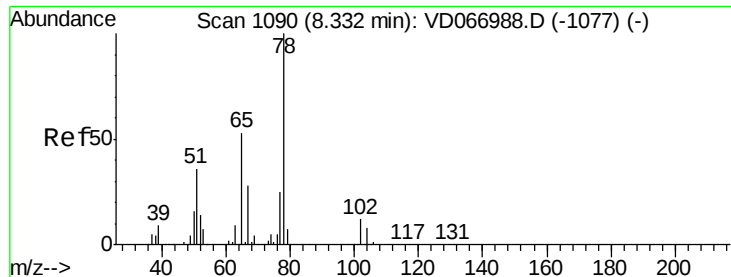
99 64.7 52.6 78.8

61 39.4 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VDC  
Ion 98.90 (98.60 to 99.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 53.219 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

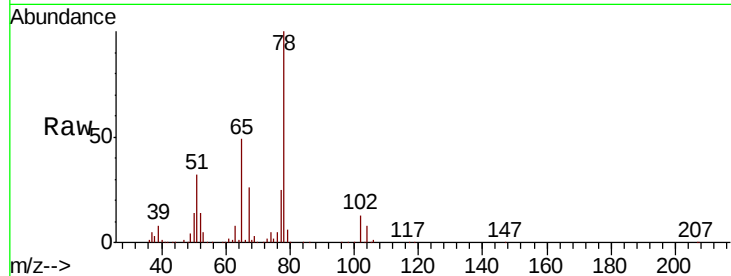
VSTDCCC050EC

Tot Ion: 65 Resp: 194338

Ion Ratio Lower Upper

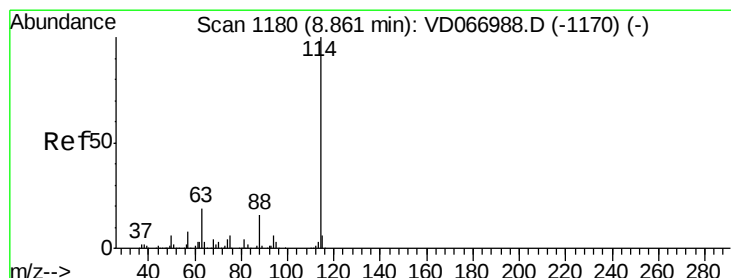
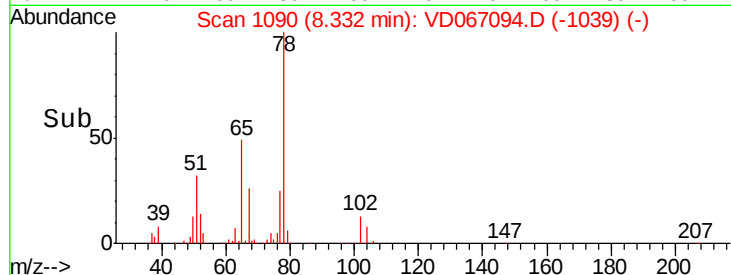
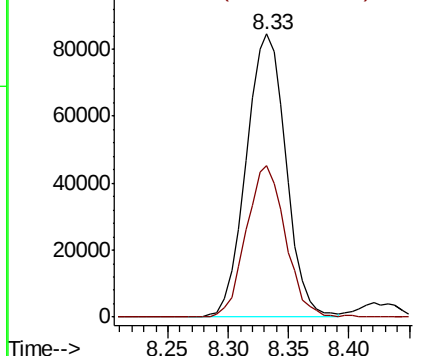
65 100

67 52.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

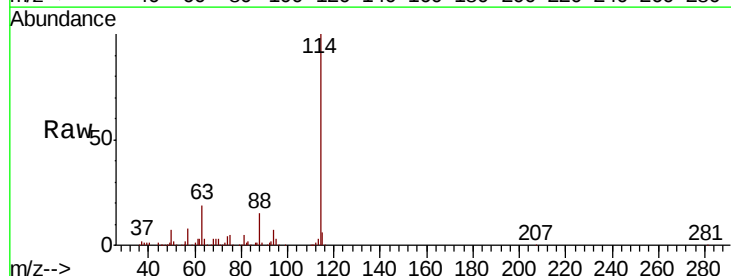
Tgt Ion: 114 Resp: 603016

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

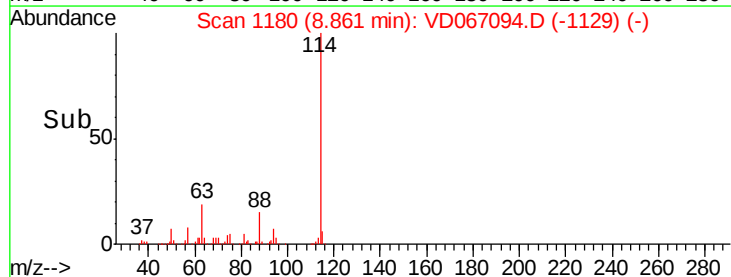
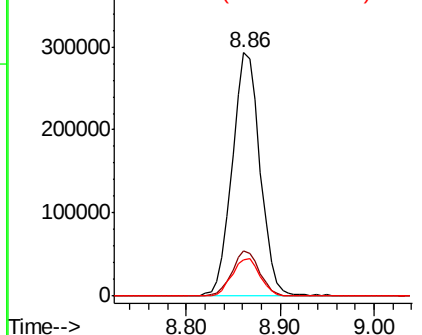
88 14.9 0.0 31.2

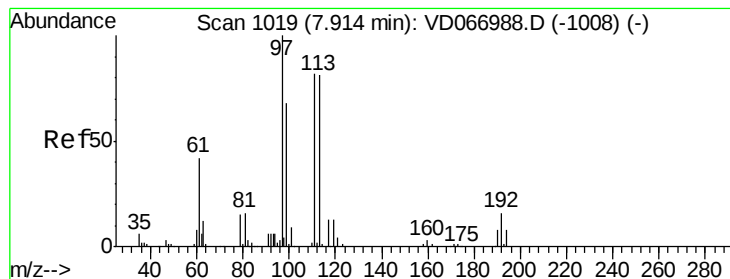


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 55.050 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

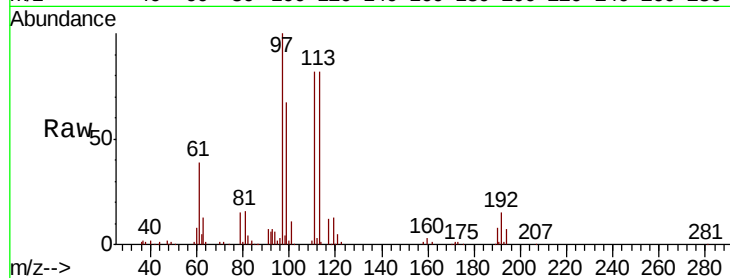
Tot Ion:113 Resp: 217330

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.4

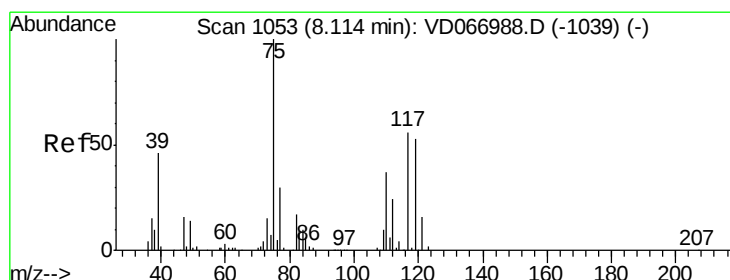
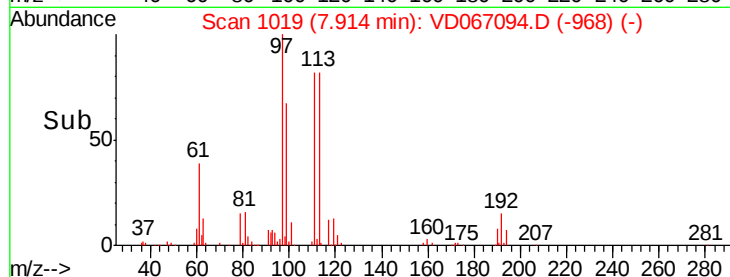
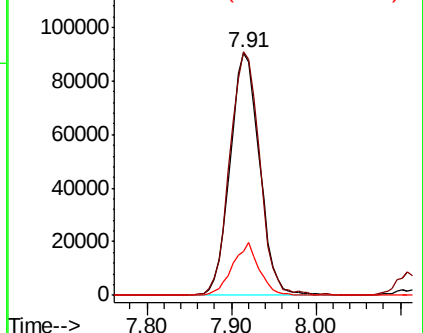
192 19.6 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.338 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

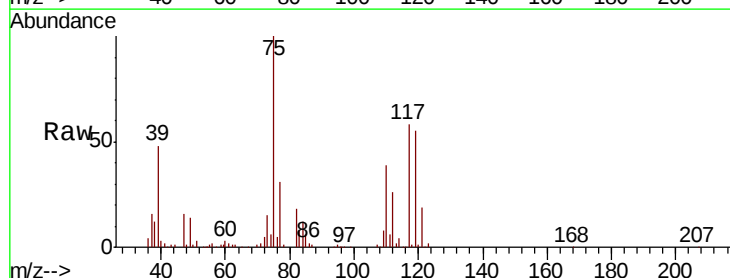
Tgt Ion: 75 Resp: 282936

Ion Ratio Lower Upper

75 100

110 38.1 18.4 55.0

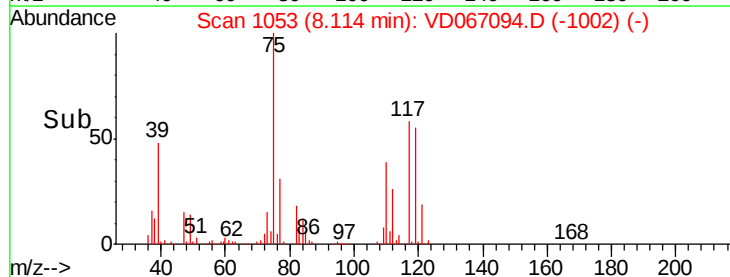
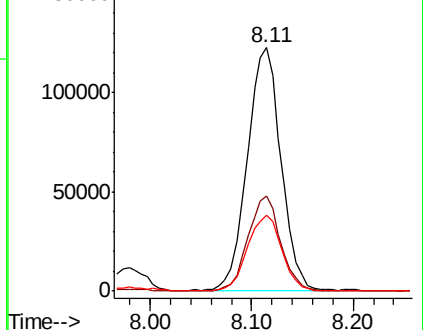
77 31.7 24.8 37.2

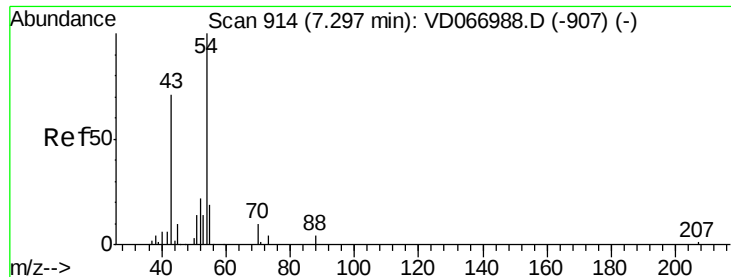


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

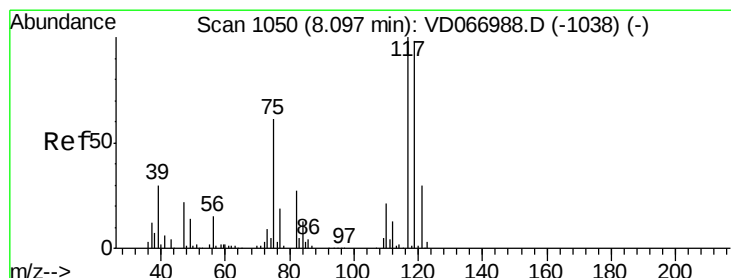
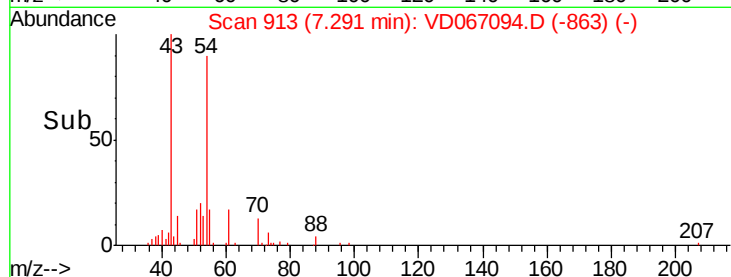
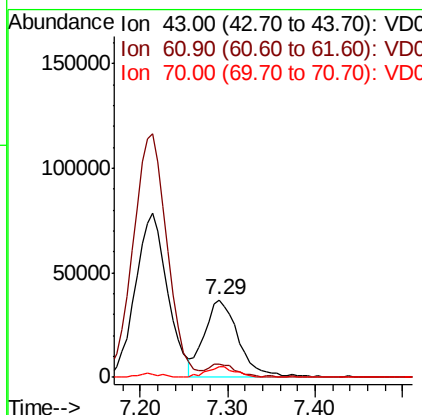
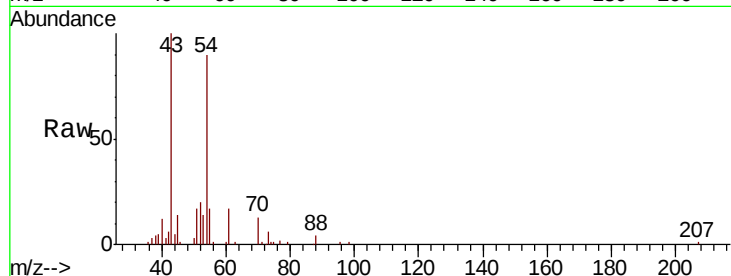




#37  
Ethyl Acetate  
Concen: 52.184 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

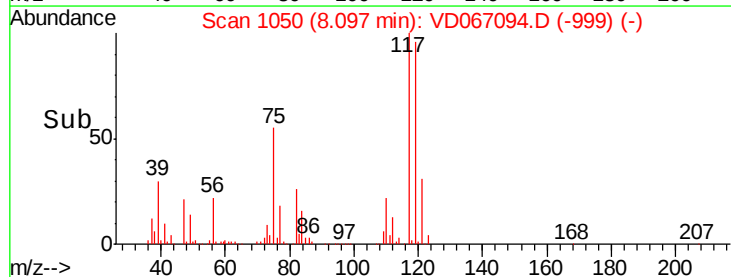
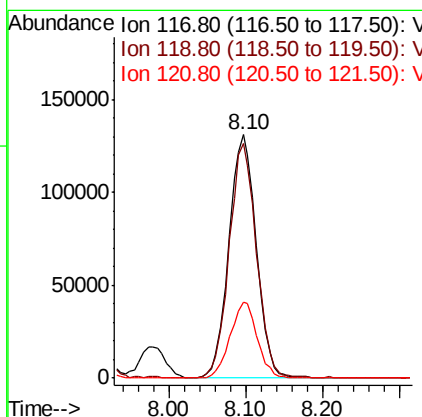
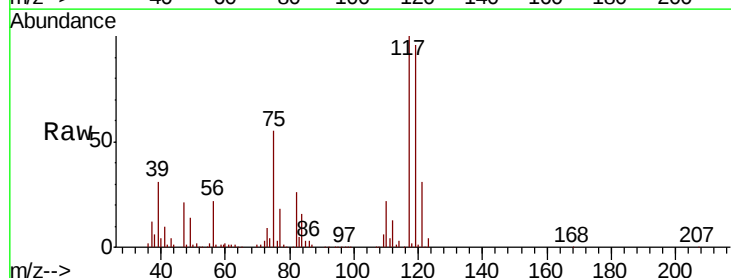
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

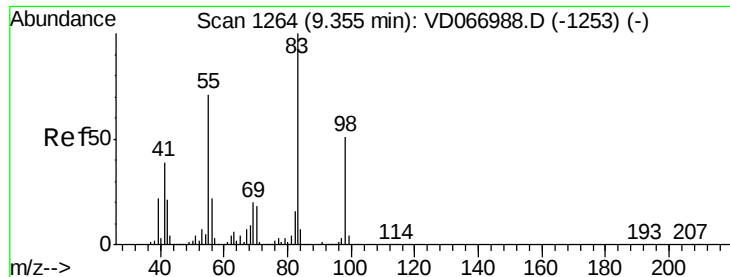
Tot Ion: 43 Resp: 101612  
Ion Ratio Lower Upper  
43 100  
61 12.7 12.5 18.7  
70 12.4 9.4 14.0



#38  
Carbon Tetrachloride  
Concen: 53.399 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Tgt Ion: 117 Resp: 324749  
Ion Ratio Lower Upper  
117 100  
119 96.4 78.7 118.1  
121 31.3 24.2 36.2

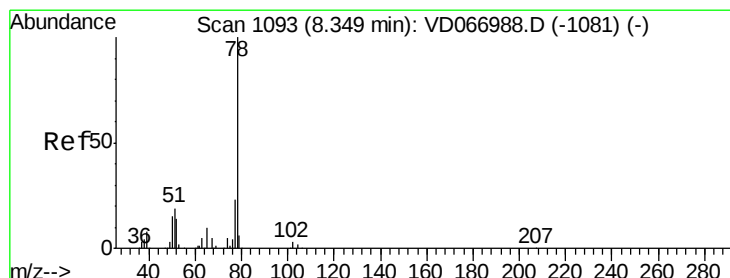
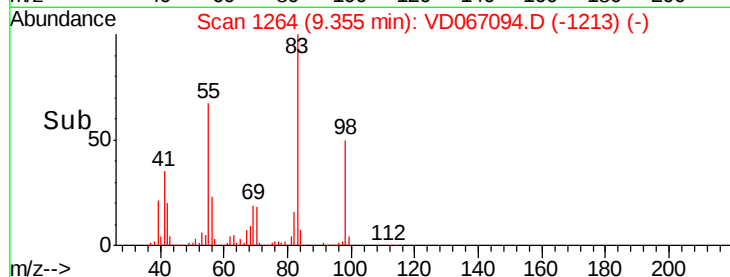
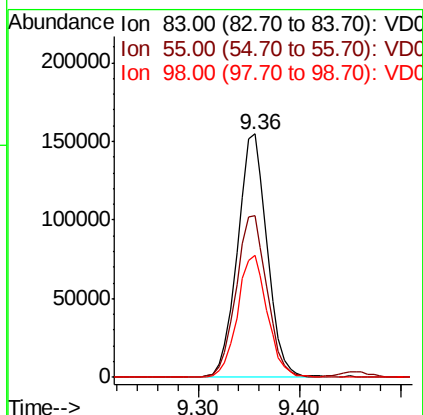
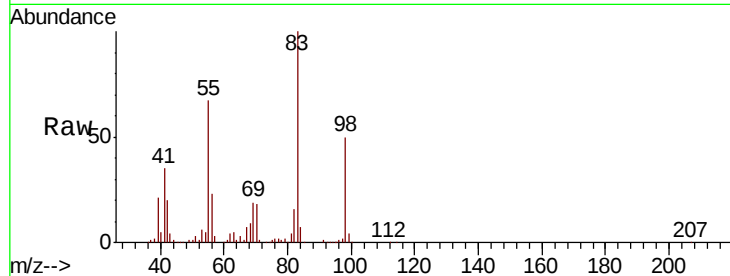




#39  
Methylvlcyclohexane  
Concen: 52.709 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

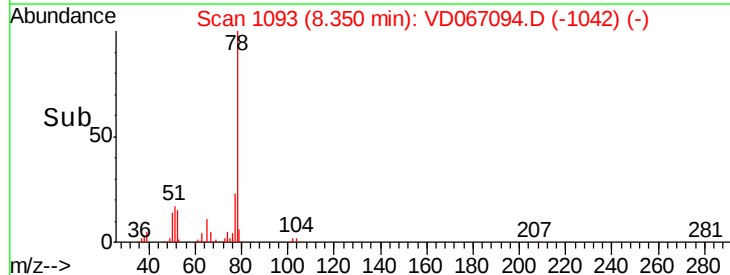
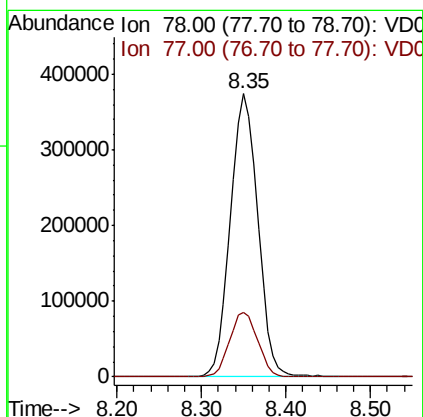
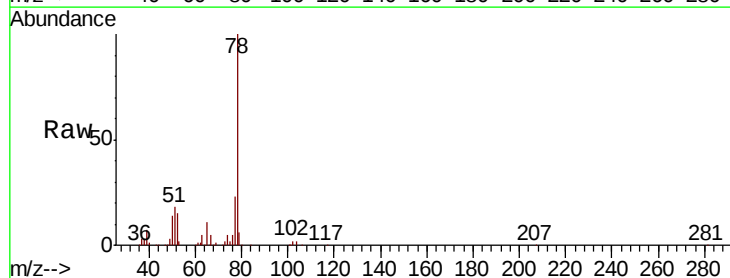
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

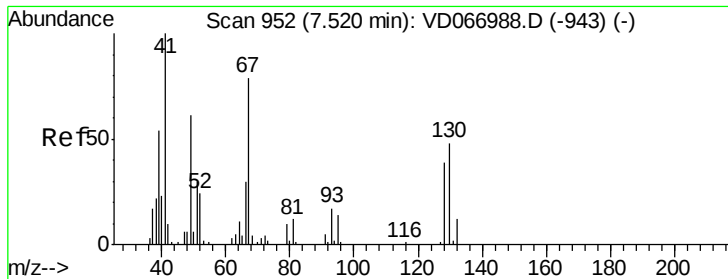
Tot Ion: 83 Resp: 313225  
Ion Ratio Lower Upper  
83 100  
55 66.6 57.1 85.7  
98 50.3 40.9 61.3



#40  
Benzene  
Concen: 53.738 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Tgt Ion: 78 Resp: 838956  
Ion Ratio Lower Upper  
78 100  
77 22.9 18.4 27.6

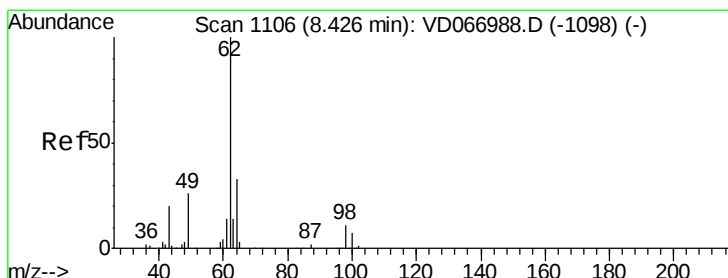
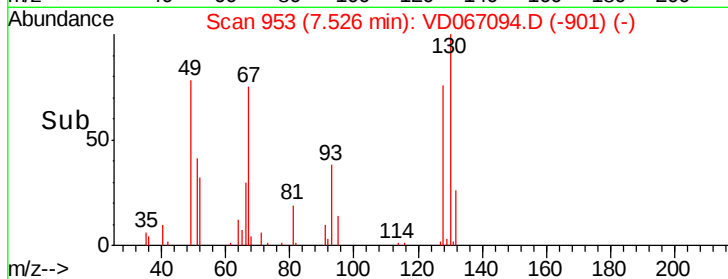
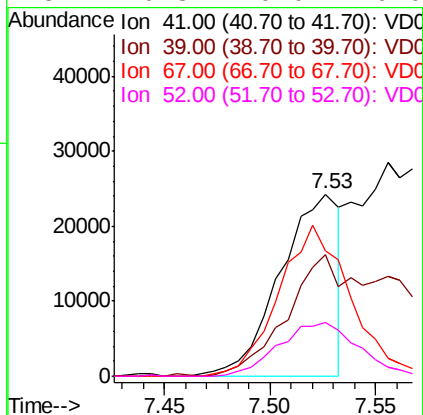
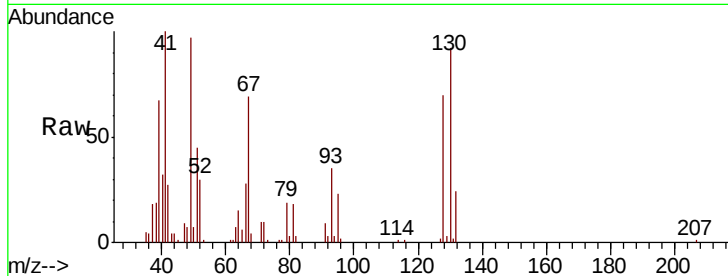




#41  
Methacrylonitrile  
Concen: 45.265 ug/l  
RT: 7.53 min Scan# 953  
Delta R.T. 0.01 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

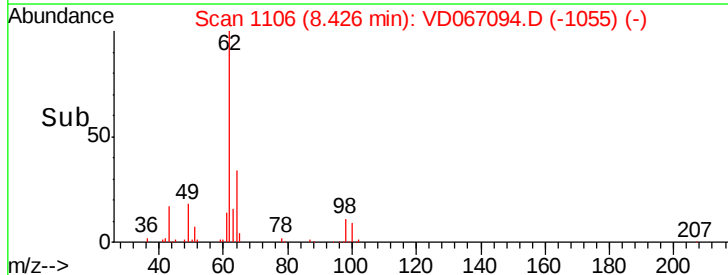
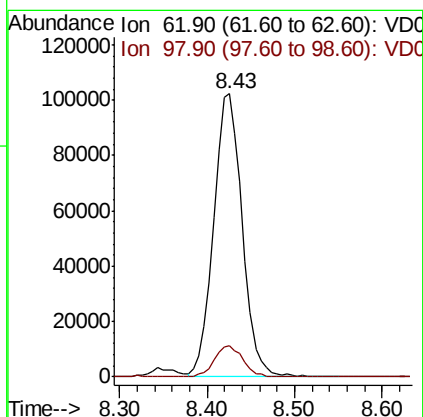
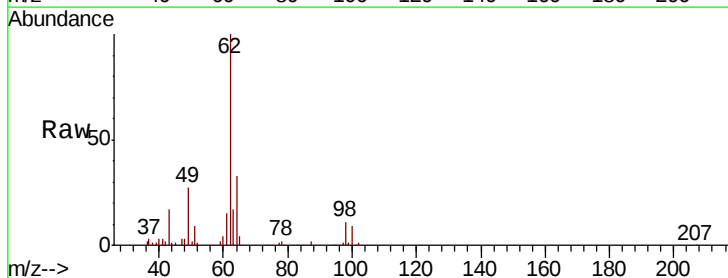
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

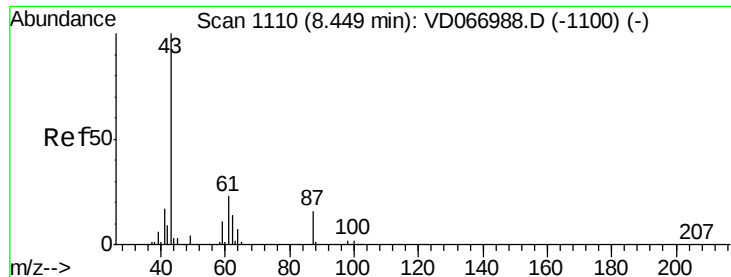
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 47617 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 76.4  | 0.0   | 0.0#  |
| 67       | 100.5 | 0.0   | 0.0#  |
| 52       | 40.3  | 0.0   | 0.0#  |



#42  
1,2-Dichloroethane  
Concen: 53.050 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 231429 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 11.0  | 0.0   | 22.6   |





#43

Isopropyl Acetate

Concen: 52.875 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

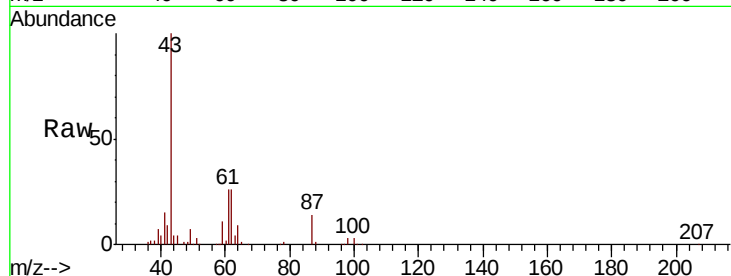
Tot Ion: 43 Resp: 189670

Ion Ratio Lower Upper

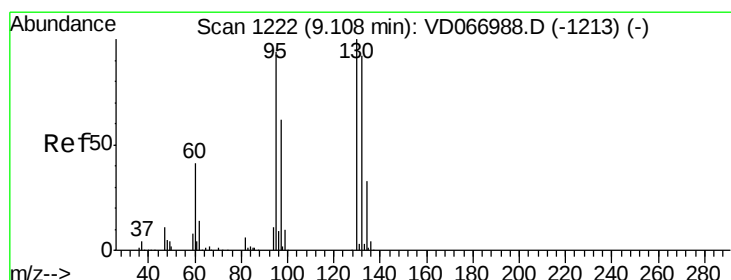
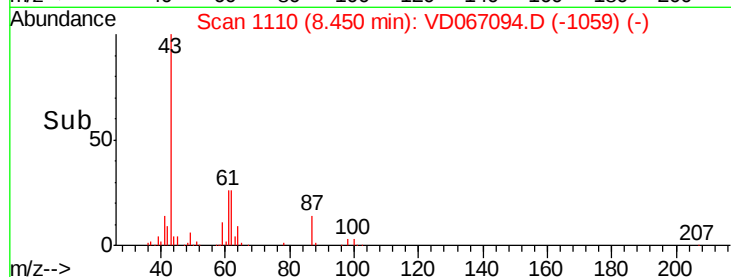
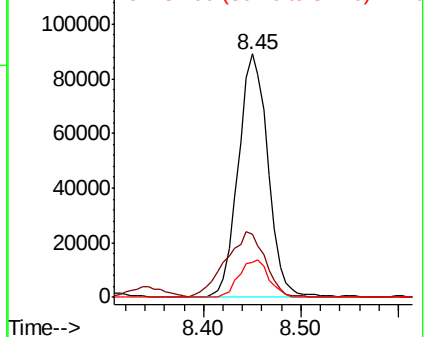
43 100

61 35.7 27.1 40.7

87 15.6 12.3 18.5



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: 53.974 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067094.D

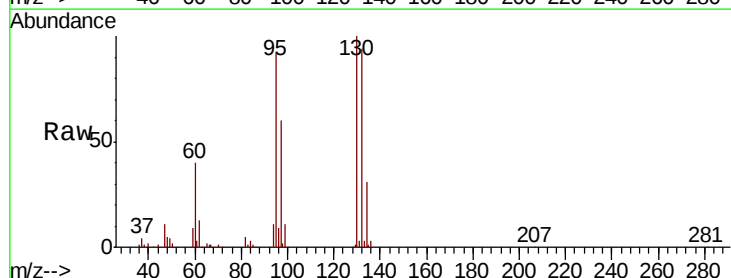
Acq: 05 Oct 2020 20:04

Tgt Ion:130 Resp: 251619

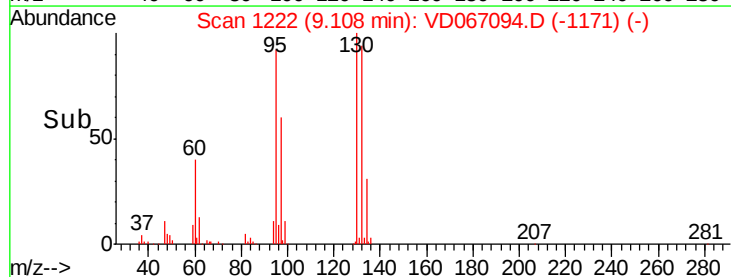
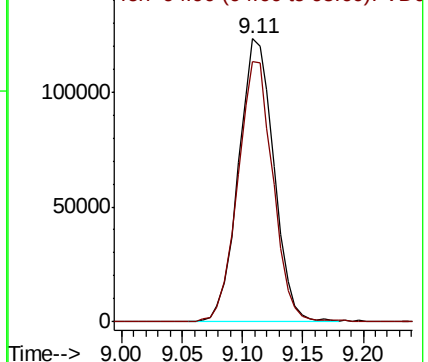
Ion Ratio Lower Upper

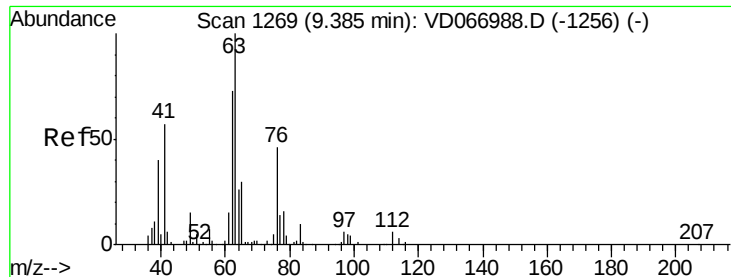
130 100

95 91.9 0.0 187.8



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

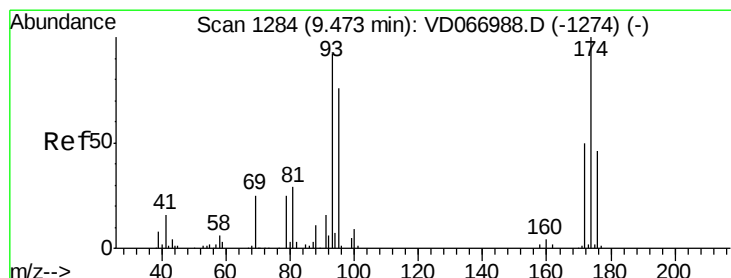
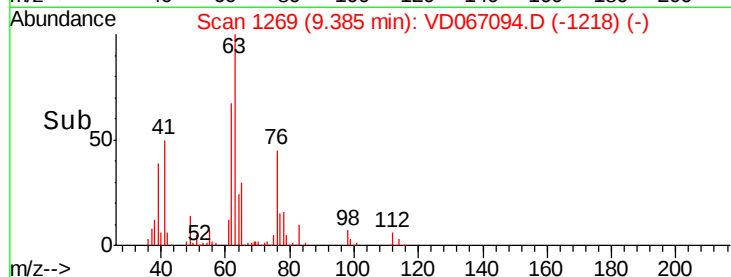
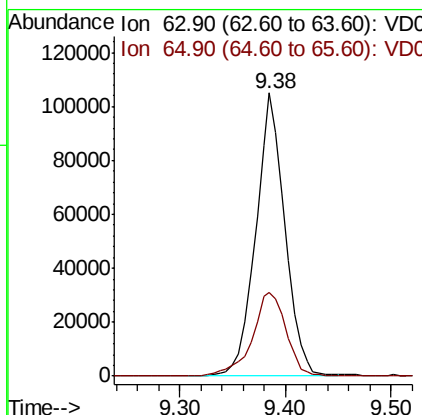
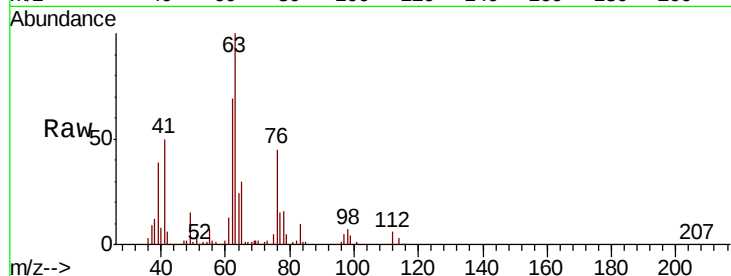




#45  
 1,2-Dichloropropane  
 Concen: 54.876 ug/l  
 RT: 9.38 min Scan# 1269  
 Delta R.T. 0.00 min  
 Lab File: VD067094.D  
 Acq: 05 Oct 2020 20:04

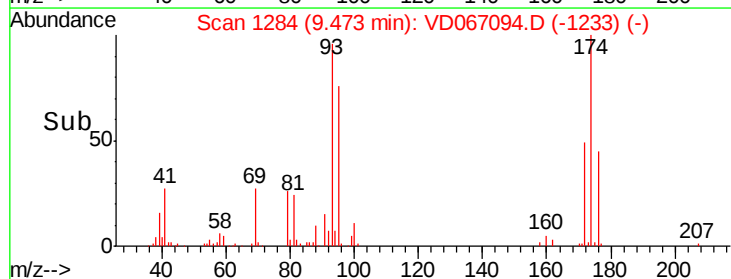
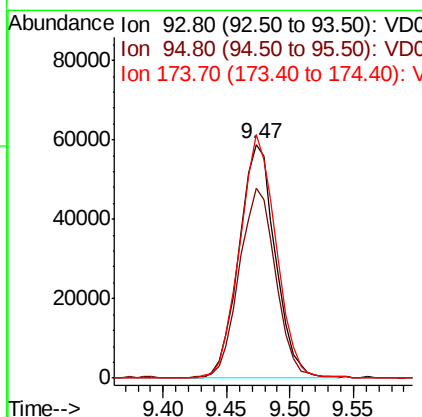
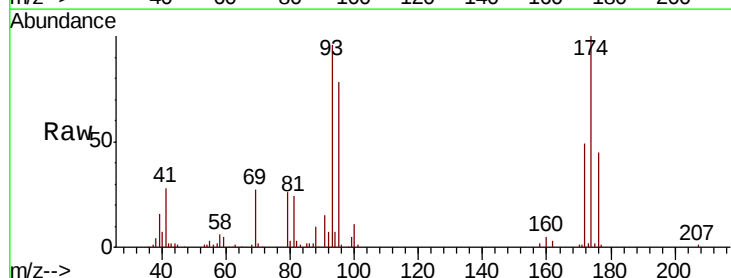
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

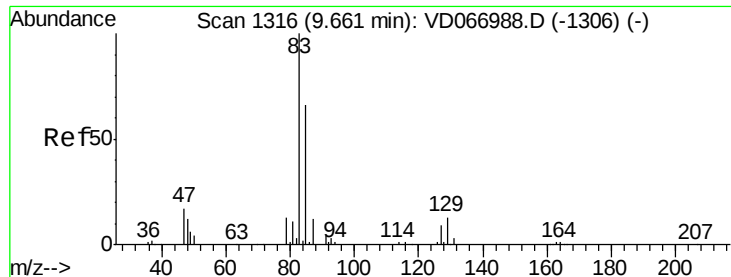
Tot Ion: 63 Resp: 201297  
 Ion Ratio Lower Upper  
 63 100  
 65 29.8 23.7 35.5



#46  
 Dibromomethane  
 Concen: 55.659 ug/l  
 RT: 9.47 min Scan# 1284  
 Delta R.T. 0.00 min  
 Lab File: VD067094.D  
 Acq: 05 Oct 2020 20:04

Tgt Ion: 93 Resp: 117347  
 Ion Ratio Lower Upper  
 93 100  
 95 81.6 64.7 97.1  
 174 104.7 81.4 122.2





#47

Bromodichloromethane

Concen: 55.705 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

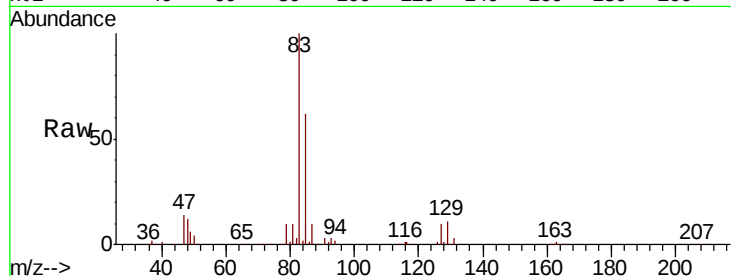
Tot Ion: 83 Resp: 305288

Ion Ratio Lower Upper

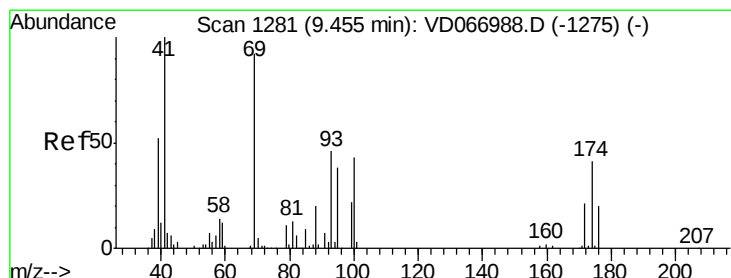
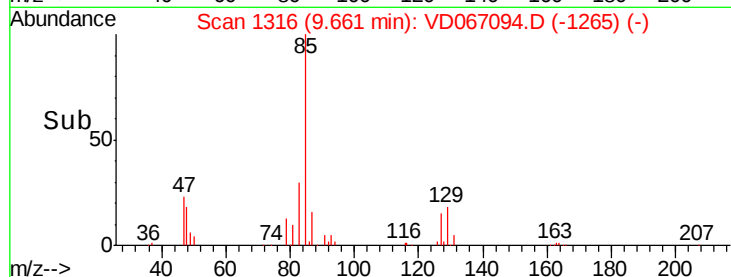
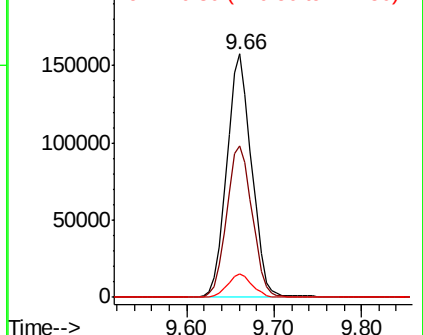
83 100

85 62.2 52.9 79.3

127 9.6 7.3 10.9



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



#48

Methyl methacrylate

Concen: 49.151 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

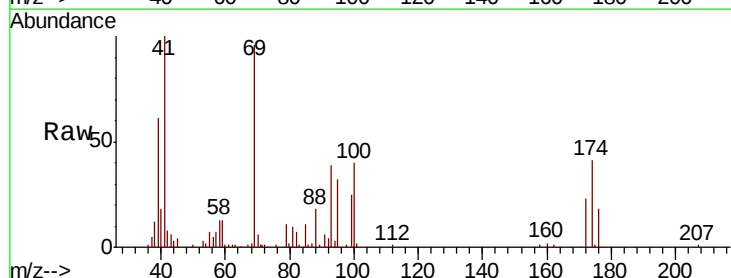
Tgt Ion: 41 Resp: 90327

Ion Ratio Lower Upper

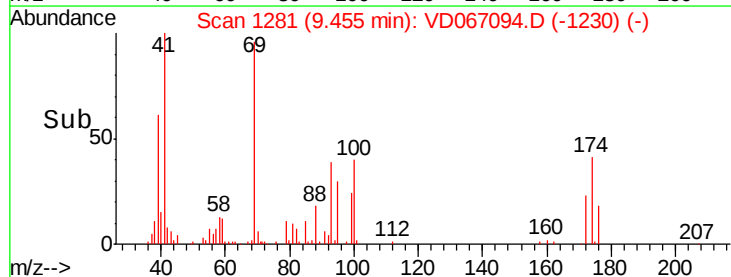
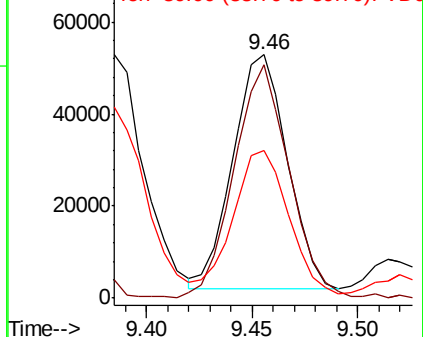
41 100

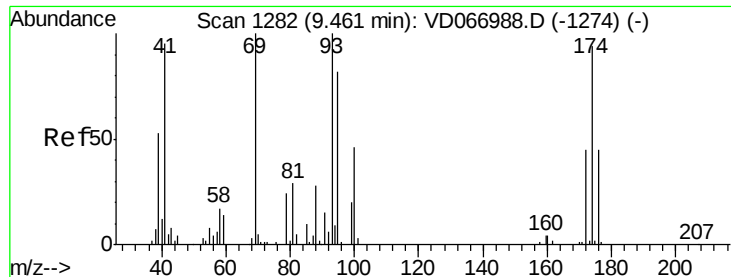
69 100.5 68.5 102.7

39 66.8 40.2 60.2#



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: 984.861 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

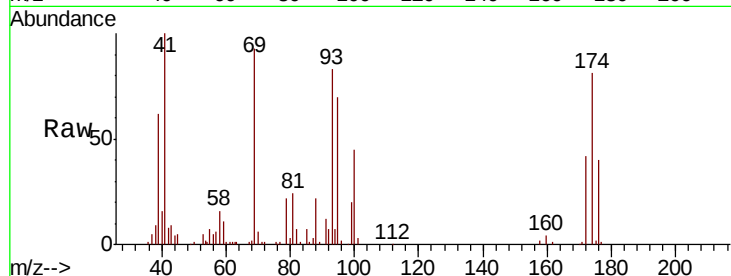
Tot Ion: 88 Resp: 21671

Ion Ratio Lower Upper

88 100

43 34.7 25.6 38.4

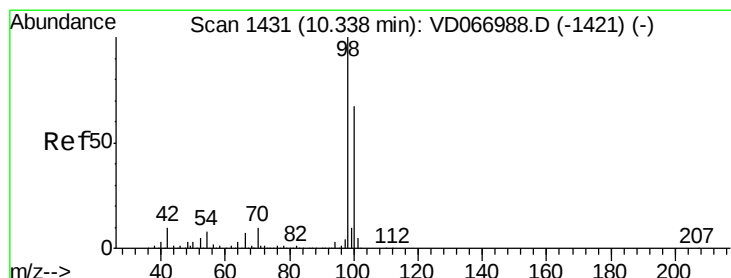
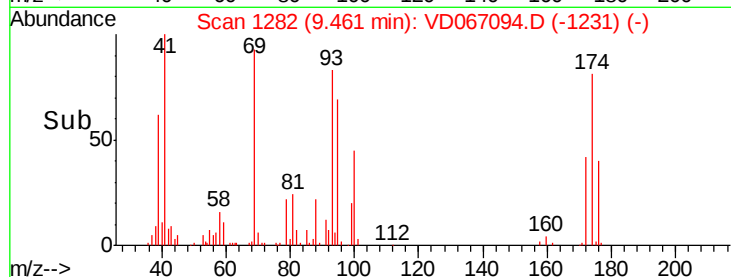
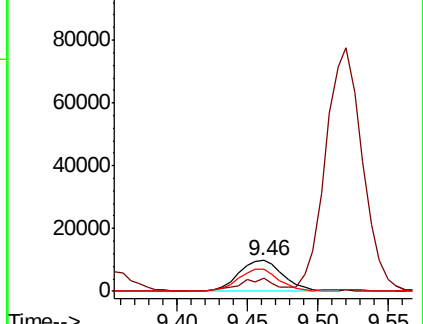
58 67.6 53.5 80.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 54.010 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067094.D

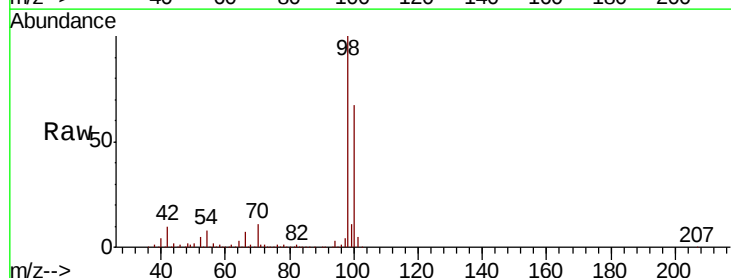
Acq: 05 Oct 2020 20:04

Tgt Ion: 98 Resp: 776961

Ion Ratio Lower Upper

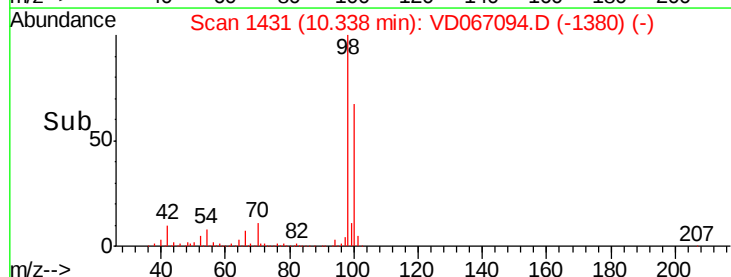
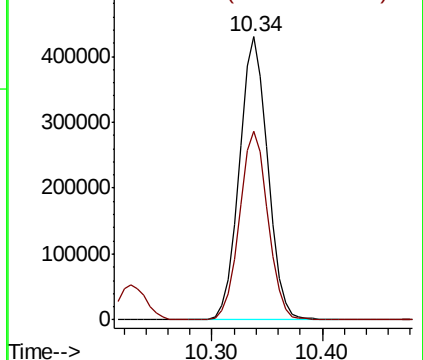
98 100

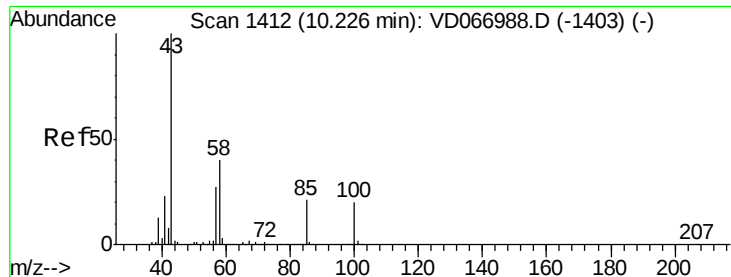
100 66.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

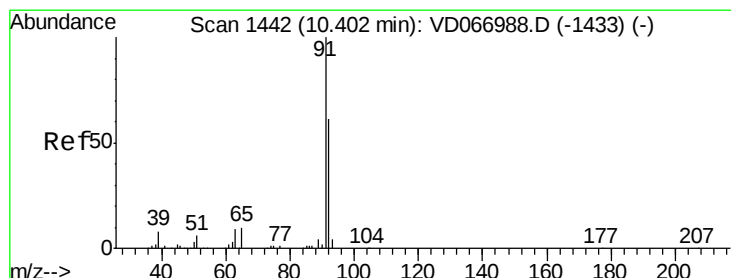
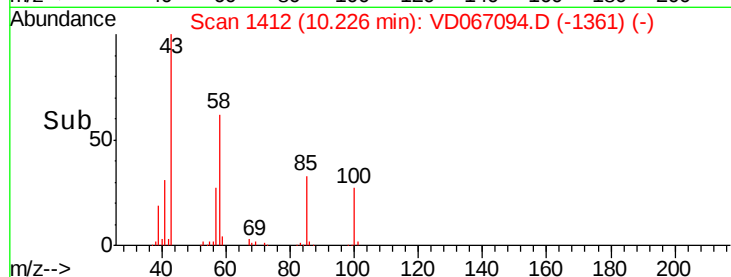
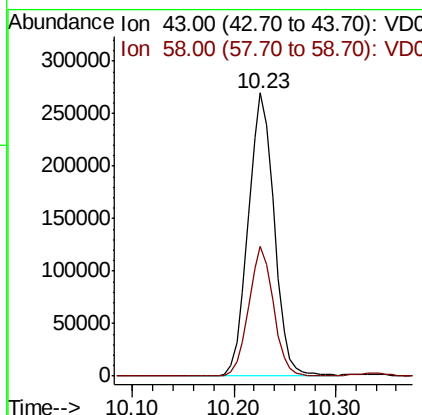
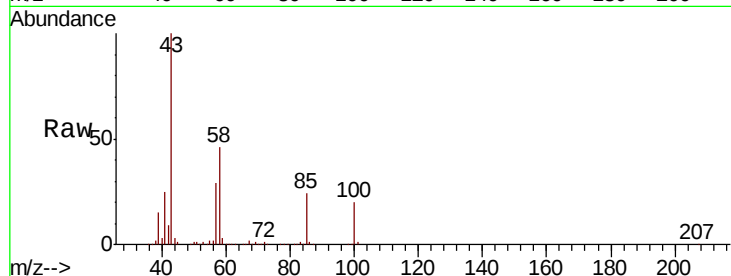




#51  
4-Methyl-2-Pentanone  
Concen: 268.494 ug/l  
RT: 10.23 min Scan# 1412  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

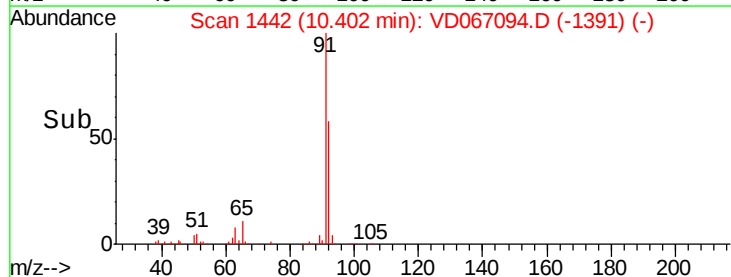
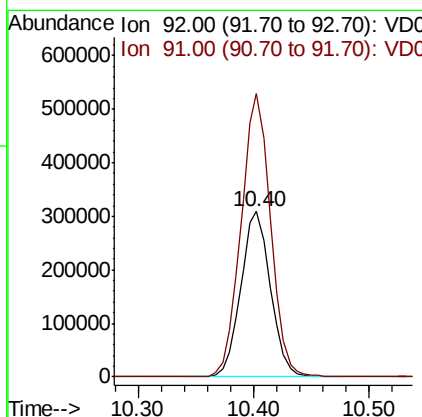
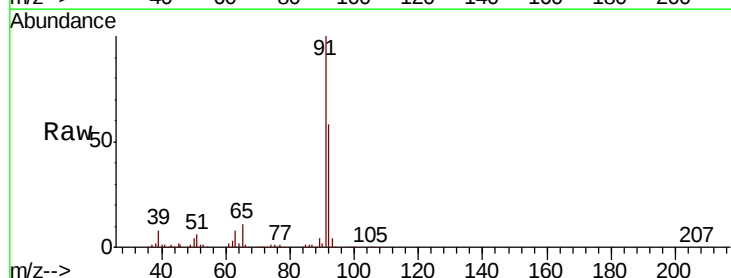
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

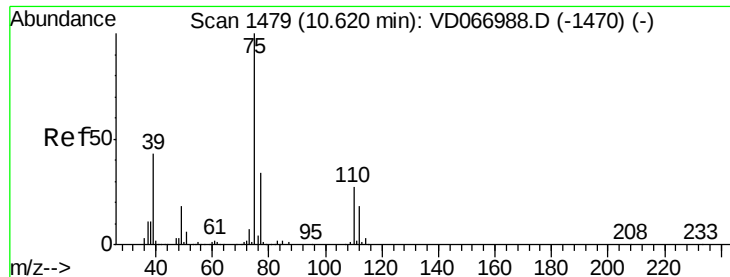
Tot Ion: 43 Resp: 479732  
Ion Ratio Lower Upper  
43 100  
58 43.8 33.8 50.8



#52  
Toluene  
Concen: 54.721 ug/l  
RT: 10.40 min Scan# 1442  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Tgt Ion: 92 Resp: 550317  
Ion Ratio Lower Upper  
92 100  
91 171.1 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 56.064 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

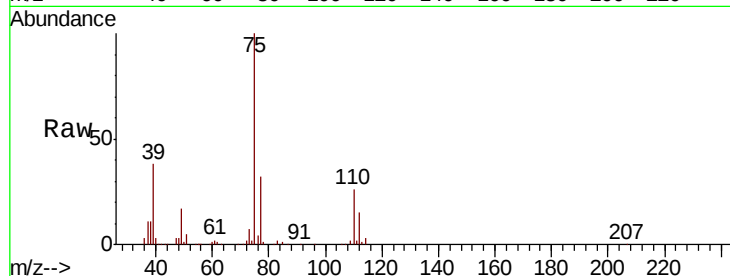
VSTDCCC050EC

Tot Ion: 75 Resp: 274605

Ion Ratio Lower Upper

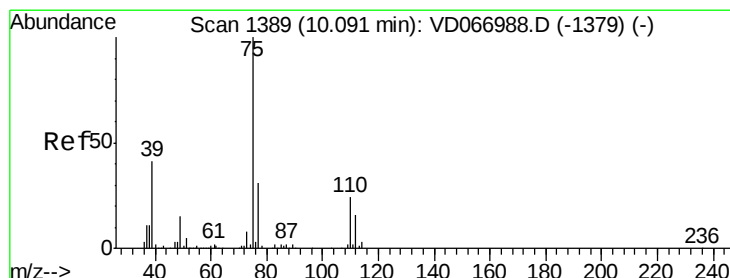
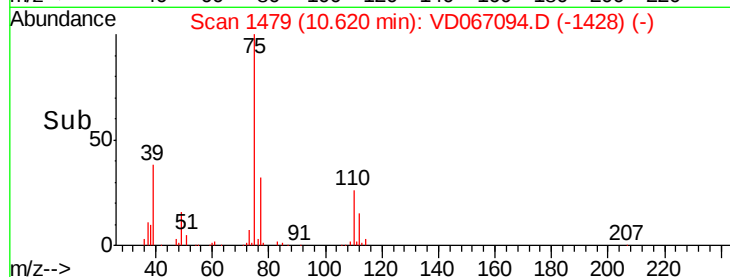
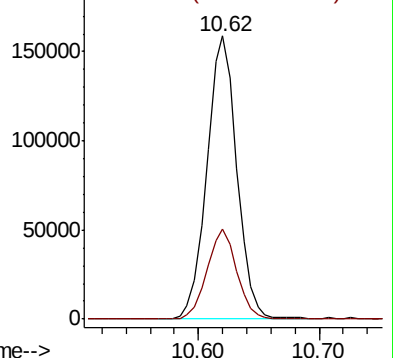
75 100

77 31.7 27.1 40.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 54.421 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

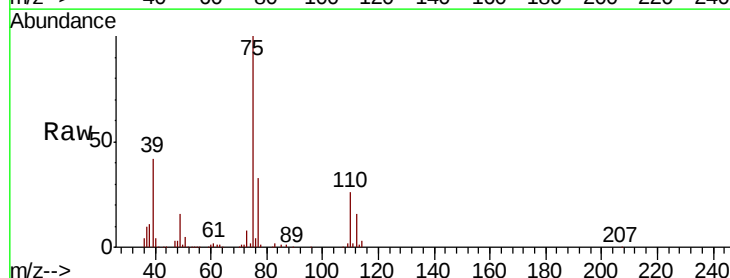
Tgt Ion: 75 Resp: 325498

Ion Ratio Lower Upper

75 100

77 32.5 24.6 37.0

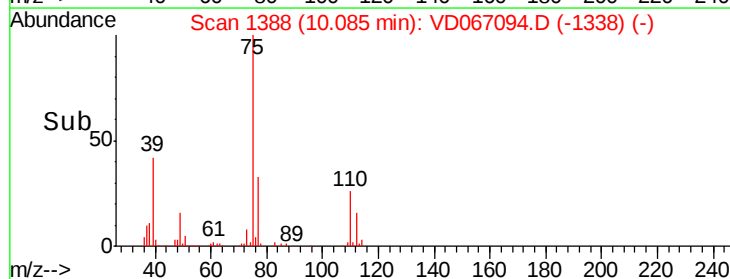
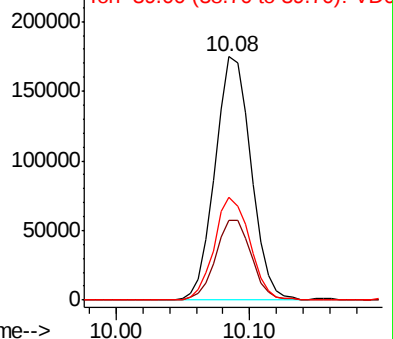
39 41.9 33.0 49.4

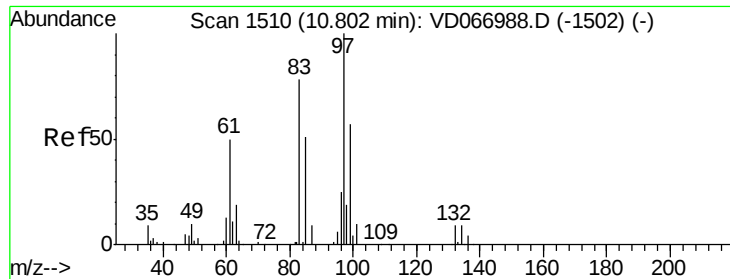


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

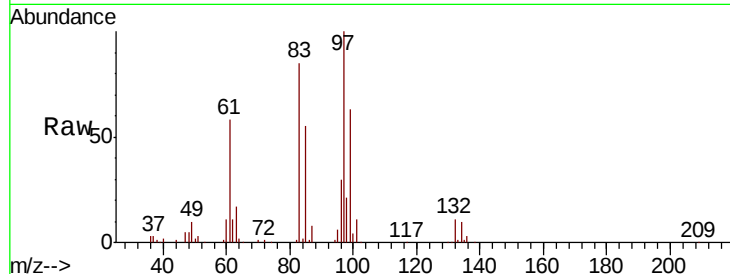




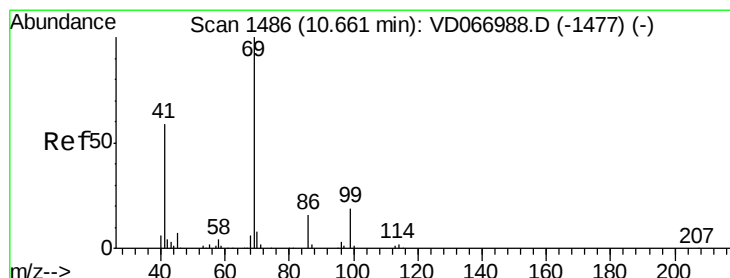
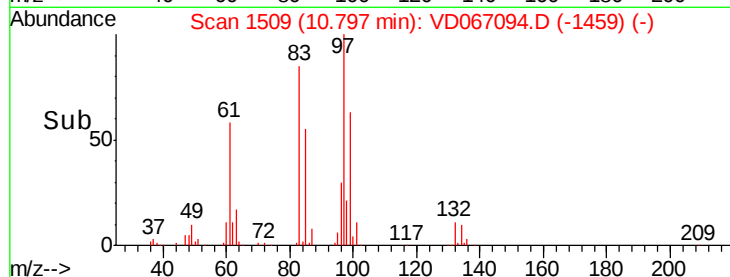
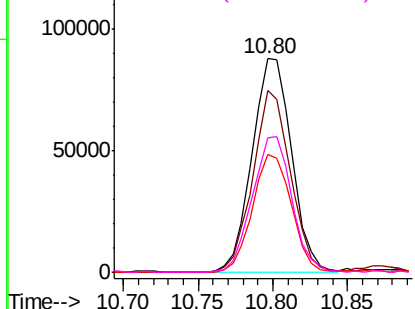
#55  
 1,1,2-Trichloroethane  
 Concen: 54.905 ug/l  
 RT: 10.80 min Scan# 1509  
 Delta R.T. -0.01 min  
 Lab File: VD067094.D  
 Acq: 05 Oct 2020 20:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 160937 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.2  | 62.4  | 93.6   |
| 85       | 54.9  | 41.0  | 61.4   |
| 99       | 62.8  | 45.9  | 68.9   |

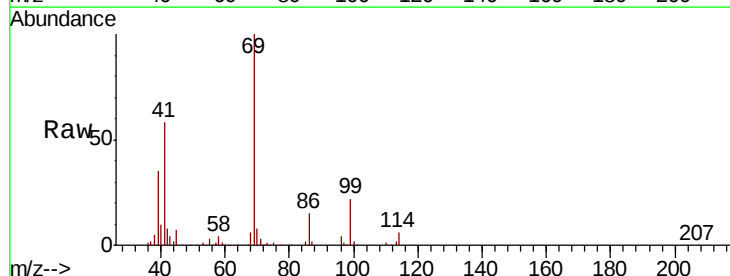


Abundance Ion 96.90 (96.60 to 97.60): VDC  
 Ion 82.90 (82.60 to 83.60): VDC  
 Ion 84.90 (84.60 to 85.60): VDC  
 Ion 98.90 (98.60 to 99.60): VDC

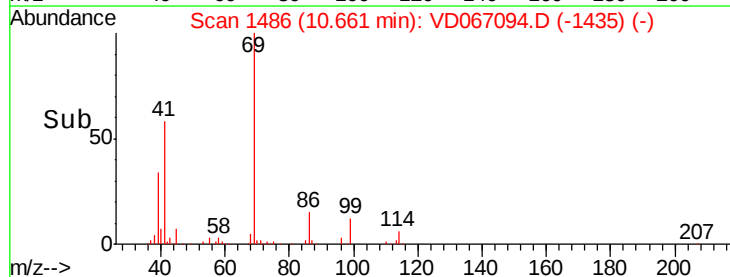
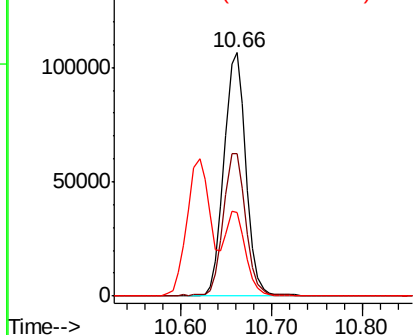


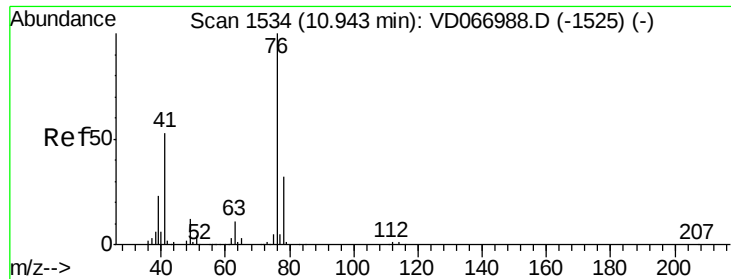
#56  
 Ethyl methacrylate  
 Concen: 58.926 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. 0.00 min  
 Lab File: VD067094.D  
 Acq: 05 Oct 2020 20:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 178328 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.4  | 46.4  | 69.6   |
| 39       | 30.8  | 23.8  | 35.6   |



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

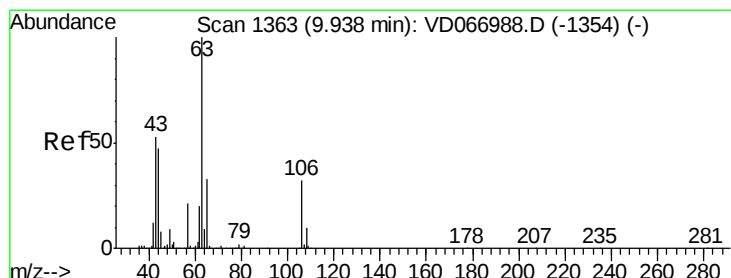
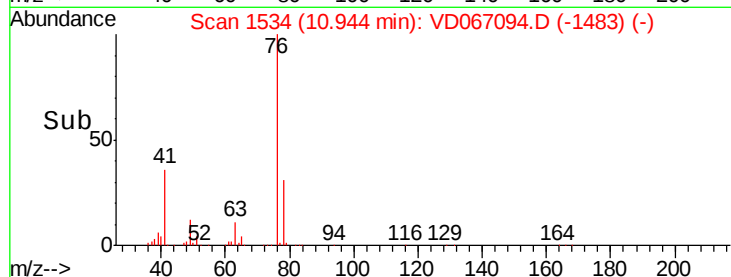
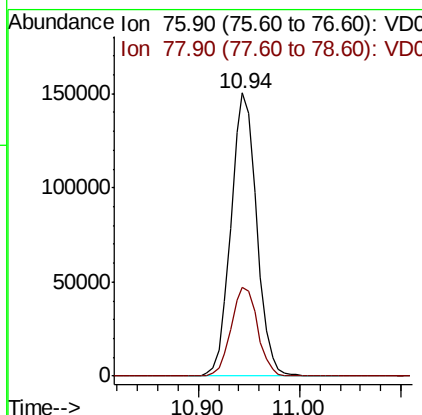
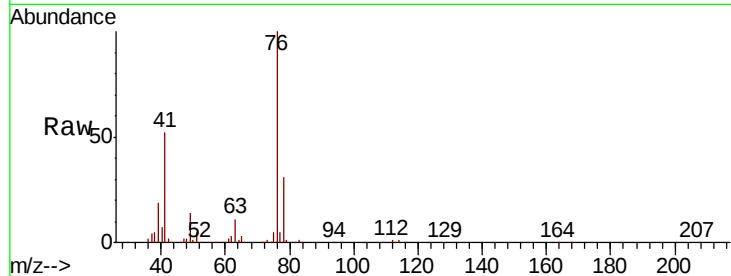




#57  
 1,3-Dichloropropane  
 Concen: 55.809 ug/l  
 RT: 10.94 min Scan# 1534  
 Delta R.T. 0.00 min  
 Lab File: VD067094.D  
 Acq: 05 Oct 2020 20:04

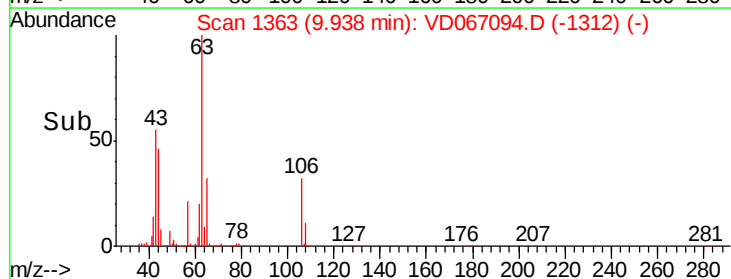
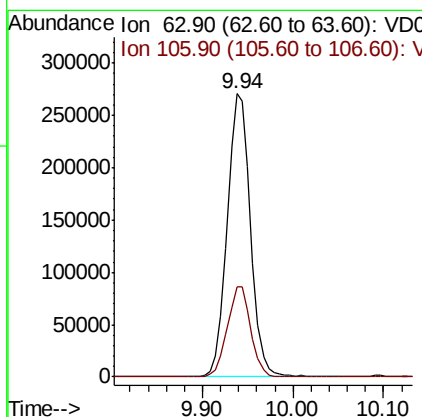
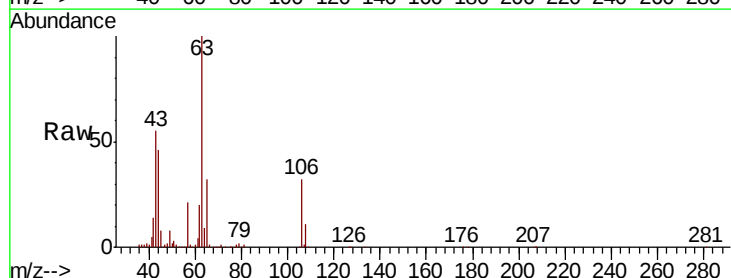
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

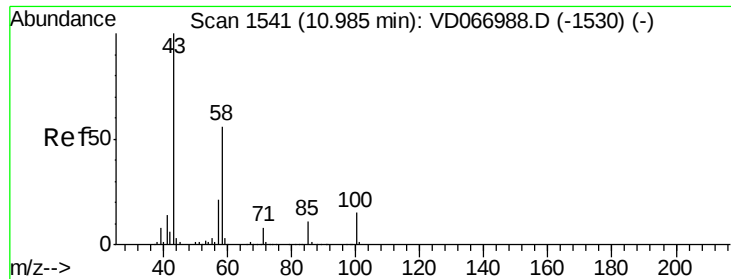
Tot Ion: 76 Resp: 265275  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 25.8 38.8



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 285.536 ug/l  
 RT: 9.94 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: VD067094.D  
 Acq: 05 Oct 2020 20:04

Tgt Ion: 63 Resp: 480951  
 Ion Ratio Lower Upper  
 63 100  
 106 32.2 25.3 37.9

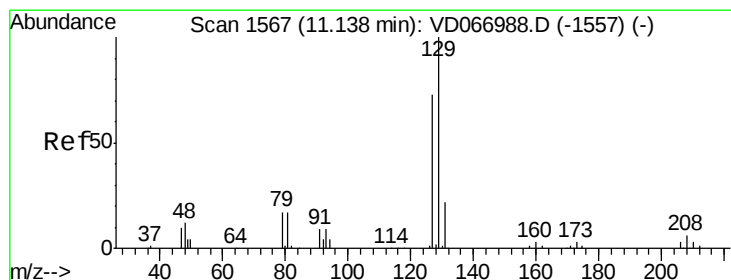
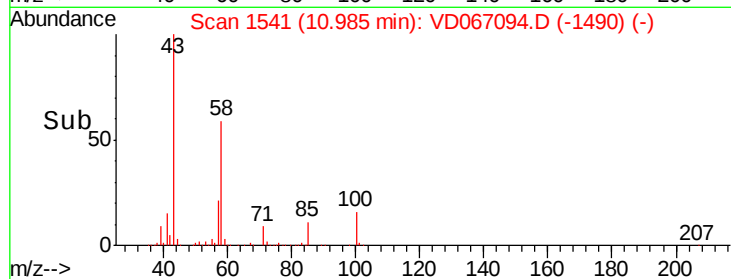
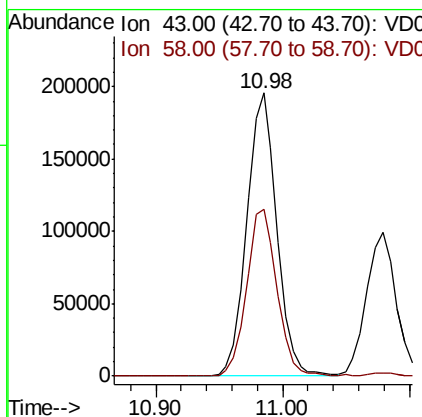
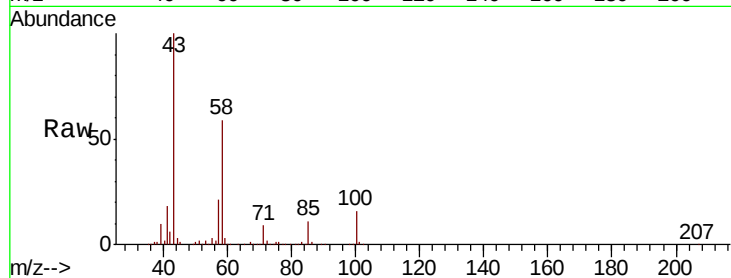




#59  
2-Hexanone  
Concen: 270.593 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

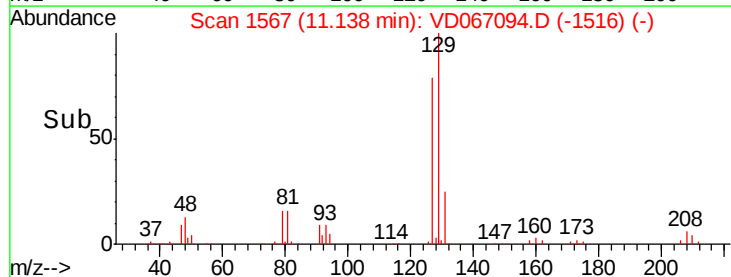
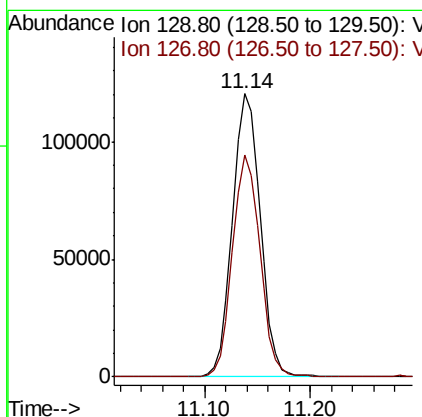
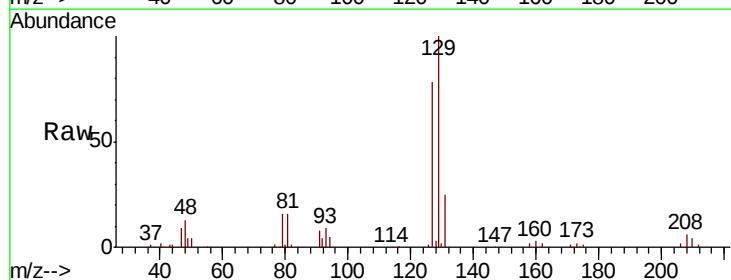
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

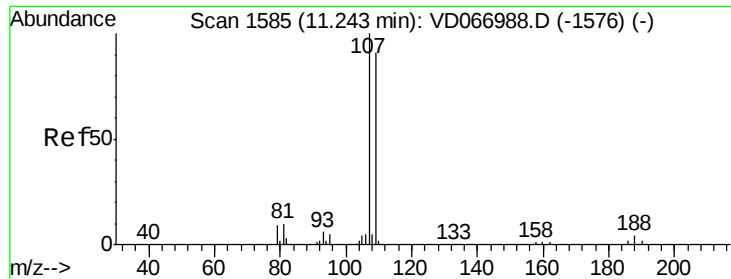
Tot Ion: 43 Resp: 322696  
Ion Ratio Lower Upper  
43 100  
58 59.5 28.3 84.9



#60  
Dibromochloromethane  
Concen: 55.982 ug/l  
RT: 11.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Tgt Ion: 129 Resp: 218709  
Ion Ratio Lower Upper  
129 100  
127 77.7 37.4 112.1





#61

1,2-Dibromoethane

Concen: 56.006 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

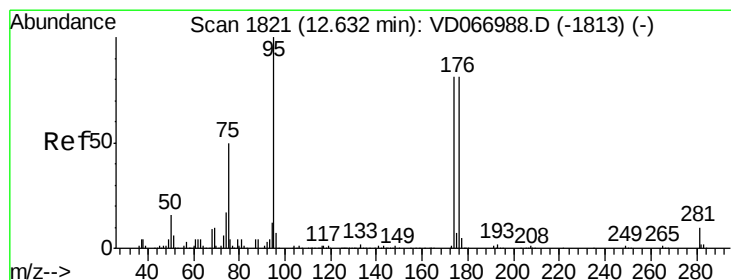
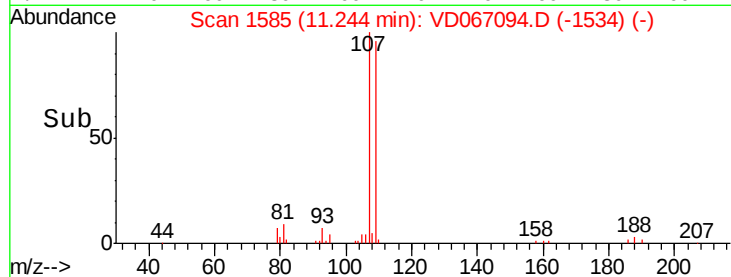
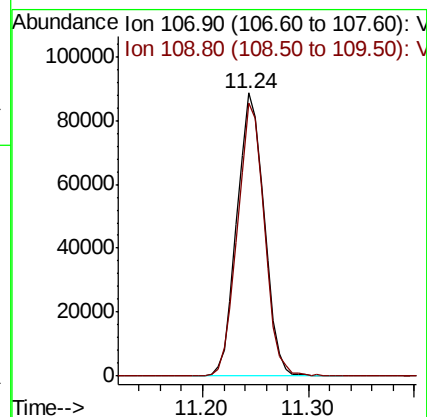
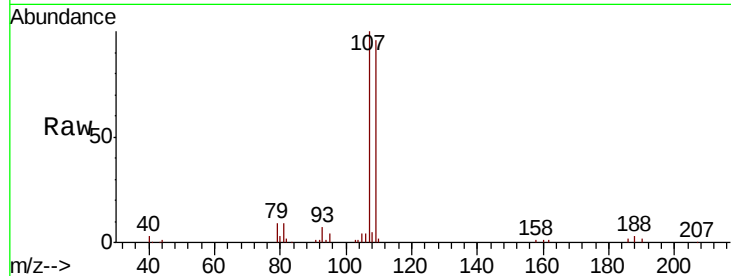
VSTDCCC050EC

Tot Ion:107 Resp: 157718

Ion Ratio Lower Upper

107 100

109 95.2 74.0 111.0



#62

4-Bromofluorobenzene

Concen: 55.776 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

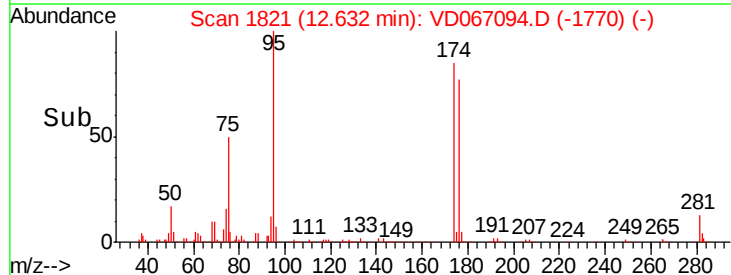
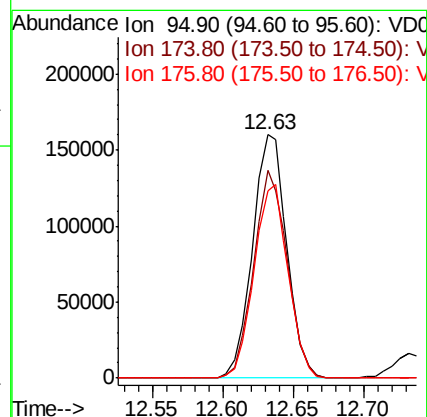
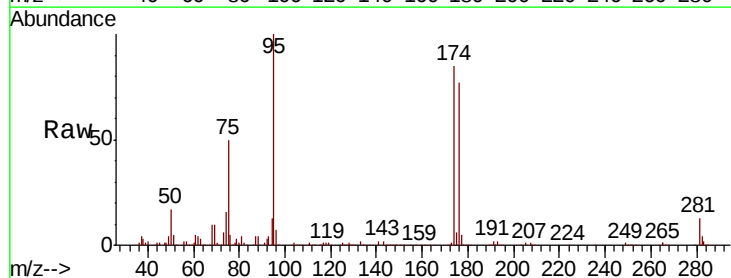
Tgt Ion: 95 Resp: 272385

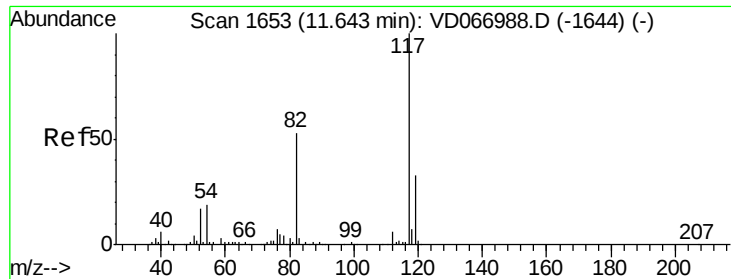
Ion Ratio Lower Upper

95 100

174 83.9 0.0 167.6

176 79.6 0.0 162.4

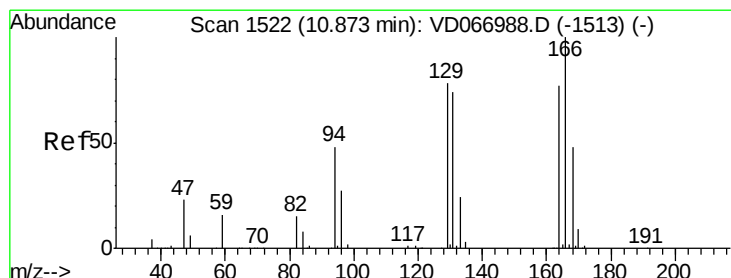
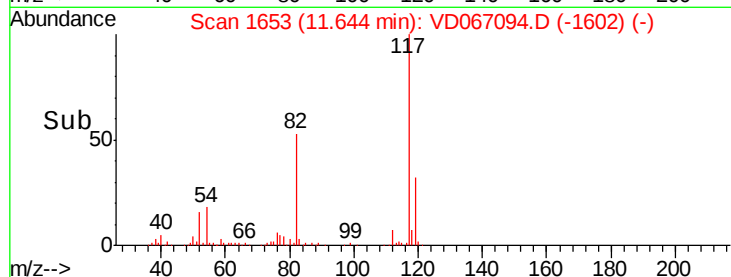
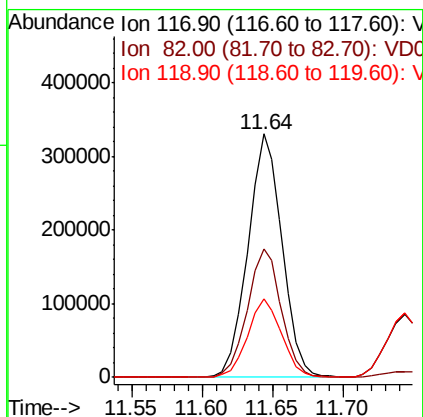
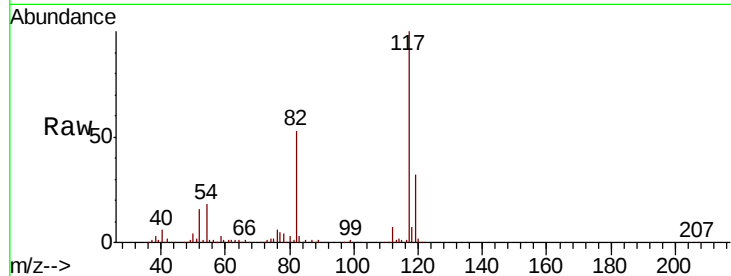




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

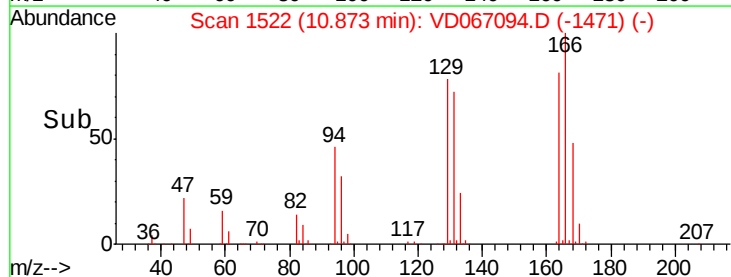
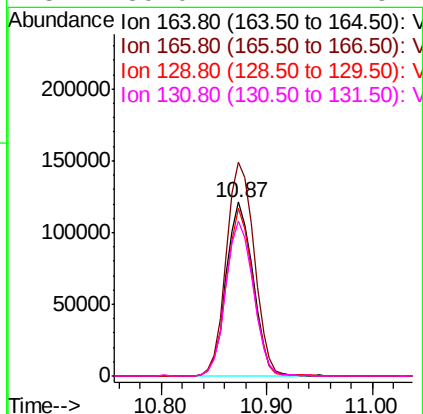
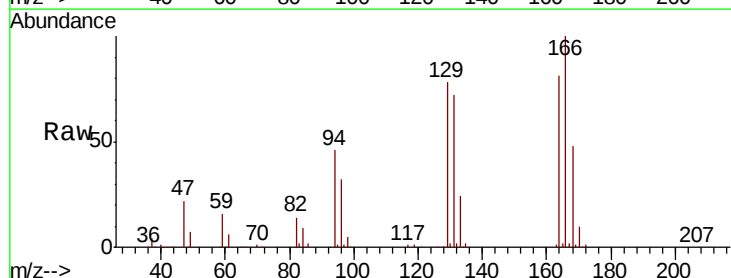
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

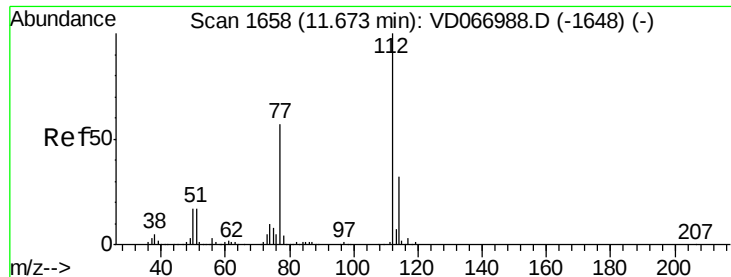
Tot Ion:117 Resp: 560480  
Ion Ratio Lower Upper  
117 100  
82 52.6 42.6 63.8  
119 32.3 26.3 39.5



#64  
Tetrachloroethene  
Concen: 52.592 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Tgt Ion:164 Resp: 214295  
Ion Ratio Lower Upper  
164 100  
166 122.8 104.4 156.6  
129 96.3 81.3 121.9  
131 89.0 77.1 115.7

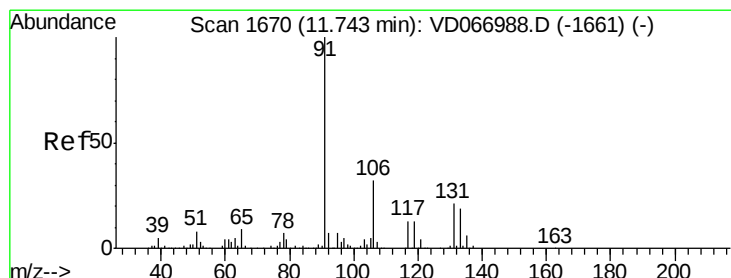
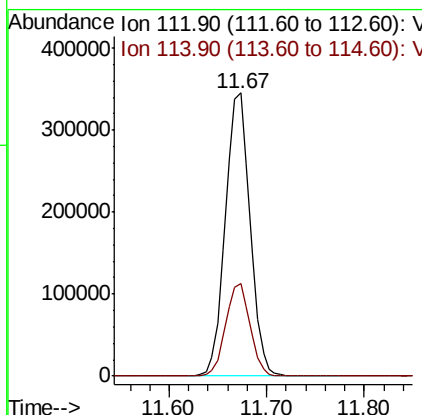
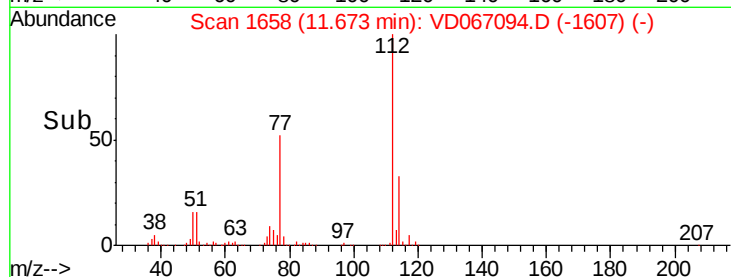
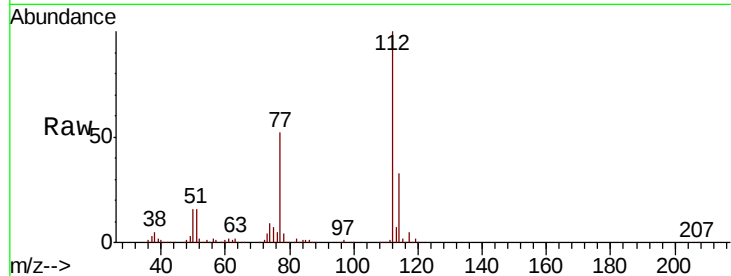




#65  
Chlorobenzene  
Concen: 54.443 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

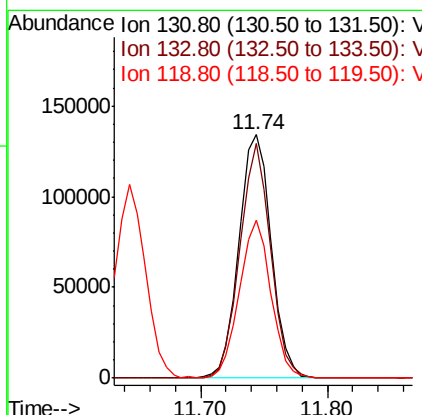
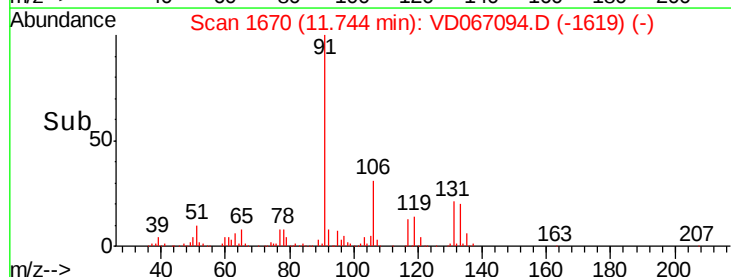
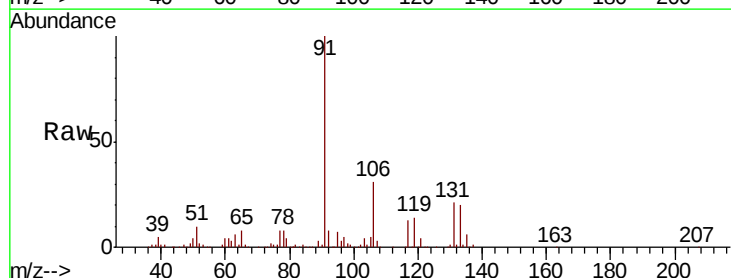
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

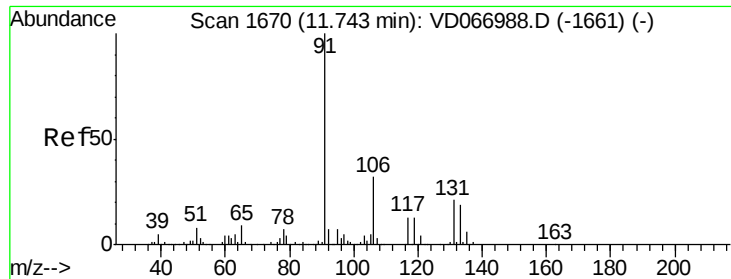
Tot Ion:112 Resp: 606887  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 56.000 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Tgt Ion:131 Resp: 237455  
Ion Ratio Lower Upper  
131 100  
133 91.7 47.8 143.3  
119 63.5 32.3 96.8





#67

Ethyl Benzene

Concen: 55.078 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

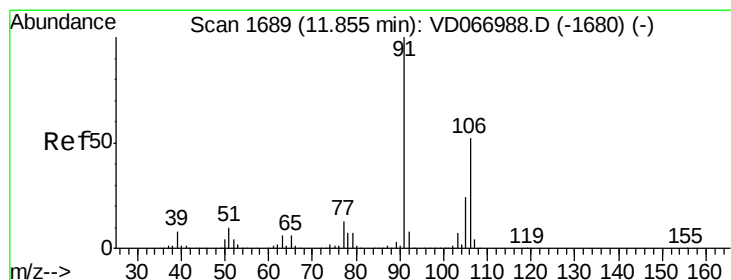
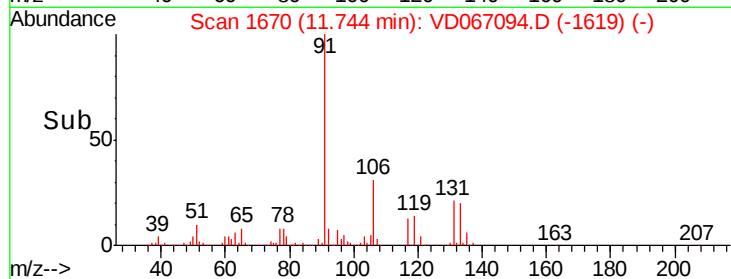
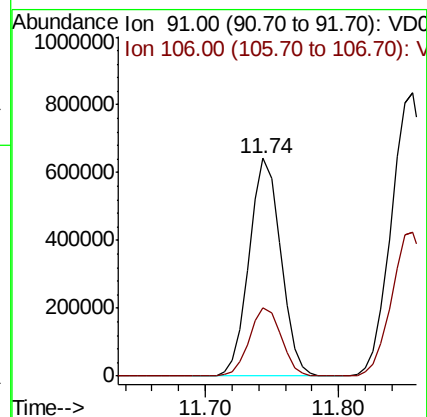
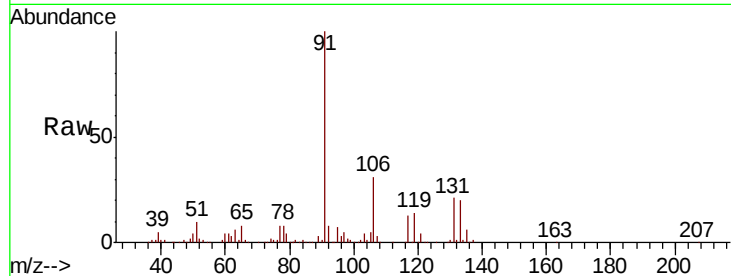
VSTDCCC050EC

Tot Ion: 91 Resp: 1051979

Ion Ratio Lower Upper

91 100

106 31.4 25.4 38.2



#68

m/p-Xylenes

Concen: 109.515 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067094.D

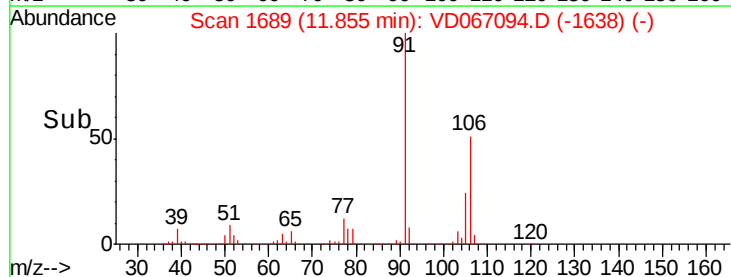
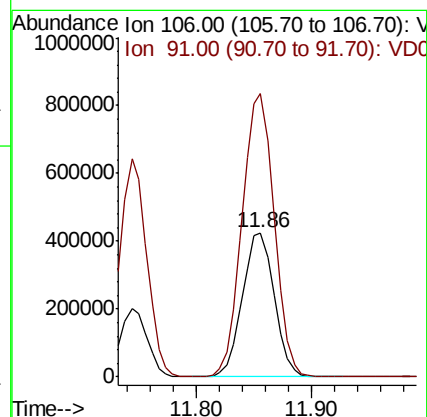
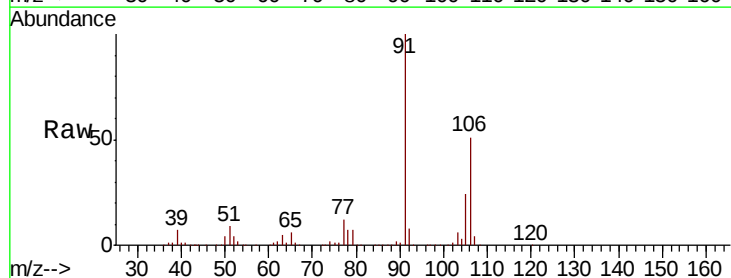
Acq: 05 Oct 2020 20:04

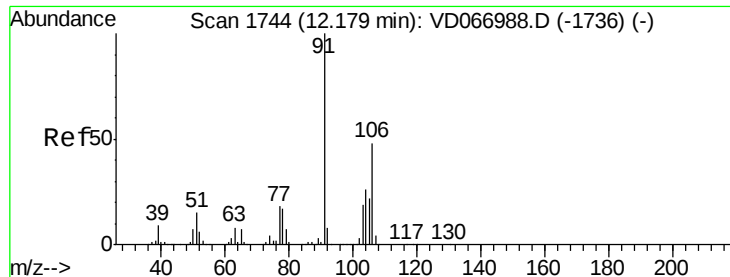
Tgt Ion: 106 Resp: 815165

Ion Ratio Lower Upper

106 100

91 197.8 158.4 237.6





#69

o-Xylene

Concen: 56.465 ug/l

RT: 12.18 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

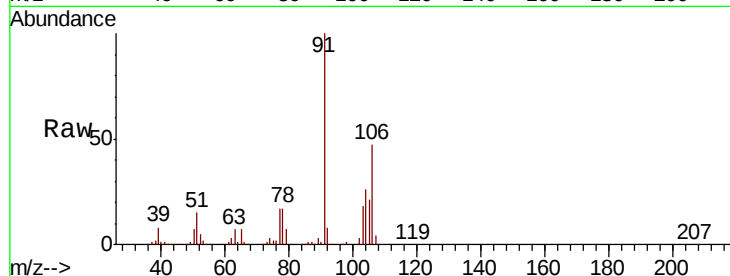
VSTDCCC050EC

Tot Ion:106 Resp: 375849

Ion Ratio Lower Upper

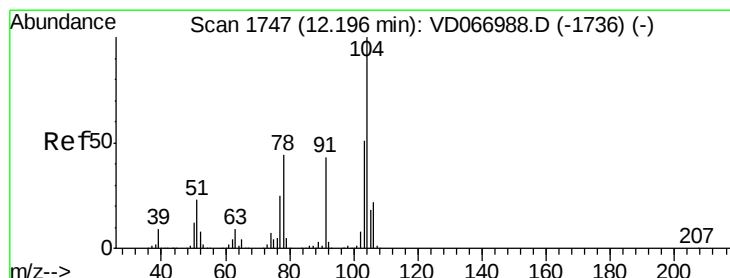
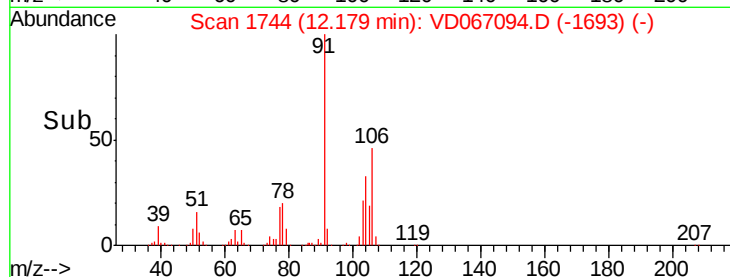
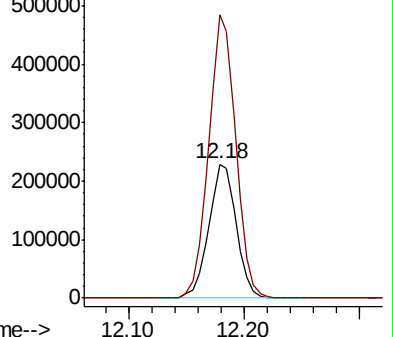
106 100

91 208.7 102.4 307.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#70

Styrene

Concen: 57.031 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

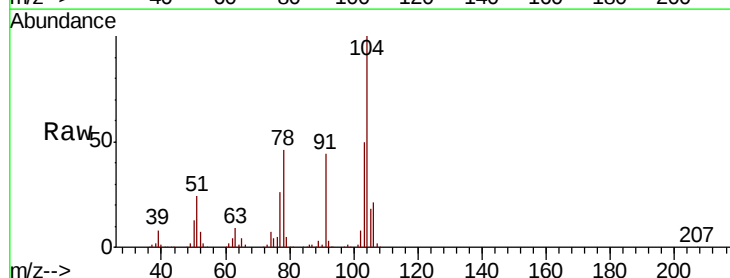
Tgt Ion:104 Resp: 651853

Ion Ratio Lower Upper

104 100

78 48.6 38.6 58.0

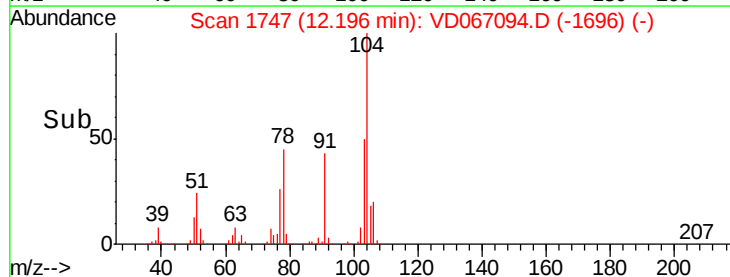
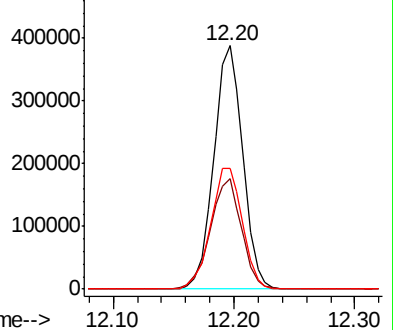
103 54.3 43.4 65.0

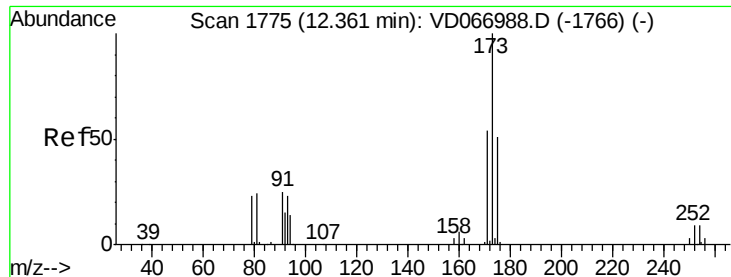


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VDC

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 55.456 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

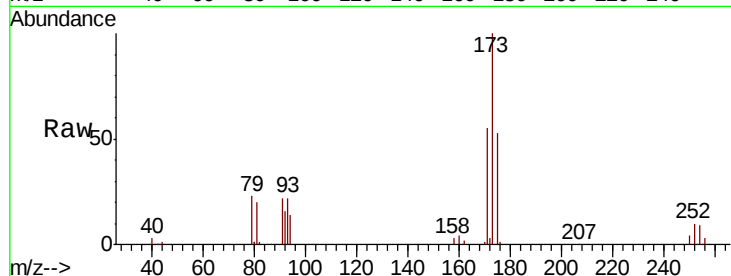
Tot Ion:173 Resp: 122061

Ion Ratio Lower Upper

173 100

175 49.0 24.9 74.7

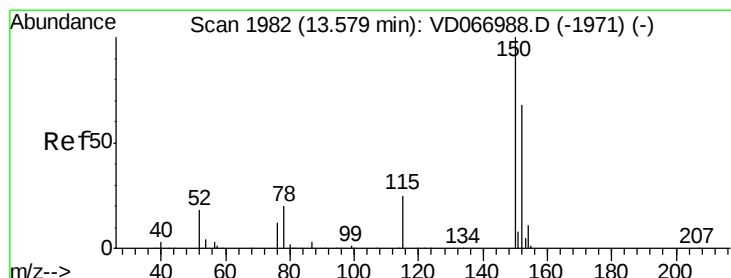
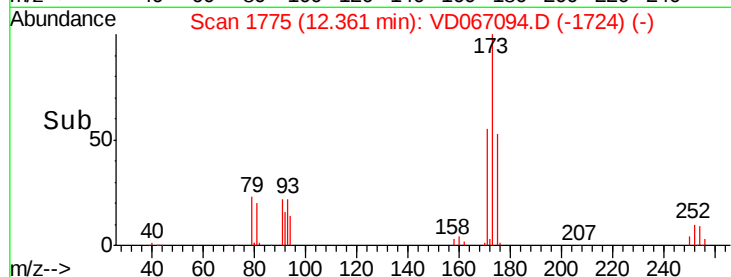
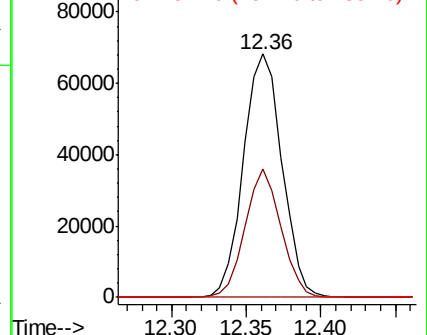
254 0.1 0.2 0.4#



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: VD067094.D

Acq: 05 Oct 2020 20:04

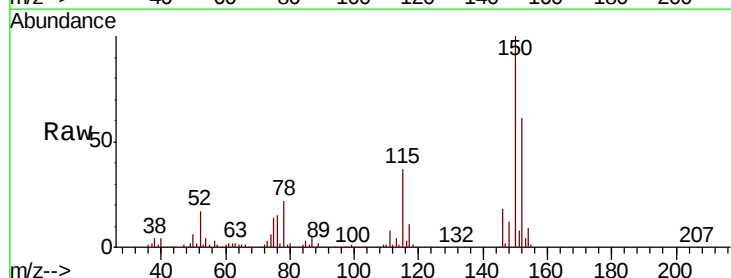
Tgt Ion:152 Resp: 277070

Ion Ratio Lower Upper

152 100

115 58.0 29.6 88.8

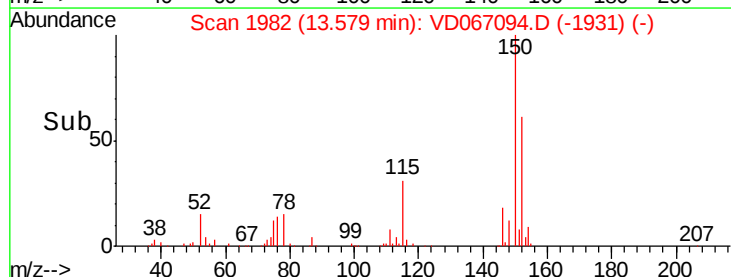
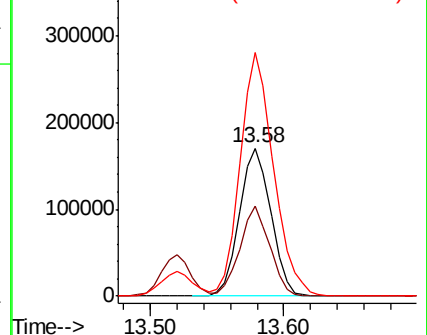
150 175.3 0.0 344.8

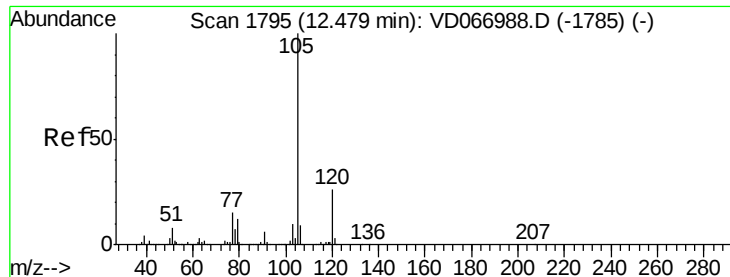


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.996 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

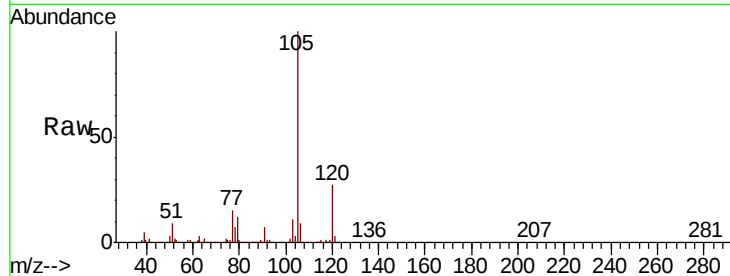
VSTDCCC050EC

Tot Ion:105 Resp: 1034664

Ion Ratio Lower Upper

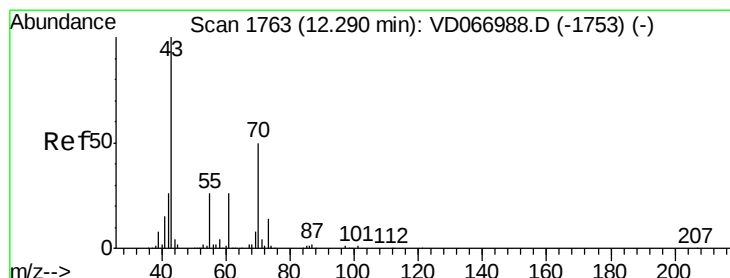
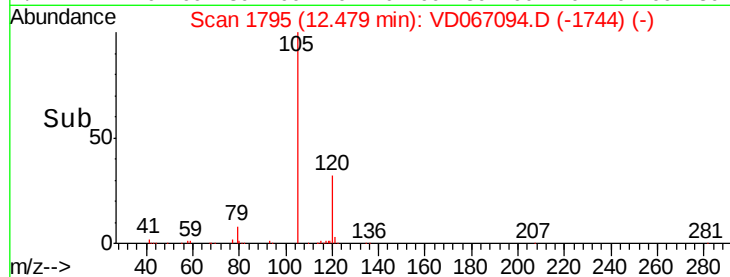
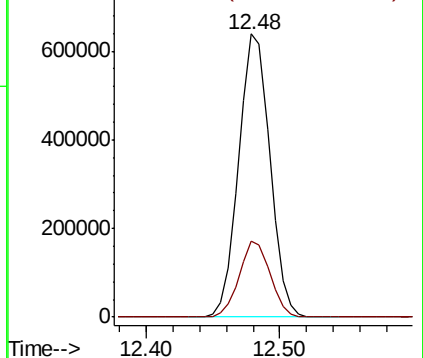
105 100

120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.247 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Tgt Ion: 43 Resp: 176700

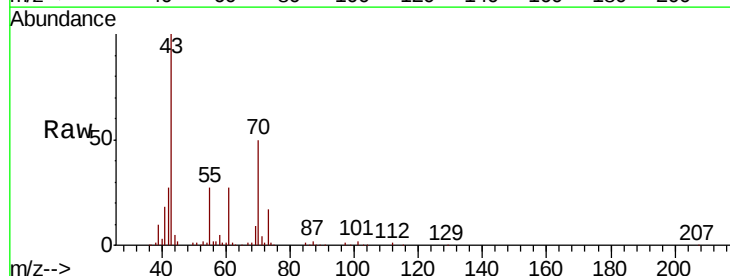
Ion Ratio Lower Upper

43 100

70 50.0 38.2 57.2

55 28.4 22.4 33.6

61 26.9 20.6 31.0

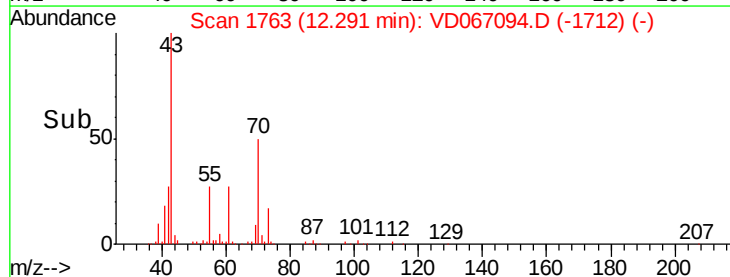
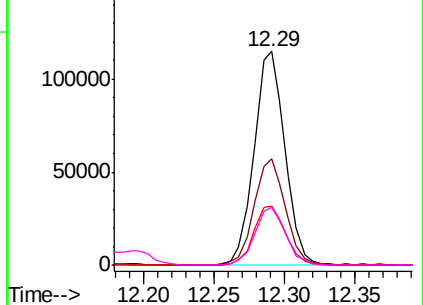


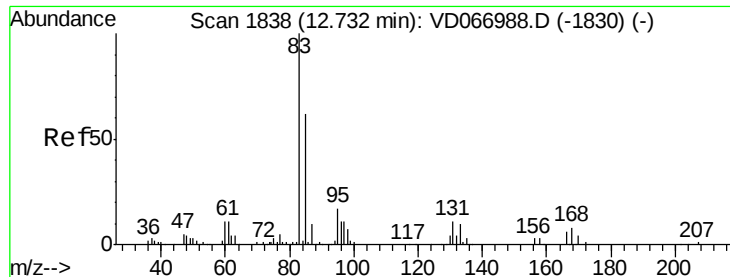
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.107 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

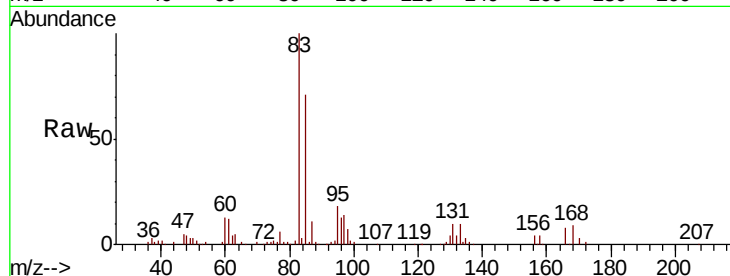
Tot Ion: 83 Resp: 161998

Ion Ratio Lower Upper

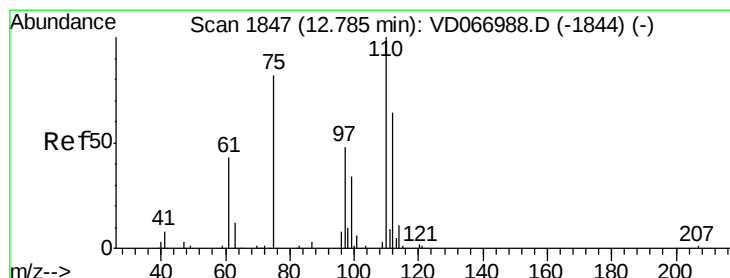
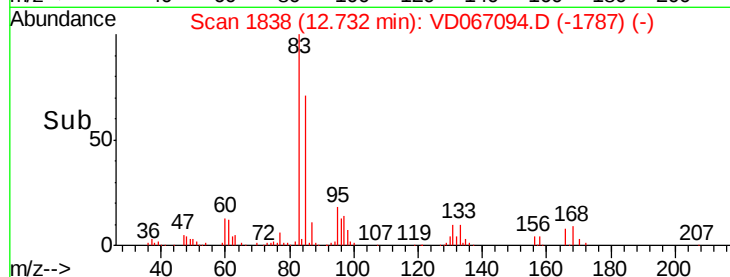
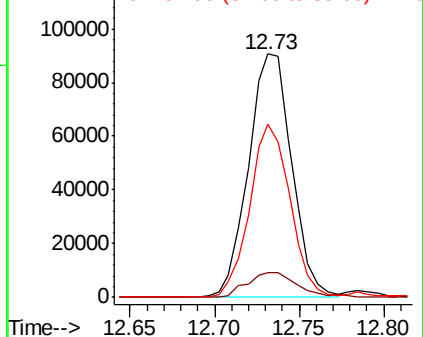
83 100

131 12.0 5.7 17.0

85 66.4 32.0 96.2



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: 86.454 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067094.D

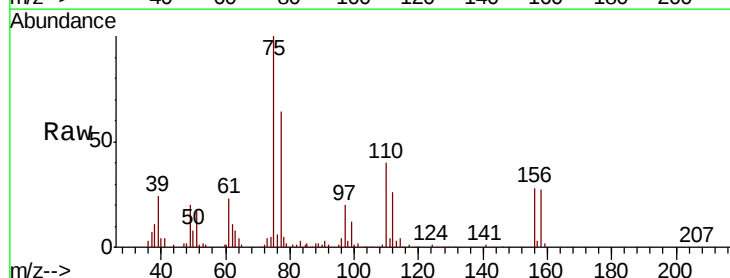
Acq: 05 Oct 2020 20:04

Tgt Ion: 75 Resp: 208645

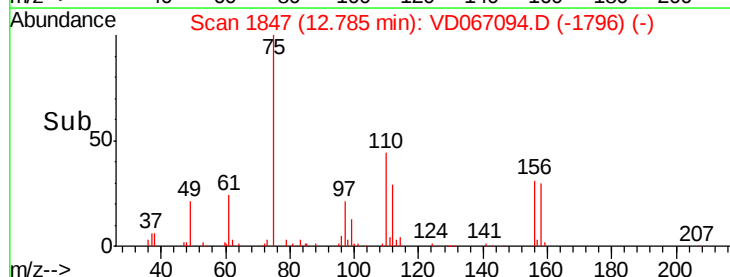
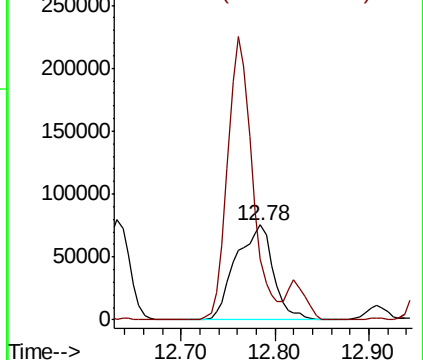
Ion Ratio Lower Upper

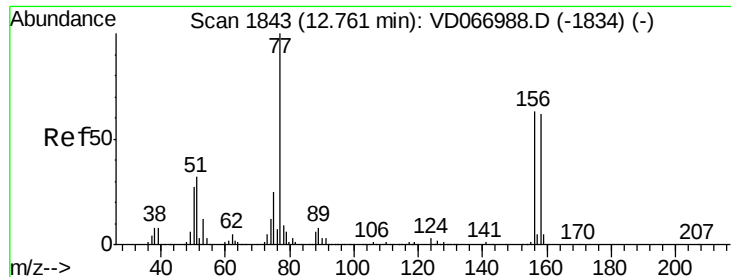
75 100

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: 54.404 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

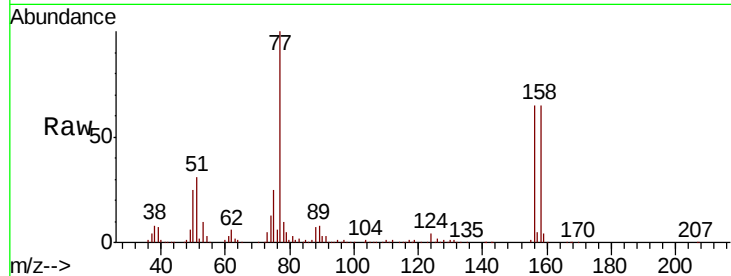
Tot Ion:156 Resp: 247143

Ion Ratio Lower Upper

156 100

77 167.1 86.3 258.8

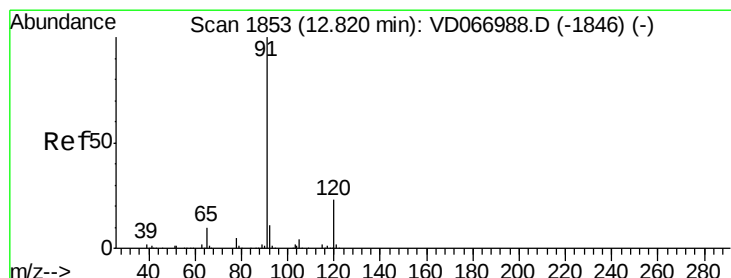
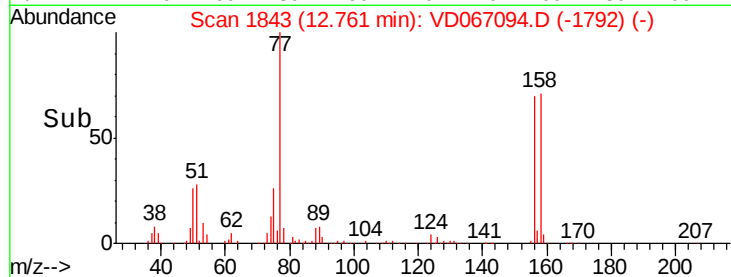
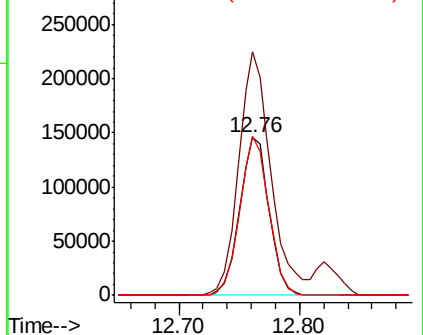
158 99.0 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.240 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067094.D

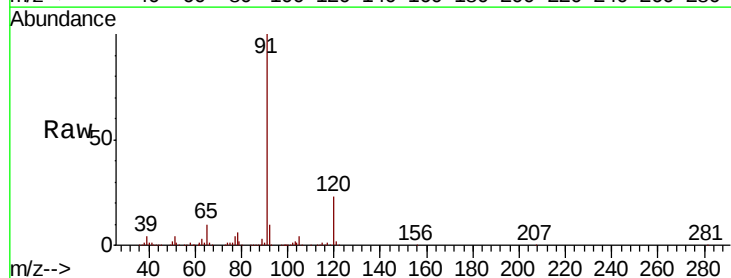
Acq: 05 Oct 2020 20:04

Tgt Ion: 91 Resp: 1183758

Ion Ratio Lower Upper

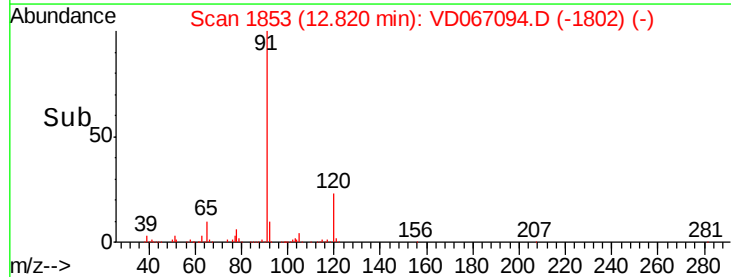
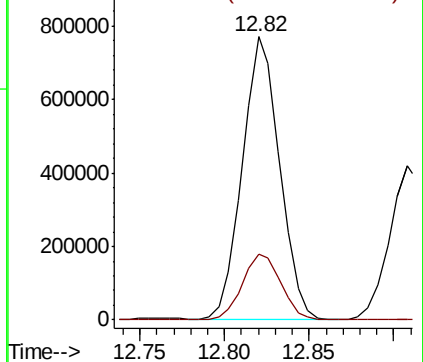
91 100

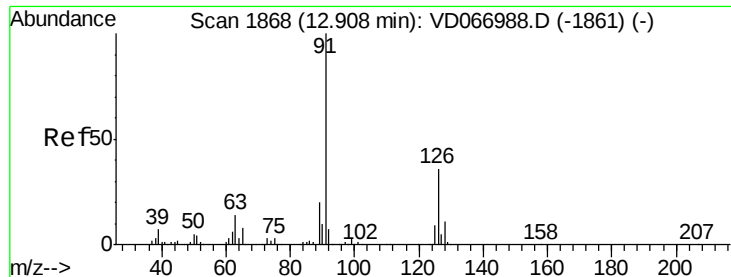
120 24.0 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.624 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

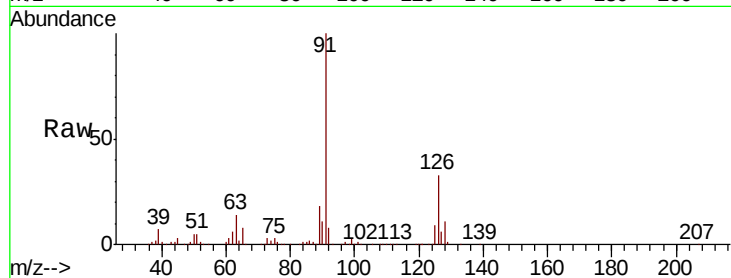
VSTDCCC050EC

Tot Ion: 91 Resp: 682158

Ion Ratio Lower Upper

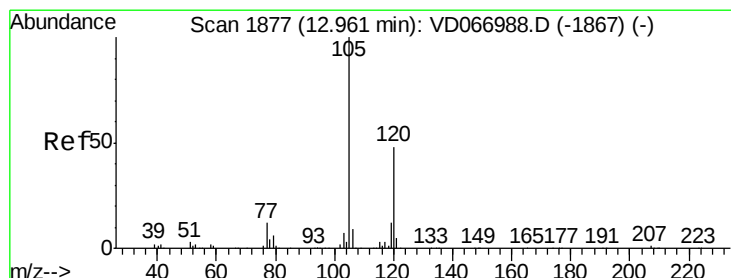
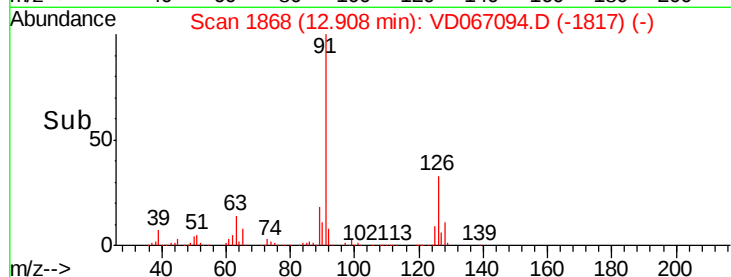
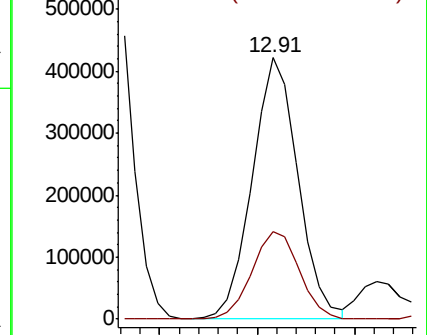
91 100

126 34.9 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.722 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067094.D

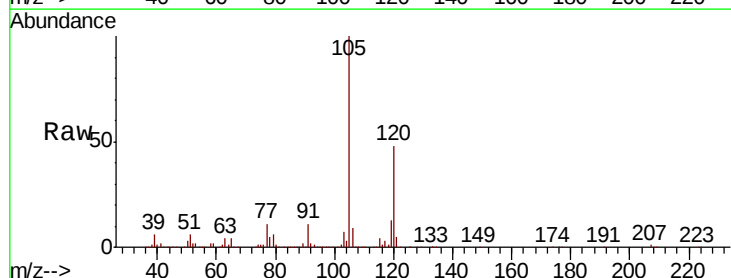
Acq: 05 Oct 2020 20:04

Tgt Ion:105 Resp: 885706

Ion Ratio Lower Upper

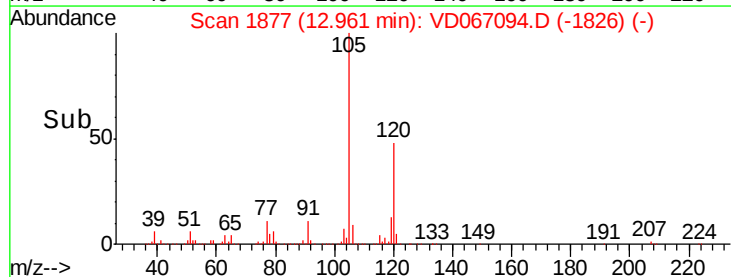
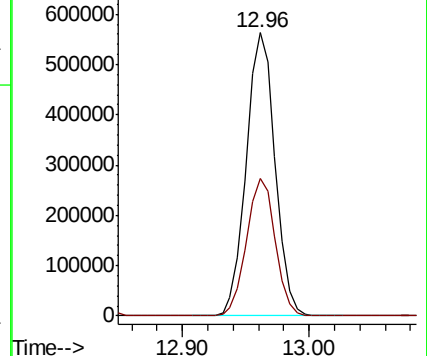
105 100

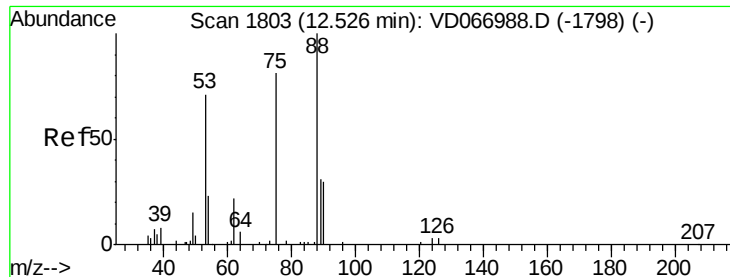
120 48.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

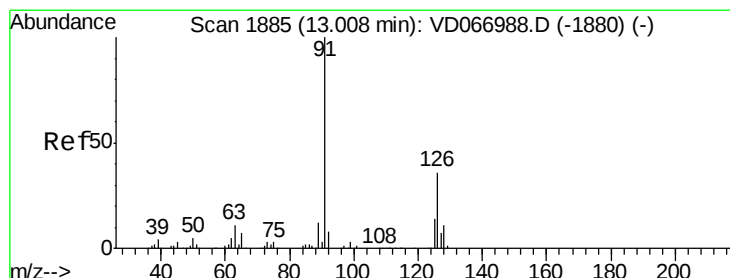
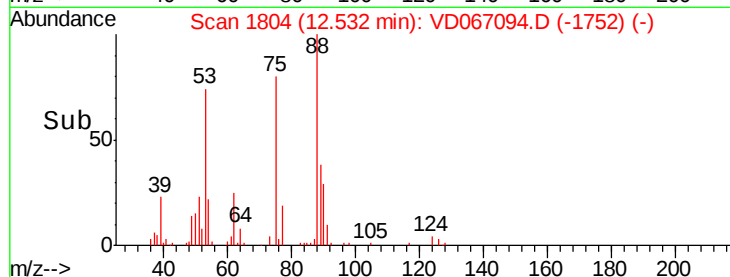
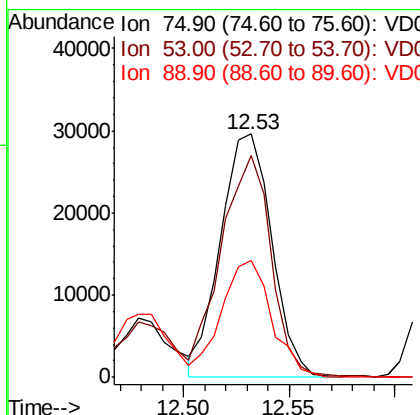
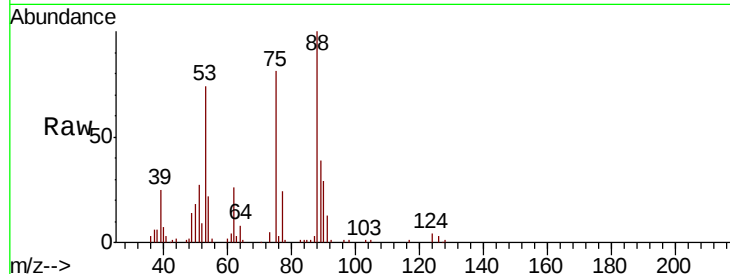




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.310 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. 0.01 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

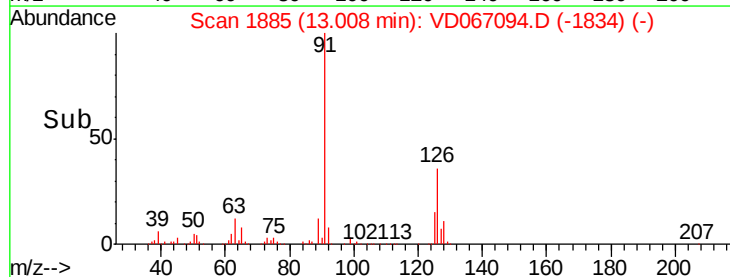
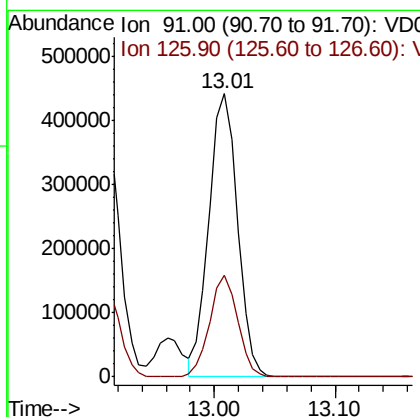
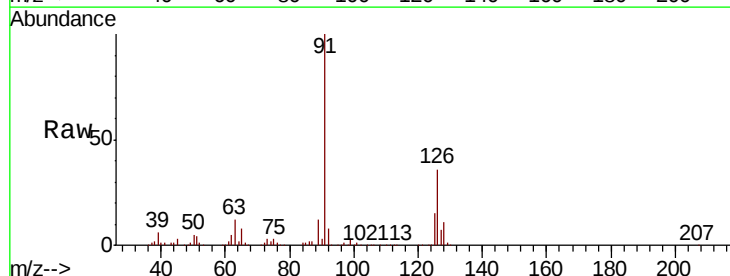
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

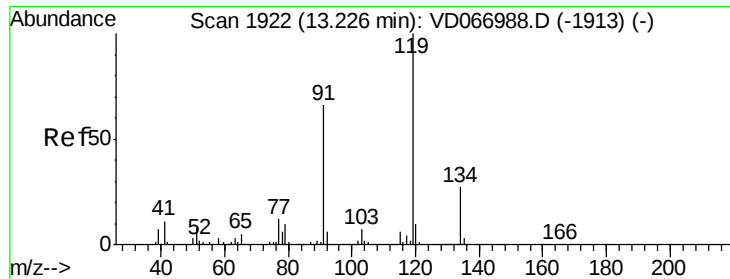
Tot Ion: 75 Resp: 49669  
Ion Ratio Lower Upper  
75 100  
53 89.6 73.8 110.6  
89 47.2 38.9 58.3



#82  
4-Chlorotoluene  
Concen: 53.416 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Tgt Ion: 91 Resp: 722970  
Ion Ratio Lower Upper  
91 100  
126 35.4 17.5 52.5

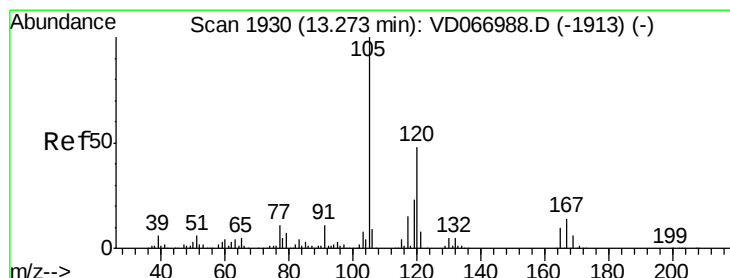
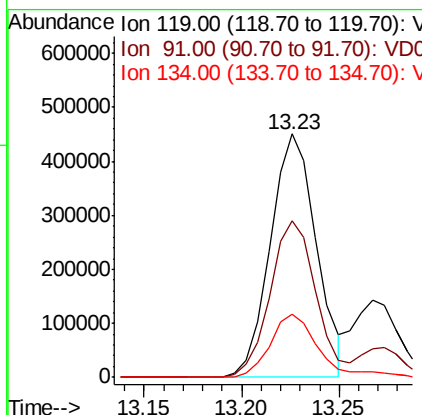
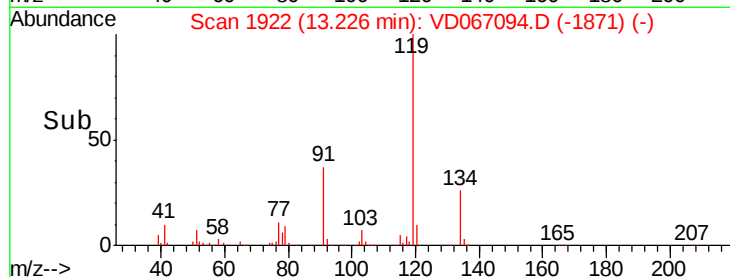
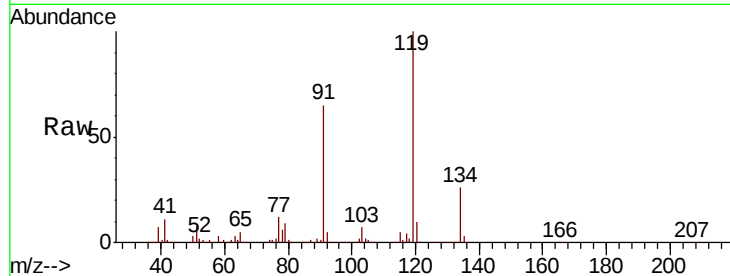




#83  
tert-Butylbenzene  
Concen: 54.839 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

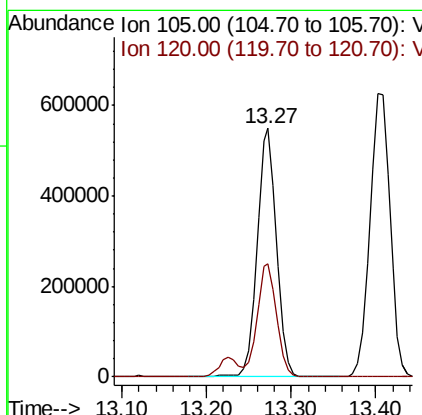
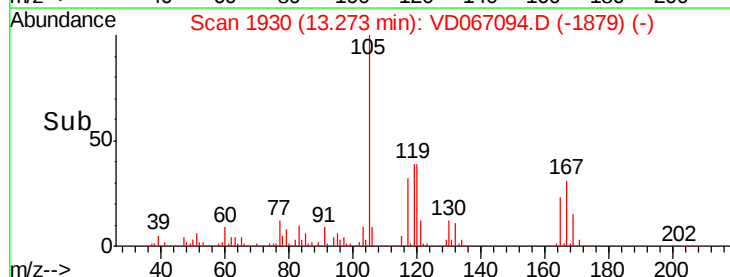
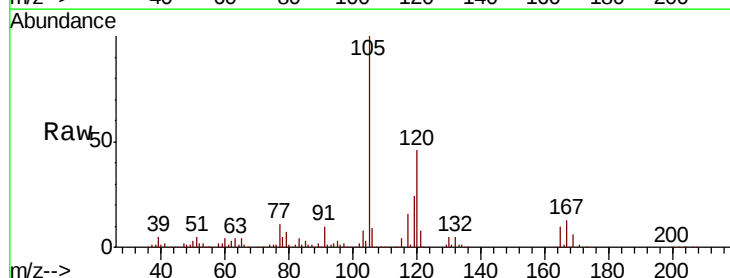
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

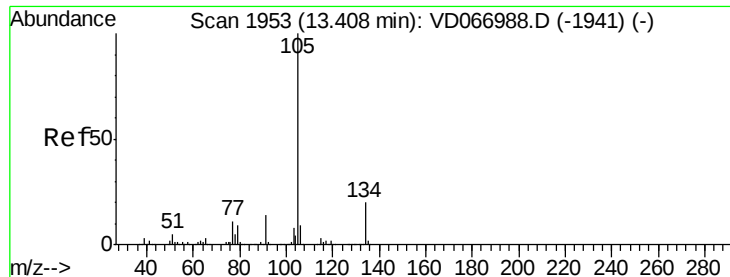
Tot Ion:119 Resp: 734033  
Ion Ratio Lower Upper  
119 100  
91 64.3 32.8 98.3  
134 27.5 13.9 41.7



#84  
1,2,4-Trimethylbenzene  
Concen: 55.677 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Tgt Ion:105 Resp: 883186  
Ion Ratio Lower Upper  
105 100  
120 45.6 23.3 69.8

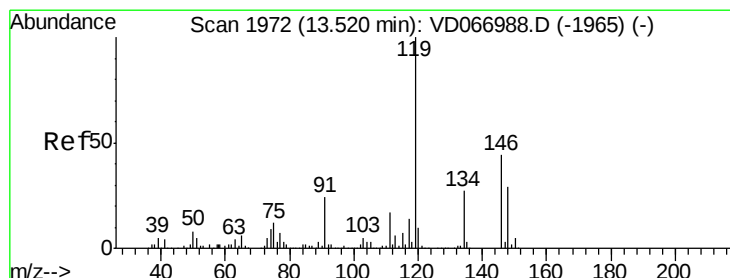
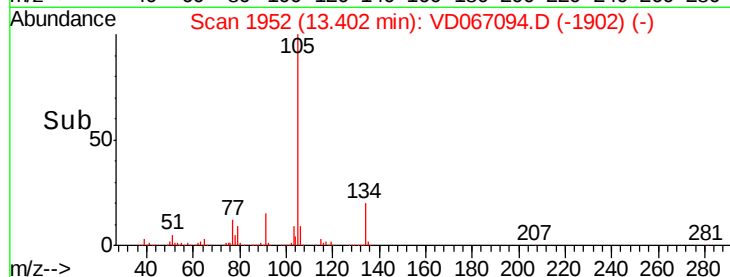
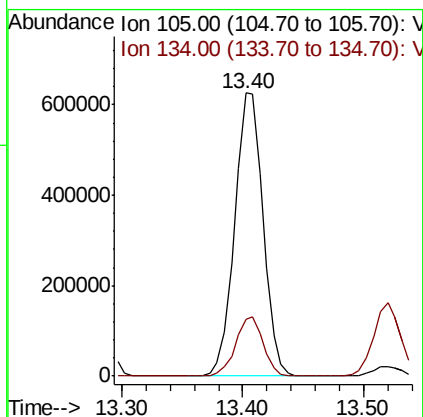
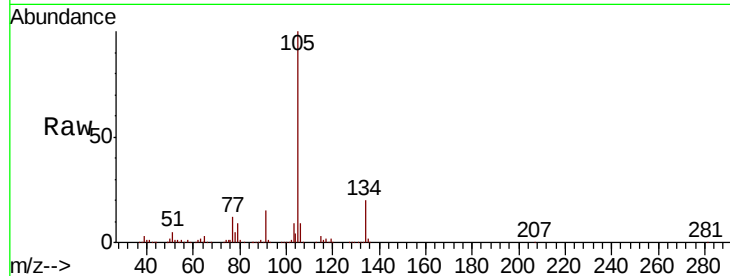




#85  
 sec-Butylbenzene  
 Concen: 54.404 ug/l  
 RT: 13.40 min Scan# 1952  
 Delta R.T. -0.01 min  
 Lab File: VD067094.D  
 Acq: 05 Oct 2020 20:04

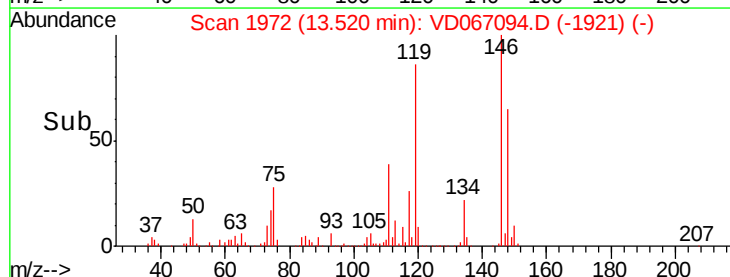
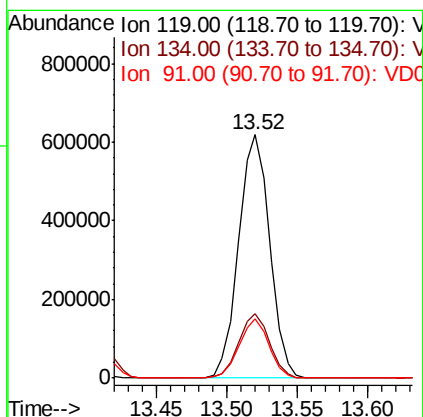
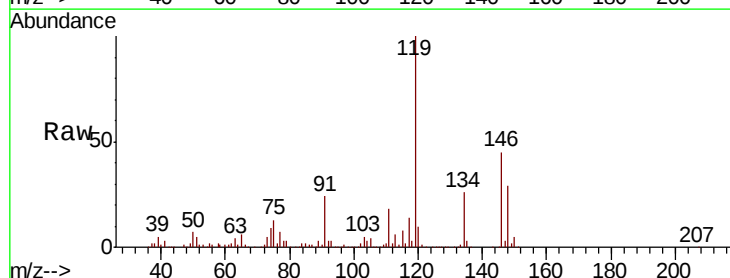
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

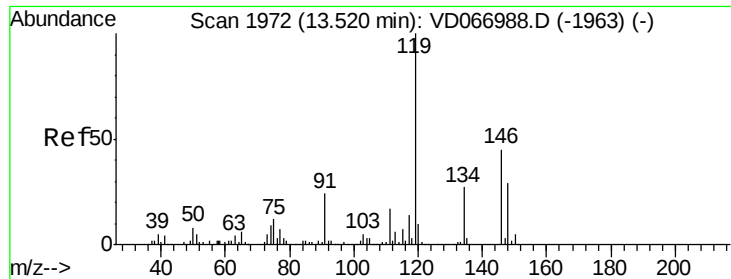
Tot Ion:105 Resp: 1025501  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.3 30.8



#86  
 p-Isopropyltoluene  
 Concen: 54.443 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VD067094.D  
 Acq: 05 Oct 2020 20:04

Tgt Ion:119 Resp: 951446  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.1 39.1  
 91 23.5 11.7 35.1

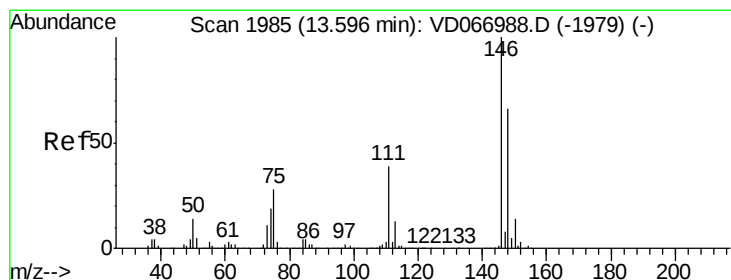
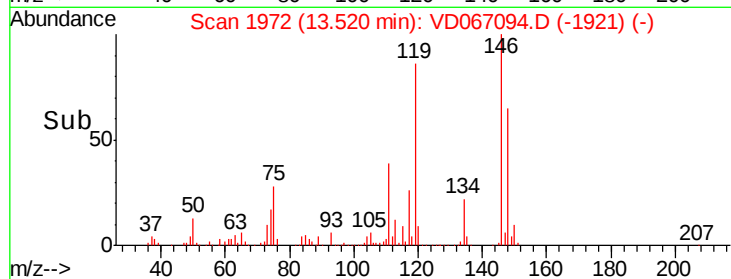
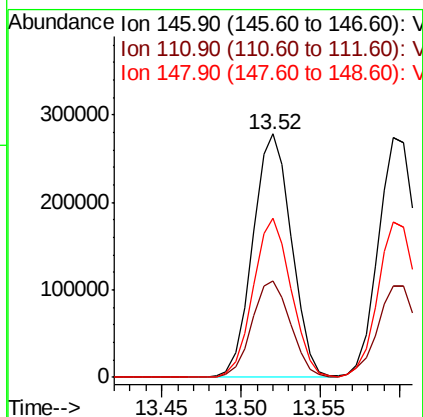
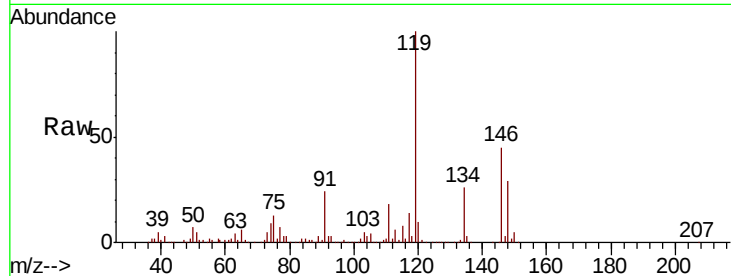




#87  
 1,3-Dichlorobenzene  
 Concen: 53.289 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VD067094.D  
 Acq: 05 Oct 2020 20:04

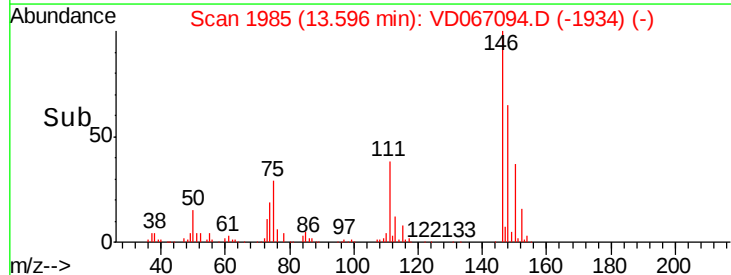
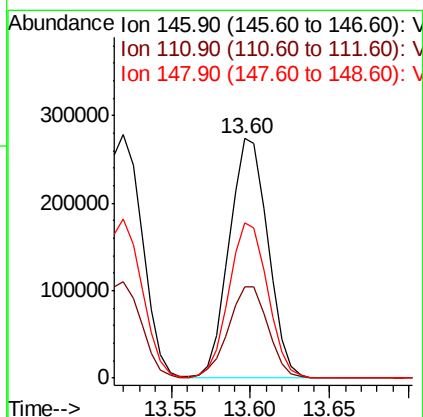
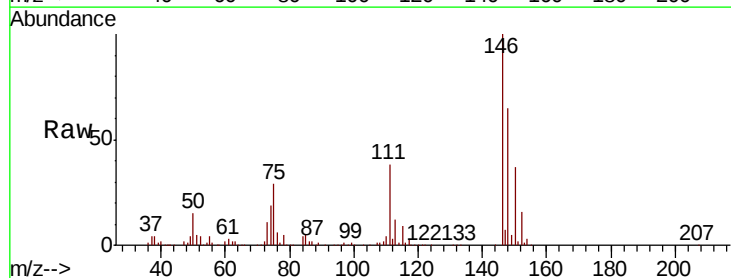
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

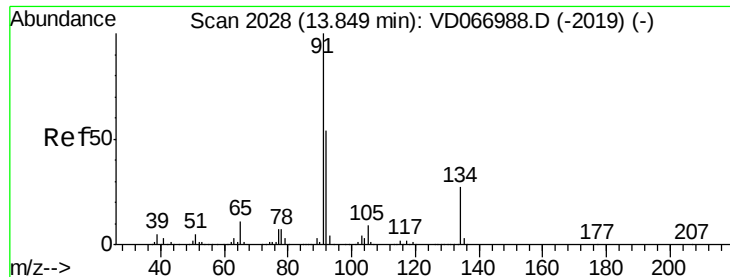
Tot Ion:146 Resp: 471523  
 Ion Ratio Lower Upper  
 146 100  
 111 39.7 20.0 60.0  
 148 64.3 31.9 95.9



#88  
 1,4-Dichlorobenzene  
 Concen: 52.549 ug/l  
 RT: 13.60 min Scan# 1985  
 Delta R.T. 0.00 min  
 Lab File: VD067094.D  
 Acq: 05 Oct 2020 20:04

Tgt Ion:146 Resp: 464925  
 Ion Ratio Lower Upper  
 146 100  
 111 39.2 19.6 58.7  
 148 65.0 32.6 97.7

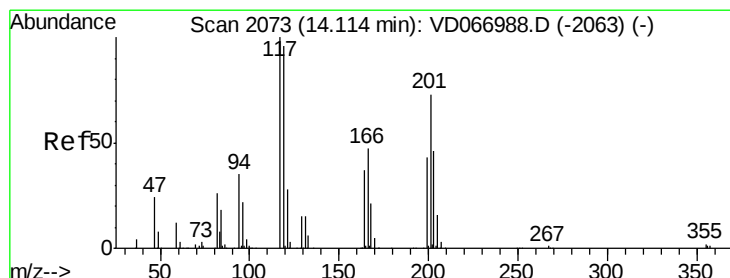
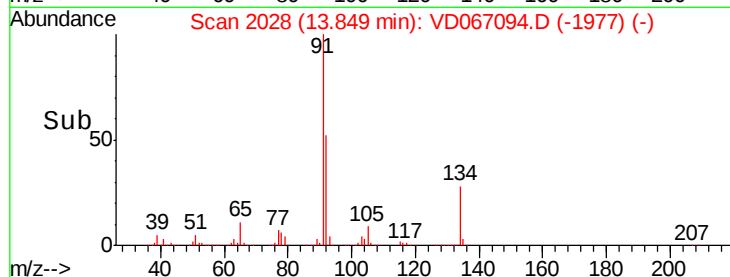
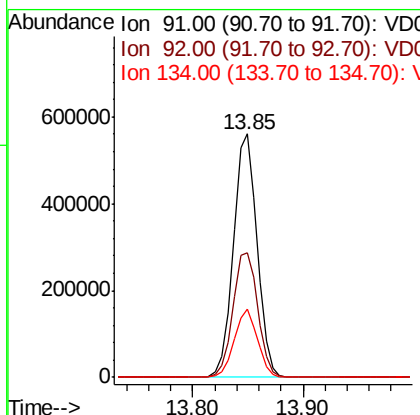
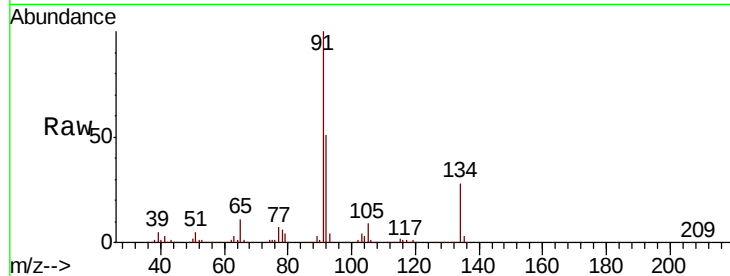




#89  
n-Butylbenzene  
Concen: 52.826 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

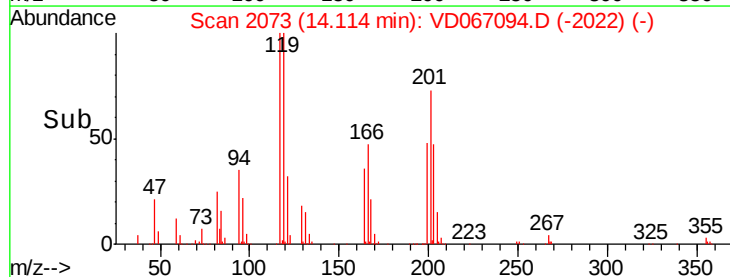
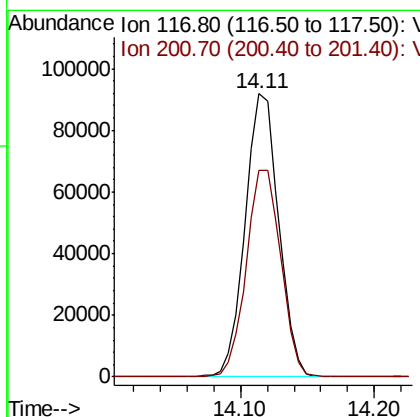
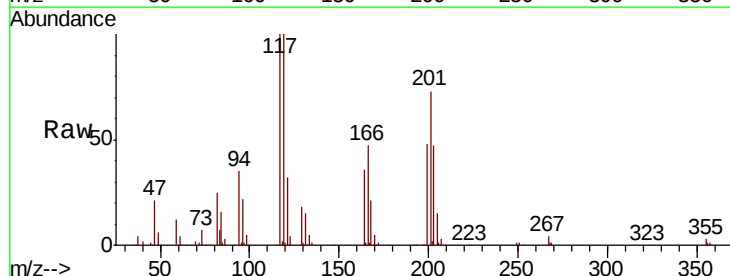
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

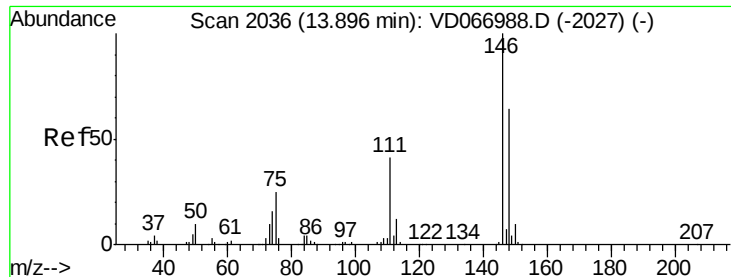
Tot Ion: 91 Resp: 843702  
Ion Ratio Lower Upper  
91 100  
92 53.5 27.1 81.2  
134 27.6 13.6 40.8



#90  
Hexachloroethane  
Concen: 51.959 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Tgt Ion: 117 Resp: 159057  
Ion Ratio Lower Upper  
117 100  
201 75.3 37.0 110.9





#91

1,2-Dichlorobenzene

Concen: 53.140 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

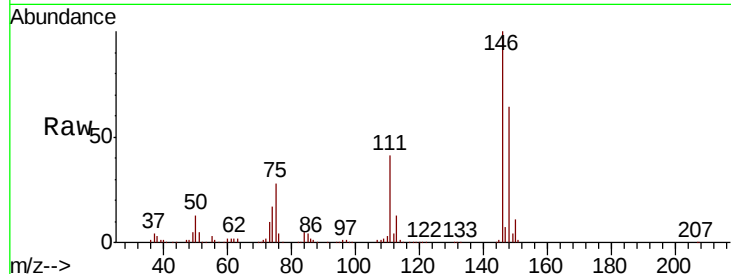
Tot Ion:146 Resp: 410654

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.7

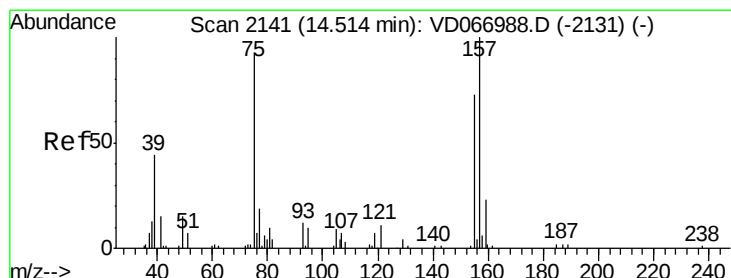
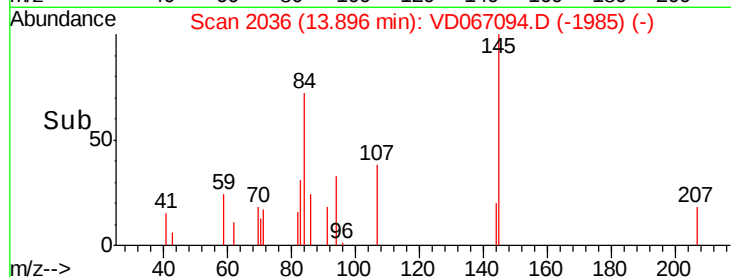
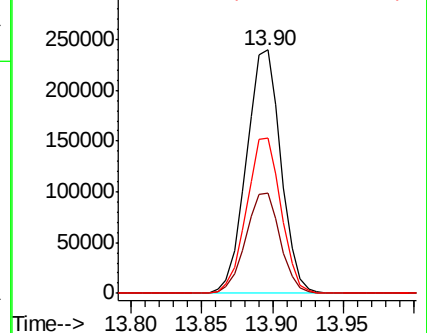
148 64.0 32.3 96.9



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: 48.299 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067094.D

Acq: 05 Oct 2020 20:04

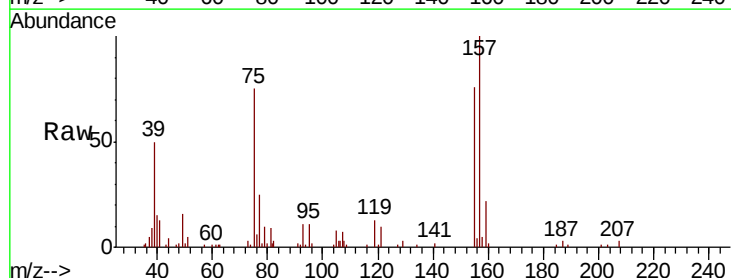
Tgt Ion: 75 Resp: 24679

Ion Ratio Lower Upper

75 100

155 105.5 45.2 135.6

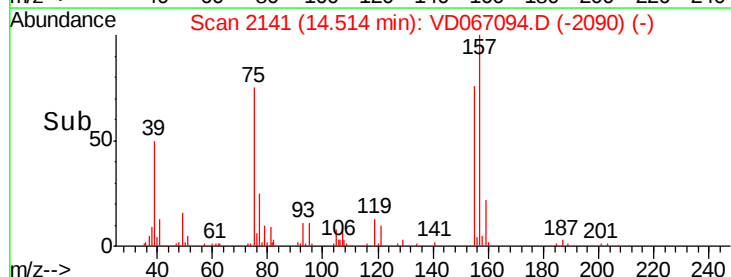
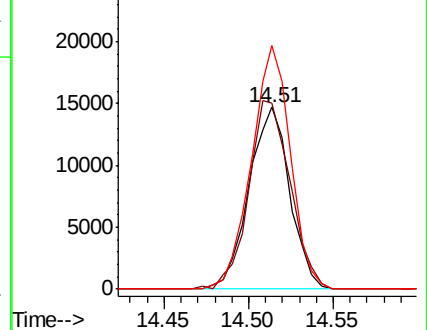
157 127.8 56.3 168.8

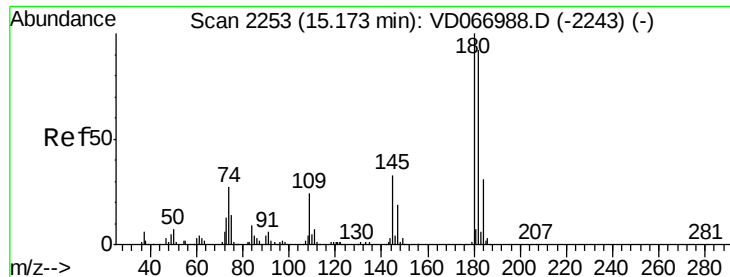


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

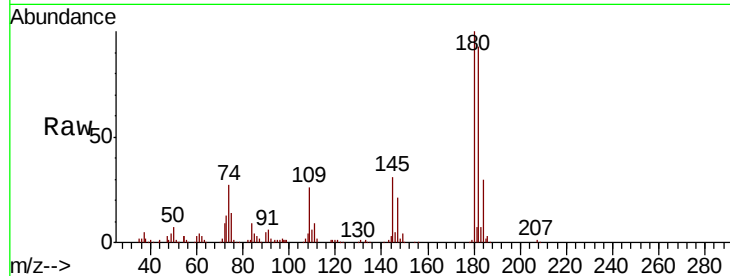




#93  
 1,2,4-Trichlorobenzene  
 Concen: 55.612 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. -0.01 min  
 Lab File: VD067094.D  
 Acq: 05 Oct 2020 20:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 47.3  | 142.0 |
| 145     | 31.3  | 16.4  | 49.1  |

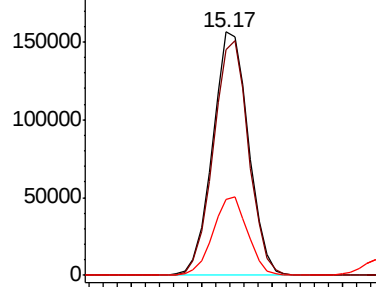


Abundance

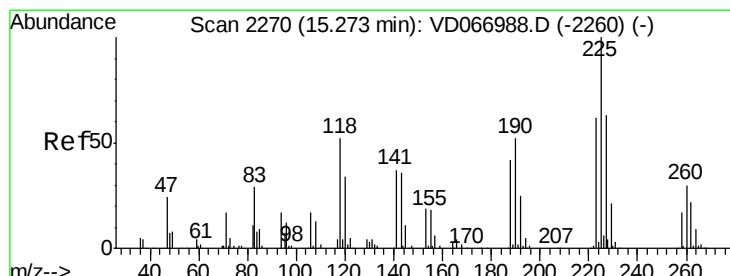
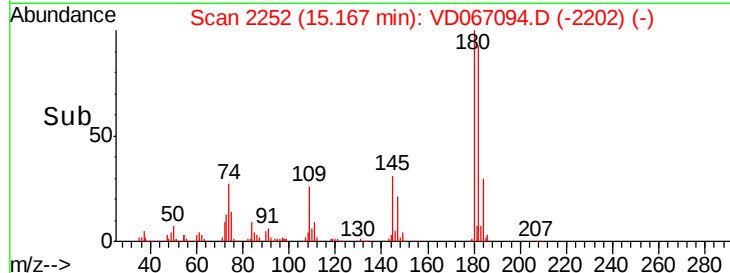
Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

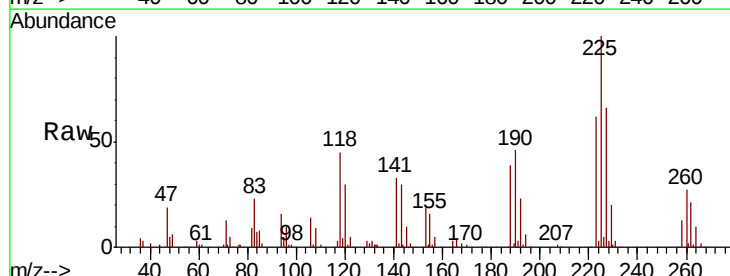


Time-->



#94  
 Hexachlorobutadiene  
 Concen: 53.310 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. 0.01 min  
 Lab File: VD067094.D  
 Acq: 05 Oct 2020 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.9  | 32.4  | 97.0  |
| 227     | 63.1  | 31.6  | 95.0  |

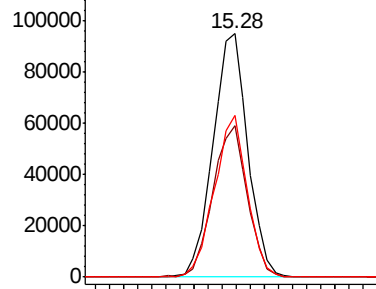


Abundance

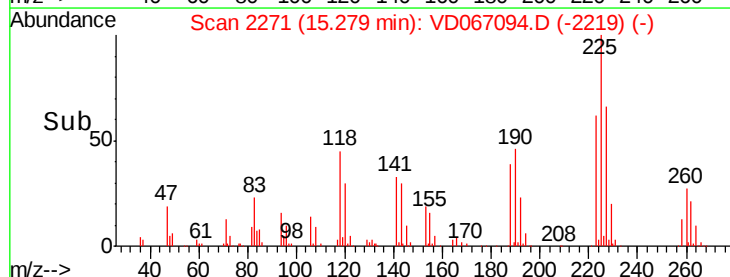
Ion 224.70 (224.40 to 225.40): V

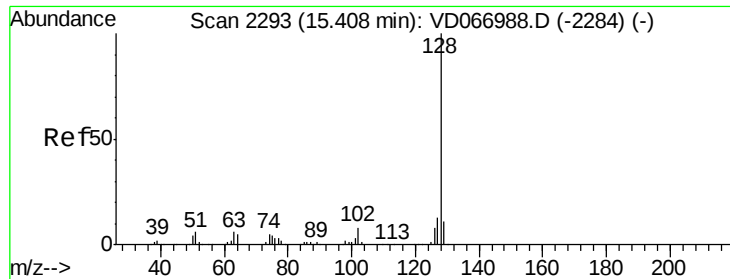
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->

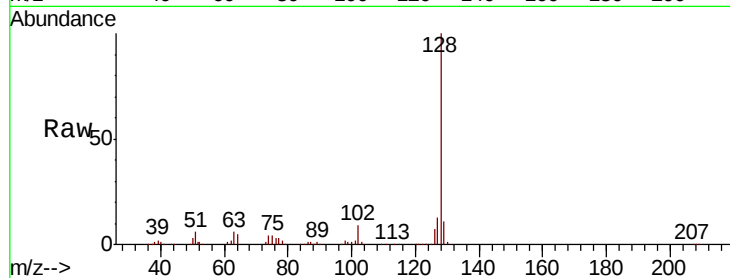




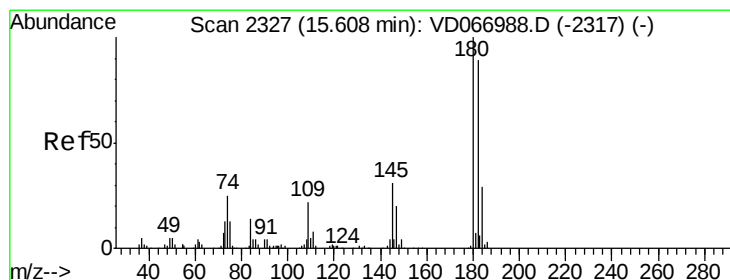
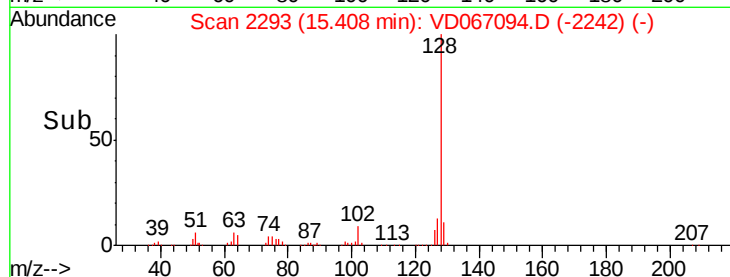
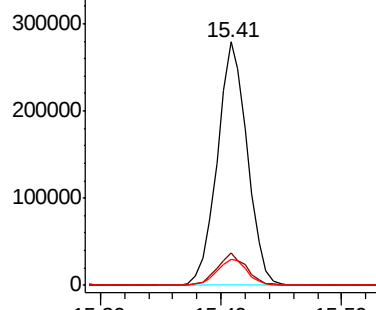
#95  
Naphthalene  
Concen: 57.987 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.3  | 15.5  |
| 129     | 11.0  | 8.6   | 13.0  |

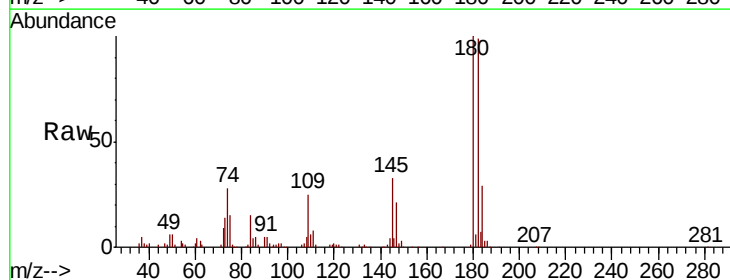


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 56.041 ug/l  
RT: 15.60 min Scan# 2326  
Delta R.T. -0.01 min  
Lab File: VD067094.D  
Acq: 05 Oct 2020 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.6  | 46.4  | 139.1 |
| 145     | 33.4  | 16.6  | 49.7  |



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

