

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\  
 Data File : VD067424.D  
 Acq On : 27 Oct 2020 20:59  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 28 00:48:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 19 19:13:29 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 310829   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 475283   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 447669   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 227854   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.34   | 65  | 159591   | 51.25 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.50% |      |
| 35) Dibromofluoromethane  | 7.92   | 113 | 170715   | 53.97 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.94% |      |
| 50) Toluene-d8            | 10.34  | 98  | 593422   | 51.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.68% |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 208344   | 52.34 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.68% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 102307 | 40.143  | ug/l | 94     |
| 3) Chloromethane              | 2.21 | 50  | 79827  | 40.807  | ug/l | 95     |
| 4) Vinyl Chloride             | 2.35 | 62  | 86766  | 40.425  | ug/l | 94     |
| 5) Bromomethane               | 2.77 | 94  | 71310  | 47.632  | ug/l | 95     |
| 6) Chloroethane               | 2.92 | 64  | 58761  | 43.959  | ug/l | 95     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 239555 | 44.323  | ug/l | 98     |
| 8) Diethyl Ether              | 3.70 | 74  | 61855  | 50.014  | ug/l | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 130032 | 45.284  | ug/l | 98     |
| 10) Methyl Iodide             | 4.30 | 142 | 119833 | 45.239  | ug/l | 100    |
| 11) Tert butyl alcohol        | 5.21 | 59  | 41827  | 260.212 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 119018 | 46.395  | ug/l | 99     |
| 13) Acrolein                  | 3.93 | 56  | 38959  | 212.854 | ug/l | 99     |
| 14) Allyl chloride            | 4.71 | 41  | 147313 | 50.144  | ug/l | 98     |
| 15) Acrylonitrile             | 5.43 | 53  | 110822 | 268.550 | ug/l | 99     |
| 16) Acetone                   | 4.16 | 43  | 106997 | 245.337 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.41 | 76  | 304846 | 41.684  | ug/l | 99     |
| 18) Methyl Acetate            | 4.71 | 43  | 52614  | 52.892  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 277957 | 54.492  | ug/l | 98     |
| 20) Methylene Chloride        | 4.96 | 84  | 155881 | 56.372  | ug/l | 94     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 148088 | 50.163  | ug/l | 93     |
| 22) Diisopropyl ether         | 6.37 | 45  | 294775 | 54.927  | ug/l | 95     |
| 23) Vinyl Acetate             | 6.30 | 43  | 848244 | 277.823 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 239068 | 52.041  | ug/l | 97     |
| 25) 2-Butanone                | 7.21 | 43  | 133482 | 268.503 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 220351 | 46.536  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.22 | 96  | 168908 | 52.206  | ug/l | 100    |
| 28) Bromochloromethane        | 7.55 | 49  | 84334  | 53.822  | ug/l | 96     |
| 29) Tetrahydrofuran           | 7.57 | 42  | 76355  | 276.301 | ug/l | 95     |
| 30) Chloroform                | 7.71 | 83  | 285886 | 52.094  | ug/l | 94     |
| 31) Cyclohexane               | 7.98 | 56  | 147538 | 41.135  | ug/l | 92     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97  | 266338 | 49.464  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 187740 | 46.605  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.30 | 43  | 62572  | 52.794  | ug/l | 95     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 242863 | 47.171  | ug/l | 96     |

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 Sample : VSTDCCC050  
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 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Oct 28 00:48:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 19 19:13:29 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 190505   | 45.236   | ug/l   | 95       |
| 40) Benzene                    | 8.36  | 78   | 562644   | 50.912   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.53  | 41   | 28330    | 44.233   | ug/l   | 92       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 174146   | 50.353   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.46  | 43   | 125586   | 53.401   | ug/l   | 98       |
| 44) Trichloroethene            | 9.11  | 130  | 175910   | 49.715   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 129435   | 50.536   | ug/l   | 97       |
| 46) Dibromomethane             | 9.48  | 93   | 82916    | 51.960   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.67  | 83   | 224762   | 52.571   | ug/l   | 95       |
| 48) Methyl methacrylate        | 9.46  | 41   | 68357    | 59.811   | ug/l   | 88       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 17679    | 1149.340 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 320376   | 273.128  | ug/l   | 99       |
| 52) Toluene                    | 10.41 | 92   | 385958   | 51.276   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 196297   | 52.265   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 228500   | 51.986   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 113350   | 52.090   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 123496   | 54.722   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 186003   | 53.711   | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 323287   | 279.240  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.99 | 43   | 215139   | 268.408  | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.14 | 129  | 162580   | 51.231   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 111240   | 51.853   | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.88 | 164  | 156518   | 48.256   | ug/l   | 96       |
| 65) Chlorobenzene              | 11.67 | 112  | 433879   | 50.542   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 176575   | 51.753   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.75 | 91   | 746772   | 50.747   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 575851   | 101.620  | ug/l   | 98       |
| 69) o-Xylene                   | 12.18 | 106  | 267283   | 50.936   | ug/l   | 97       |
| 70) Styrene                    | 12.20 | 104  | 461956   | 51.140   | ug/l   | 100      |
| 71) Bromoform                  | 12.37 | 173  | 95702    | 52.212   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 731800   | 50.605   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 109769   | 50.258   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 113034   | 51.013   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 150522   | 95.313   | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 183533   | 50.906   | ug/l   | 98       |
| 78) n-propylbenzene            | 12.83 | 91   | 826520   | 49.330   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 486334   | 50.052   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 634722   | 50.508   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 34444    | 49.460   | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 524423   | 50.852   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 542695   | 51.124   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 630509   | 50.764   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 705482   | 48.435   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 672133   | 48.889   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 337563   | 48.645   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 342478   | 49.813   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 576648   | 47.677   | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 116867   | 48.713   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 308015   | 50.809   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 19204    | 47.707   | ug/l   | 95       |

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Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Oct 28 00:48:01 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 19 19:13:29 2020  
Response via : Initial Calibration

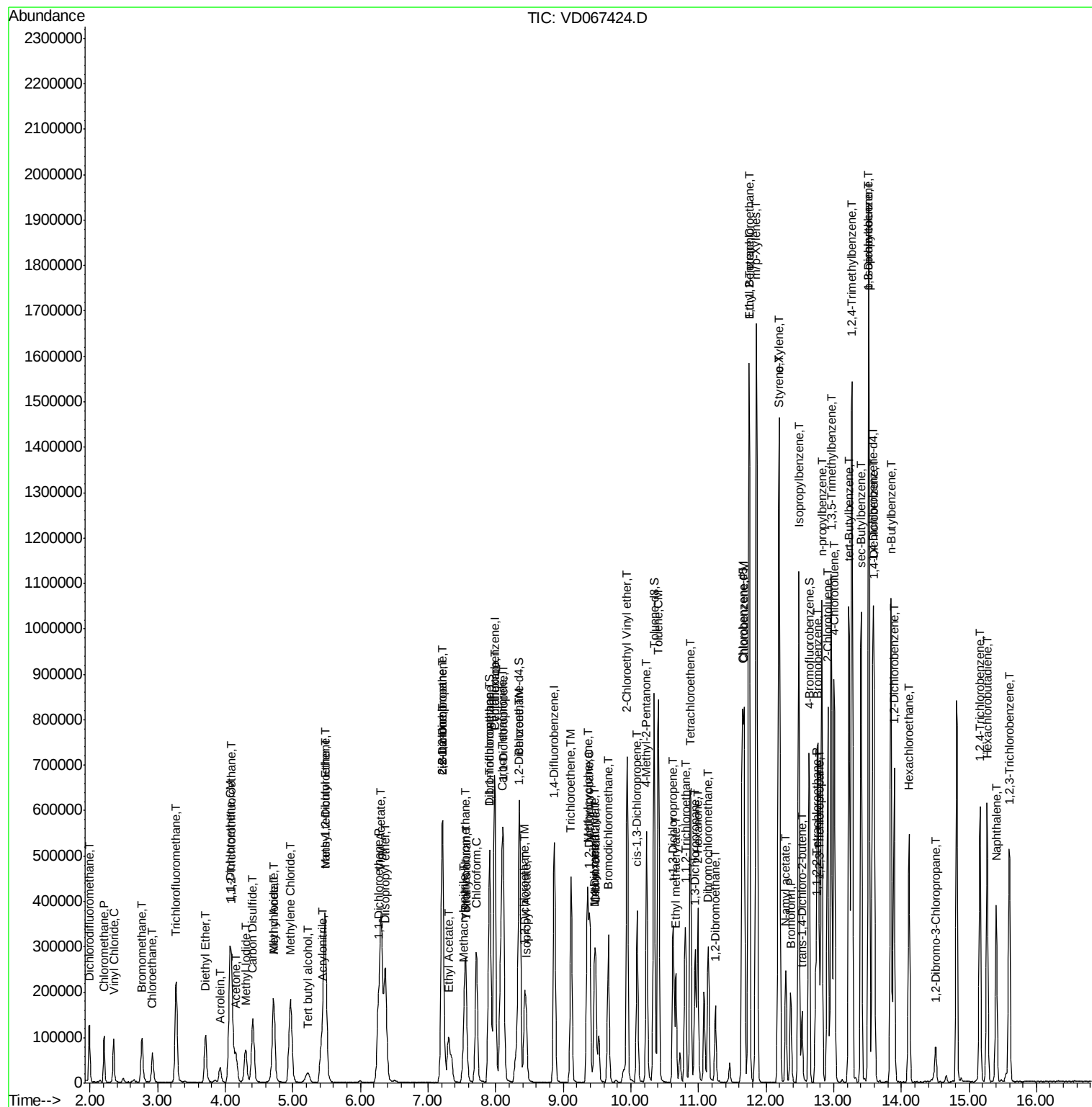
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 207063   | 50.660 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 125127   | 49.299 | ug/l  | 98       |
| 95) Naphthalene            | 15.41 | 128  | 361713   | 53.902 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 186475   | 52.810 | ug/l  | 100      |

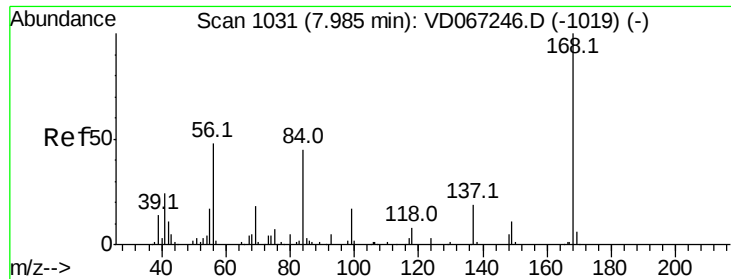
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102720\  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

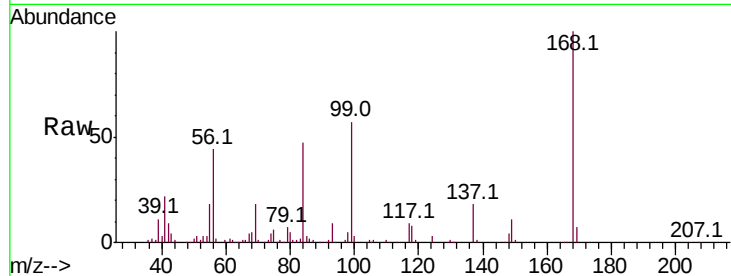
VSTDCCC050EC

Tot Ion:168 Resp: 310829

Ion Ratio Lower Upper

168 100

99 56.7 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

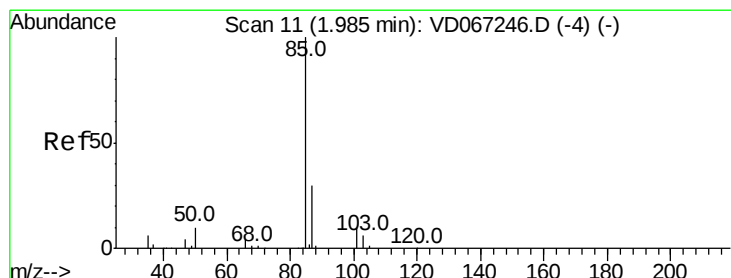
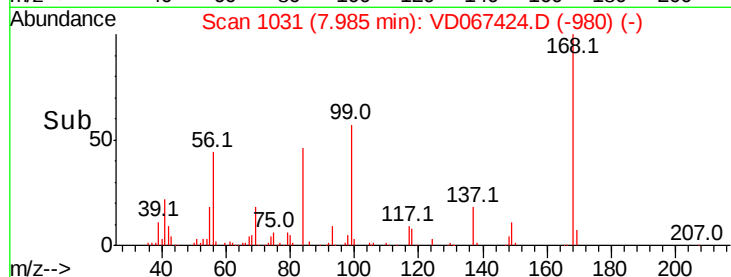
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 40.143 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067424.D

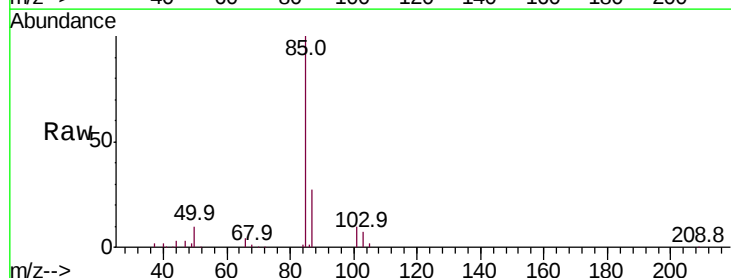
Acq: 27 Oct 2020 20:59

Tgt Ion: 85 Resp: 102307

Ion Ratio Lower Upper

85 100

87 27.3 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

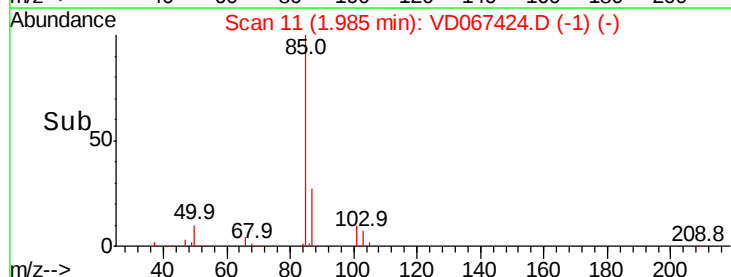
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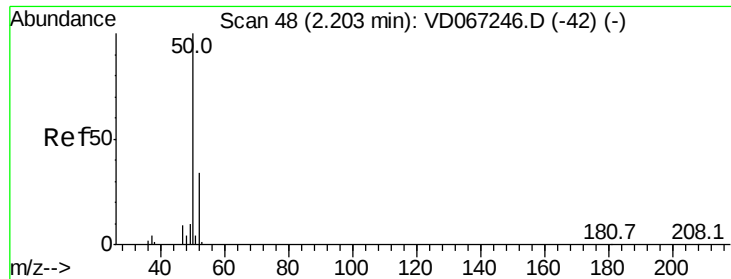
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0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 40.807 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

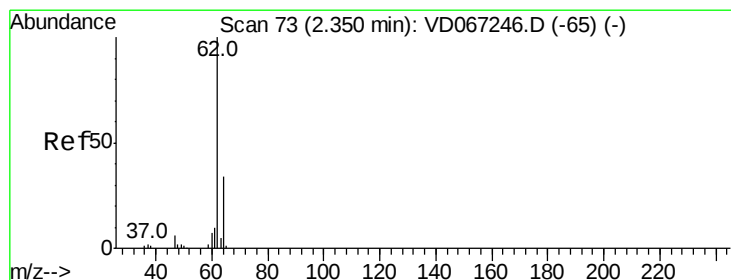
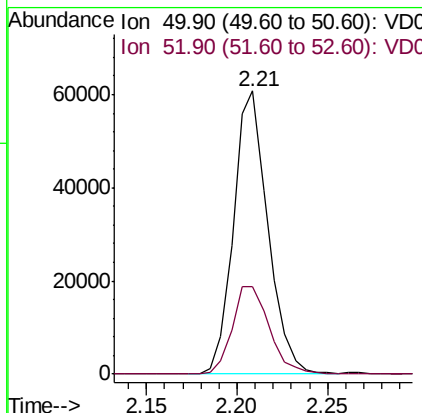
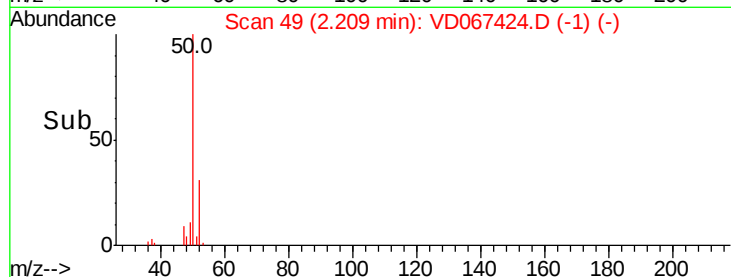
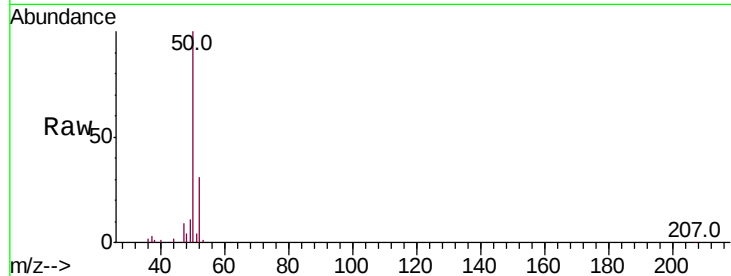
VSTDCCC050EC

Tot Ion: 50 Resp: 79827

Ion Ratio Lower Upper

50 100

52 31.0 27.1 40.7



#4

Vinyl Chloride

Concen: 40.425 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067424.D

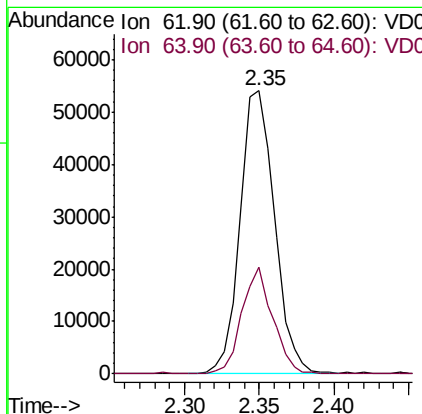
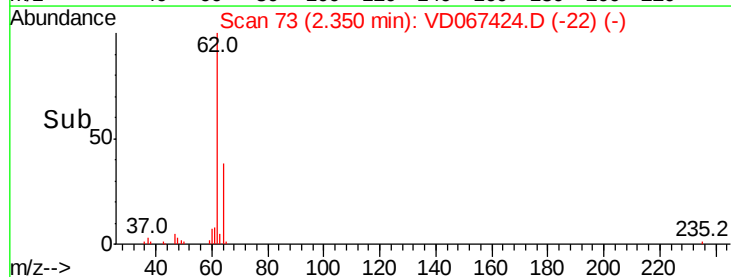
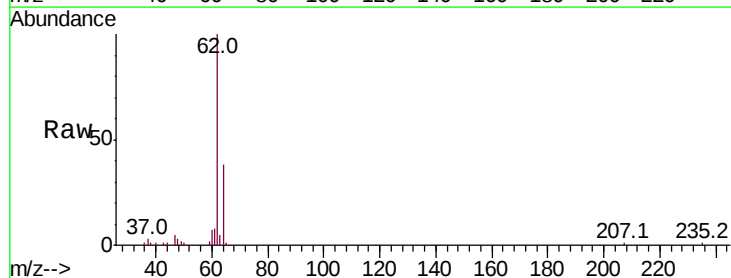
Acq: 27 Oct 2020 20:59

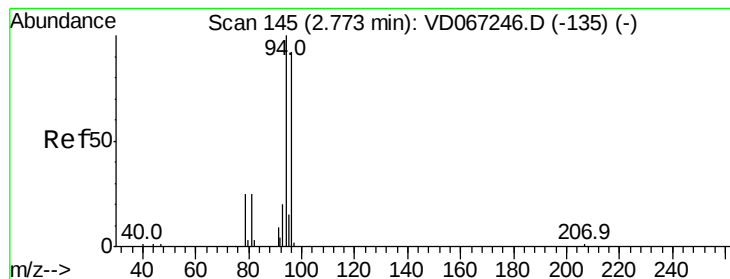
Tgt Ion: 62 Resp: 86766

Ion Ratio Lower Upper

62 100

64 37.9 27.4 41.0





#5

Bromomethane

Concen: 47.632 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

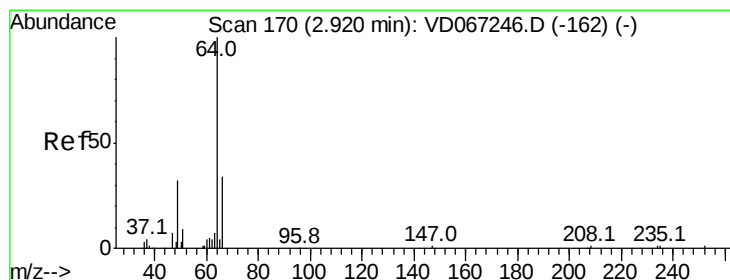
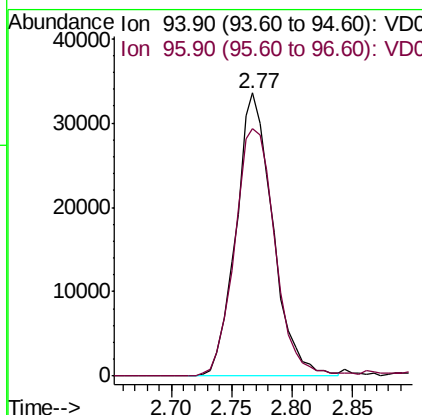
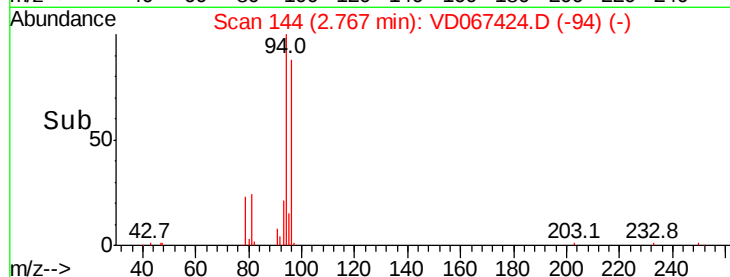
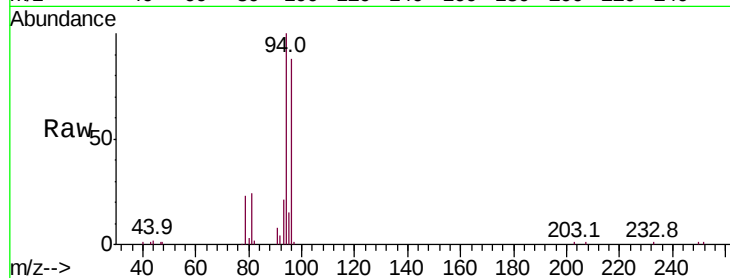
VSTDCCC050EC

Tot Ion: 94 Resp: 71310

Ion Ratio Lower Upper

94 100

96 87.6 73.8 110.6



#6

Chloroethane

Concen: 43.959 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067424.D

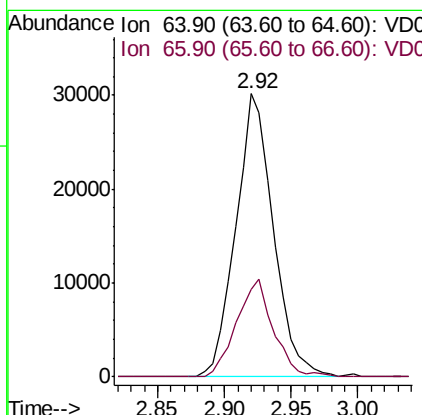
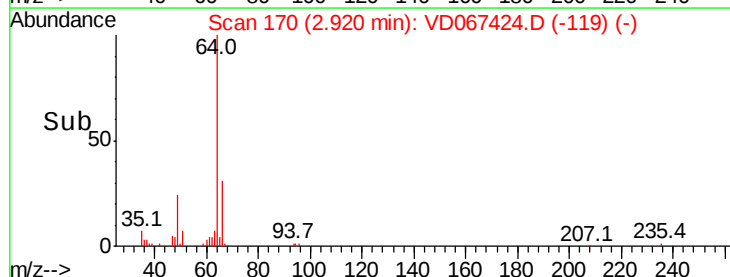
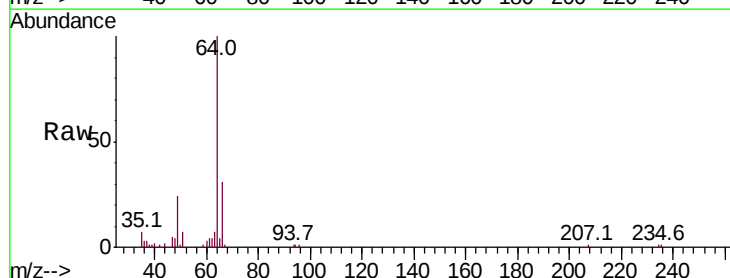
Acq: 27 Oct 2020 20:59

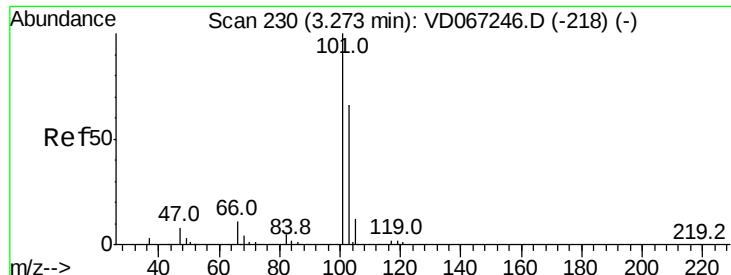
Tgt Ion: 64 Resp: 58761

Ion Ratio Lower Upper

64 100

66 31.1 27.4 41.0



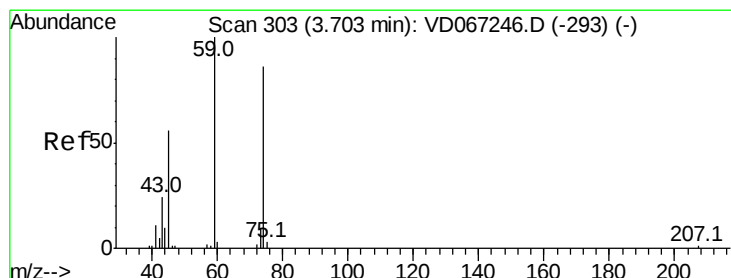
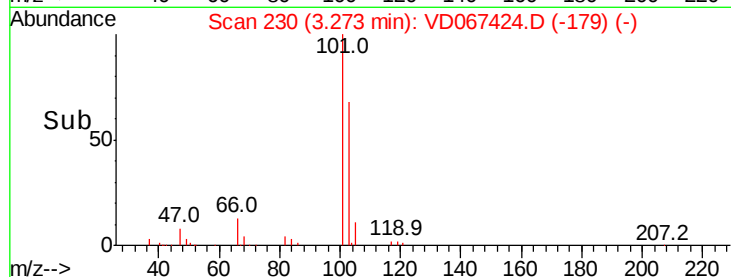
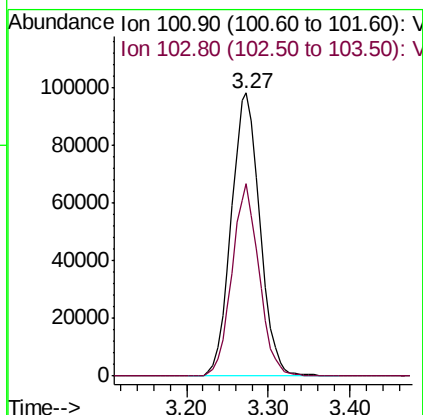
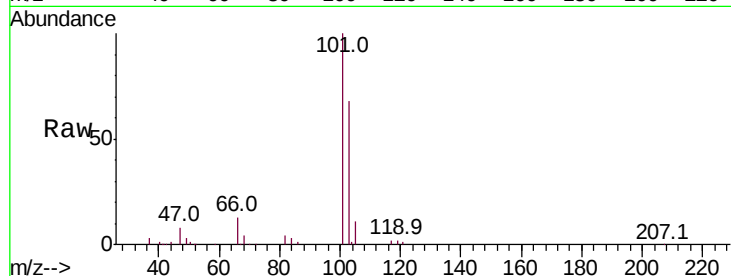


#7

Trichlorofluoromethane  
 Concen: 44.323 ug/l  
 RT: 3.27 min Scan# 230  
 Delta R.T. 0.00 min  
 Lab File: VD067424.D  
 Acq: 27 Oct 2020 20:59

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

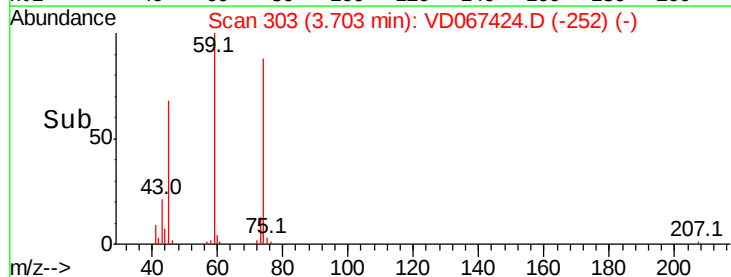
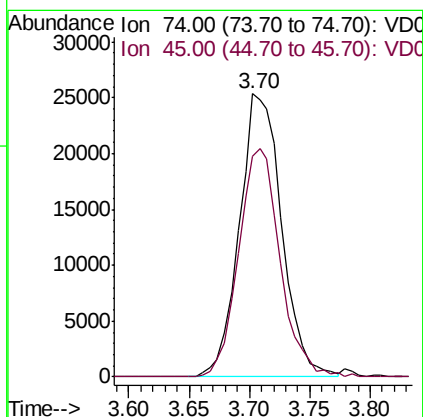
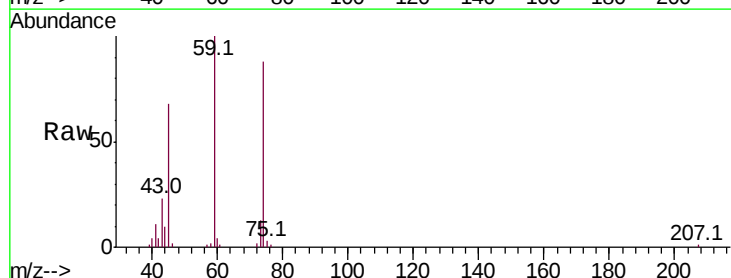
Tot Ion:101 Resp: 239555  
 Ion Ratio Lower Upper  
 101 100  
 103 68.1 53.1 79.7

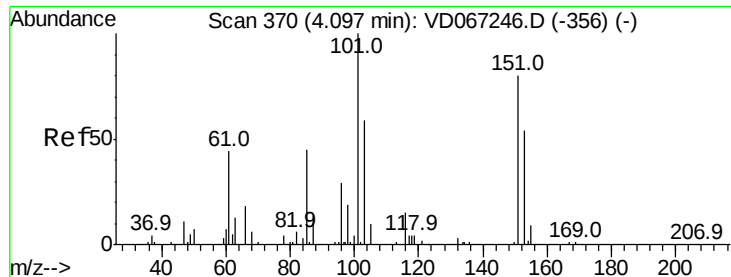


#8

Diethyl Ether  
 Concen: 50.014 ug/l  
 RT: 3.70 min Scan# 303  
 Delta R.T. 0.00 min  
 Lab File: VD067424.D  
 Acq: 27 Oct 2020 20:59

Tgt Ion: 74 Resp: 61855  
 Ion Ratio Lower Upper  
 74 100  
 45 79.2 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.284 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

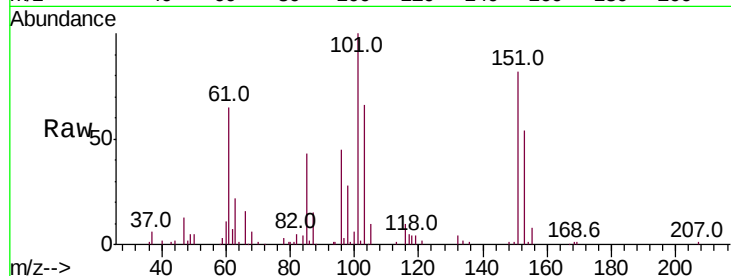
Tot Ion:101 Resp: 130032

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

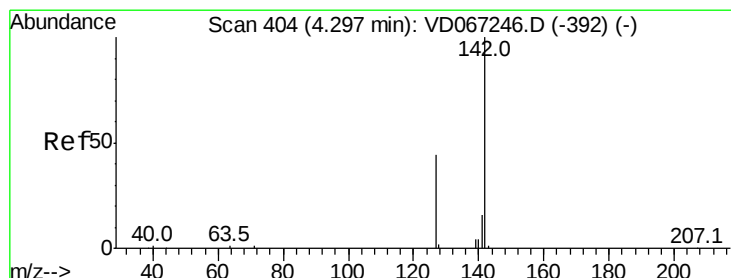
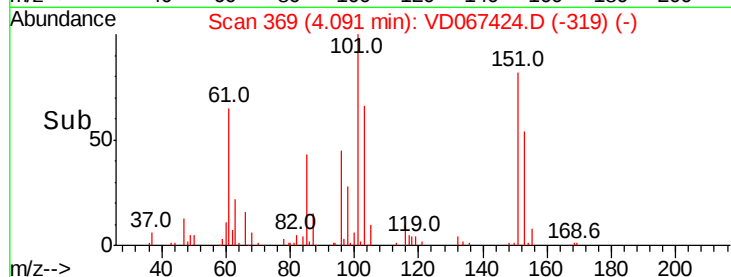
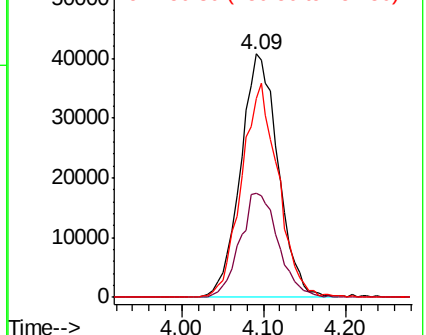
151 86.1 66.3 99.5



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: 45.239 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

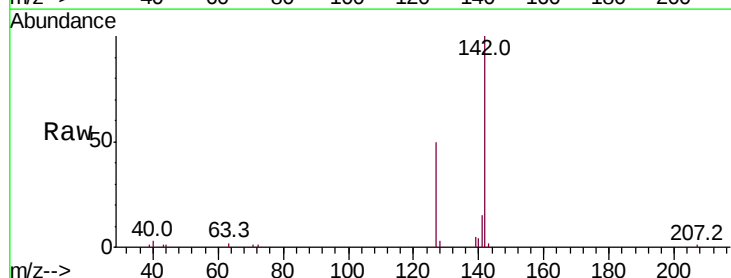
Tgt Ion:142 Resp: 119833

Ion Ratio Lower Upper

142 100

127 47.7 38.4 57.6

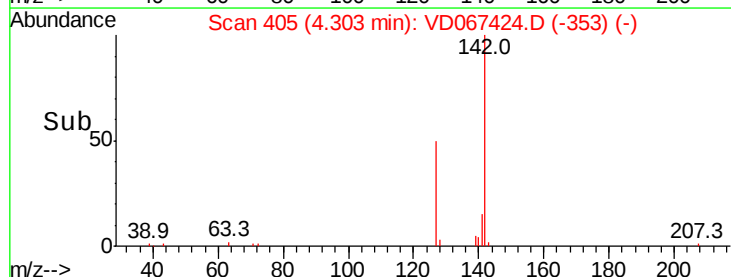
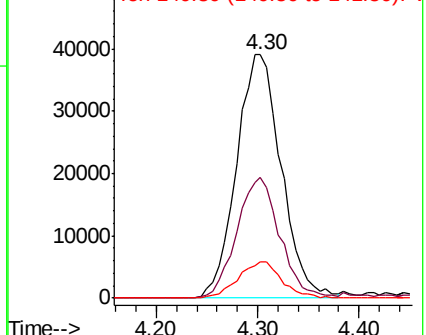
141 14.7 11.6 17.4

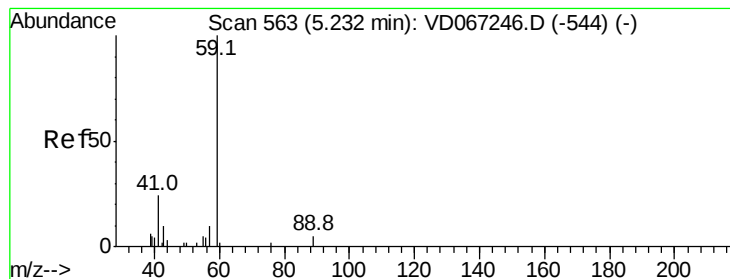


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 260.212 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.02 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

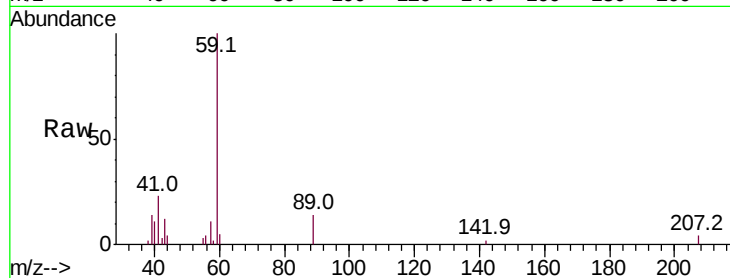
VSTDCCC050EC

Tot Ion: 59 Resp: 41827

Ion Ratio Lower Upper

59 100

57 6.3 5.1 7.7



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

12000

10000

8000

6000

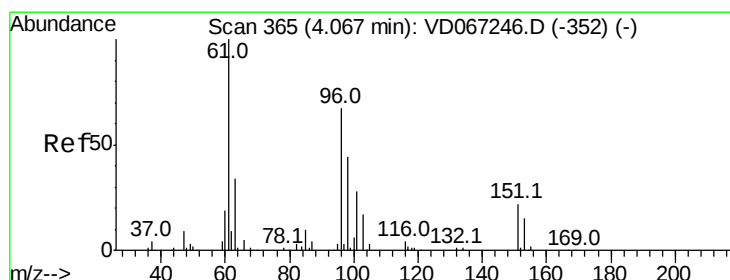
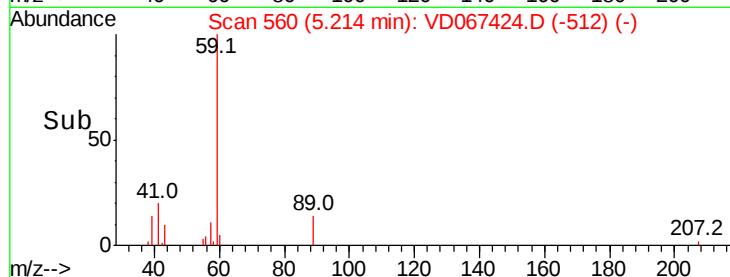
4000

2000

0

Time-->

5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 46.395 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

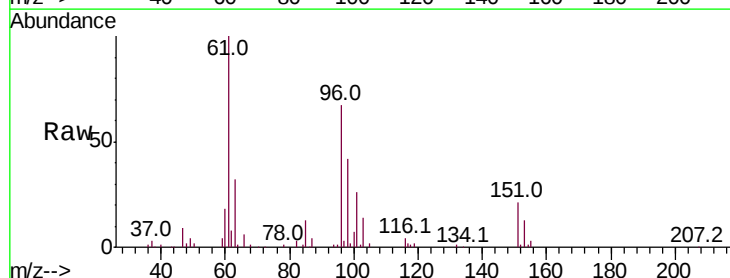
Tgt Ion: 96 Resp: 119018

Ion Ratio Lower Upper

96 100

61 149.7 118.6 177.8

98 63.1 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

4.07

80000

60000

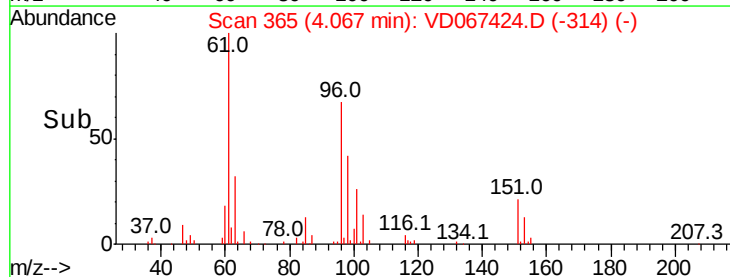
40000

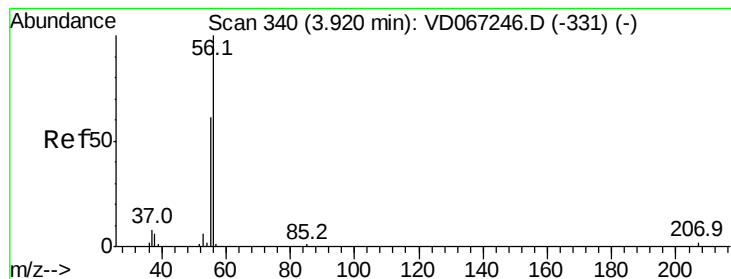
20000

0

Time-->

4.00 4.10 4.20





#13

Acrolein

Concen: 212.854 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

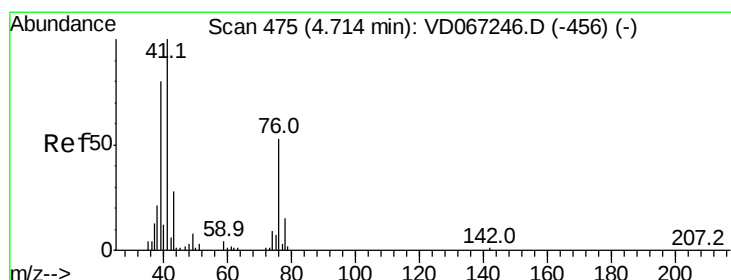
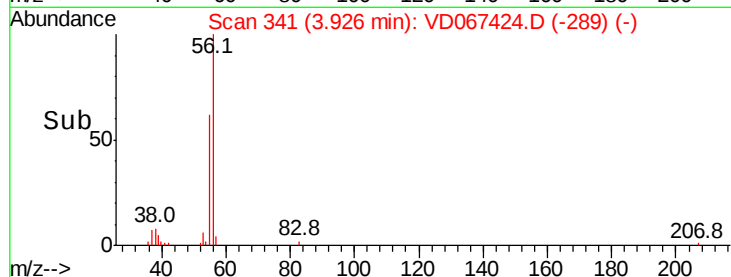
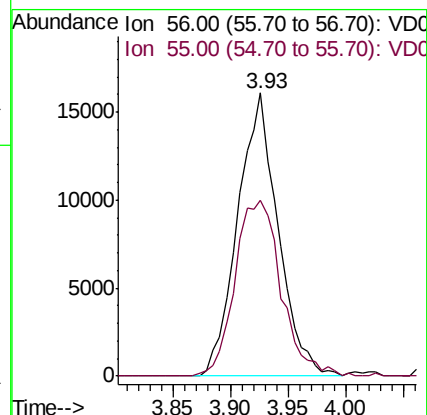
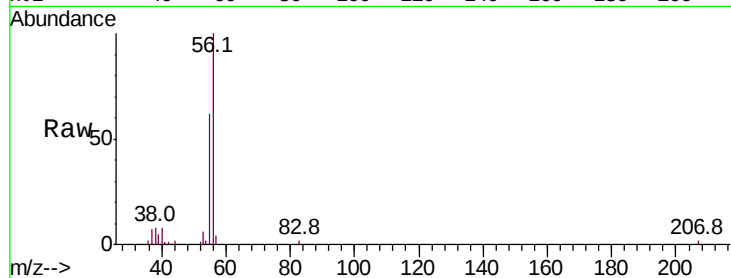
VSTDCCC050EC

Tot Ion: 56 Resp: 38959

Ion Ratio Lower Upper

56 100

55 71.0 56.0 84.0



#14

Allyl chloride

Concen: 50.144 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

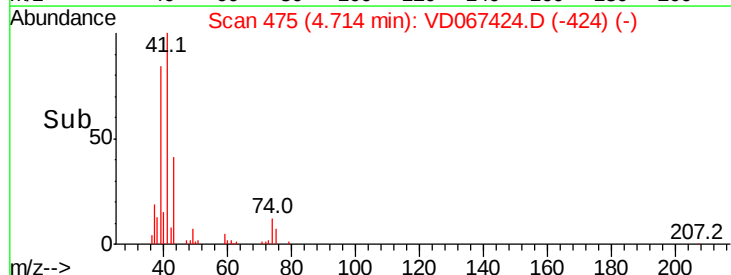
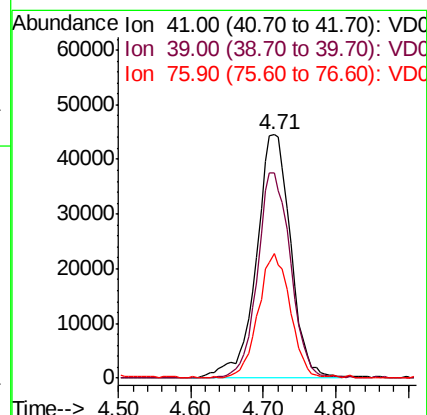
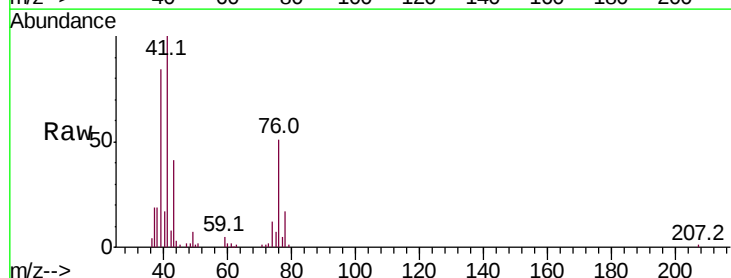
Tgt Ion: 41 Resp: 147313

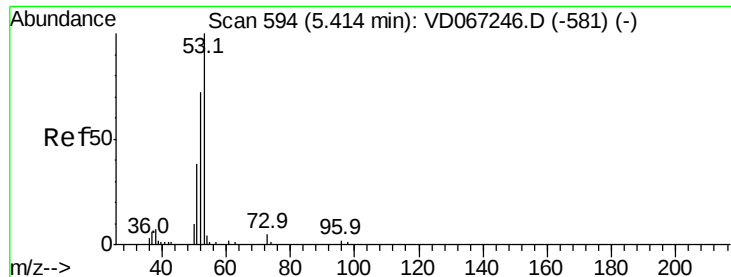
Ion Ratio Lower Upper

41 100

39 81.1 63.8 95.6

76 47.8 40.4 60.6





#15

Acrylonitrile

Concen: 268.550 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

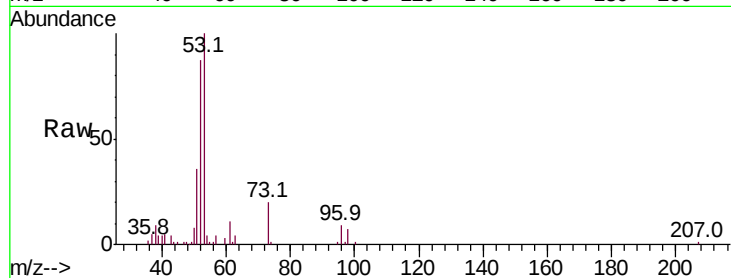
Tot Ion: 53 Resp: 110822

Ion Ratio Lower Upper

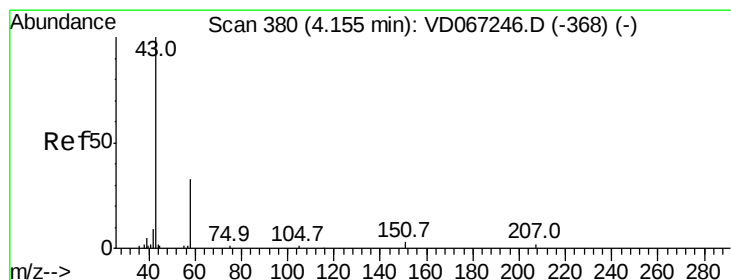
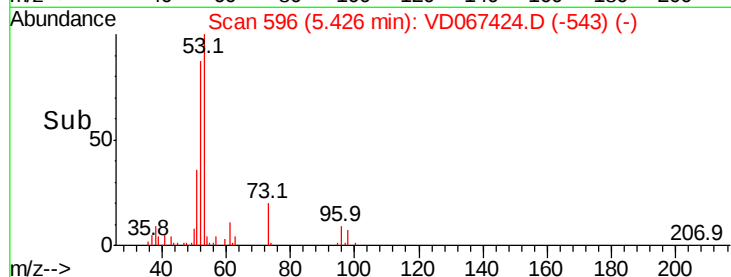
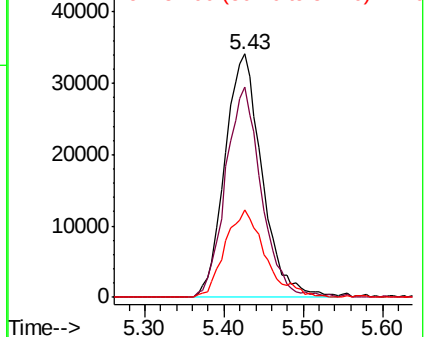
53 100

52 82.9 65.6 98.4

51 38.7 30.8 46.2



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



#16

Acetone

Concen: 245.337 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067424.D

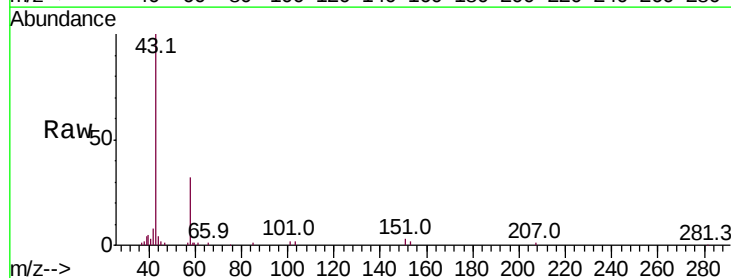
Acq: 27 Oct 2020 20:59

Tgt Ion: 43 Resp: 106997

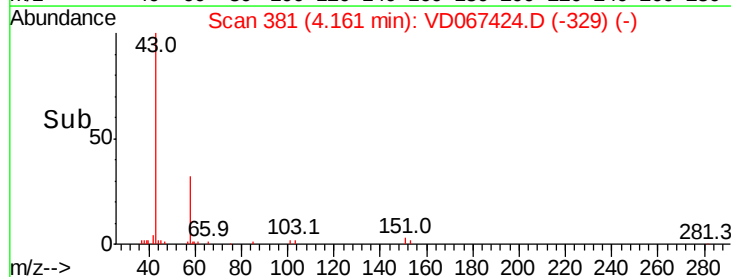
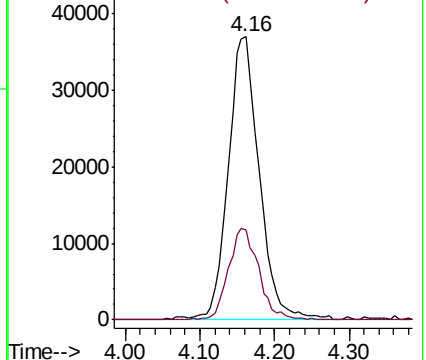
Ion Ratio Lower Upper

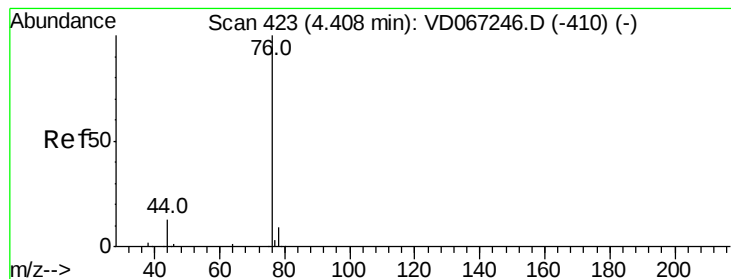
43 100

58 32.0 26.1 39.1



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





#17

Carbon Disulfide

Concen: 41.684 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

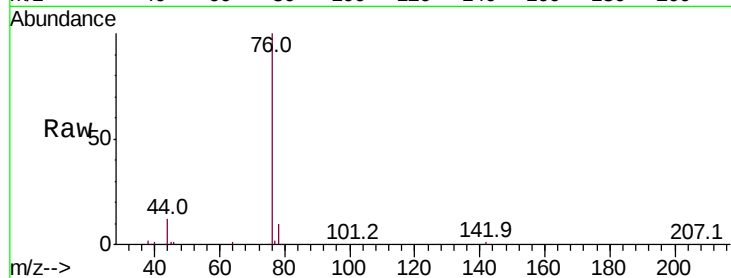
VSTDCCC050EC

Tot Ion: 76 Resp: 304846

Ion Ratio Lower Upper

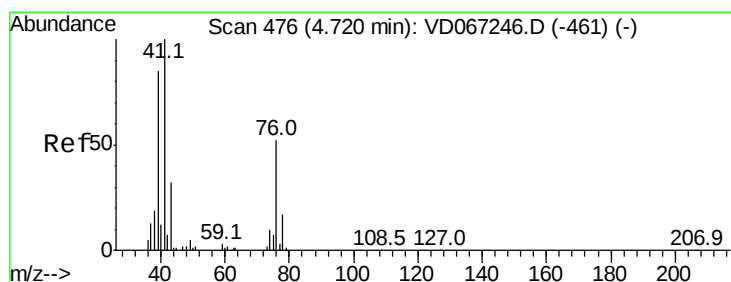
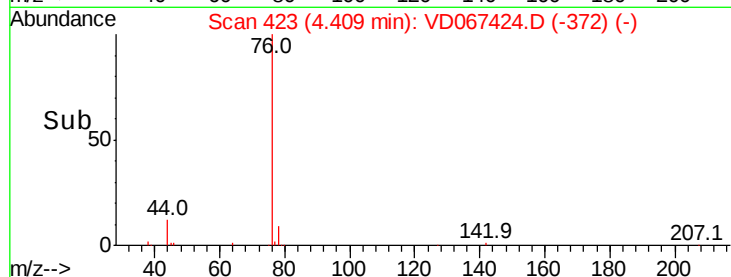
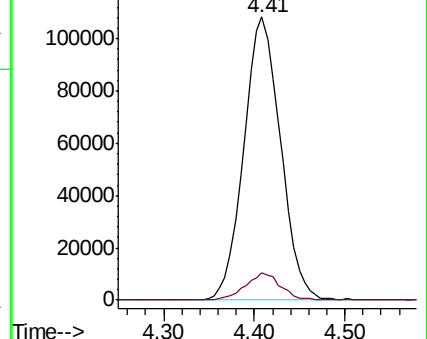
76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 52.892 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067424.D

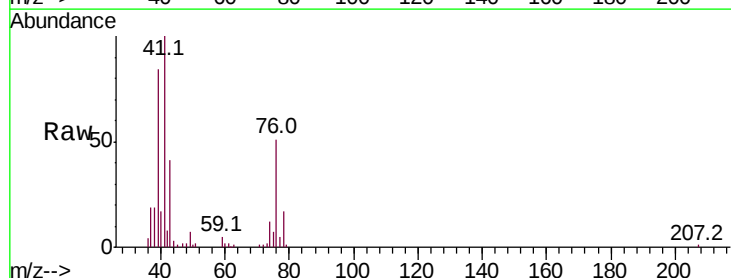
Acq: 27 Oct 2020 20:59

Tgt Ion: 43 Resp: 52614

Ion Ratio Lower Upper

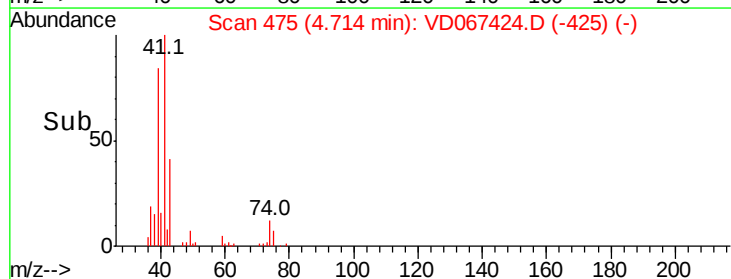
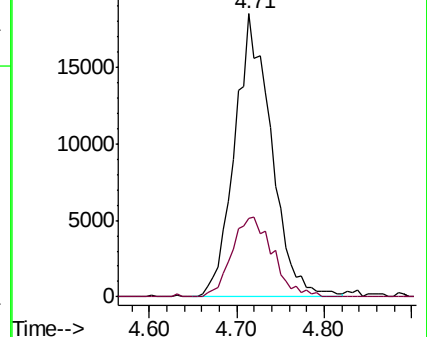
43 100

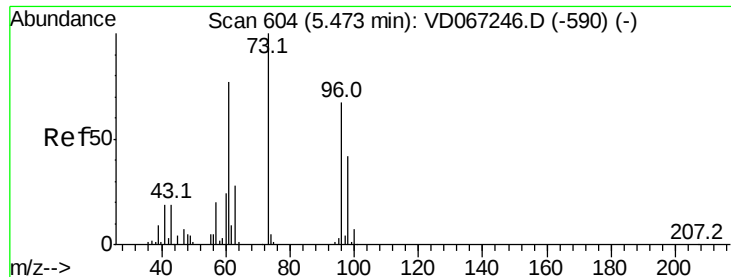
74 31.5 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





#19

Methyl tert-butyl Ether

Concen: 54.492 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

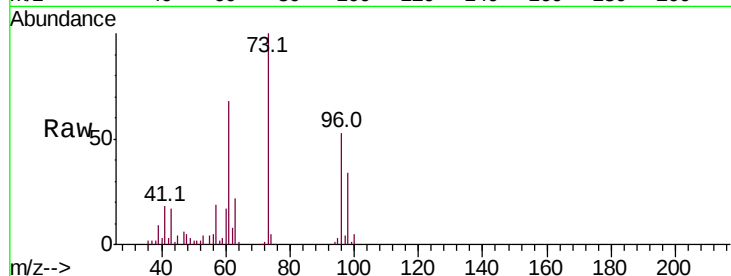
VSTDCCC050EC

Tot Ion: 73 Resp: 277957

Ion Ratio Lower Upper

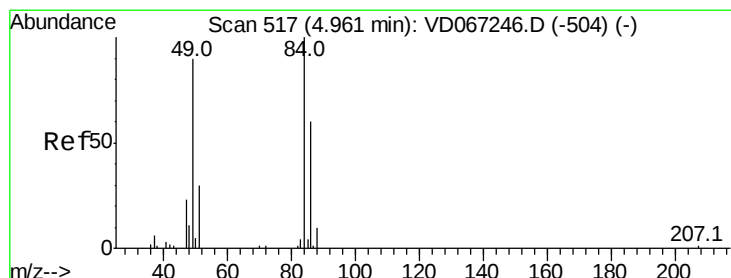
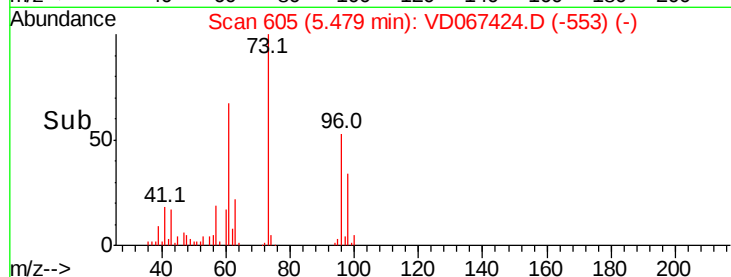
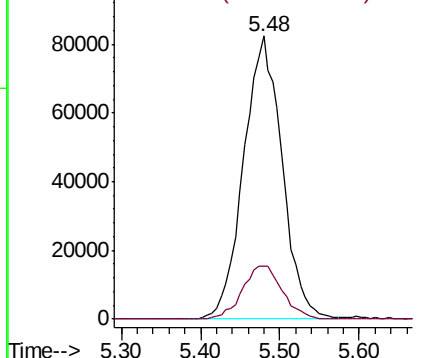
73 100

57 18.8 15.7 23.5



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#20

Methylene Chloride

Concen: 56.372 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Tgt Ion: 84 Resp: 155881

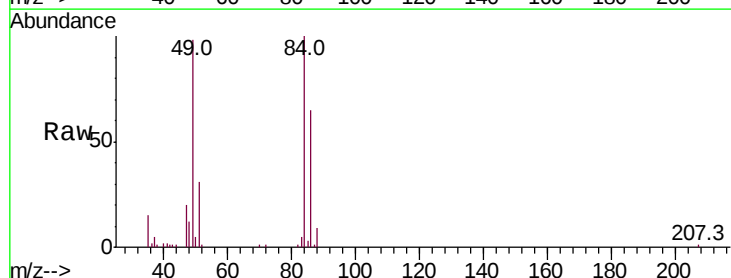
Ion Ratio Lower Upper

84 100

49 97.5 72.2 108.2

51 30.8 23.8 35.8

86 65.5 48.2 72.4

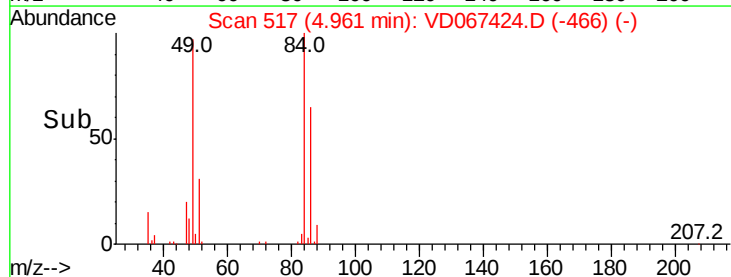
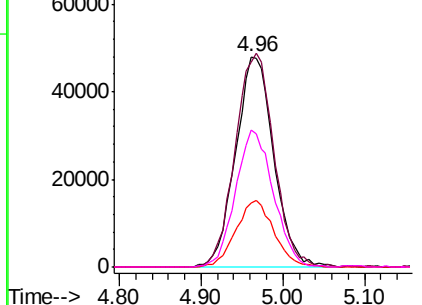


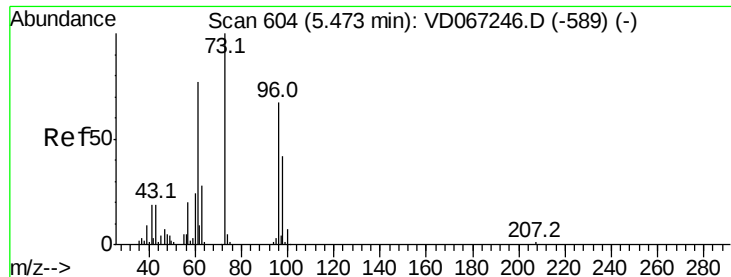
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 50.163 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

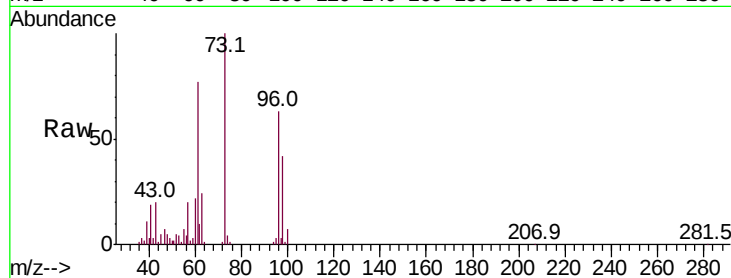
Tot Ion: 96 Resp: 148088

Ion Ratio Lower Upper

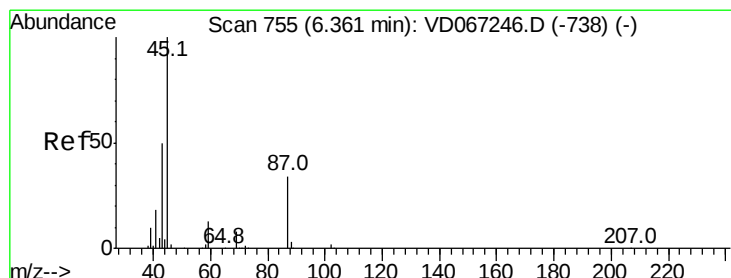
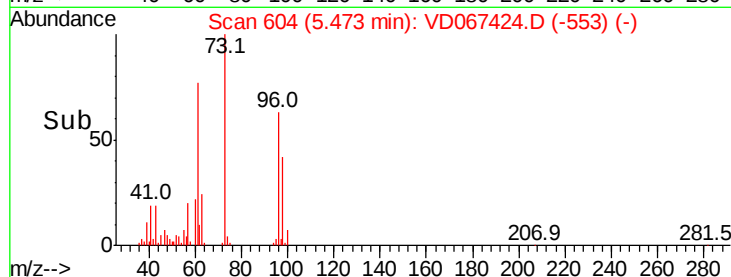
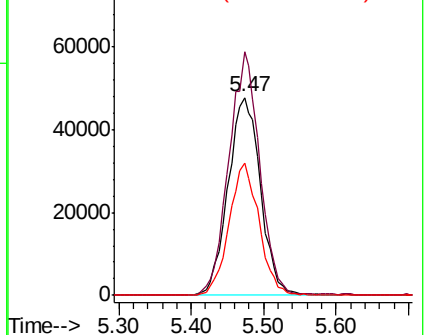
96 100

61 123.1 92.0 138.0

98 66.7 49.8 74.8



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



#22

Diisopropyl ether

Concen: 54.927 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Tgt Ion: 45 Resp: 294775

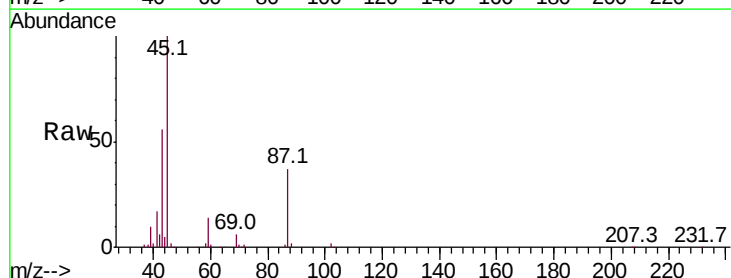
Ion Ratio Lower Upper

45 100

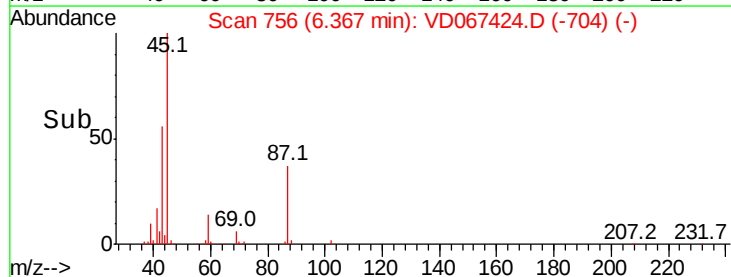
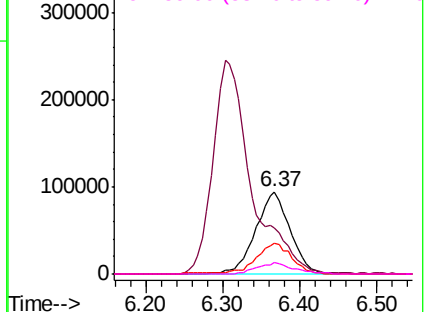
43 54.7 48.0 72.0

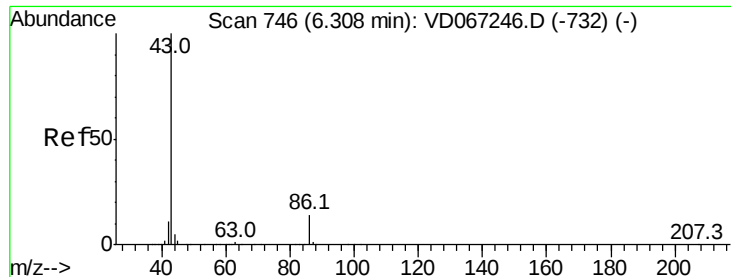
87 37.2 28.5 42.7

59 13.9 10.5 15.7



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: 277.823 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

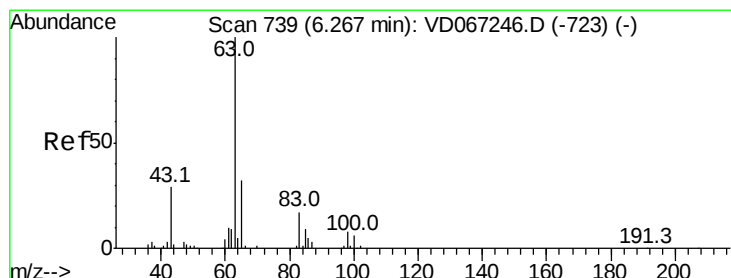
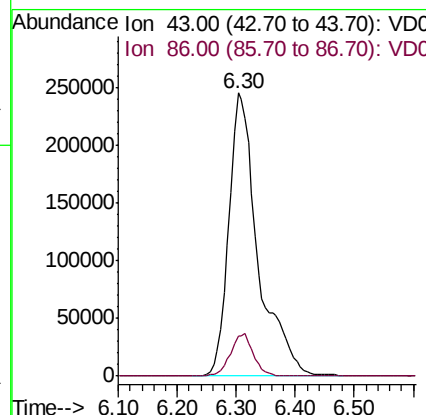
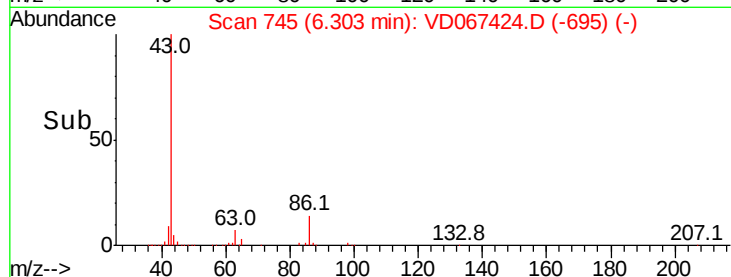
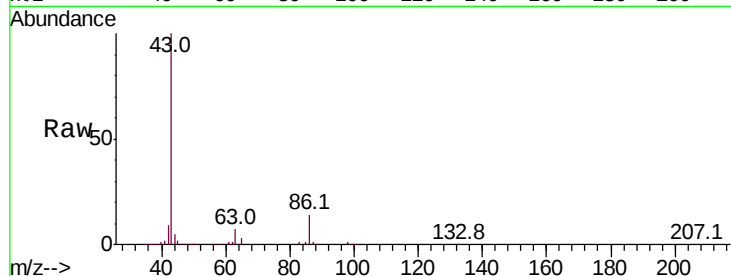
VSTDCCC050EC

Tot Ion: 43 Resp: 848244

Ion Ratio Lower Upper

43 100

86 14.2 11.0 16.6



#24

1,1-Dichloroethane

Concen: 52.041 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

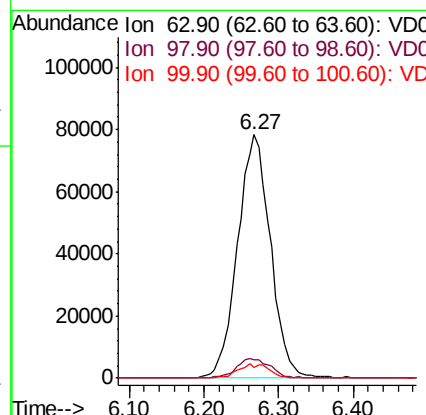
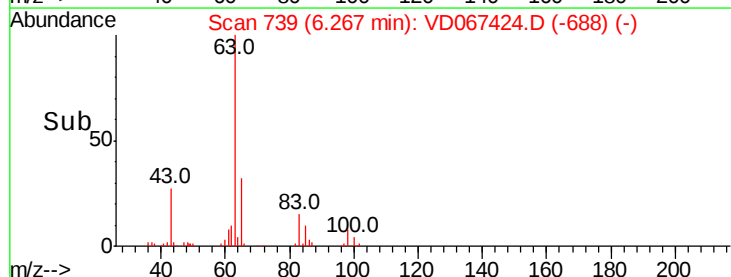
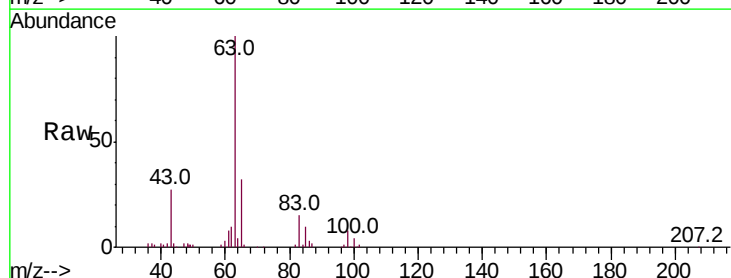
Tgt Ion: 63 Resp: 239068

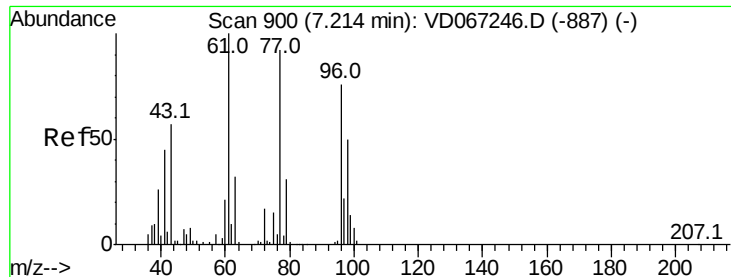
Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.2

100 4.2 2.8 8.4

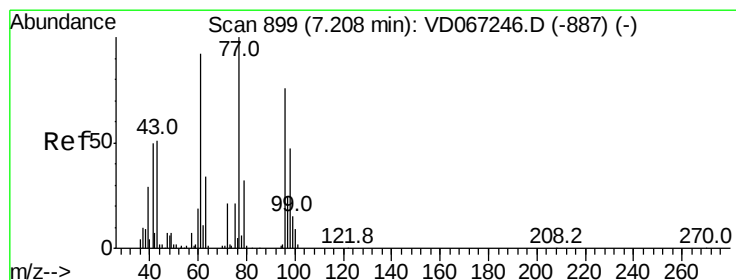
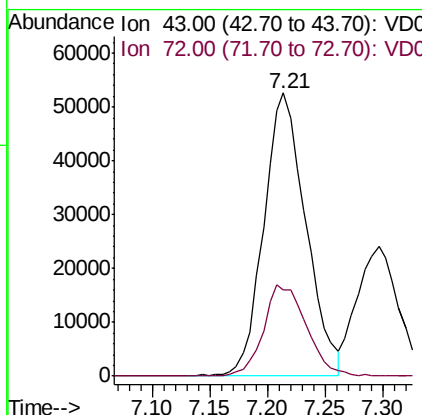
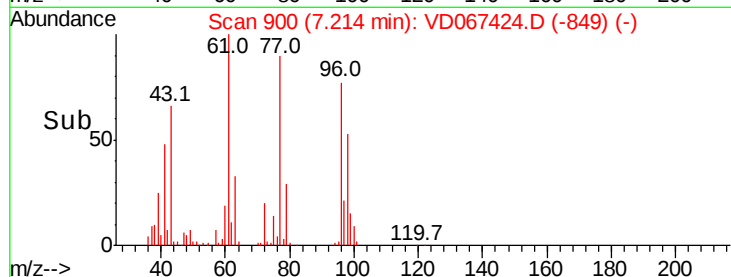
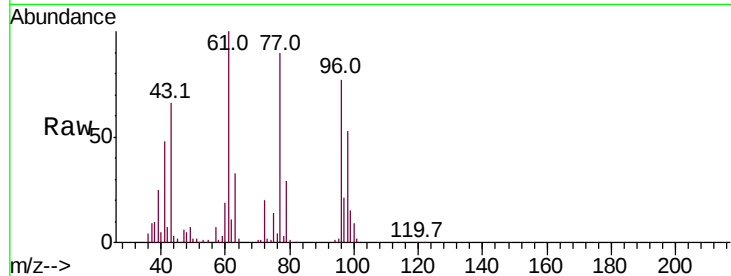




#25  
2-Butanone  
Concen: 268.503 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

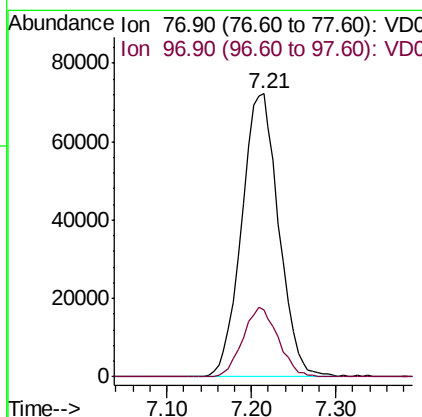
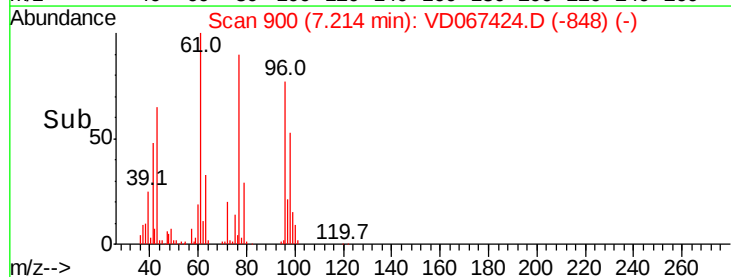
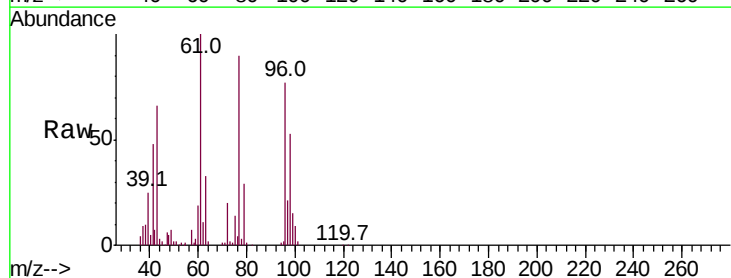
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

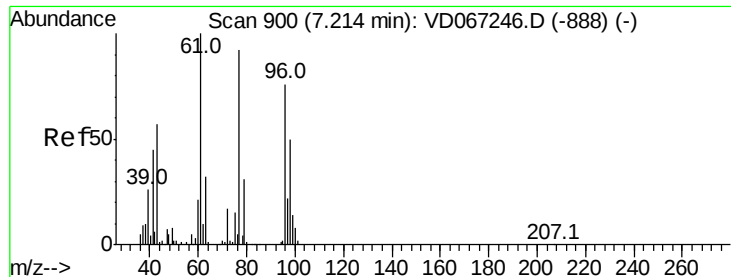
Tot Ion: 43 Resp: 133482  
Ion Ratio Lower Upper  
43 100  
72 30.5 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 46.536 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. 0.01 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Tgt Ion: 77 Resp: 220351  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.4 34.2



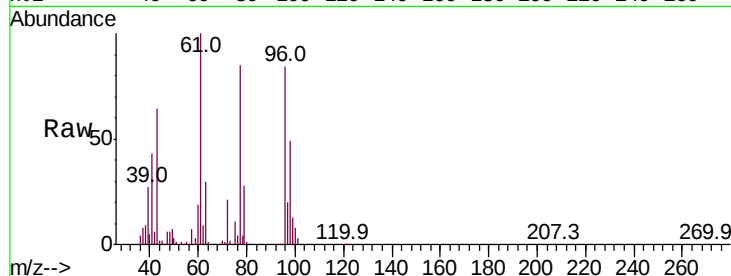


#27

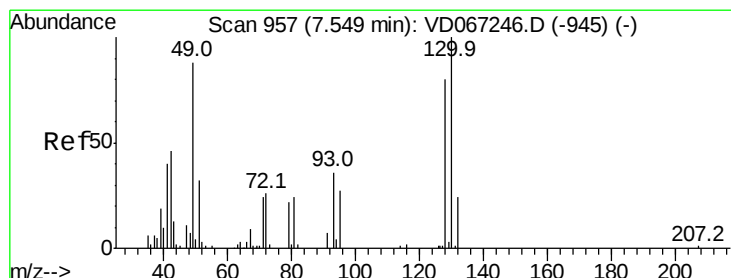
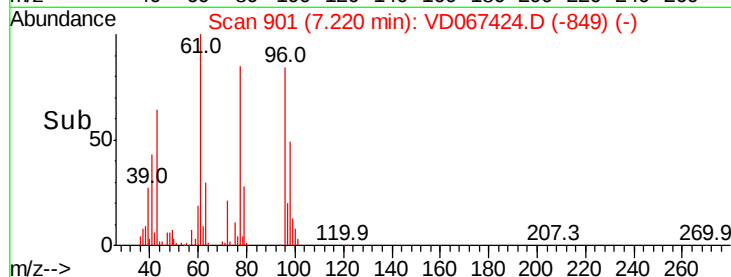
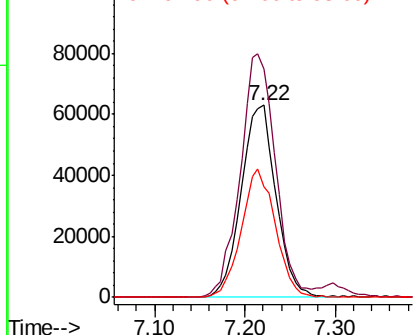
cis-1,2-Dichloroethene  
Concen: 52.206 ug/l  
RT: 7.22 min Scan# 901  
Delta R.T. 0.01 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 96 Resp: 168908  
Ion Ratio Lower Upper  
96 100  
61 127.6 0.0 255.4  
98 65.0 0.0 128.0



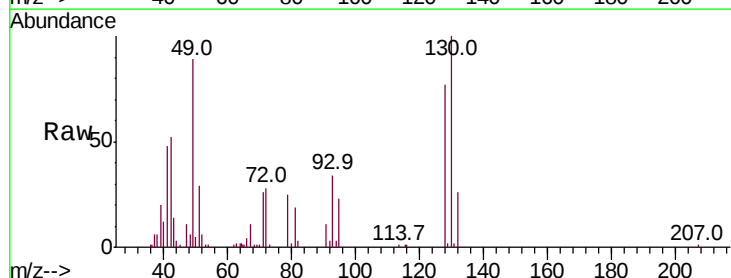
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC  
Ion 97.90 (97.60 to 98.60): VDC



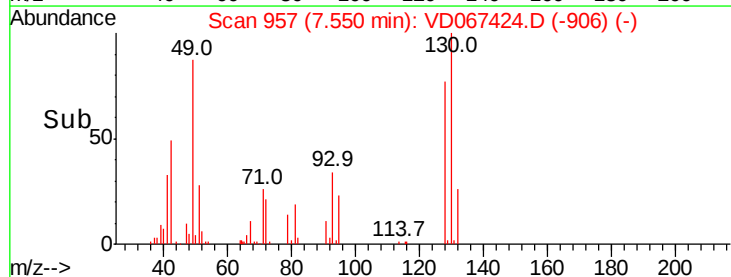
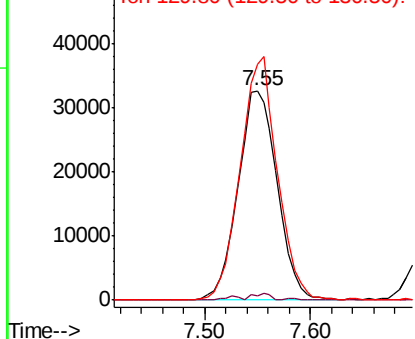
#28

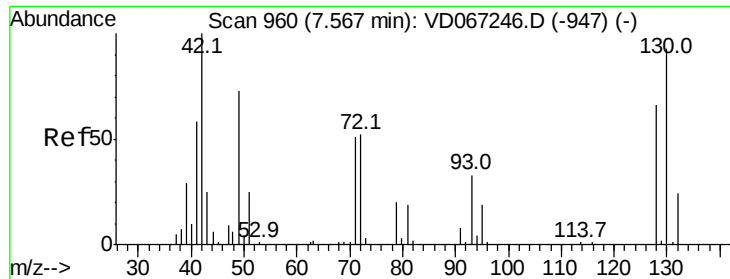
Bromochloromethane  
Concen: 53.822 ug/l  
RT: 7.55 min Scan# 957  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Tgt Ion: 49 Resp: 84334  
Ion Ratio Lower Upper  
49 100  
129 1.4 0.0 1.6  
130 109.8 91.0 136.6



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





#29

Tetrahydrofuran

Concen: 276.301 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

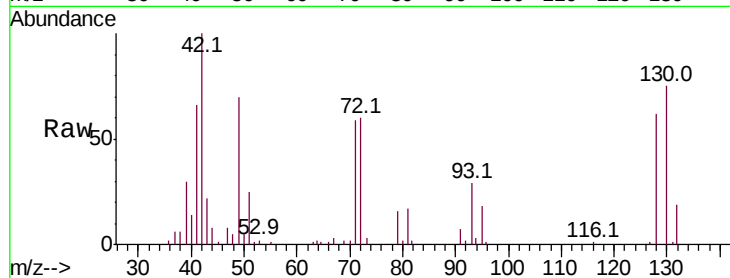
Tot Ion: 42 Resp: 76355

Ion Ratio Lower Upper

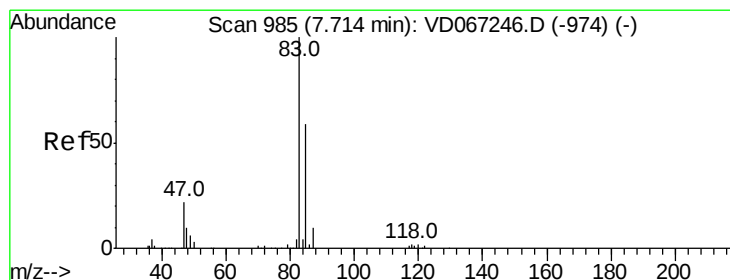
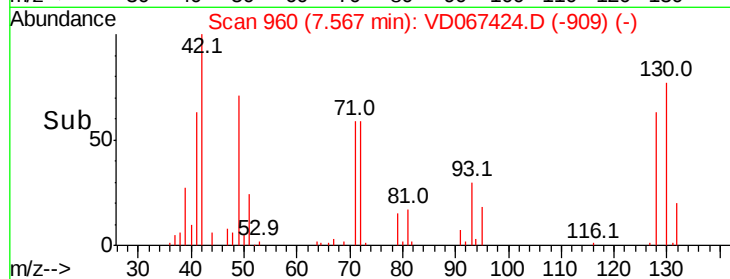
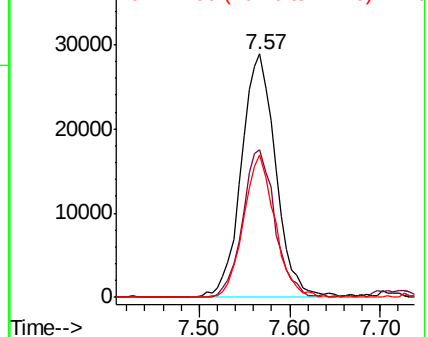
42 100

72 56.6 43.2 64.8

71 53.3 39.4 59.0



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: 52.094 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067424.D

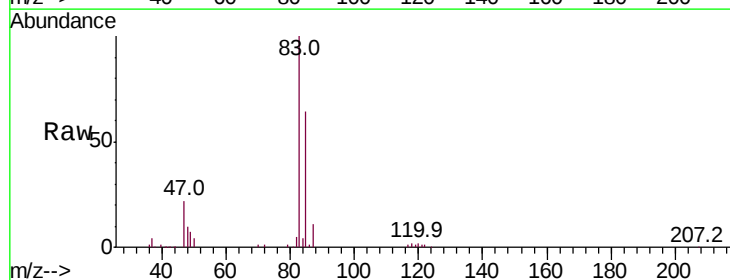
Acq: 27 Oct 2020 20:59

Tgt Ion: 83 Resp: 285886

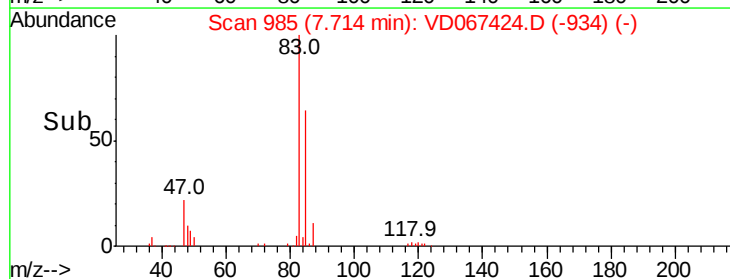
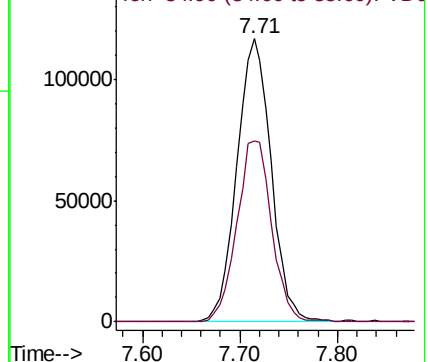
Ion Ratio Lower Upper

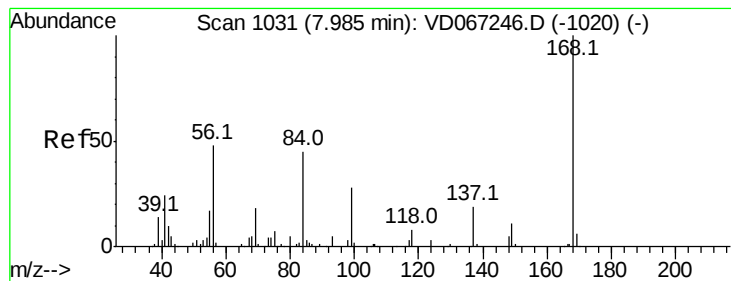
83 100

85 64.0 47.3 70.9



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





#31

Cyclohexane

Concen: 41.135 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

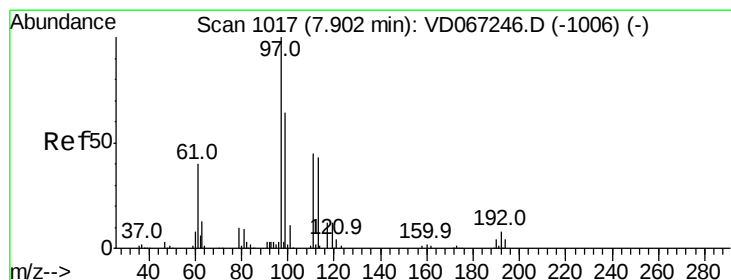
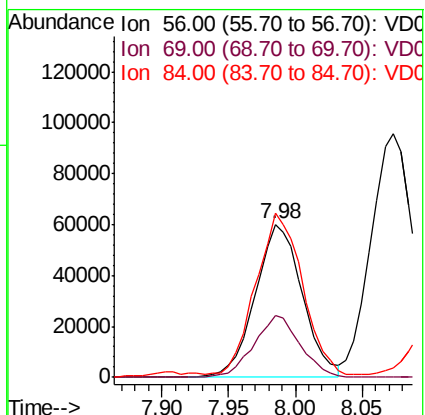
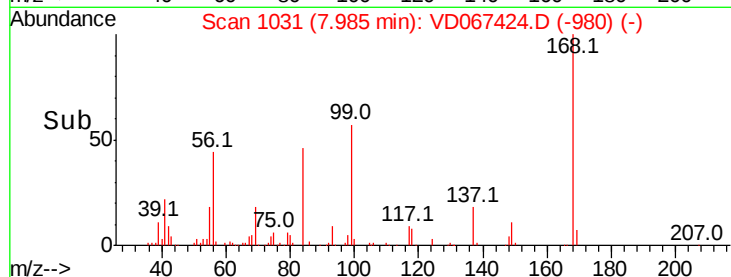
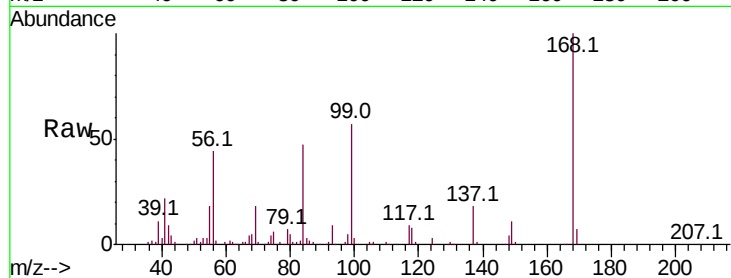
Tot Ion: 56 Resp: 147538

Ion Ratio Lower Upper

56 100

69 40.1 29.8 44.6

84 104.4 76.6 114.8



#32

1,1,1-Trichloroethane

Concen: 49.464 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

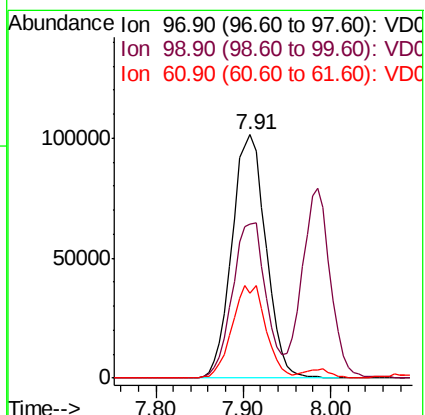
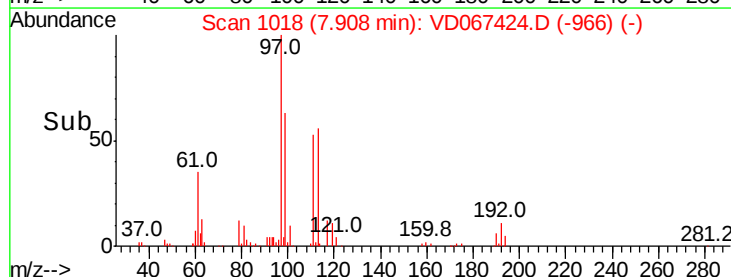
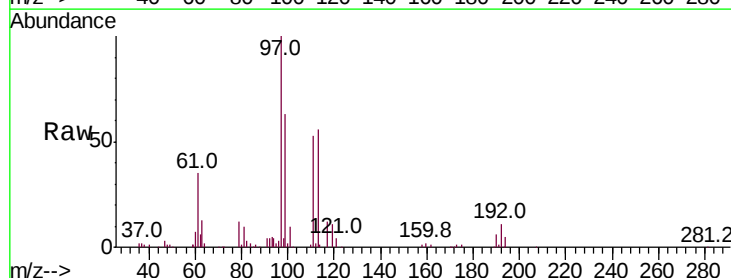
Tgt Ion: 97 Resp: 266338

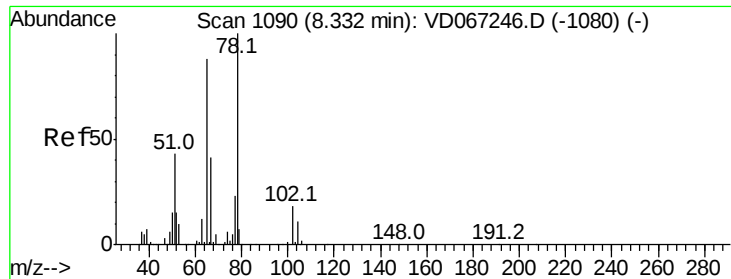
Ion Ratio Lower Upper

97 100

99 62.7 50.2 75.4

61 37.8 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 51.249 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

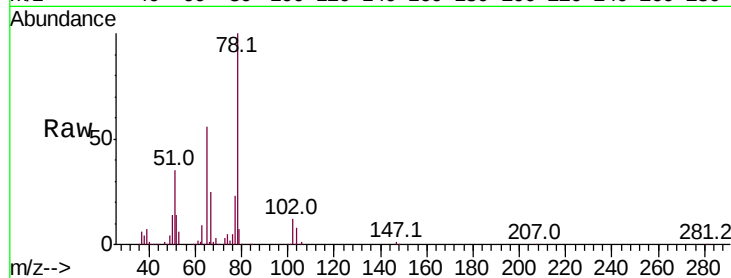
VSTDCCC050EC

Tot Ion: 65 Resp: 159591

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

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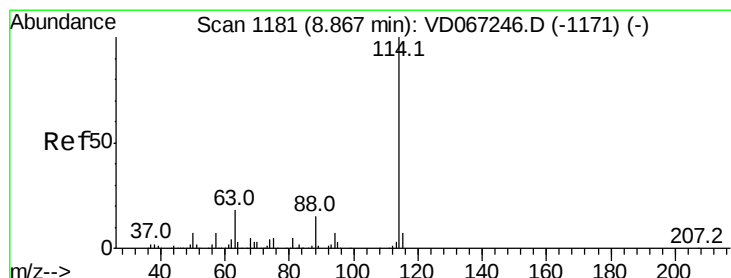
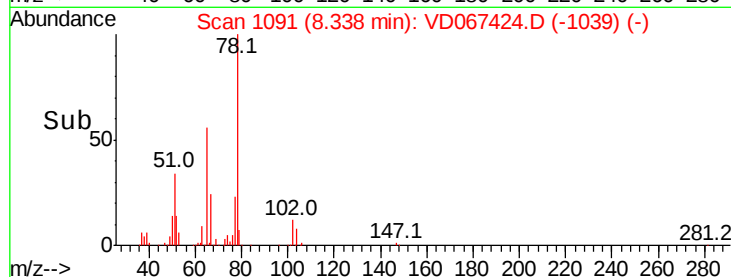
8.34

8.34

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8.34



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

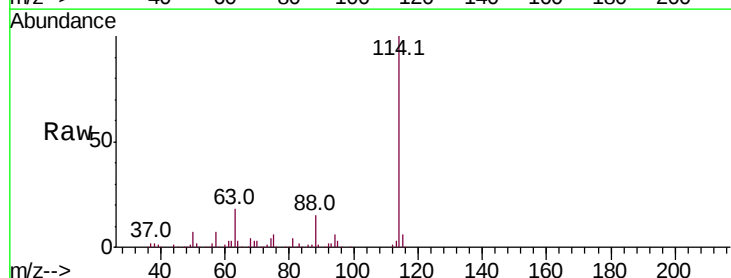
Tgt Ion:114 Resp: 475283

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 15.2 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

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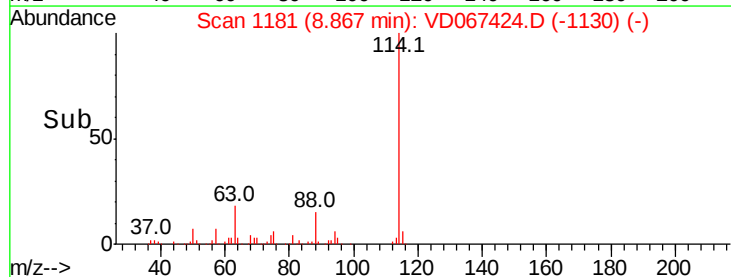
8.87

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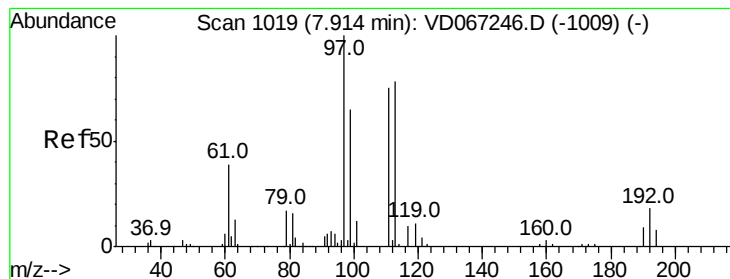
8.87

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8.87

8.87



#35

Dibromofluoromethane

Concen: 53.972 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

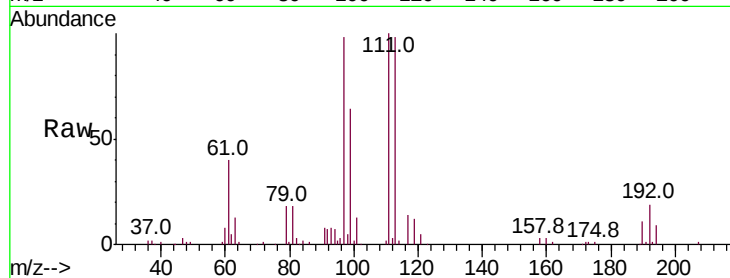
Tot Ion:113 Resp: 170715

Ion Ratio Lower Upper

113 100

111 100.3 81.6 122.4

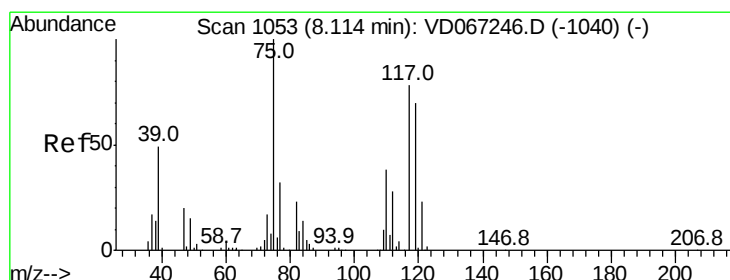
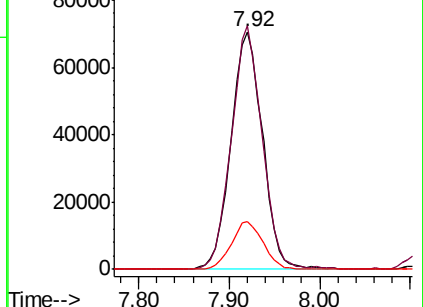
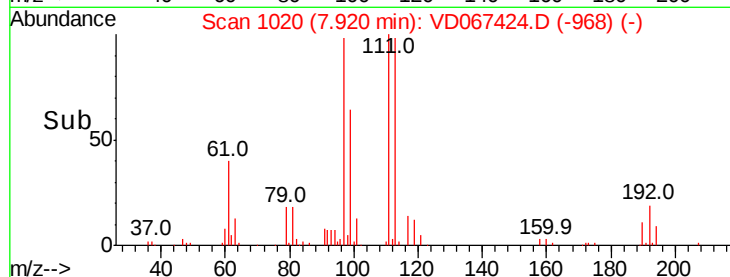
192 20.2 17.0 25.4



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: 46.605 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

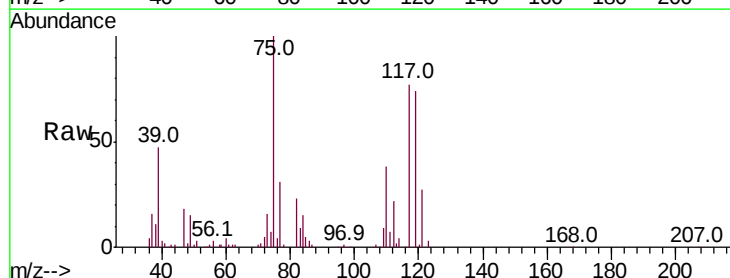
Tgt Ion: 75 Resp: 187740

Ion Ratio Lower Upper

75 100

110 39.4 19.6 58.7

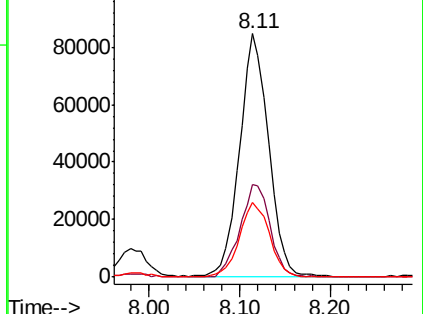
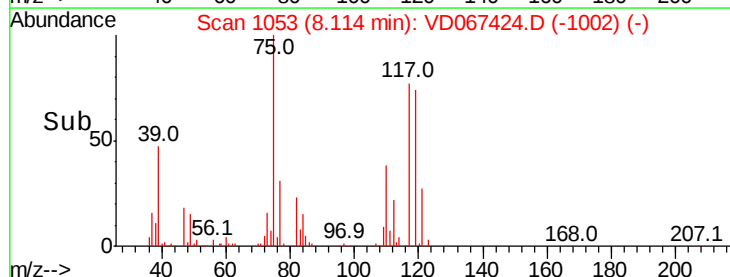
77 31.9 24.6 37.0

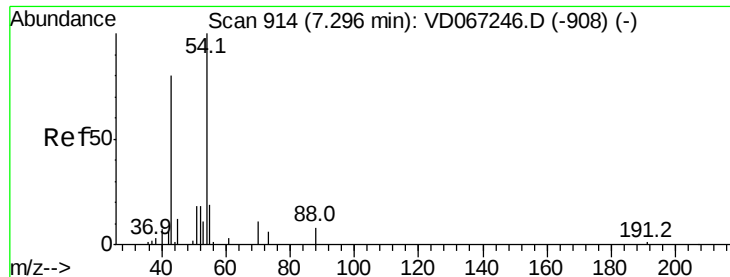


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

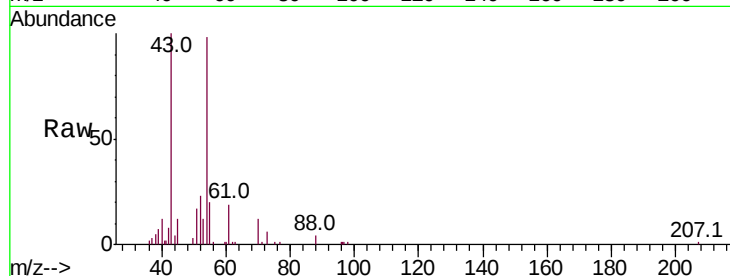




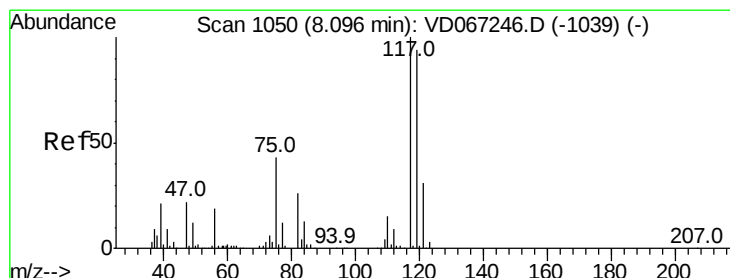
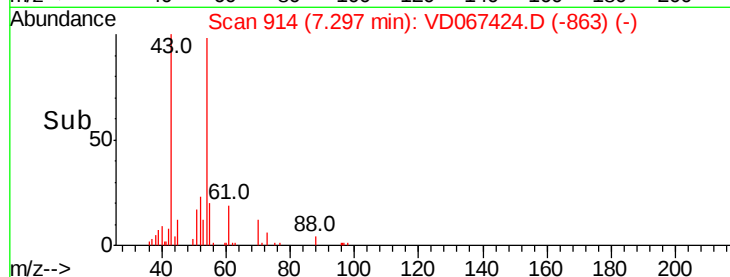
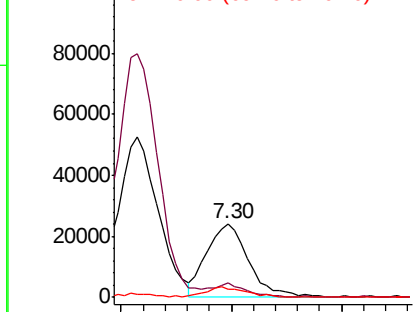
#37  
Ethyl Acetate  
Concen: 52.794 ug/l  
RT: 7.30 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 62572  
Ion Ratio Lower Upper  
43 100  
61 15.9 15.6 23.4  
70 13.7 10.4 15.6

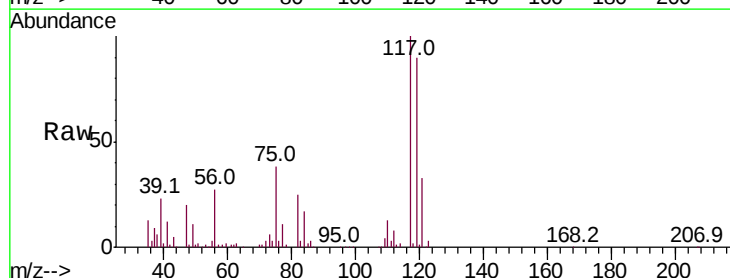


Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 60.90 (60.60 to 61.60): VDC  
Ion 70.00 (69.70 to 70.70): VDC

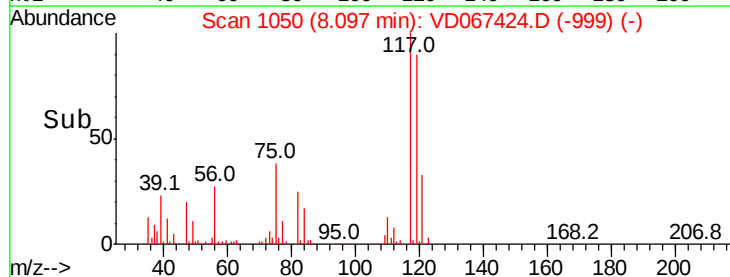
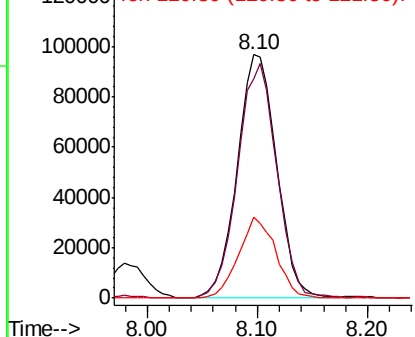


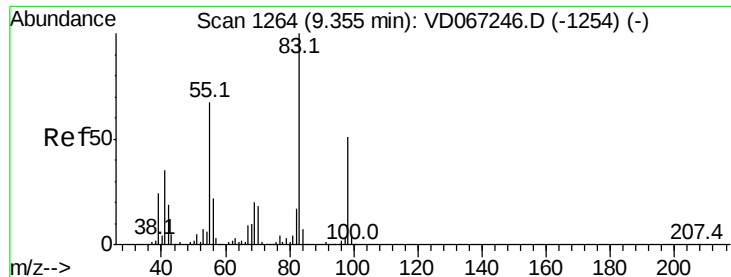
#38  
Carbon Tetrachloride  
Concen: 47.171 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Tgt Ion: 117 Resp: 242863  
Ion Ratio Lower Upper  
117 100  
119 90.1 75.0 112.4  
121 33.5 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

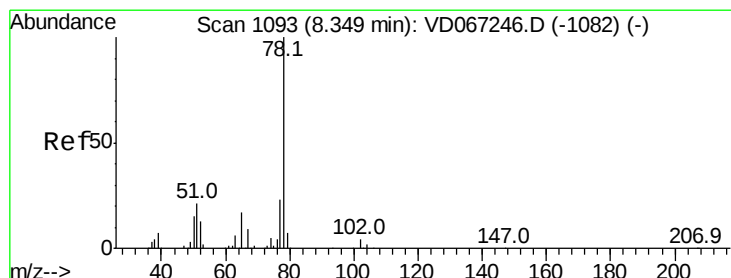
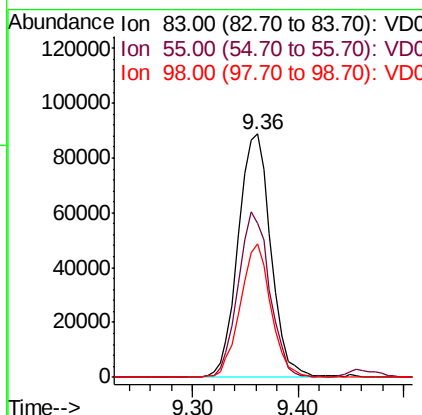
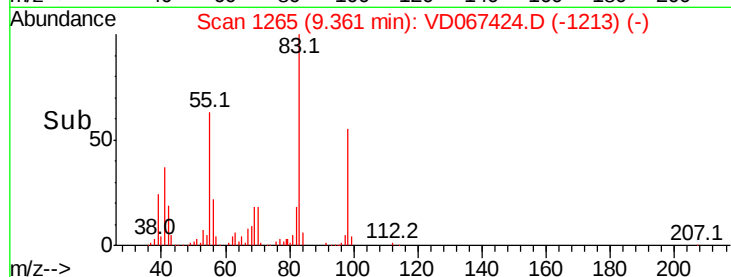
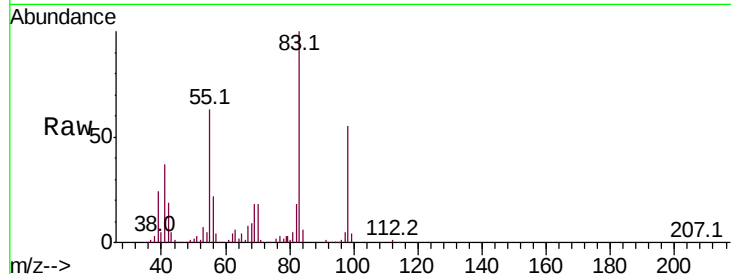




#39  
Methvlcvclohexane  
Concen: 45.236 ug/l  
RT: 9.36 min Scan# 1265  
Delta R.T. 0.01 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

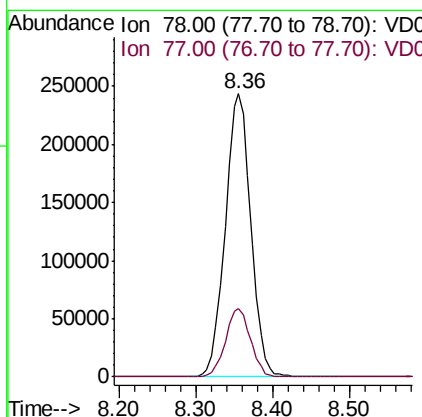
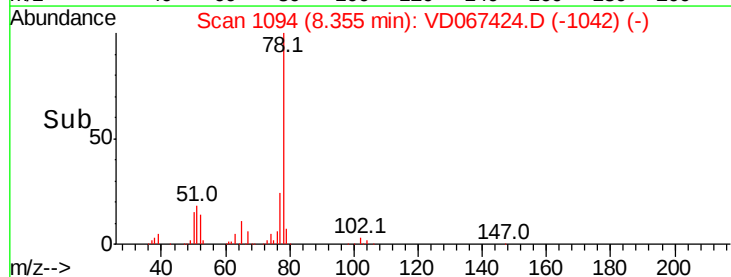
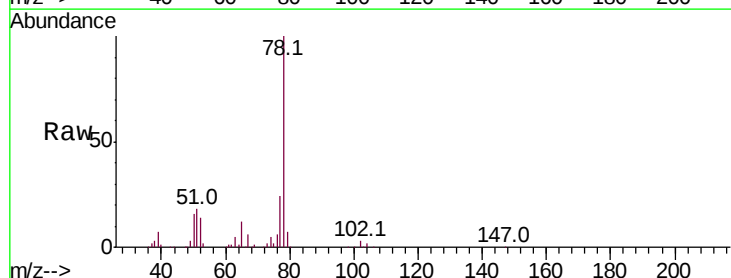
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

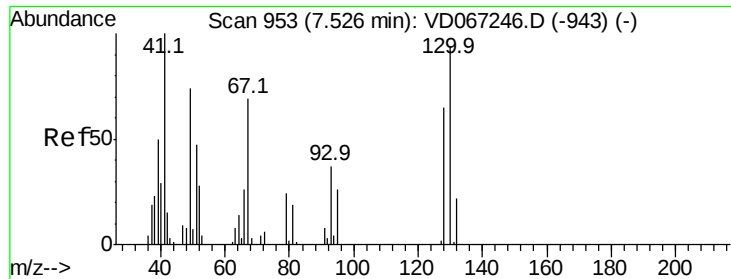
Tot Ion: 83 Resp: 190505  
Ion Ratio Lower Upper  
83 100  
55 63.3 53.3 79.9  
98 54.8 41.0 61.4



#40  
Benzene  
Concen: 50.912 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. 0.01 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Tgt Ion: 78 Resp: 562644  
Ion Ratio Lower Upper  
78 100  
77 24.1 18.3 27.5

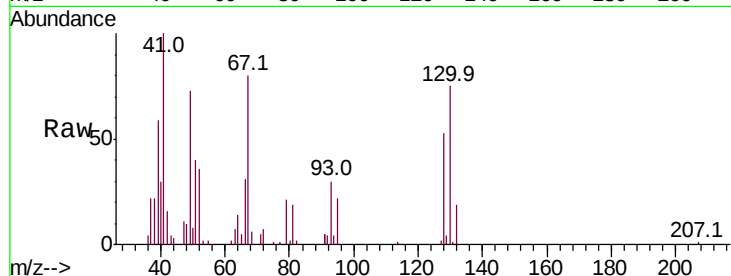




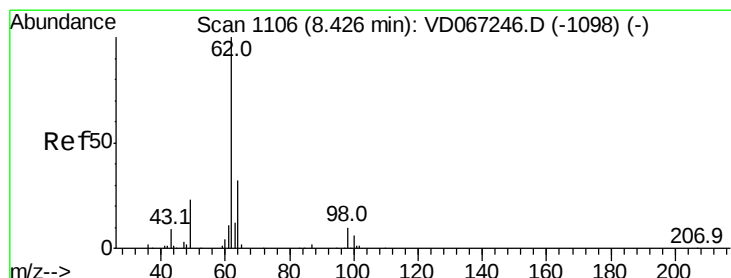
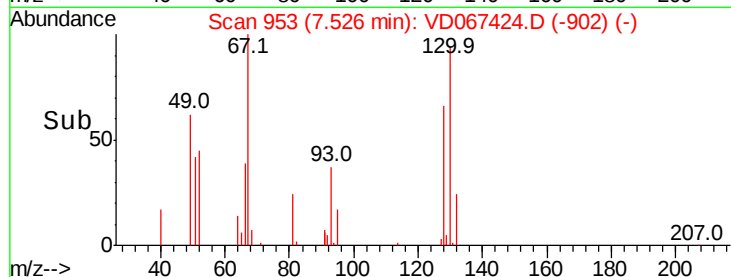
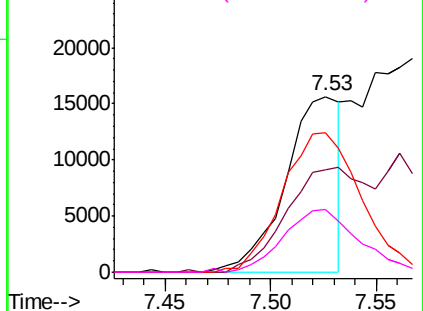
#41  
Methacrylonitrile  
Concen: 44.233 ug/l  
RT: 7.53 min Scan# 953  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 28330 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 89.3  | 60.0  | 90.0  |
| 67       | 113.7 | 88.9  | 133.3 |
| 52       | 50.3  | 36.9  | 55.3  |

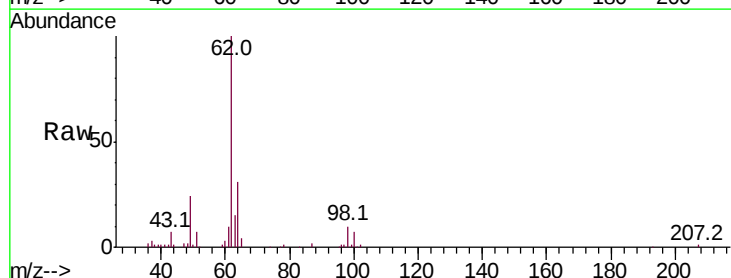


Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

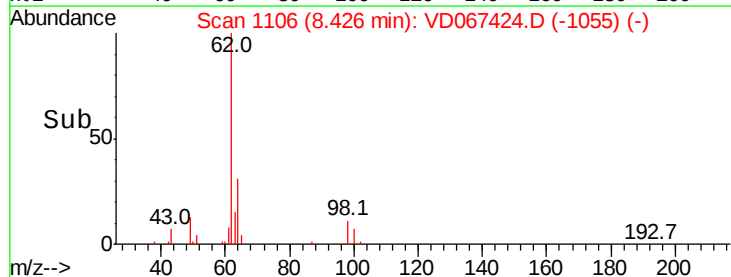
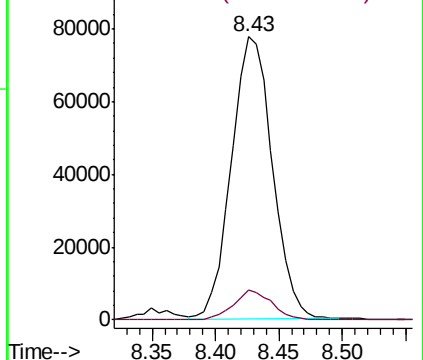


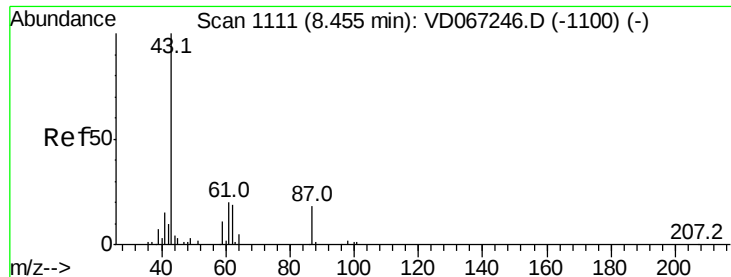
#42  
1,2-Dichloroethane  
Concen: 50.353 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 174146 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.9   | 0.0   | 19.4   |



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





#43

Isopropyl Acetate

Concen: 53.401 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

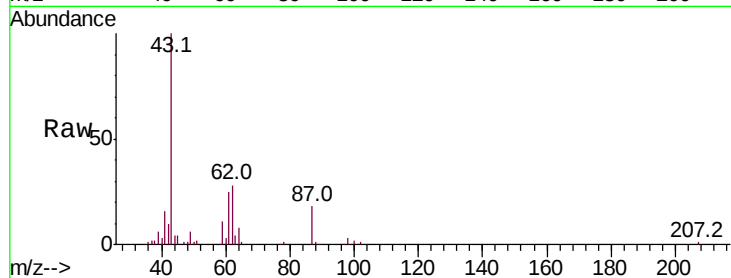
MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 125586

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 35.5  | 29.5  | 44.3  |
| 87  | 18.5  | 14.2  | 21.4  |

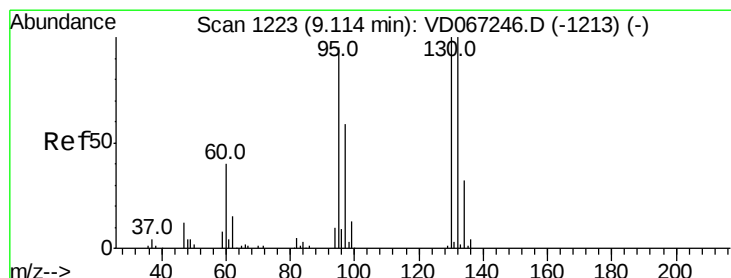
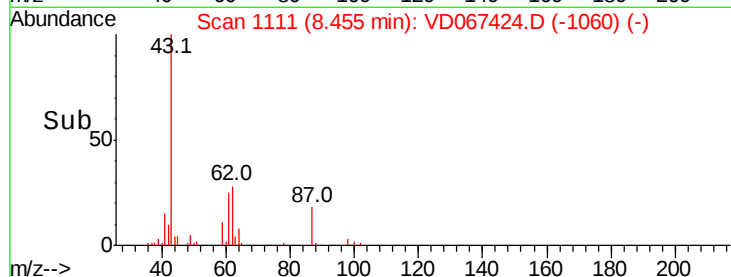
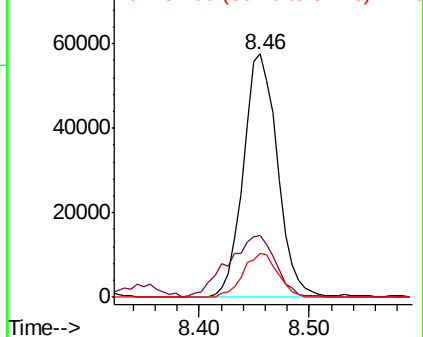


Abundance

Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.715 ug/l

RT: 9.11 min Scan# 1223

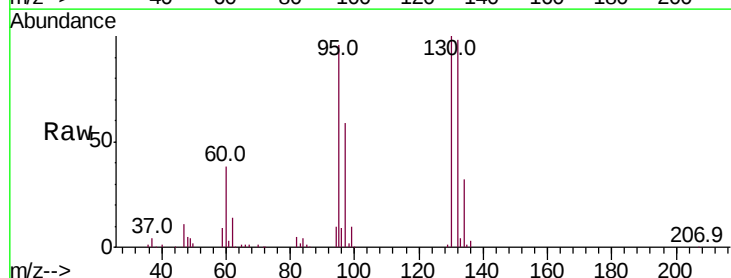
Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Tgt Ion:130 Resp: 175910

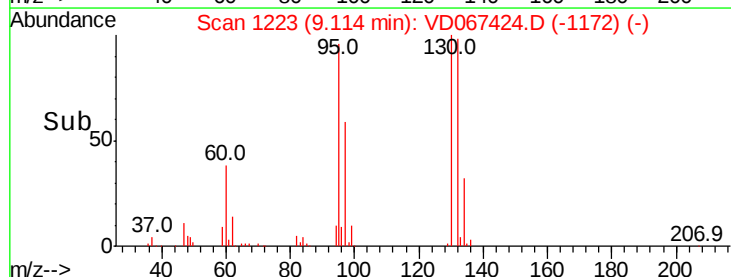
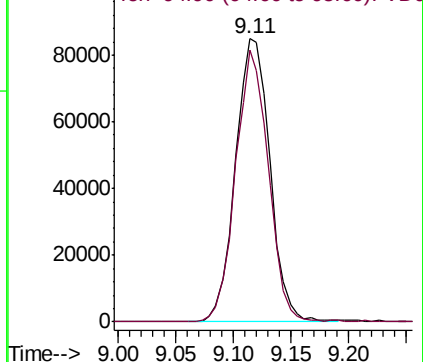
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 96.1  | 0.0   | 190.6 |

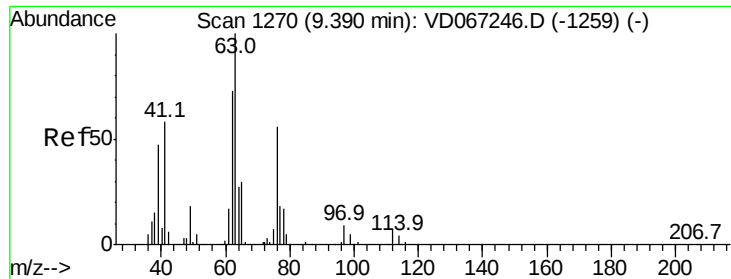


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.536 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

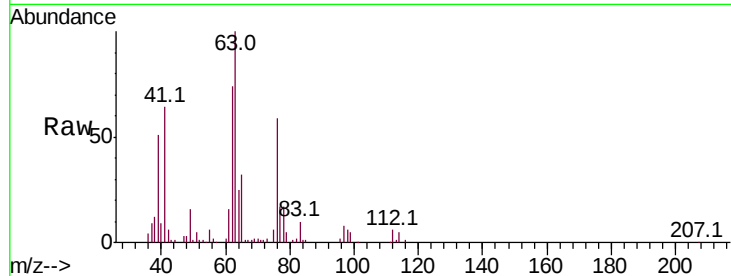
VSTDCCC050EC

Tot Ion: 63 Resp: 129435

Ion Ratio Lower Upper

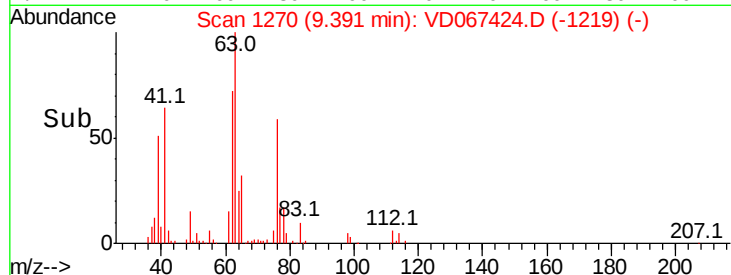
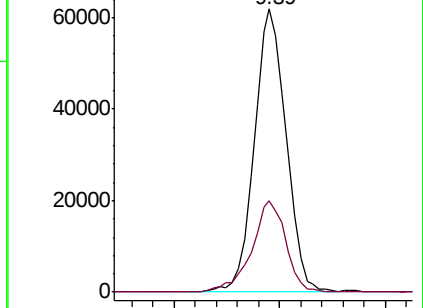
63 100

65 32.1 24.6 36.8

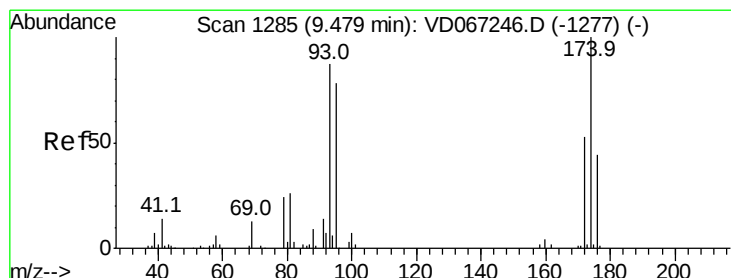


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



Time-->



#46

Dibromomethane

Concen: 51.960 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

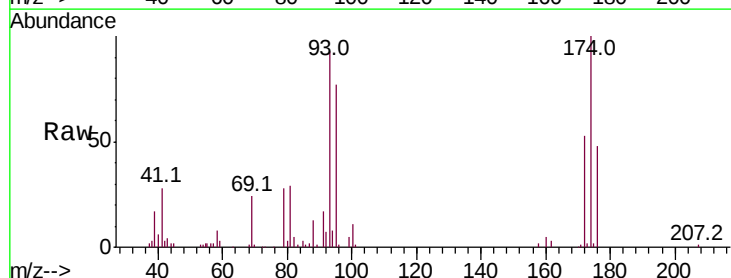
Tgt Ion: 93 Resp: 82916

Ion Ratio Lower Upper

93 100

95 83.9 68.0 102.0

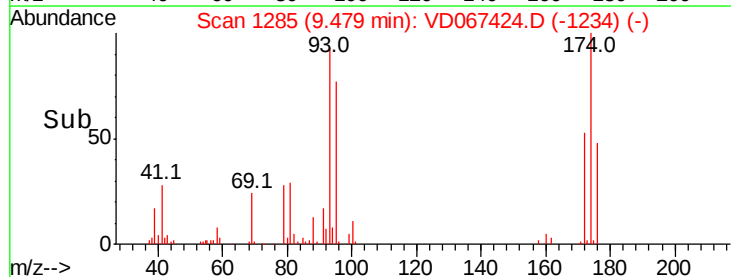
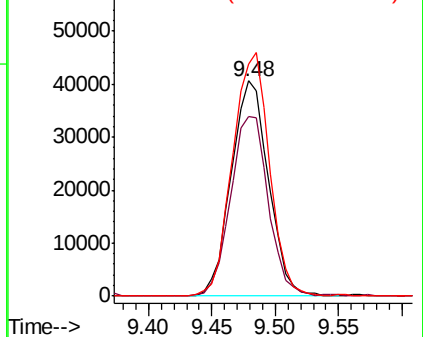
174 111.7 91.8 137.6



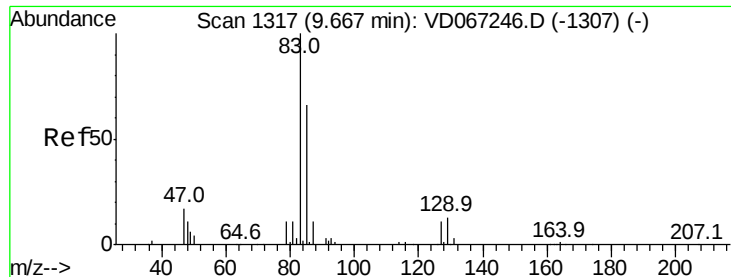
Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V



Time-->



#47

Bromodichloromethane

Concen: 52.571 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

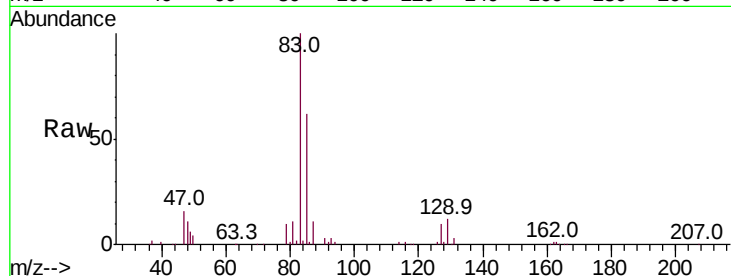
Tot Ion: 83 Resp: 224762

Ion Ratio Lower Upper

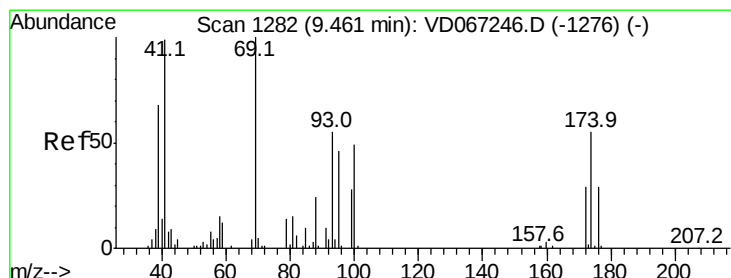
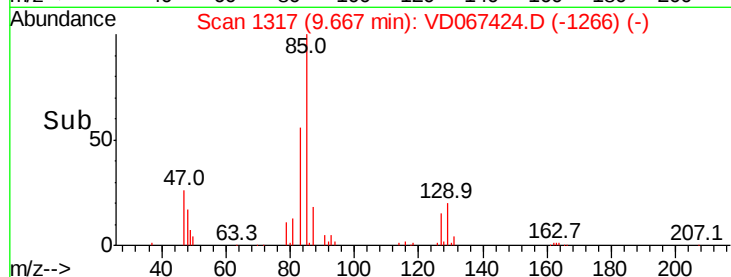
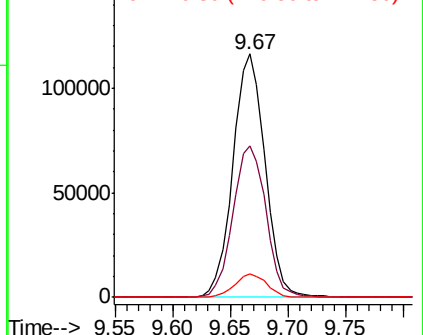
83 100

85 62.0 53.1 79.7

127 9.5 8.6 13.0



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: 59.811 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

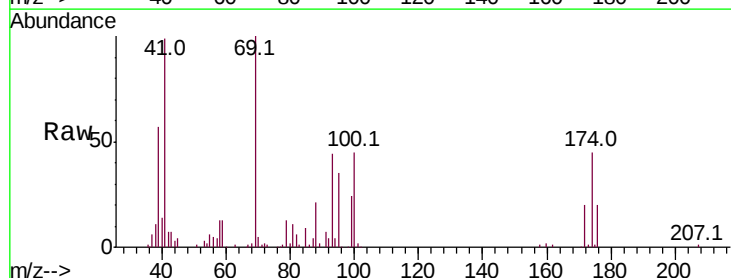
Tgt Ion: 41 Resp: 68357

Ion Ratio Lower Upper

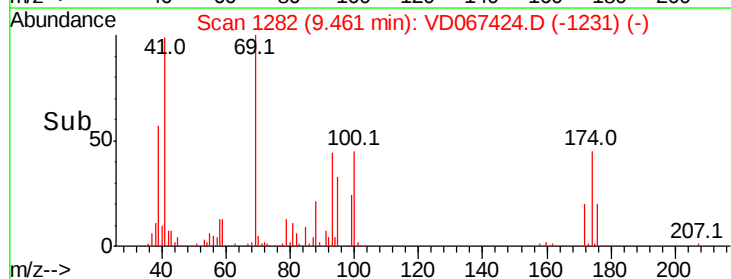
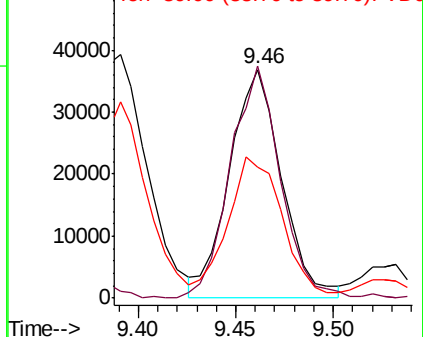
41 100

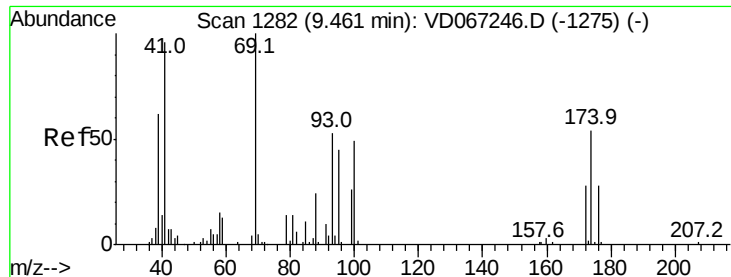
69 98.0 89.0 133.6

39 64.8 60.2 90.2



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: 1149.340 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

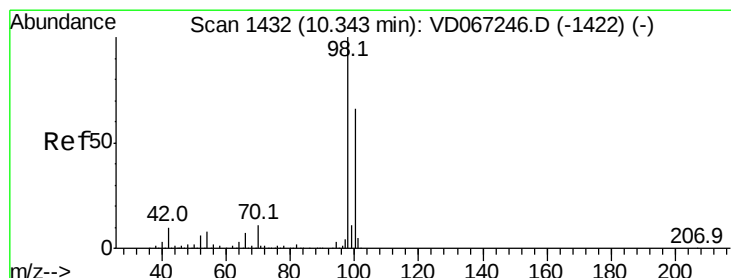
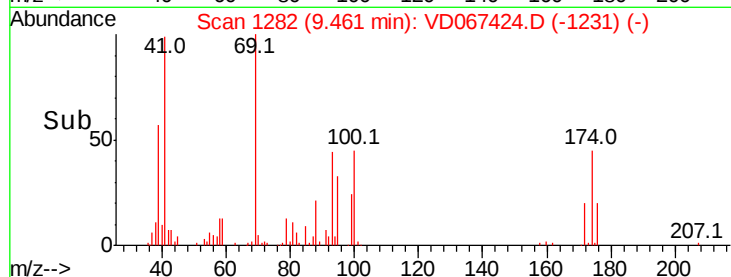
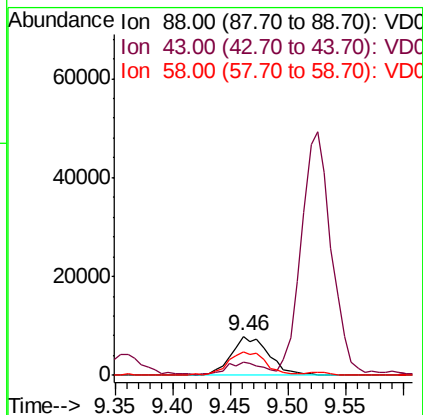
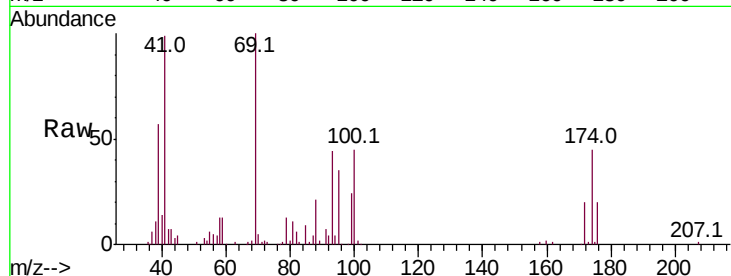
Tot Ion: 88 Resp: 17679

Ion Ratio Lower Upper

88 100

43 34.2 23.9 35.9

58 61.7 51.0 76.6



#50

Toluene-d8

Concen: 51.842 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067424.D

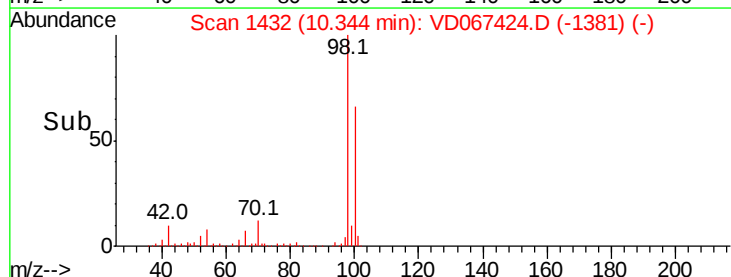
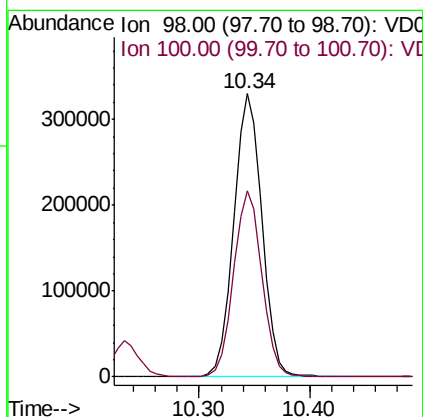
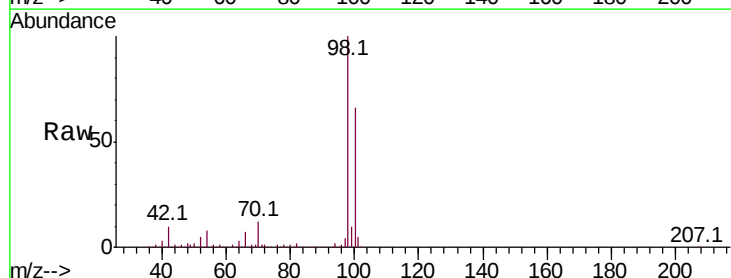
Acq: 27 Oct 2020 20:59

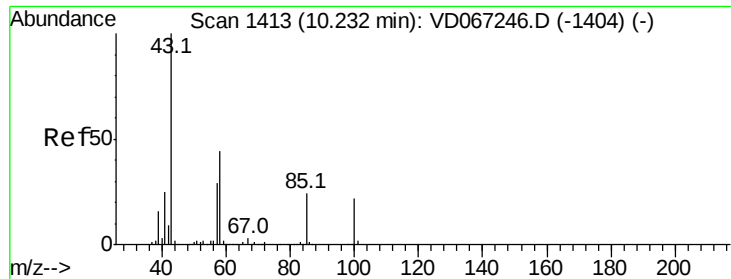
Tgt Ion: 98 Resp: 593422

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 273.128 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

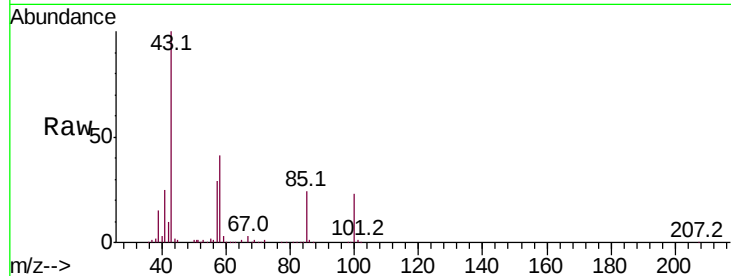
VSTDCCC050EC

Tot Ion: 43 Resp: 320376

Ion Ratio Lower Upper

43 100

58 44.2 35.7 53.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

200000

150000

100000

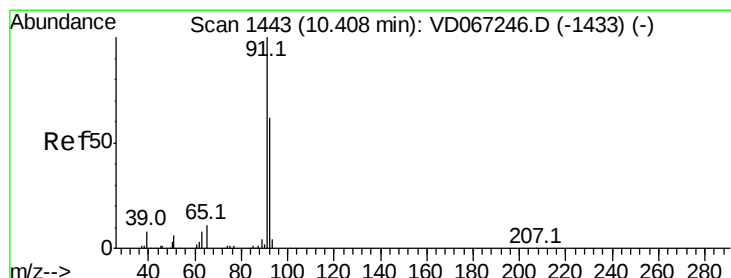
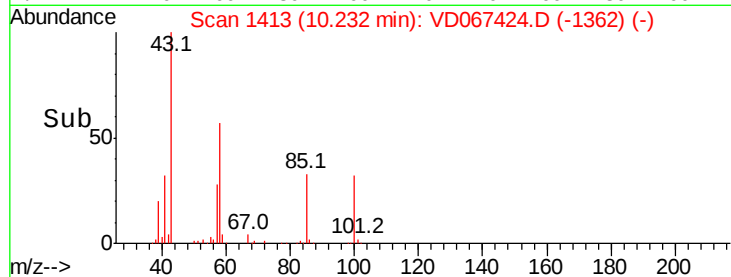
50000

0

10.20

10.30

Time-->



#52

Toluene

Concen: 51.276 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067424.D

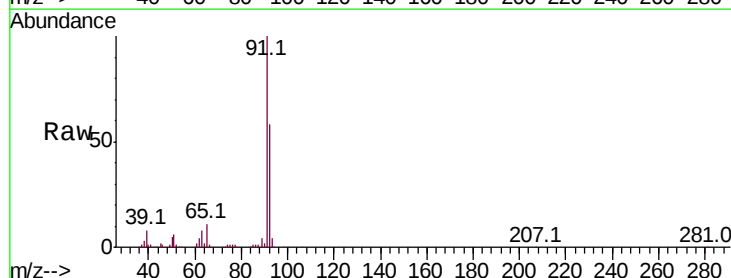
Acq: 27 Oct 2020 20:59

Tgt Ion: 92 Resp: 385958

Ion Ratio Lower Upper

92 100

91 170.8 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

400000

300000

200000

100000

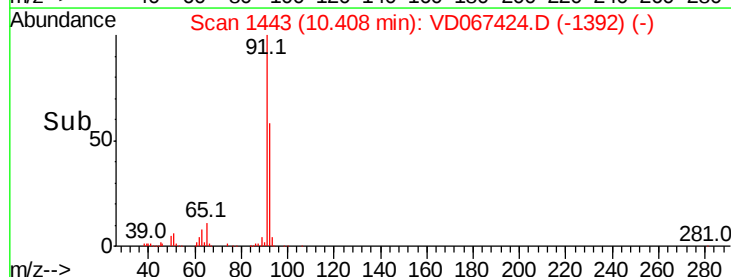
0

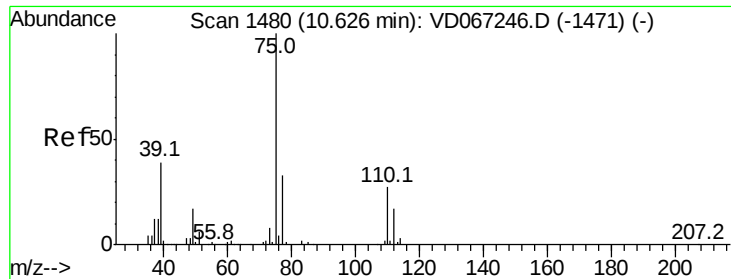
10.30

10.40

10.50

Time-->

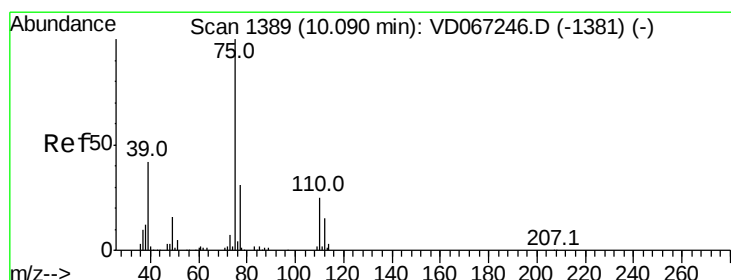
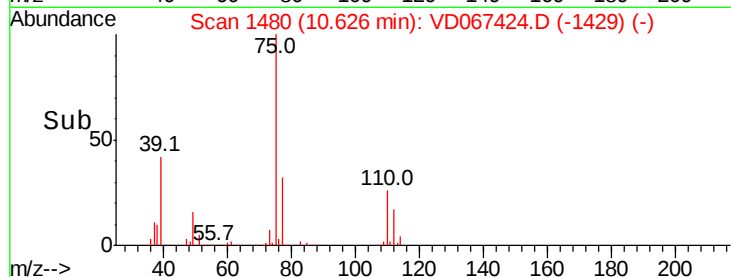
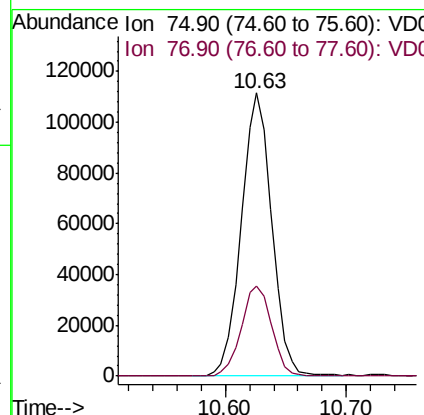
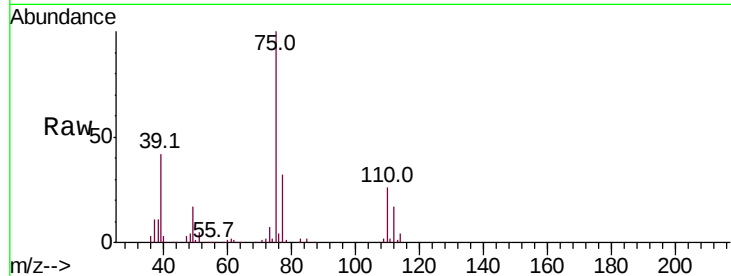




#53  
t-1,3-Dichloropropene  
Concen: 52.265 ug/l  
RT: 10.63 min Scan# 1480  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

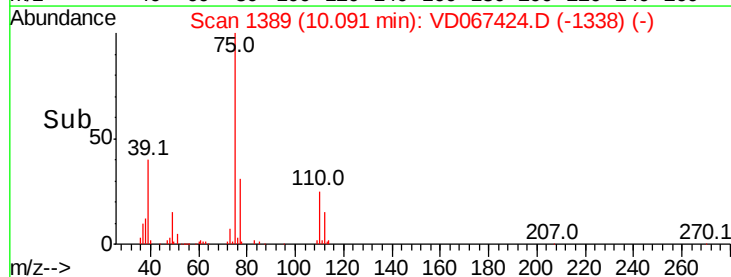
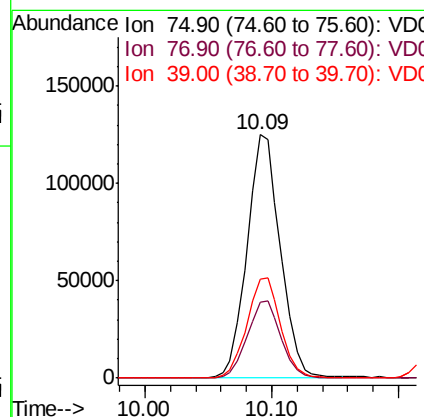
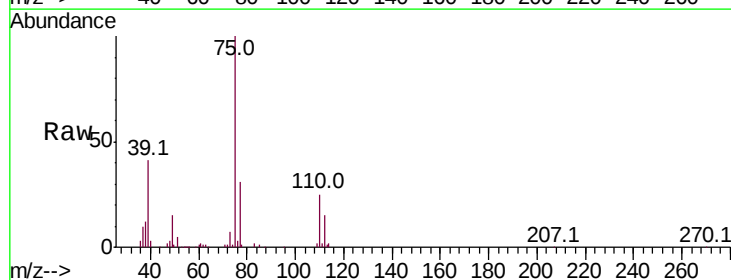
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

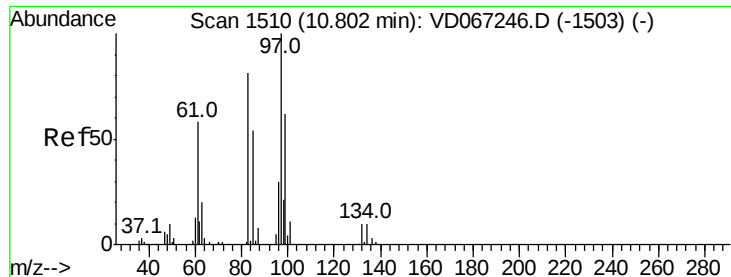
Tot Ion: 75 Resp: 196297  
Ion Ratio Lower Upper  
75 100  
77 32.0 26.5 39.7



#54  
cis-1,3-Dichloropropene  
Concen: 51.986 ug/l  
RT: 10.09 min Scan# 1389  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Tgt Ion: 75 Resp: 228500  
Ion Ratio Lower Upper  
75 100  
77 31.1 24.5 36.7  
39 40.5 33.7 50.5





#55

1,1,2-Trichloroethane

Concen: 52.090 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 113350

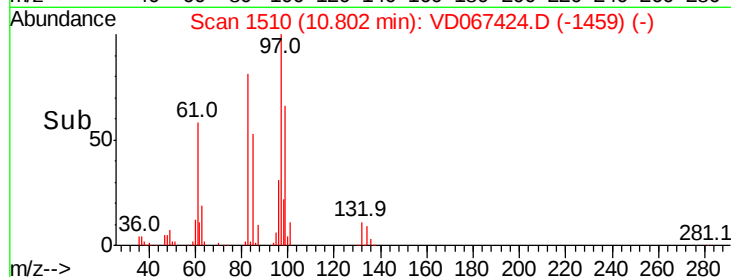
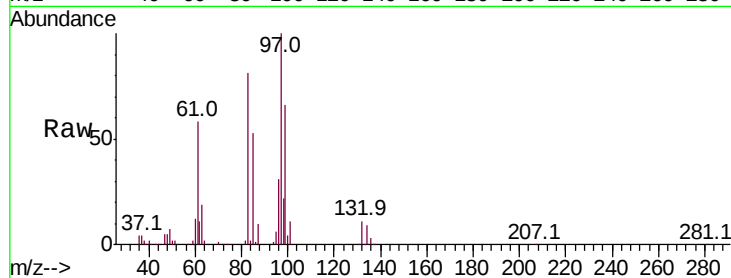
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 81.3  | 64.9  | 97.3  |
| 85  | 52.4  | 43.3  | 64.9  |
| 99  | 65.6  | 49.1  | 73.7  |

Ion 97 100

83 81.3 64.9 97.3

85 52.4 43.3 64.9

99 65.6 49.1 73.7

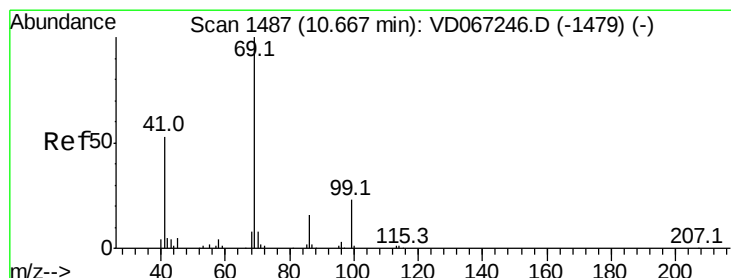
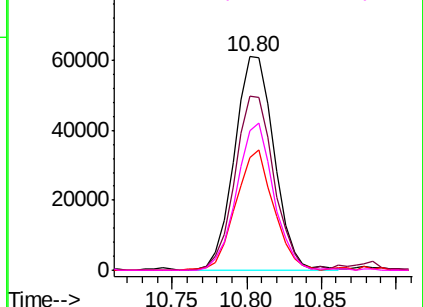


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 54.722 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

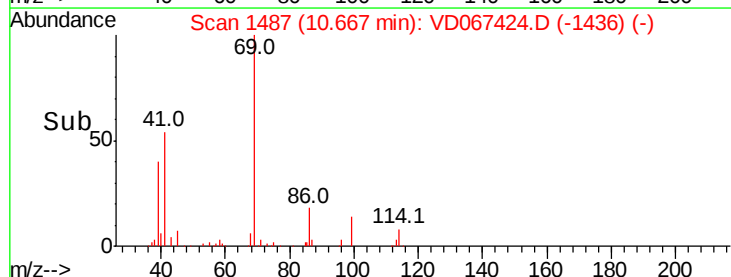
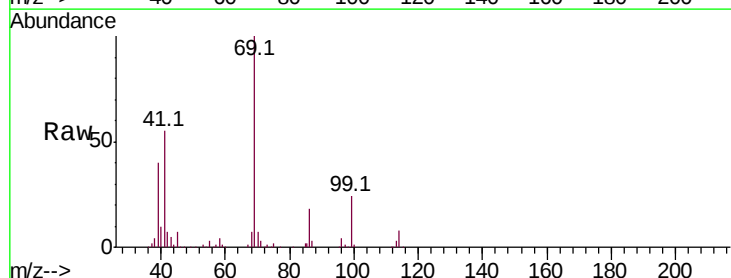
Tgt Ion: 69 Resp: 123496

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 53.9  | 44.7  | 67.1  |
| 39  | 33.6  | 26.2  | 39.2  |

Ion 69 100

41 53.9 44.7 67.1

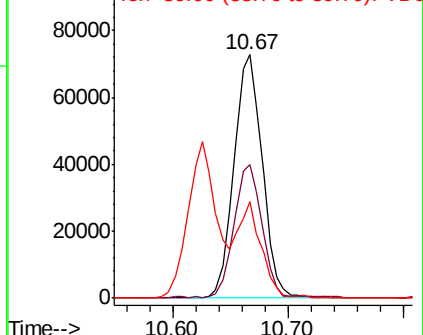
39 33.6 26.2 39.2

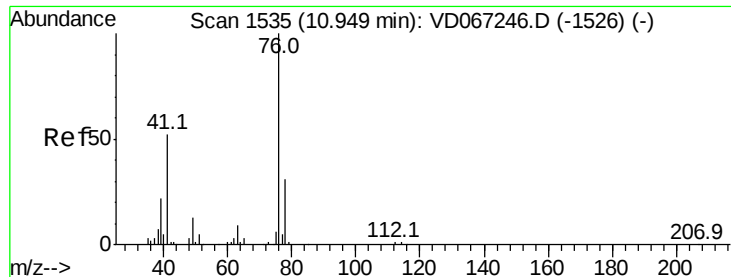


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 53.711 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

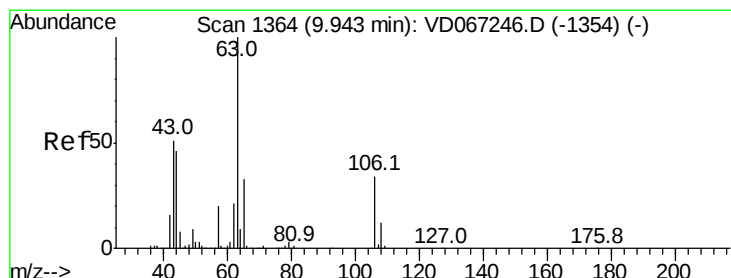
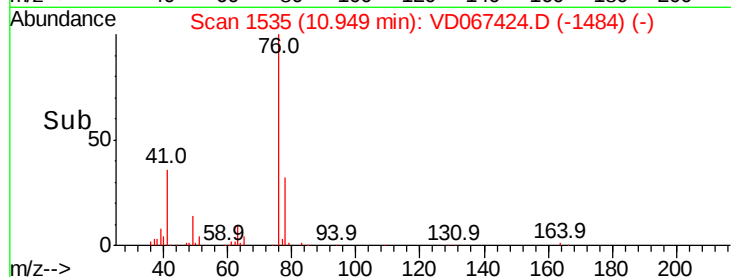
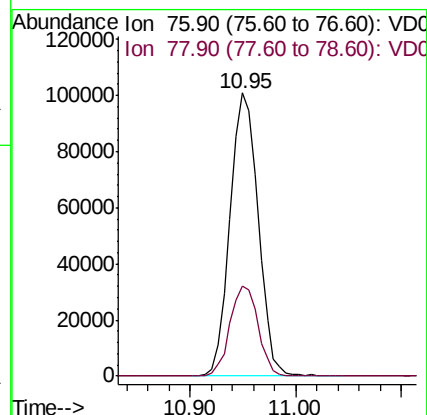
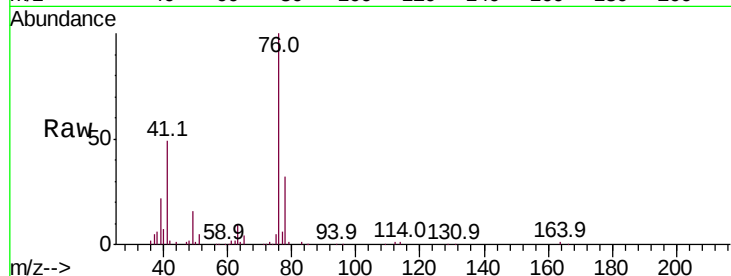
VSTDCCC050EC

Tot Ion: 76 Resp: 186003

Ion Ratio Lower Upper

76 100

78 31.7 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 279.240 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067424.D

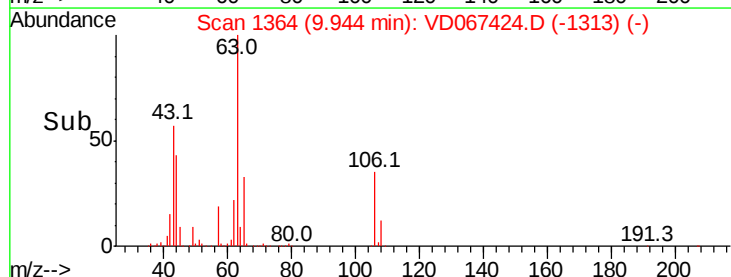
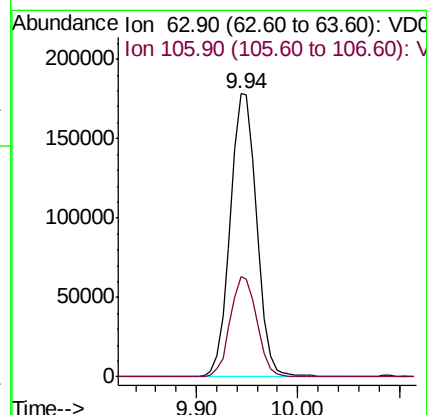
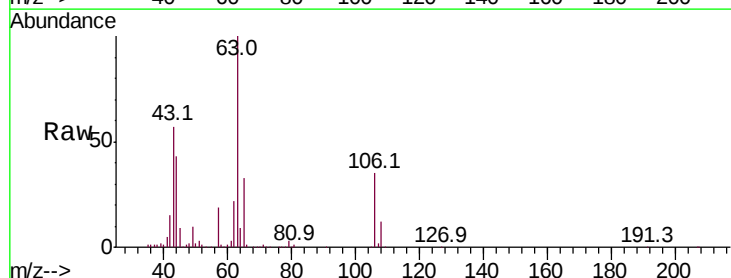
Acq: 27 Oct 2020 20:59

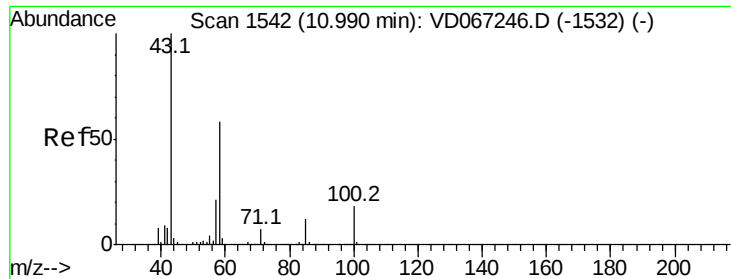
Tgt Ion: 63 Resp: 323287

Ion Ratio Lower Upper

63 100

106 35.5 27.8 41.6

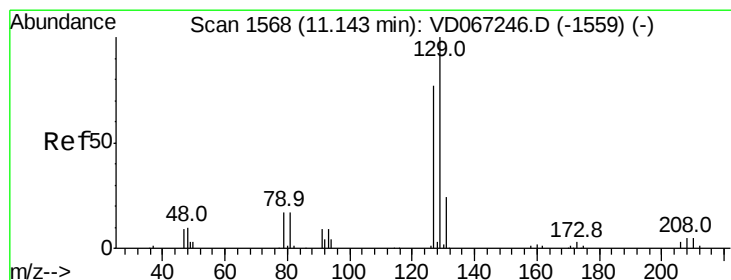
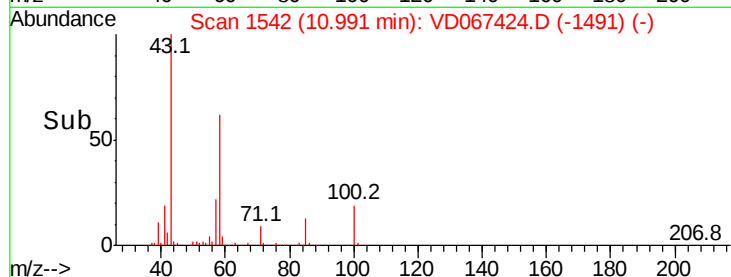
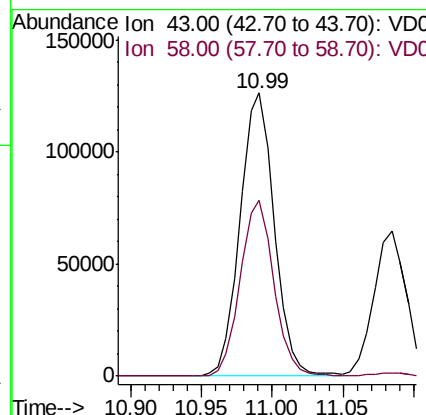
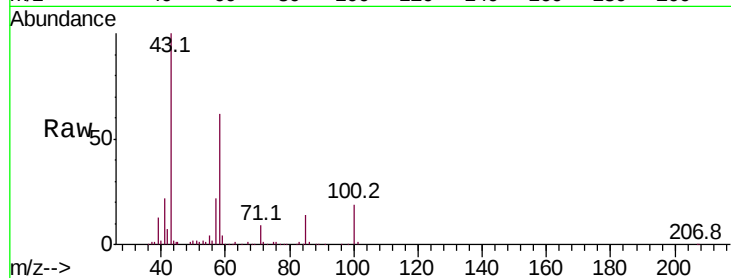




#59  
2-Hexanone  
Concen: 268.408 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

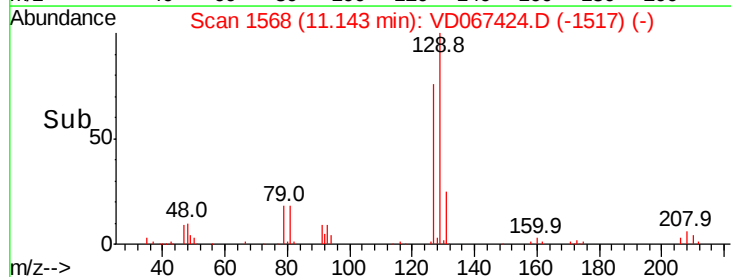
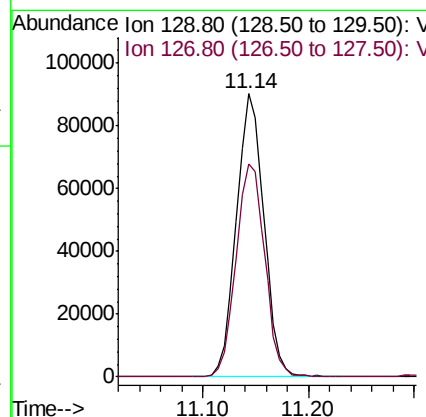
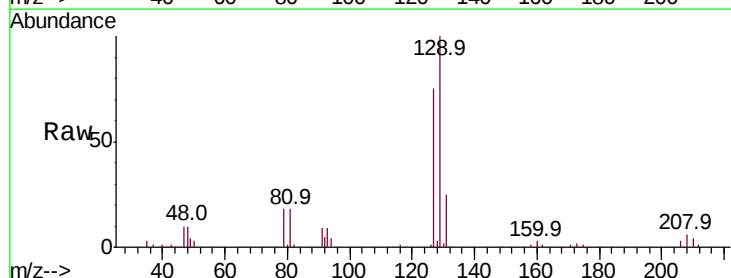
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

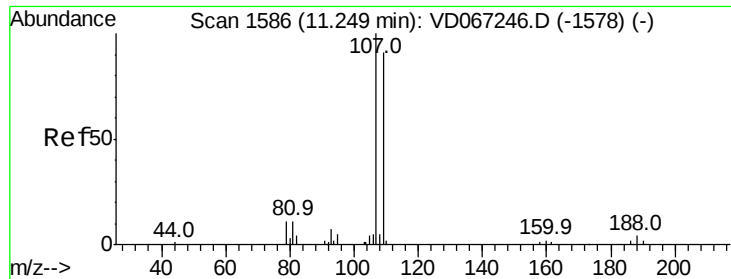
Tot Ion: 43 Resp: 215139  
Ion Ratio Lower Upper  
43 100  
58 61.0 29.3 87.9



#60  
Dibromochloromethane  
Concen: 51.231 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Tgt Ion: 129 Resp: 162580  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.3 114.8

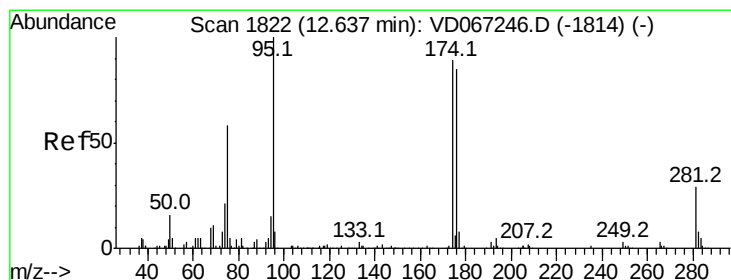
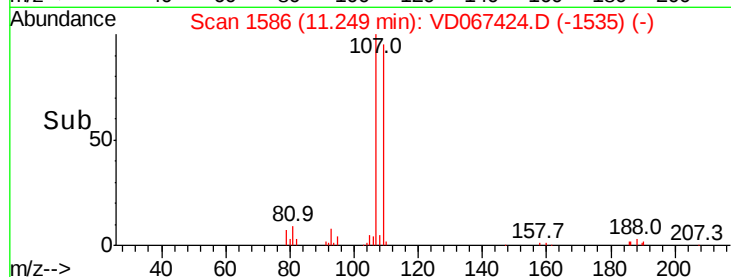
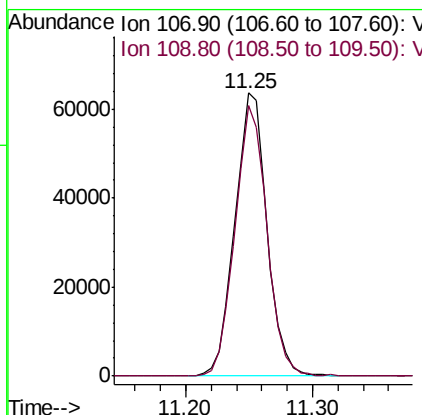
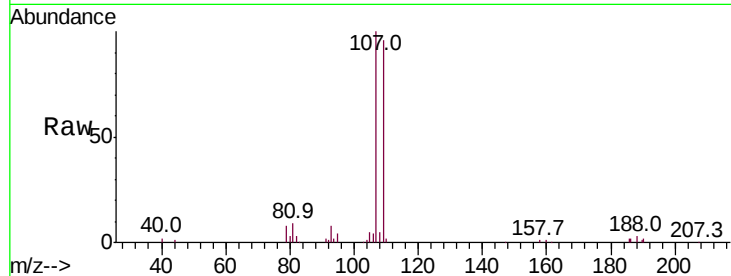




#61  
 1,2-Dibromoethane  
 Concen: 51.853 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VD067424.D  
 Acq: 27 Oct 2020 20:59

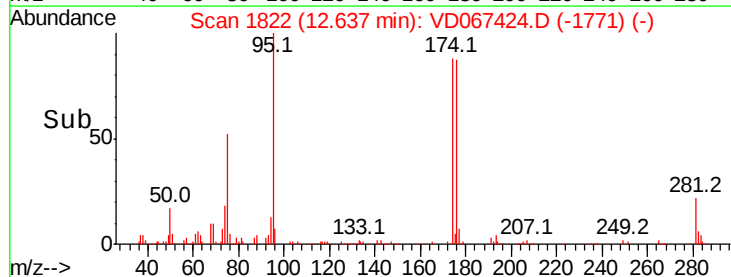
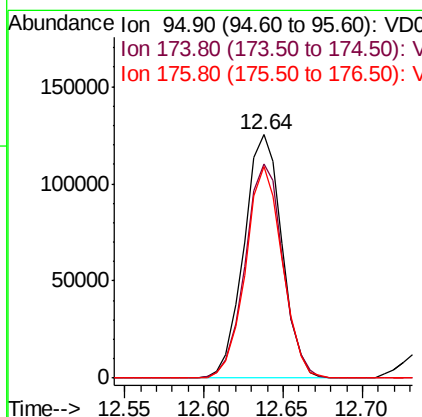
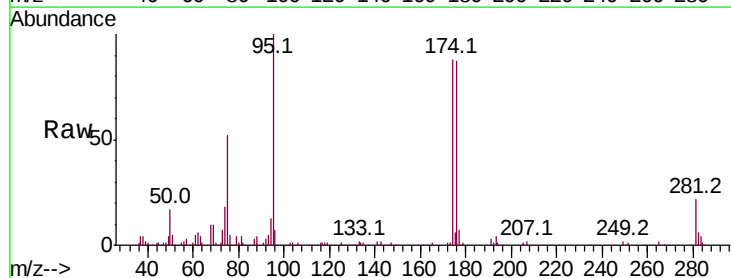
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

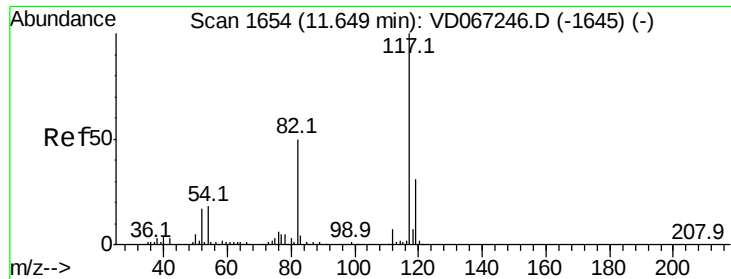
Tot Ion:107 Resp: 111240  
 Ion Ratio Lower Upper  
 107 100  
 109 95.1 74.6 112.0



#62  
 4-Bromofluorobenzene  
 Concen: 52.344 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD067424.D  
 Acq: 27 Oct 2020 20:59

Tgt Ion: 95 Resp: 208344  
 Ion Ratio Lower Upper  
 95 100  
 174 87.7 0.0 175.2  
 176 84.3 0.0 168.6

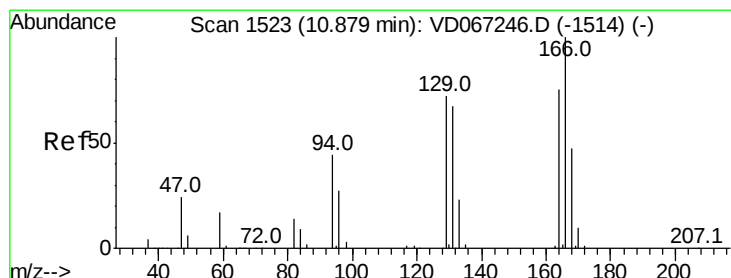
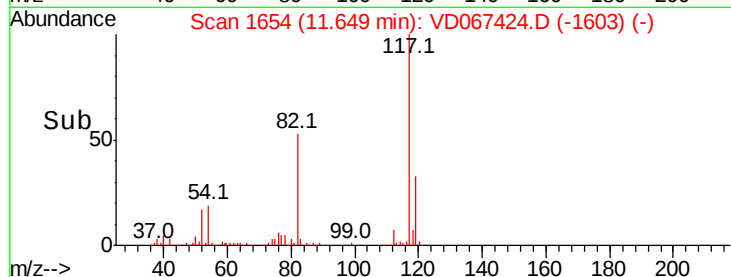
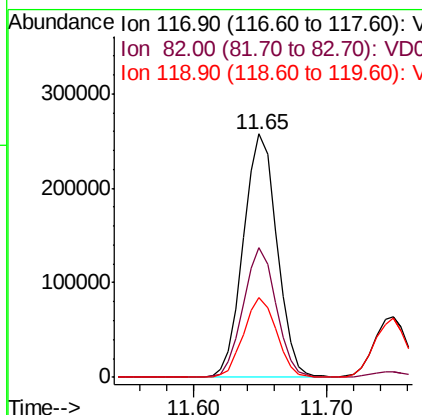
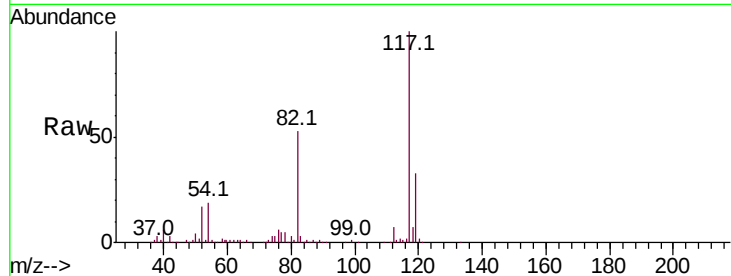




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

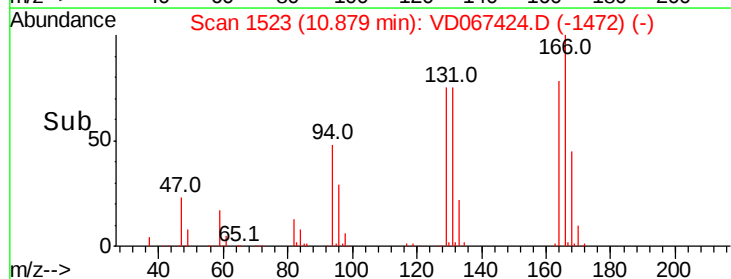
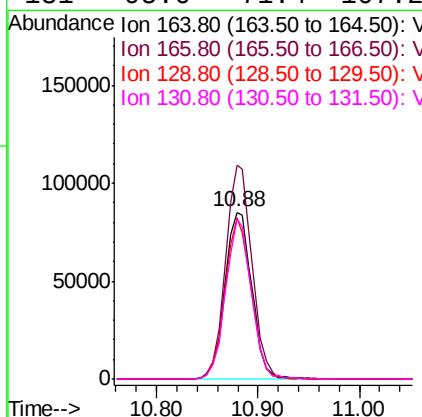
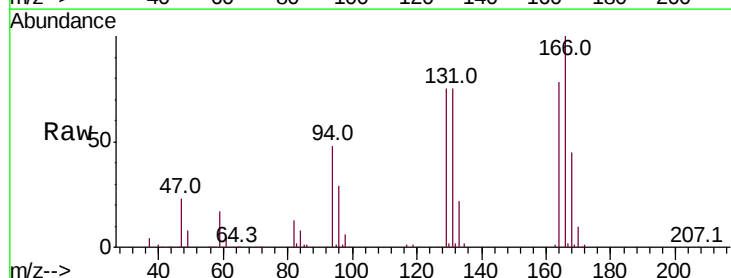
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

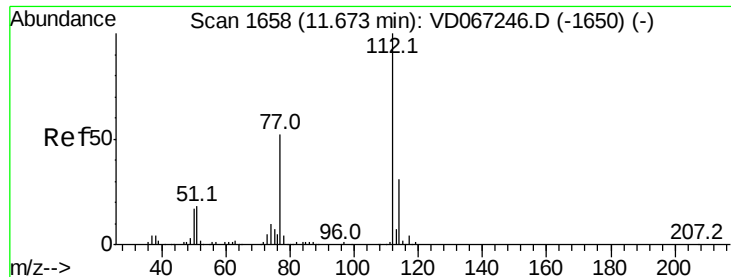
Tot Ion:117 Resp: 447669  
Ion Ratio Lower Upper  
117 100  
82 53.2 39.9 59.9  
119 32.8 24.9 37.3



#64  
Tetrachloroethene  
Concen: 48.256 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Tgt Ion:164 Resp: 156518  
Ion Ratio Lower Upper  
164 100  
166 128.1 107.3 160.9  
129 96.6 77.3 115.9  
131 95.6 71.4 107.2

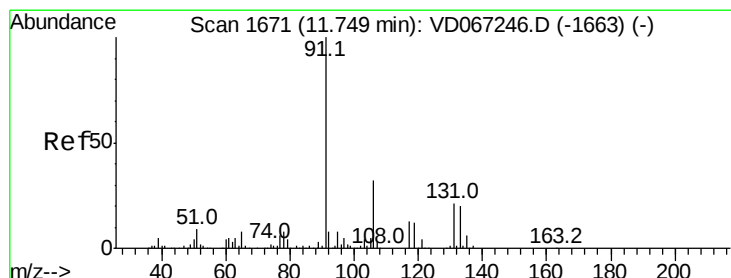
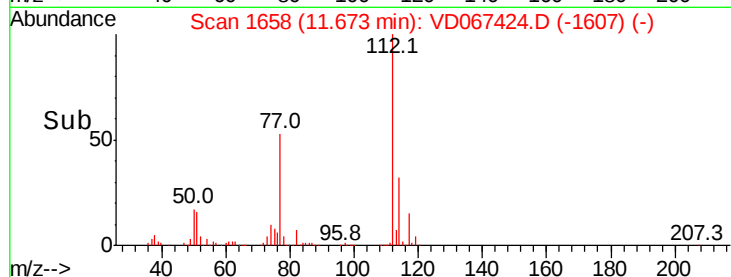
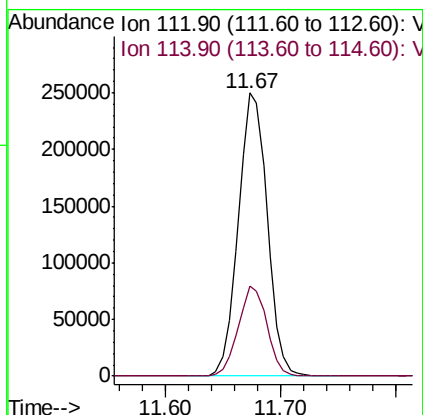
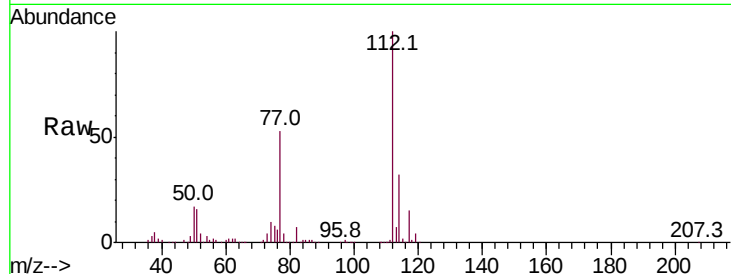




#65  
Chlorobenzene  
Concen: 50.542 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

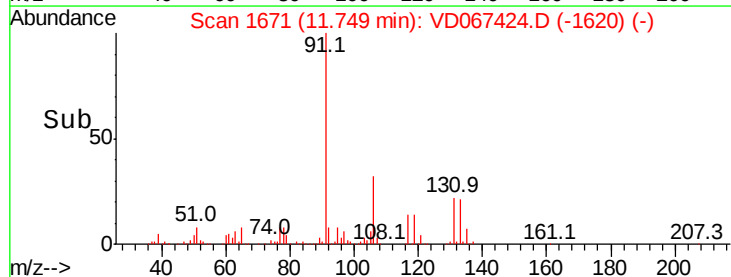
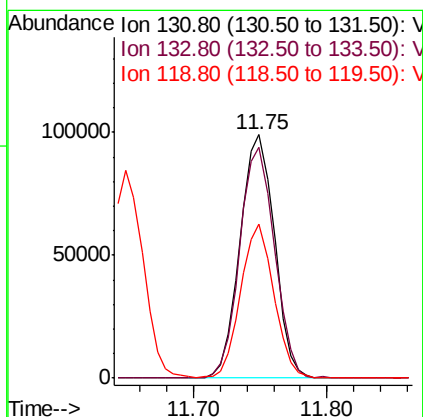
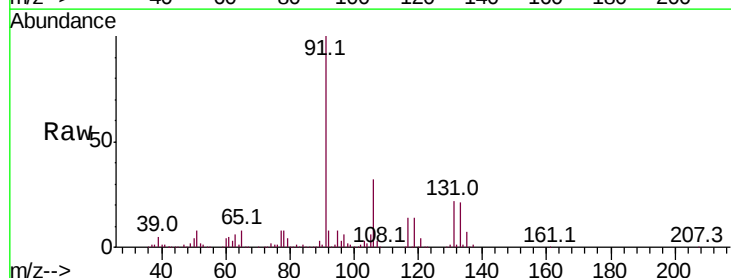
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

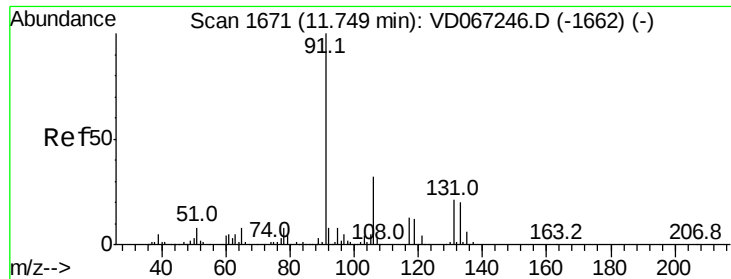
Tot Ion:112 Resp: 433879  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.753 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Tgt Ion:131 Resp: 176575  
Ion Ratio Lower Upper  
131 100  
133 96.3 48.1 144.3  
119 60.9 30.0 90.0





#67

Ethyl Benzene

Concen: 50.747 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

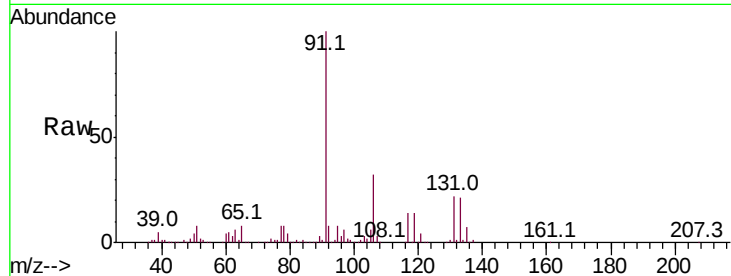
VSTDCCC050EC

Tot Ion: 91 Resp: 746772

Ion Ratio Lower Upper

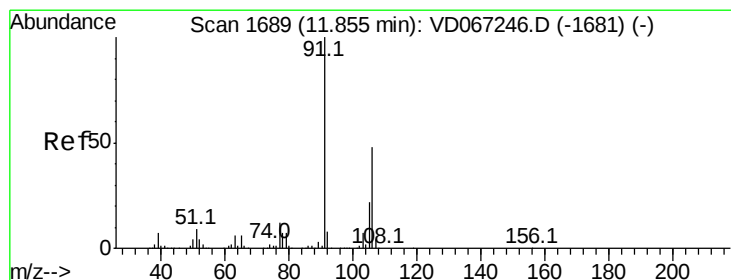
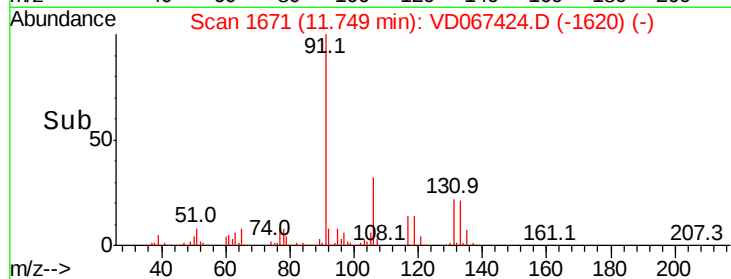
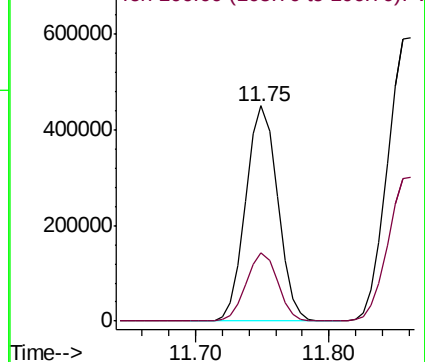
91 100

106 32.0 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.620 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD067424.D

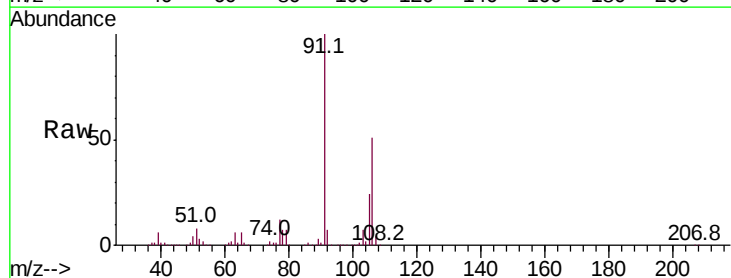
Acq: 27 Oct 2020 20:59

Tgt Ion: 106 Resp: 575851

Ion Ratio Lower Upper

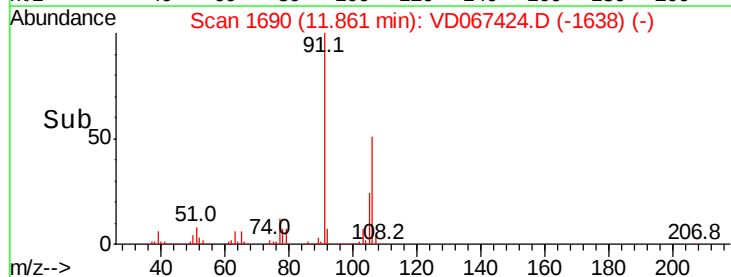
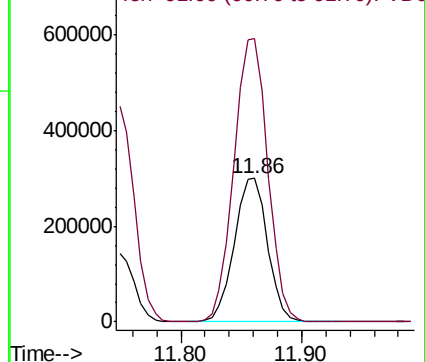
106 100

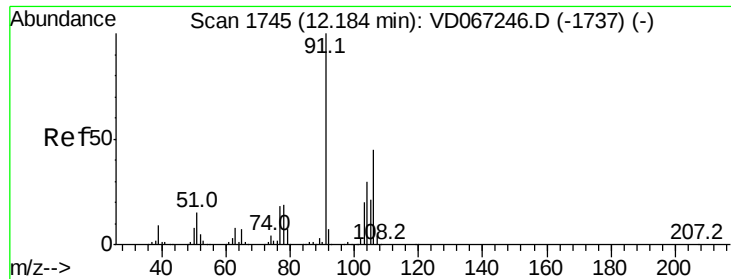
91 201.3 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

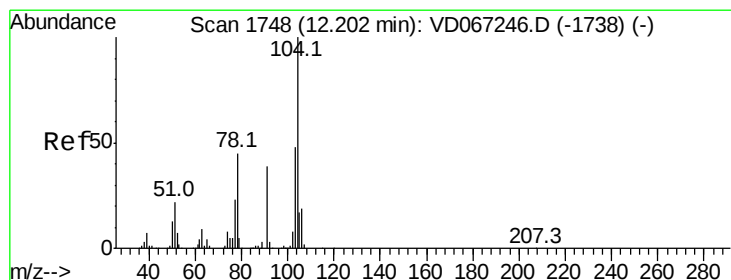
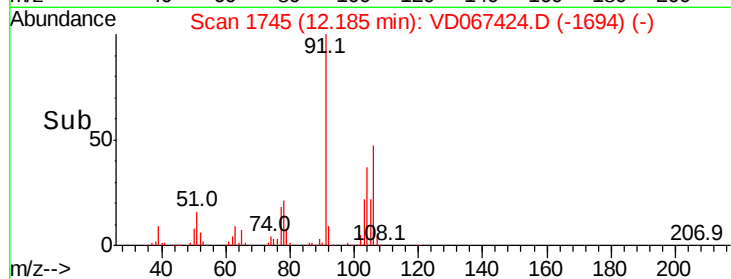
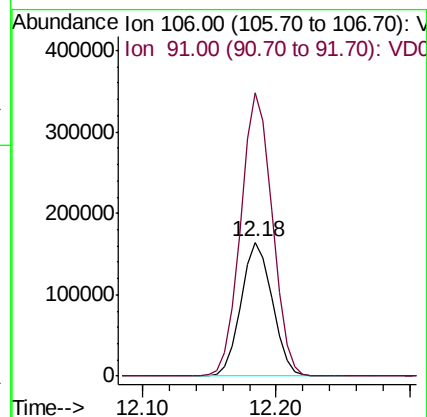
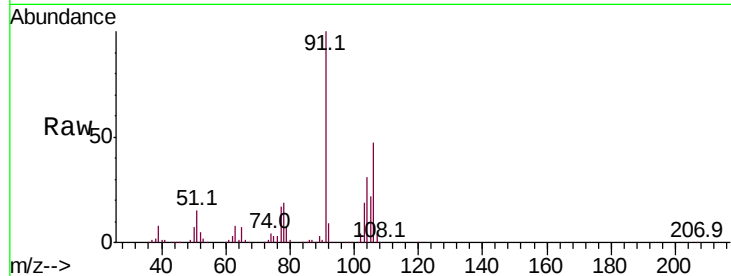




#69  
o-Xylene  
Concen: 50.936 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

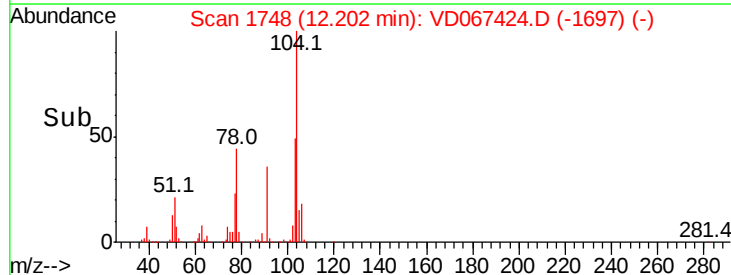
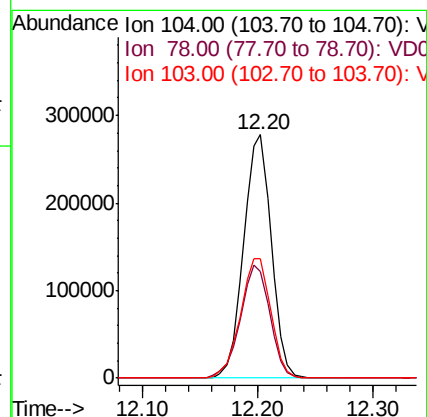
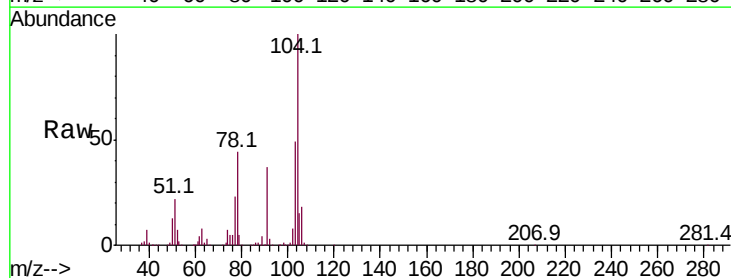
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

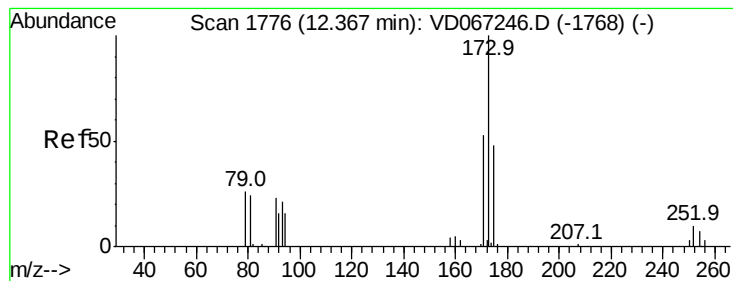
Tot Ion:106 Resp: 267283  
Ion Ratio Lower Upper  
106 100  
91 212.9 109.1 327.3



#70  
Styrene  
Concen: 51.140 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Tgt Ion:104 Resp: 461956  
Ion Ratio Lower Upper  
104 100  
78 49.5 39.8 59.6  
103 53.6 42.6 64.0





#71

Bromoform

Concen: 52.212 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

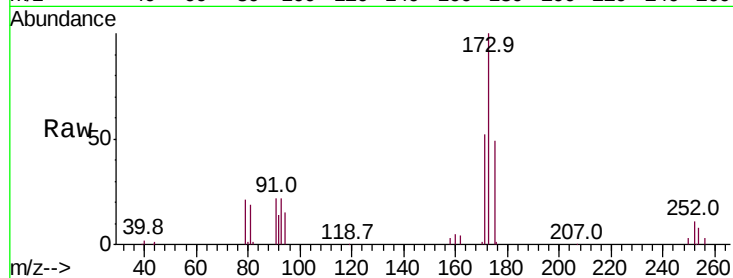
Tot Ion:173 Resp: 95702

Ion Ratio Lower Upper

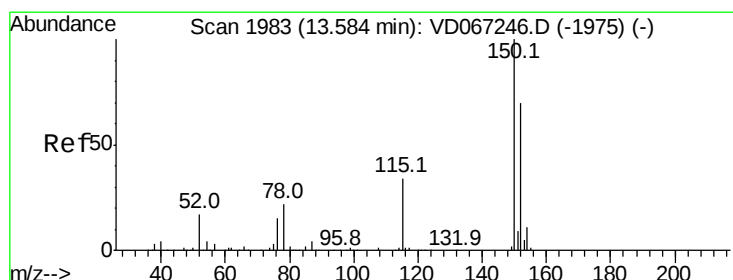
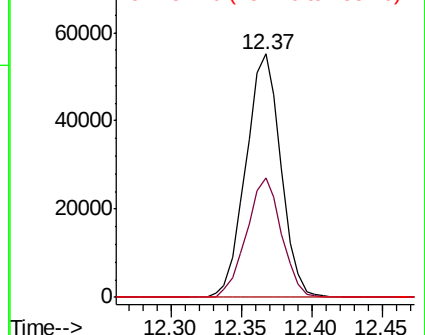
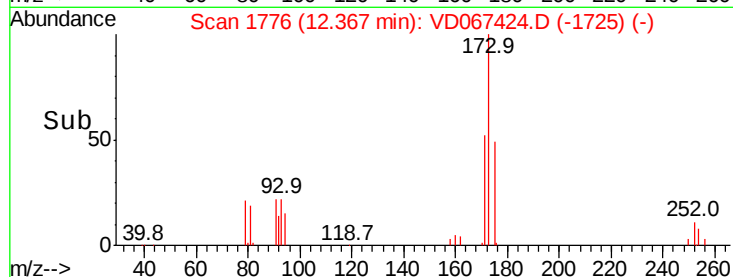
173 100

175 49.2 24.2 72.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

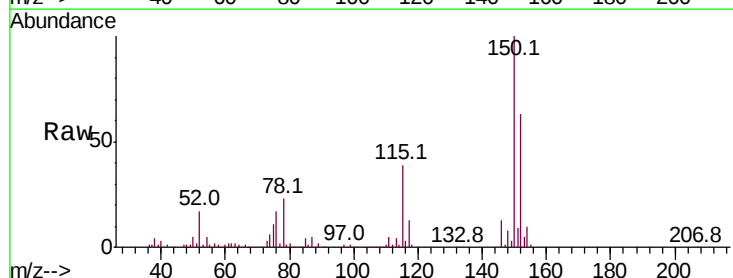
Tgt Ion:152 Resp: 227854

Ion Ratio Lower Upper

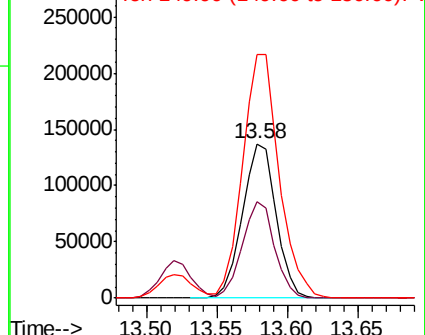
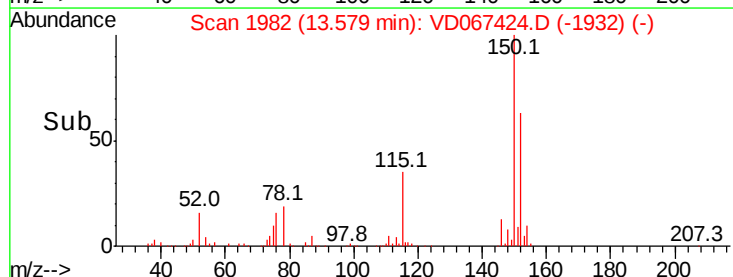
152 100

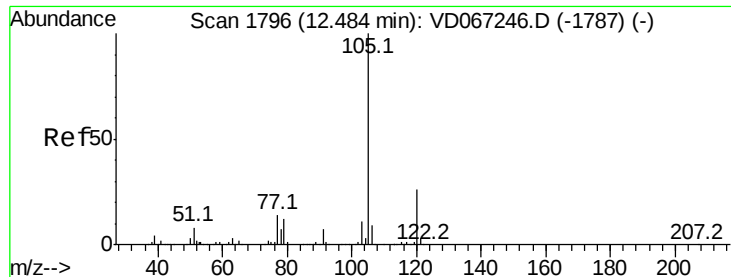
115 59.7 29.3 87.9

150 172.2 0.0 339.0



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: 50.605 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

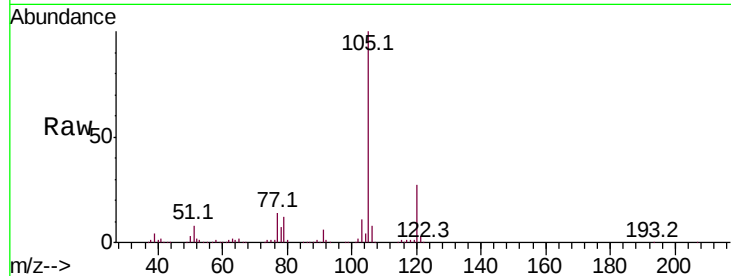
VSTDCCC050EC

Tot Ion:105 Resp: 731800

Ion Ratio Lower Upper

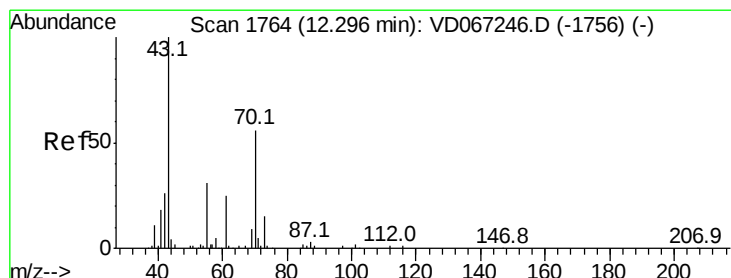
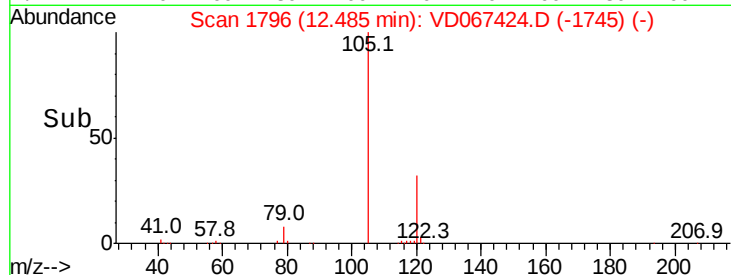
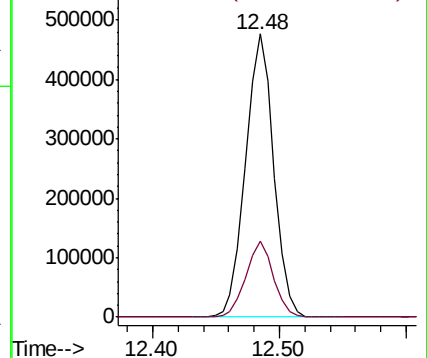
105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.258 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Tgt Ion: 43 Resp: 109769

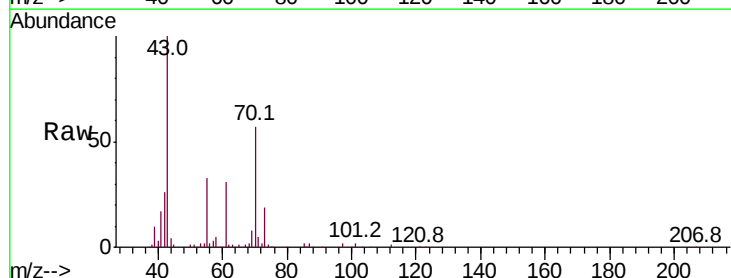
Ion Ratio Lower Upper

43 100

70 54.8 42.7 64.1

55 31.3 24.0 36.0

61 29.0 22.2 33.4

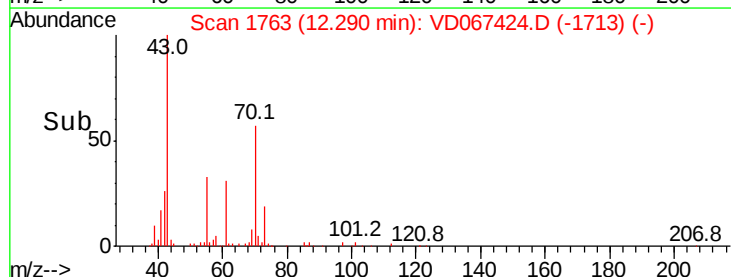
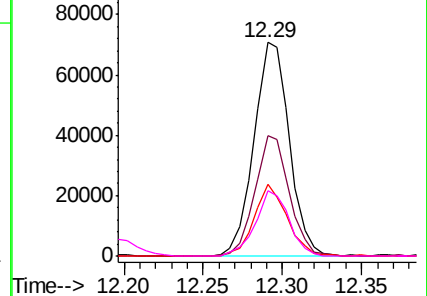


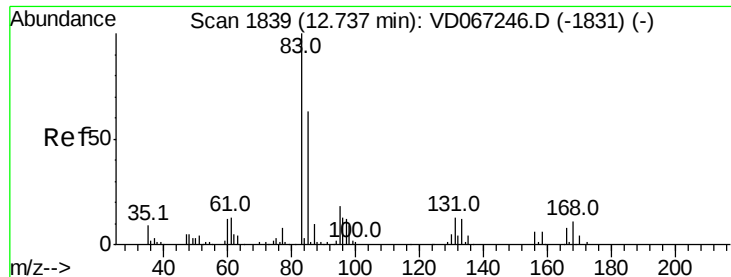
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 51.013 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

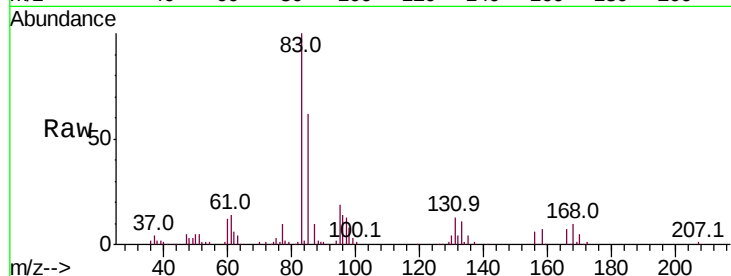
Tot Ion: 83 Resp: 113034

Ion Ratio Lower Upper

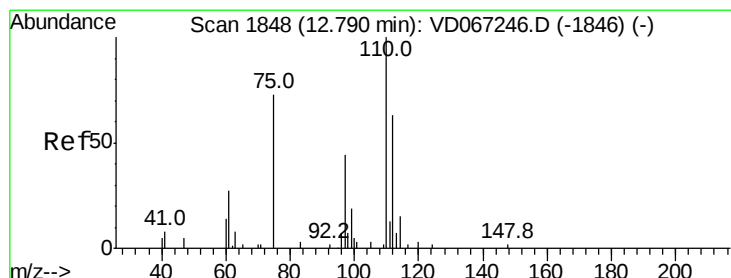
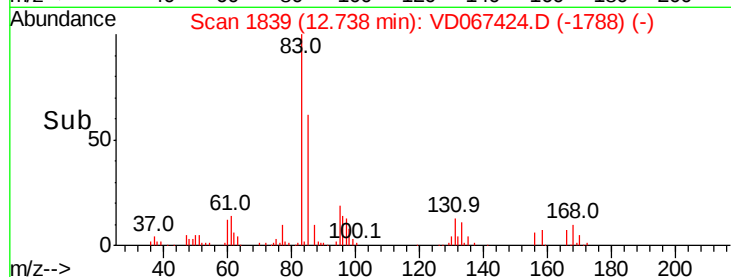
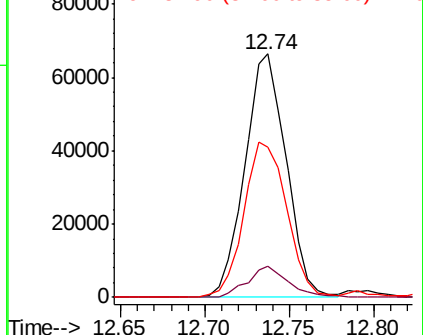
83 100

131 12.5 6.5 19.5

85 66.0 32.6 97.7



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: 95.313 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067424.D

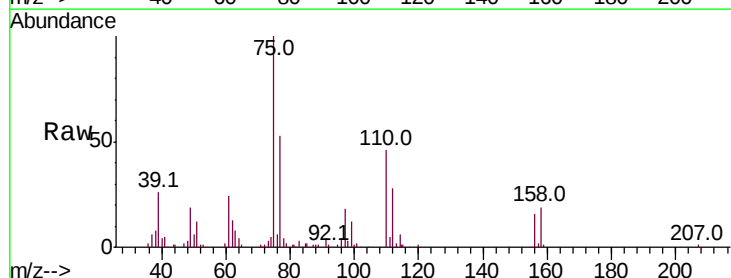
Acq: 27 Oct 2020 20:59

Tgt Ion: 75 Resp: 150522

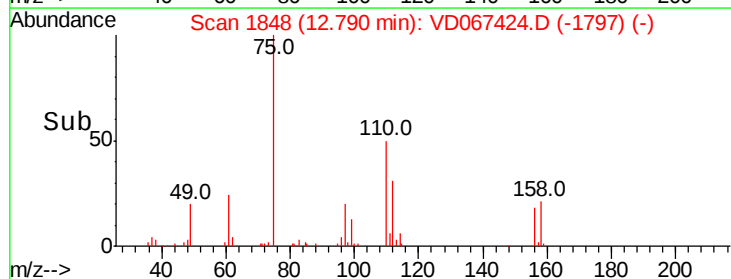
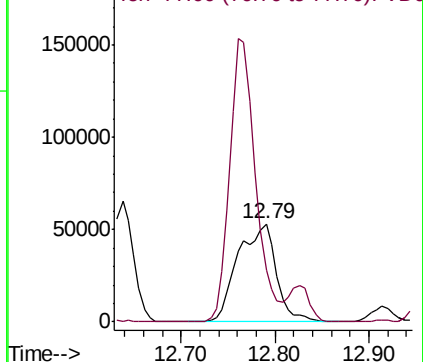
Ion Ratio Lower Upper

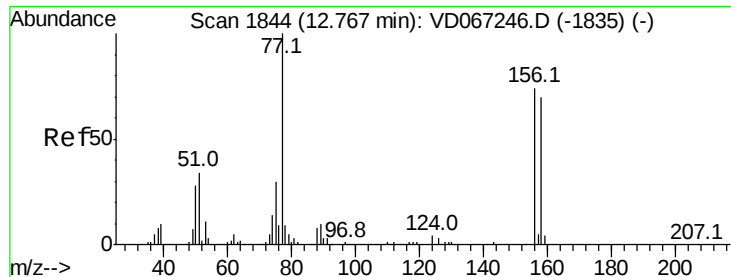
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC  
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.906 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

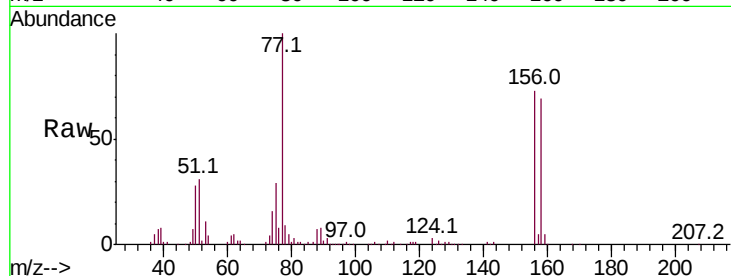
Tot Ion:156 Resp: 183533

Ion Ratio Lower Upper

156 100

77 160.4 78.0 233.8

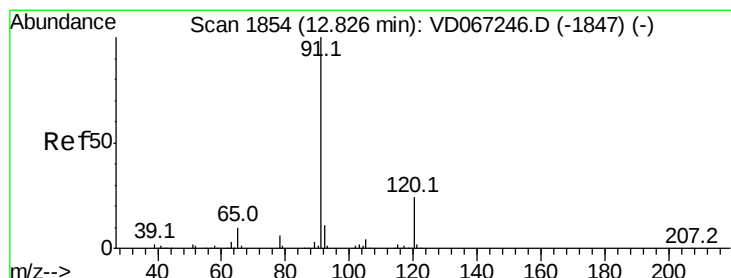
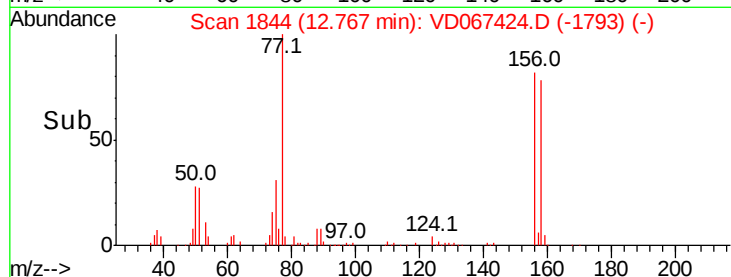
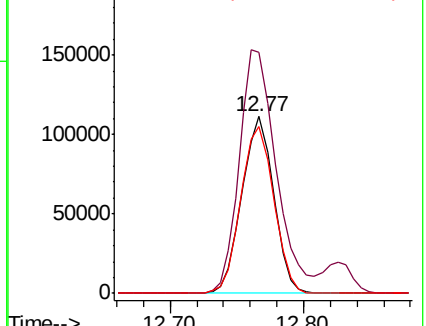
158 98.1 49.1 147.3



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: 49.330 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067424.D

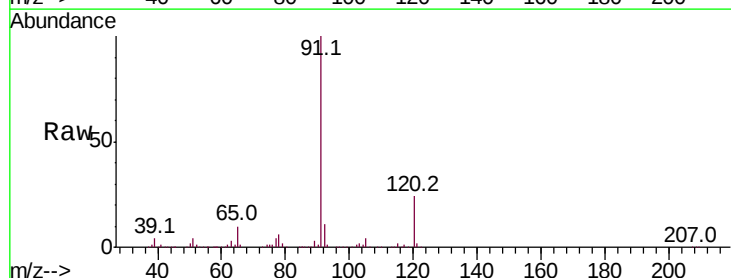
Acq: 27 Oct 2020 20:59

Tgt Ion: 91 Resp: 826520

Ion Ratio Lower Upper

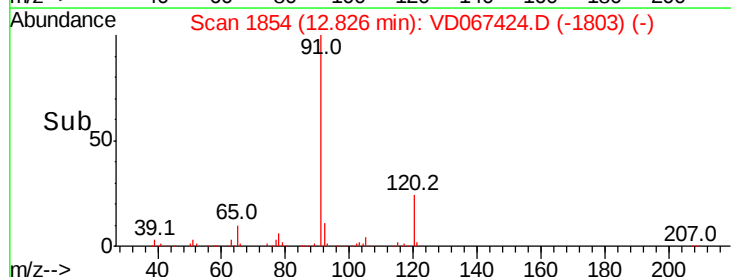
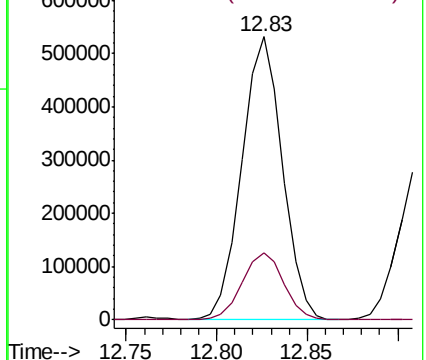
91 100

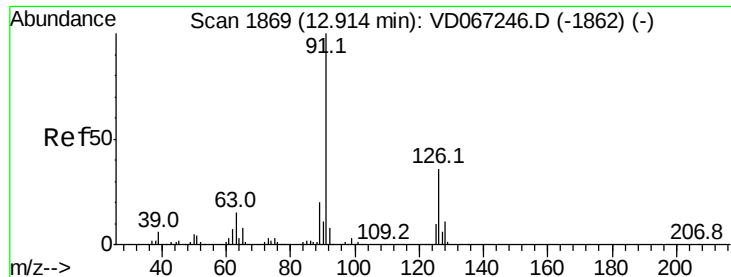
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.052 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

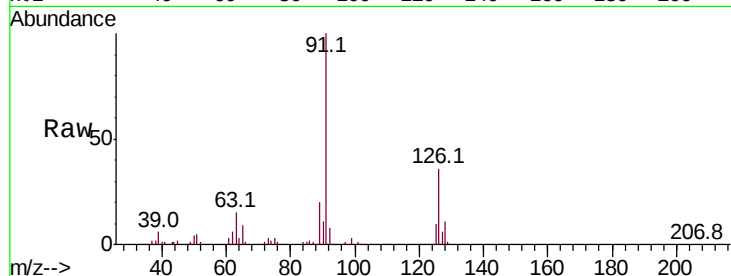
VSTDCCC050EC

Tot Ion: 91 Resp: 486334

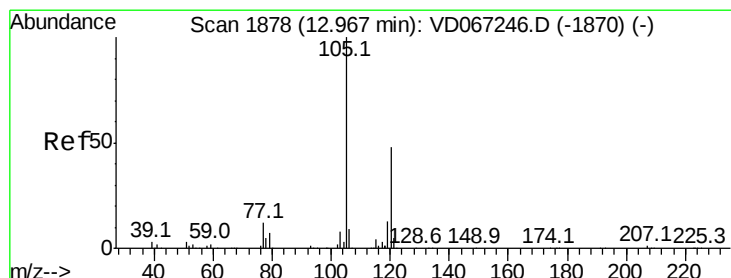
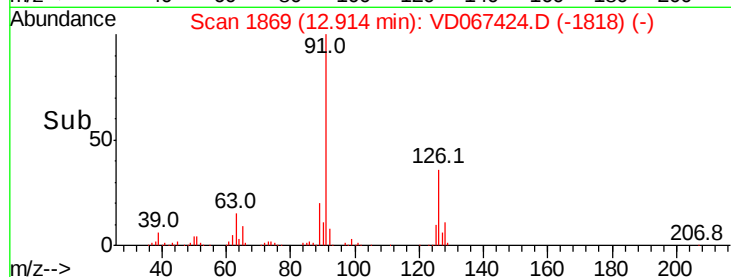
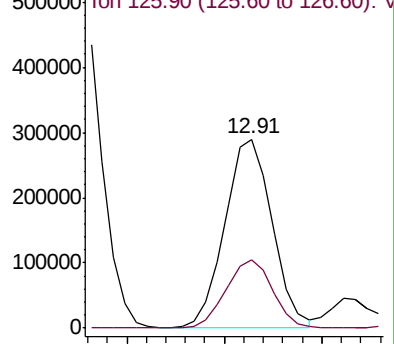
Ion Ratio Lower Upper

91 100

126 35.9 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 50.508 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067424.D

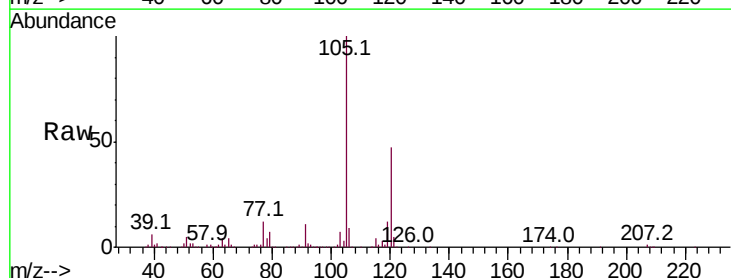
Acq: 27 Oct 2020 20:59

Tgt Ion: 105 Resp: 634722

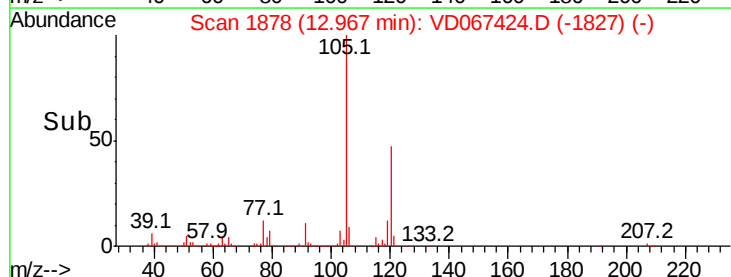
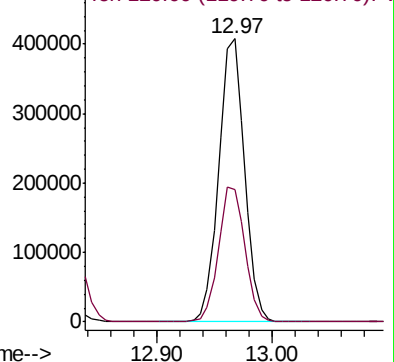
Ion Ratio Lower Upper

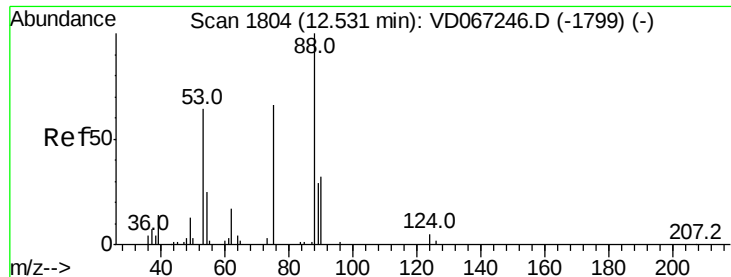
105 100

120 48.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.460 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

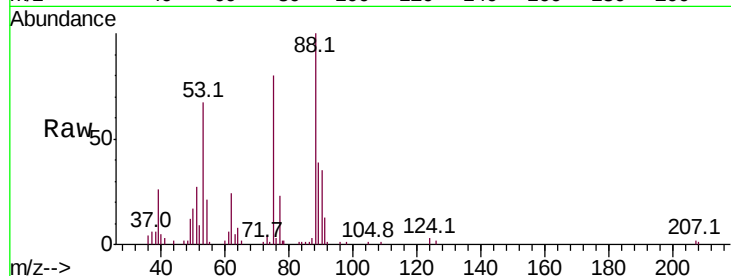
Tot Ion: 75 Resp: 34444

Ion Ratio Lower Upper

75 100

53 91.2 78.5 117.7

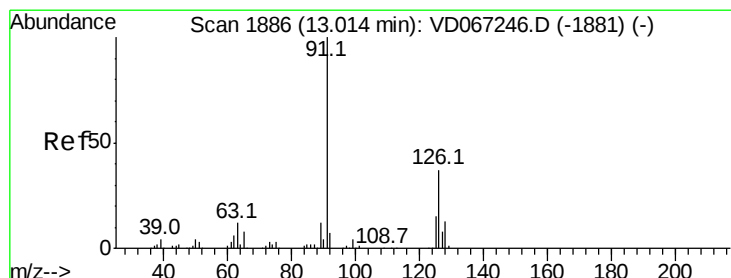
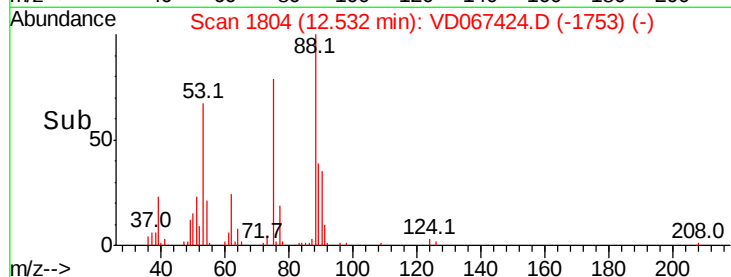
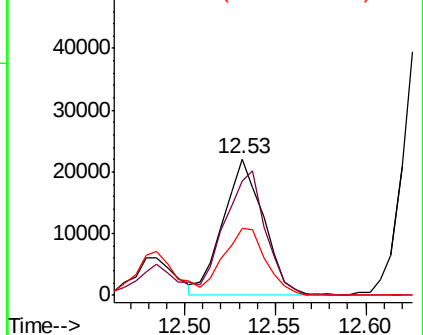
89 51.0 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 50.852 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD067424.D

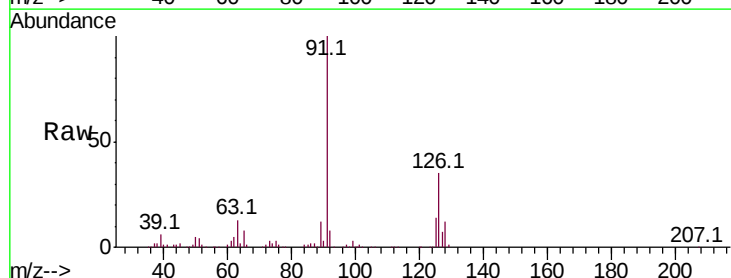
Acq: 27 Oct 2020 20:59

Tgt Ion: 91 Resp: 524423

Ion Ratio Lower Upper

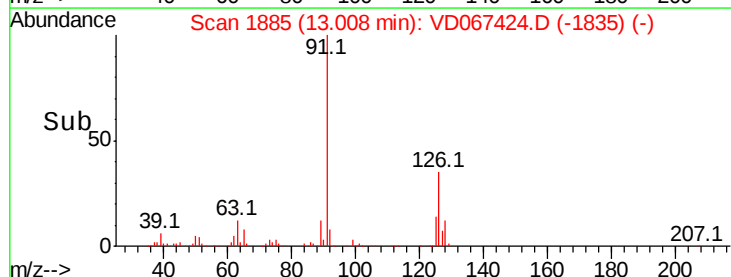
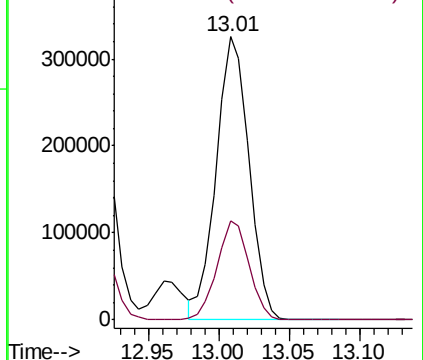
91 100

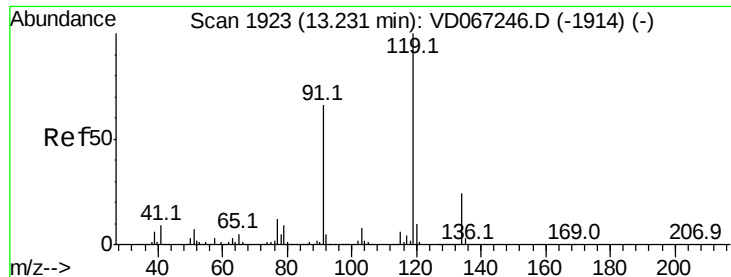
126 34.3 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.124 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

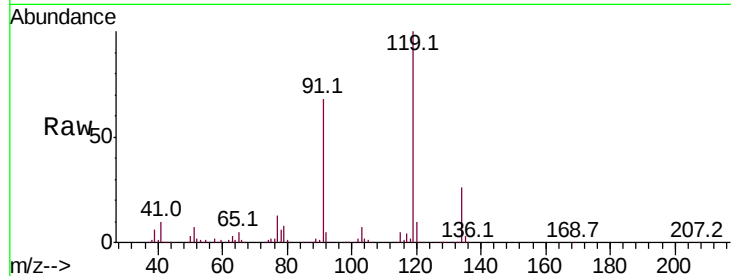
Tot Ion:119 Resp: 542695

Ion Ratio Lower Upper

119 100

91 63.3 33.1 99.2

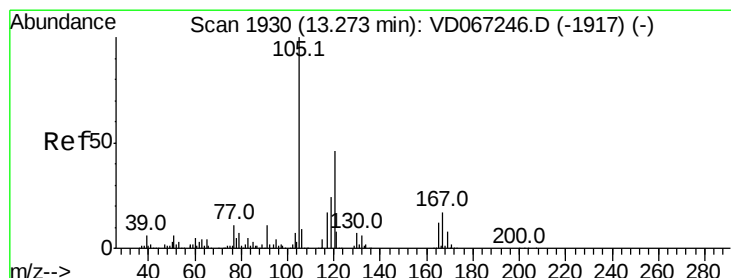
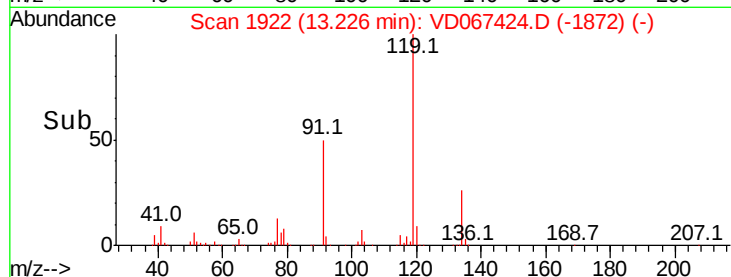
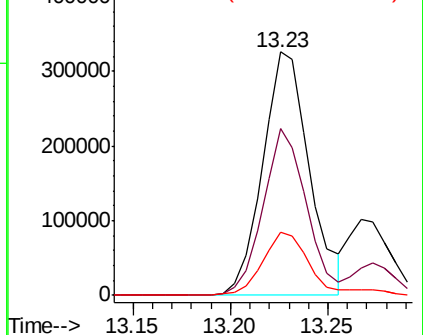
134 26.9 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.764 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067424.D

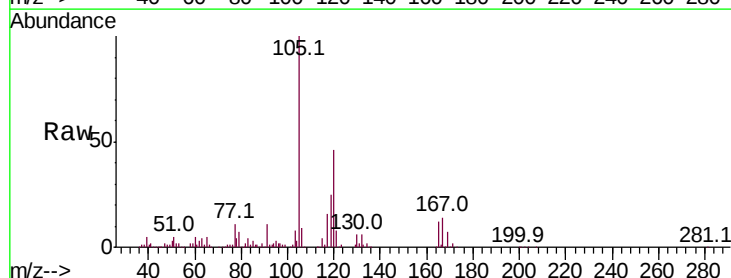
Acq: 27 Oct 2020 20:59

Tgt Ion:105 Resp: 630509

Ion Ratio Lower Upper

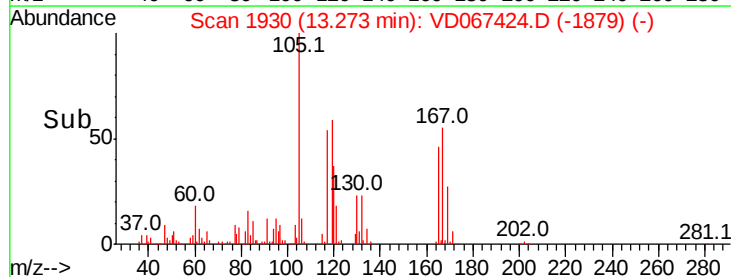
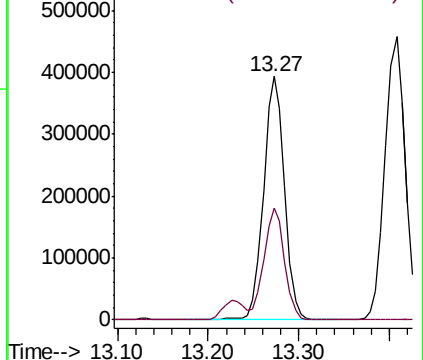
105 100

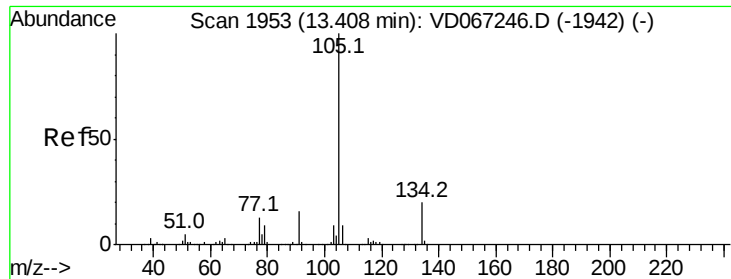
120 45.6 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.435 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

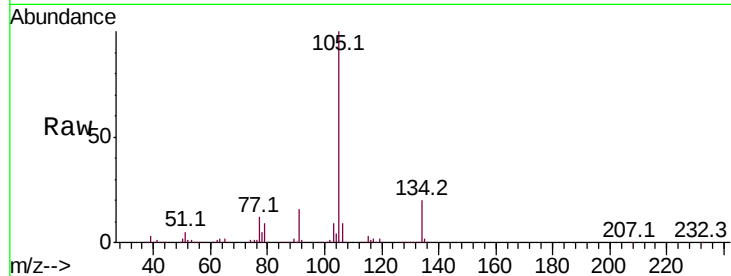
VSTDCCC050EC

Tot Ion:105 Resp: 705482

Ion Ratio Lower Upper

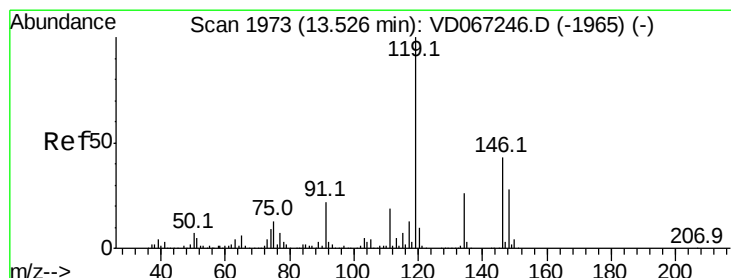
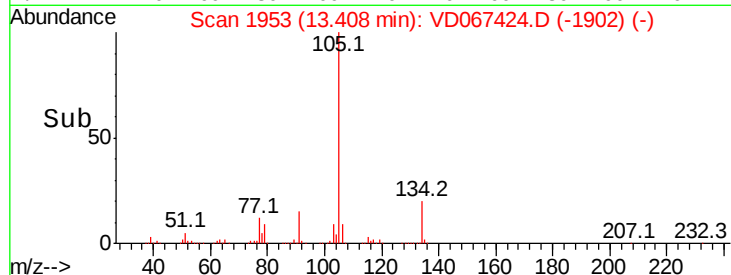
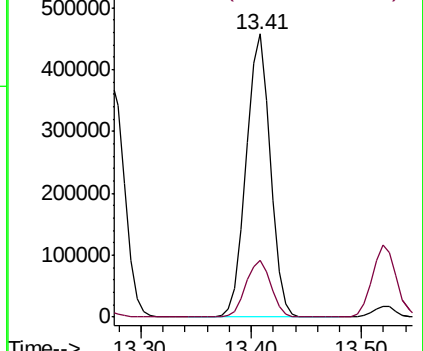
105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.889 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

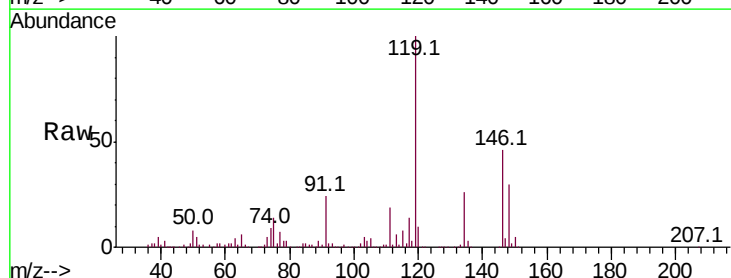
Tgt Ion:119 Resp: 672133

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

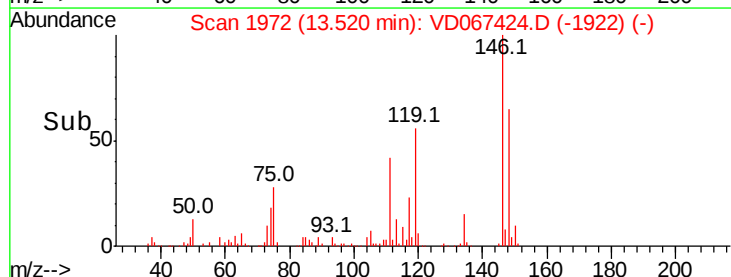
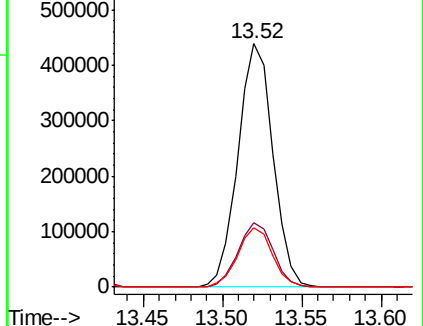
91 24.2 11.9 35.9

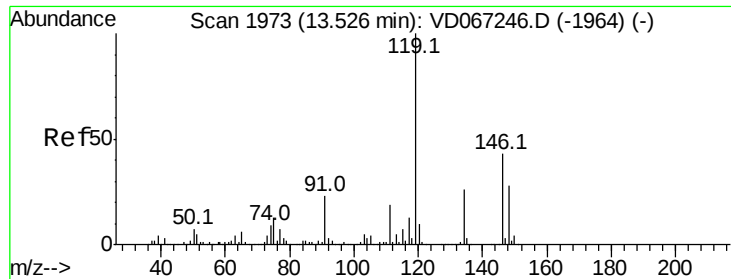


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.645 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

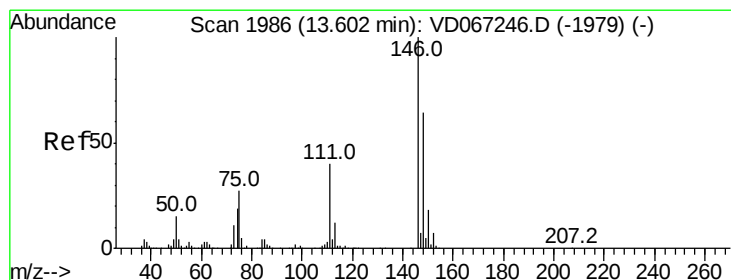
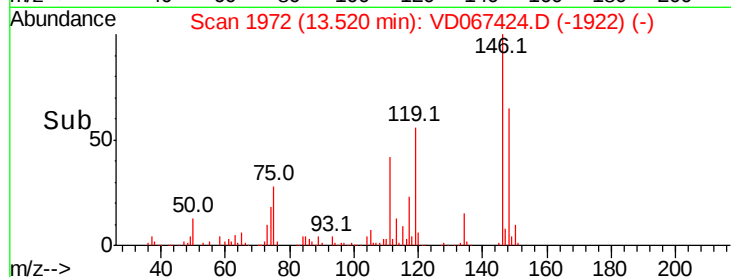
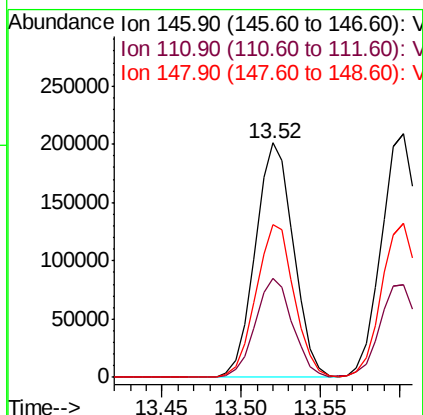
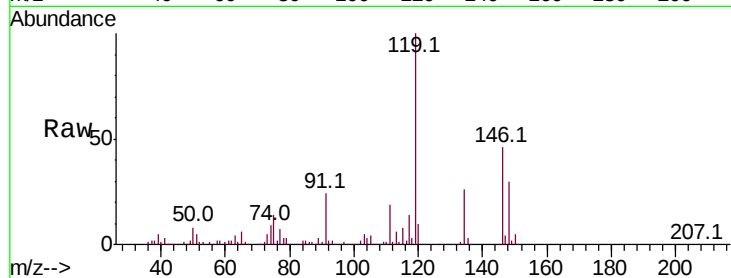
Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:146 Resp: 337563

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 41.1  | 21.1  | 63.3  |
| 148 | 64.8  | 31.9  | 95.9  |



#88

1,4-Dichlorobenzene

Concen: 49.813 ug/l

RT: 13.60 min Scan# 1986

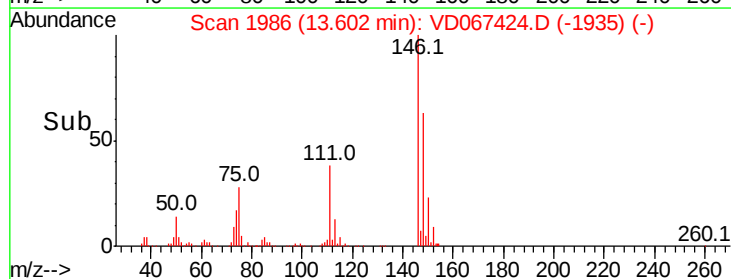
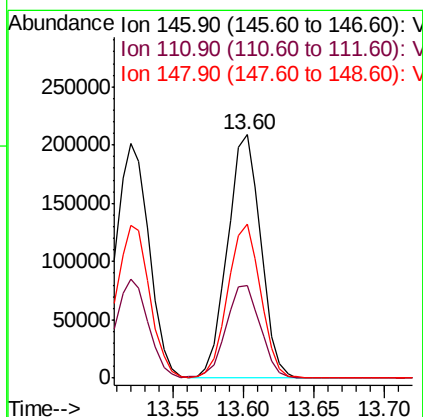
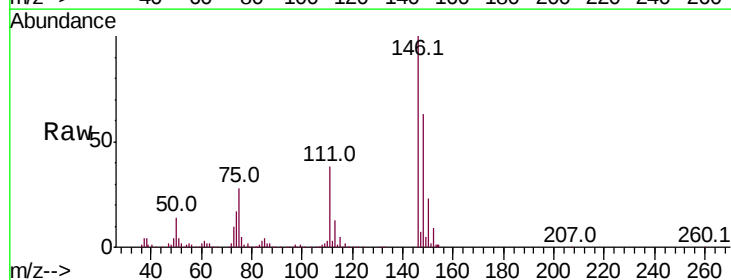
Delta R.T. 0.00 min

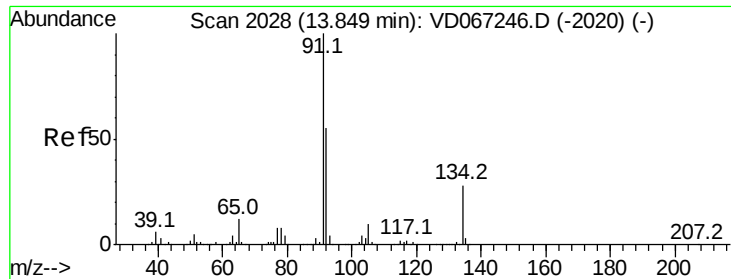
Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Tgt Ion:146 Resp: 342478

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 39.3  | 19.9  | 59.7  |
| 148 | 63.0  | 31.9  | 95.9  |

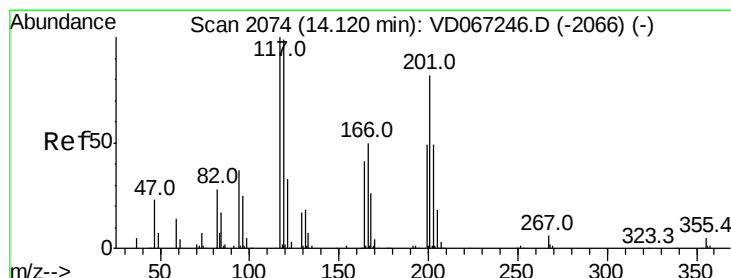
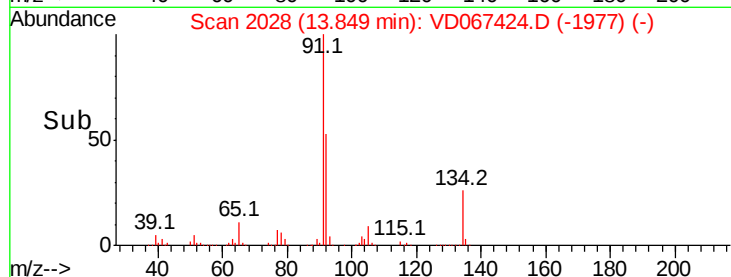
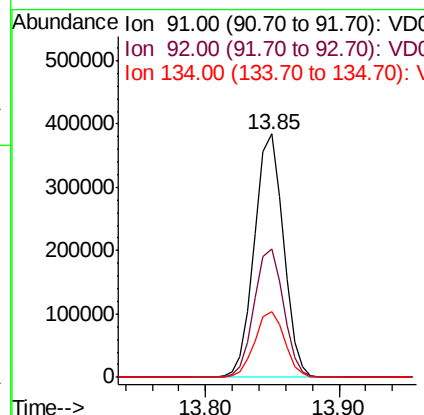
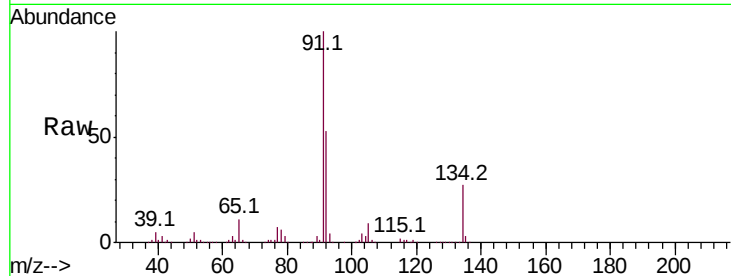




#89  
n-Butylbenzene  
Concen: 47.677 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.00 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

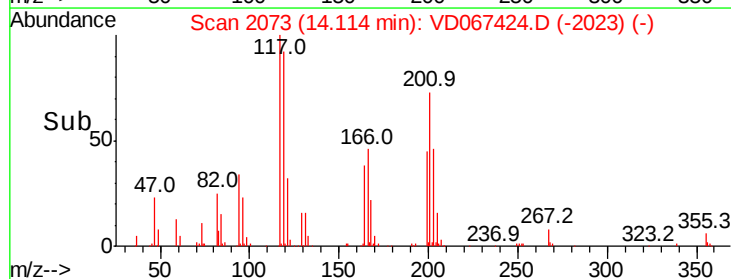
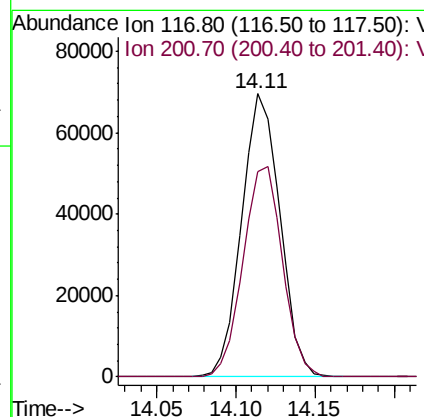
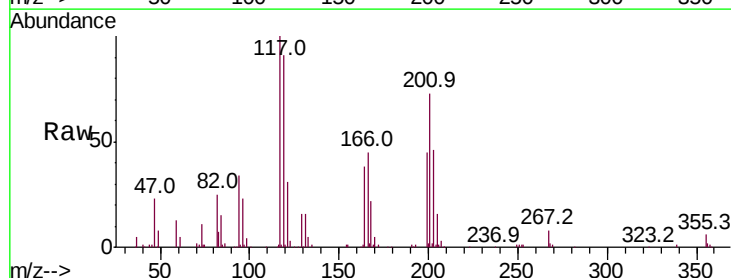
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

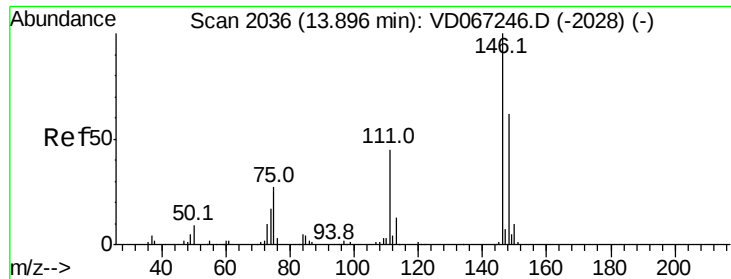
Tot Ion: 91 Resp: 576648  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.7 80.0  
134 27.6 14.2 42.6



#90  
Hexachloroethane  
Concen: 48.713 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. -0.01 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Tgt Ion: 117 Resp: 116867  
Ion Ratio Lower Upper  
117 100  
201 76.6 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 50.809 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

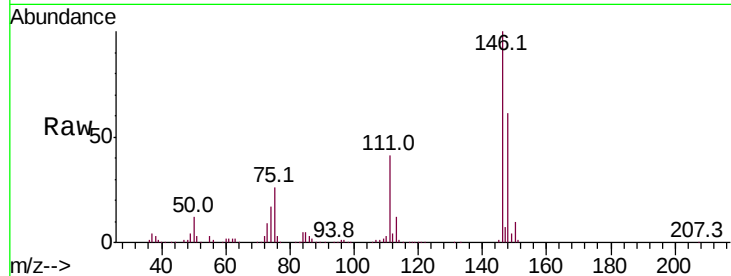
Tot Ion:146 Resp: 308015

Ion Ratio Lower Upper

146 100

111 42.6 22.0 66.0

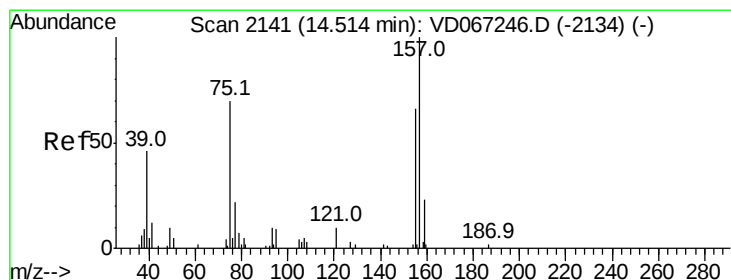
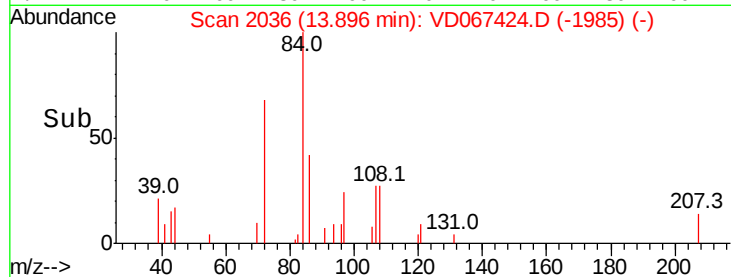
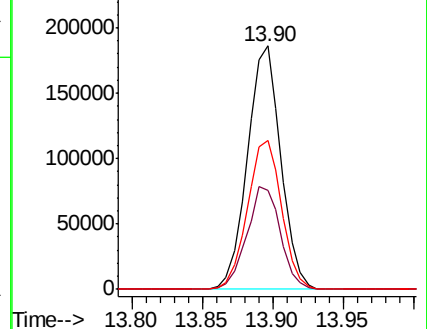
148 62.7 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.707 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067424.D

Acq: 27 Oct 2020 20:59

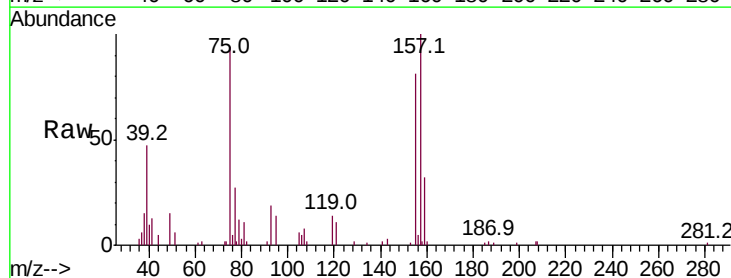
Tgt Ion: 75 Resp: 19204

Ion Ratio Lower Upper

75 100

155 96.5 44.8 134.4

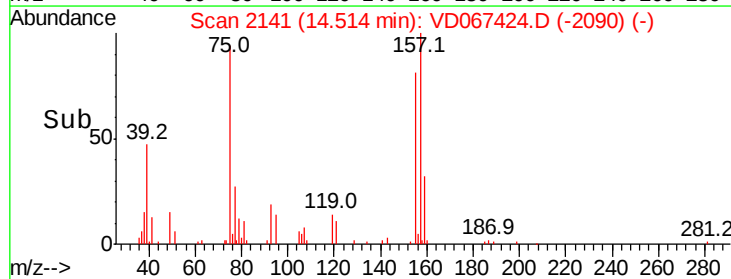
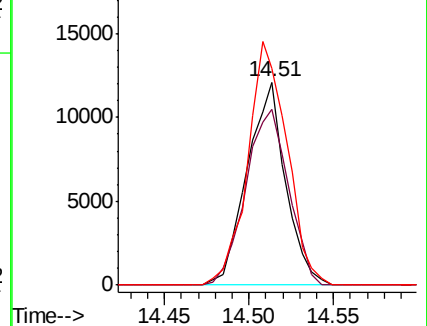
157 121.9 62.5 187.4

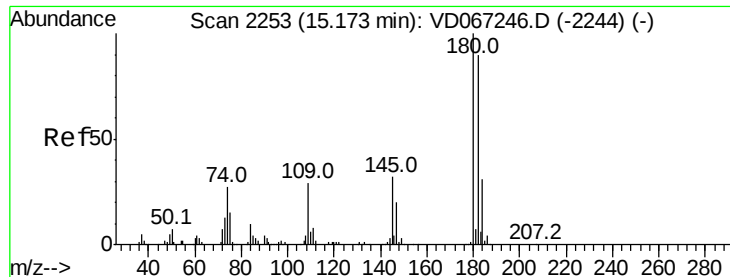


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

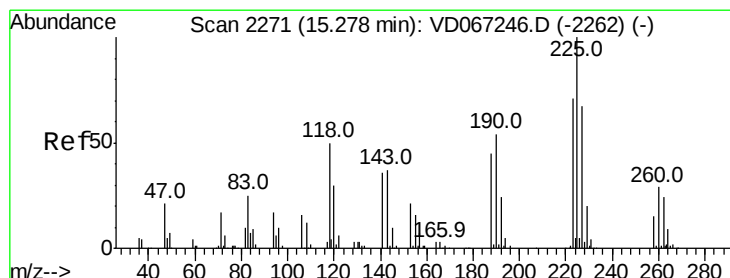
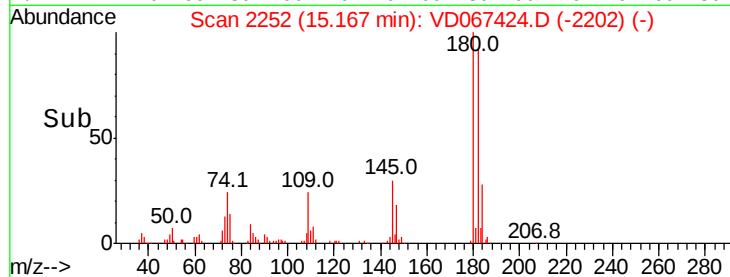
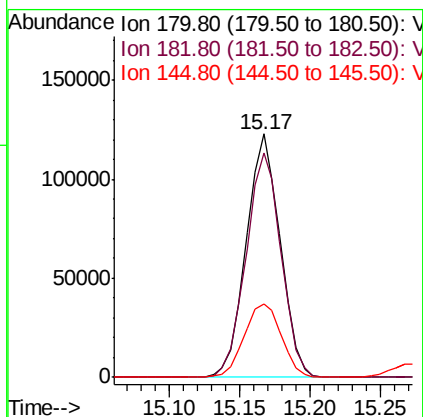
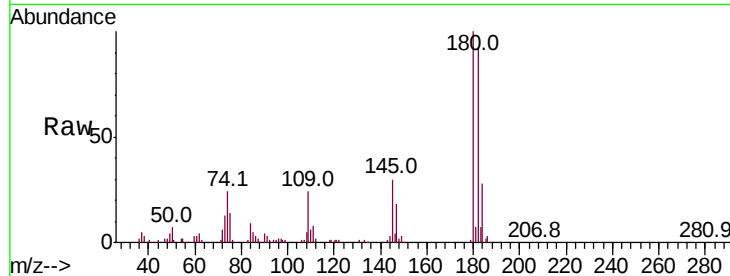




#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.660 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. -0.01 min  
 Lab File: VD067424.D  
 Acq: 27 Oct 2020 20:59

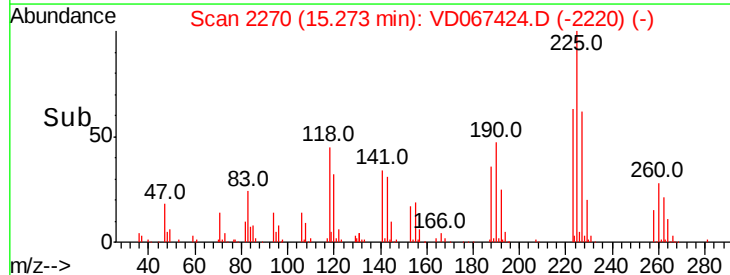
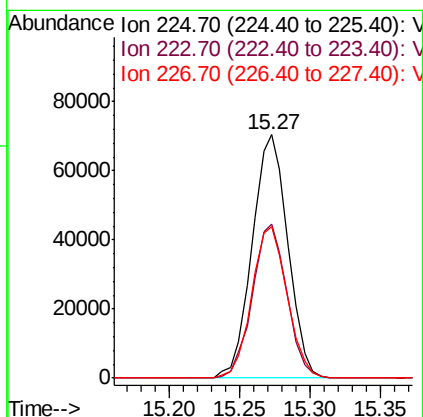
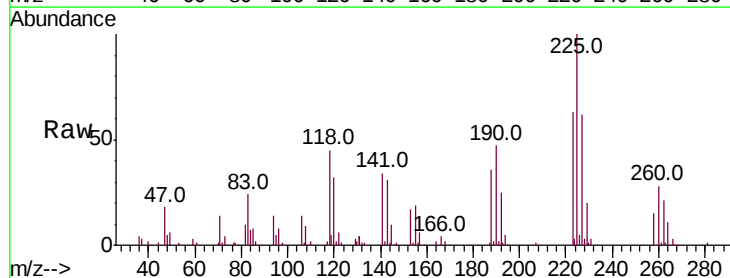
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

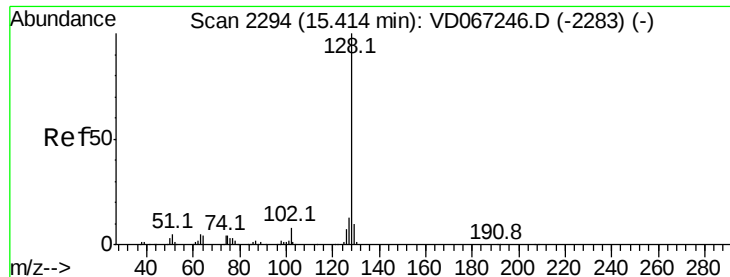
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 48.1  | 144.4 |
| 145     | 33.2  | 16.3  | 48.9  |



#94  
 Hexachlorobutadiene  
 Concen: 49.299 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. -0.01 min  
 Lab File: VD067424.D  
 Acq: 27 Oct 2020 20:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.1  | 31.9  | 95.7  |
| 227     | 61.7  | 31.2  | 93.6  |

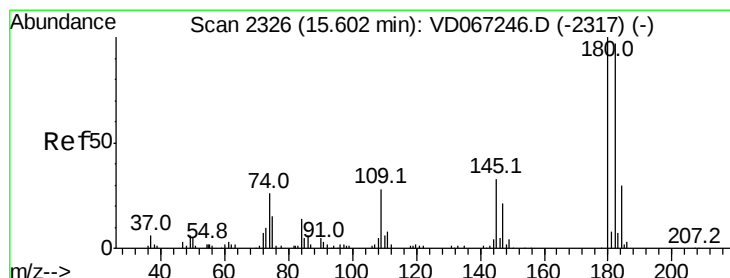
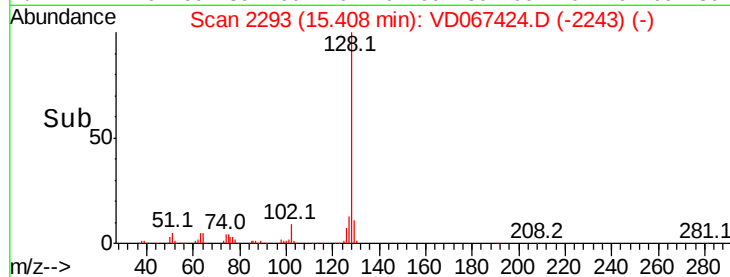
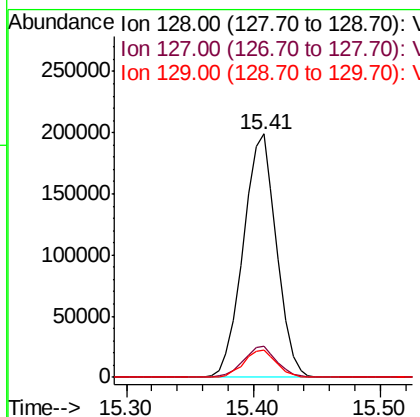
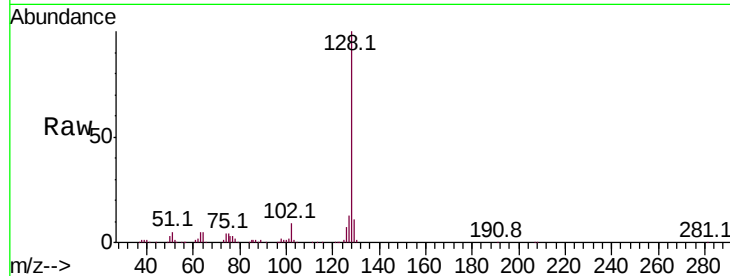




#95  
Naphthalene  
Concen: 53.902 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. -0.01 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:128 Resp: 361713  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.4 15.6  
129 11.0 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 52.810 ug/l  
RT: 15.60 min Scan# 2325  
Delta R.T. -0.01 min  
Lab File: VD067424.D  
Acq: 27 Oct 2020 20:59

Tgt Ion:180 Resp: 186475  
Ion Ratio Lower Upper  
180 100  
182 95.7 48.1 144.3  
145 34.8 17.3 51.9

