

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\  
 Data File : VD066552.D  
 Acq On : 03 Sep 2020 23:40  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 04 05:56:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D090320S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 04 01:57:04 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.97  | 168  | 324849   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 574831   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 546646   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 260461   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.33   | 65  | 221536   | 56.37 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 112.74% |      |
| 35) Dibromofluoromethane    | 7.91   | 113 | 203641   | 52.51 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.02% |      |
| 50) Toluene-d8              | 10.33  | 98  | 762922   | 55.04 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 110.08% |      |
| 62) 4-Bromofluorobenzene    | 12.63  | 95  | 258844   | 56.32 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 112.64% |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 127465  | 47.305  | ug/l   | 93     |
| 3) Chloromethane              | 2.20 | 50  | 208560  | 50.767  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.35 | 62  | 217068  | 47.639  | ug/l   | 100    |
| 5) Bromomethane               | 2.77 | 94  | 161652  | 56.729  | ug/l # | 81     |
| 6) Chloroethane               | 2.92 | 64  | 144084  | 49.785  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 299416  | 44.482  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.71 | 74  | 89575   | 52.847  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 162525  | 44.613  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.30 | 142 | 164382  | 49.512  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.21 | 59  | 60286   | 244.168 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 157303  | 48.063  | ug/l   | 86     |
| 13) Acrolein                  | 3.92 | 56  | 36467   | 226.917 | ug/l   | 92     |
| 14) Allyl chloride            | 4.71 | 41  | 272989  | 50.894  | ug/l   | 100    |
| 15) Acrylonitrile             | 5.42 | 53  | 198993  | 273.294 | ug/l   | 99     |
| 16) Acetone                   | 4.16 | 43  | 163001  | 225.396 | ug/l   | 93     |
| 17) Carbon Disulfide          | 4.40 | 76  | 525707  | 48.860  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.71 | 43  | 104204  | 60.446  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73  | 418154  | 54.483  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.97 | 84  | 214916  | 55.223  | ug/l   | 90     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 199432  | 51.314  | ug/l   | 98     |
| 22) Diisopropyl ether         | 6.36 | 45  | 622139  | 56.402  | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.30 | 43  | 1722722 | 274.449 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 358240  | 51.646  | ug/l   | 100    |
| 25) 2-Butanone                | 7.21 | 43  | 252178  | 259.767 | ug/l   | 92     |
| 26) 2,2-Dichloropropane       | 7.20 | 77  | 282347  | 44.375  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 226297  | 54.145  | ug/l   | 96     |
| 28) Bromochloromethane        | 7.54 | 49  | 152052  | 56.938  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 171189  | 283.146 | ug/l   | 98     |
| 30) Chloroform                | 7.71 | 83  | 389849  | 53.125  | ug/l   | 95     |
| 31) Cyclohexane               | 7.98 | 56  | 288939  | 45.062  | ug/l   | 92     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 328531  | 47.617  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 277894  | 46.453  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.29 | 43  | 120937  | 50.769  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 8.09 | 117 | 292378  | 46.239  | ug/l   | 99     |

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 Data File : VD066552.D  
 Acq On : 03 Sep 2020 23:40  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Sep 04 05:56:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D090320S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 04 01:57:04 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.35  | 83   | 303126   | 45.378  | ug/l   | 99       |
| 40) Benzene                    | 8.34  | 78   | 805006   | 49.133  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.52  | 41   | 68142    | 59.095  | ug/l # | 66       |
| 42) 1,2-Dichloroethane         | 8.42  | 62   | 258852   | 48.762  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.45  | 43   | 234677   | 51.407  | ug/l   | 98       |
| 44) Trichloroethene            | 9.11  | 130  | 209212   | 48.680  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 209114   | 50.752  | ug/l   | 99       |
| 46) Dibromomethane             | 9.47  | 93   | 114885   | 50.539  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.66  | 83   | 298771   | 48.579  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.45  | 41   | 111296   | 48.215  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 24837    | 995.916 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 610958   | 265.371 | ug/l   | 98       |
| 52) Toluene                    | 10.40 | 92   | 531486   | 51.246  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 276102   | 50.855  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 326100   | 50.016  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 149233   | 51.059  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 187110   | 54.982  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 268581   | 52.463  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 402341   | 258.480 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 409732   | 264.644 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 197771   | 51.170  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 143040   | 50.304  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.87 | 164  | 165957   | 45.090  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.67 | 112  | 542413   | 48.076  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 207144   | 48.107  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.74 | 91   | 994148   | 47.988  | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.85 | 106  | 756665   | 98.369  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 339101   | 49.190  | ug/l   | 98       |
| 70) Styrene                    | 12.20 | 104  | 612048   | 51.069  | ug/l   | 99       |
| 71) Bromoform                  | 12.36 | 173  | 105724   | 48.719  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 927458   | 48.094  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 210604   | 48.219  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 160588   | 47.136  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 218002   | 87.029  | ug/l # | 100      |
| 77) Bromobenzene               | 12.76 | 156  | 210937   | 49.063  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.82 | 91   | 1135345  | 48.566  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 639673   | 48.775  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 790651   | 48.712  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 50523    | 47.088  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 682586   | 48.671  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 634444   | 47.867  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 806988   | 49.938  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 893866   | 46.809  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 829629   | 48.269  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 410186   | 48.058  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 400023   | 46.695  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.85 | 91   | 793068   | 47.350  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 171220   | 46.233  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 353299   | 47.357  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 27004    | 46.660  | ug/l   | 98       |

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Data File : VD066552.D  
Acq On : 03 Sep 2020 23:40  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 23 Sample Multiplier: 1

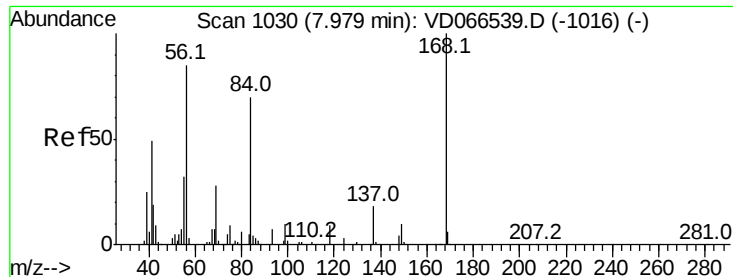
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Sep 04 05:56:06 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D090320S.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 04 01:57:04 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 215964   | 48.235 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 115594   | 42.974 | ug/l  | 96       |
| 95) Naphthalene            | 15.41 | 128  | 402011   | 51.383 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 192155   | 50.339 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

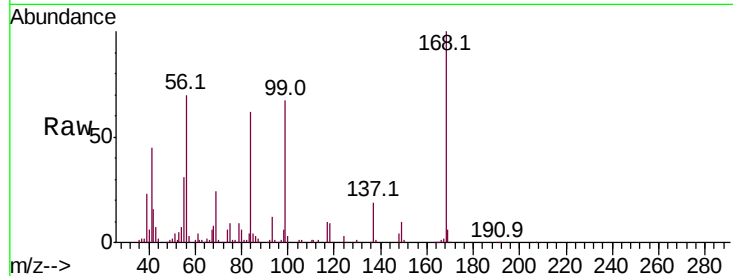
VSTDCCC050EC

Tot Ion:168 Resp: 324849

Ion Ratio Lower Upper

168 100

99 66.5 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

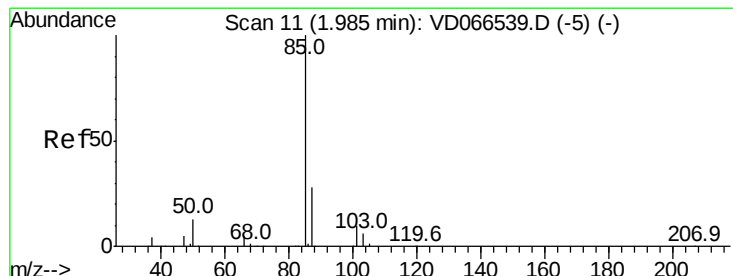
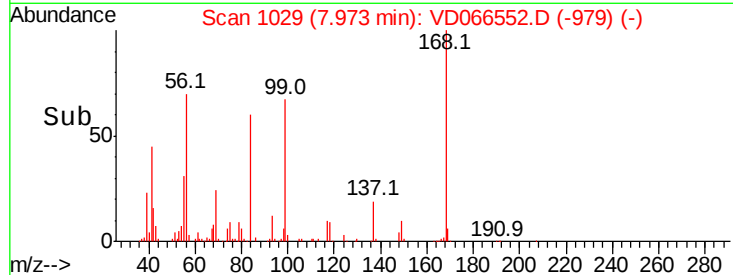
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 47.305 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066552.D

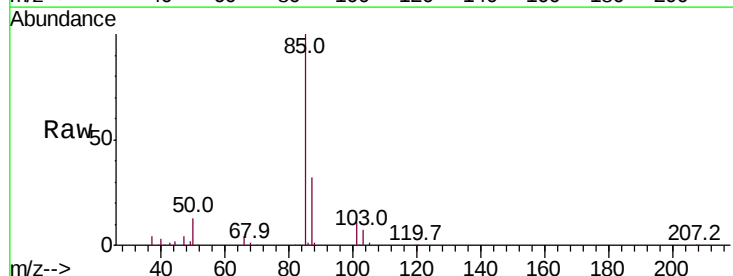
Acq: 03 Sep 2020 23:40

Tgt Ion: 85 Resp: 127465

Ion Ratio Lower Upper

85 100

87 32.1 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

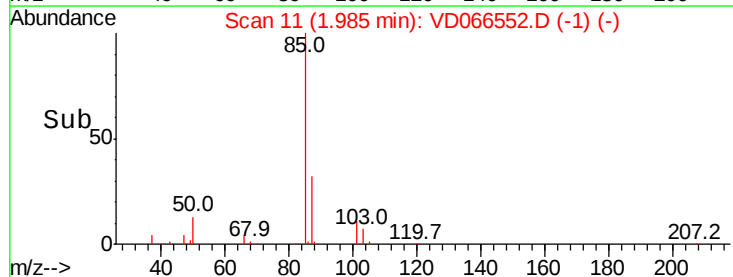
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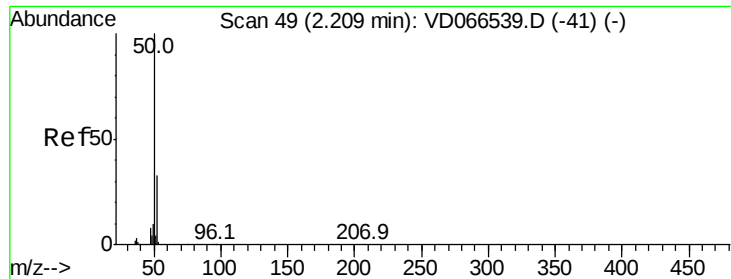
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0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 50.767 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

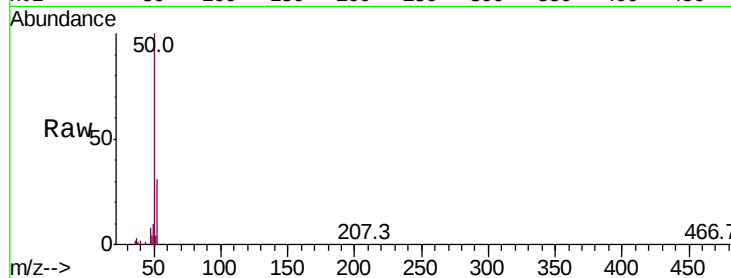
VSTDCCC050EC

Tot Ion: 50 Resp: 208560

Ion Ratio Lower Upper

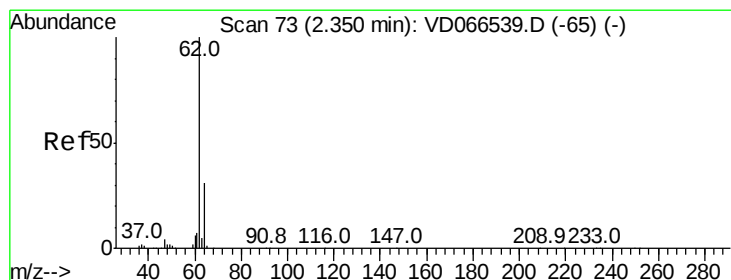
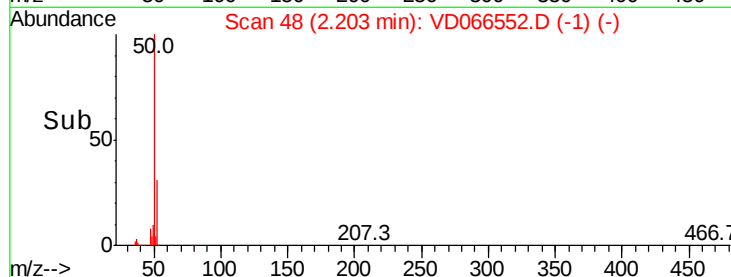
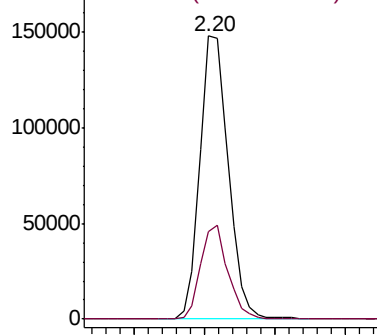
50 100

52 30.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 47.639 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066552.D

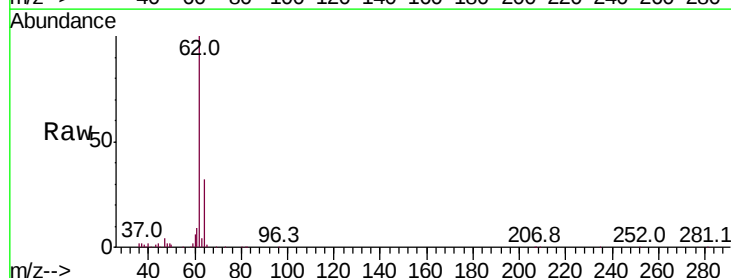
Acq: 03 Sep 2020 23:40

Tgt Ion: 62 Resp: 217068

Ion Ratio Lower Upper

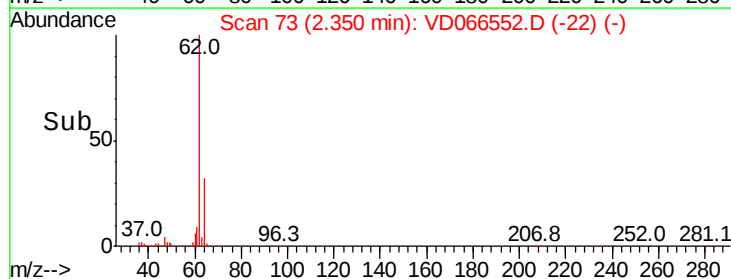
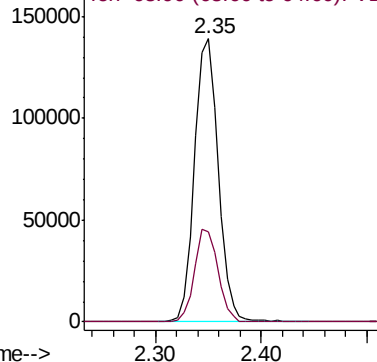
62 100

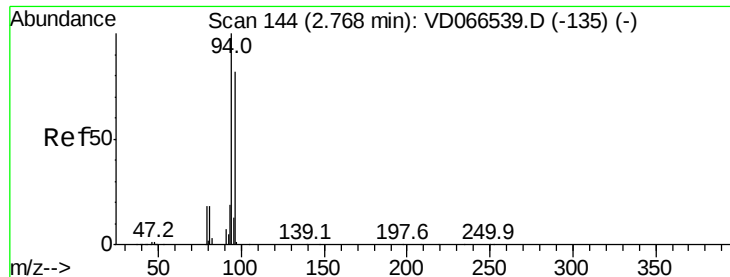
64 31.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 56.729 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

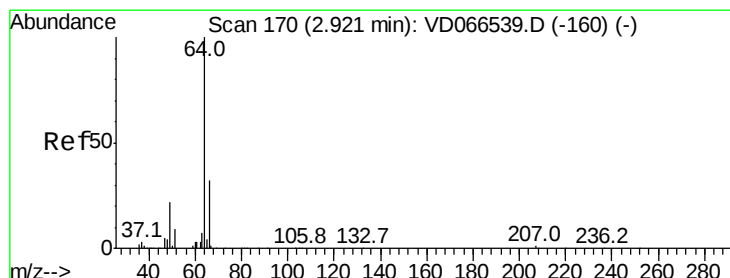
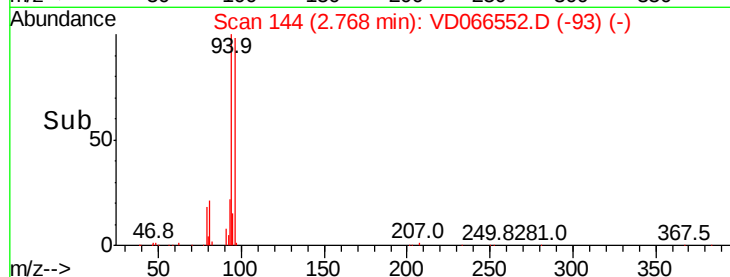
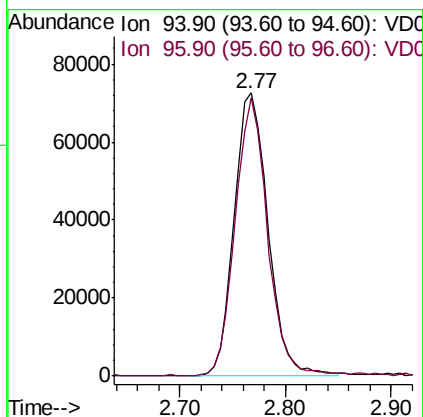
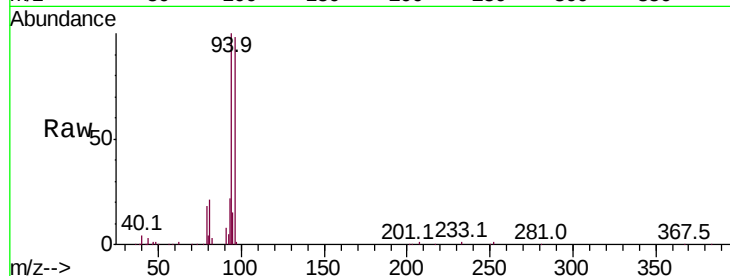
VSTDCCC050EC

Tot Ion: 94 Resp: 161652

Ion Ratio Lower Upper

94 100

96 98.5 65.2 97.8#



#6

Chloroethane

Concen: 49.785 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066552.D

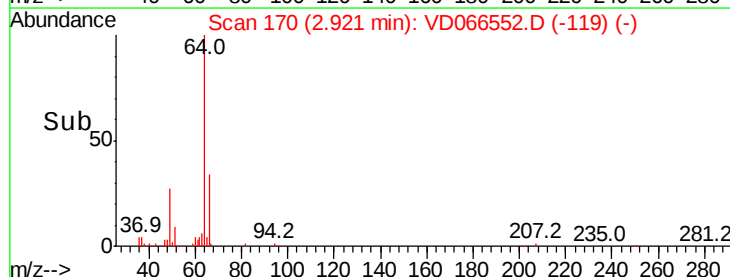
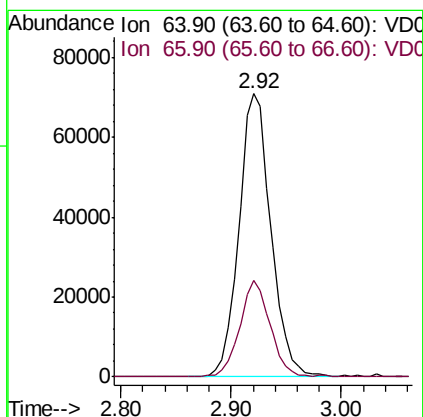
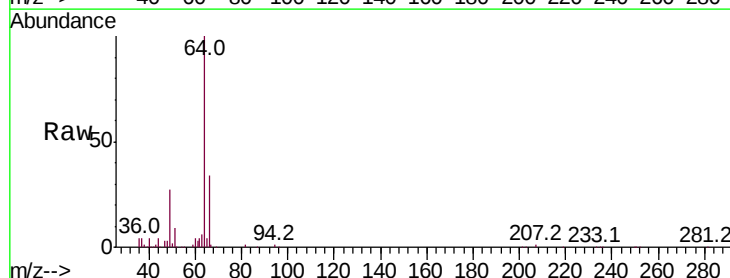
Acq: 03 Sep 2020 23:40

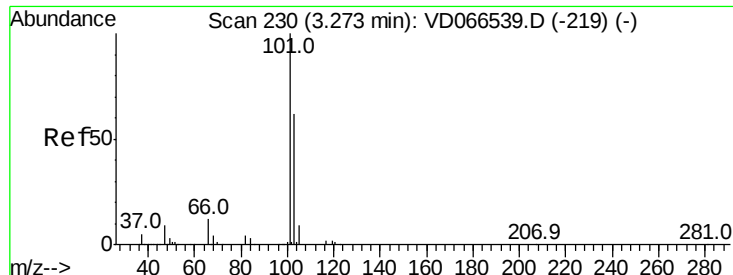
Tgt Ion: 64 Resp: 144084

Ion Ratio Lower Upper

64 100

66 34.2 25.4 38.0





#7

Trichlorofluoromethane

Concen: 44.482 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

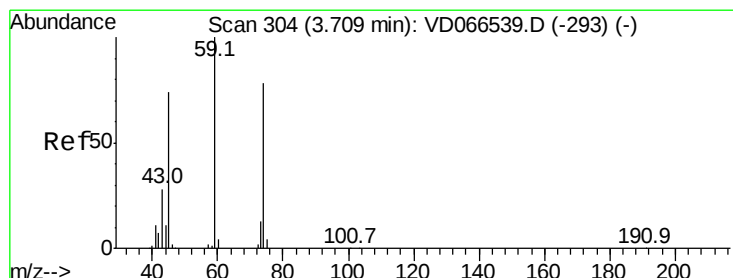
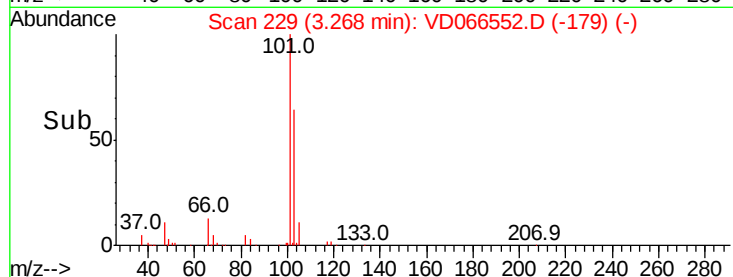
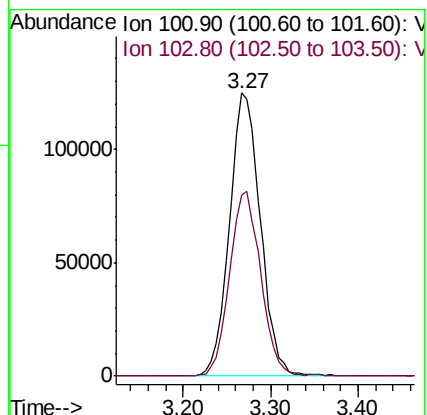
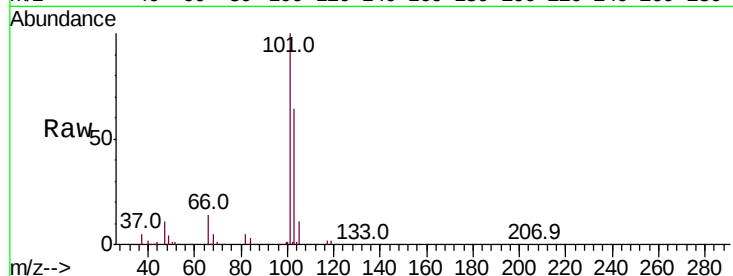
VSTDCCC050EC

Tot Ion:101 Resp: 299416

Ion Ratio Lower Upper

101 100

103 63.7 49.7 74.5



#8

Diethyl Ether

Concen: 52.847 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD066552.D

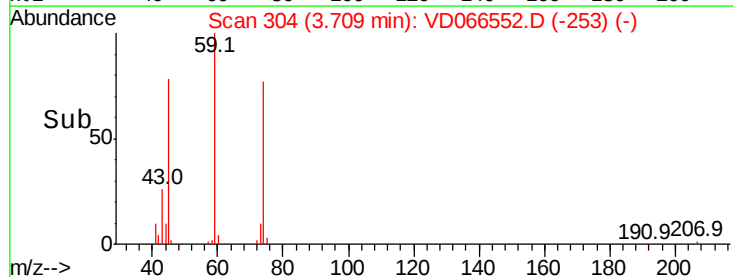
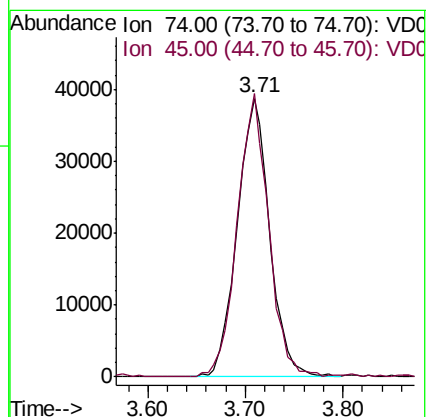
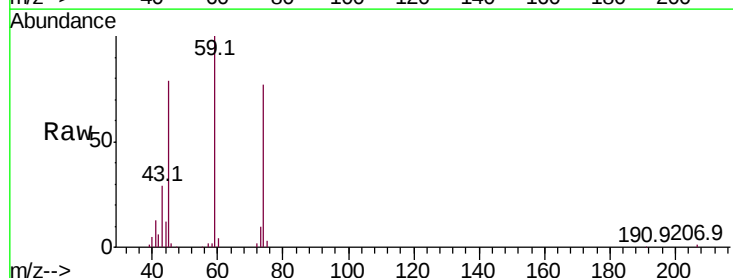
Acq: 03 Sep 2020 23:40

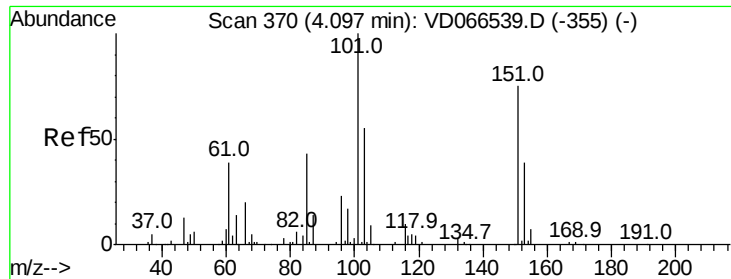
Tgt Ion: 74 Resp: 89575

Ion Ratio Lower Upper

74 100

45 98.4 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.613 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

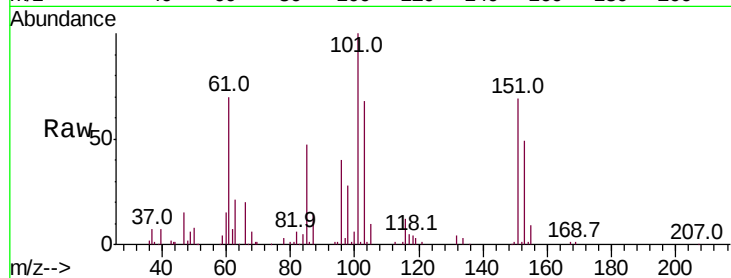
Tot Ion:101 Resp: 162525

Ion Ratio Lower Upper

101 100

85 47.1 37.0 55.6

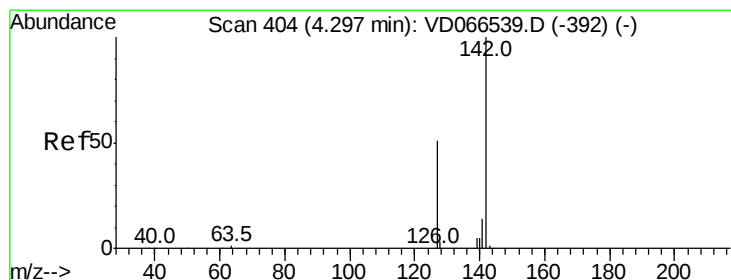
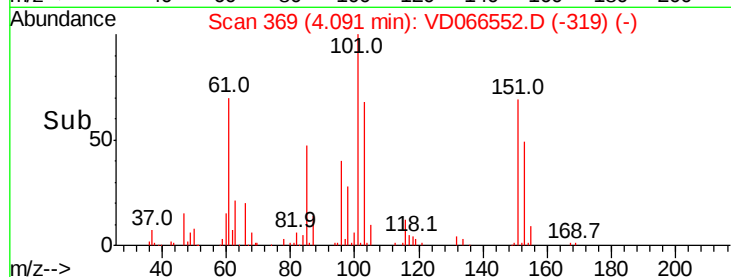
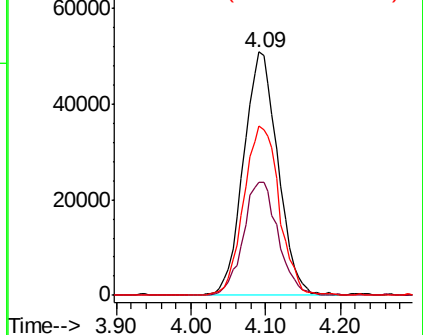
151 72.2 59.4 89.2



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: 49.512 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

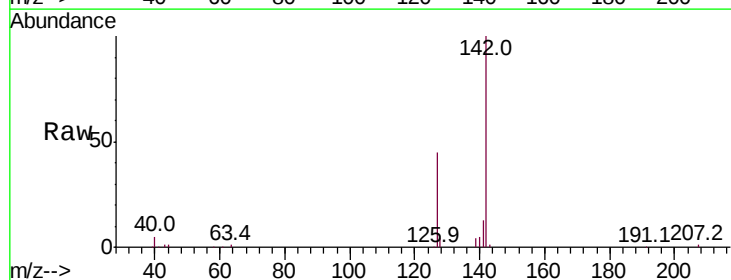
Tgt Ion:142 Resp: 164382

Ion Ratio Lower Upper

142 100

127 49.8 40.6 61.0

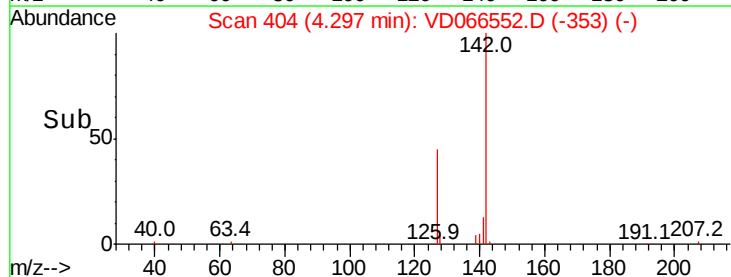
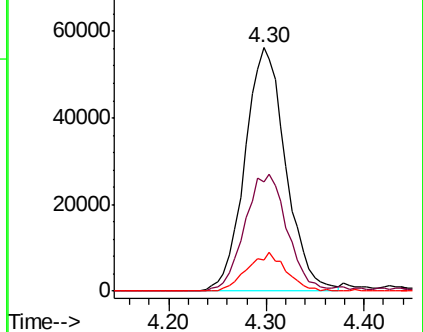
141 15.2 12.2 18.4

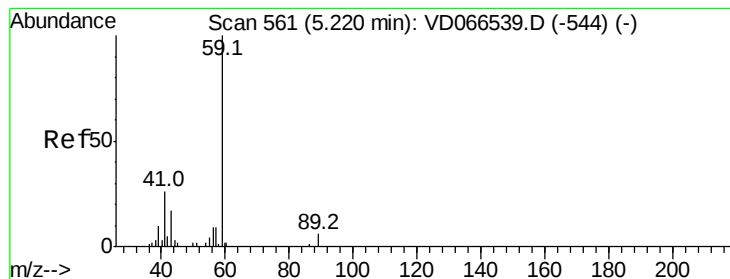


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



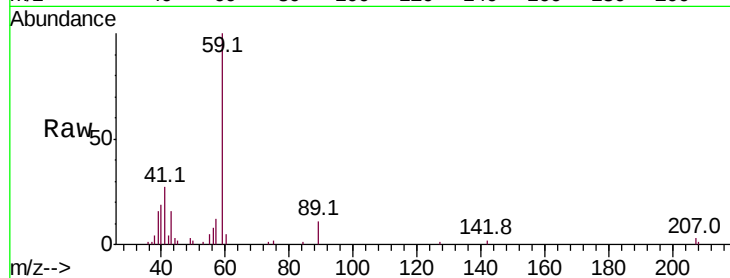


#11

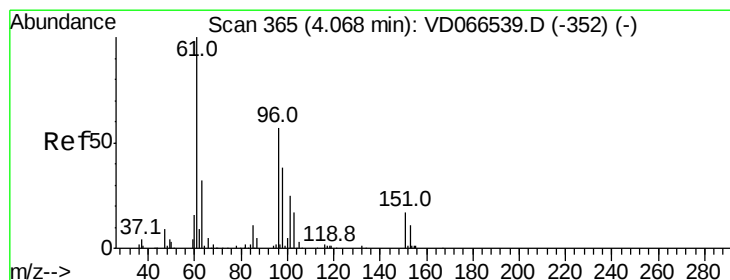
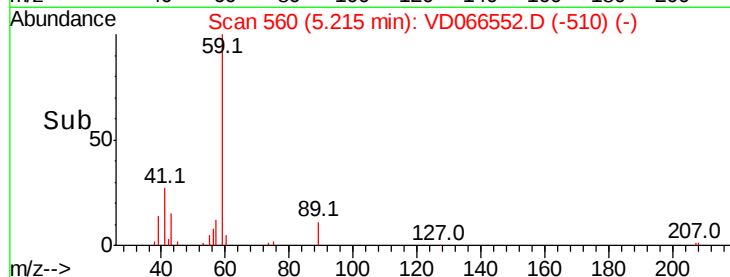
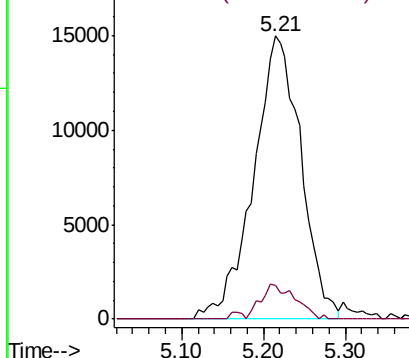
Tert butyl alcohol  
Concen: 244.168 ug/l  
RT: 5.21 min Scan# 560  
Delta R.T. -0.01 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 59 Resp: 60286  
Ion Ratio Lower Upper  
59 100  
57 8.9 7.6 11.4



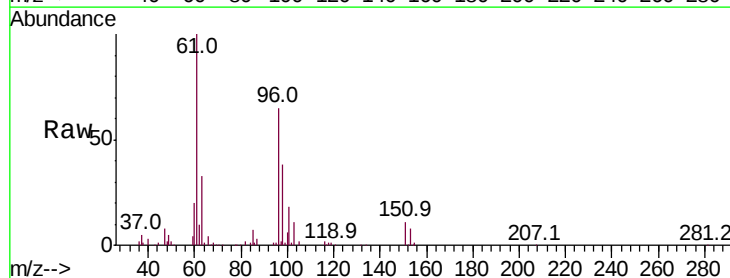
Abundance Ion 59.00 (58.70 to 59.70): VDC  
Ion 57.00 (56.70 to 57.70): VDC



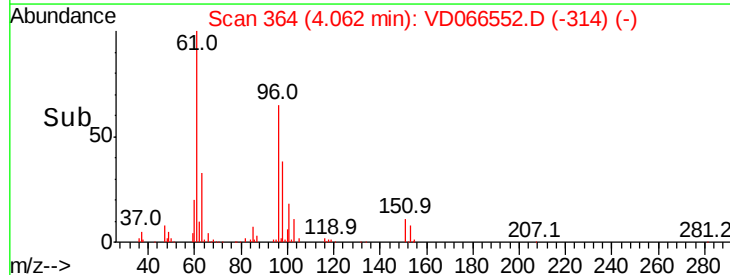
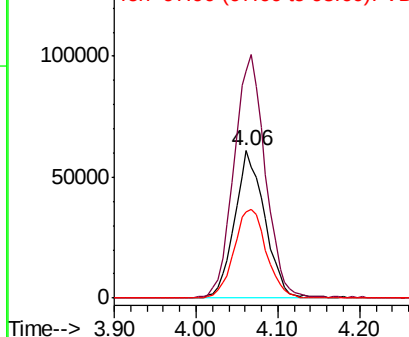
#12

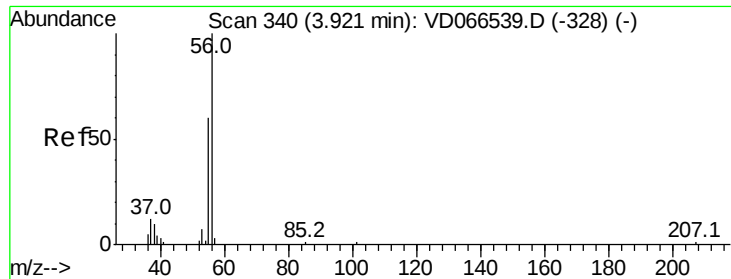
1,1-Dichloroethene  
Concen: 48.063 ug/l  
RT: 4.06 min Scan# 364  
Delta R.T. -0.01 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion: 96 Resp: 157303  
Ion Ratio Lower Upper  
96 100  
61 154.1 140.9 211.3  
98 58.5 53.2 79.8



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

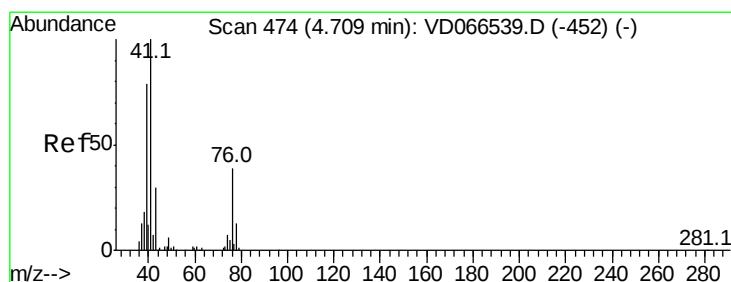
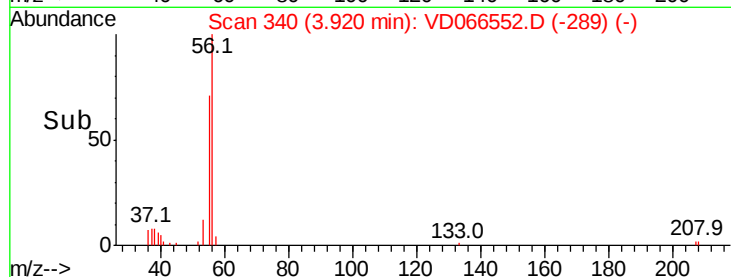
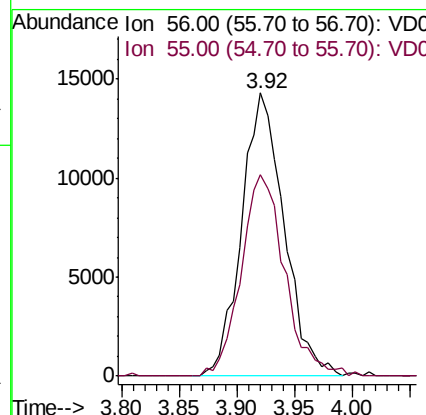
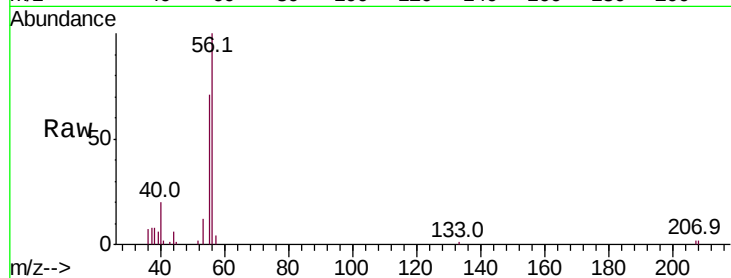




#13  
Acrolein  
Concen: 226.917 ug/l  
RT: 3.92 min Scan# 340  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

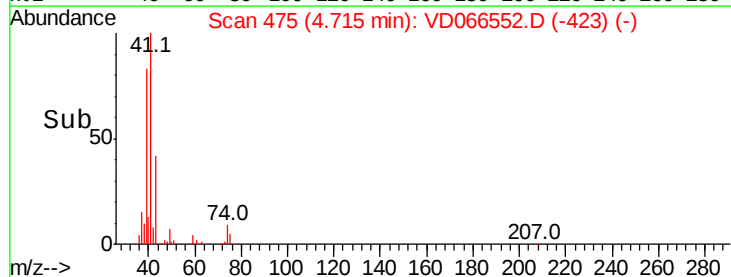
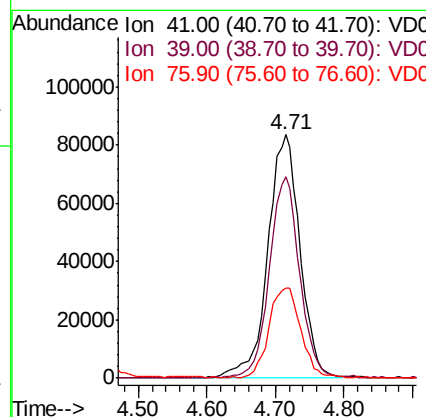
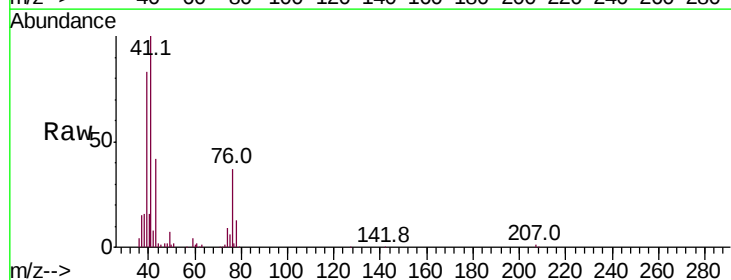
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

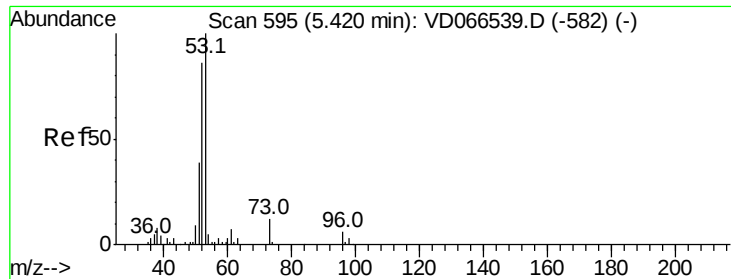
Tot Ion: 56 Resp: 36467  
Ion Ratio Lower Upper  
56 100  
55 73.1 53.6 80.4



#14  
Allyl chloride  
Concen: 50.894 ug/l  
RT: 4.71 min Scan# 475  
Delta R.T. 0.01 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion: 41 Resp: 272989  
Ion Ratio Lower Upper  
41 100  
39 77.7 61.9 92.9  
76 36.2 29.0 43.6





#15

Acrylonitrile

Concen: 273.294 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

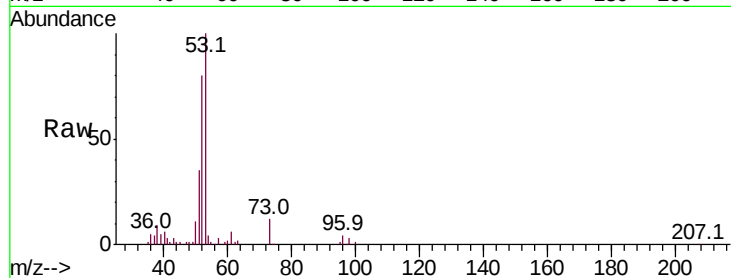
Tot Ion: 53 Resp: 198993

Ion Ratio Lower Upper

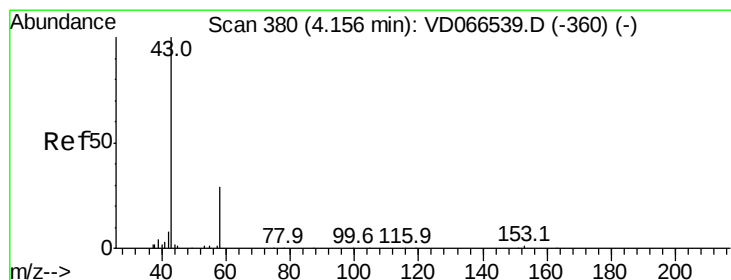
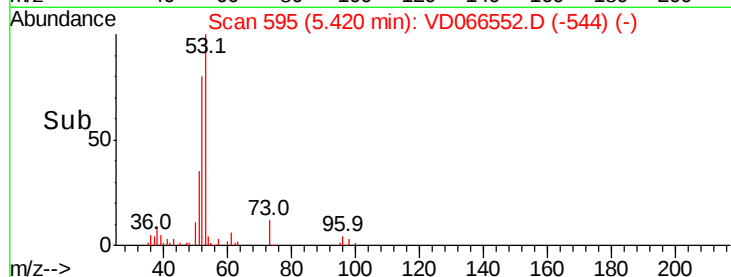
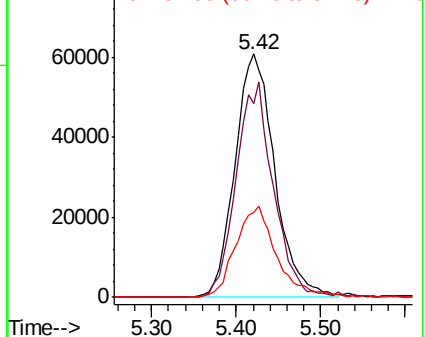
53 100

52 82.1 65.4 98.2

51 38.2 31.2 46.8



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: 225.396 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066552.D

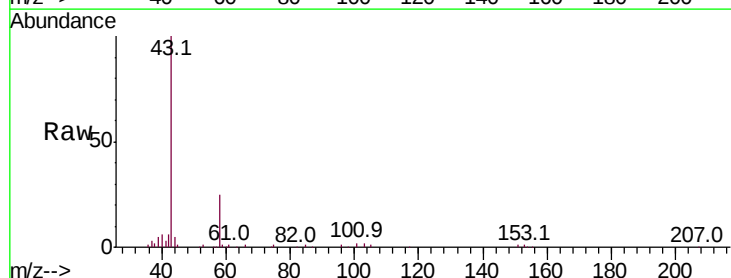
Acq: 03 Sep 2020 23:40

Tgt Ion: 43 Resp: 163001

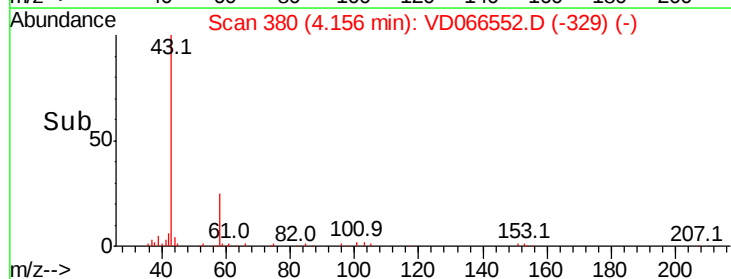
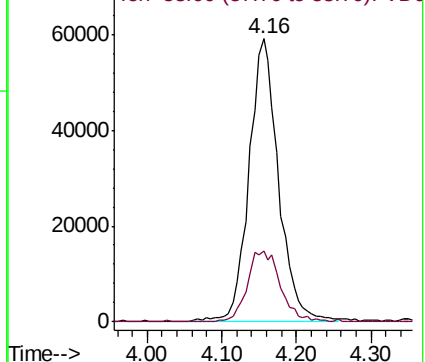
Ion Ratio Lower Upper

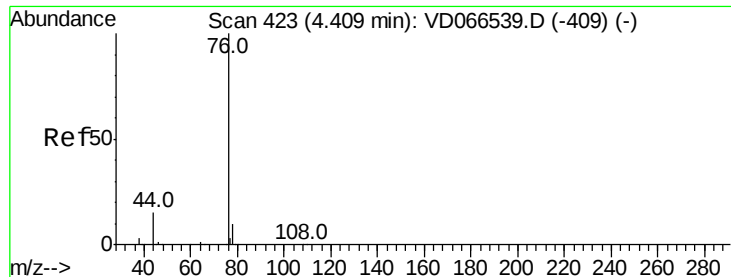
43 100

58 25.0 22.9 34.3



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





#17

Carbon Disulfide

Concen: 48.860 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

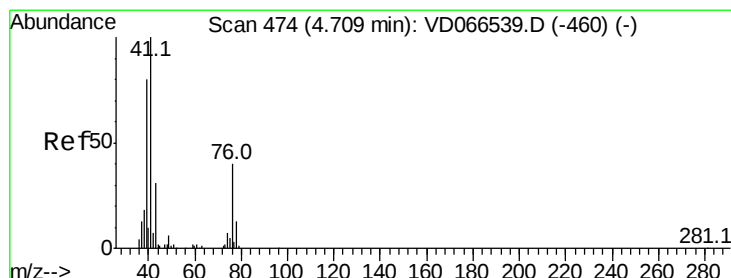
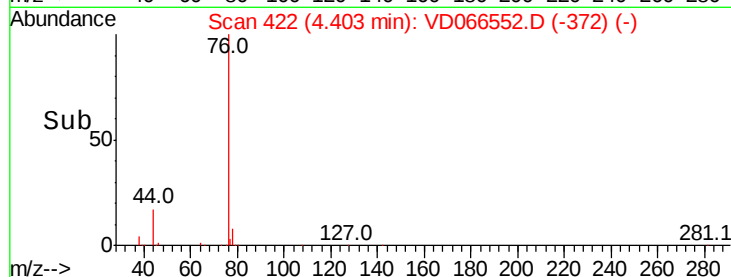
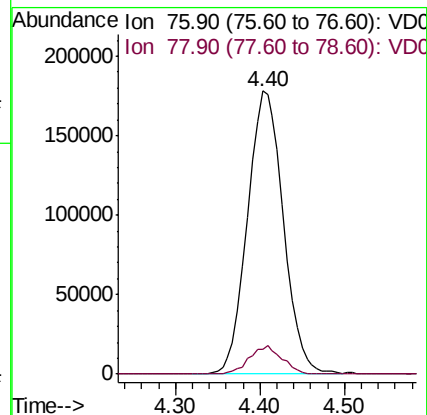
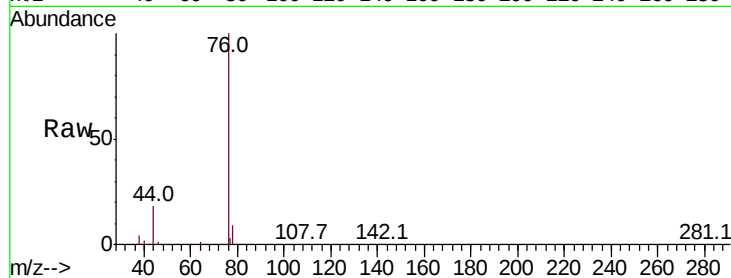
VSTDCCC050EC

Tot Ion: 76 Resp: 525707

Ion Ratio Lower Upper

76 100

78 8.8 7.6 11.4



#18

Methyl Acetate

Concen: 60.446 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066552.D

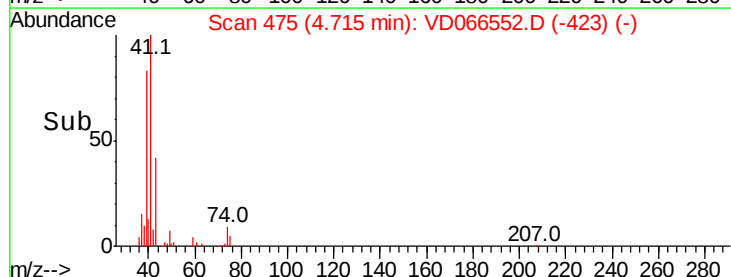
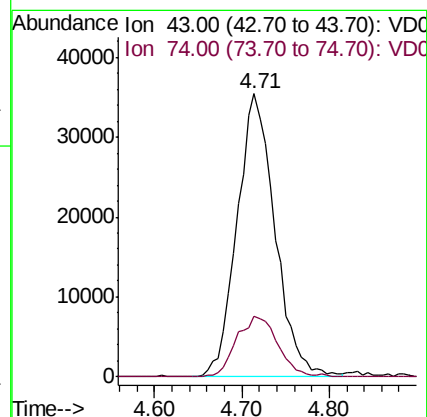
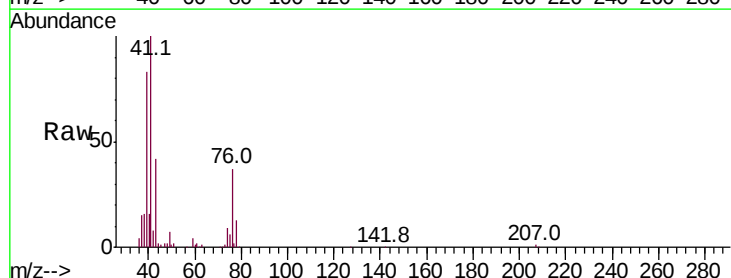
Acq: 03 Sep 2020 23:40

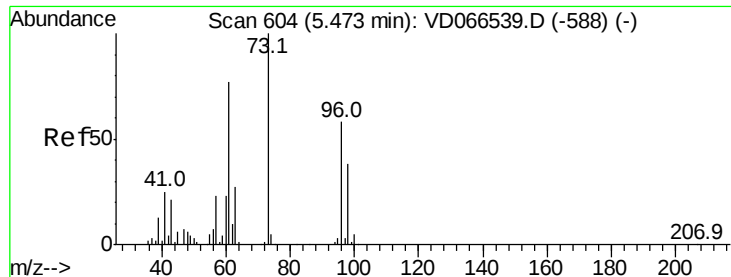
Tgt Ion: 43 Resp: 104204

Ion Ratio Lower Upper

43 100

74 23.2 18.0 27.0

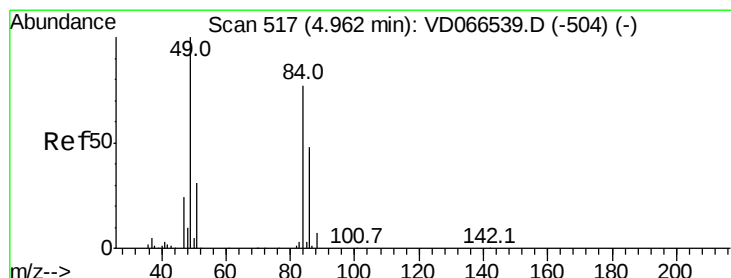
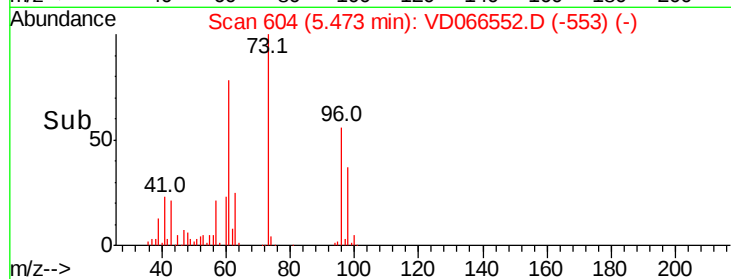
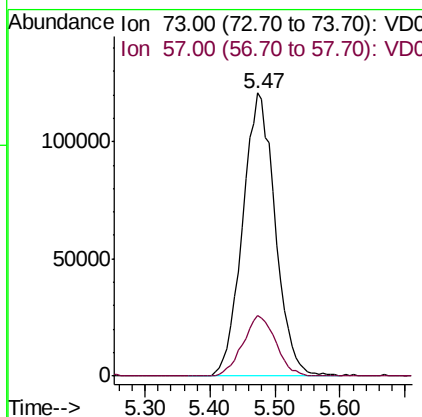
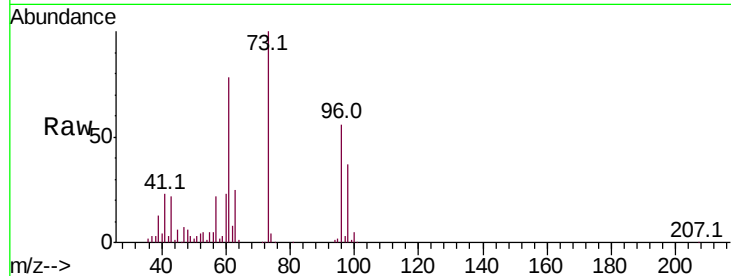




#19  
Methvl tert-butvl Ether  
Concen: 54.483 ug/l  
RT: 5.47 min Scan# 604  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

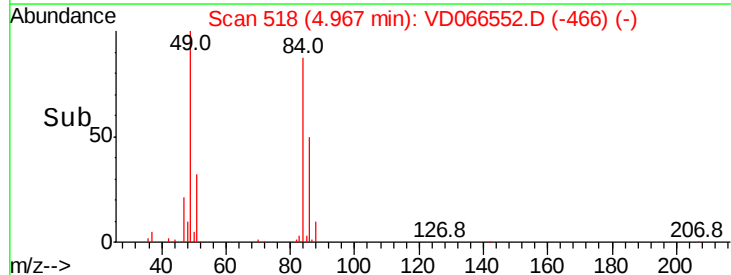
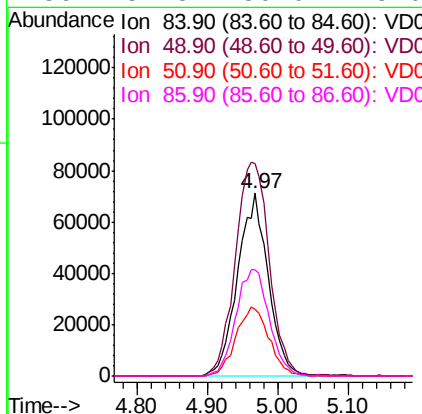
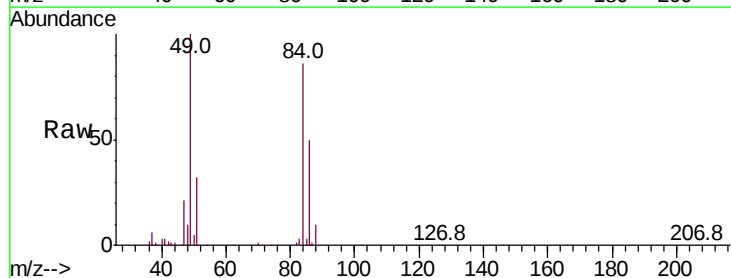
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

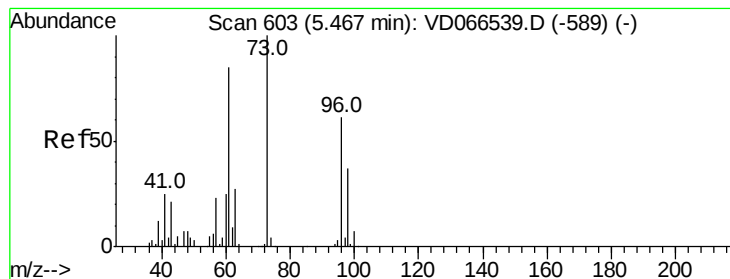
Tot Ion: 73 Resp: 418154  
Ion Ratio Lower Upper  
73 100  
57 21.6 18.3 27.5



#20  
Methylene Chloride  
Concen: 55.223 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. 0.01 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion: 84 Resp: 214916  
Ion Ratio Lower Upper  
84 100  
49 116.0 104.3 156.5  
51 36.7 32.2 48.4  
86 57.8 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 51.314 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

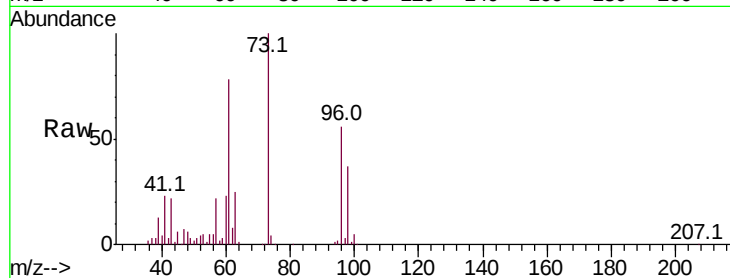
Tot Ion: 96 Resp: 199432

Ion Ratio Lower Upper

96 100

61 139.3 112.1 168.1

98 65.4 48.6 72.8

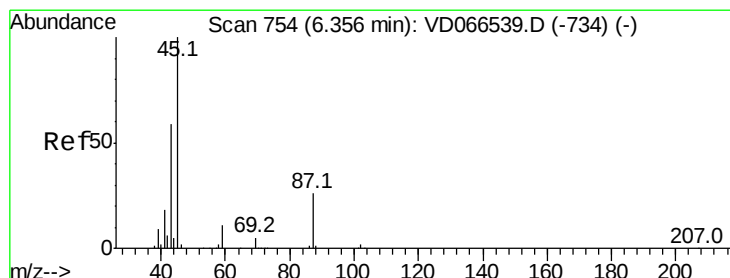
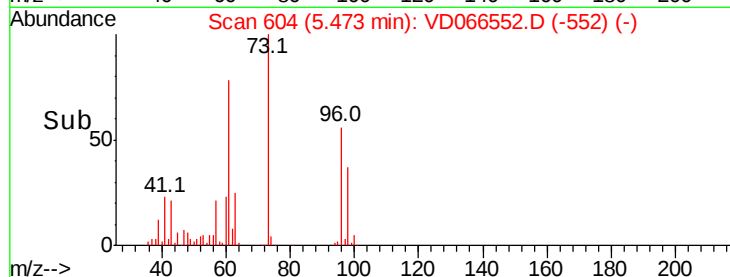
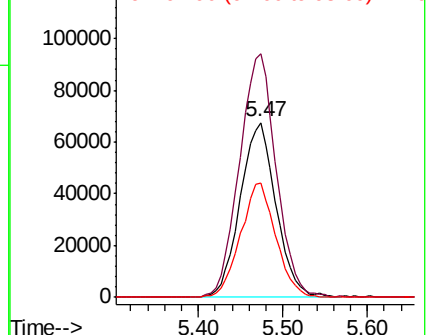


Abundance

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: 56.402 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Tgt Ion: 45 Resp: 622139

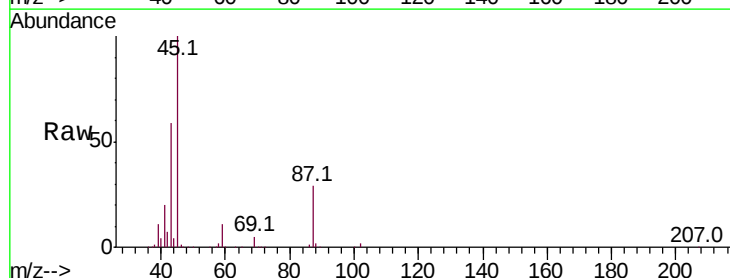
Ion Ratio Lower Upper

45 100

43 58.0 47.0 70.4

87 28.7 21.3 31.9

59 11.2 8.7 13.1



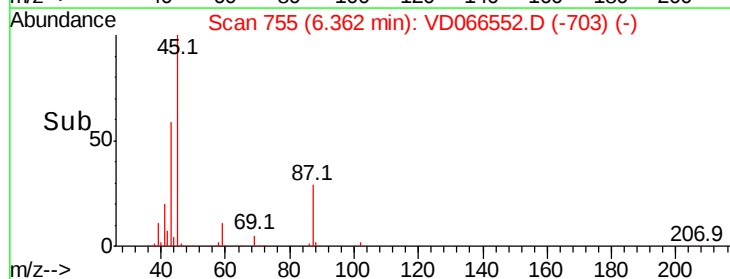
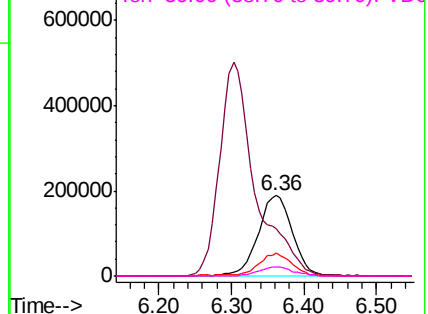
Abundance

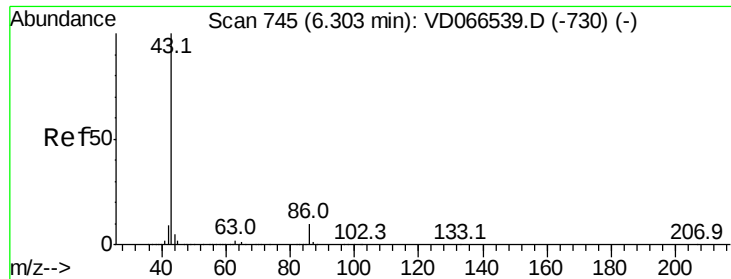
Ion 45.00 (44.70 to 45.70): VDC

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

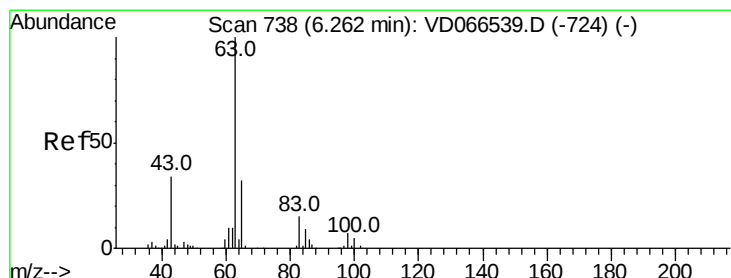
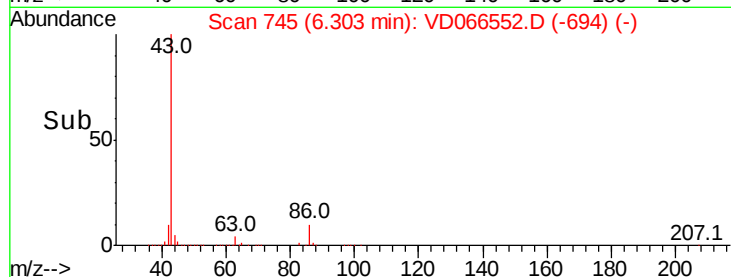
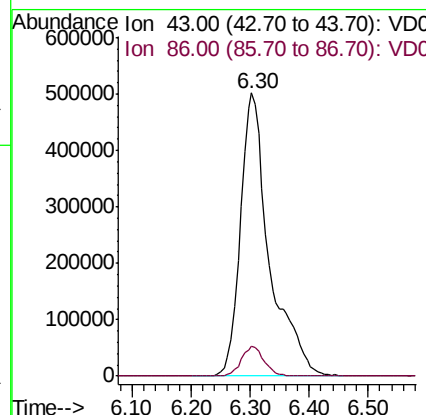
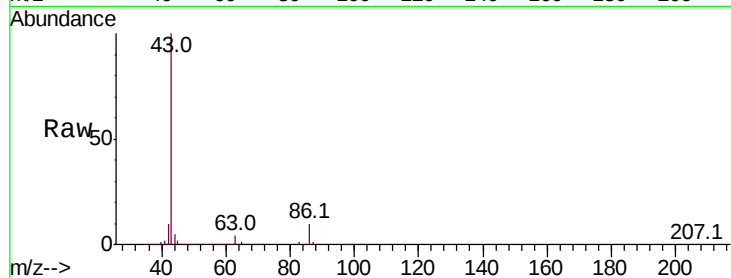




#23  
 Vinyl Acetate  
 Concen: 274.449 ug/l  
 RT: 6.30 min Scan# 745  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

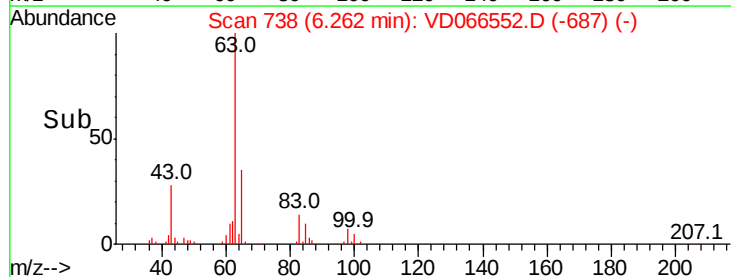
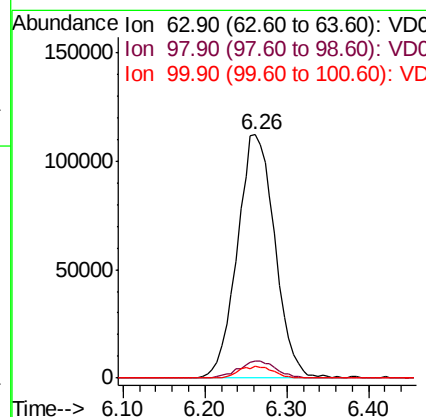
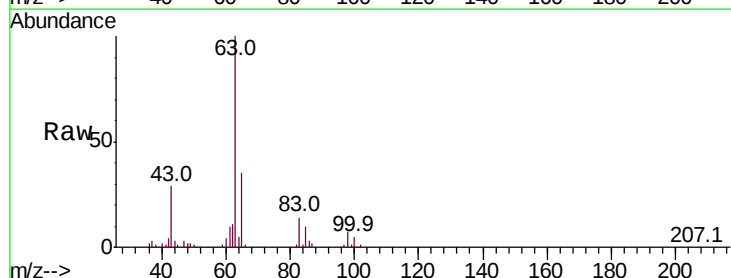
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

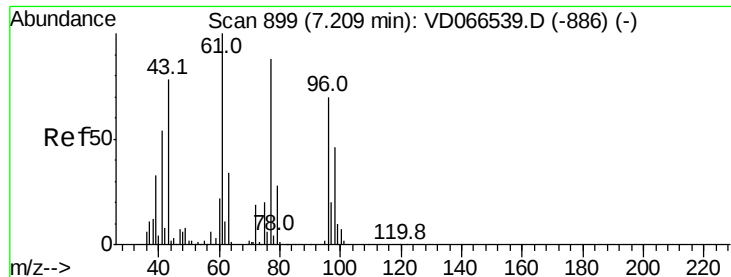
Tot Ion: 43 Resp: 1722722  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 7.7 11.5



#24  
 1,1-Dichloroethane  
 Concen: 51.646 ug/l  
 RT: 6.26 min Scan# 738  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

Tgt Ion: 63 Resp: 358240  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.4 10.1  
 100 5.0 2.5 7.4





#25

2-Butanone

Concen: 259.767 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

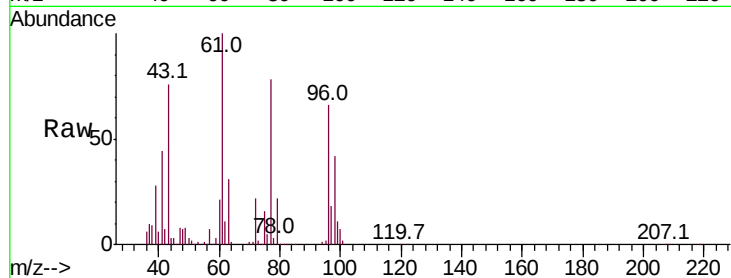
VSTDCCC050EC

Tot Ion: 43 Resp: 252178

Ion Ratio Lower Upper

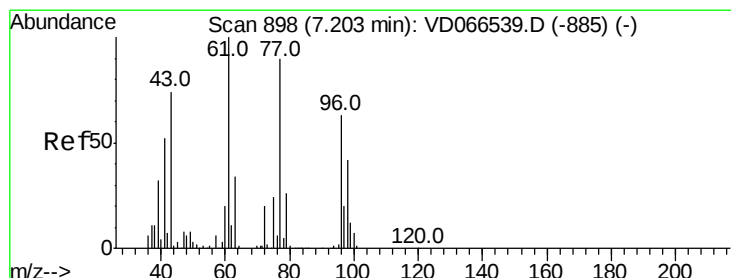
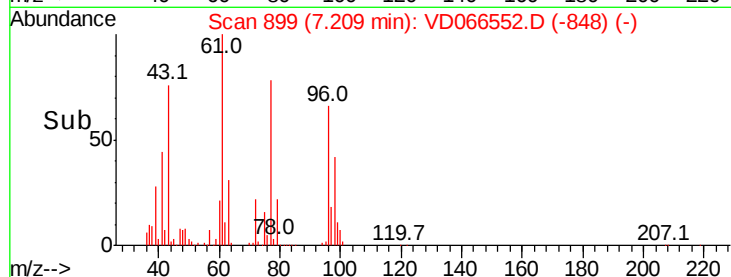
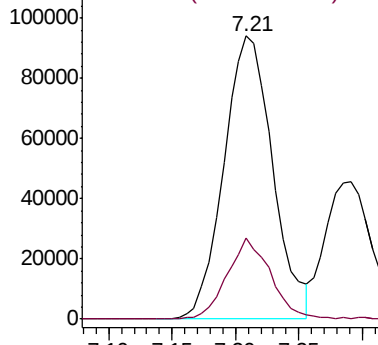
43 100

72 28.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 44.375 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066552.D

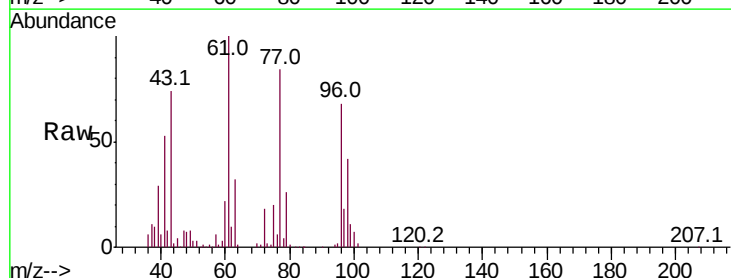
Acq: 03 Sep 2020 23:40

Tgt Ion: 77 Resp: 282347

Ion Ratio Lower Upper

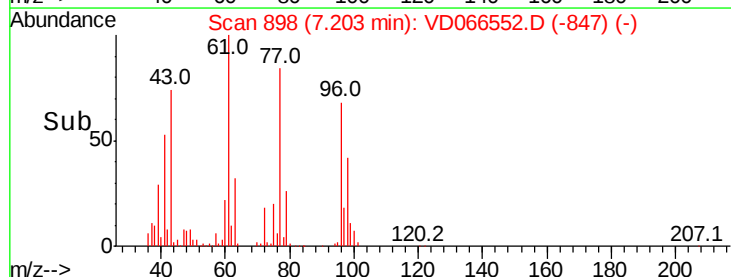
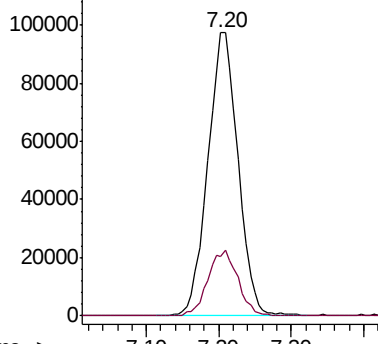
77 100

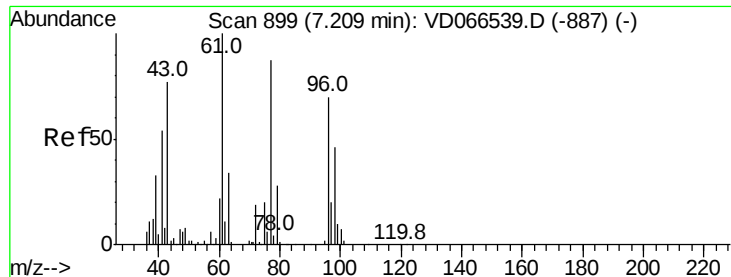
97 23.0 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



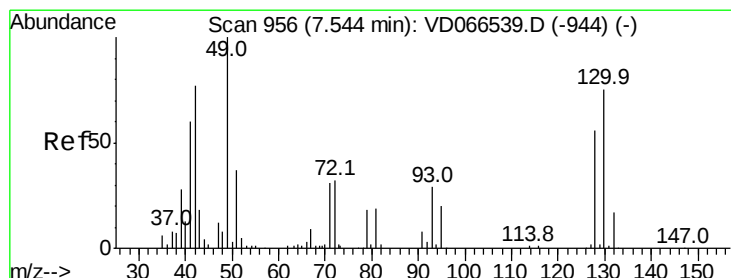
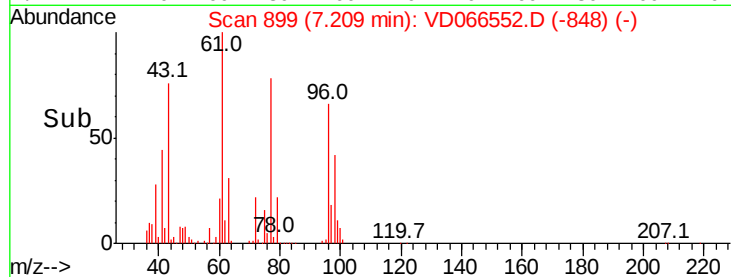
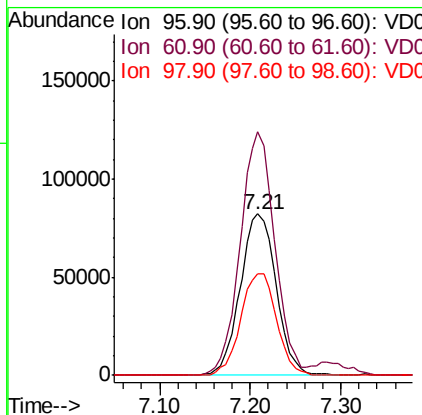
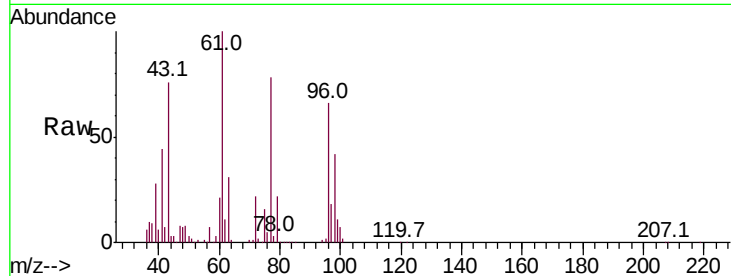


#27

cis-1,2-Dichloroethene  
 Concen: 54.145 ug/l  
 RT: 7.21 min Scan# 899  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

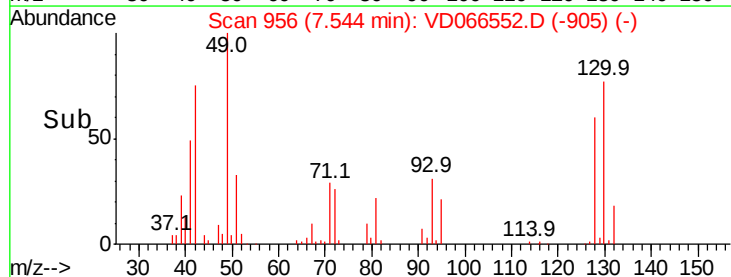
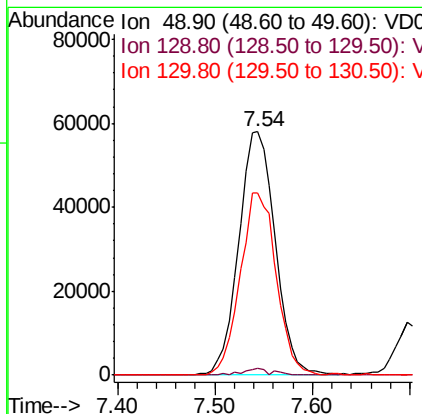
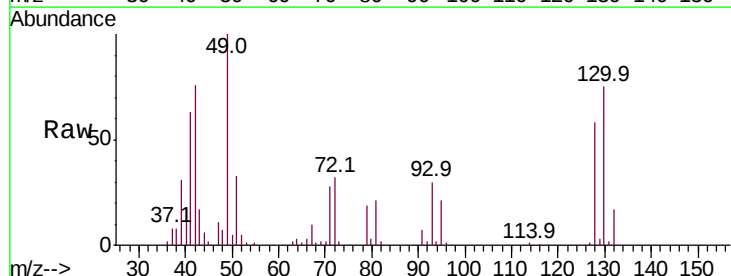
| Tot Ion | 96    | Resp  | 226297 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 145.2 | 0.0   | 301.0  |
| 98      | 63.1  | 0.0   | 129.8  |

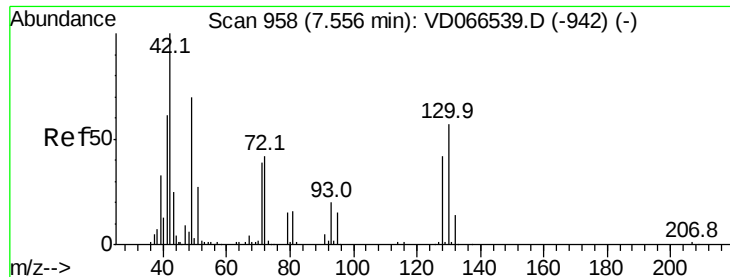


#28

Bromochloromethane  
 Concen: 56.938 ug/l  
 RT: 7.54 min Scan# 956  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

| Tgt Ion | 49    | Resp  | 152052 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 49      | 100   |       |        |
| 129     | 1.6   | 0.0   | 2.6    |
| 130     | 73.8  | 58.2  | 87.2   |

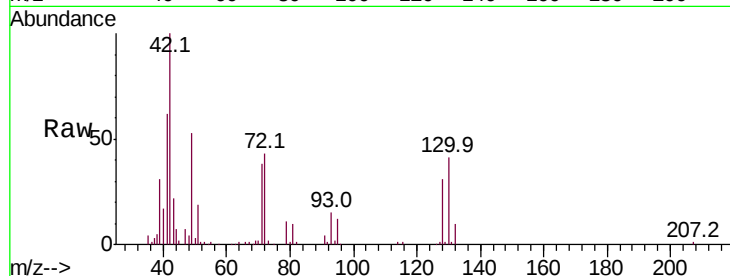




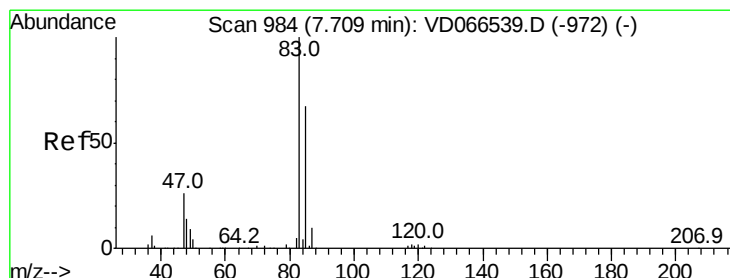
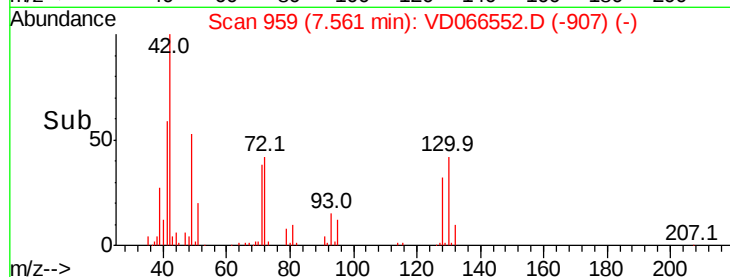
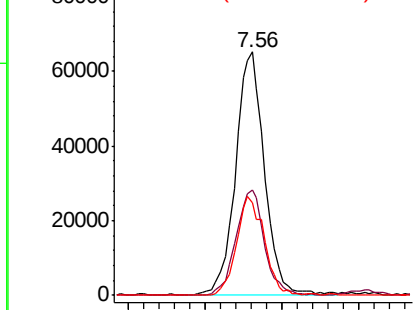
#29  
Tetrahydrofuran  
Concen: 283.146 ug/l  
RT: 7.56 min Scan# 959  
Delta R.T. 0.01 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 42 Resp: 171189  
Ion Ratio Lower Upper  
42 100  
72 42.6 33.4 50.0  
71 38.8 31.9 47.9

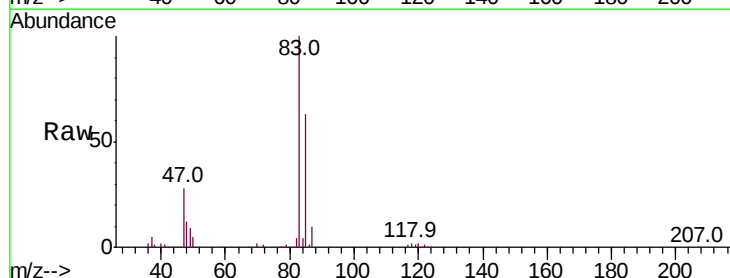


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

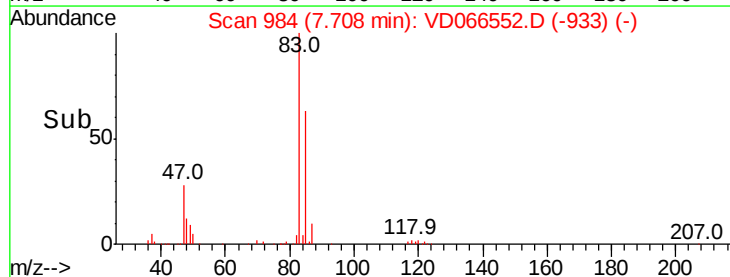
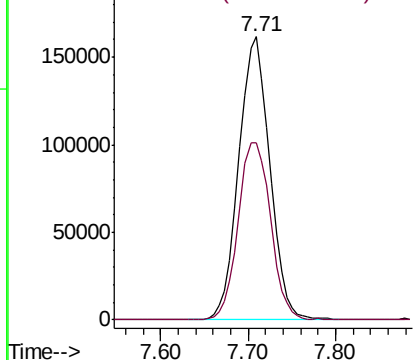


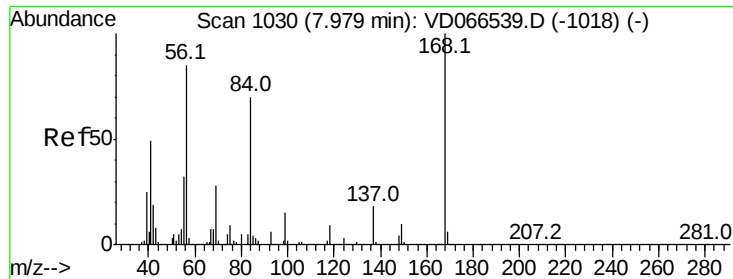
#30  
Chloroform  
Concen: 53.125 ug/l  
RT: 7.71 min Scan# 984  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion: 83 Resp: 389849  
Ion Ratio Lower Upper  
83 100  
85 62.8 53.6 80.4



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

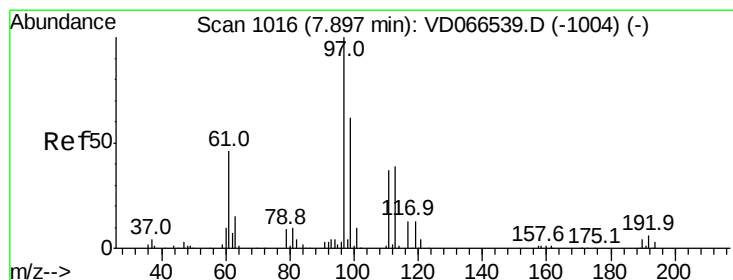
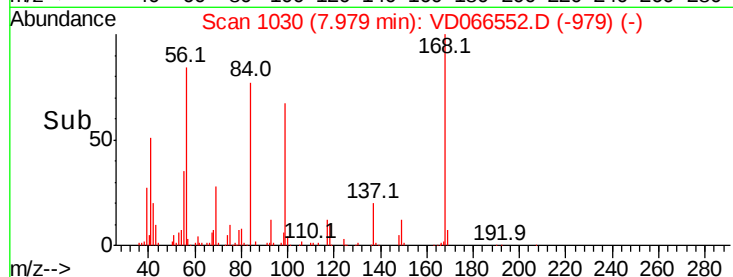
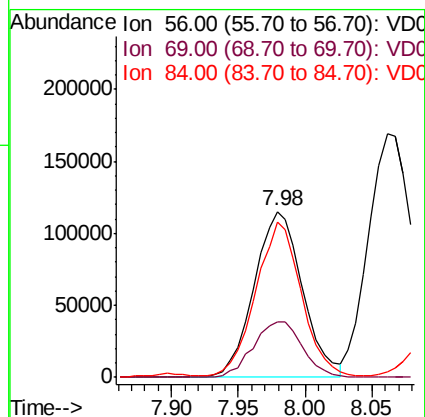
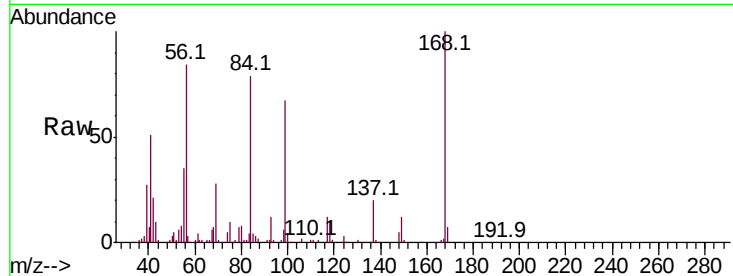




#31  
Cyclohexane  
Concen: 45.062 ug/l  
RT: 7.98 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

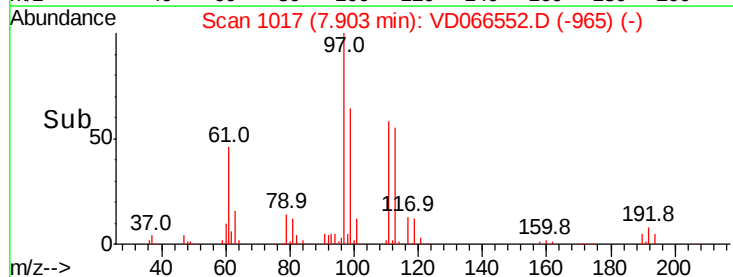
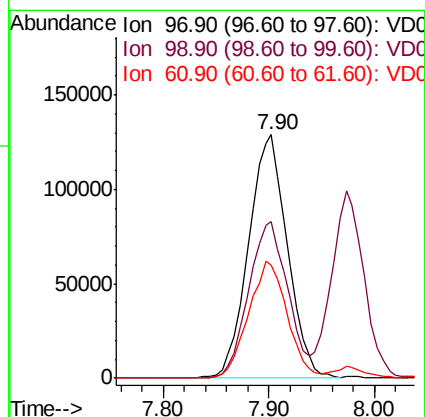
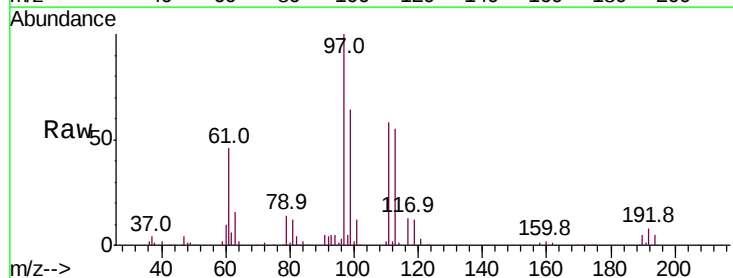
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

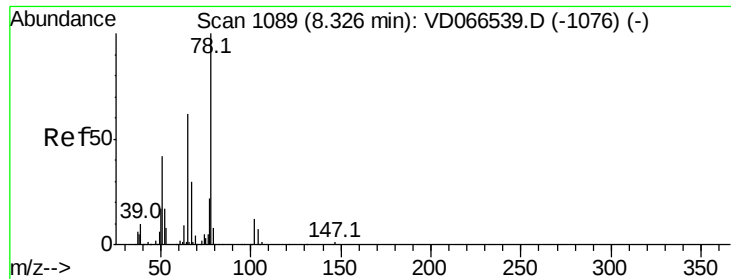
Tot Ion: 56 Resp: 288939  
Ion Ratio Lower Upper  
56 100  
69 33.1 26.3 39.5  
84 92.4 66.1 99.1



#32  
1,1,1-Trichloroethane  
Concen: 47.617 ug/l  
RT: 7.90 min Scan# 1017  
Delta R.T. 0.01 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion: 97 Resp: 328531  
Ion Ratio Lower Upper  
97 100  
99 65.1 51.4 77.0  
61 47.7 37.4 56.0

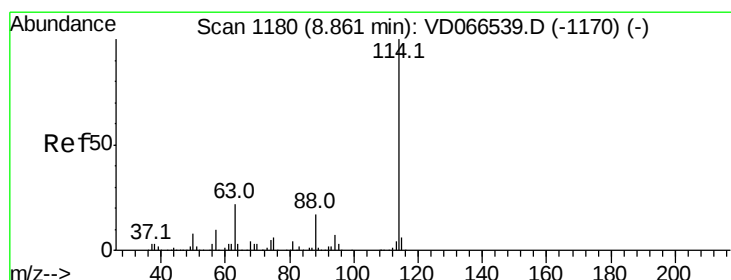
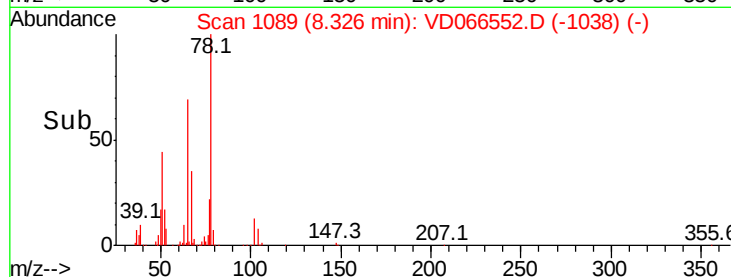
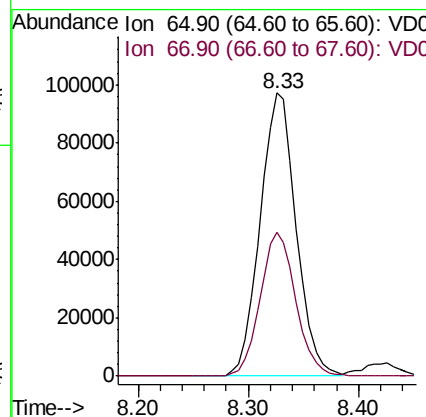
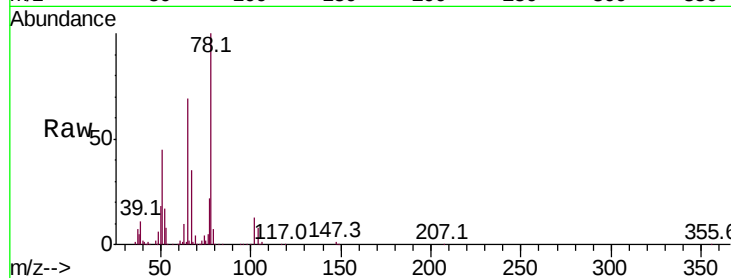




#33  
 1,2-Dichloroethane-d4  
 Concen: 56.365 ug/l  
 RT: 8.33 min Scan# 1089  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

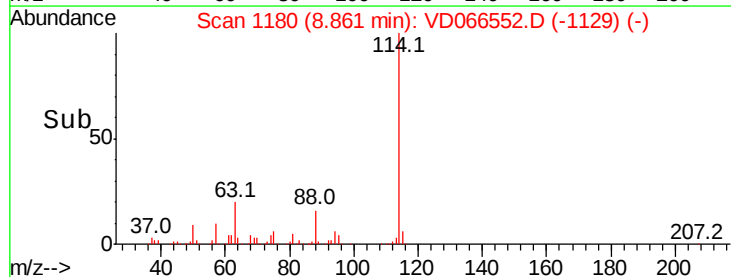
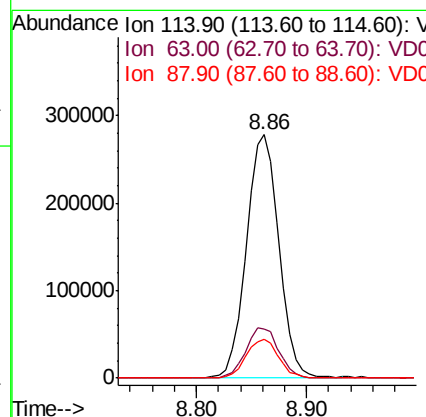
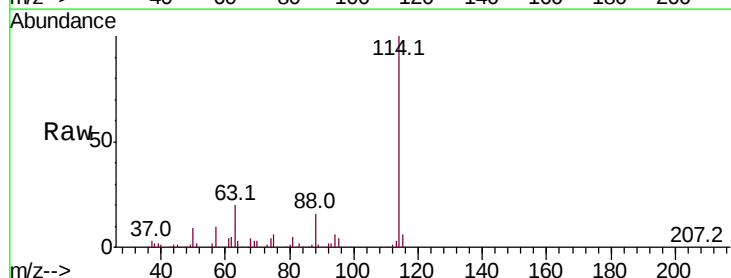
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

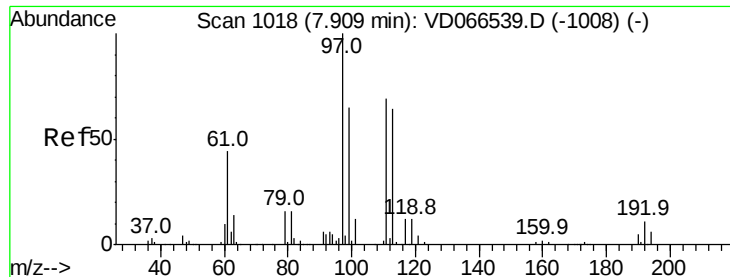
Tot Ion: 65 Resp: 221536  
 Ion Ratio Lower Upper  
 65 100  
 67 50.4 0.0 102.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.86 min Scan# 1180  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

Tgt Ion: 114 Resp: 574831  
 Ion Ratio Lower Upper  
 114 100  
 63 20.3 0.0 43.2  
 88 15.9 0.0 33.2

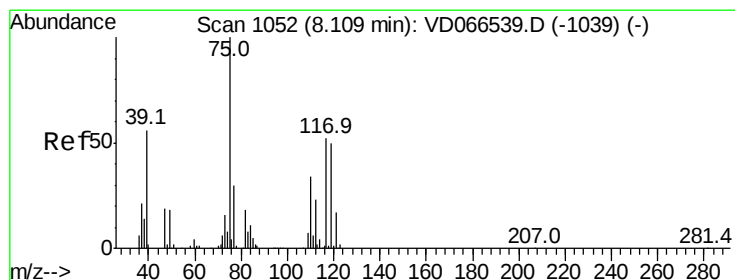
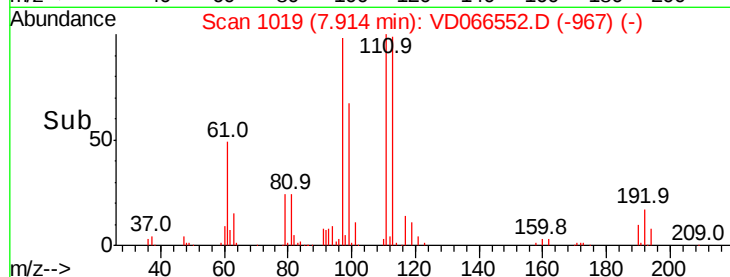
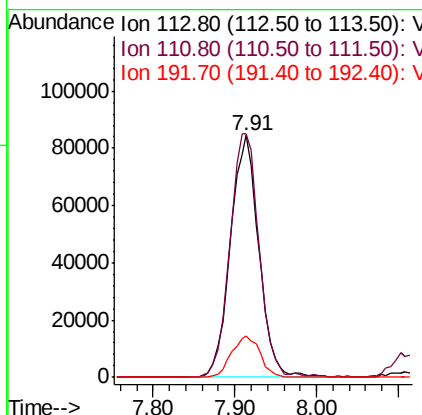
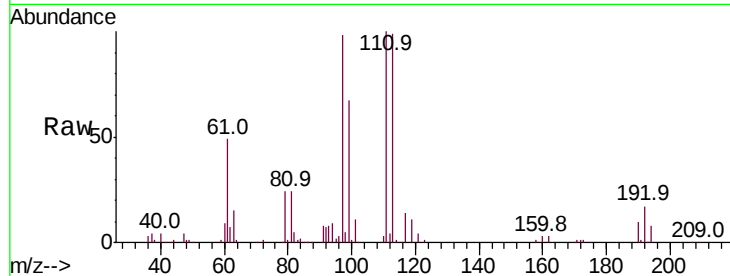




#35  
Dibromofluoromethane  
Concen: 52.514 ug/l  
RT: 7.91 min Scan# 1019  
Delta R.T. 0.01 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

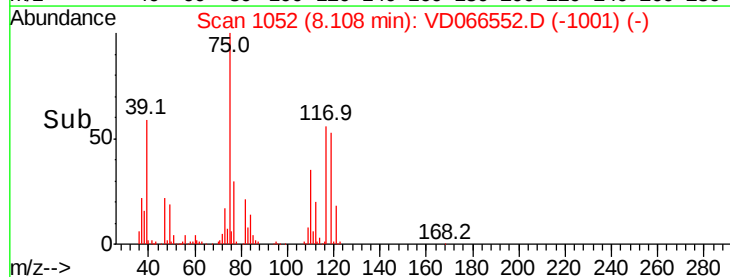
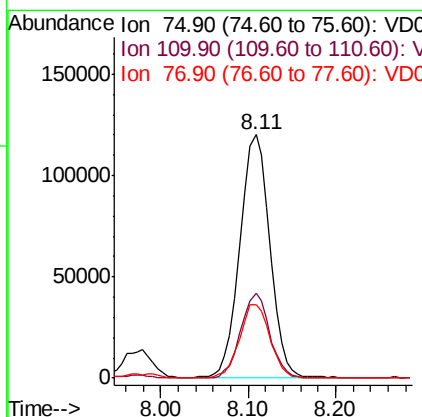
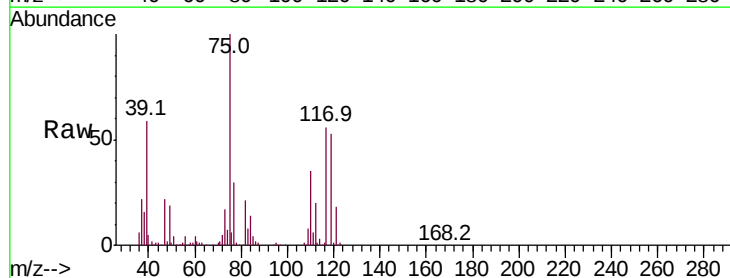
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

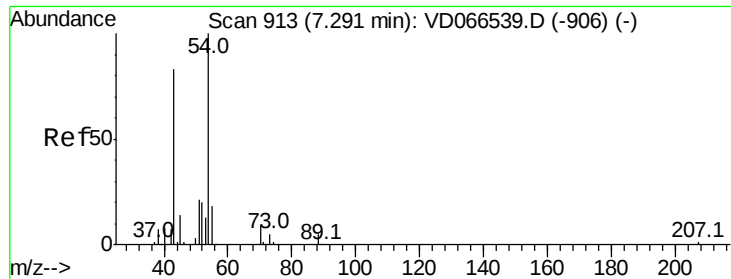
Tot Ion:113 Resp: 203641  
Ion Ratio Lower Upper  
113 100  
111 102.5 83.2 124.8  
192 17.2 13.7 20.5



#36  
1,1-Dichloropropene  
Concen: 46.453 ug/l  
RT: 8.11 min Scan# 1052  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion: 75 Resp: 277894  
Ion Ratio Lower Upper  
75 100  
110 34.0 17.3 52.0  
77 30.8 25.1 37.7

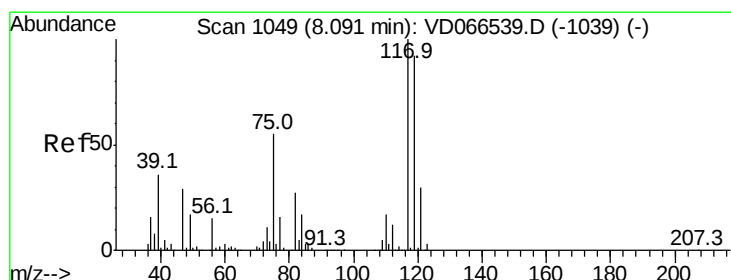
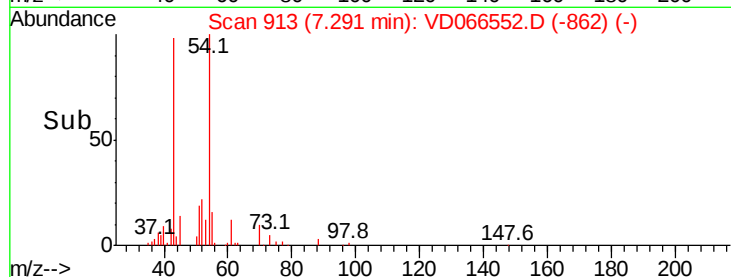
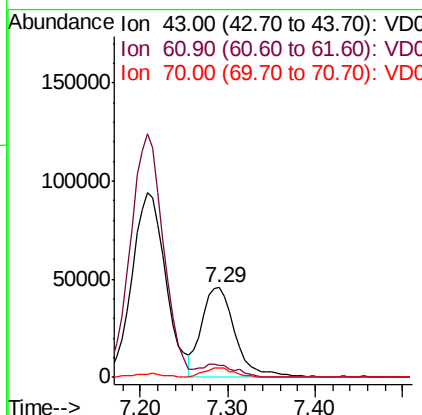
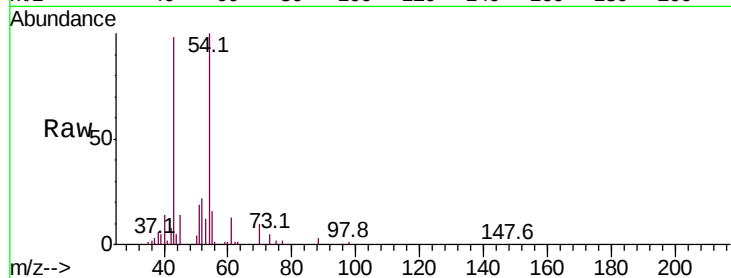




#37  
Ethyl Acetate  
Concen: 50.769 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

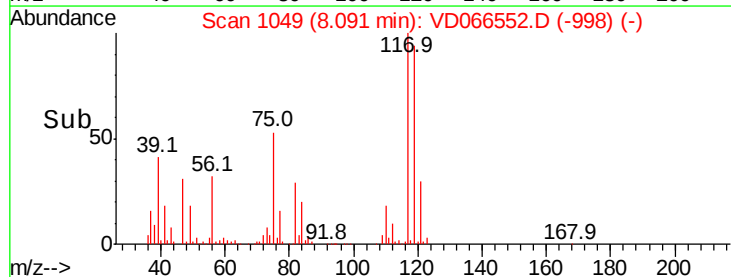
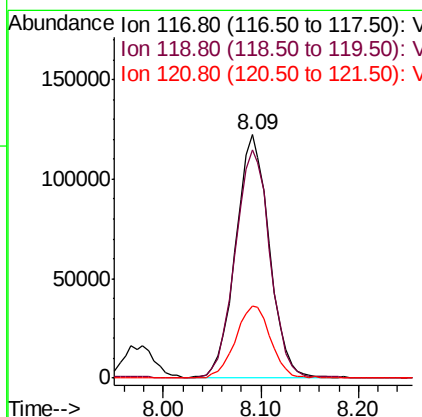
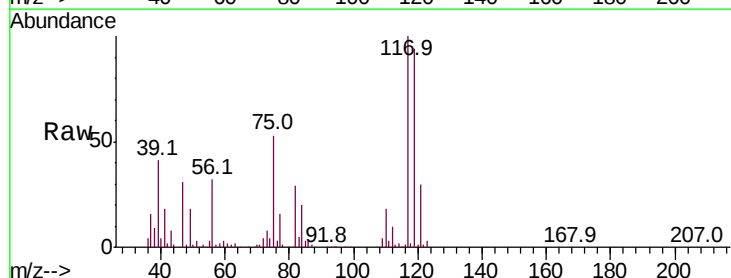
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

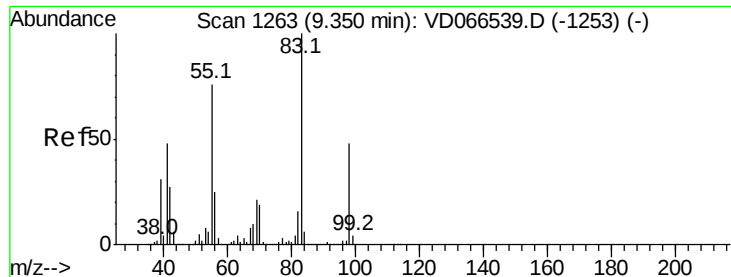
Tot Ion: 43 Resp: 120937  
Ion Ratio Lower Upper  
43 100  
61 15.4 11.8 17.8  
70 9.7 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 46.239 ug/l  
RT: 8.09 min Scan# 1049  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion: 117 Resp: 292378  
Ion Ratio Lower Upper  
117 100  
119 94.2 73.9 110.9  
121 30.0 24.1 36.1

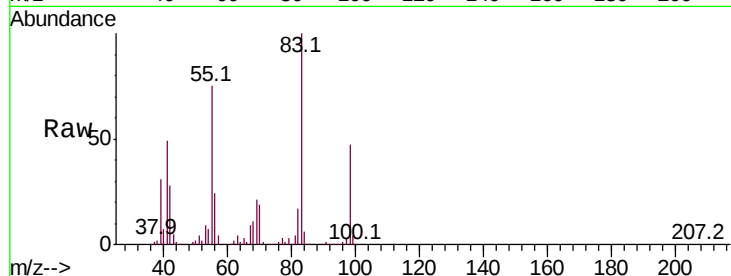




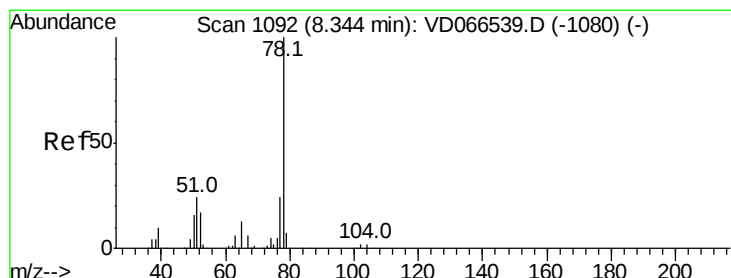
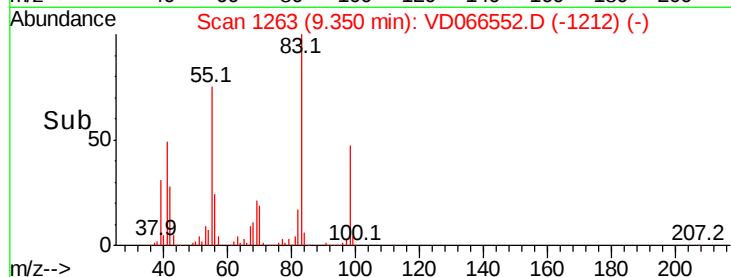
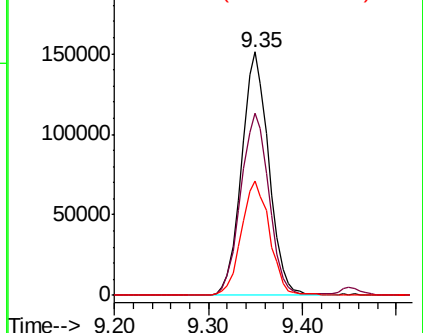
#39  
Methvlcvclohexane  
Concen: 45.378 ug/l  
RT: 9.35 min Scan# 1263  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 83 Resp: 303126  
Ion Ratio Lower Upper  
83 100  
55 74.9 60.8 91.2  
98 47.1 38.6 58.0

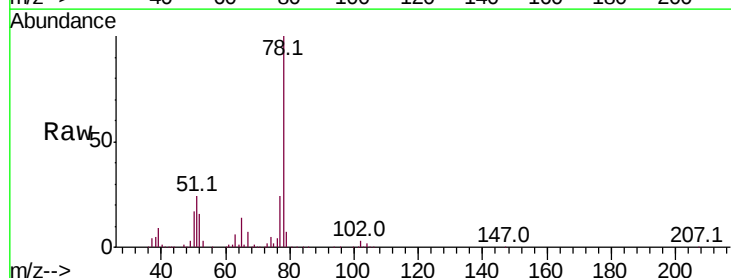


Abundance Ion 83.00 (82.70 to 83.70): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.00 (97.70 to 98.70): VDC

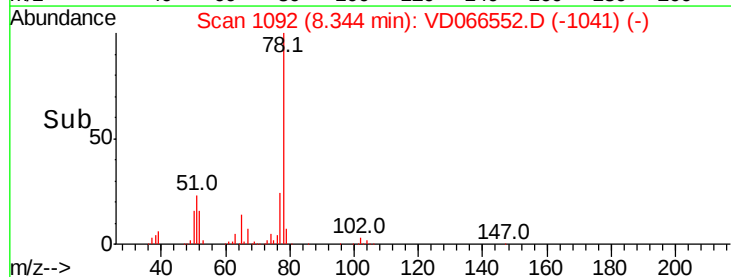
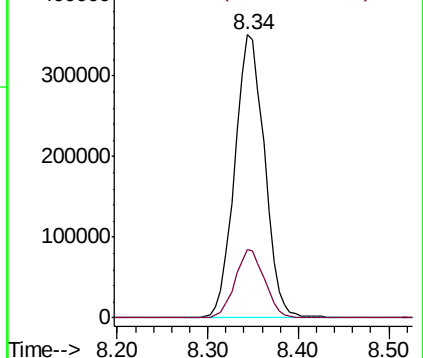


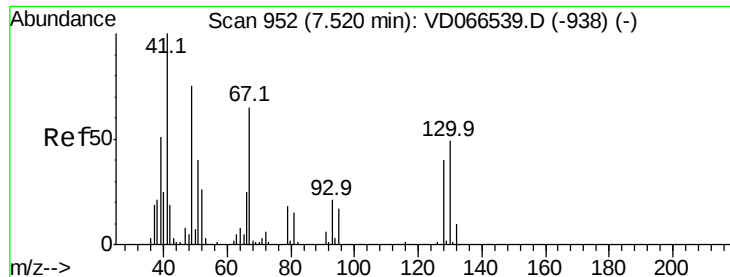
#40  
Benzene  
Concen: 49.133 ug/l  
RT: 8.34 min Scan# 1092  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion: 78 Resp: 805006  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.1 28.7



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

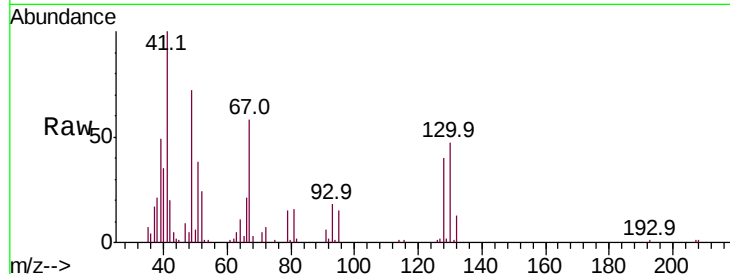




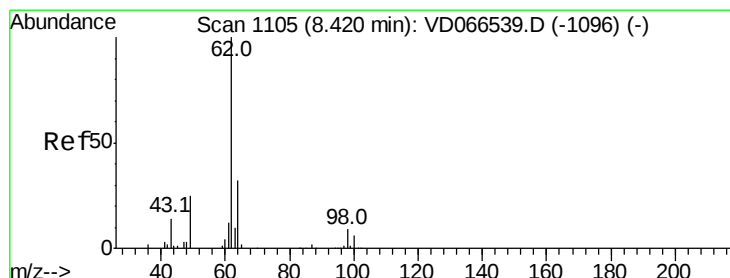
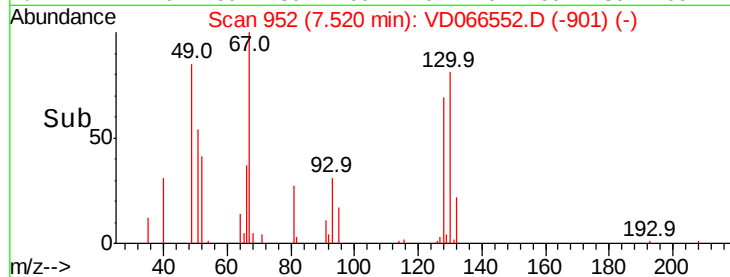
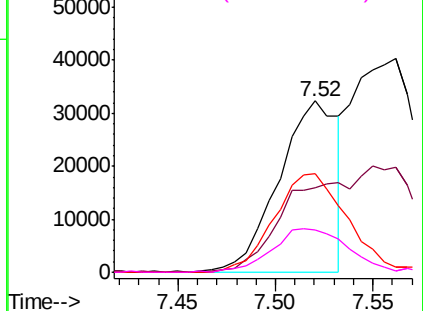
#41  
Methacrylonitrile  
Concen: 59.095 ug/l  
RT: 7.52 min Scan# 952  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 41 Resp: 68142  
Ion Ratio Lower Upper  
41 100  
39 0.0 53.6 80.4#  
67 70.9 59.2 88.8  
52 32.7 26.8 40.2

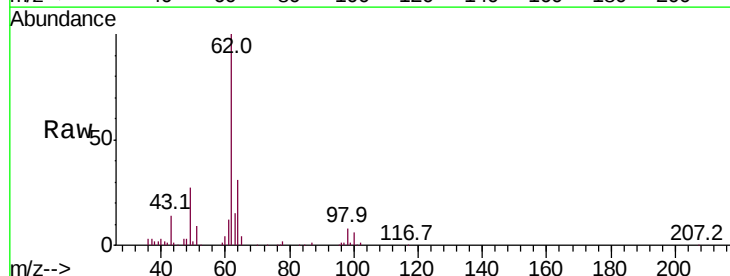


Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

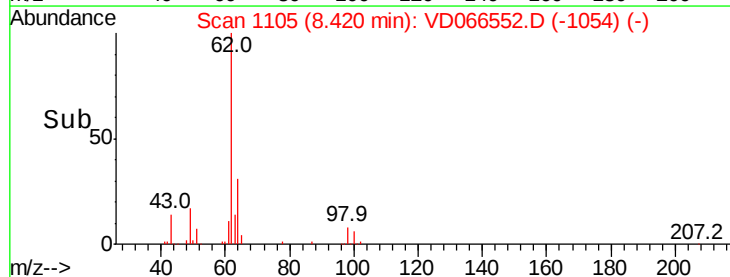
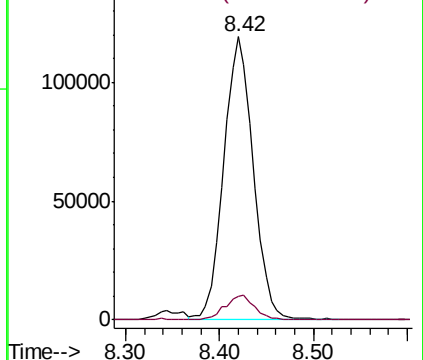


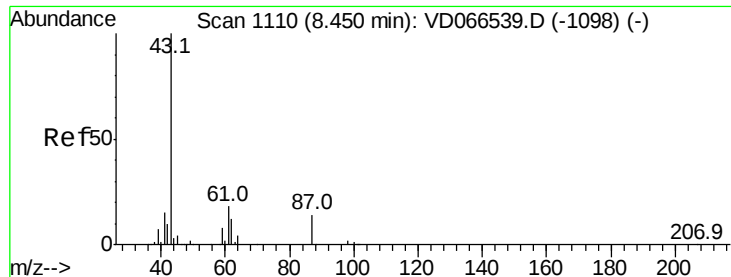
#42  
1,2-Dichloroethane  
Concen: 48.762 ug/l  
RT: 8.42 min Scan# 1105  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion: 62 Resp: 258852  
Ion Ratio Lower Upper  
62 100  
98 8.7 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 51.407 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

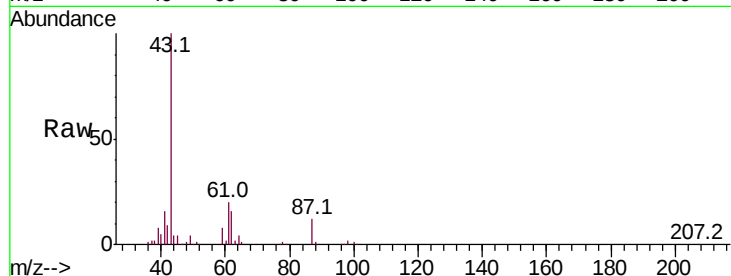
Tot Ion: 43 Resp: 234677

Ion Ratio Lower Upper

43 100

61 30.1 23.8 35.8

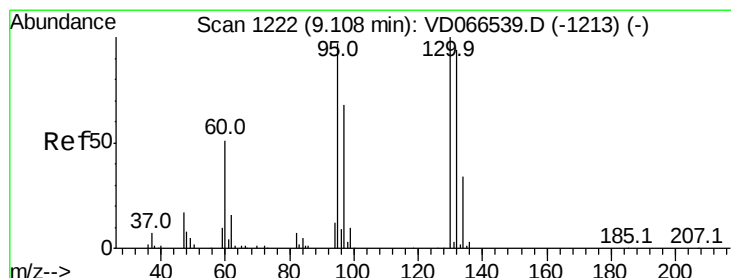
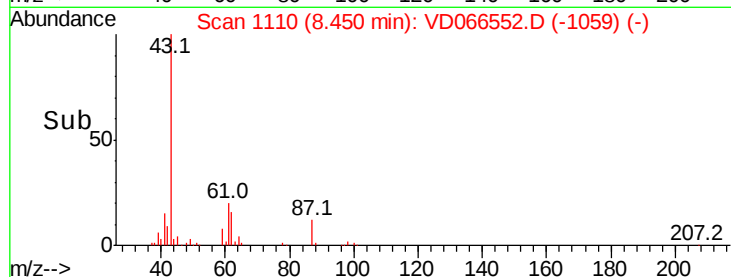
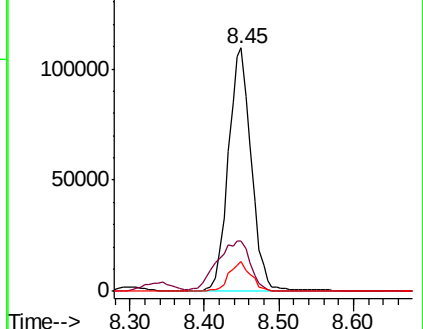
87 11.5 10.7 16.1



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: 48.680 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066552.D

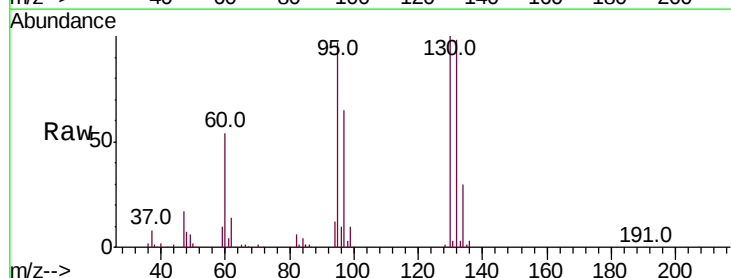
Acq: 03 Sep 2020 23:40

Tgt Ion:130 Resp: 209212

Ion Ratio Lower Upper

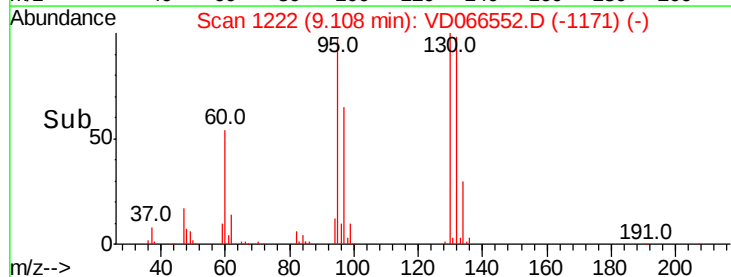
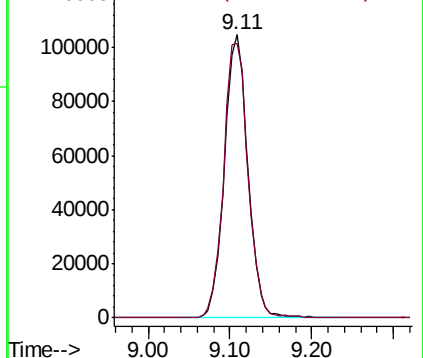
130 100

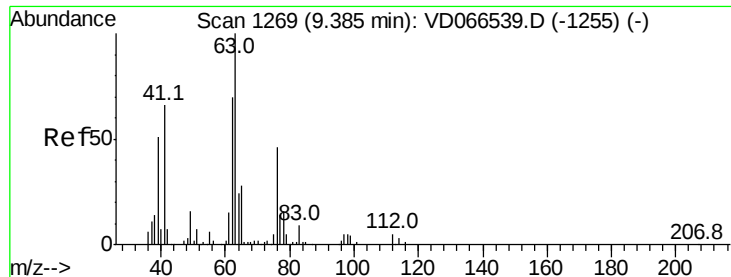
95 96.9 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

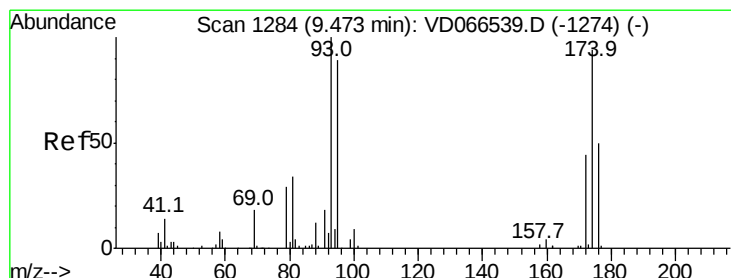
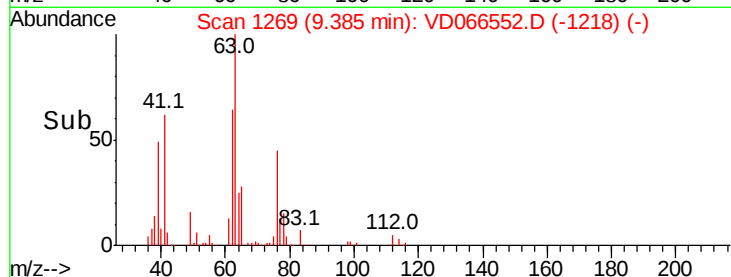
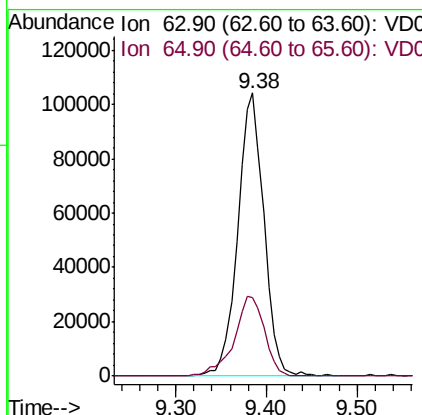
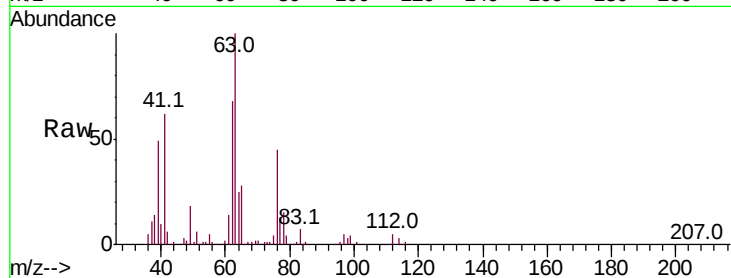




#45  
 1,2-Dichloropropane  
 Concen: 50.752 ug/l  
 RT: 9.38 min Scan# 1269  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

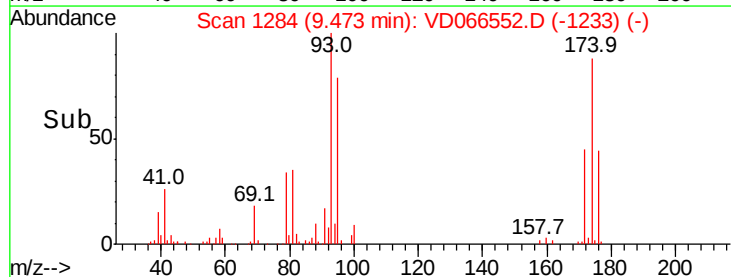
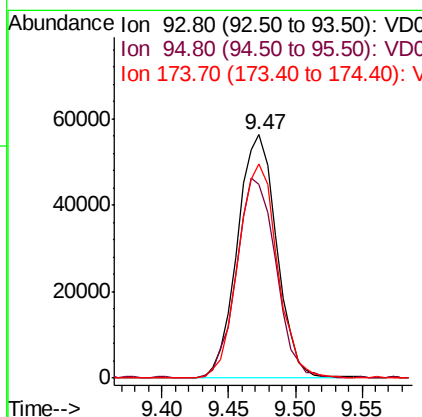
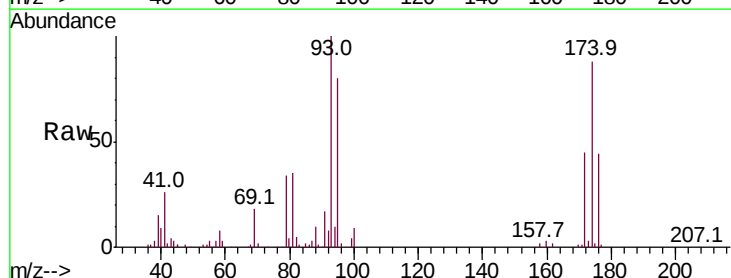
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

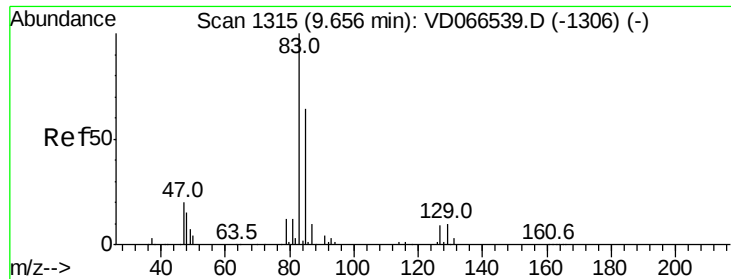
Tot Ion: 63 Resp: 209114  
 Ion Ratio Lower Upper  
 63 100  
 65 28.0 22.6 34.0



#46  
 Dibromomethane  
 Concen: 50.539 ug/l  
 RT: 9.47 min Scan# 1284  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

Tgt Ion: 93 Resp: 114885  
 Ion Ratio Lower Upper  
 93 100  
 95 82.6 68.7 103.1  
 174 87.5 70.0 105.0

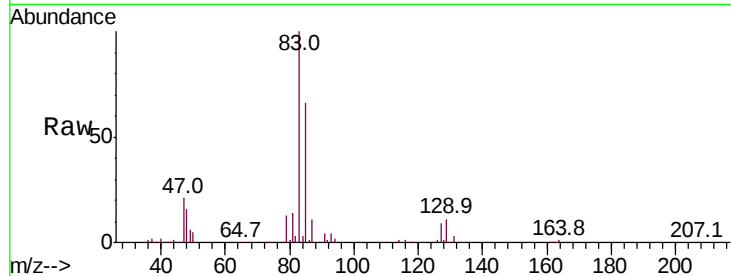




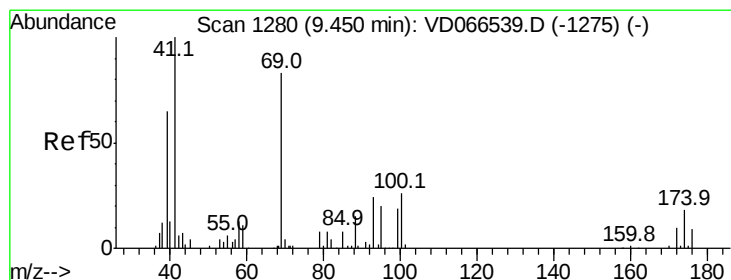
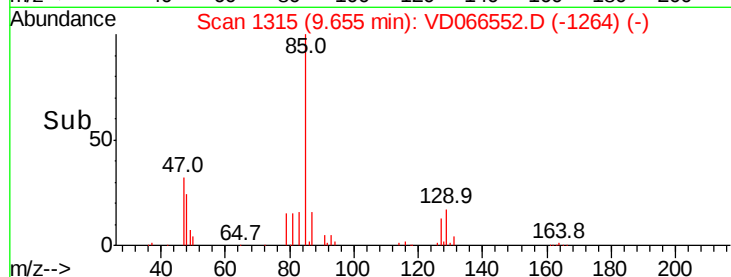
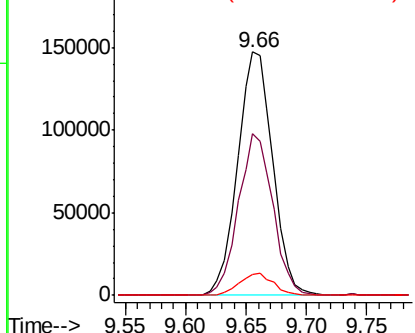
#47  
Bromodichloromethane  
Concen: 48.579 ug/l  
RT: 9.66 min Scan# 1315  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 83 Resp: 298771  
Ion Ratio Lower Upper  
83 100  
85 66.3 51.1 76.7  
127 8.6 6.9 10.3

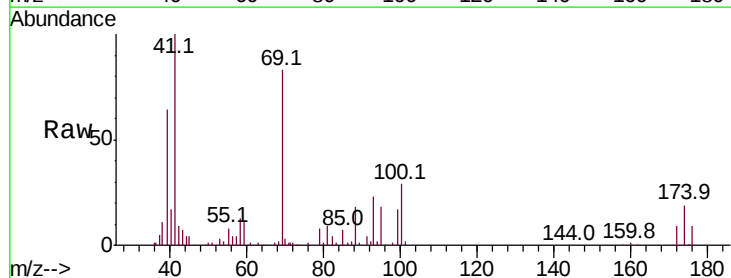


Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 84.90 (84.60 to 85.60): VDC  
Ion 126.80 (126.50 to 127.50): VDC

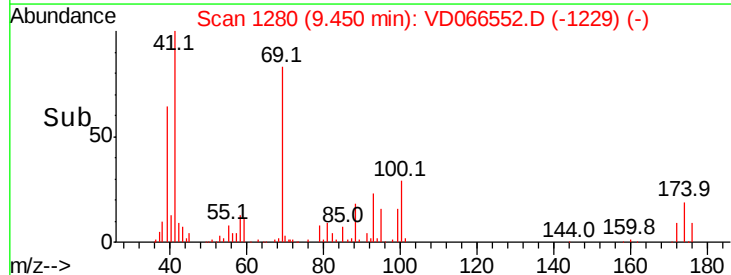
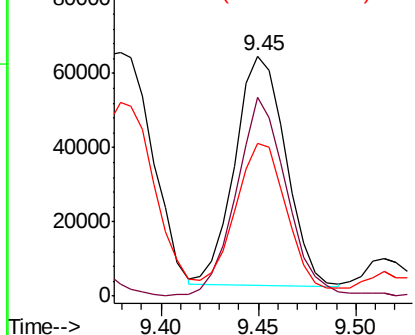


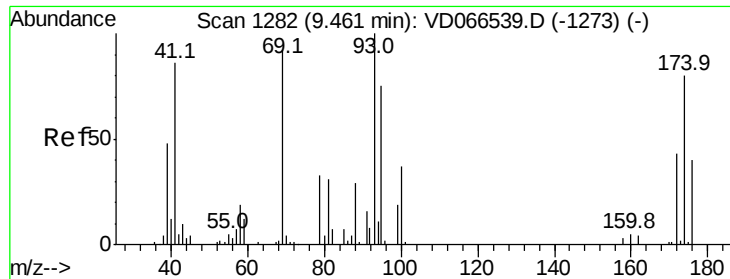
#48  
Methyl methacrylate  
Concen: 48.215 ug/l  
RT: 9.45 min Scan# 1280  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion: 41 Resp: 111296  
Ion Ratio Lower Upper  
41 100  
69 85.2 64.5 96.7  
39 62.0 46.6 69.8



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: 995.916 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

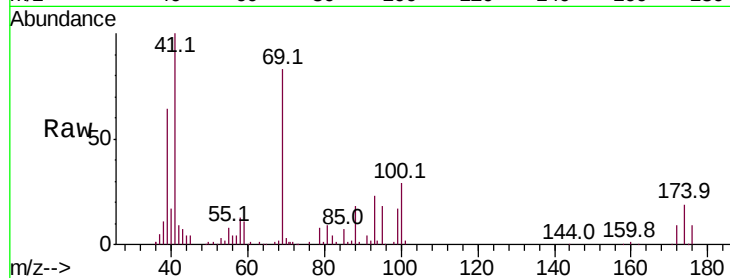
Tot Ion: 88 Resp: 24837

Ion Ratio Lower Upper

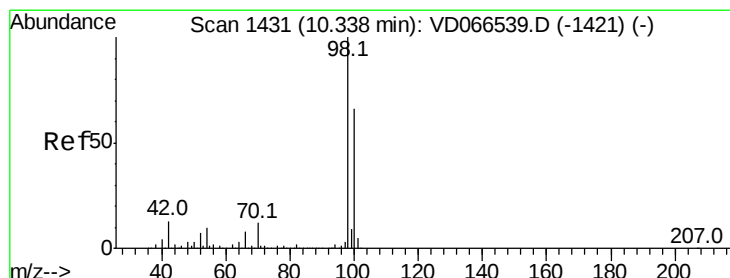
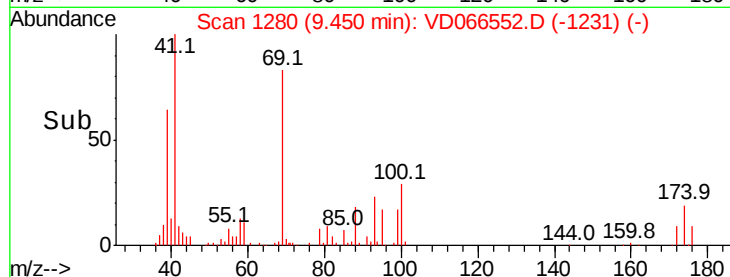
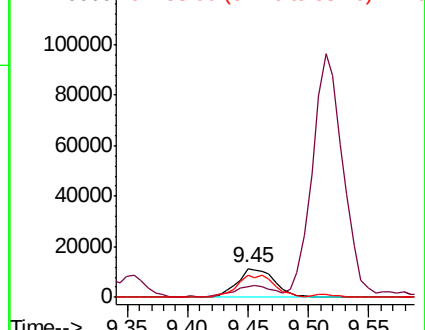
88 100

43 39.5 28.3 42.5

58 76.4 56.1 84.1



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



#50

Toluene-d8

Concen: 55.045 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066552.D

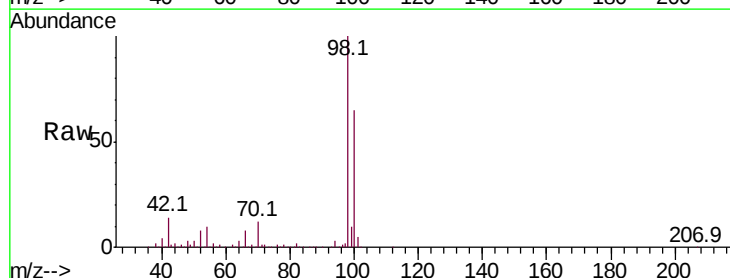
Acq: 03 Sep 2020 23:40

Tgt Ion: 98 Resp: 762922

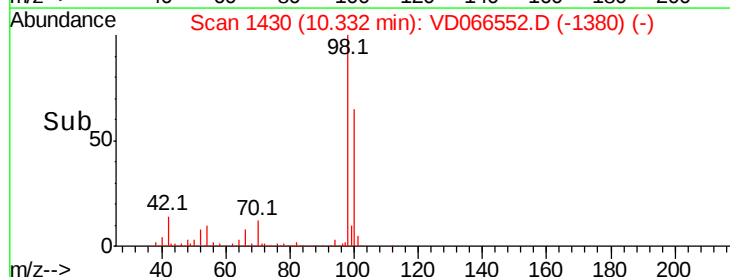
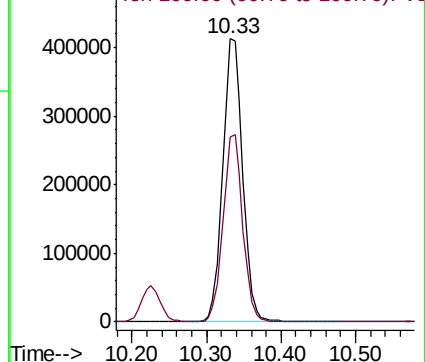
Ion Ratio Lower Upper

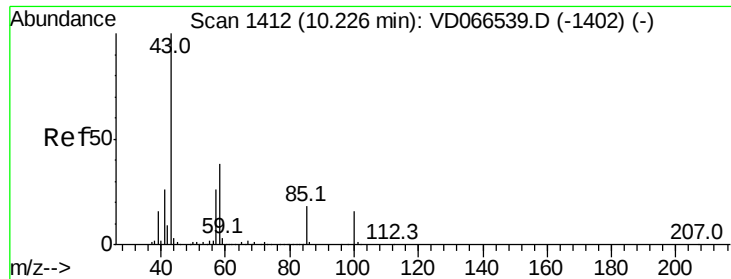
98 100

100 65.9 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 265.371 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

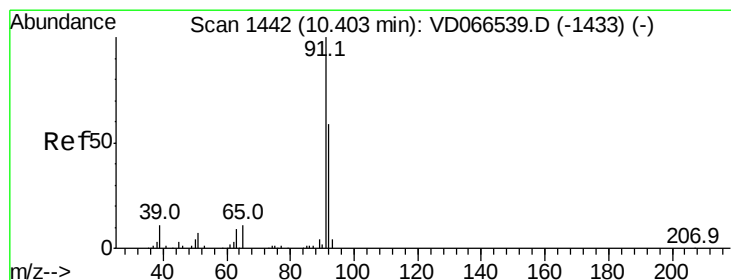
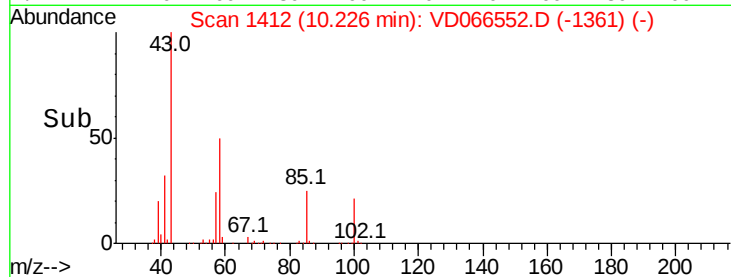
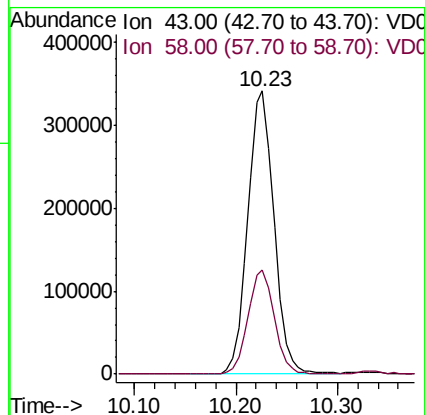
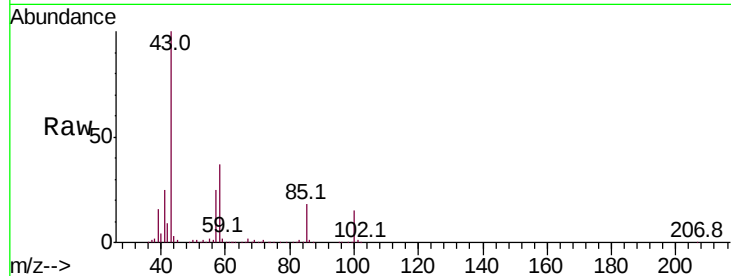
VSTDCCC050EC

Tot Ion: 43 Resp: 610958

Ion Ratio Lower Upper

43 100

58 37.0 30.5 45.7



#52

Toluene

Concen: 51.246 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066552.D

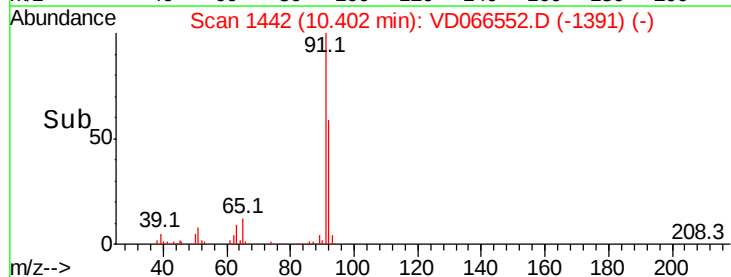
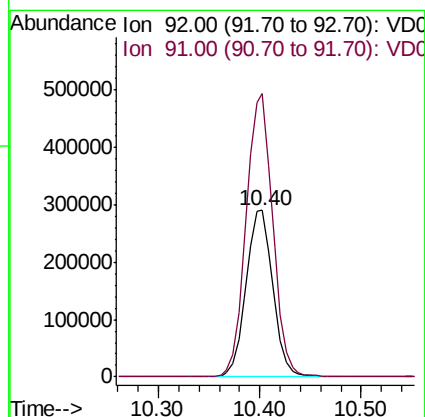
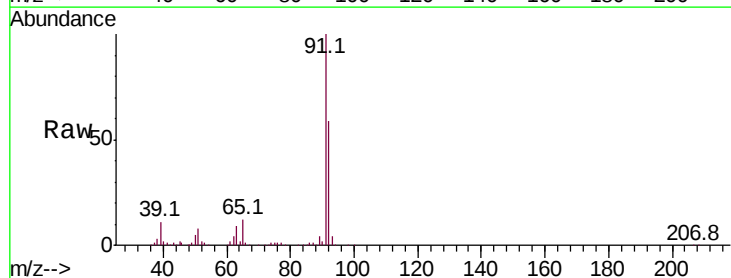
Acq: 03 Sep 2020 23:40

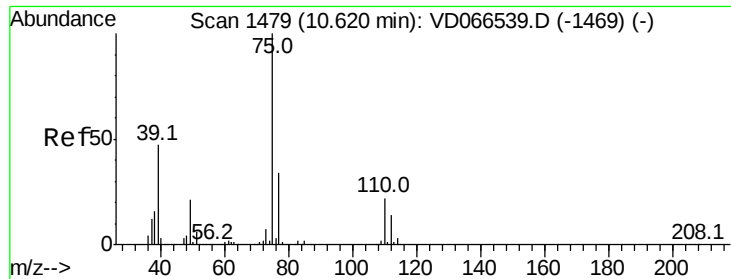
Tgt Ion: 92 Resp: 531486

Ion Ratio Lower Upper

92 100

91 169.4 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 50.855 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

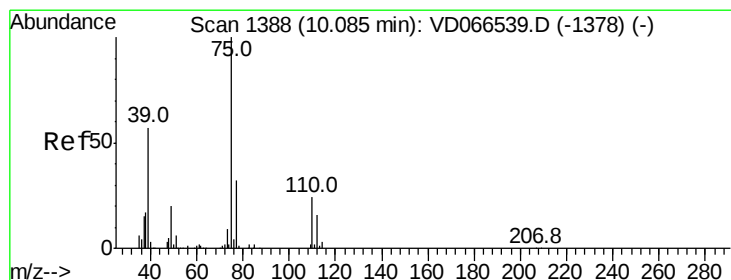
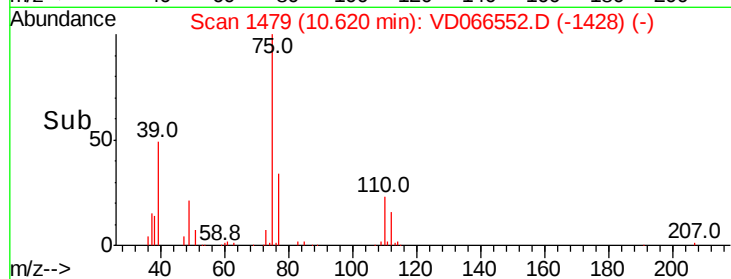
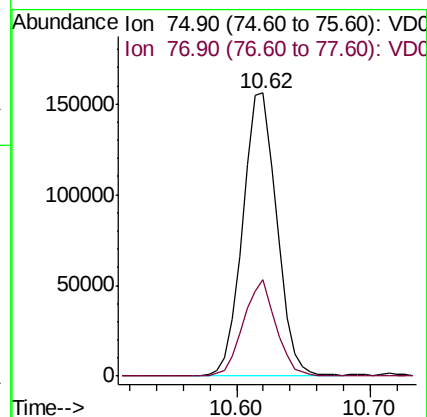
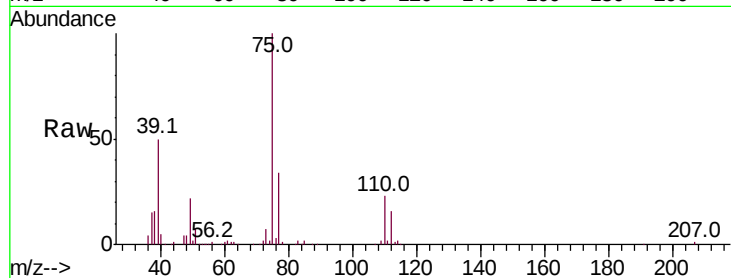
VSTDCCC050EC

Tot Ion: 75 Resp: 276102

Ion Ratio Lower Upper

75 100

77 33.9 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 50.016 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

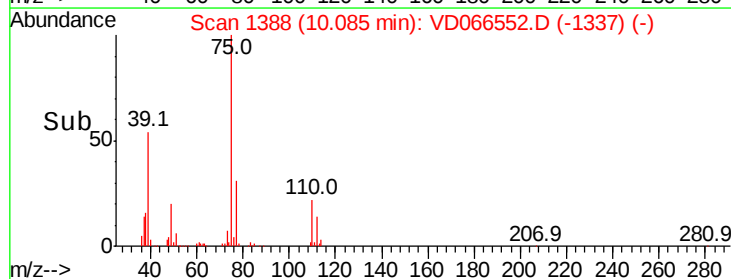
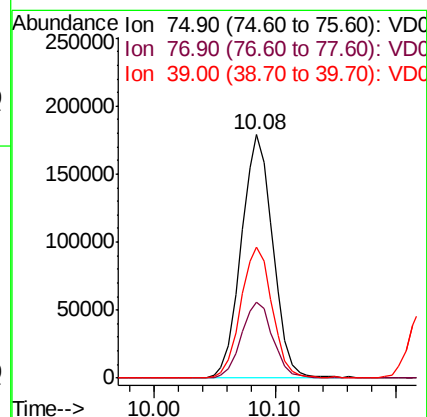
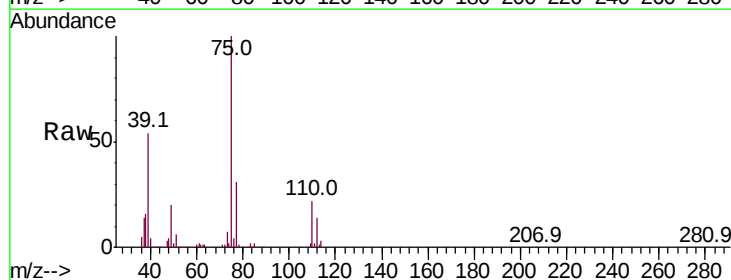
Tgt Ion: 75 Resp: 326100

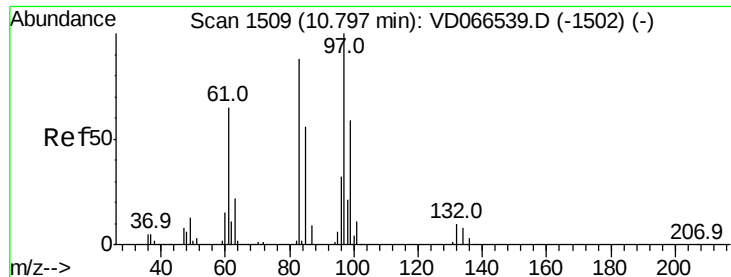
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 54.1 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 51.059 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 149233

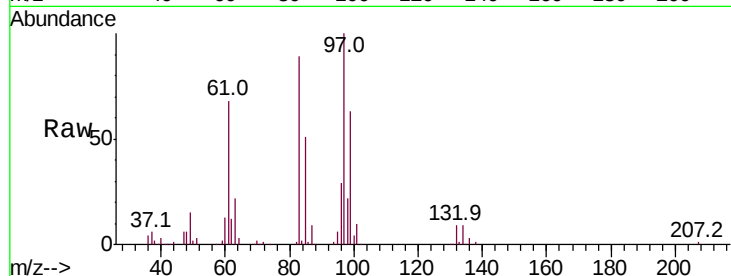
Ion Ratio Lower Upper

97 100

83 88.6 70.1 105.1

85 51.2 44.5 66.7

99 62.7 47.1 70.7

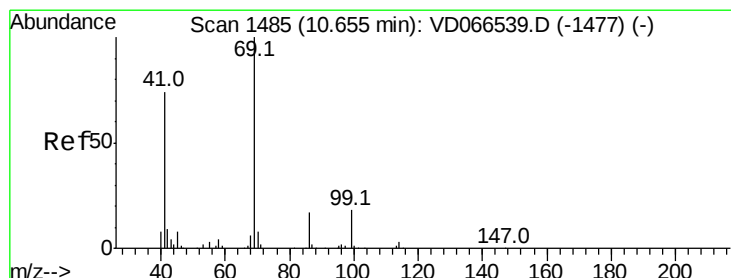
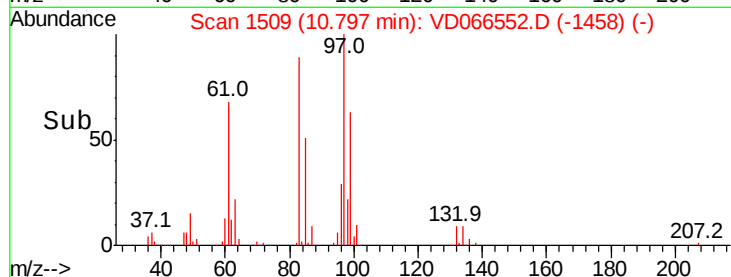
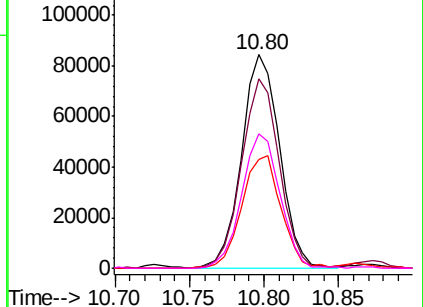


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 54.982 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

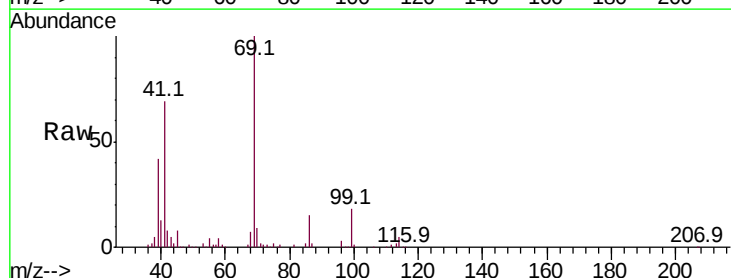
Tgt Ion: 69 Resp: 187110

Ion Ratio Lower Upper

69 100

41 72.0 56.8 85.2

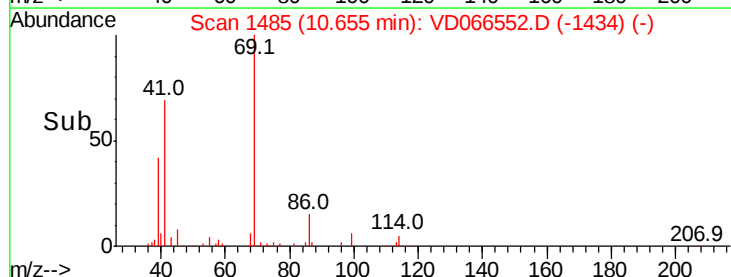
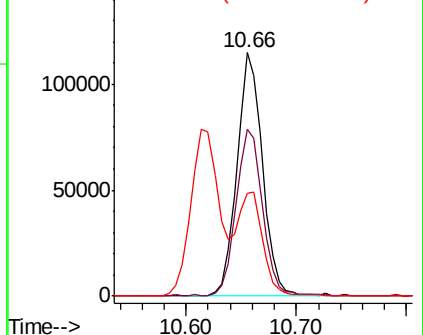
39 43.4 30.6 46.0

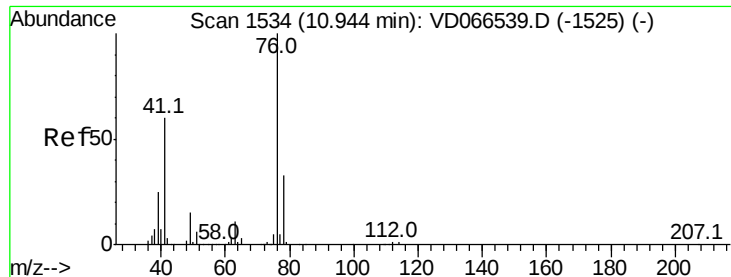


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 52.463 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

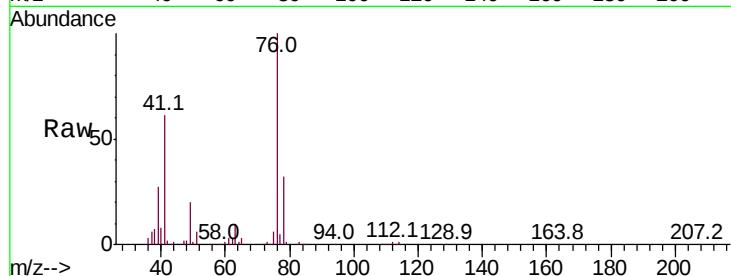
VSTDCCC050EC

Tot Ion: 76 Resp: 268581

Ion Ratio Lower Upper

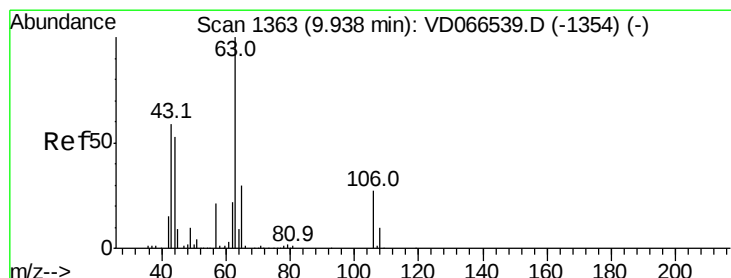
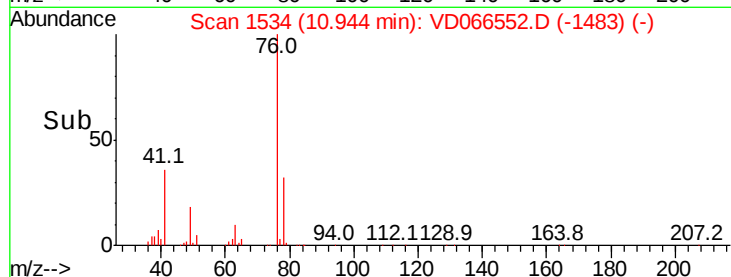
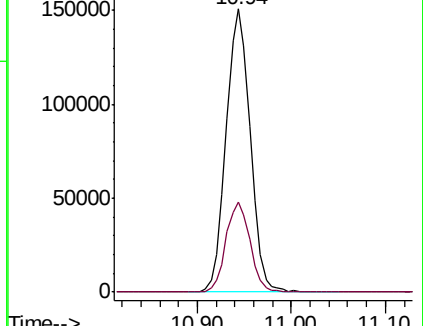
76 100

78 31.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 258.480 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066552.D

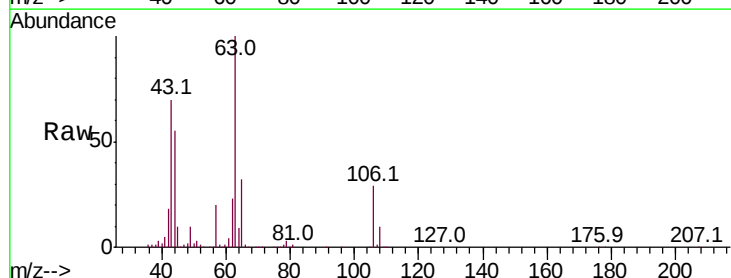
Acq: 03 Sep 2020 23:40

Tgt Ion: 63 Resp: 402341

Ion Ratio Lower Upper

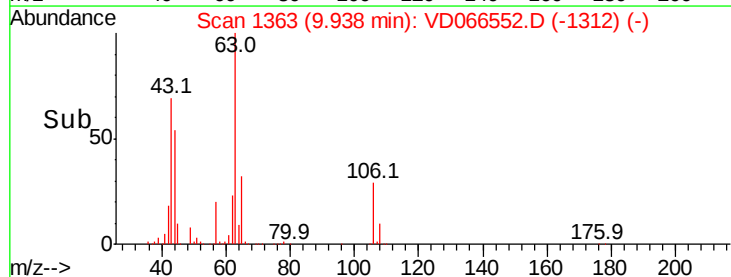
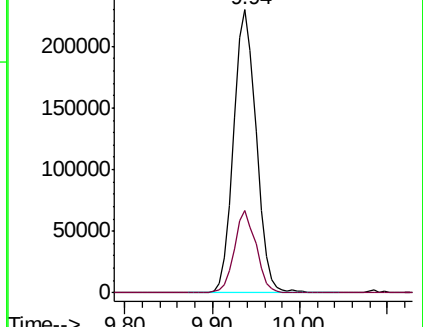
63 100

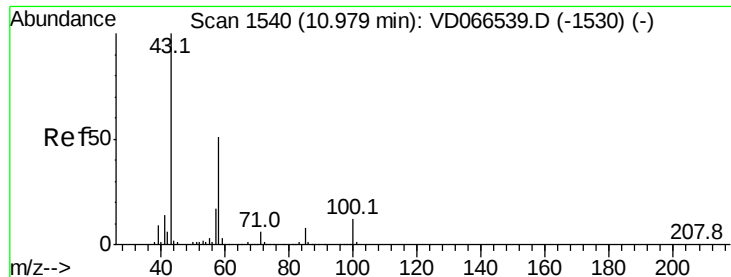
106 28.0 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

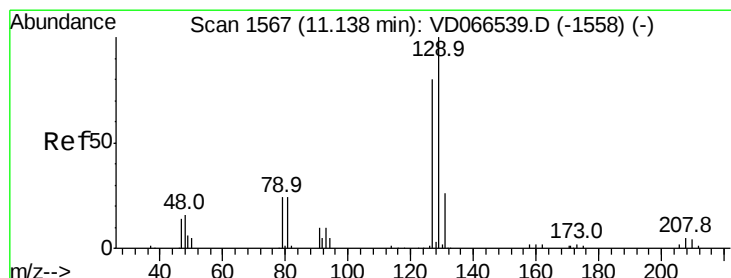
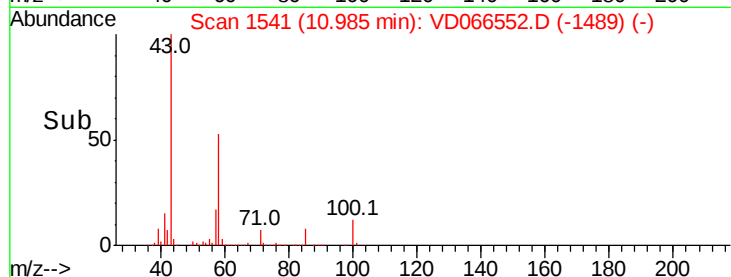
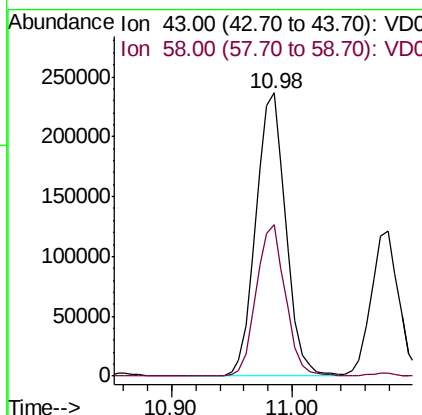
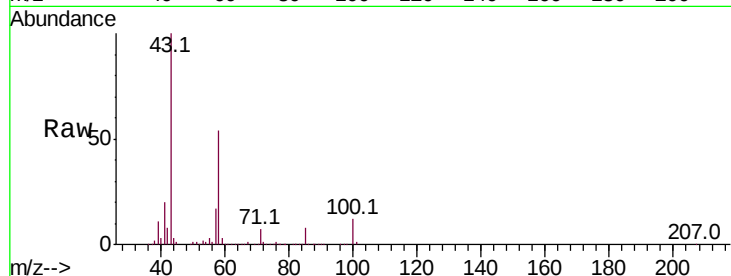




#59  
2-Hexanone  
Concen: 264.644 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. 0.01 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

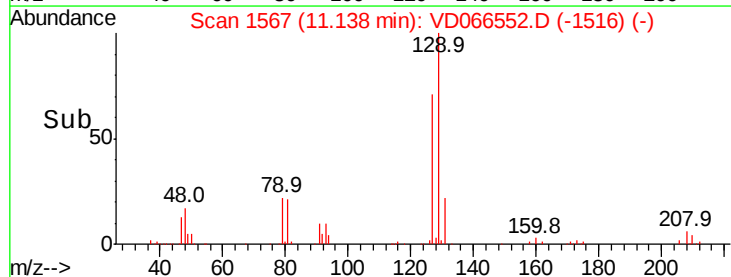
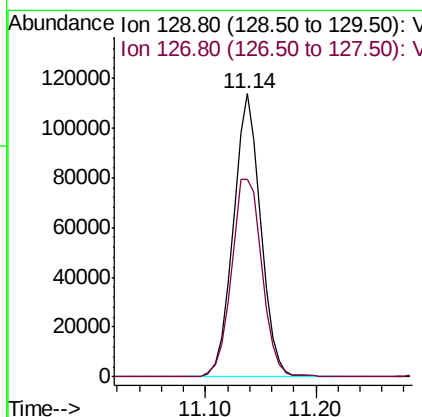
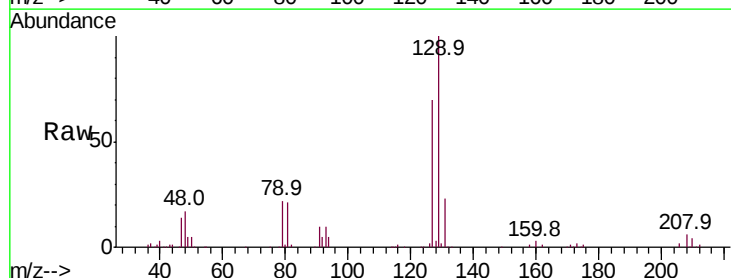
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

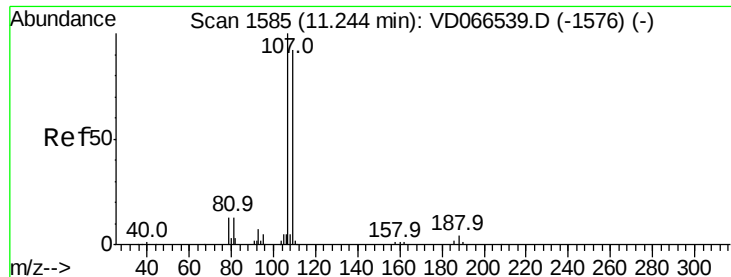
Tot Ion: 43 Resp: 409732  
Ion Ratio Lower Upper  
43 100  
58 52.1 25.6 76.8



#60  
Dibromochloromethane  
Concen: 51.170 ug/l  
RT: 11.14 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion: 129 Resp: 197771  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.5 118.3

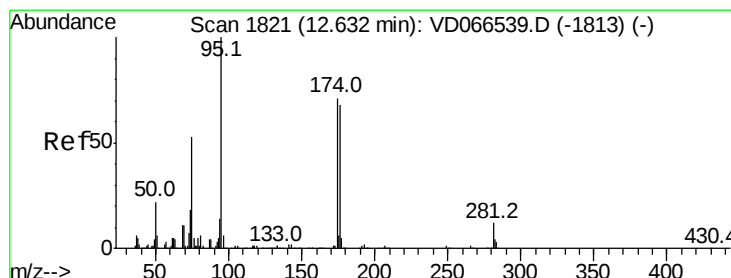
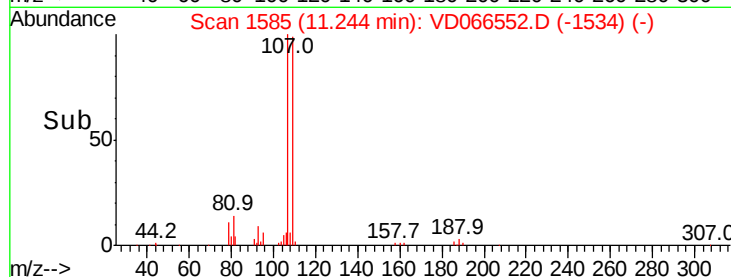
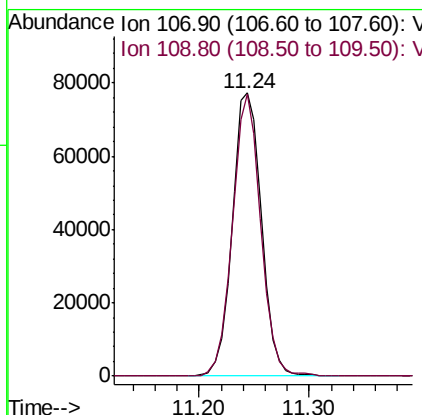
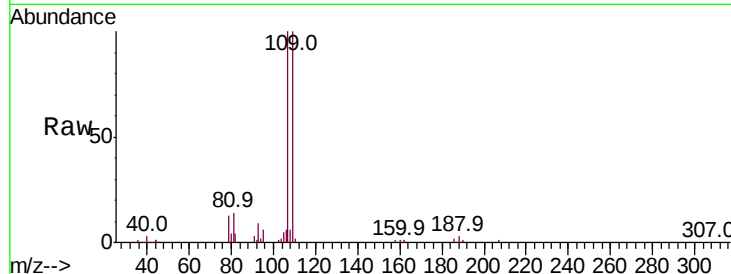




#61  
 1,2-Dibromoethane  
 Concen: 50.304 ug/l  
 RT: 11.24 min Scan# 1585  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

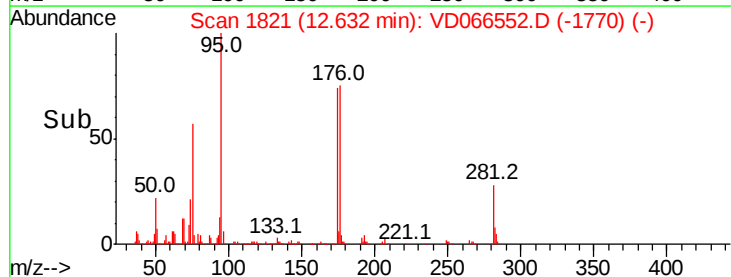
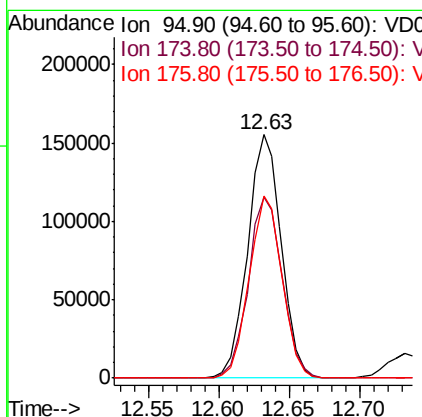
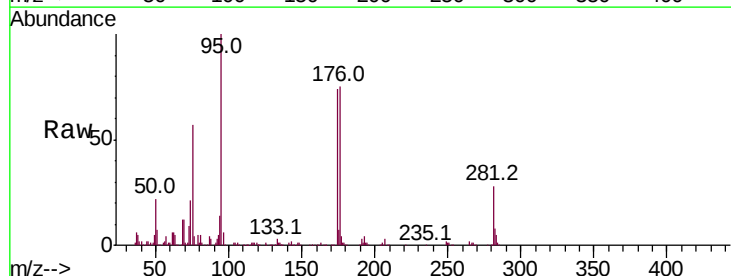
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

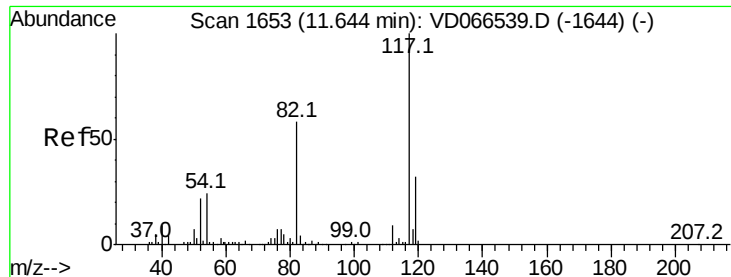
Tot Ion:107 Resp: 143040  
 Ion Ratio Lower Upper  
 107 100  
 109 96.1 74.4 111.6



#62  
 4-Bromofluorobenzene  
 Concen: 56.321 ug/l  
 RT: 12.63 min Scan# 1821  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

Tgt Ion: 95 Resp: 258844  
 Ion Ratio Lower Upper  
 95 100  
 174 75.5 0.0 155.8  
 176 73.4 0.0 148.6

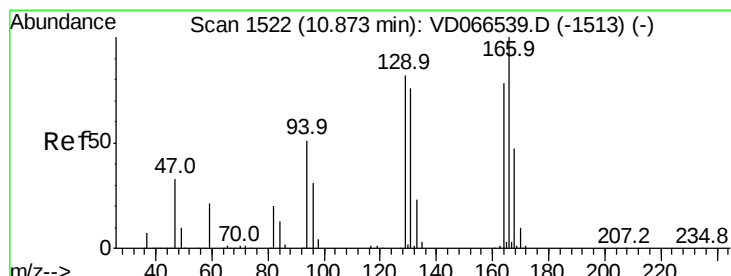
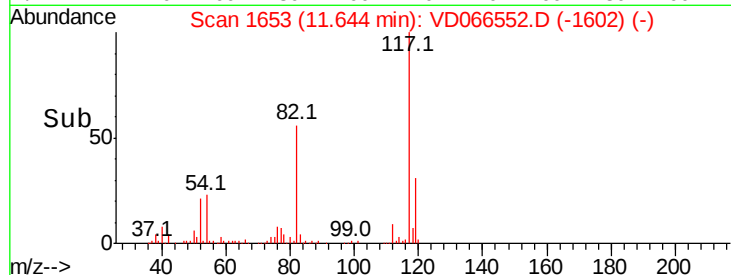
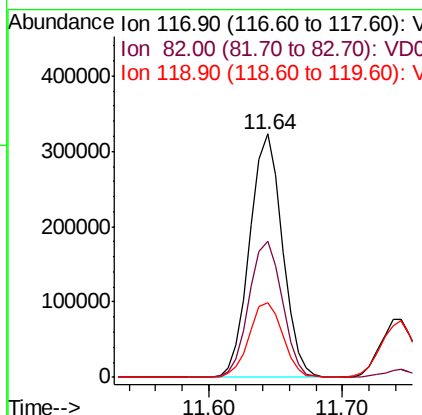
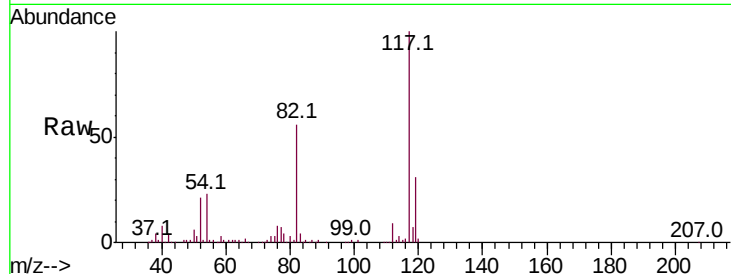




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

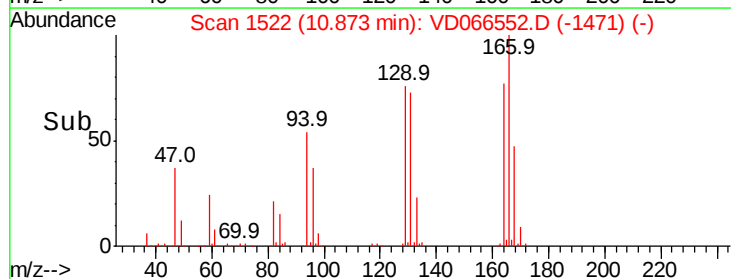
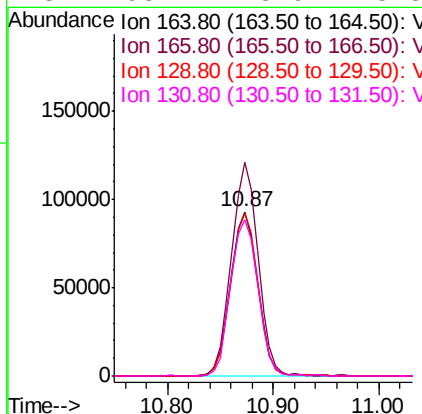
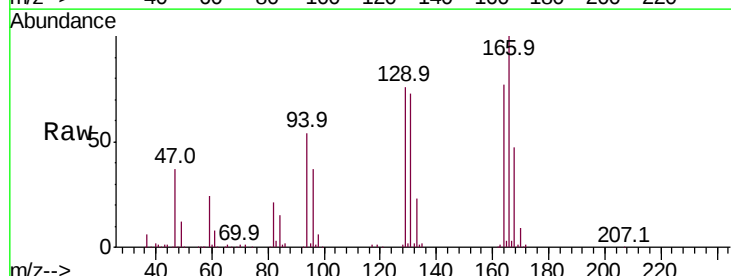
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

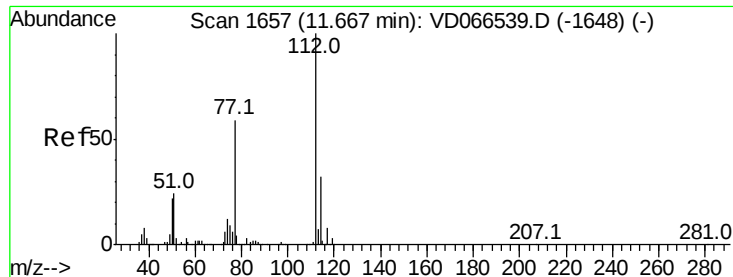
Tot Ion:117 Resp: 546646  
Ion Ratio Lower Upper  
117 100  
82 55.9 46.2 69.2  
119 30.7 25.8 38.8



#64  
Tetrachloroethene  
Concen: 45.090 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion:164 Resp: 165957  
Ion Ratio Lower Upper  
164 100  
166 130.3 103.2 154.8  
129 98.8 84.5 126.7  
131 95.1 78.9 118.3

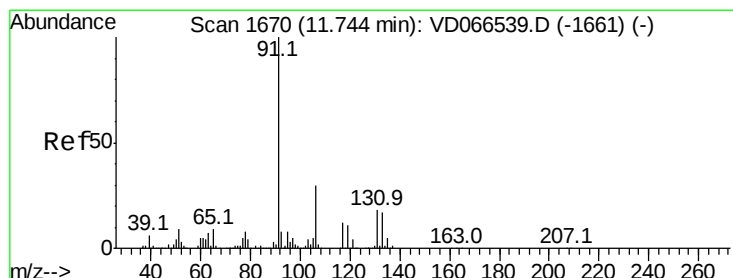
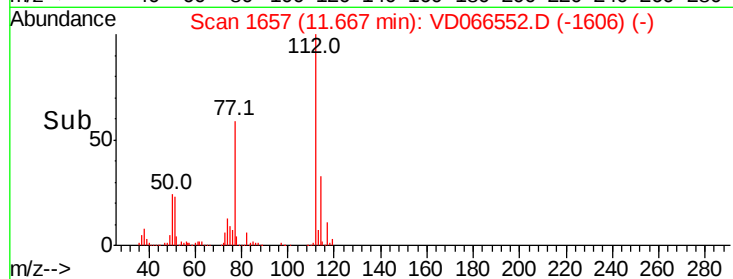
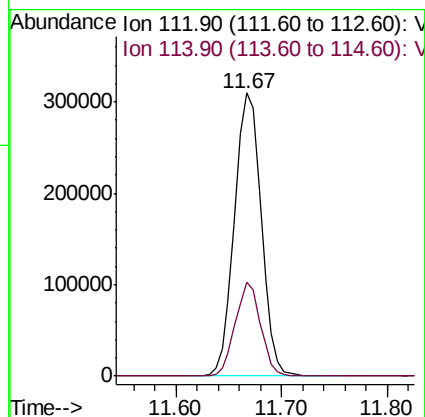
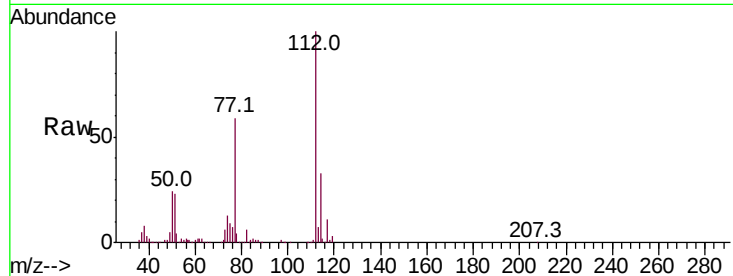




#65  
Chlorobenzene  
Concen: 48.076 ug/l  
RT: 11.67 min Scan# 1657  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

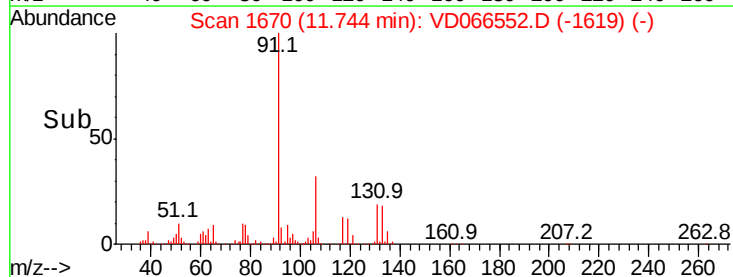
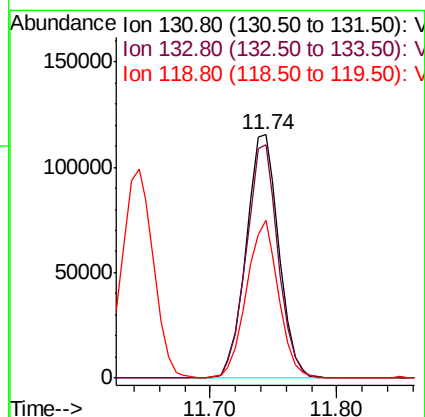
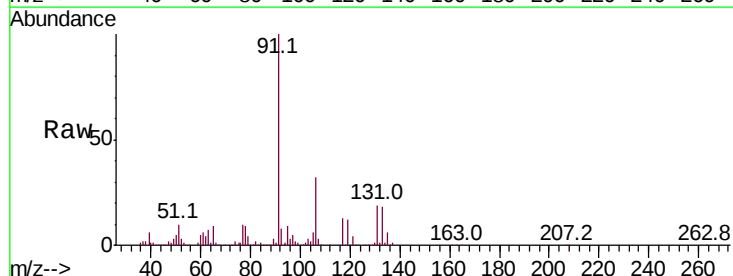
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

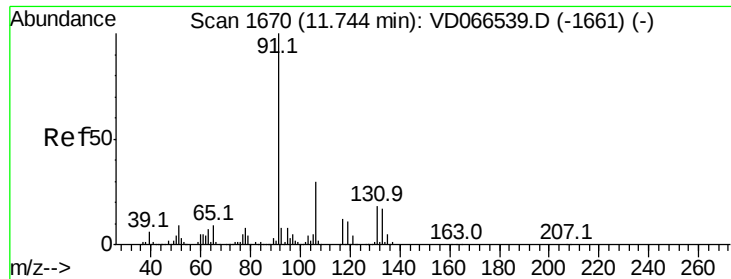
Tot Ion:112 Resp: 542413  
Ion Ratio Lower Upper  
112 100  
114 33.3 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.107 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion:131 Resp: 207144  
Ion Ratio Lower Upper  
131 100  
133 93.9 46.7 140.0  
119 63.5 31.9 95.7

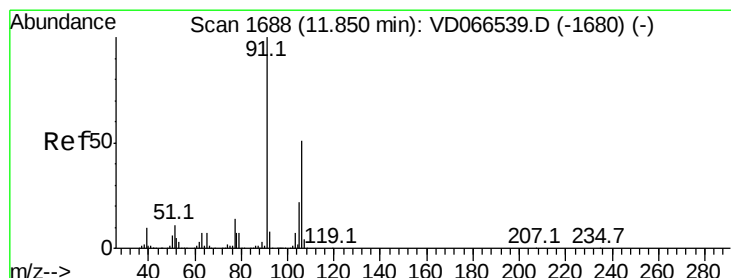
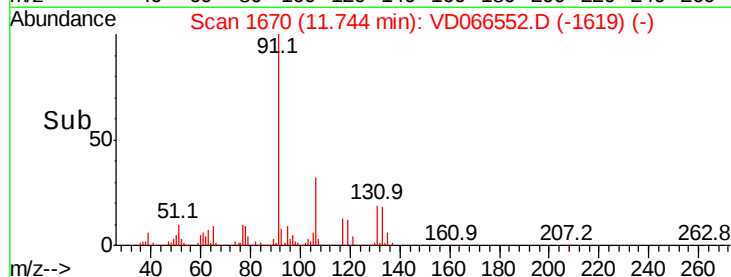
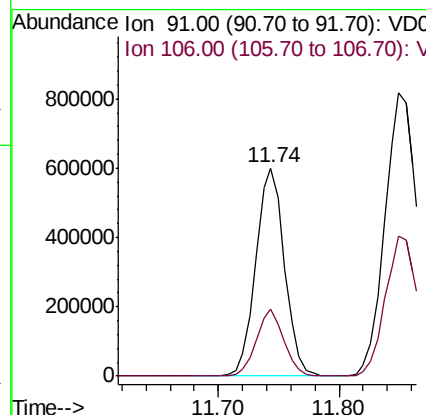
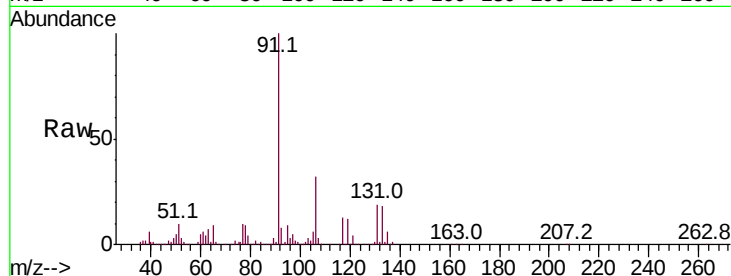




#67  
Ethyl Benzene  
Concen: 47.988 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

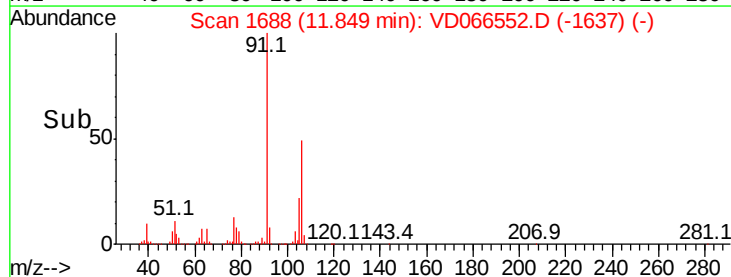
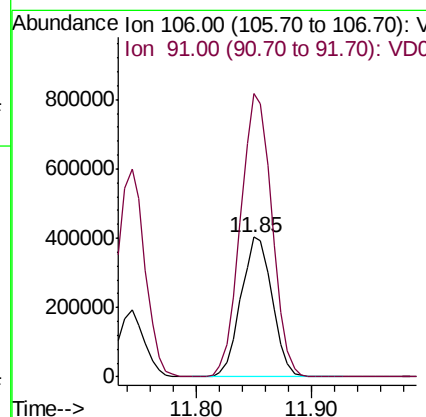
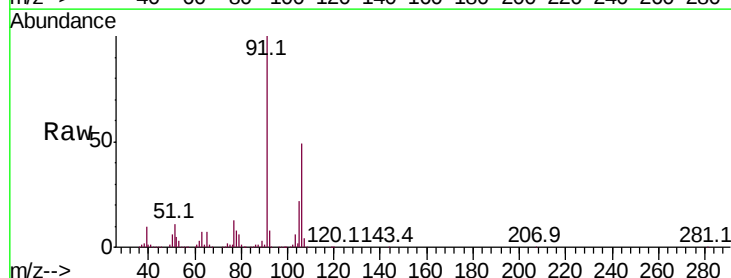
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

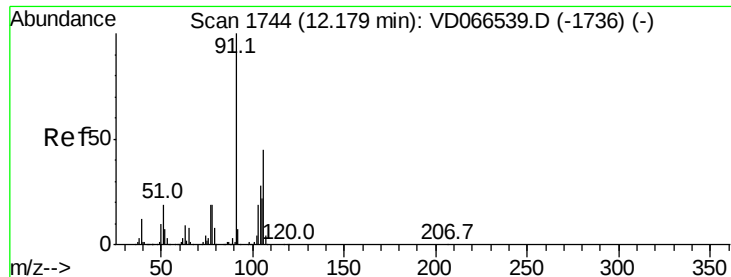
Tot Ion: 91 Resp: 994148  
Ion Ratio Lower Upper  
91 100  
106 32.3 24.3 36.5



#68  
m/p-Xylenes  
Concen: 98.369 ug/l  
RT: 11.85 min Scan# 1688  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion: 106 Resp: 756665  
Ion Ratio Lower Upper  
106 100  
91 203.8 162.4 243.6

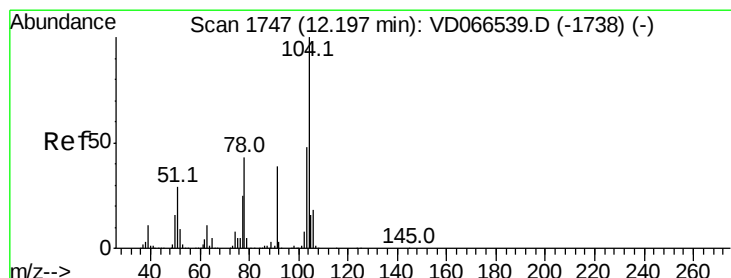
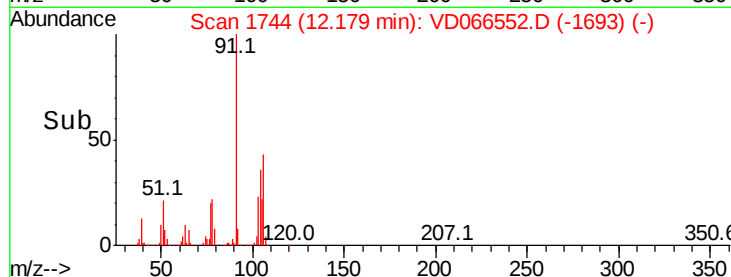
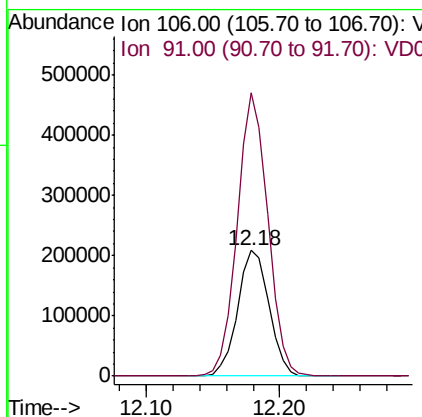
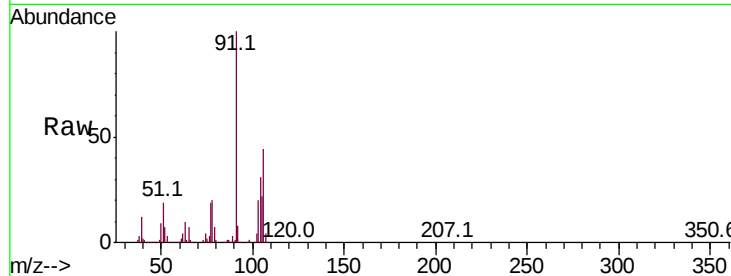




#69  
o-Xylene  
Concen: 49.190 ug/l  
RT: 12.18 min Scan# 1744  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

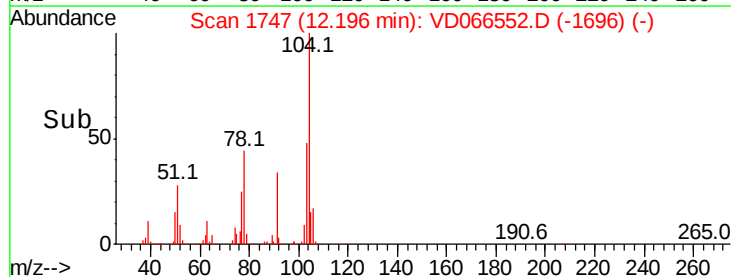
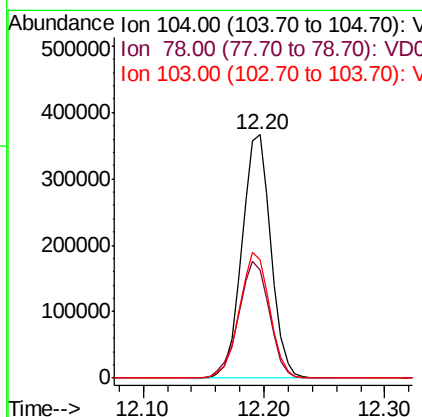
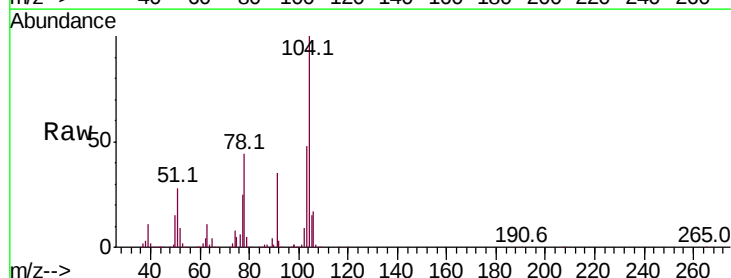
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

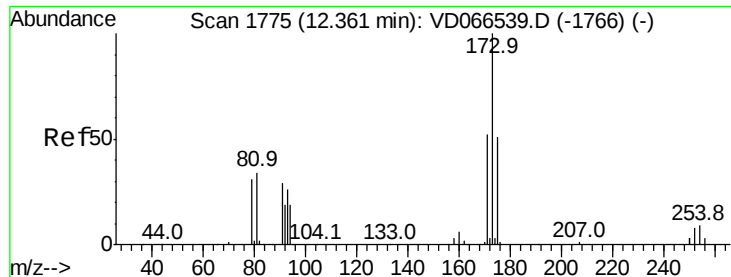
Tot Ion:106 Resp: 339101  
Ion Ratio Lower Upper  
106 100  
91 219.7 107.9 323.8



#70  
Styrene  
Concen: 51.069 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion:104 Resp: 612048  
Ion Ratio Lower Upper  
104 100  
78 51.3 40.7 61.1  
103 54.3 42.9 64.3

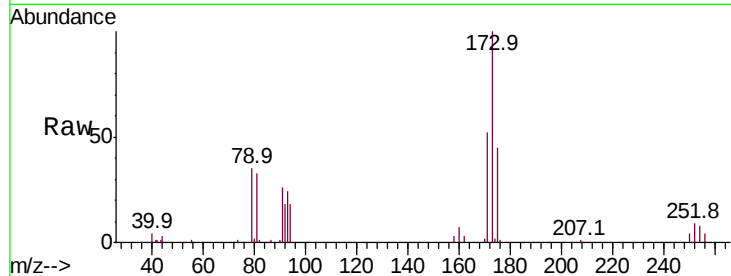




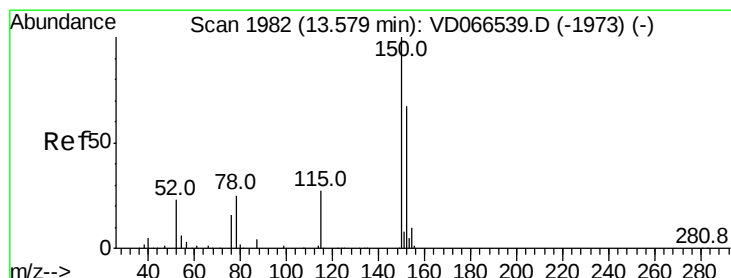
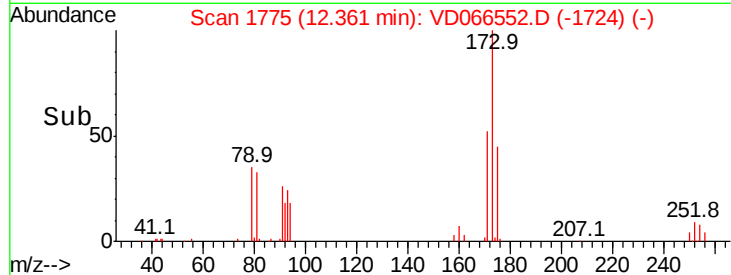
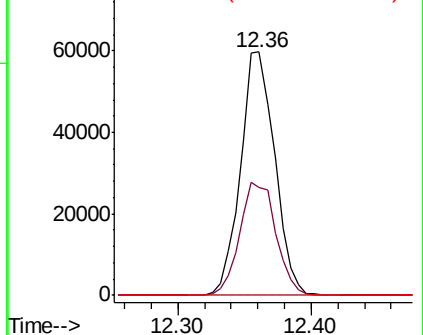
#71  
Bromoform  
Concen: 48.719 ug/l  
RT: 12.36 min Scan# 1775  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:173 Resp: 105724  
Ion Ratio Lower Upper  
173 100  
175 49.1 24.2 72.6  
254 0.0 0.0 0.0

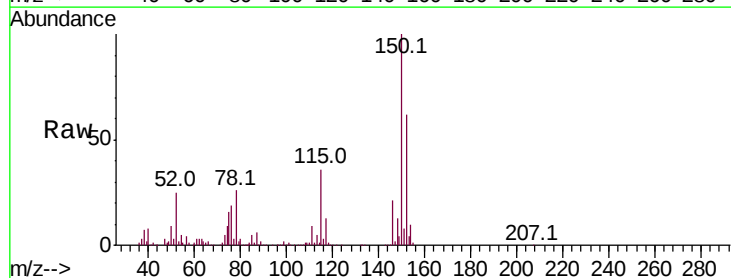


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

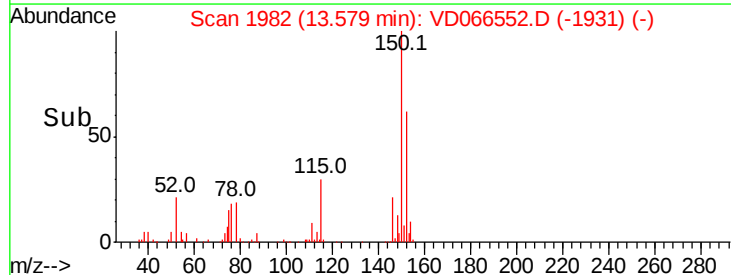
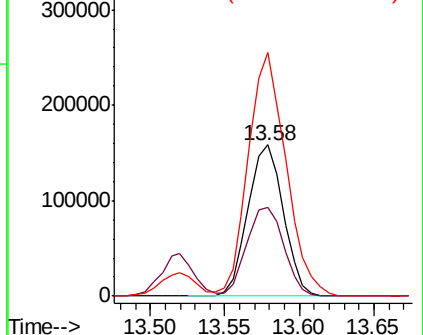


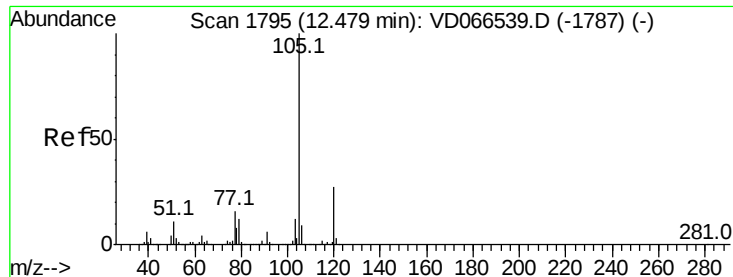
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1982  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion:152 Resp: 260461  
Ion Ratio Lower Upper  
152 100  
115 61.5 30.4 91.2  
150 171.7 0.0 345.8



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





#73

Isopropylbenzene

Concen: 48.094 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

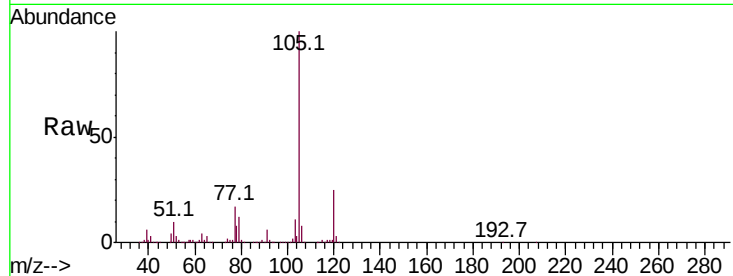
VSTDCCC050EC

Tot Ion:105 Resp: 927458

Ion Ratio Lower Upper

105 100

120 25.8 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

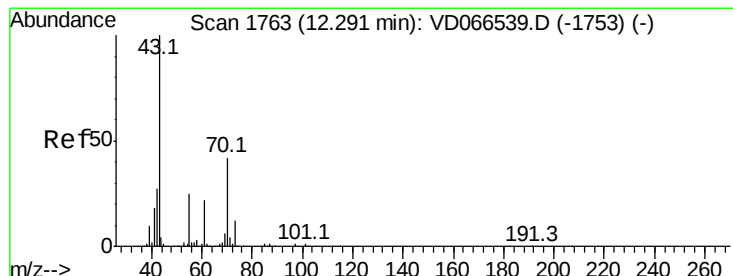
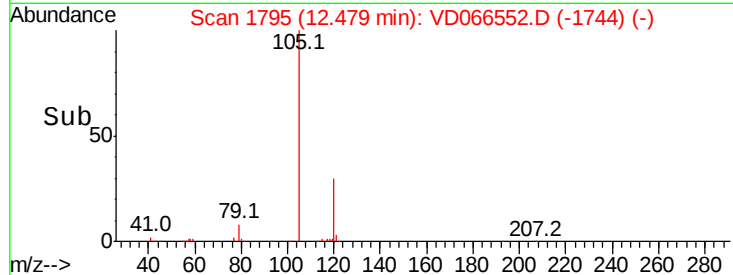
600000

400000

200000

0

Time--> 12.40 12.50



#74

N-ethyl acetate

Concen: 48.219 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Tgt Ion: 43 Resp: 210604

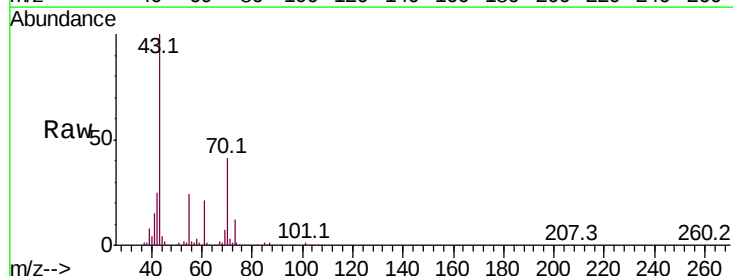
Ion Ratio Lower Upper

43 100

70 41.1 33.4 50.2

55 24.7 20.1 30.1

61 22.7 18.2 27.2



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

12.29

200000

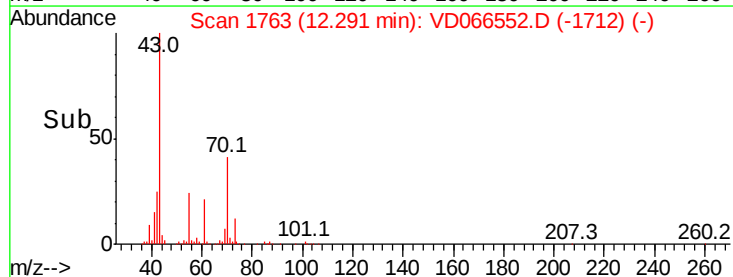
150000

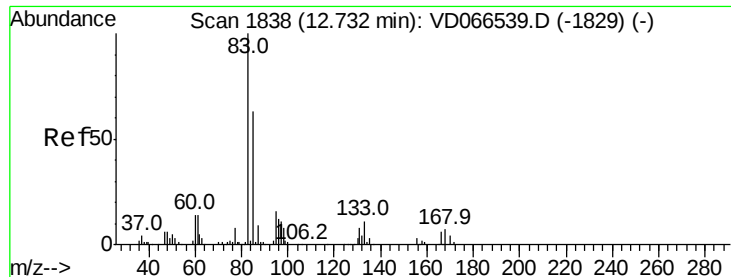
100000

50000

0

Time--> 12.20 12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 47.136 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

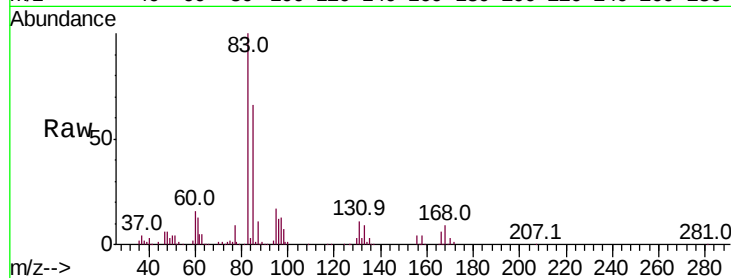
Tot Ion: 83 Resp: 160588

Ion Ratio Lower Upper

83 100

131 11.2 5.0 15.0

85 63.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC

120000

100000

80000

60000

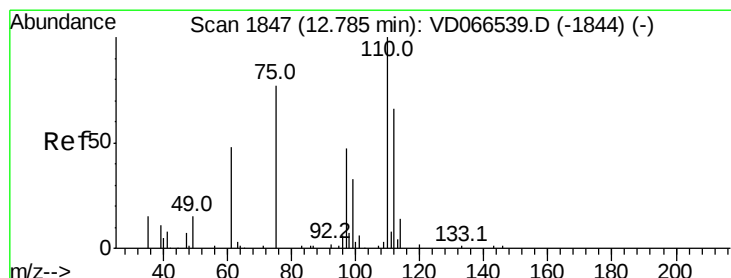
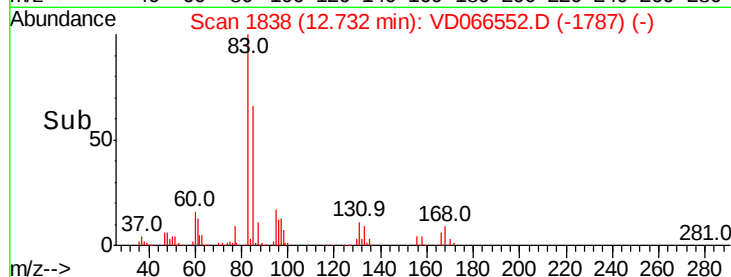
40000

20000

0

12.65 12.70 12.75 12.80

Time-->



#76

1,2,3-Trichloropropane

Concen: 87.029 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066552.D

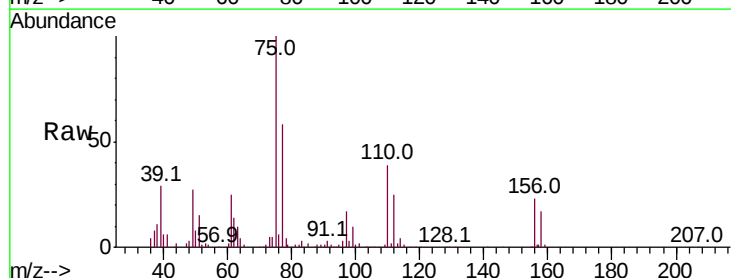
Acq: 03 Sep 2020 23:40

Tgt Ion: 75 Resp: 218002

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

250000

200000

150000

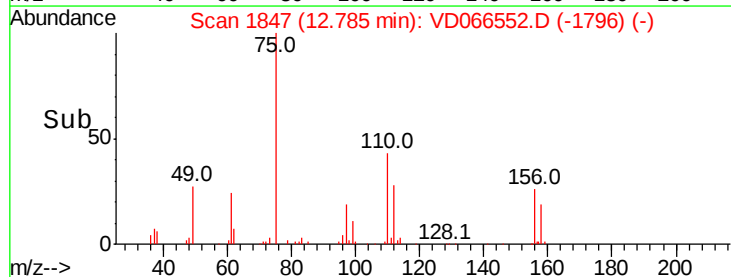
100000

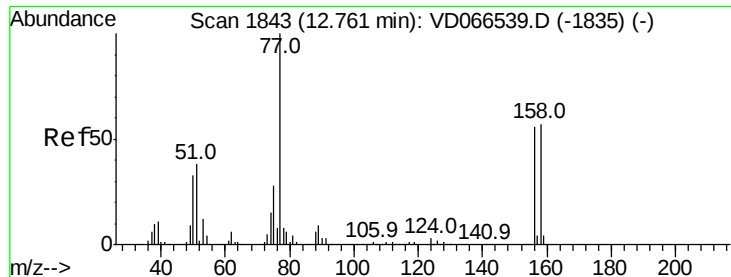
50000

0

12.70 12.75 12.80 12.85 12.90

Time-->





#77

Bromobenzene

Concen: 49.063 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

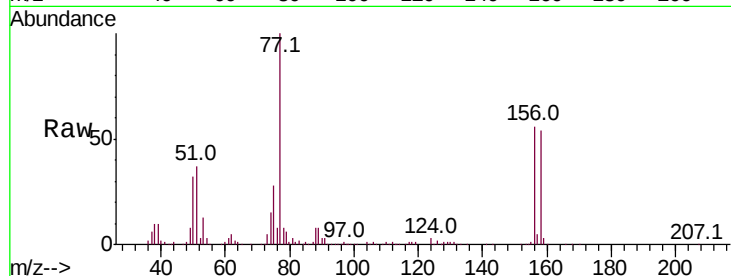
Tot Ion:156 Resp: 210937

Ion Ratio Lower Upper

156 100

77 194.6 98.0 294.1

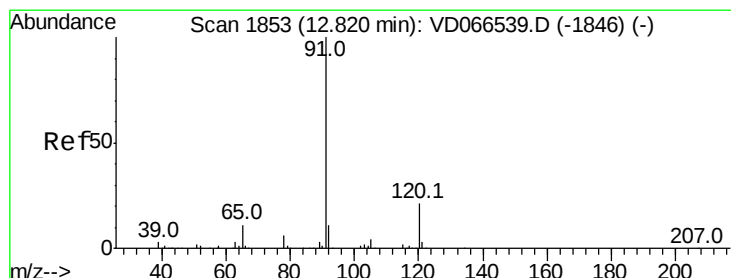
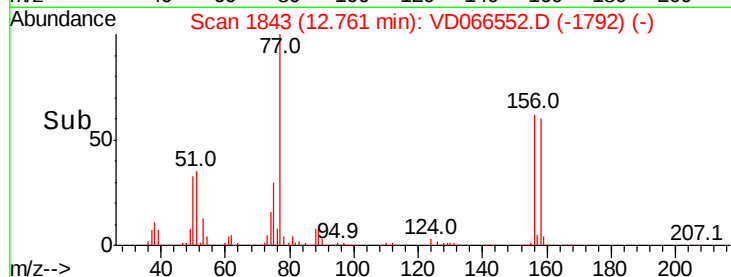
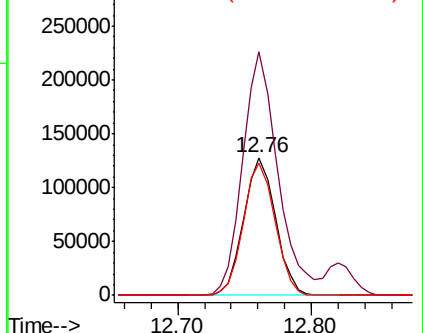
158 95.8 48.1 144.3



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: 48.566 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066552.D

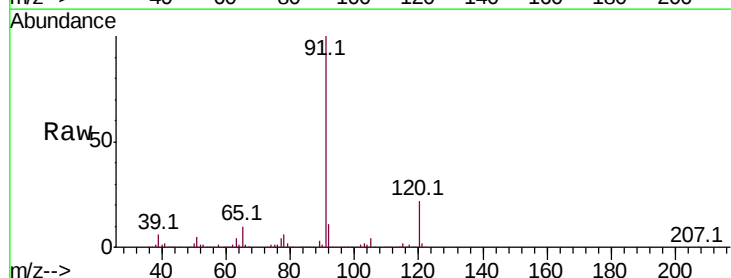
Acq: 03 Sep 2020 23:40

Tgt Ion: 91 Resp: 1135345

Ion Ratio Lower Upper

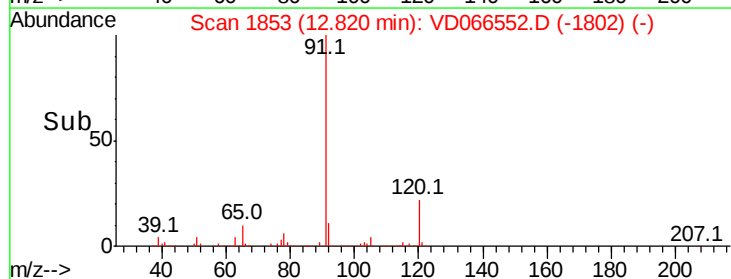
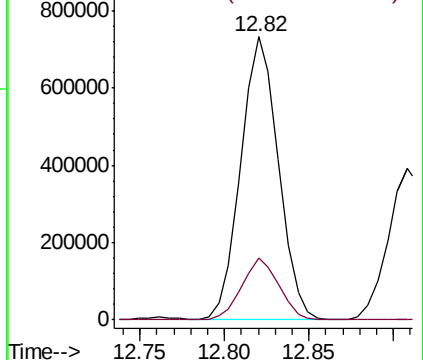
91 100

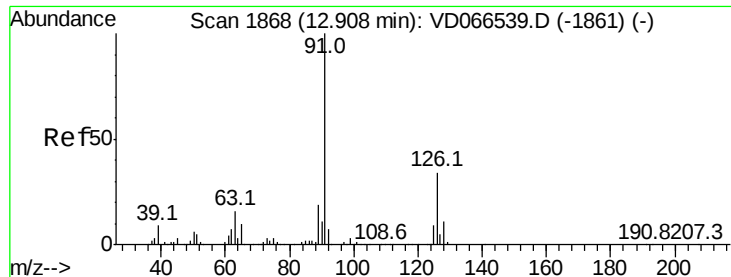
120 21.6 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

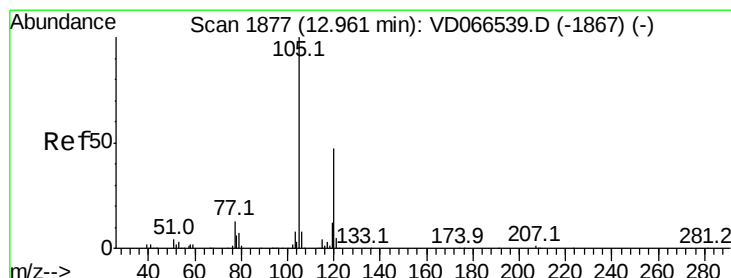
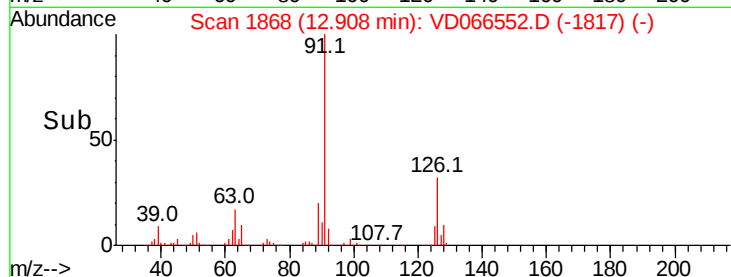
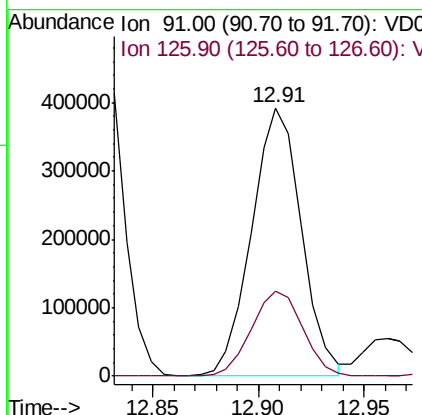
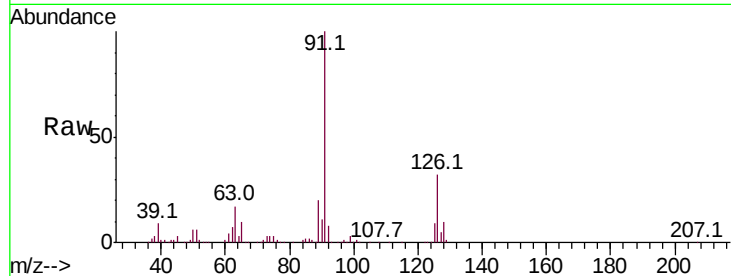




#79  
 2-Chlorotoluene  
 Concen: 48.775 ug/l  
 RT: 12.91 min Scan# 1868  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

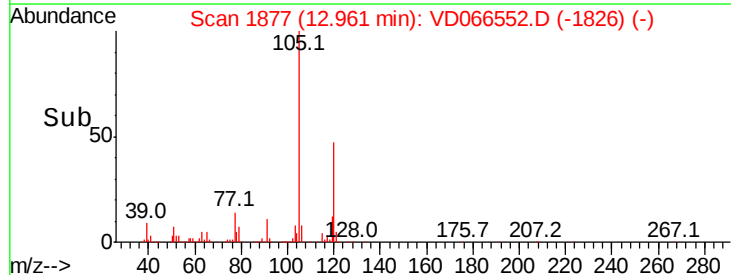
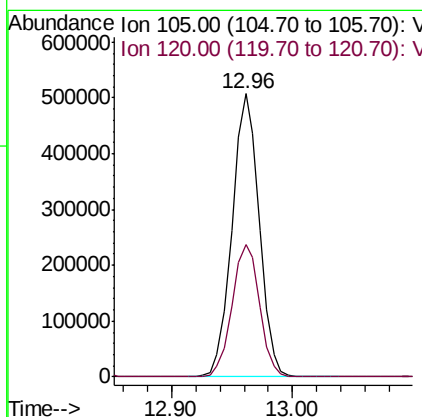
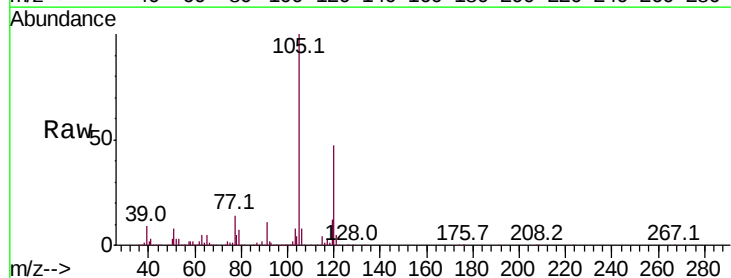
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

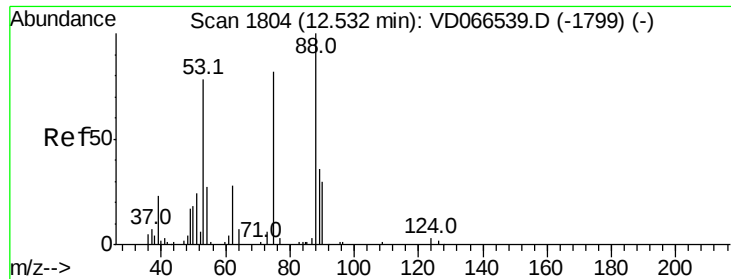
Tot Ion: 91 Resp: 639673  
 Ion Ratio Lower Upper  
 91 100  
 126 32.9 16.4 49.4



#80  
 1,3,5-Trimethylbenzene  
 Concen: 48.712 ug/l  
 RT: 12.96 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

Tgt Ion:105 Resp: 790651  
 Ion Ratio Lower Upper  
 105 100  
 120 47.7 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.088 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

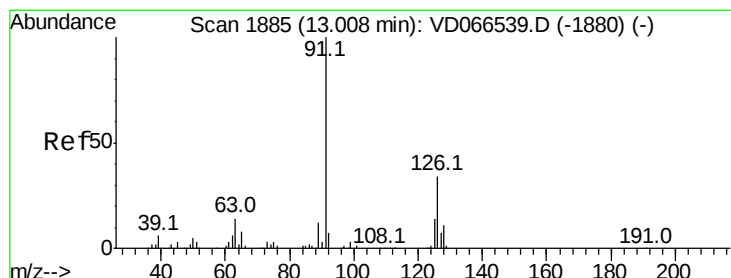
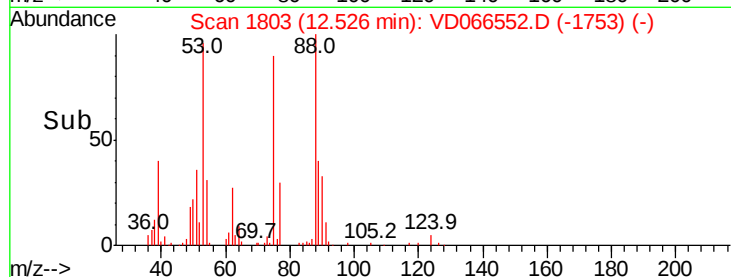
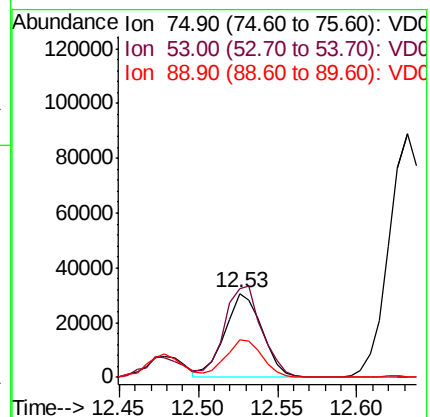
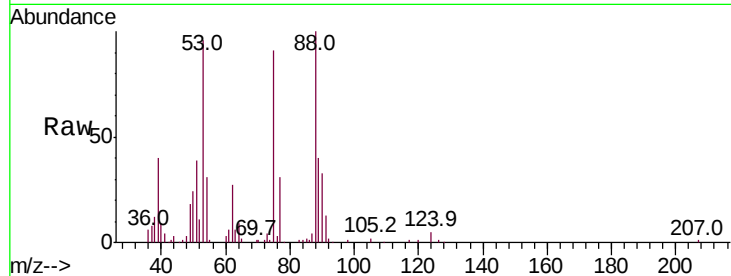
Tot Ion: 75 Resp: 50523

Ion Ratio Lower Upper

75 100

53 106.9 87.0 130.4

89 42.9 37.1 55.7



#82

4-Chlorotoluene

Concen: 48.671 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066552.D

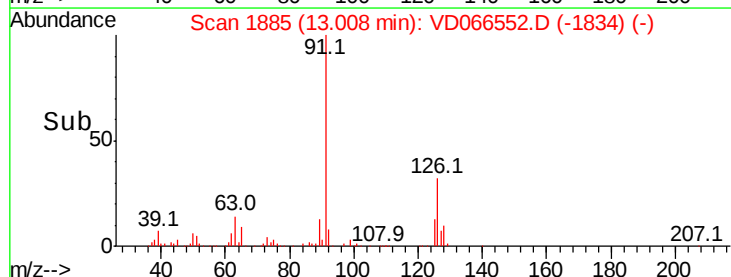
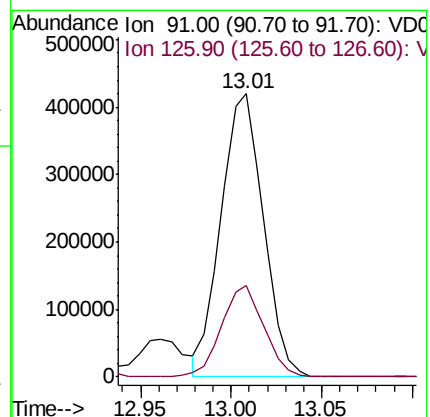
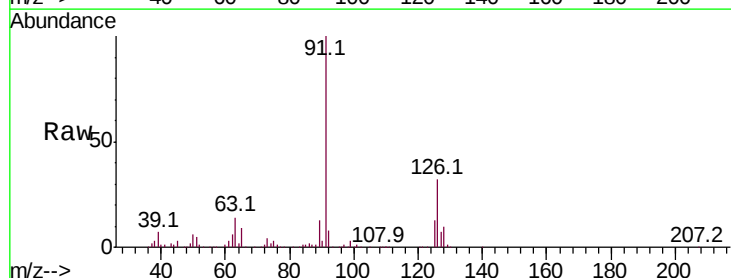
Acq: 03 Sep 2020 23:40

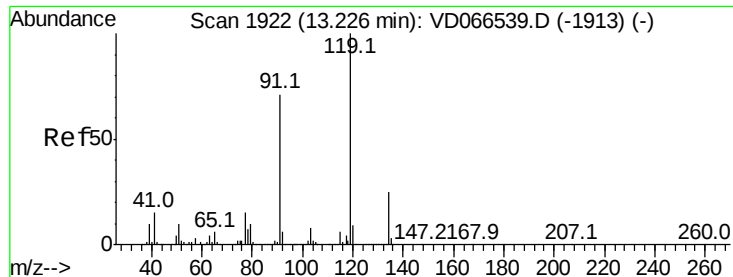
Tgt Ion: 91 Resp: 682586

Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.1





#83

tert-Butylbenzene

Concen: 47.867 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

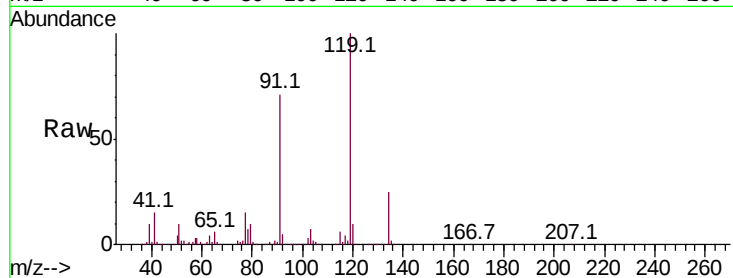
Tot Ion:119 Resp: 634444

Ion Ratio Lower Upper

119 100

91 68.8 35.2 105.6

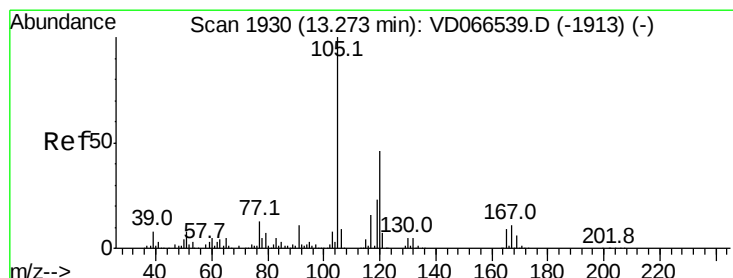
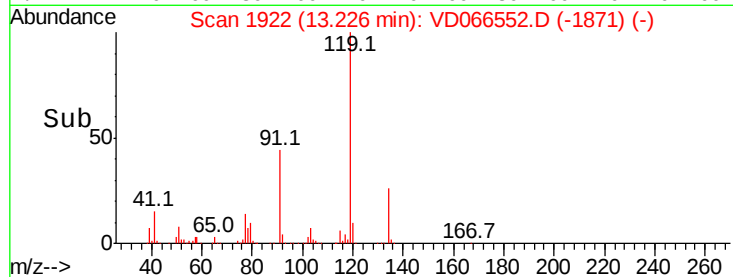
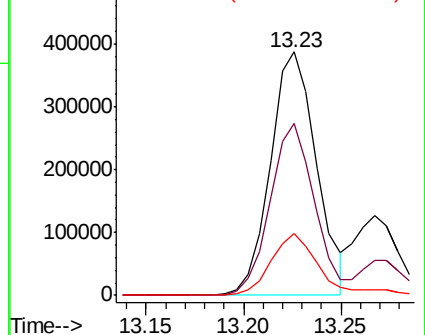
134 26.7 13.5 40.5



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: 49.938 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066552.D

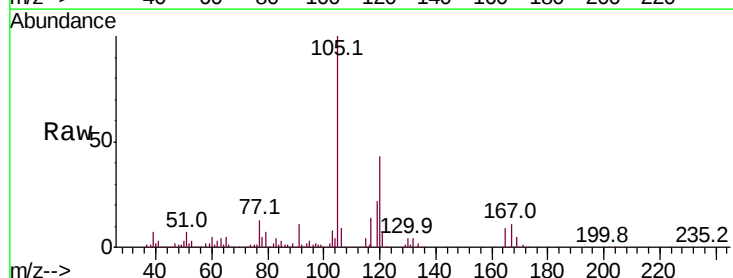
Acq: 03 Sep 2020 23:40

Tgt Ion:105 Resp: 806988

Ion Ratio Lower Upper

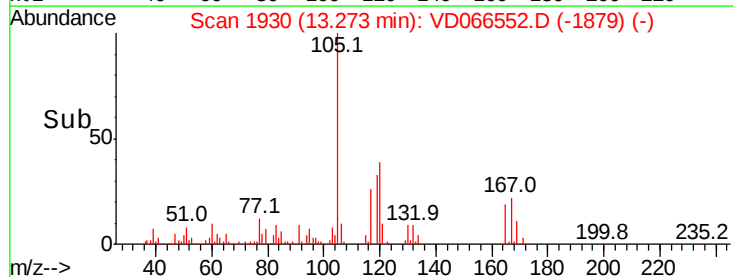
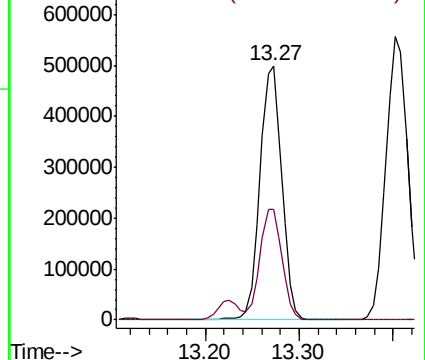
105 100

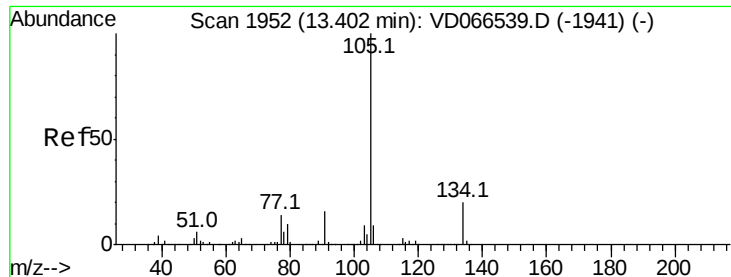
120 43.7 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.809 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

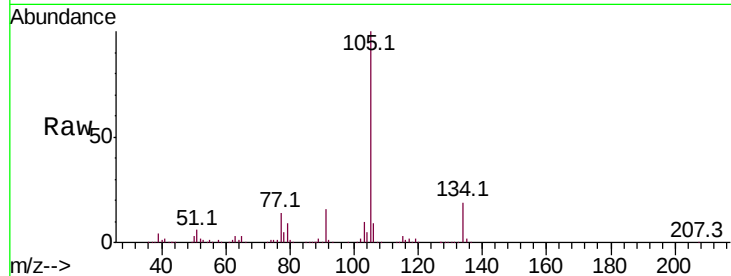
VSTDCCC050EC

Tot Ion:105 Resp: 893866

Ion Ratio Lower Upper

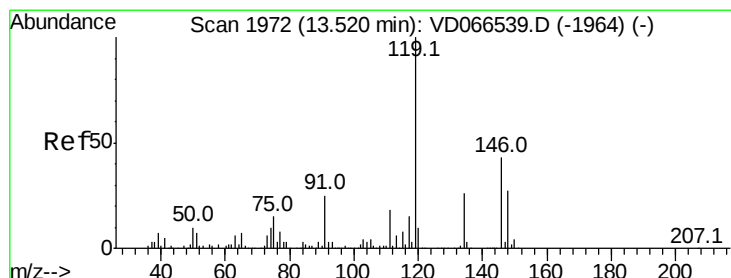
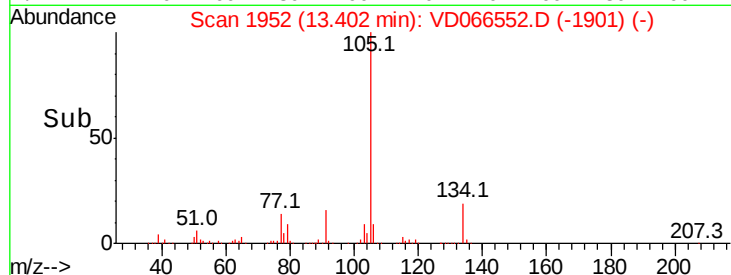
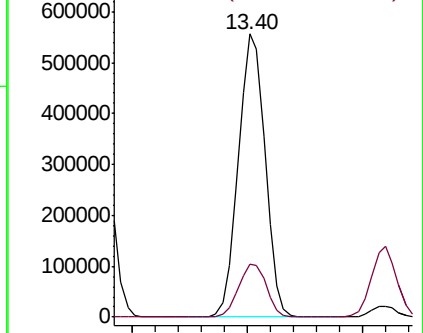
105 100

134 19.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.269 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

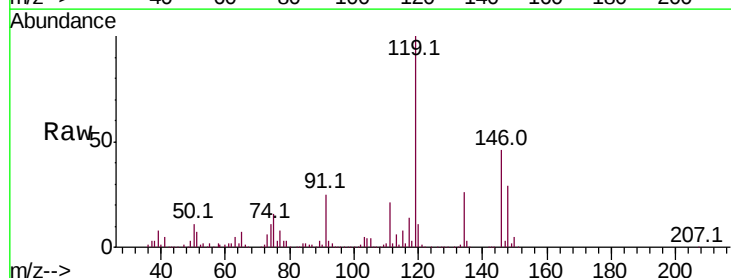
Tgt Ion:119 Resp: 829629

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

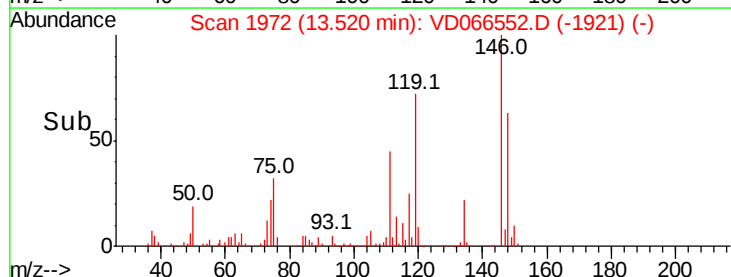
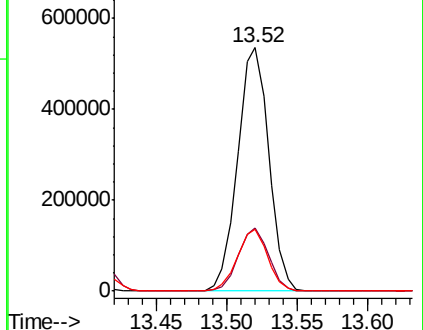
91 24.5 12.5 37.5

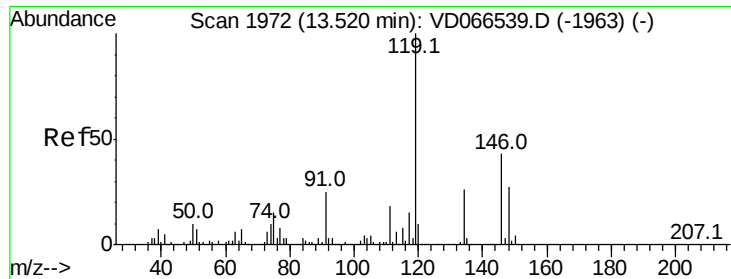


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

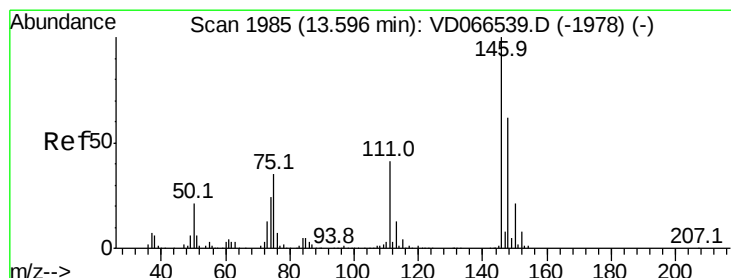
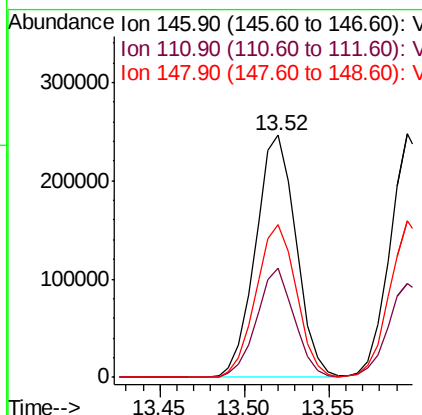
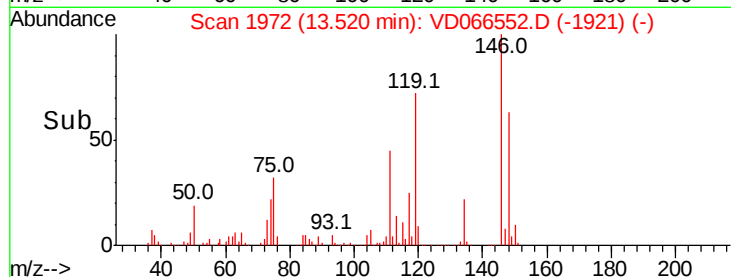
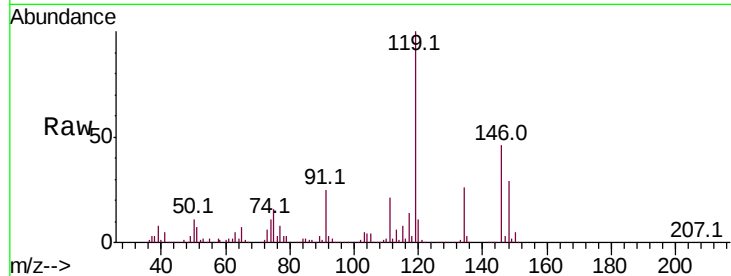




#87  
 1,3-Dichlorobenzene  
 Concen: 48.058 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

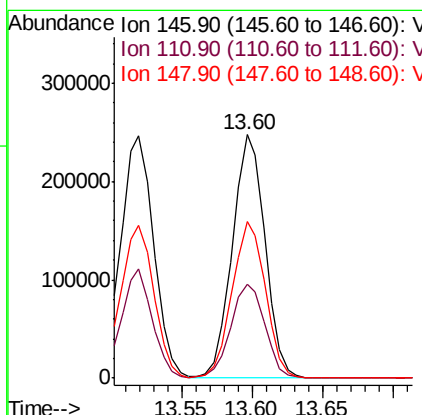
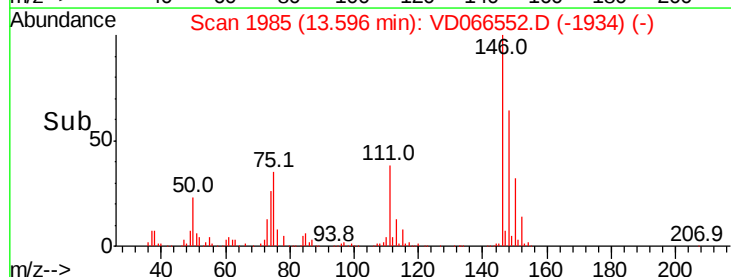
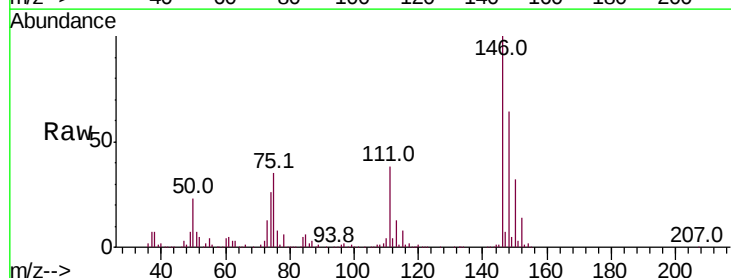
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

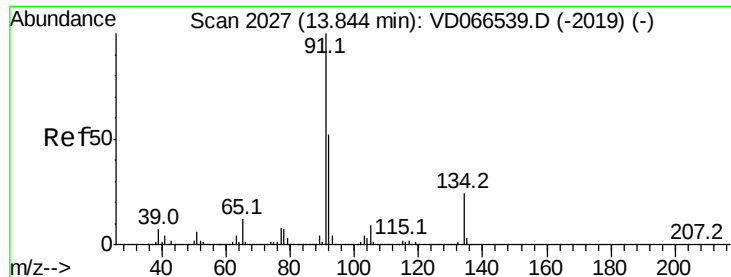
Tot Ion:146 Resp: 410186  
 Ion Ratio Lower Upper  
 146 100  
 111 41.9 20.6 61.9  
 148 62.9 32.1 96.3



#88  
 1,4-Dichlorobenzene  
 Concen: 46.695 ug/l  
 RT: 13.60 min Scan# 1985  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

Tgt Ion:146 Resp: 400023  
 Ion Ratio Lower Upper  
 146 100  
 111 40.4 20.1 60.2  
 148 65.3 31.6 94.8

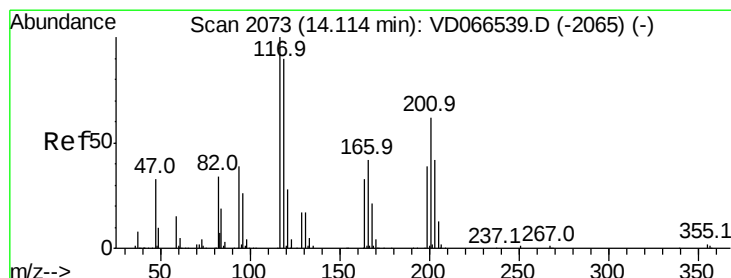
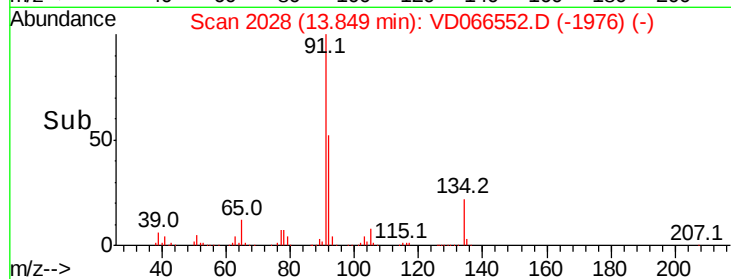
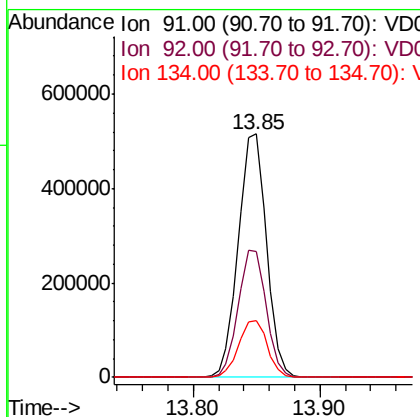
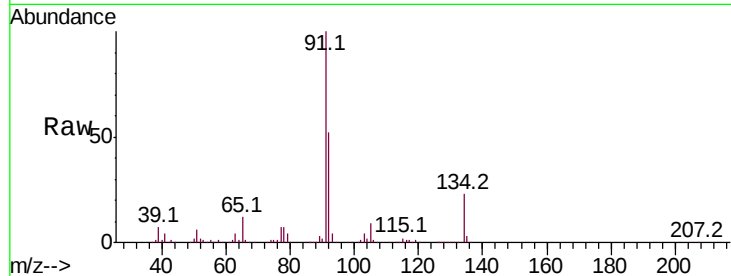




#89  
n-Butylbenzene  
Concen: 47.350 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.01 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

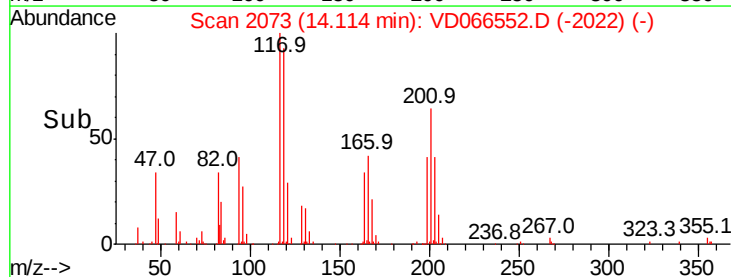
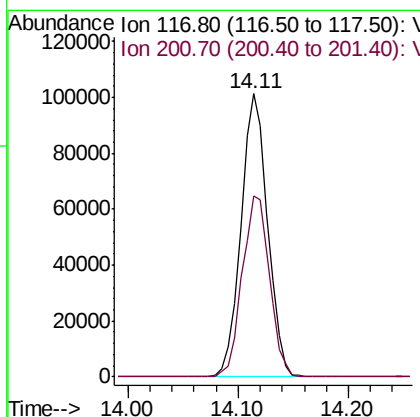
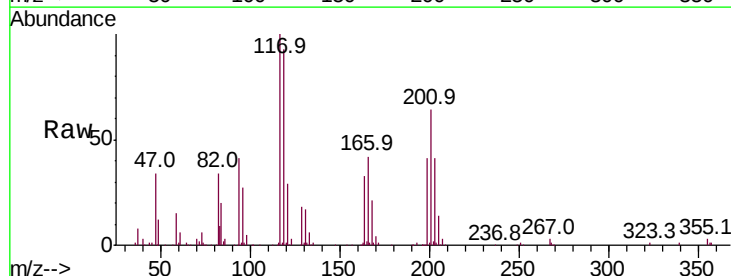
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

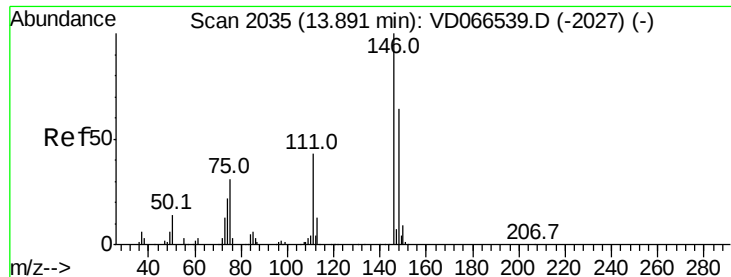
Tot Ion: 91 Resp: 793068  
Ion Ratio Lower Upper  
91 100  
92 51.8 26.5 79.5  
134 23.8 12.1 36.3



#90  
Hexachloroethane  
Concen: 46.233 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. -0.00 min  
Lab File: VD066552.D  
Acq: 03 Sep 2020 23:40

Tgt Ion: 117 Resp: 171220  
Ion Ratio Lower Upper  
117 100  
201 66.0 31.9 95.5





#91

1,2-Dichlorobenzene

Concen: 47.357 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

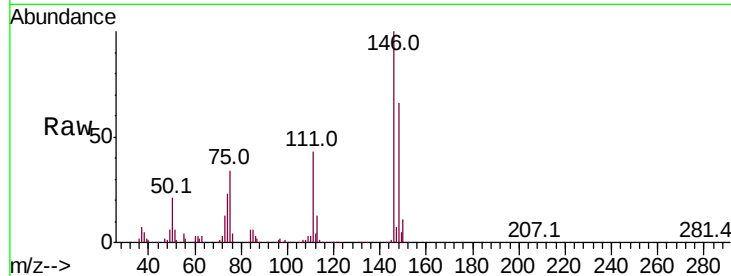
Tot Ion:146 Resp: 353299

Ion Ratio Lower Upper

146 100

111 42.8 21.1 63.4

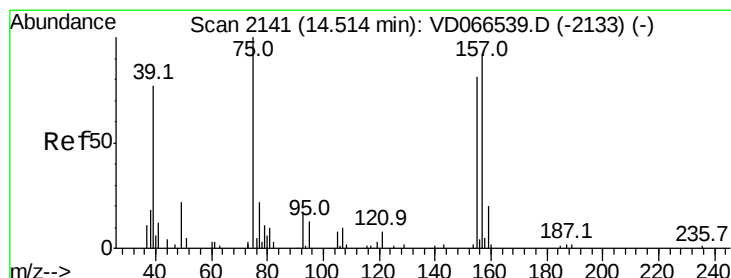
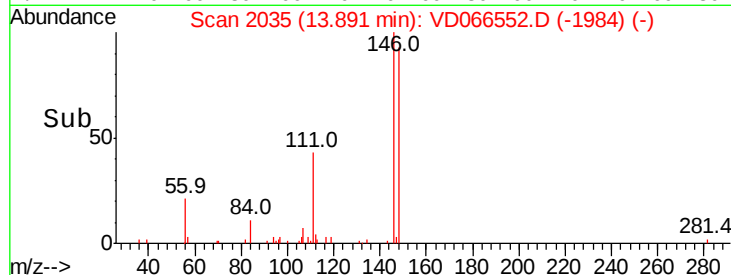
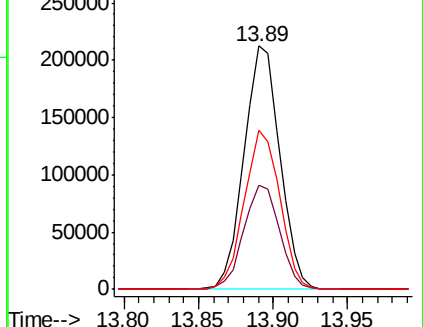
148 64.8 31.8 95.3



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: 46.660 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

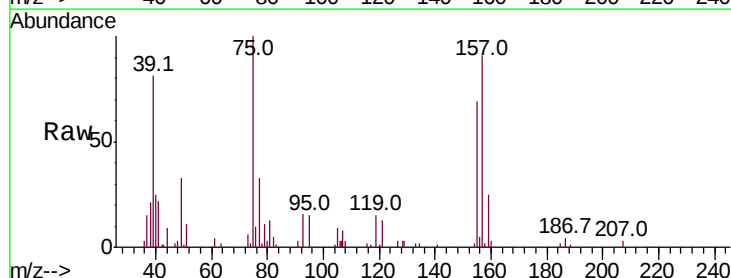
Tgt Ion: 75 Resp: 27004

Ion Ratio Lower Upper

75 100

155 79.9 39.3 117.8

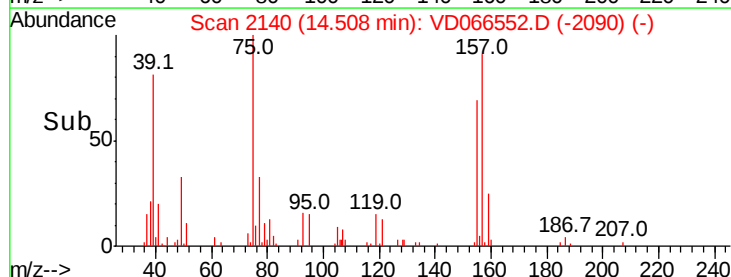
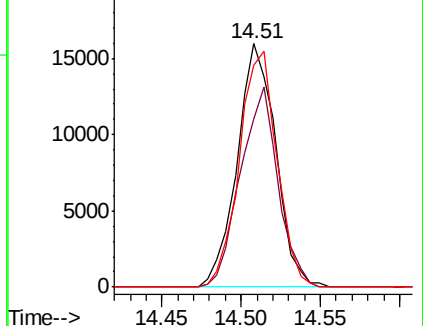
157 94.7 46.0 137.8

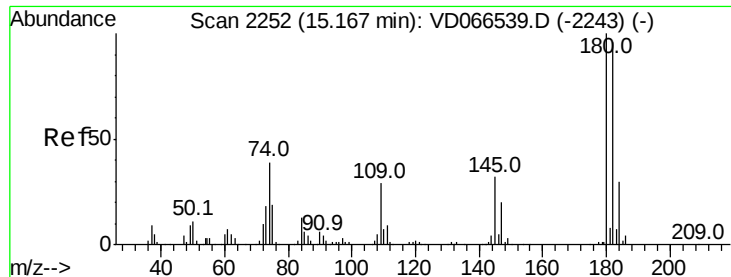


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

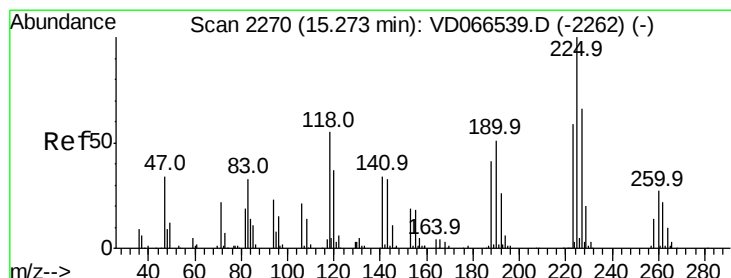
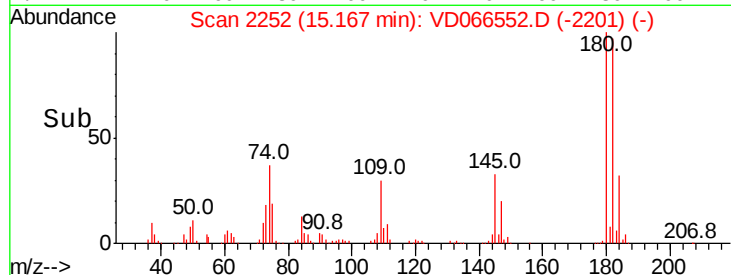
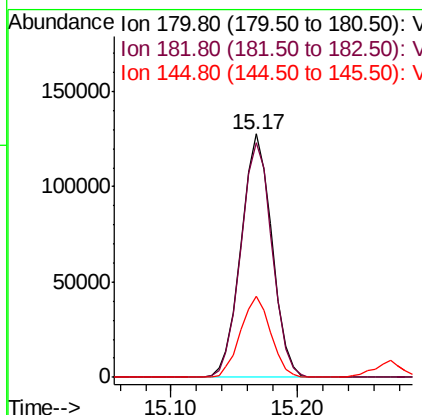
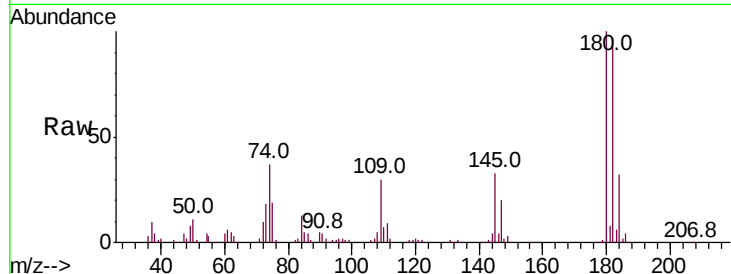




#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.235 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

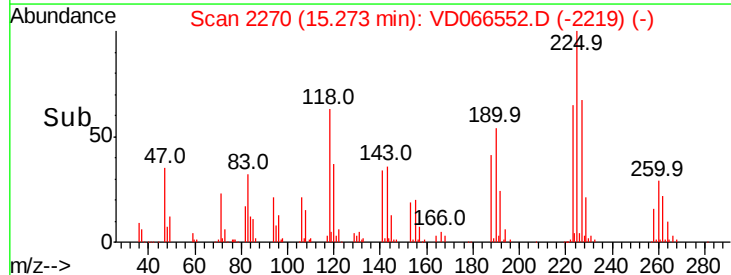
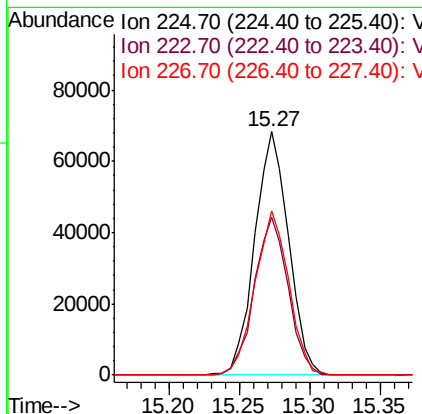
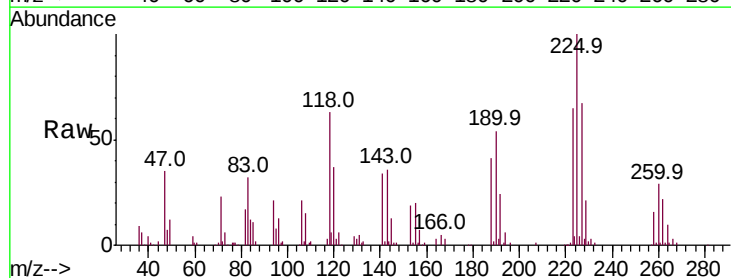
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

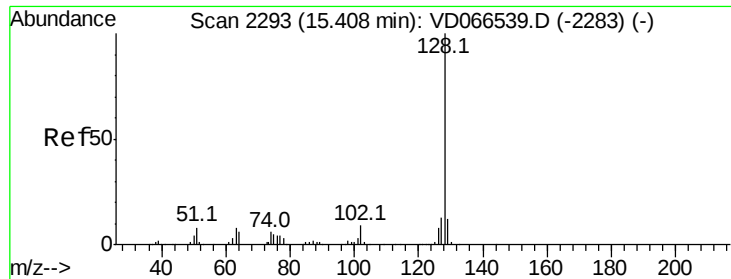
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.3  | 48.4  | 145.0 |
| 145     | 32.5  | 16.7  | 50.0  |



#94  
 Hexachlorobutadiene  
 Concen: 42.974 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. -0.00 min  
 Lab File: VD066552.D  
 Acq: 03 Sep 2020 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.5  | 30.5  | 91.5  |
| 227     | 67.0  | 32.4  | 97.2  |





#95

Naphthalene

Concen: 51.383 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

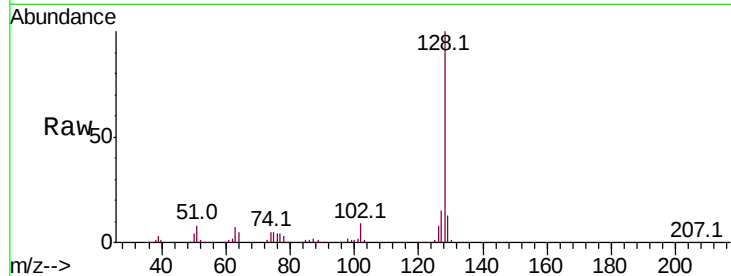
Tot Ion:128 Resp: 402011

Ion Ratio Lower Upper

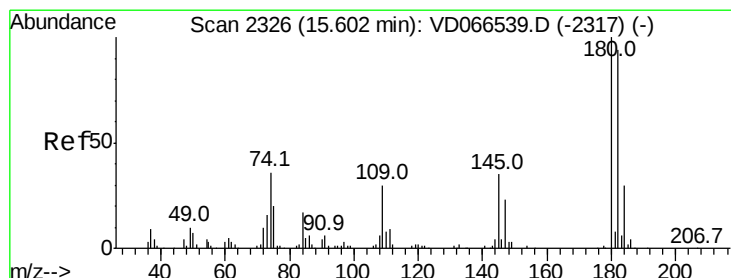
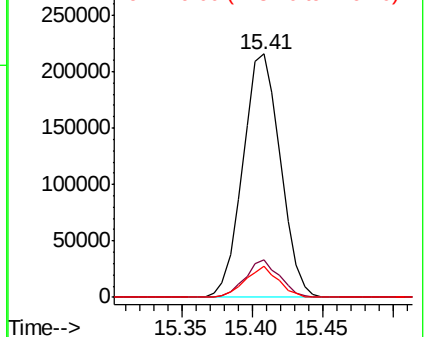
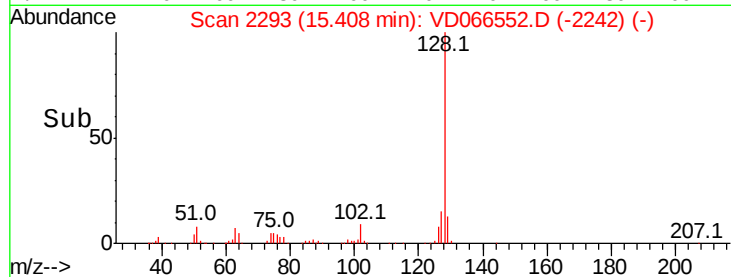
128 100

127 14.1 10.7 16.1

129 11.3 9.1 13.7



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



#96

1,2,3-Trichlorobenzene

Concen: 50.339 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066552.D

Acq: 03 Sep 2020 23:40

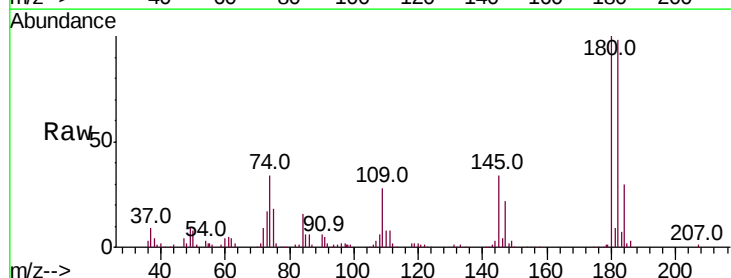
Tgt Ion:180 Resp: 192155

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.6

145 34.1 17.3 51.7



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

