

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\  
 Data File : VD067335.D  
 Acq On : 20 Oct 2020 20:19  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 21 01:52:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 19 19:13:29 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 303741   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 458401   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 433223   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 218158   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.33   | 65  | 161175   | 52.97 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.94% |      |
| 35) Dibromofluoromethane    | 7.92   | 113 | 161975   | 53.10 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 106.20% |      |
| 50) Toluene-d8              | 10.34  | 98  | 577838   | 52.34 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 104.68% |      |
| 62) 4-Bromofluorobenzene    | 12.64  | 95  | 205076   | 53.42 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 106.84% |      |

| Target Compounds              |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 113001 | 45.998  | ug/l   | 99     |
| 3) Chloromethane              | 2.21 | 50  | 87941  | 46.004  | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.35 | 62  | 94208  | 44.916  | ug/l   | 97     |
| 5) Bromomethane               | 2.77 | 94  | 81587  | 56.190  | ug/l   | 95     |
| 6) Chloroethane               | 2.92 | 64  | 63861  | 48.890  | ug/l   | 91     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 248797 | 47.107  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.71 | 74  | 64598  | 53.451  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 135428 | 48.263  | ug/l   | 100    |
| 10) Methyl Iodide             | 4.30 | 142 | 139101 | 53.739  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.23 | 59  | 42781  | 274.960 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 124004 | 49.466  | ug/l   | 99     |
| 13) Acrolein                  | 3.93 | 56  | 47673  | 261.077 | ug/l   | 96     |
| 14) Allyl chloride            | 4.71 | 41  | 144670 | 50.394  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.43 | 53  | 114755 | 284.570 | ug/l   | 99     |
| 16) Acetone                   | 4.16 | 43  | 96362  | 226.108 | ug/l   | 93     |
| 17) Carbon Disulfide          | 4.41 | 76  | 332440 | 46.518  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.71 | 43  | 54282  | 55.843  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73  | 275943 | 55.359  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.97 | 84  | 150527 | 55.648  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 5.48 | 96  | 148545 | 51.492  | ug/l   | 96     |
| 22) Diisopropyl ether         | 6.36 | 45  | 287211 | 54.767  | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.31 | 43  | 873656 | 292.823 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 231939 | 51.667  | ug/l   | 99     |
| 25) 2-Butanone                | 7.21 | 43  | 134668 | 277.210 | ug/l   | 93     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 226746 | 49.004  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 168679 | 53.351  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.55 | 49  | 83706  | 54.667  | ug/l # | 98     |
| 29) Tetrahydrofuran           | 7.57 | 42  | 79347  | 293.828 | ug/l   | 96     |
| 30) Chloroform                | 7.71 | 83  | 281902 | 52.567  | ug/l   | 88     |
| 31) Cyclohexane               | 7.98 | 56  | 160918 | 45.912  | ug/l   | 89     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97  | 267017 | 50.747  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 8.12 | 75  | 194840 | 50.149  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.30 | 43  | 64163  | 56.130  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 252421 | 50.833  | ug/l   | 98     |

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 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Oct 21 01:52:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 19 19:13:29 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 200790   | 49.434   | ug/l   | 97       |
| 40) Benzene                    | 8.36  | 78   | 567892   | 53.279   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.52  | 41   | 35631    | 57.681   | ug/l   | 86       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 184639   | 55.353   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.46  | 43   | 128013   | 56.437   | ug/l   | 99       |
| 44) Trichloroethene            | 9.12  | 130  | 181458   | 53.172   | ug/l   | 86       |
| 45) 1,2-Dichloropropane        | 9.40  | 63   | 132512   | 53.643   | ug/l   | 100      |
| 46) Dibromomethane             | 9.48  | 93   | 84495    | 54.899   | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.67  | 83   | 226898   | 55.025   | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.46  | 41   | 62913    | 57.075   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 17686    | 1193.306 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 331985   | 293.448  | ug/l   | 99       |
| 52) Toluene                    | 10.41 | 92   | 390761   | 53.826   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 203199   | 56.096   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 232183   | 54.769   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.81 | 97   | 120265   | 57.303   | ug/l   | 94       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 130119   | 59.780   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 185856   | 55.645   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 325815   | 291.788  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.99 | 43   | 223320   | 288.875  | ug/l   | 93       |
| 60) Dibromochloromethane       | 11.14 | 129  | 169217   | 55.286   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 115018   | 55.589   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 155992   | 49.697   | ug/l   | 97       |
| 65) Chlorobenzene              | 11.67 | 112  | 434527   | 52.305   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 177462   | 53.747   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.75 | 91   | 760161   | 53.380   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 584912   | 106.661  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 275540   | 54.260   | ug/l   | 95       |
| 70) Styrene                    | 12.20 | 104  | 476354   | 54.493   | ug/l   | 100      |
| 71) Bromoform                  | 12.37 | 173  | 99793    | 56.260   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.48 | 105  | 740326   | 53.469   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.29 | 43   | 118871   | 56.844   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 116608   | 54.965   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 156217   | 103.315  | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 191183   | 55.385   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.83 | 91   | 861939   | 53.730   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 496083   | 53.324   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 646372   | 53.722   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 36528    | 54.783   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 541801   | 54.872   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 559022   | 55.003   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 655443   | 55.116   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 733323   | 52.584   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 710849   | 54.003   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 353731   | 53.240   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 353550   | 53.709   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.85 | 91   | 620600   | 53.592   | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 124347   | 54.134   | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 316493   | 54.528   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 21613    | 56.078   | ug/l   | 93       |

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Data File : VD067335.D  
Acq On : 20 Oct 2020 20:19  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 24 Sample Multiplier: 1

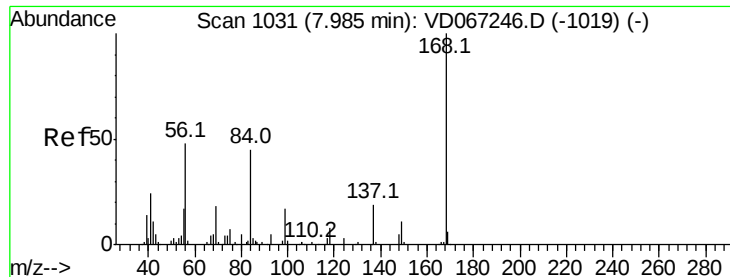
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Oct 21 01:52:06 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 19 19:13:29 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 217372   | 55.546 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 128854   | 53.023 | ug/l  | 98       |
| 95) Naphthalene            | 15.41 | 128  | 382842   | 59.586 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 190110   | 56.232 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

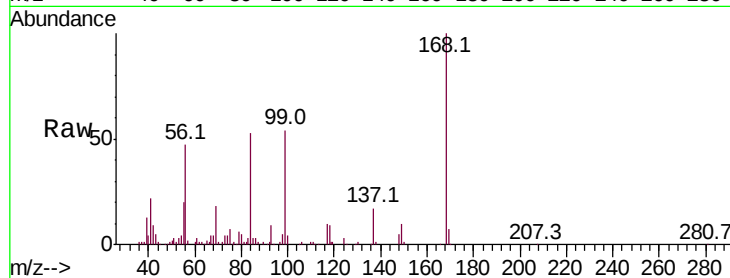
VSTDCCC050EC

Tot Ion:168 Resp: 303741

Ion Ratio Lower Upper

168 100

99 53.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

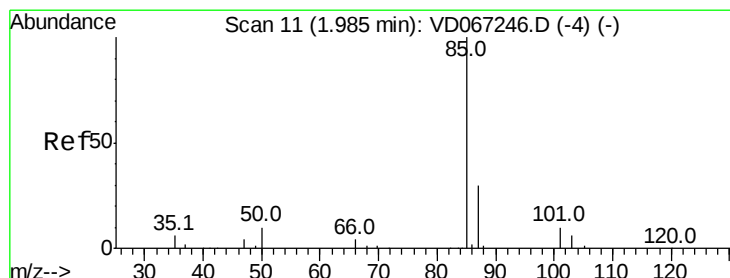
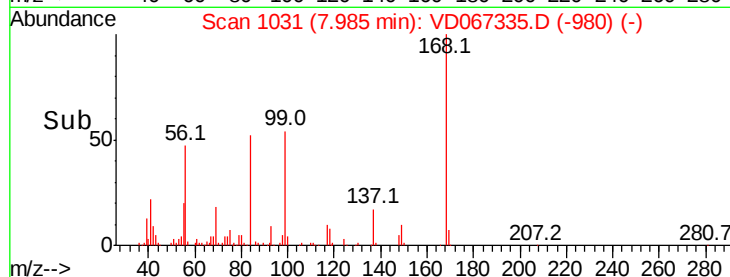
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 45.998 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067335.D

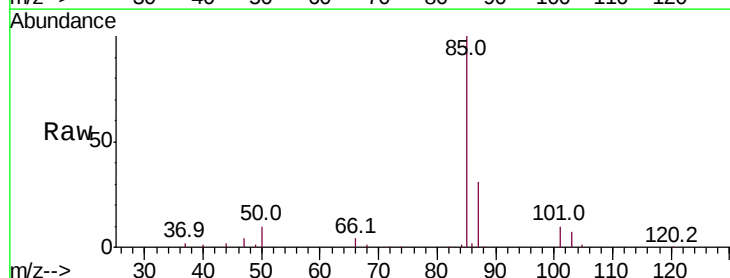
Acq: 20 Oct 2020 20:19

Tgt Ion: 85 Resp: 113001

Ion Ratio Lower Upper

85 100

87 30.7 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

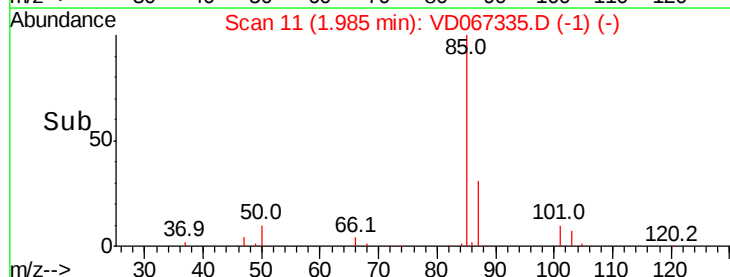
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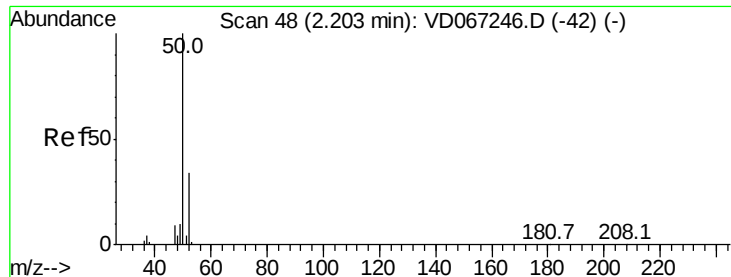
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 46.004 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

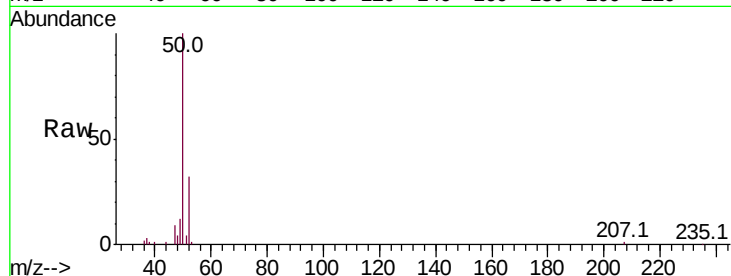
VSTDCCC050EC

Tot Ion: 50 Resp: 87941

Ion Ratio Lower Upper

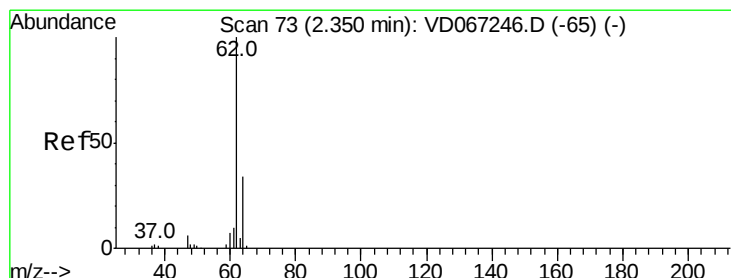
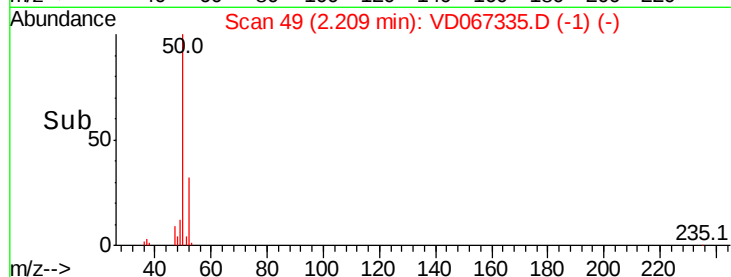
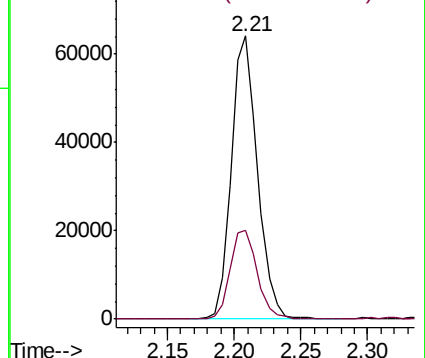
50 100

52 31.6 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.916 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067335.D

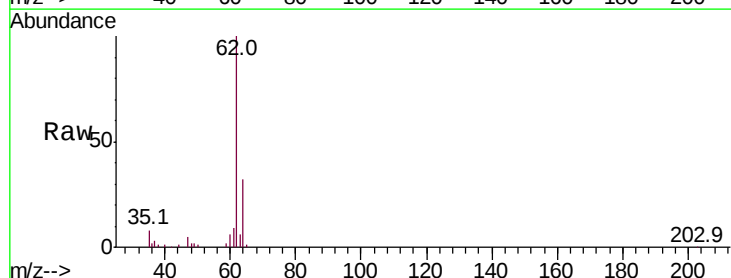
Acq: 20 Oct 2020 20:19

Tgt Ion: 62 Resp: 94208

Ion Ratio Lower Upper

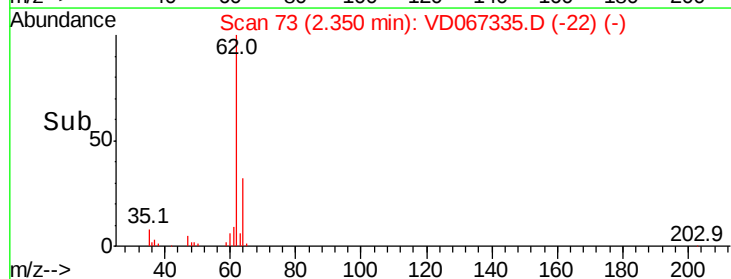
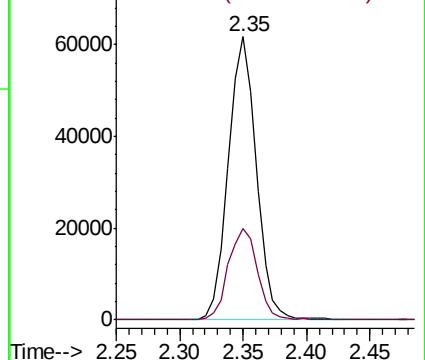
62 100

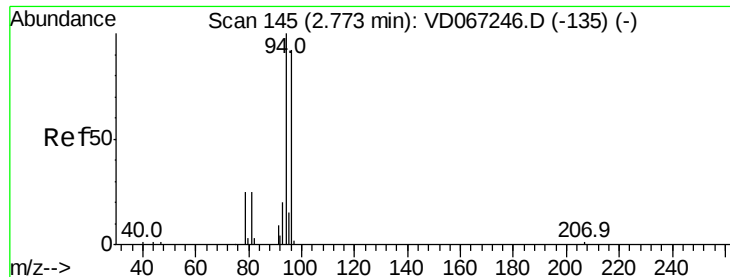
64 32.2 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 56.190 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

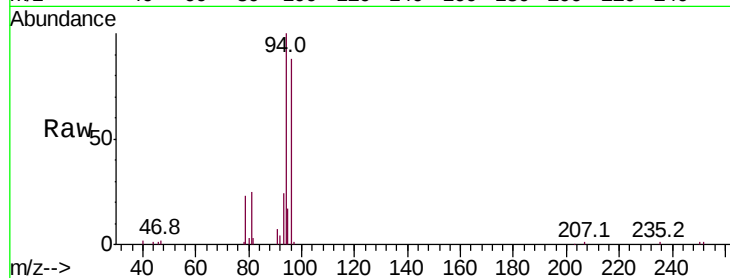
VSTDCCC050EC

Tot Ion: 94 Resp: 81587

Ion Ratio Lower Upper

94 100

96 87.5 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

40000

30000

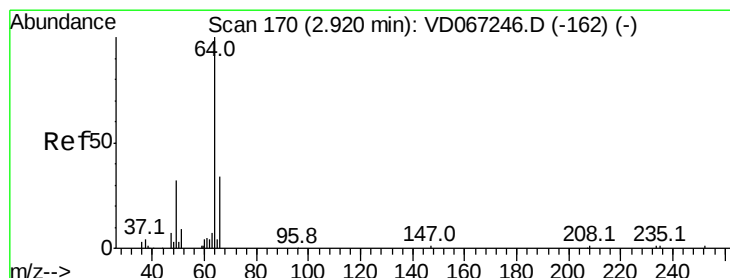
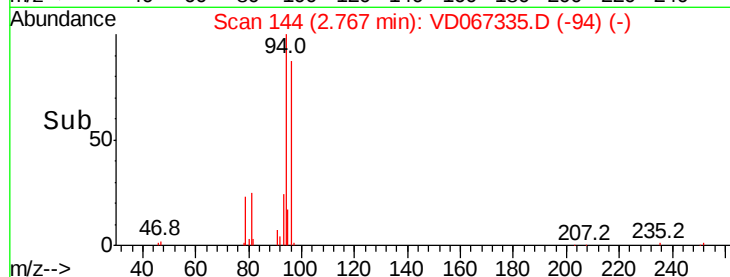
20000

10000

0

Time-->

2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 48.890 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067335.D

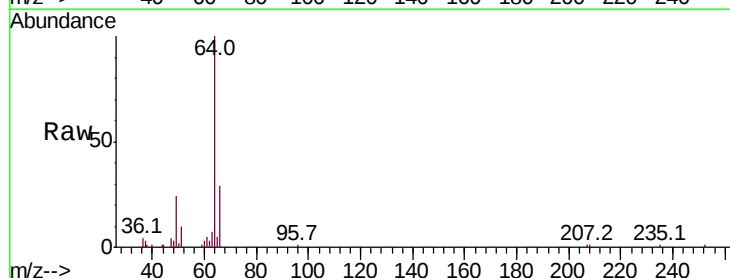
Acq: 20 Oct 2020 20:19

Tgt Ion: 64 Resp: 63861

Ion Ratio Lower Upper

64 100

66 29.0 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

30000

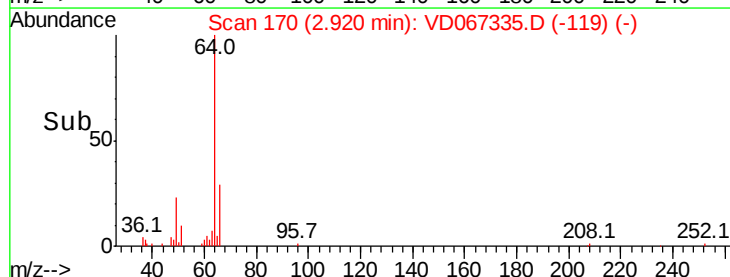
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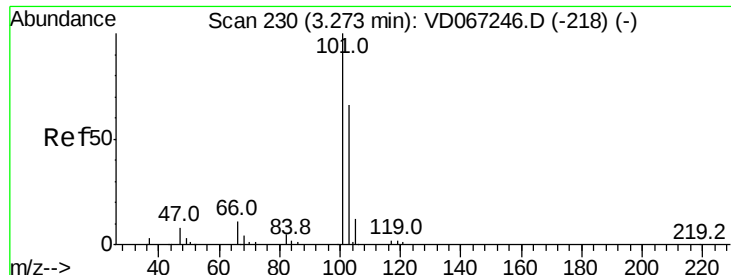
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0

Time-->

2.80 2.90 3.00





#7

Trichlorofluoromethane

Concen: 47.107 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

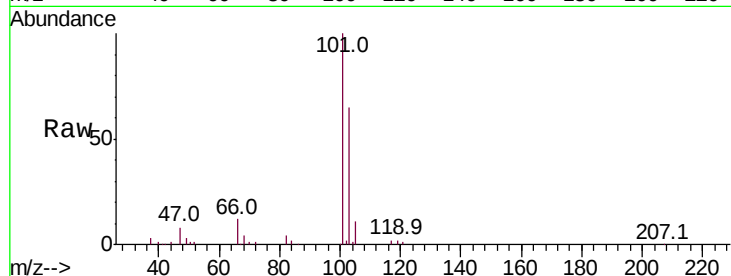
VSTDCCC050EC

Tot Ion:101 Resp: 248797

Ion Ratio Lower Upper

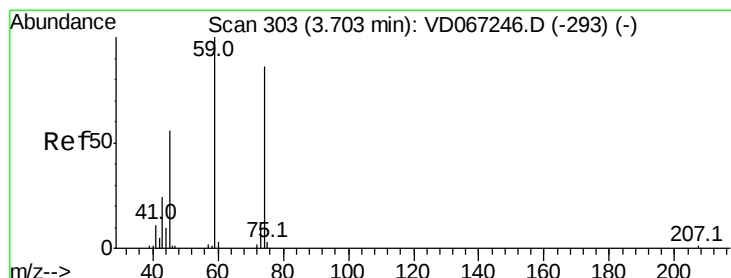
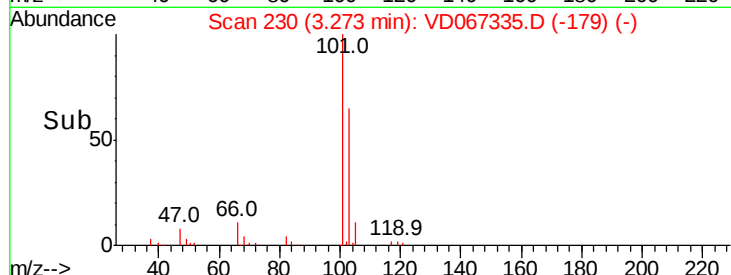
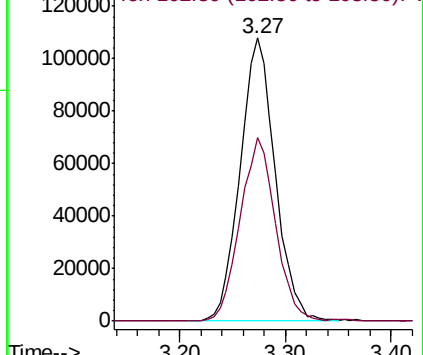
101 100

103 64.7 53.1 79.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 53.451 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD067335.D

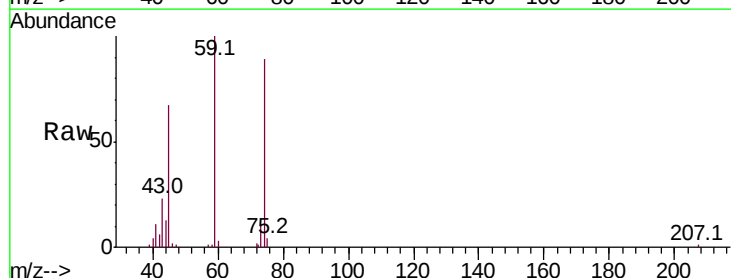
Acq: 20 Oct 2020 20:19

Tgt Ion: 74 Resp: 64598

Ion Ratio Lower Upper

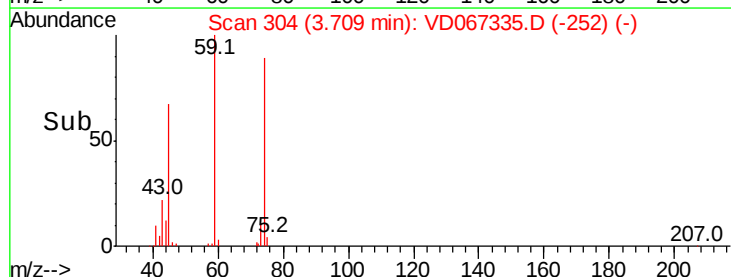
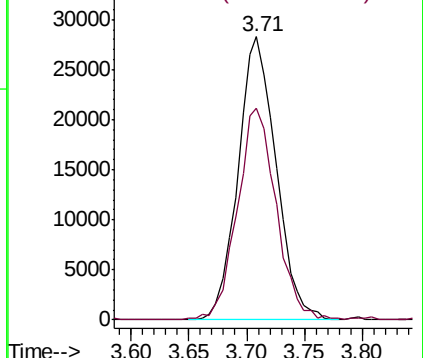
74 100

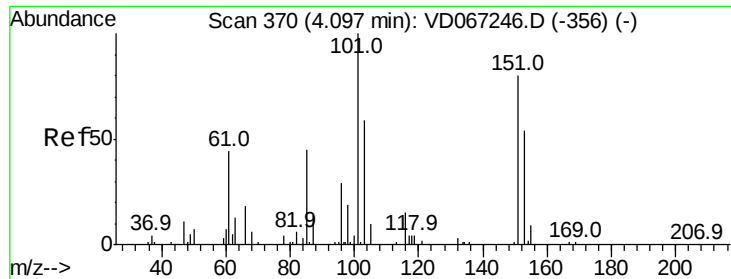
45 76.6 37.0 111.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.263 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

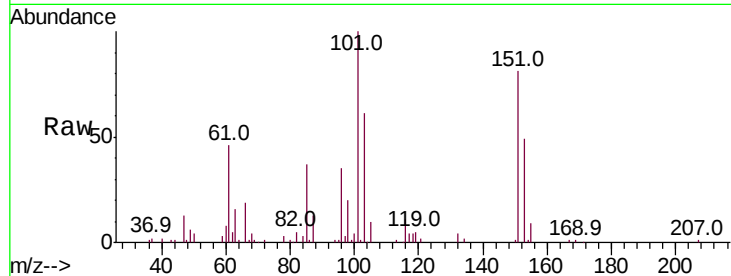
Tot Ion:101 Resp: 135428

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

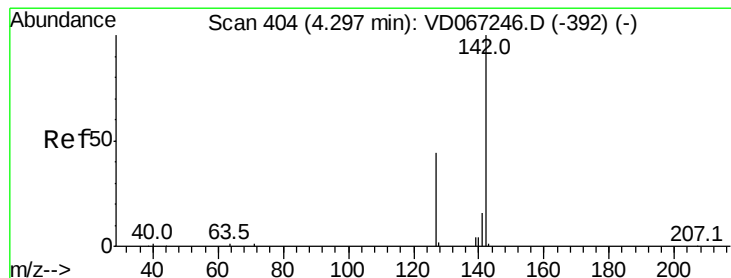
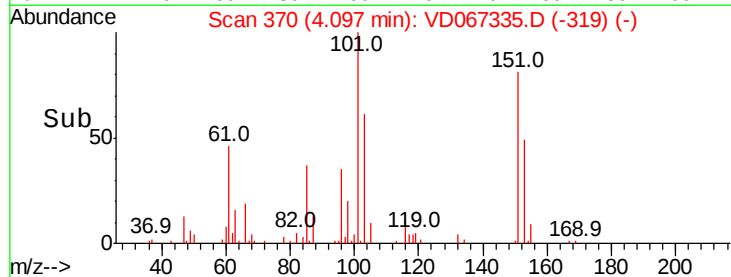
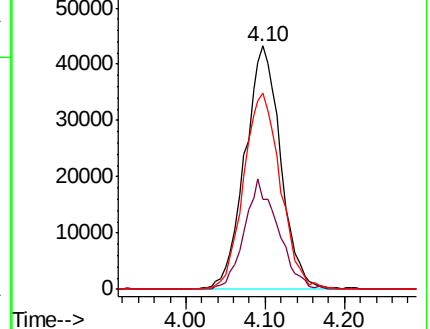
151 83.2 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.739 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

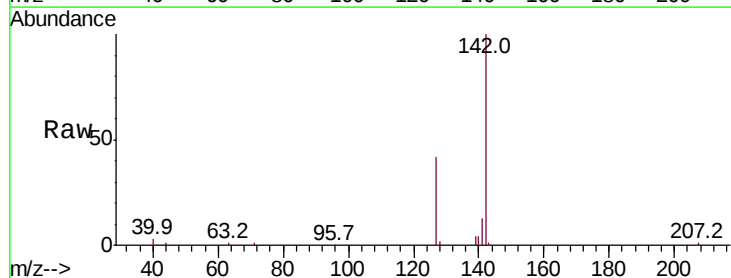
Tgt Ion:142 Resp: 139101

Ion Ratio Lower Upper

142 100

127 49.6 38.4 57.6

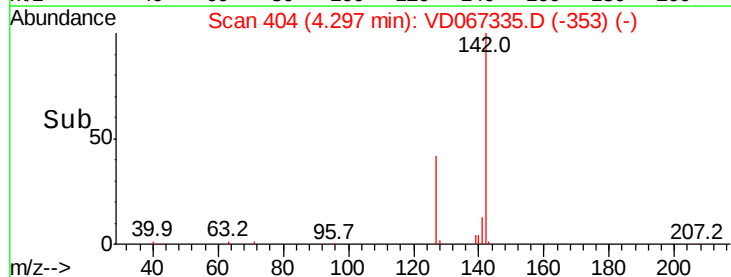
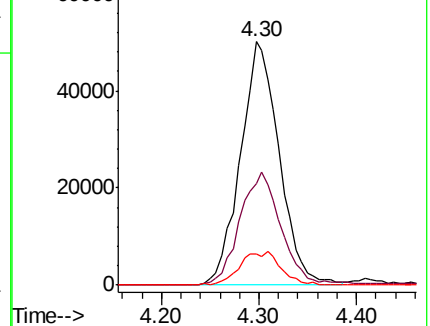
141 14.6 11.6 17.4

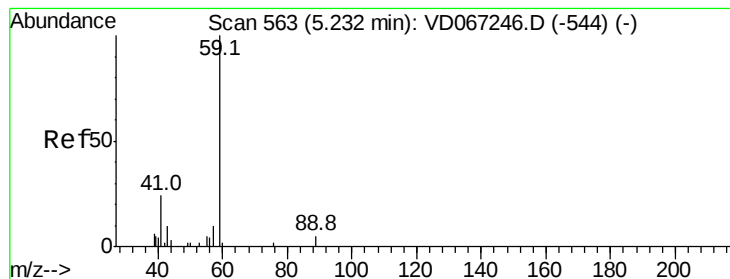


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



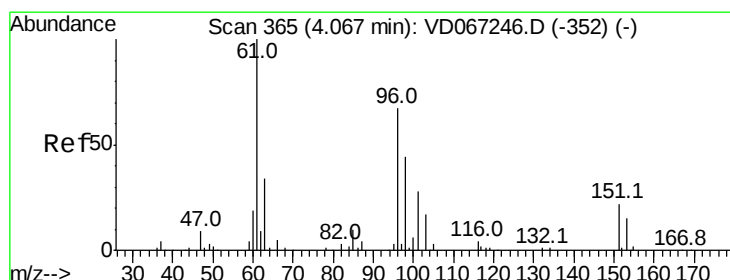
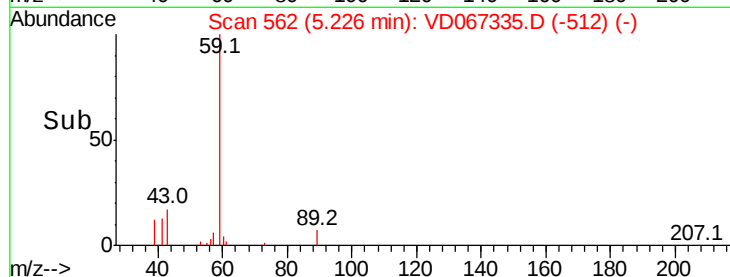
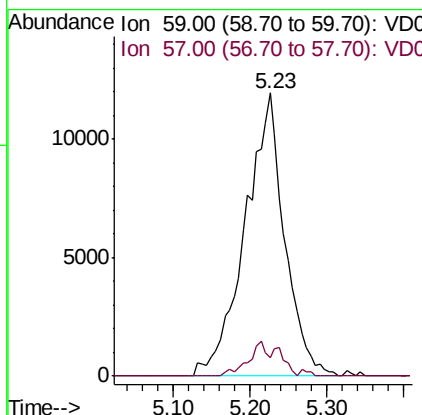
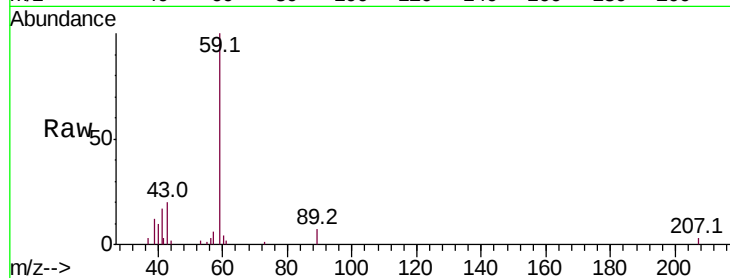


#11

Tert butyl alcohol  
 Concen: 274.960 ug/l  
 RT: 5.23 min Scan# 562  
 Delta R.T. -0.00 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

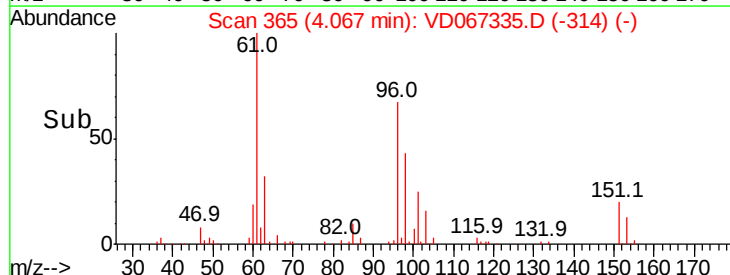
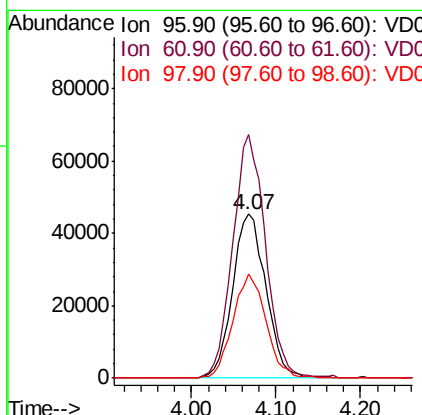
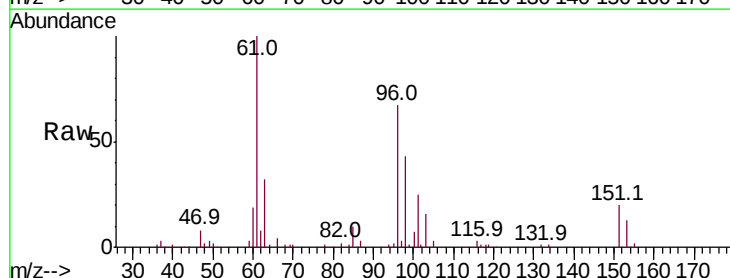
Tot Ion: 59 Resp: 42781  
 Ion Ratio Lower Upper  
 59 100  
 57 6.0 5.1 7.7

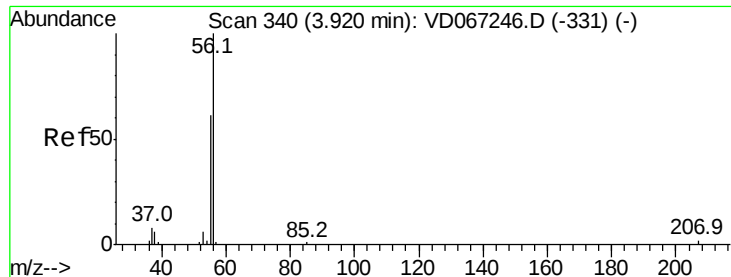


#12

1,1-Dichloroethene  
 Concen: 49.466 ug/l  
 RT: 4.07 min Scan# 365  
 Delta R.T. 0.00 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

Tgt Ion: 96 Resp: 124004  
 Ion Ratio Lower Upper  
 96 100  
 61 148.7 118.6 177.8  
 98 63.4 51.8 77.6





#13

Acrolein

Concen: 261.077 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

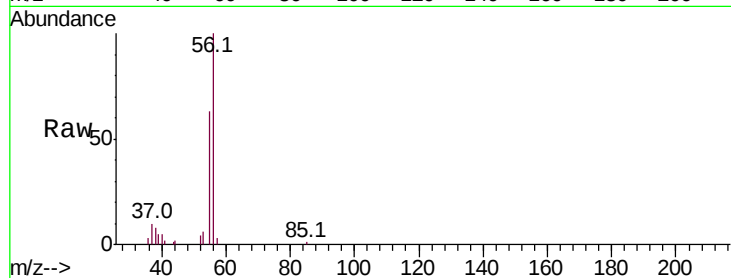
VSTDCCC050EC

Tot Ion: 56 Resp: 47673

Ion Ratio Lower Upper

56 100

55 67.0 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

20000

15000

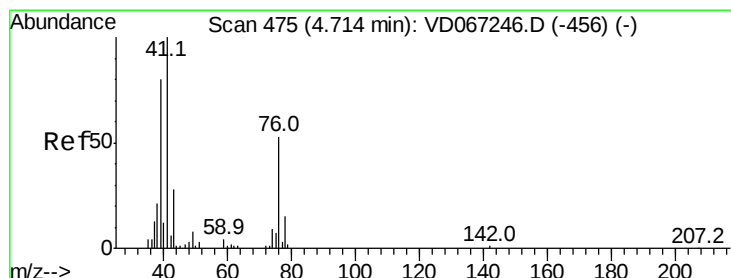
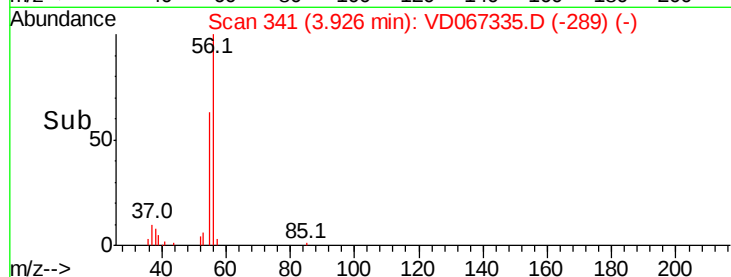
10000

5000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 50.394 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

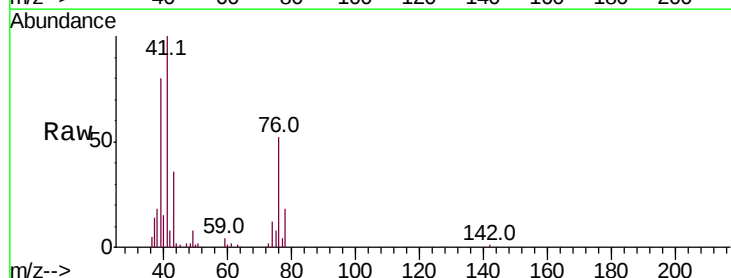
Tgt Ion: 41 Resp: 144670

Ion Ratio Lower Upper

41 100

39 81.5 63.8 95.6

76 50.1 40.4 60.6



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

60000

50000

40000

30000

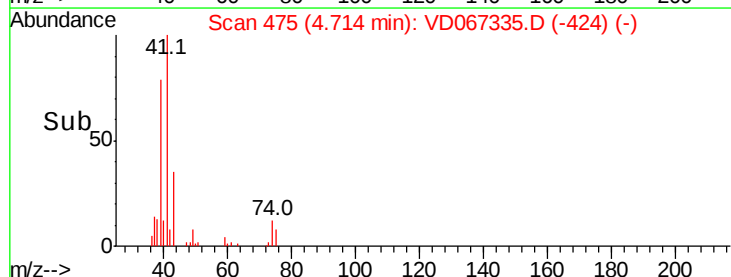
20000

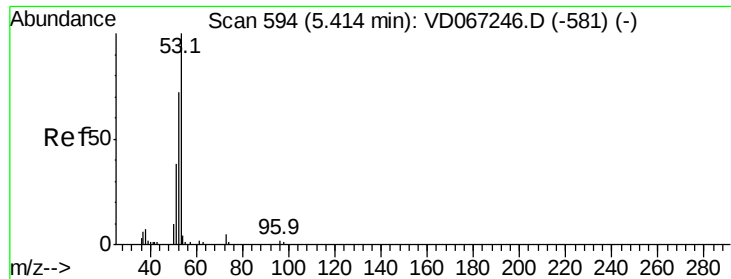
10000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 284.570 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

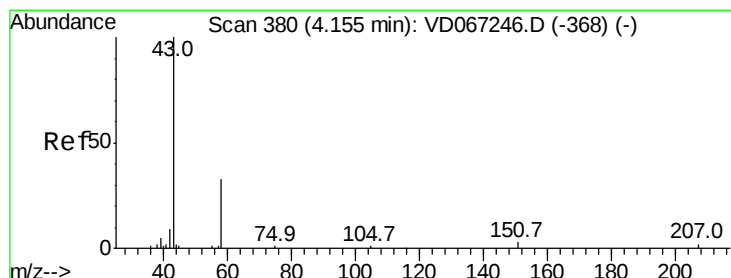
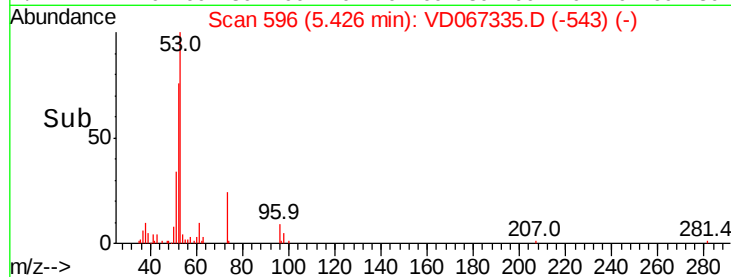
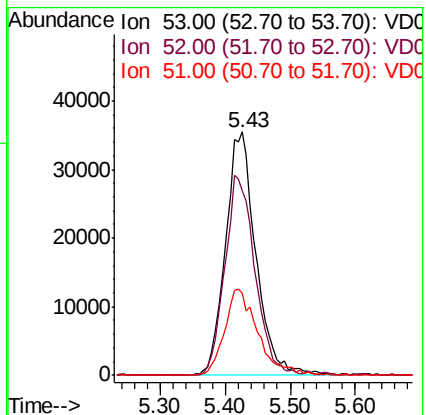
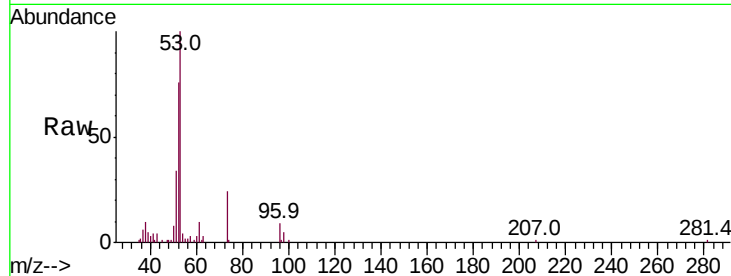
Tot Ion: 53 Resp: 114755

Ion Ratio Lower Upper

53 100

52 81.2 65.6 98.4

51 38.6 30.8 46.2



#16

Acetone

Concen: 226.108 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067335.D

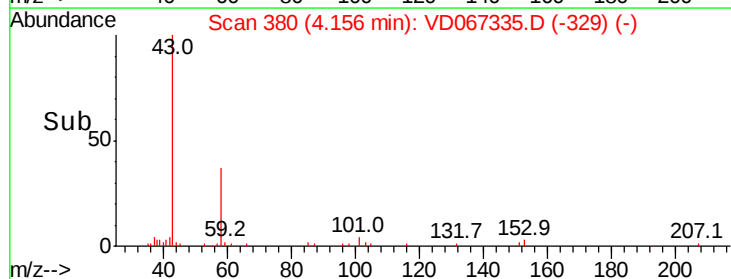
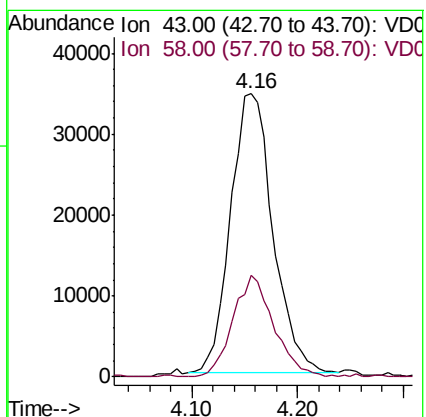
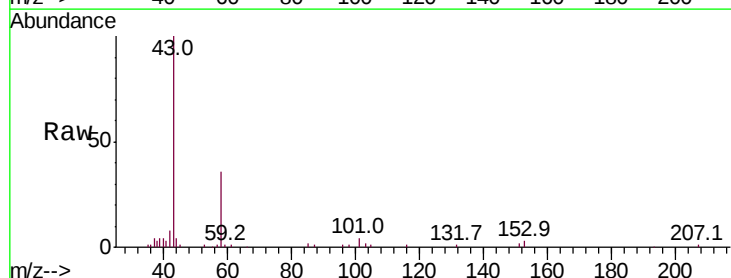
Acq: 20 Oct 2020 20:19

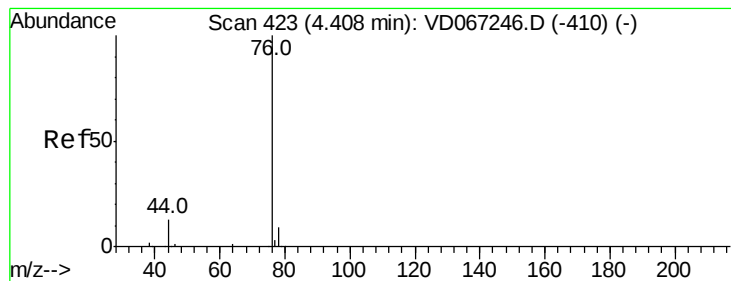
Tgt Ion: 43 Resp: 96362

Ion Ratio Lower Upper

43 100

58 36.6 26.1 39.1





#17

Carbon Disulfide

Concen: 46.518 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

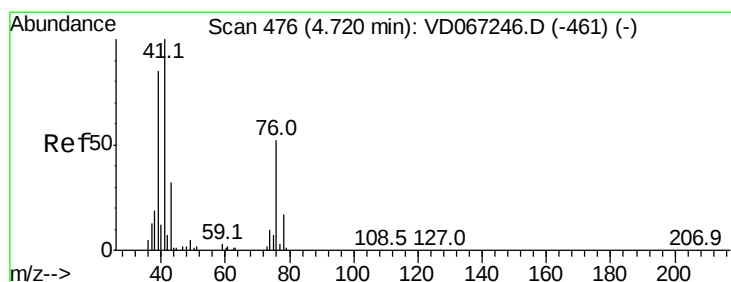
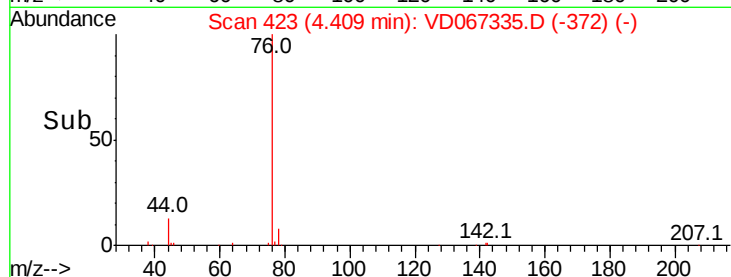
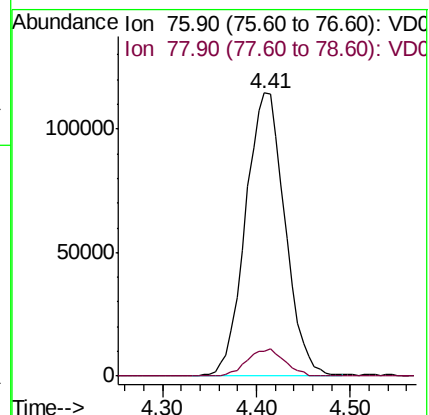
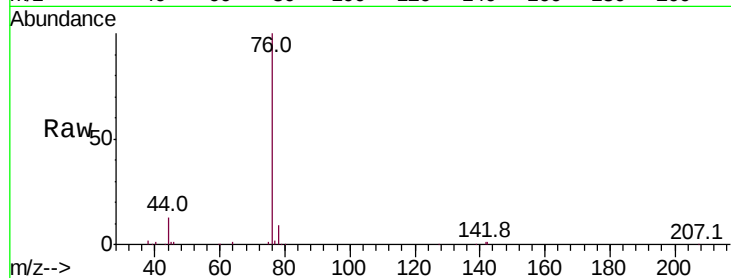
VSTDCCC050EC

Tot Ion: 76 Resp: 332440

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



#18

Methyl Acetate

Concen: 55.843 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067335.D

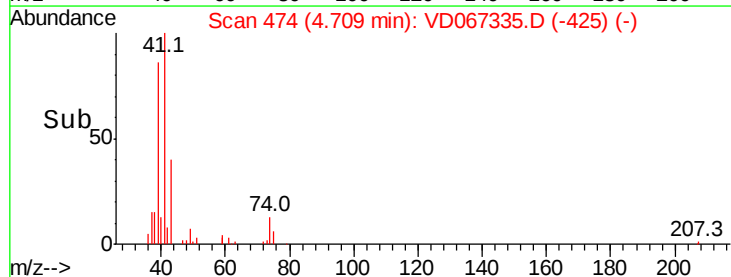
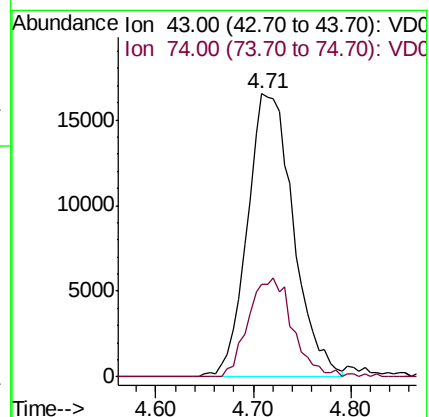
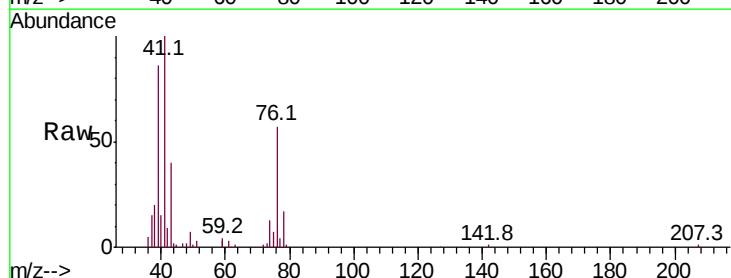
Acq: 20 Oct 2020 20:19

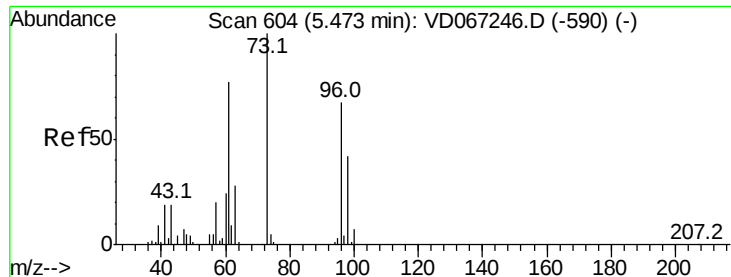
Tgt Ion: 43 Resp: 54282

Ion Ratio Lower Upper

43 100

74 33.5 26.6 39.8





#19

Methyl tert-butyl Ether

Concen: 55.359 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

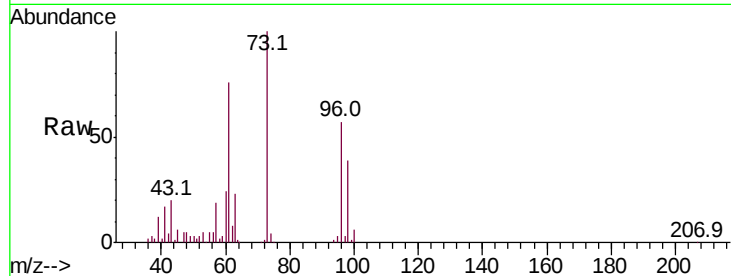
VSTDCCC050EC

Tot Ion: 73 Resp: 275943

Ion Ratio Lower Upper

73 100

57 19.2 15.7 23.5



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

80000

60000

40000

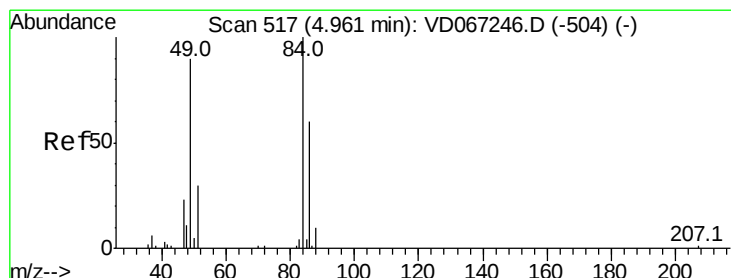
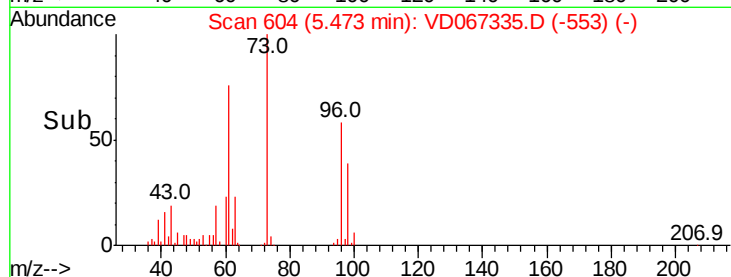
20000

0

5.47

5.30 5.40 5.50 5.60

Time-->



#20

Methylene Chloride

Concen: 55.648 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Tgt Ion: 84 Resp: 150527

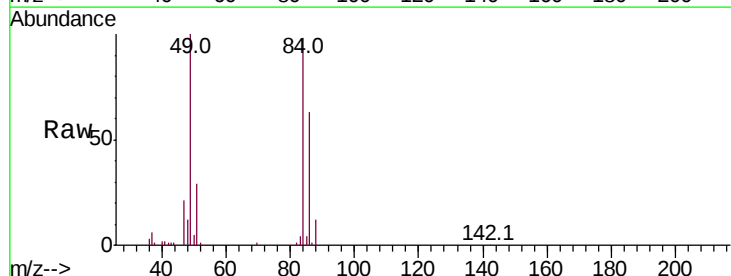
Ion Ratio Lower Upper

84 100

49 101.9 72.2 108.2

51 29.7 23.8 35.8

86 64.6 48.2 72.4



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

80000

60000

40000

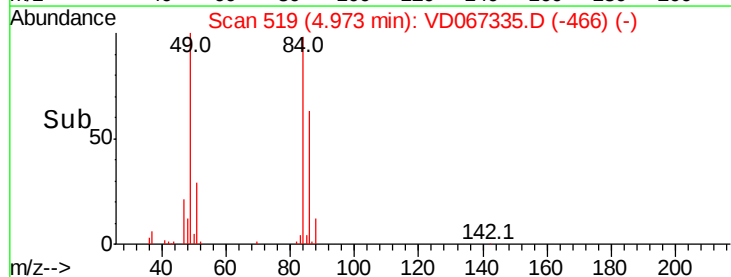
20000

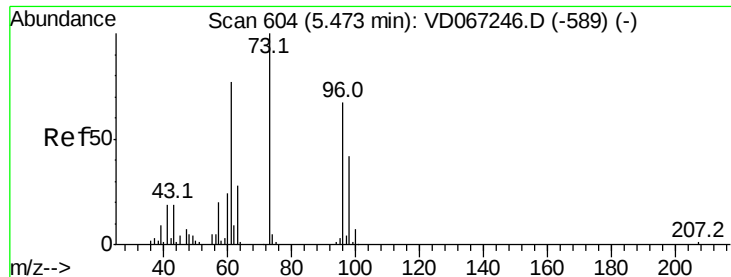
0

4.97

4.80 4.90 5.00 5.10

Time-->





#21

trans-1,2-Dichloroethene

Concen: 51.492 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

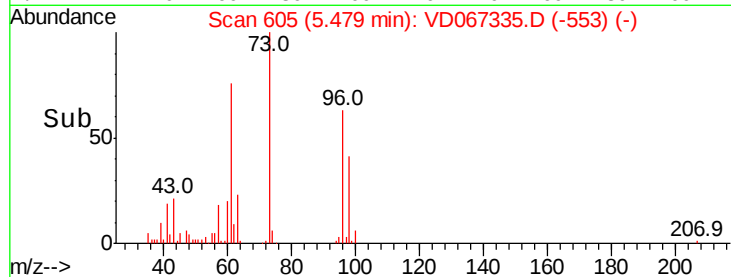
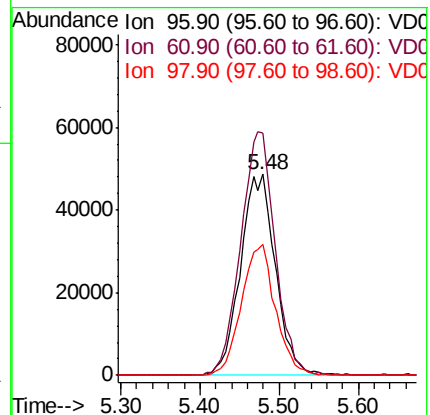
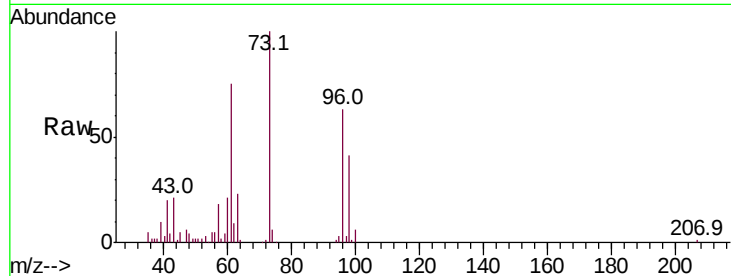
Tot Ion: 96 Resp: 148545

Ion Ratio Lower Upper

96 100

61 120.4 92.0 138.0

98 64.9 49.8 74.8



#22

Diisopropyl ether

Concen: 54.767 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Tgt Ion: 45 Resp: 287211

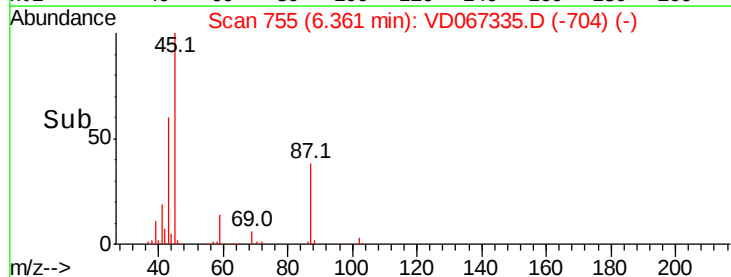
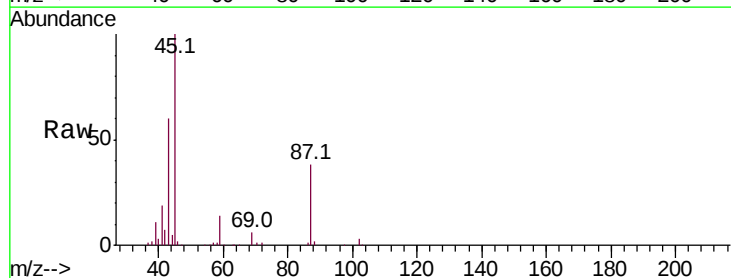
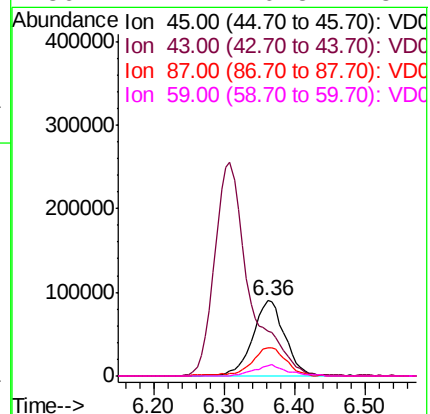
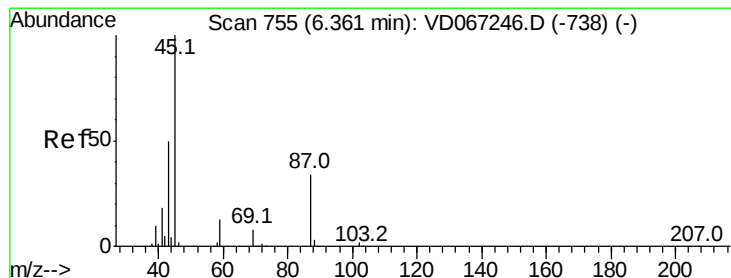
Ion Ratio Lower Upper

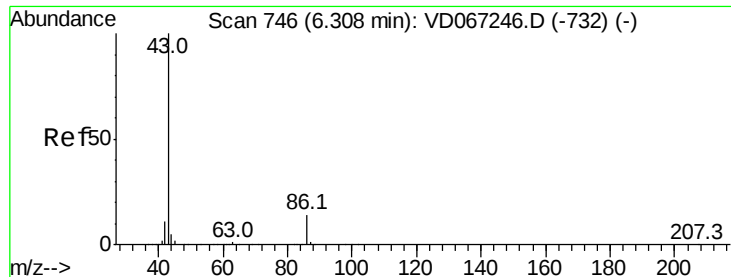
45 100

43 58.3 48.0 72.0

87 38.0 28.5 42.7

59 14.2 10.5 15.7





#23

Vinyl Acetate

Concen: 292.823 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

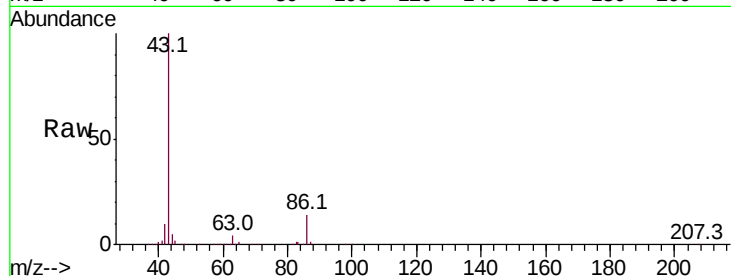
VSTDCCC050EC

Tot Ion: 43 Resp: 873656

Ion Ratio Lower Upper

43 100

86 14.3 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

300000

250000

200000

150000

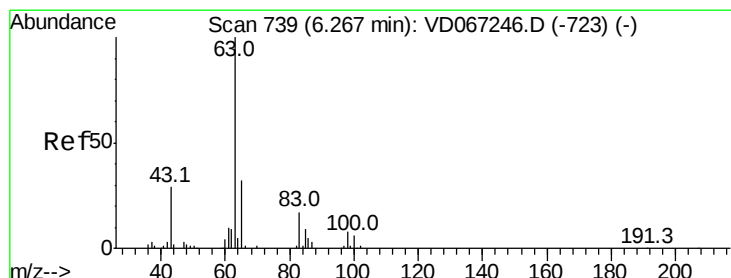
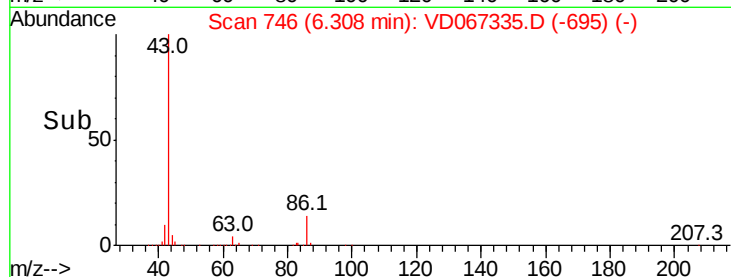
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 51.667 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

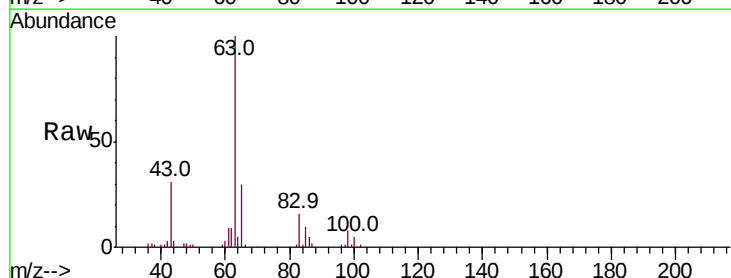
Tgt Ion: 63 Resp: 231939

Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.2

100 5.1 2.8 8.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

100000

80000

60000

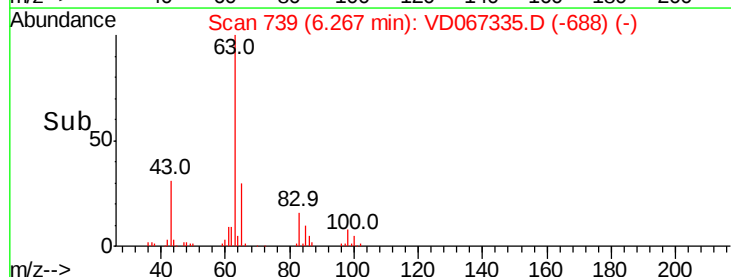
40000

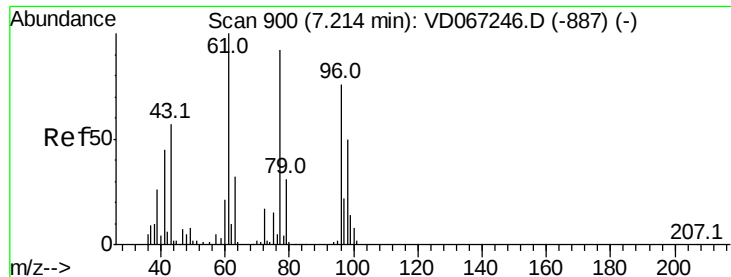
20000

0

6.10 6.20 6.30 6.40

Time-->

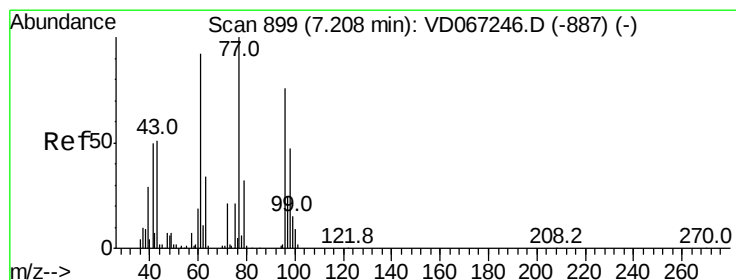
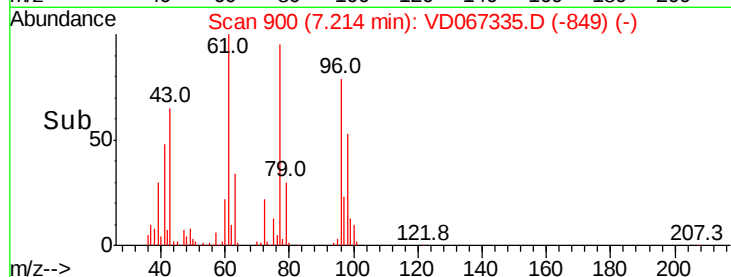
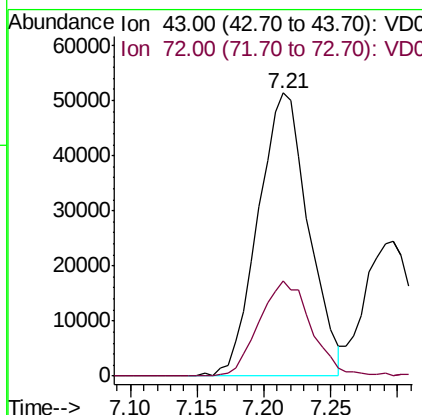
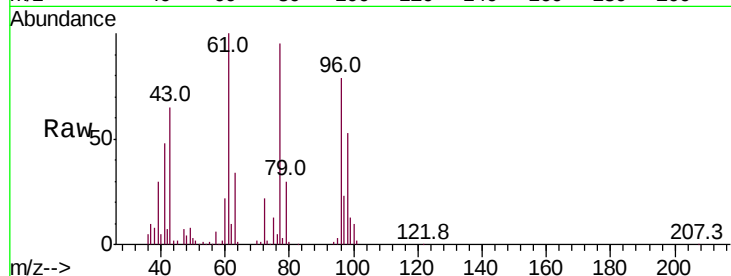




#25  
 2-Butanone  
 Concen: 277.210 ug/l  
 RT: 7.21 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

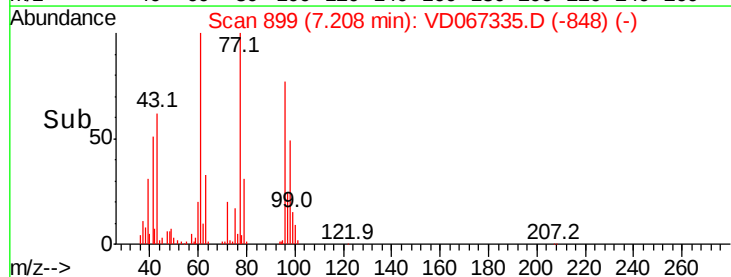
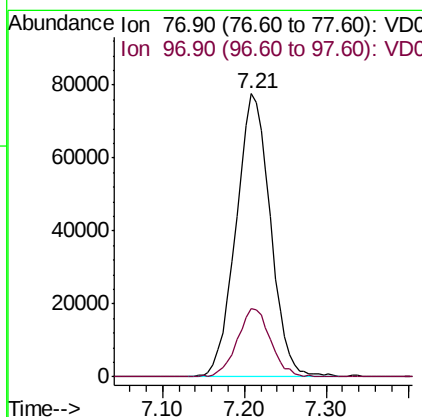
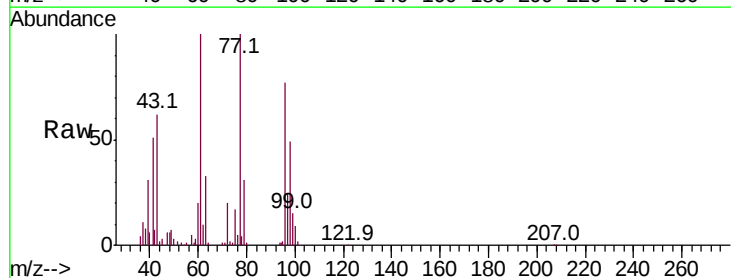
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

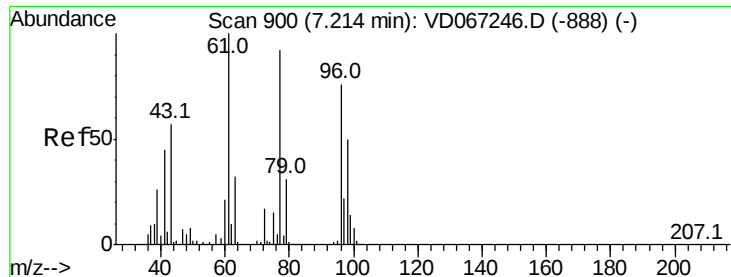
Tot Ion: 43 Resp: 134668  
 Ion Ratio Lower Upper  
 43 100  
 72 33.6 23.7 35.5



#26  
 2,2-Dichloropropane  
 Concen: 49.004 ug/l  
 RT: 7.21 min Scan# 899  
 Delta R.T. 0.00 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

Tgt Ion: 77 Resp: 226746  
 Ion Ratio Lower Upper  
 77 100  
 97 23.5 11.4 34.2



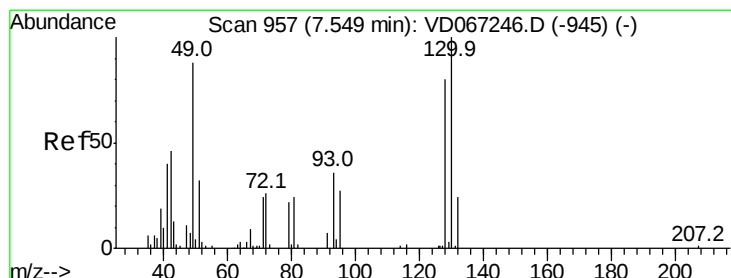
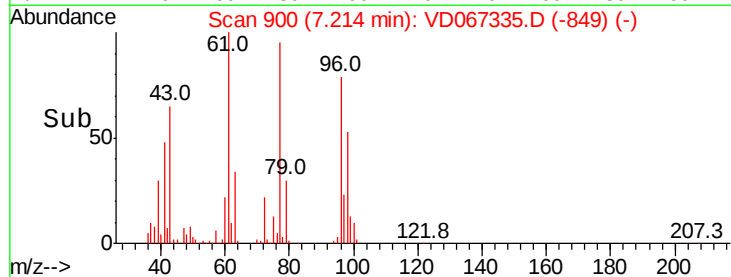
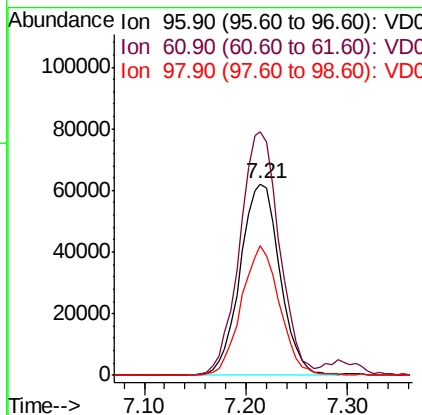
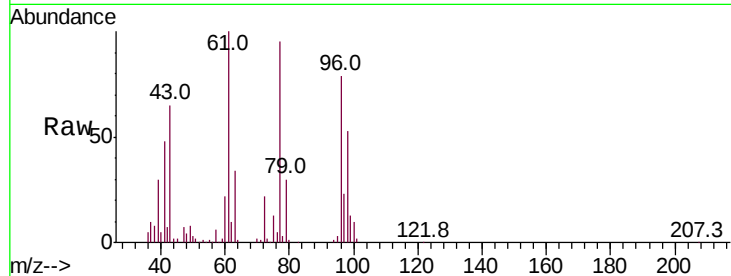


#27

cis-1,2-Dichloroethene  
Concen: 53.351 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

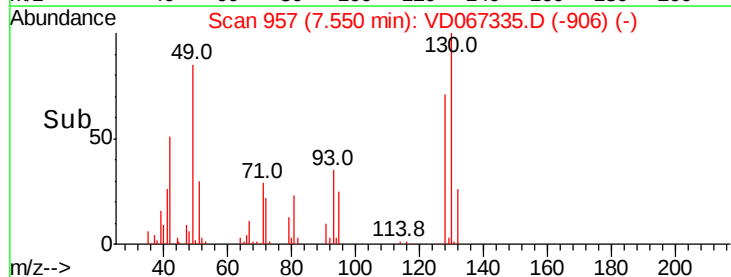
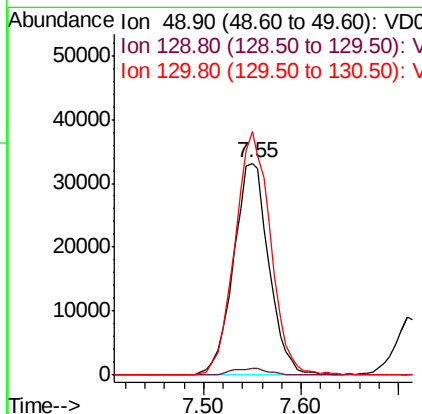
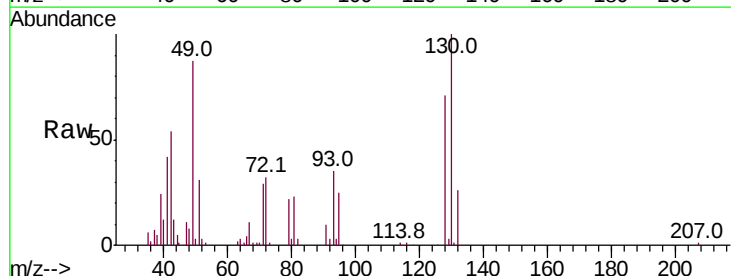
Tot Ion: 96 Resp: 168679  
Ion Ratio Lower Upper  
96 100  
61 127.4 0.0 255.4  
98 65.2 0.0 128.0

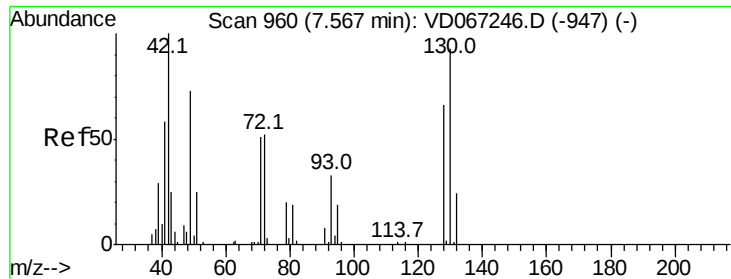


#28

Bromochloromethane  
Concen: 54.667 ug/l  
RT: 7.55 min Scan# 957  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Tgt Ion: 49 Resp: 83706  
Ion Ratio Lower Upper  
49 100  
129 3.1 0.0 1.6#  
130 116.0 91.0 136.6

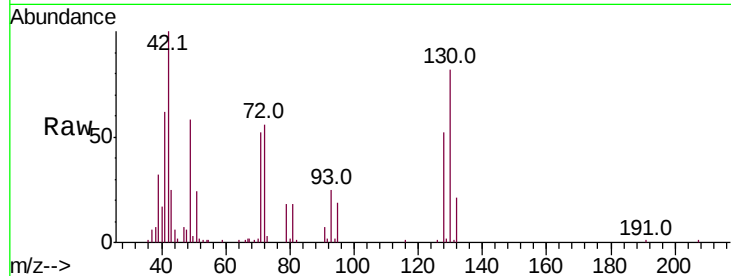




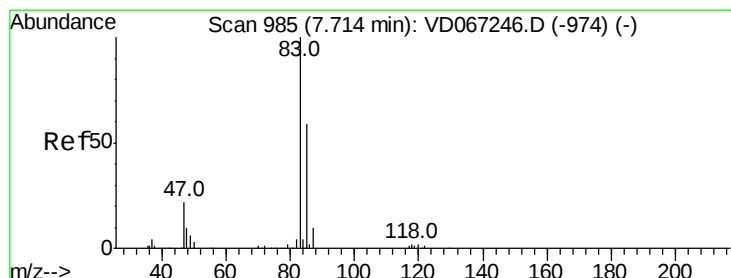
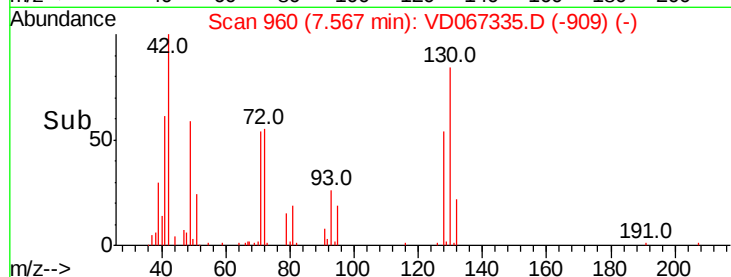
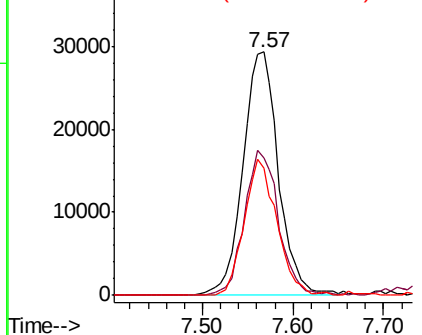
#29  
Tetrahydrofuran  
Concen: 293.828 ug/l  
RT: 7.57 min Scan# 960  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 42 Resp: 79347  
Ion Ratio Lower Upper  
42 100  
72 57.4 43.2 64.8  
71 51.1 39.4 59.0

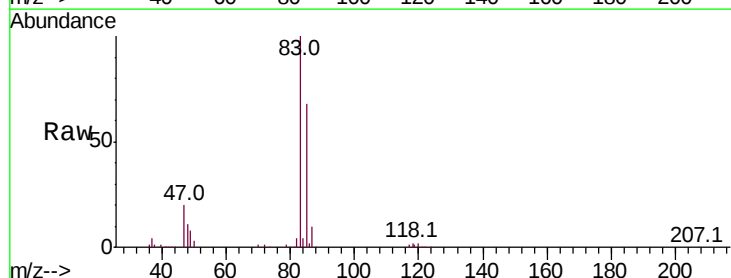


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

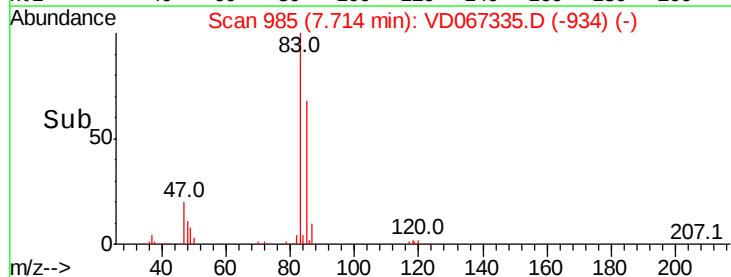
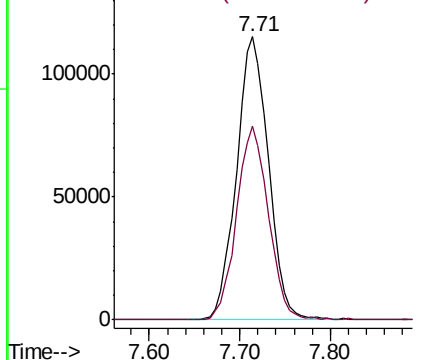


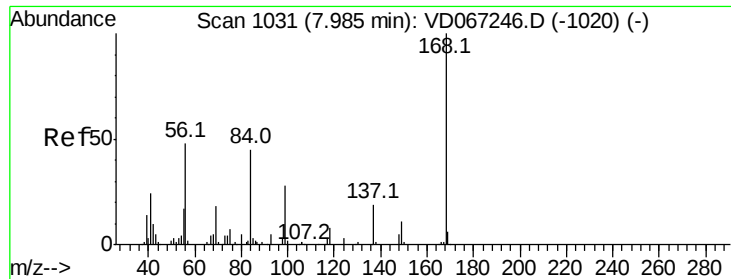
#30  
Chloroform  
Concen: 52.567 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Tgt Ion: 83 Resp: 281902  
Ion Ratio Lower Upper  
83 100  
85 68.4 47.3 70.9



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

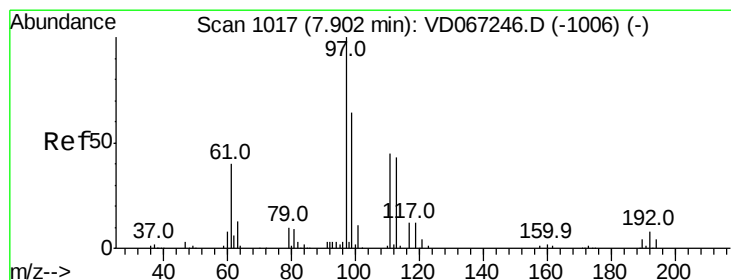
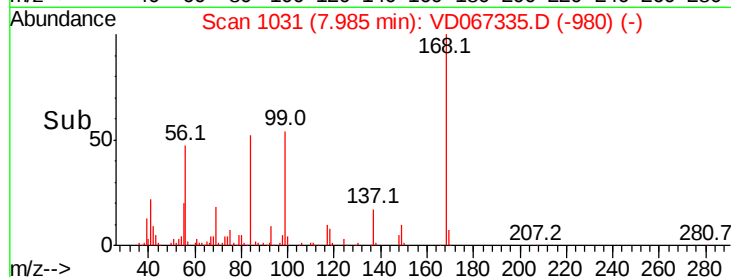
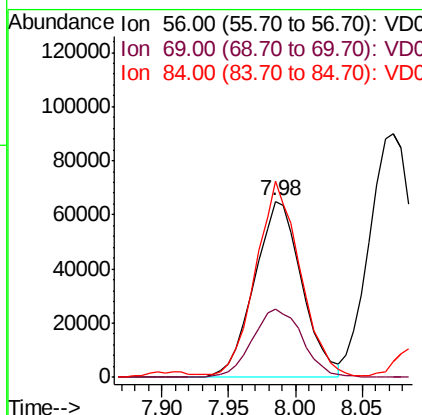
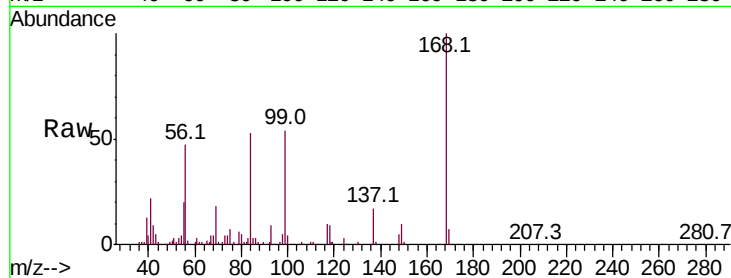




#31  
Cyclohexane  
Concen: 45.912 ug/l  
RT: 7.98 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

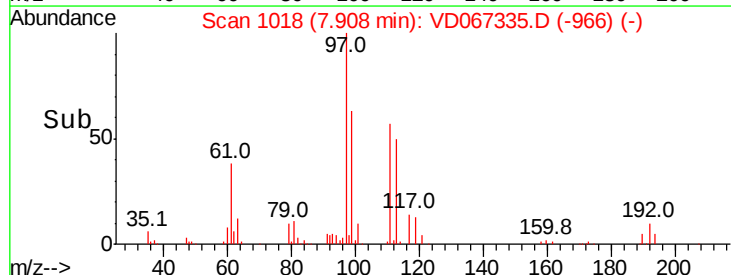
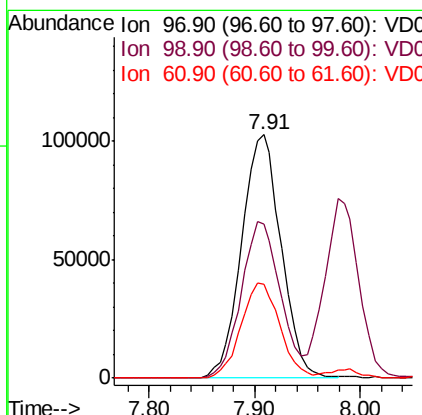
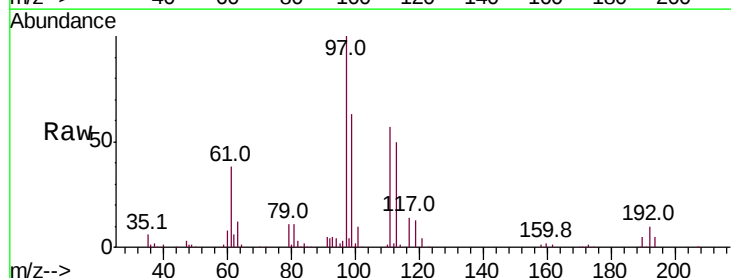
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

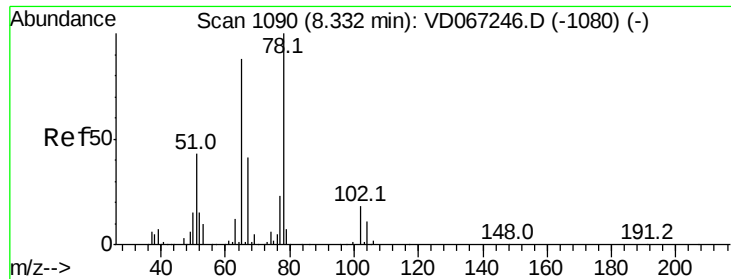
Tot Ion: 56 Resp: 160918  
Ion Ratio Lower Upper  
56 100  
69 38.8 29.8 44.6  
84 109.5 76.6 114.8



#32  
1,1,1-Trichloroethane  
Concen: 50.747 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. 0.01 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Tgt Ion: 97 Resp: 267017  
Ion Ratio Lower Upper  
97 100  
99 63.2 50.2 75.4  
61 38.1 30.5 45.7

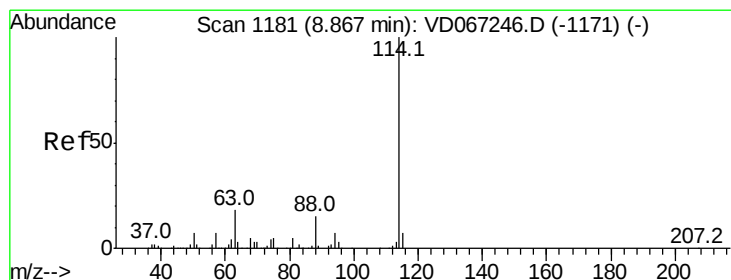
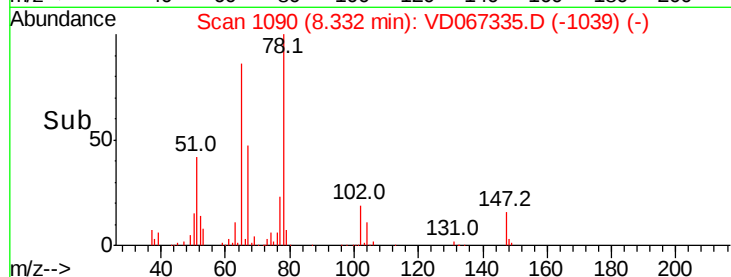
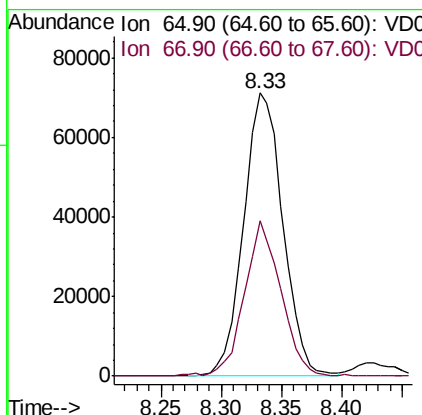
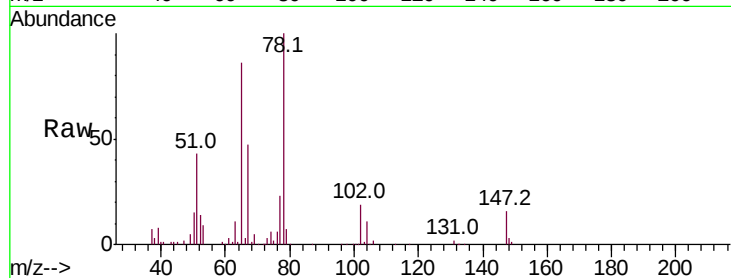




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.965 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. 0.00 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

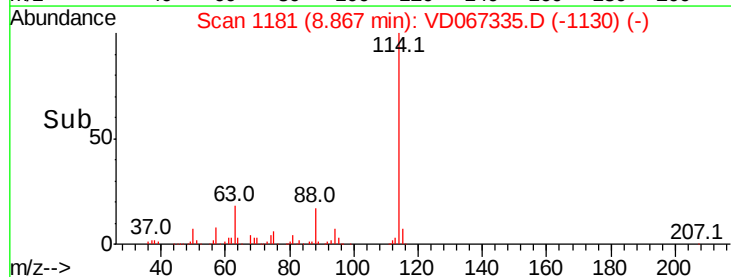
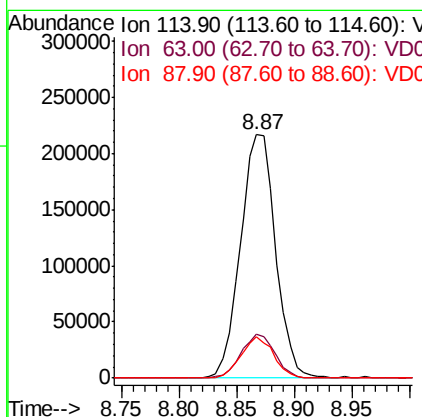
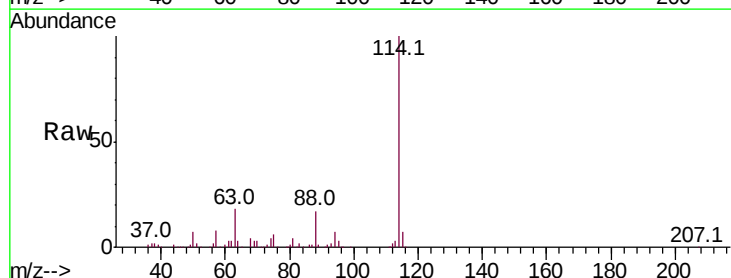
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

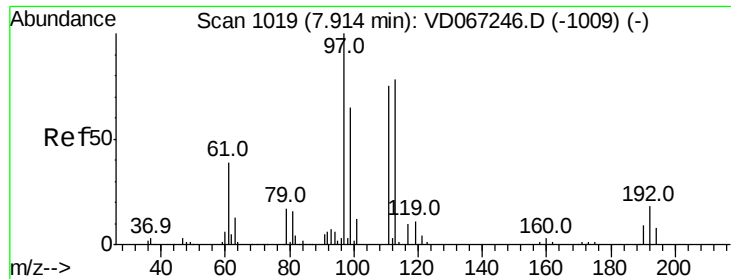
Tot Ion: 65 Resp: 161175  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. 0.00 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

Tgt Ion: 114 Resp: 458401  
 Ion Ratio Lower Upper  
 114 100  
 63 17.9 0.0 35.0  
 88 16.9 0.0 30.6

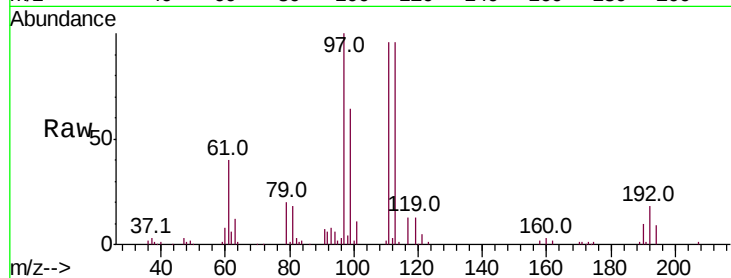




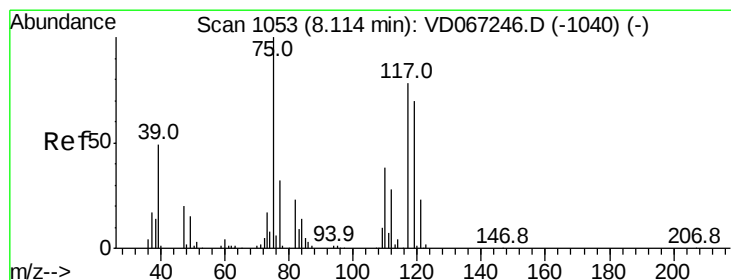
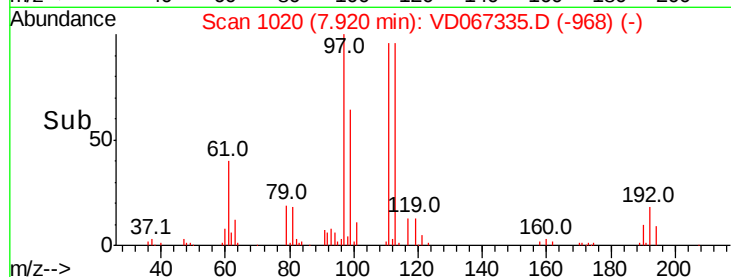
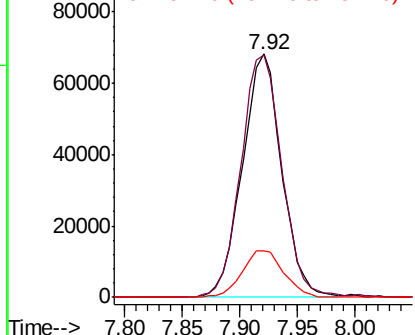
#35  
 Dibromofluoromethane  
 Concen: 53.095 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.01 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:113 Resp: 161975  
 Ion Ratio Lower Upper  
 113 100  
 111 103.6 81.6 122.4  
 192 20.3 17.0 25.4

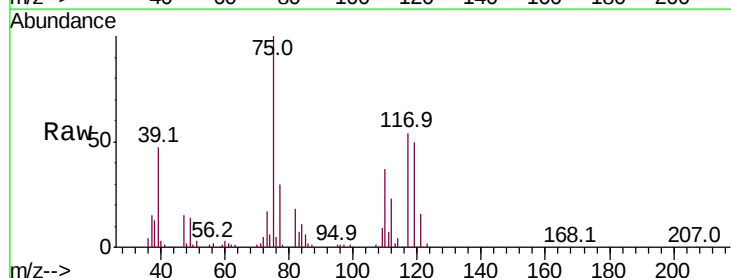


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

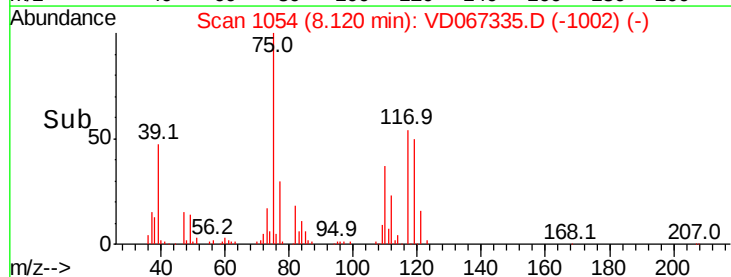
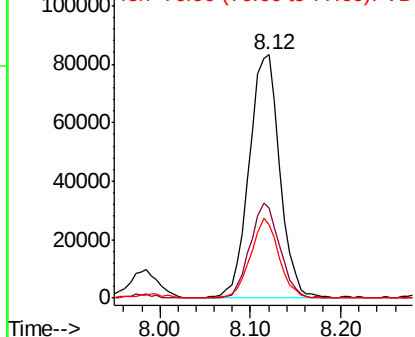


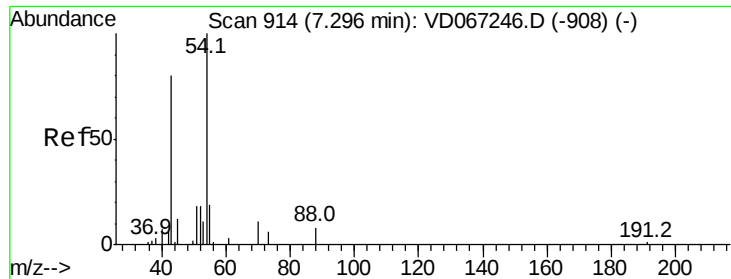
#36  
 1,1-Dichloropropene  
 Concen: 50.149 ug/l  
 RT: 8.12 min Scan# 1054  
 Delta R.T. 0.01 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

Tgt Ion: 75 Resp: 194840  
 Ion Ratio Lower Upper  
 75 100  
 110 37.8 19.6 58.7  
 77 30.4 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 56.130 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

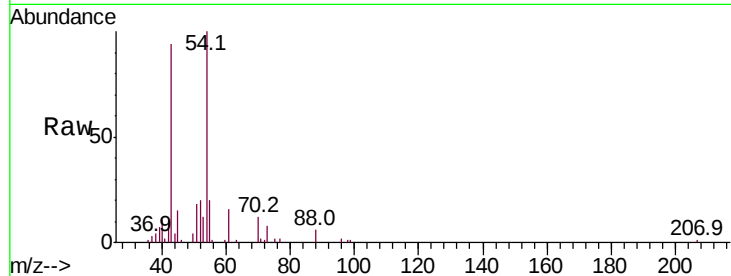
Tot Ion: 43 Resp: 64163

Ion Ratio Lower Upper

43 100

61 17.0 15.6 23.4

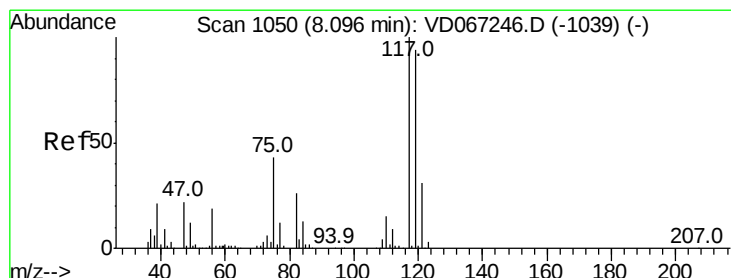
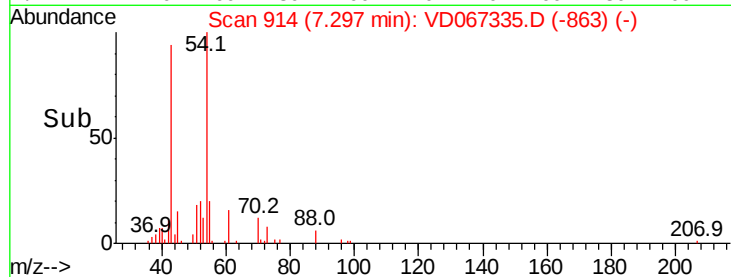
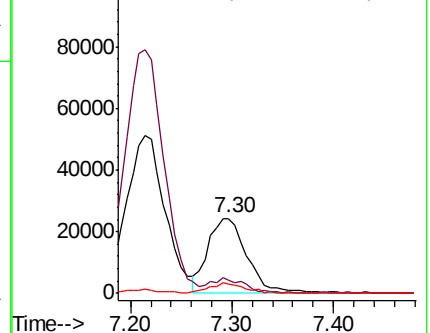
70 12.8 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 50.833 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

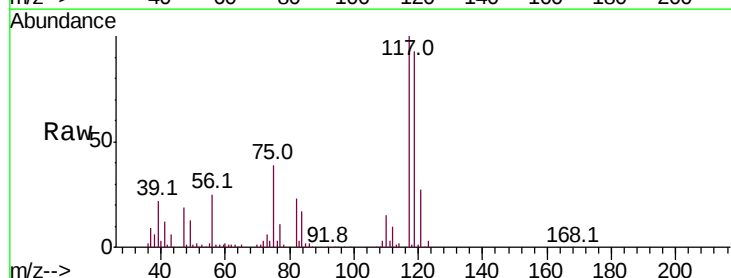
Tgt Ion: 117 Resp: 252421

Ion Ratio Lower Upper

117 100

119 93.5 75.0 112.4

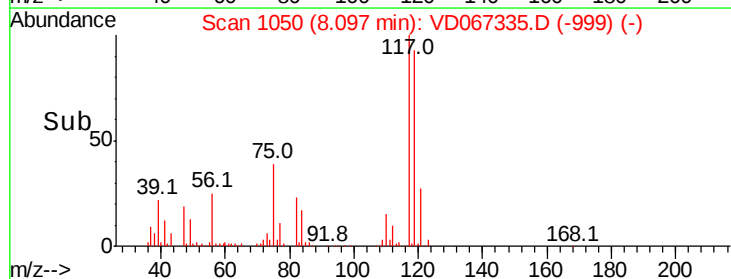
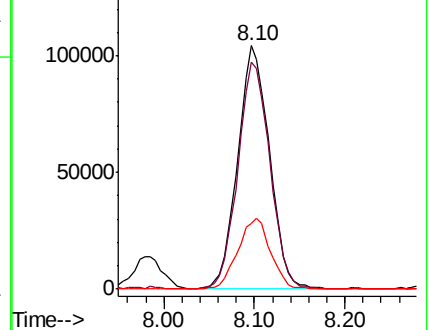
121 27.0 24.9 37.3

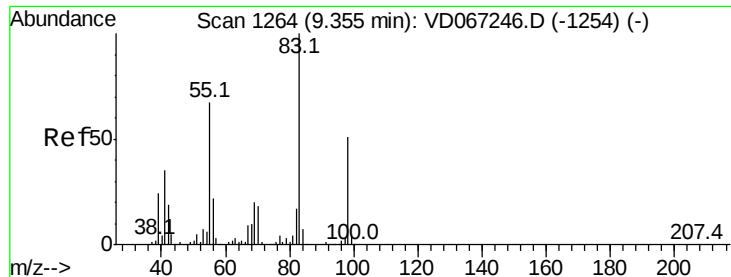


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

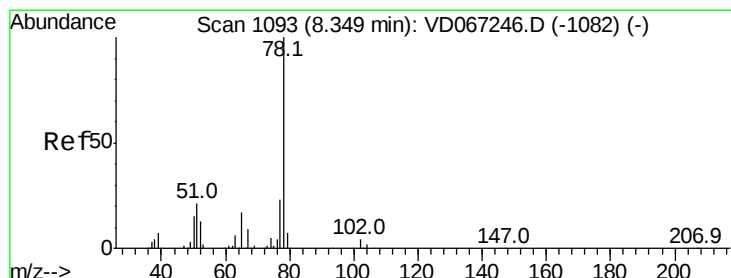
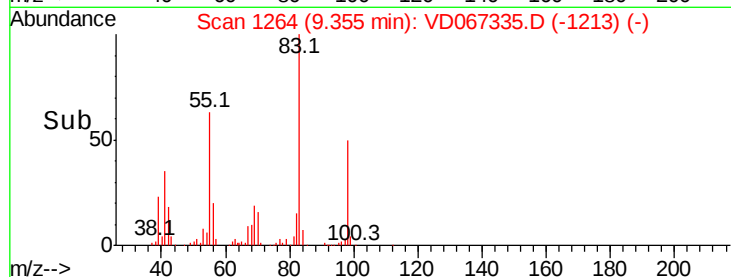
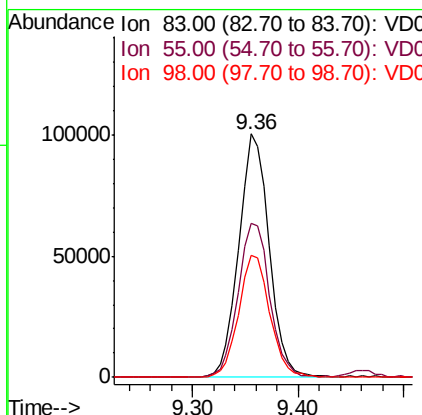
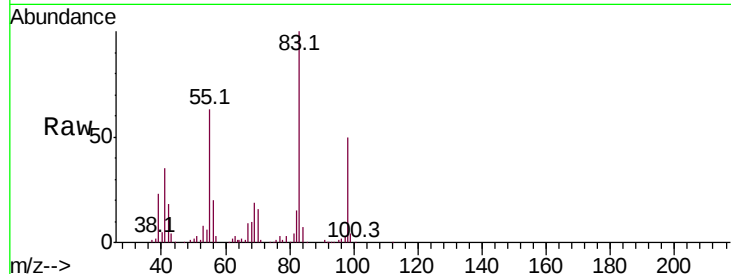




#39  
Methylvlcvclohexane  
Concen: 49.434 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

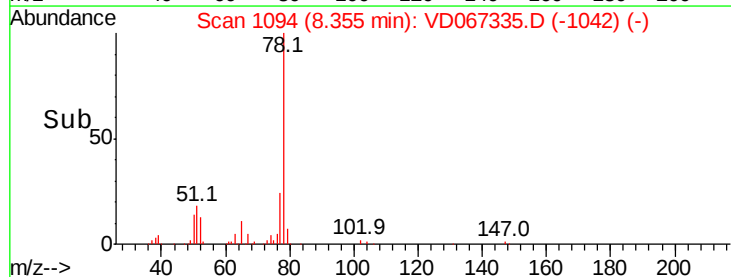
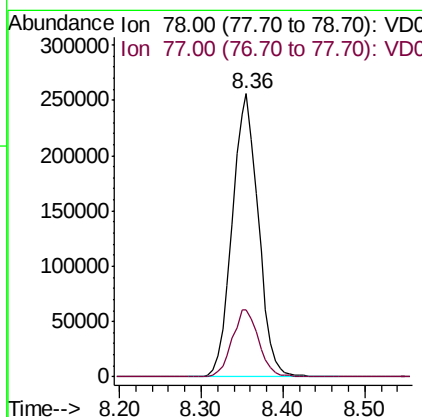
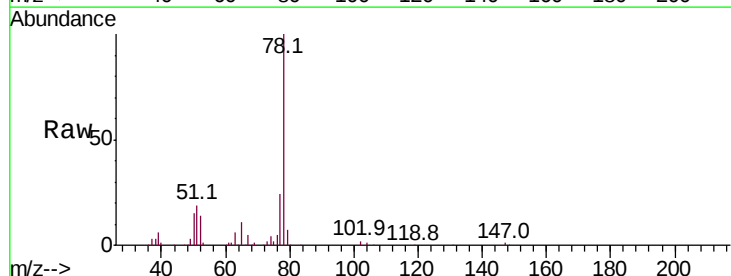
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

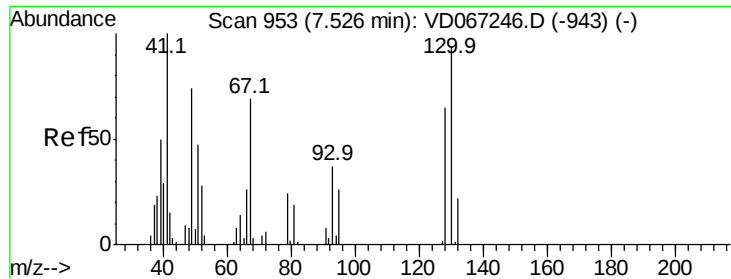
| Tot Ion   | 83    | Resp  | 200790 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 63.4  | 53.3  | 79.9   |
| 98        | 50.0  | 41.0  | 61.4   |



#40  
Benzene  
Concen: 53.279 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. 0.01 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

| Tgt Ion   | 78    | Resp  | 567892 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 23.9  | 18.3  | 27.5   |





#41

Methacrylonitrile

Concen: 57.681 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 35631

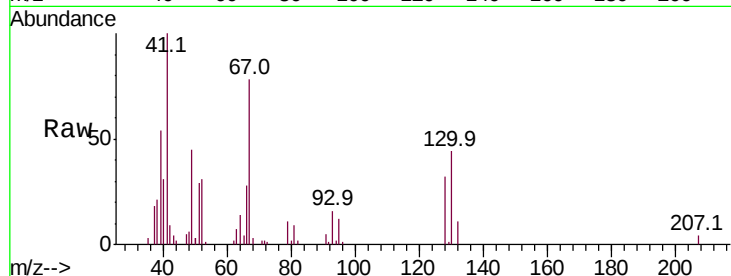
Ion Ratio Lower Upper

41 100

39 60.0 60.0 90.0

67 96.8 88.9 133.3

52 40.2 36.9 55.3

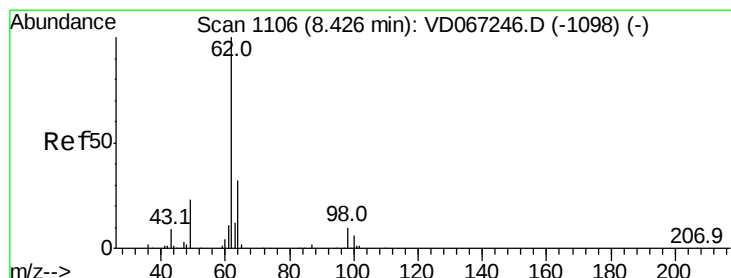
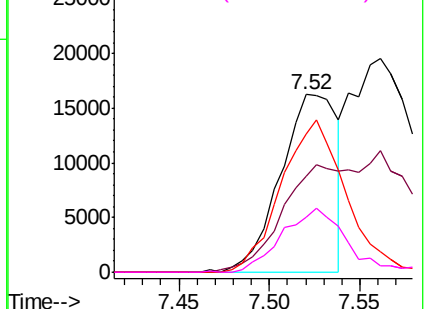
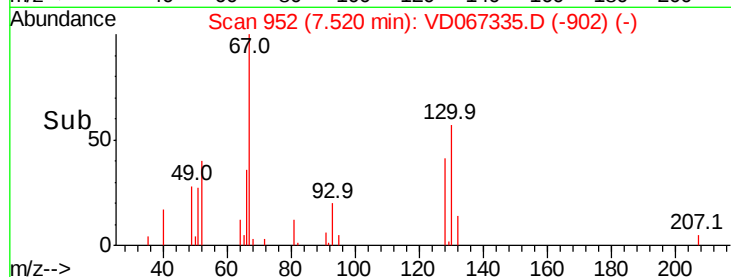


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 55.353 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067335.D

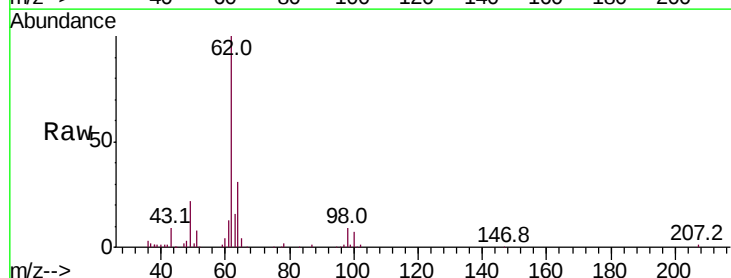
Acq: 20 Oct 2020 20:19

Tgt Ion: 62 Resp: 184639

Ion Ratio Lower Upper

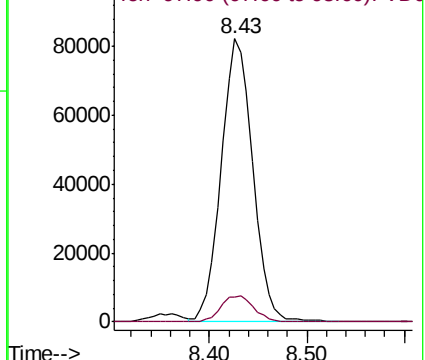
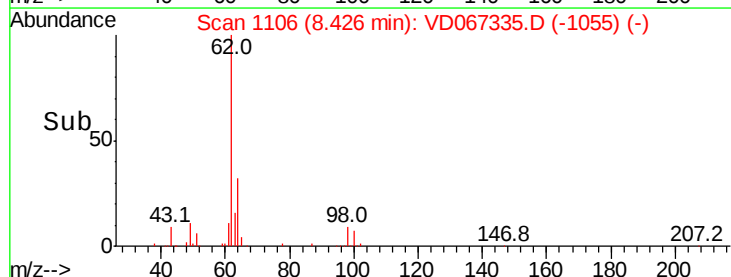
62 100

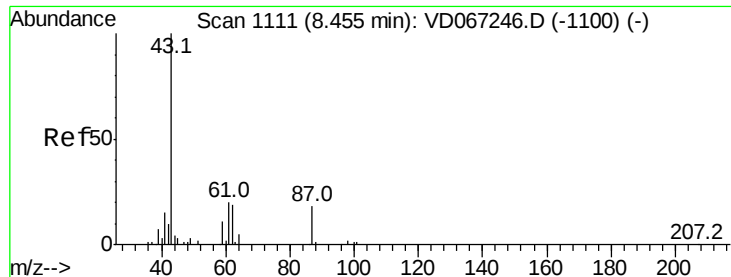
98 9.6 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 56.437 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

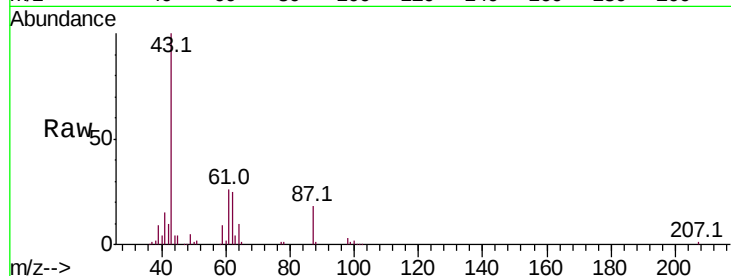
MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 128013

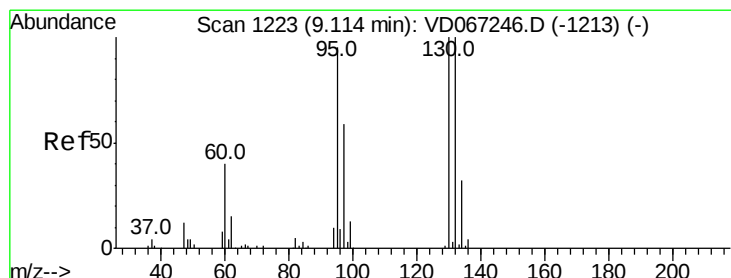
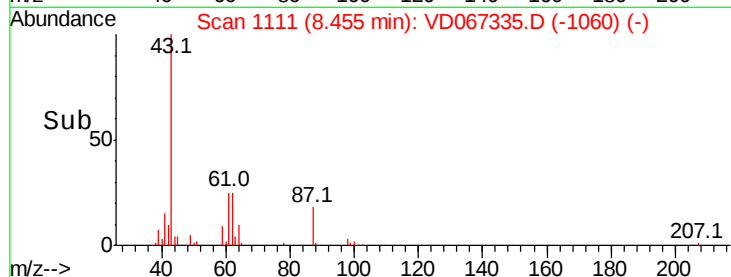
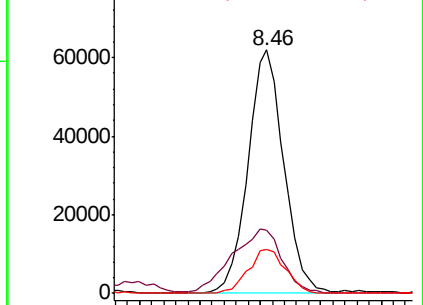
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 36.5  | 29.5  | 44.3  |
| 87  | 18.8  | 14.2  | 21.4  |



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 53.172 ug/l

RT: 9.12 min Scan# 1224

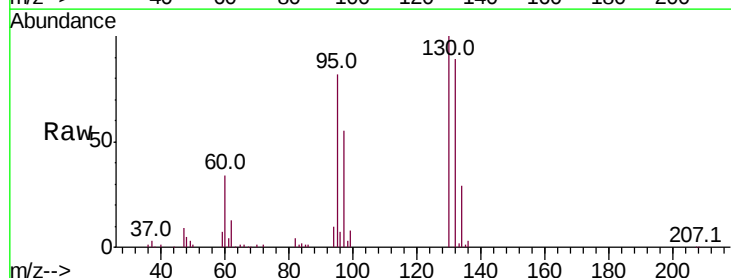
Delta R.T. 0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

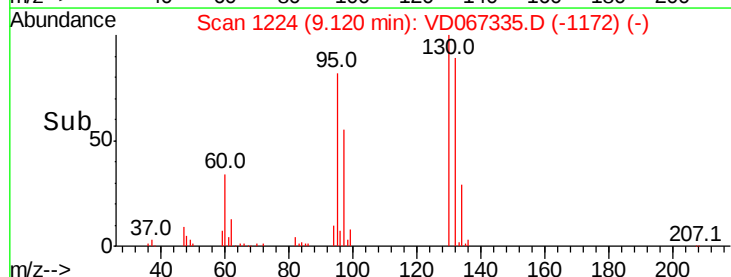
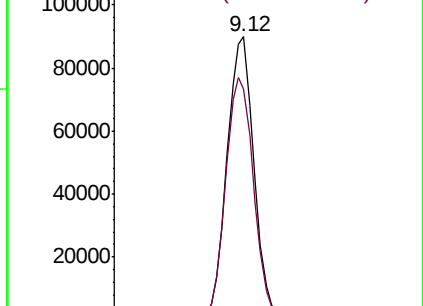
Tgt Ion: 130 Resp: 181458

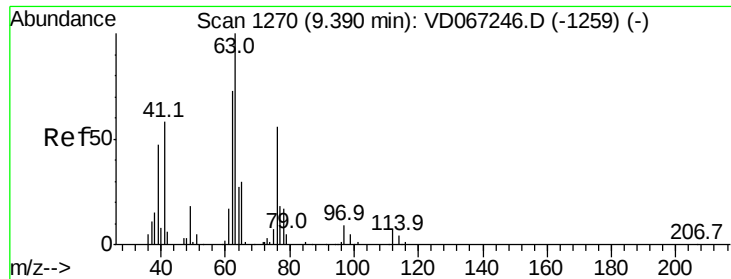
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 81.5  | 0.0   | 190.6 |



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 53.643 ug/l

RT: 9.40 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

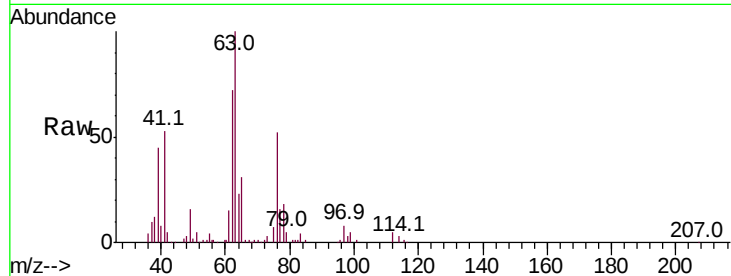
VSTDCCC050EC

Tot Ion: 63 Resp: 132512

Ion Ratio Lower Upper

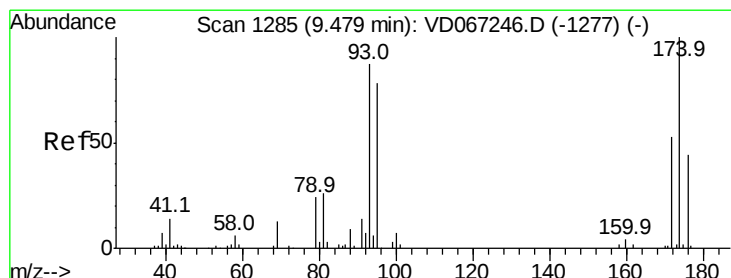
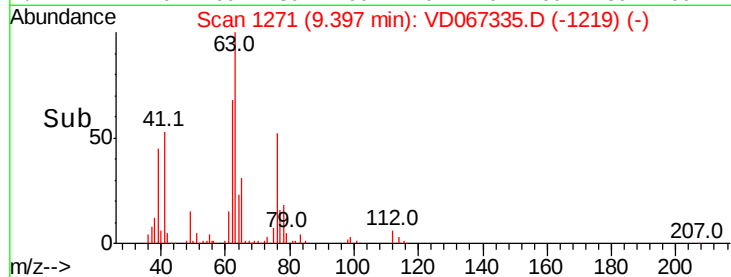
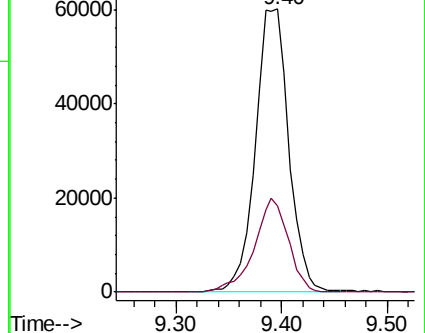
63 100

65 30.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 54.899 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

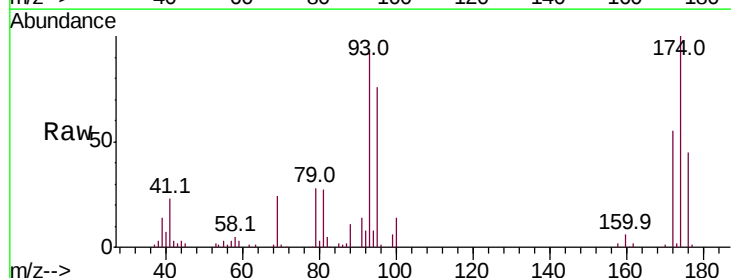
Tgt Ion: 93 Resp: 84495

Ion Ratio Lower Upper

93 100

95 82.7 68.0 102.0

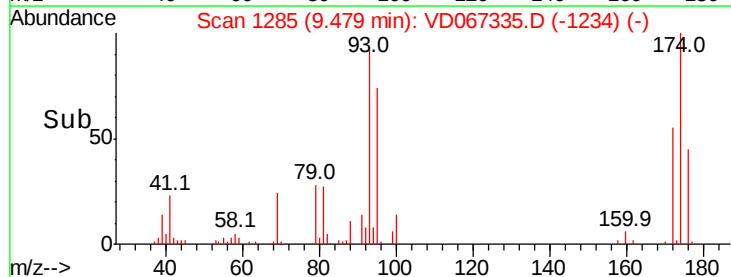
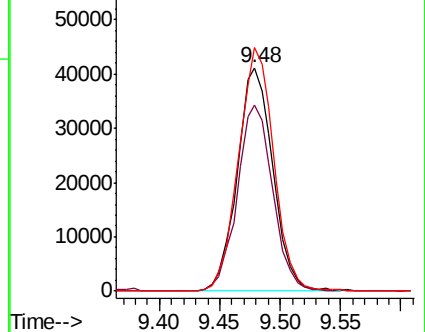
174 107.9 91.8 137.6

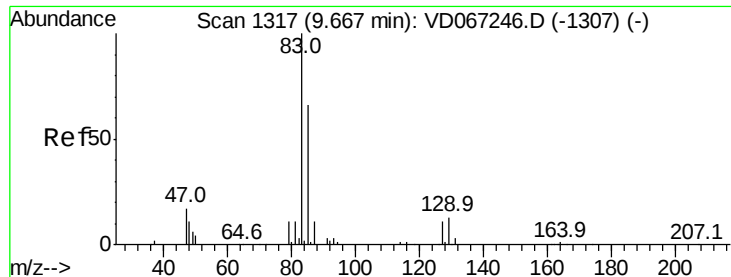


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.025 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

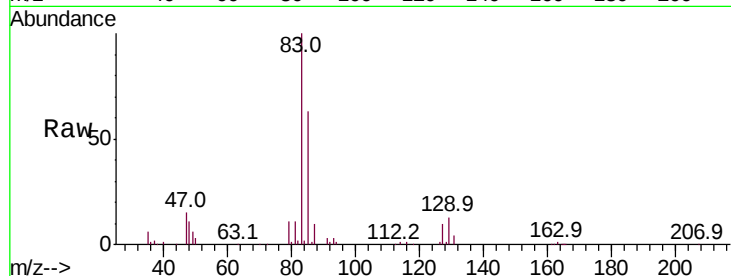
Tot Ion: 83 Resp: 226898

Ion Ratio Lower Upper

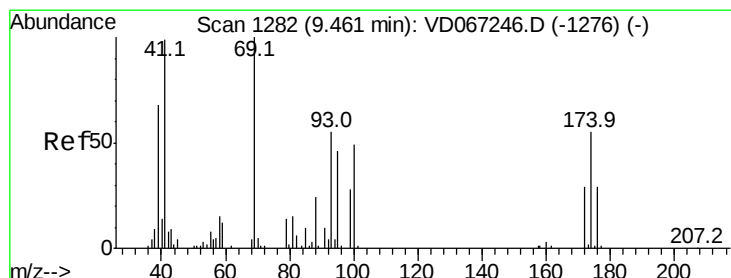
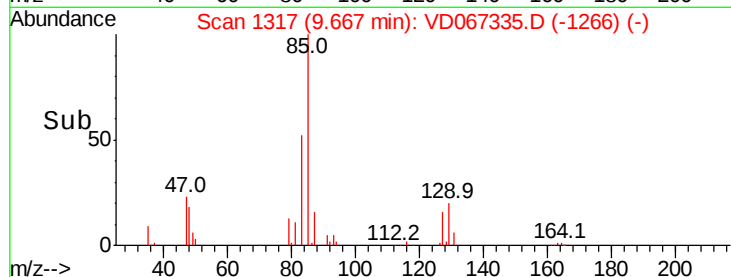
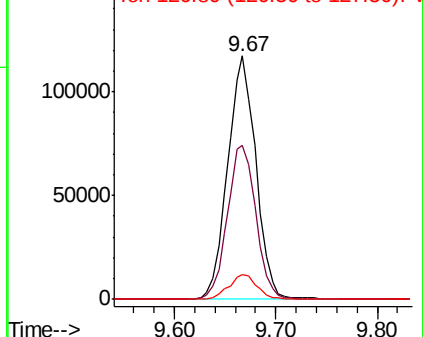
83 100

85 63.1 53.1 79.7

127 10.0 8.6 13.0



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



#48

Methyl methacrylate

Concen: 57.075 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

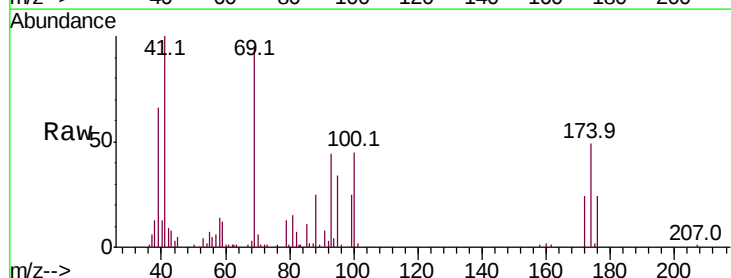
Tgt Ion: 41 Resp: 62913

Ion Ratio Lower Upper

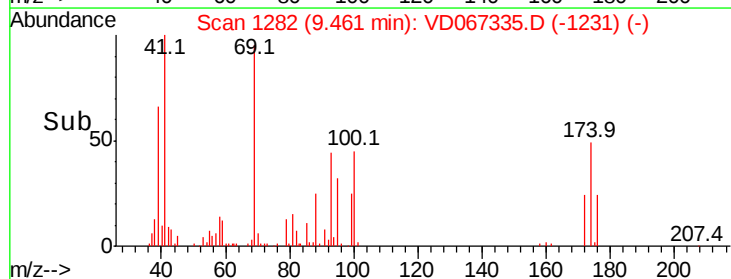
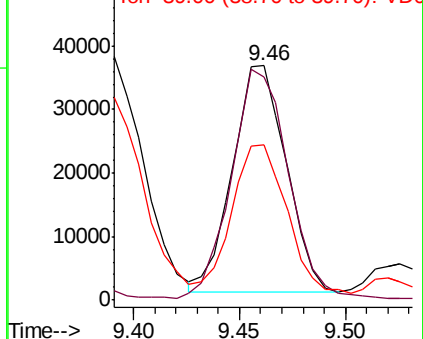
41 100

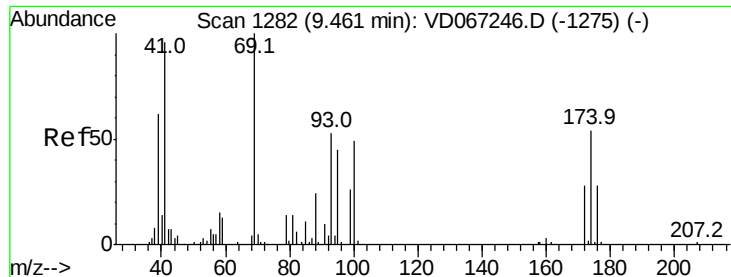
69 110.5 89.0 133.6

39 74.2 60.2 90.2



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

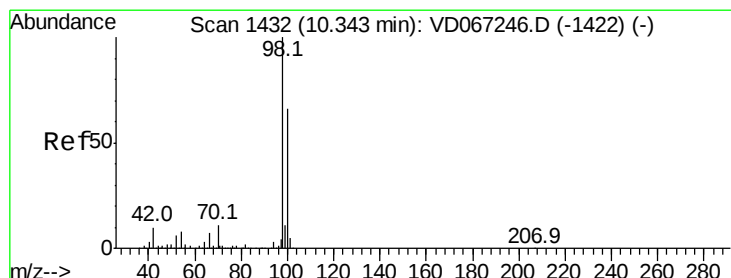
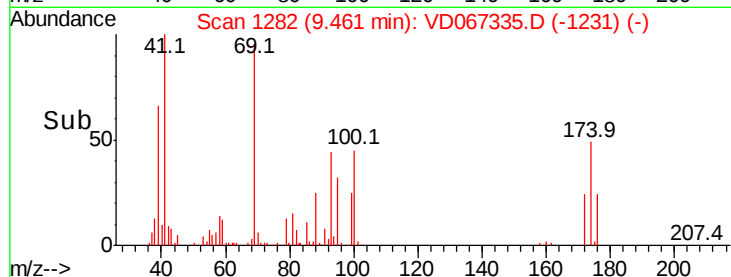
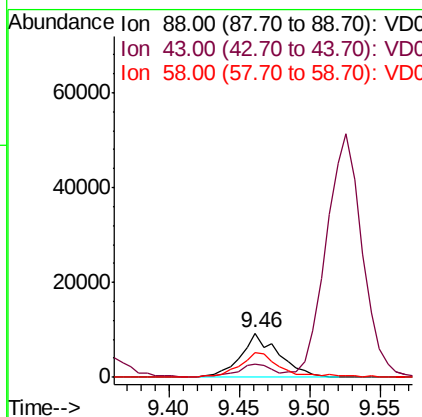
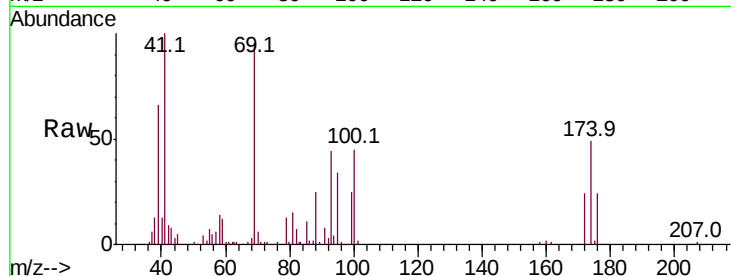




#49  
1,4-Dioxane  
Concen: 1193.306 ug/l  
RT: 9.46 min Scan# 1282  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

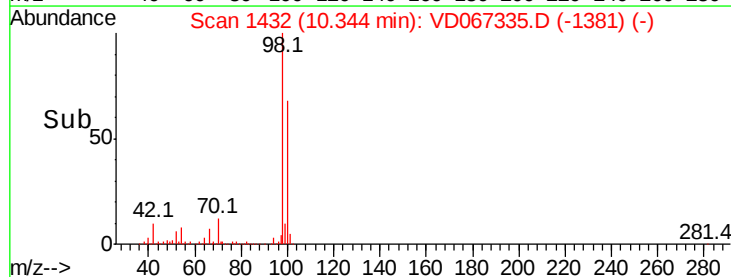
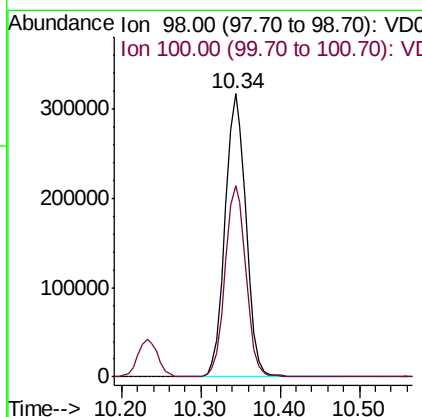
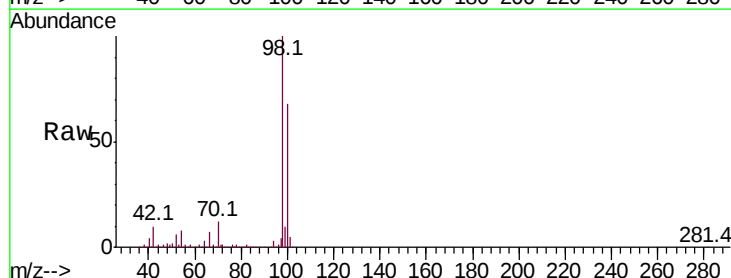
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

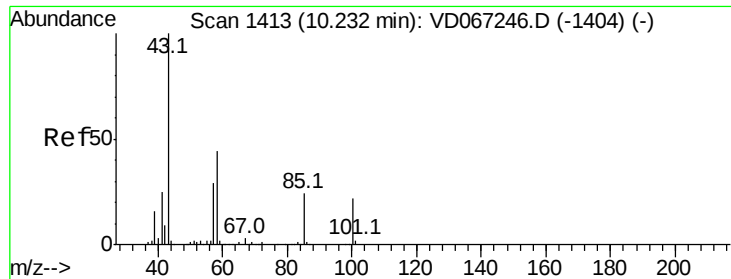
Tot Ion: 88 Resp: 17686  
Ion Ratio Lower Upper  
88 100  
43 27.8 23.9 35.9  
58 55.2 51.0 76.6



#50  
Toluene-d8  
Concen: 52.340 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Tgt Ion: 98 Resp: 577838  
Ion Ratio Lower Upper  
98 100  
100 67.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 293.448 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

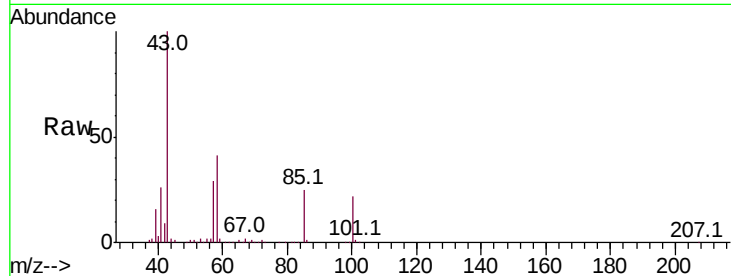
VSTDCCC050EC

Tot Ion: 43 Resp: 331985

Ion Ratio Lower Upper

43 100

58 43.8 35.7 53.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

200000

150000

100000

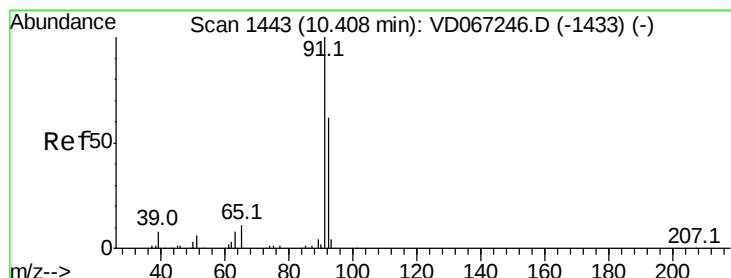
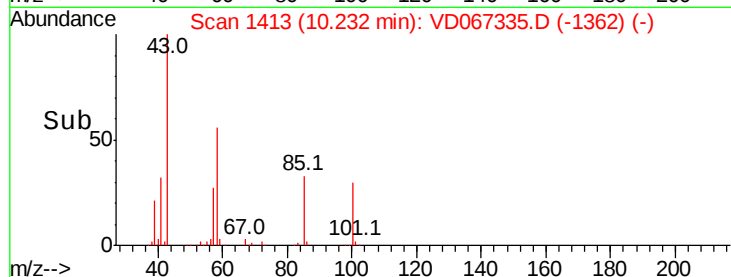
50000

0

10.20

10.30

Time-->



#52

Toluene

Concen: 53.826 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067335.D

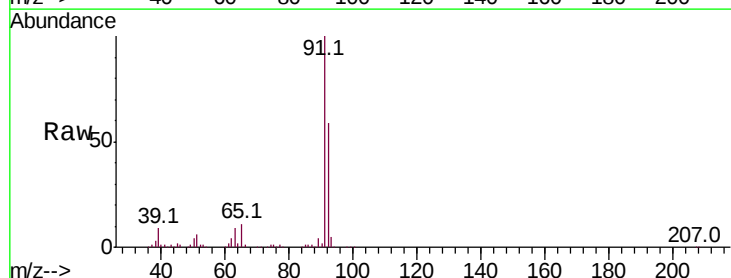
Acq: 20 Oct 2020 20:19

Tgt Ion: 92 Resp: 390761

Ion Ratio Lower Upper

92 100

91 169.4 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

400000

300000

200000

100000

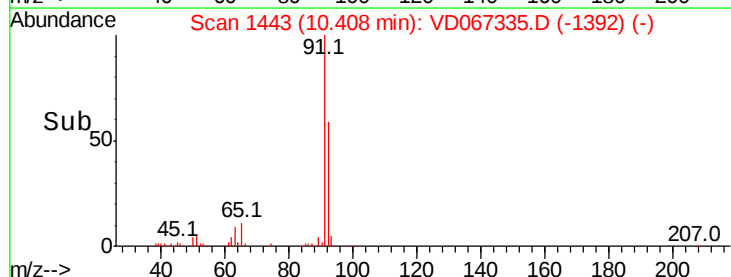
0

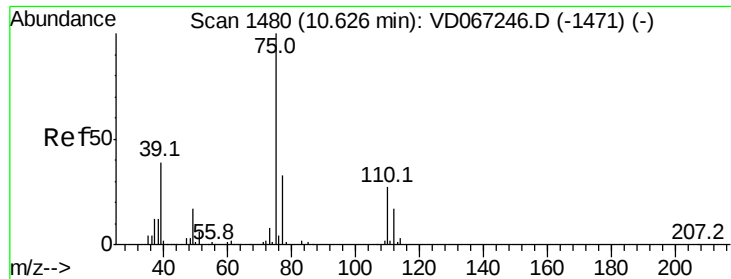
10.30

10.40

10.50

Time-->





#53

t-1,3-Dichloropropene

Concen: 56.096 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

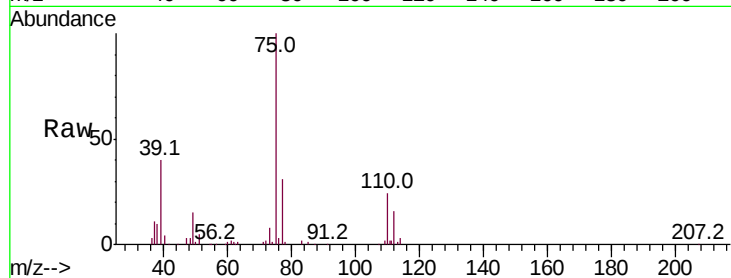
VSTDCCC050EC

Tot Ion: 75 Resp: 203199

Ion Ratio Lower Upper

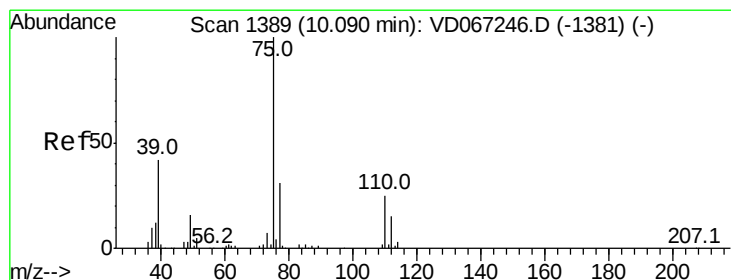
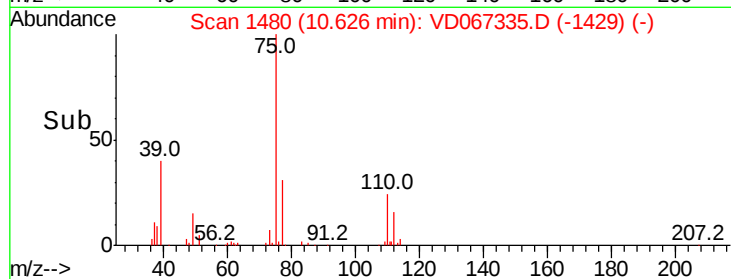
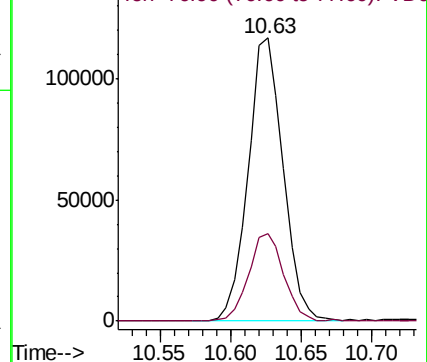
75 100

77 30.9 26.5 39.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 54.769 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

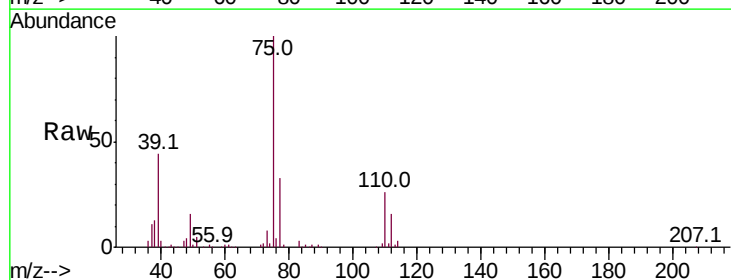
Tgt Ion: 75 Resp: 232183

Ion Ratio Lower Upper

75 100

77 32.7 24.5 36.7

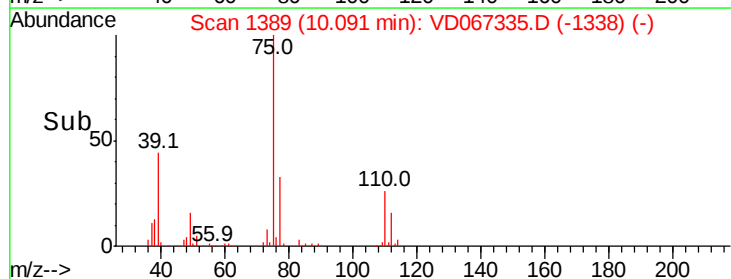
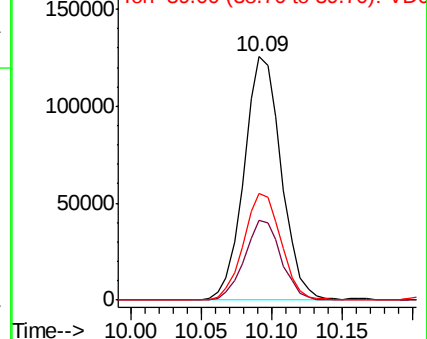
39 43.8 33.7 50.5

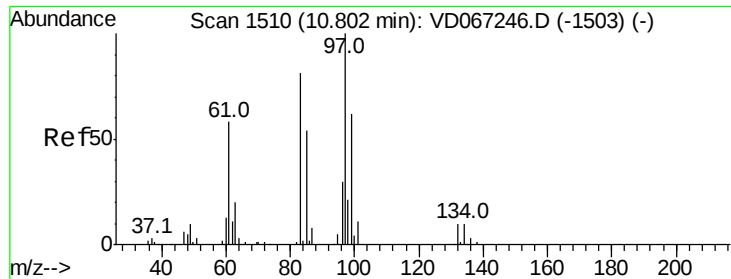


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 57.303 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 120265

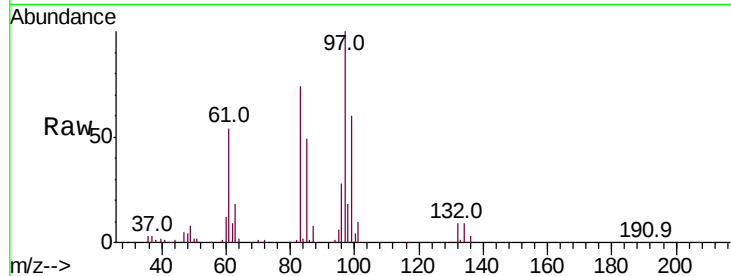
Ion Ratio Lower Upper

97 100

83 73.8 64.9 97.3

85 49.0 43.3 64.9

99 60.2 49.1 73.7

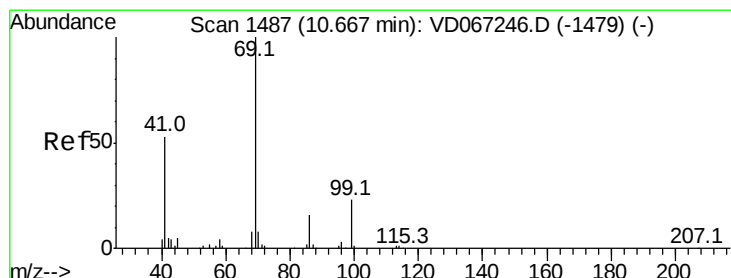
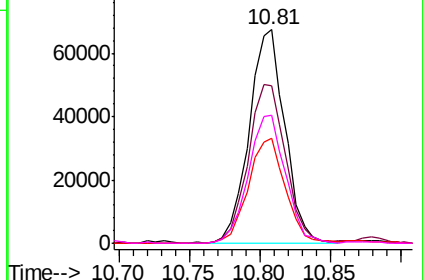
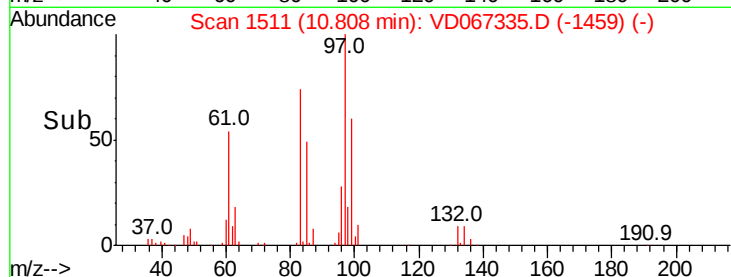


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 59.780 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

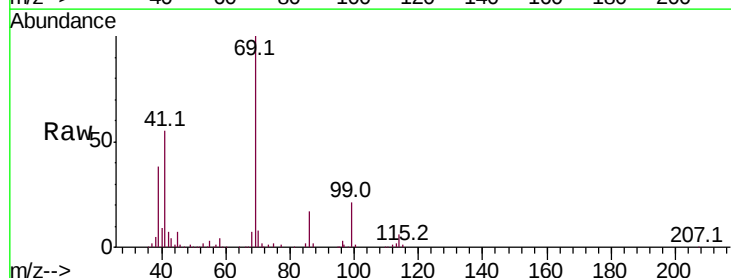
Tgt Ion: 69 Resp: 130119

Ion Ratio Lower Upper

69 100

41 54.5 44.7 67.1

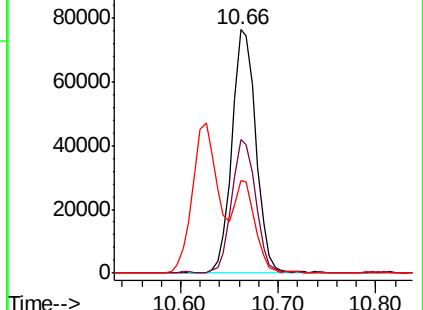
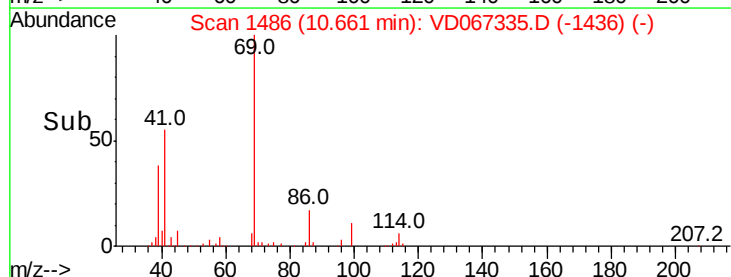
39 31.5 26.2 39.2

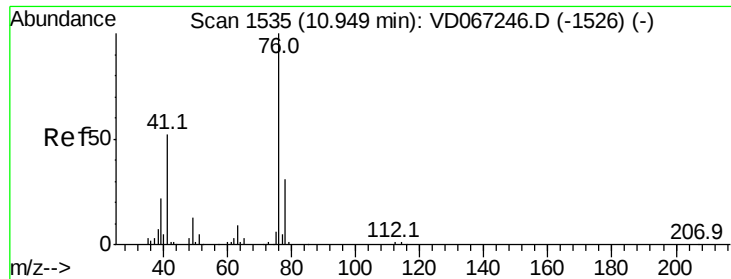


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 55.645 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

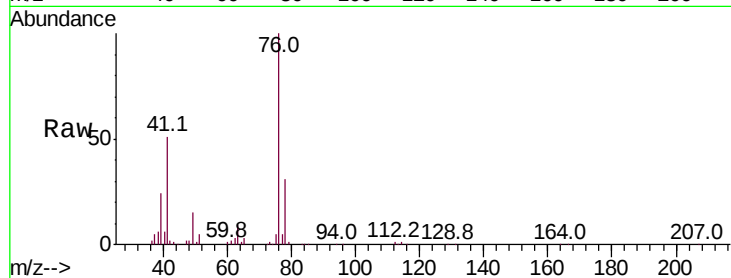
VSTDCCC050EC

Tot Ion: 76 Resp: 185856

Ion Ratio Lower Upper

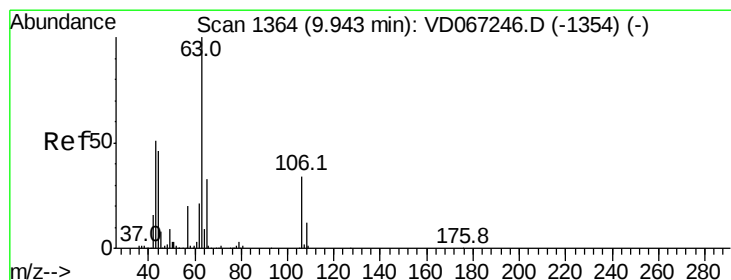
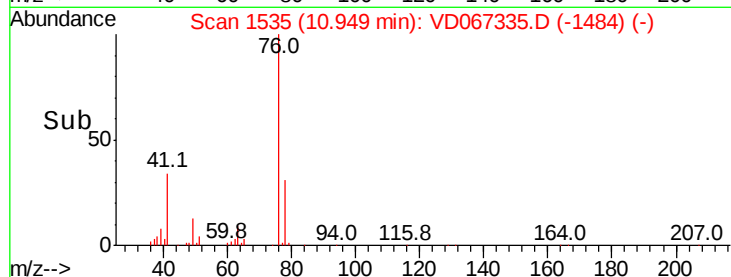
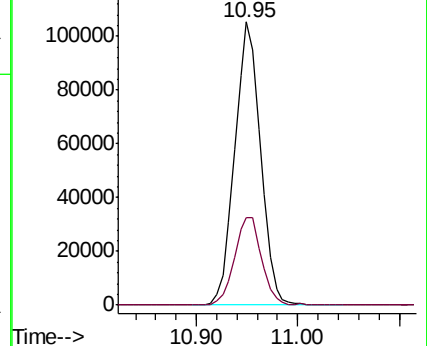
76 100

78 32.4 26.8 40.2



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: 291.788 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067335.D

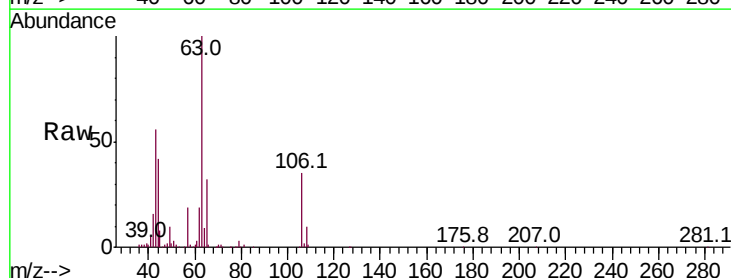
Acq: 20 Oct 2020 20:19

Tgt Ion: 63 Resp: 325815

Ion Ratio Lower Upper

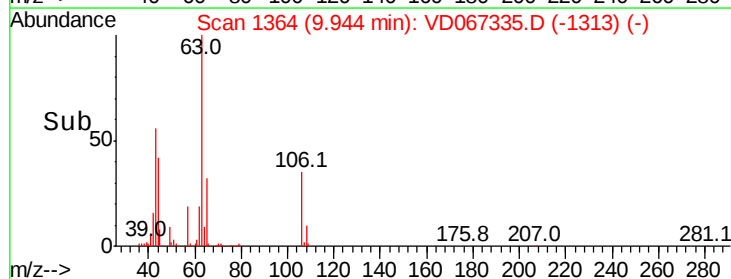
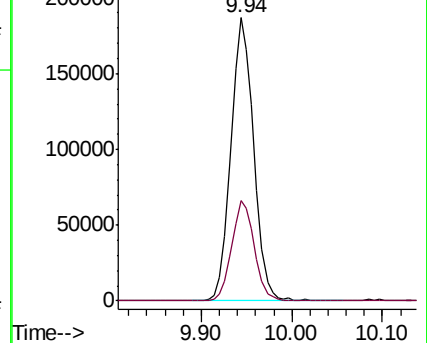
63 100

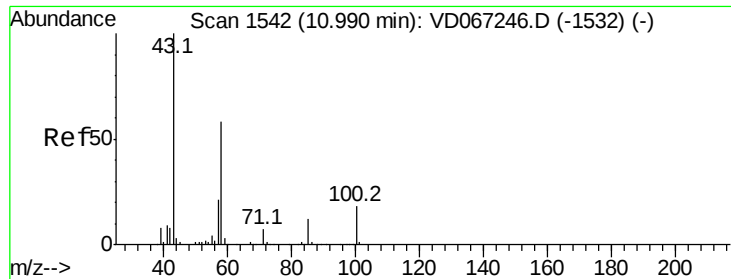
106 35.2 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

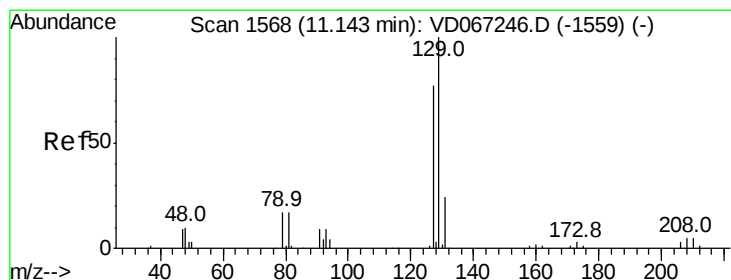
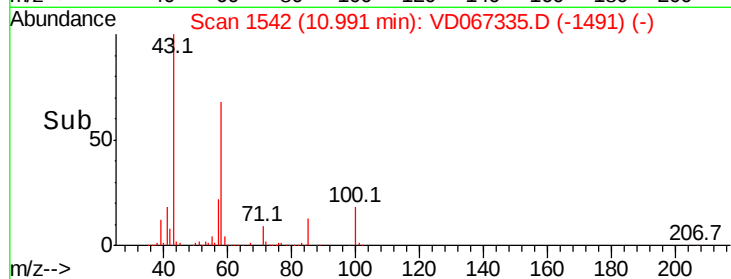
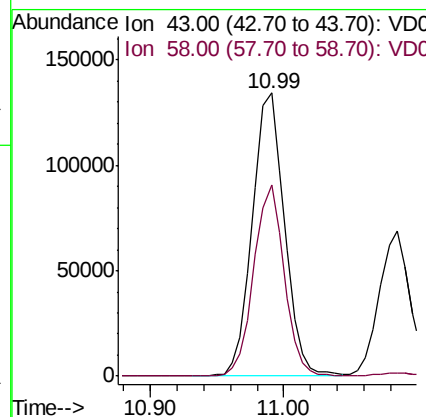
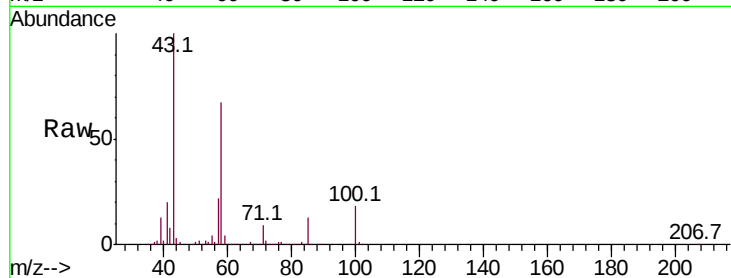




#59  
2-Hexanone  
Concen: 288.875 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

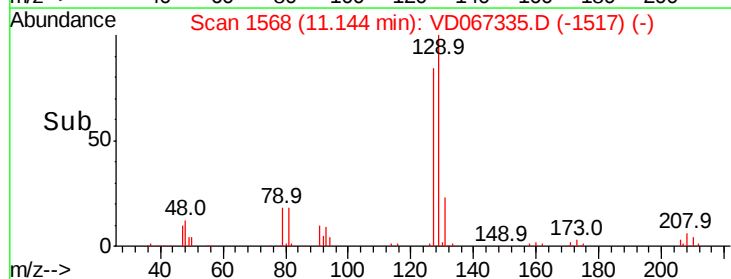
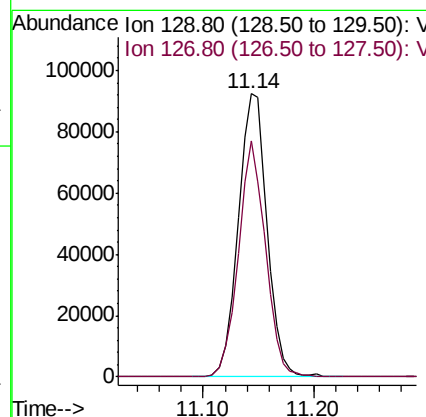
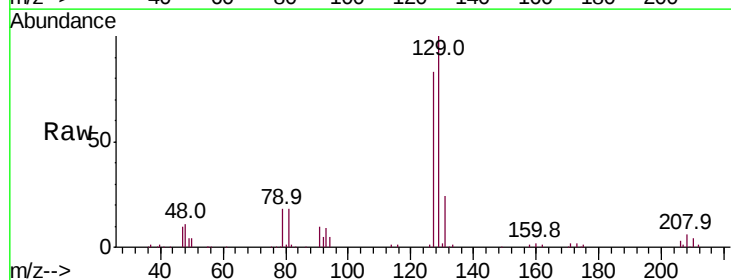
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

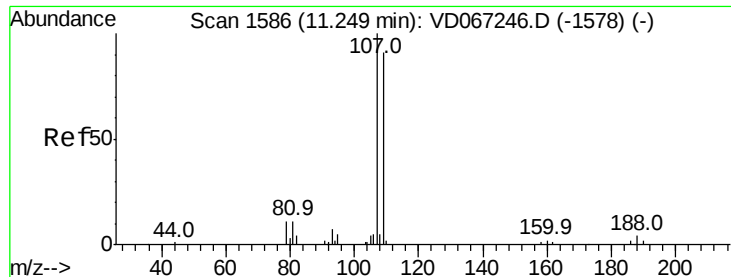
Tot Ion: 43 Resp: 223320  
Ion Ratio Lower Upper  
43 100  
58 63.9 29.3 87.9



#60  
Dibromochloromethane  
Concen: 55.286 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Tgt Ion: 129 Resp: 169217  
Ion Ratio Lower Upper  
129 100  
127 78.3 38.3 114.8

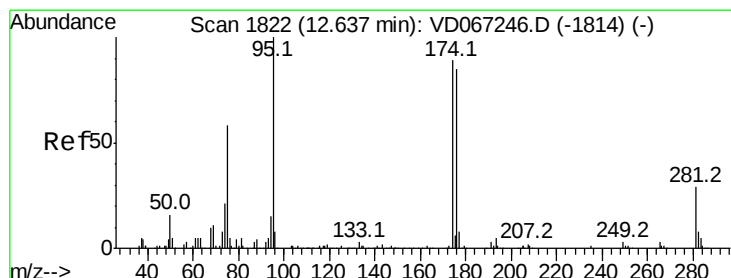
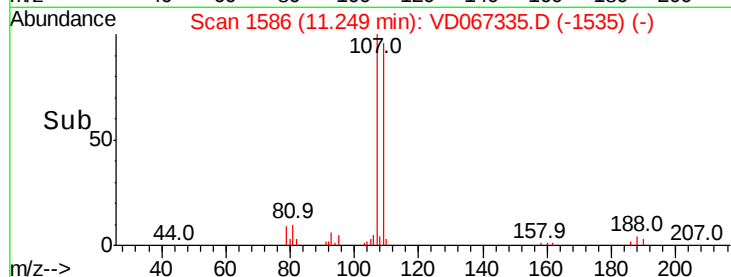
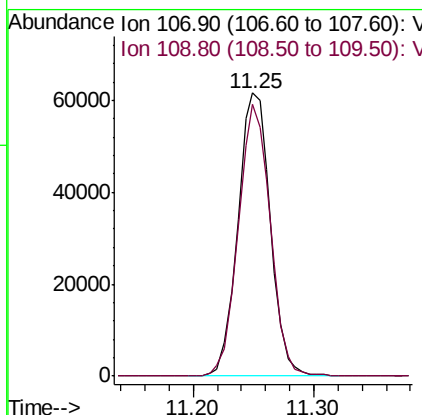
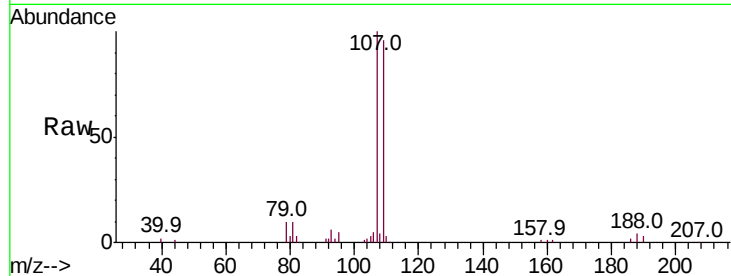




#61  
 1,2-Dibromoethane  
 Concen: 55.589 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

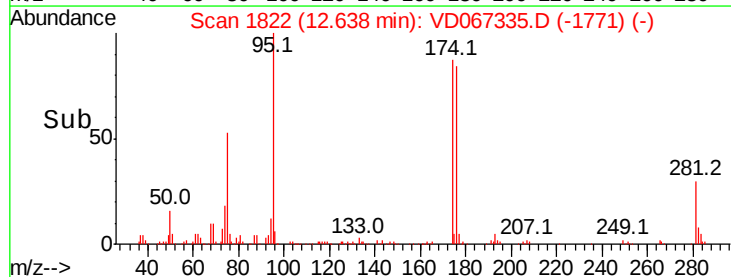
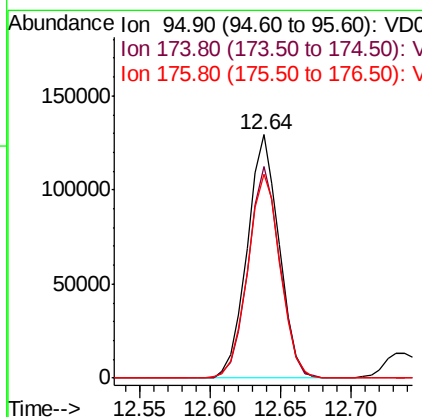
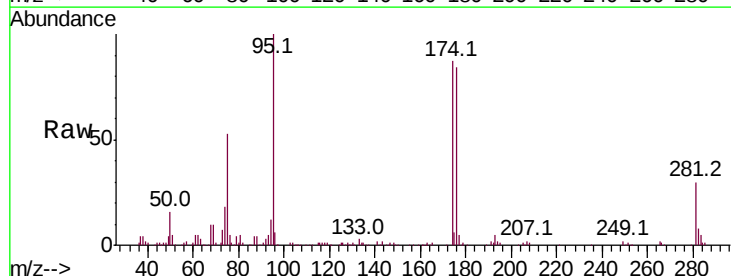
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

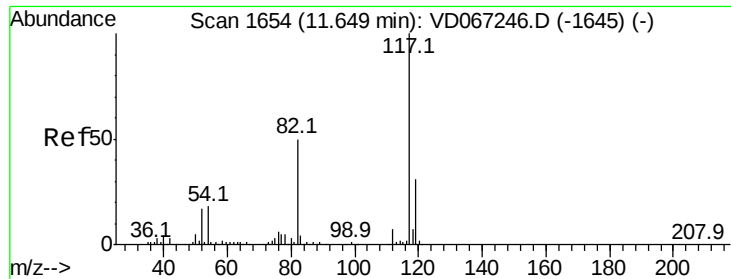
Tot Ion:107 Resp: 115018  
 Ion Ratio Lower Upper  
 107 100  
 109 94.7 74.6 112.0



#62  
 4-Bromofluorobenzene  
 Concen: 53.421 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

Tgt Ion: 95 Resp: 205076  
 Ion Ratio Lower Upper  
 95 100  
 174 86.4 0.0 175.2  
 176 85.3 0.0 168.6

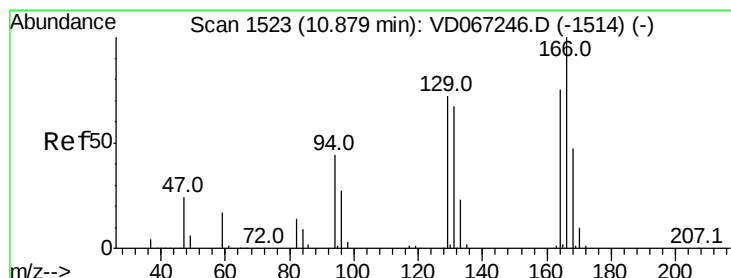
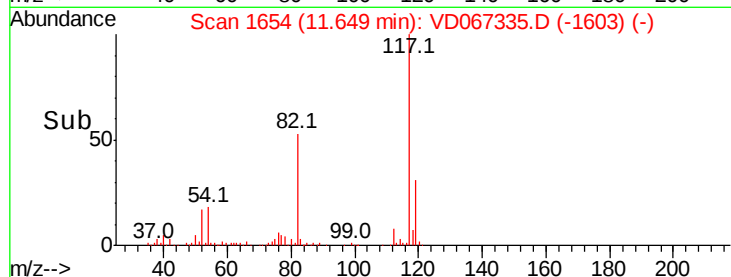
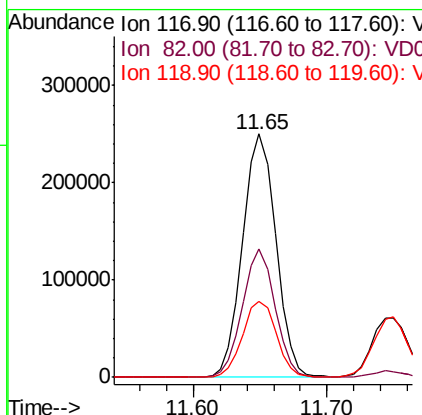
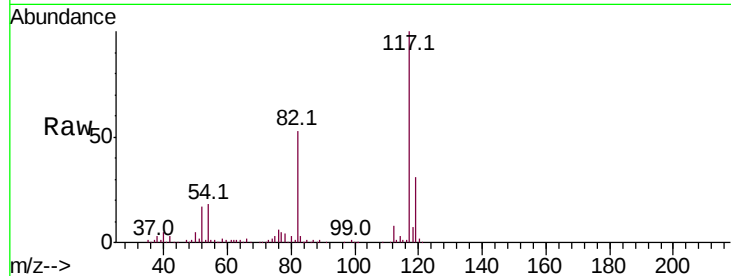




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

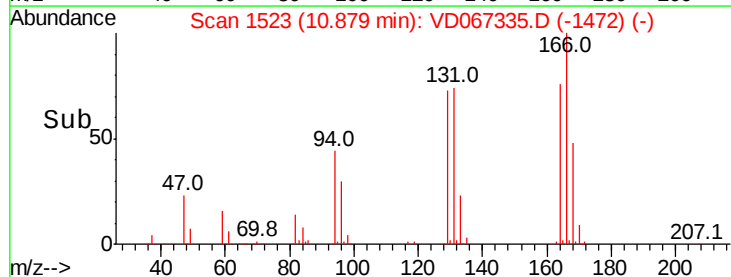
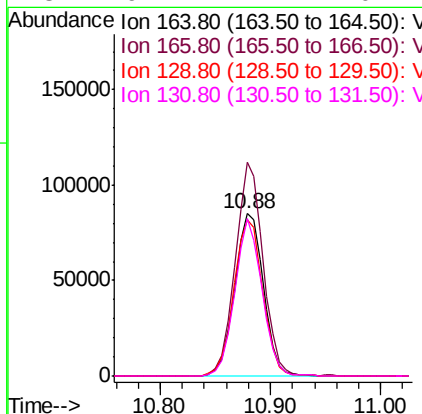
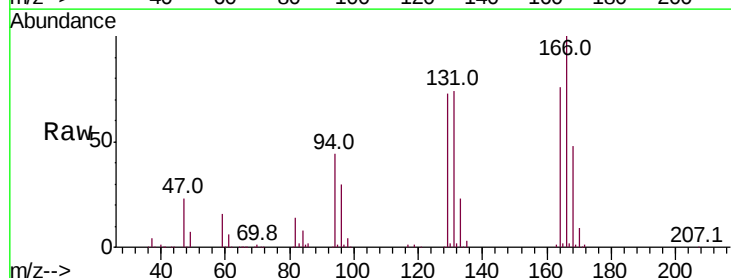
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

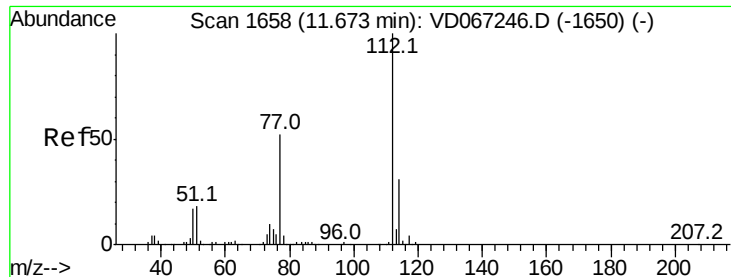
Tot Ion:117 Resp: 433223  
Ion Ratio Lower Upper  
117 100  
82 52.7 39.9 59.9  
119 31.3 24.9 37.3



#64  
Tetrachloroethene  
Concen: 49.697 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Tgt Ion:164 Resp: 155992  
Ion Ratio Lower Upper  
164 100  
166 131.5 107.3 160.9  
129 96.5 77.3 115.9  
131 97.2 71.4 107.2

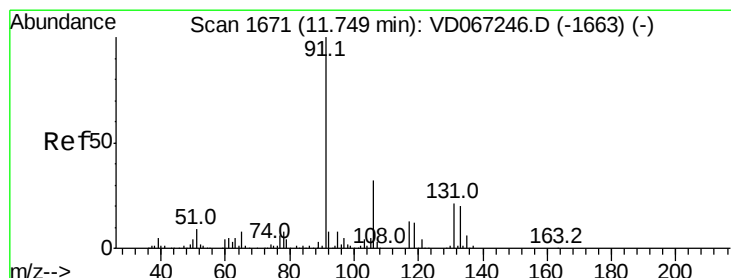
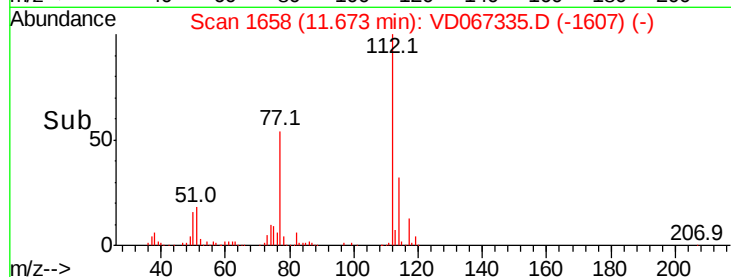
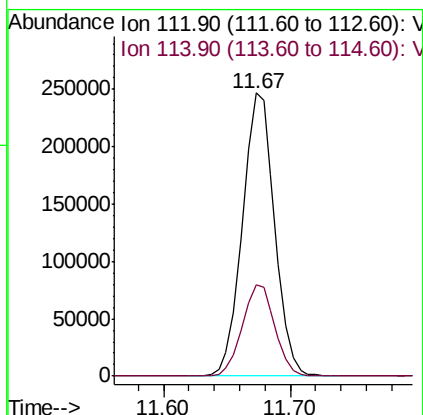
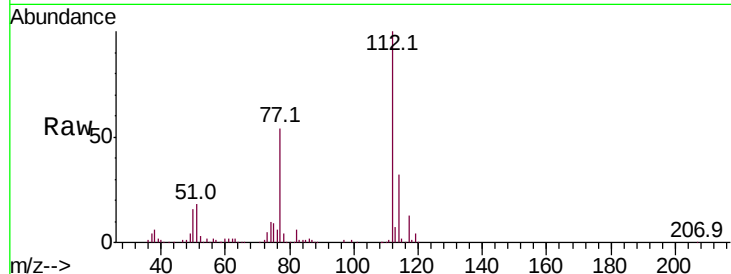




#65  
Chlorobenzene  
Concen: 52.305 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

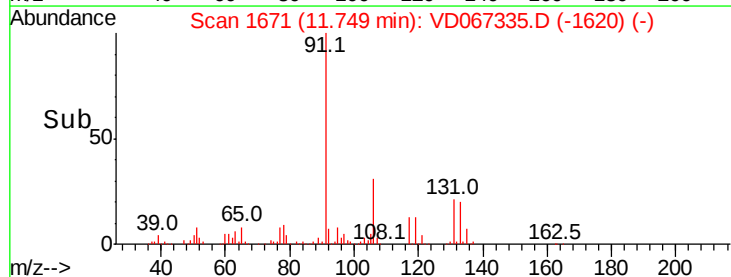
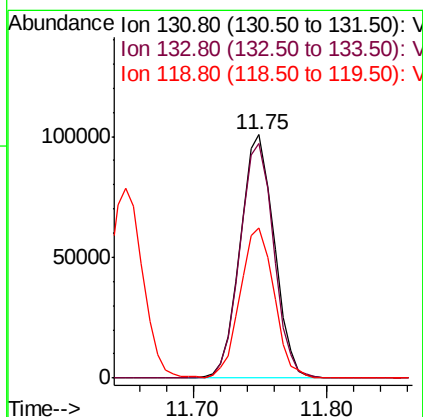
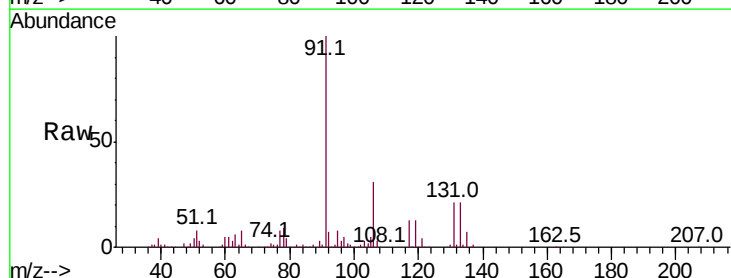
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

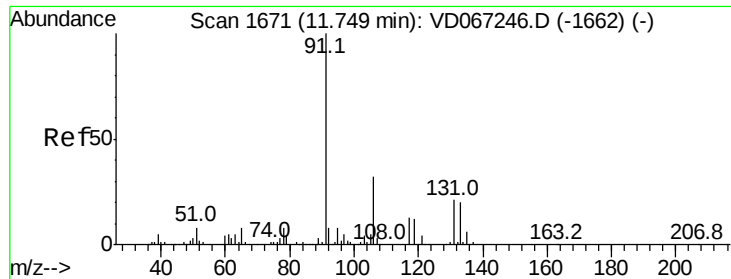
Tot Ion:112 Resp: 434527  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.747 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Tgt Ion:131 Resp: 177462  
Ion Ratio Lower Upper  
131 100  
133 96.0 48.1 144.3  
119 61.9 30.0 90.0





#67

Ethyl Benzene

Concen: 53.380 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

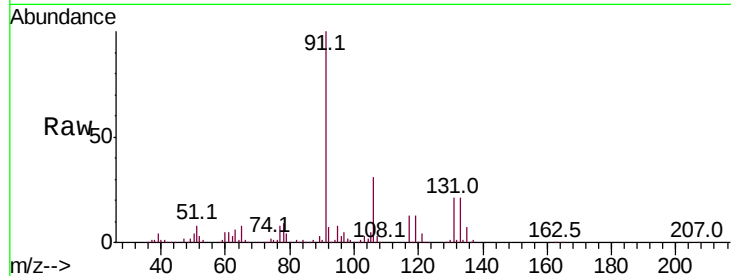
VSTDCCC050EC

Tot Ion: 91 Resp: 760161

Ion Ratio Lower Upper

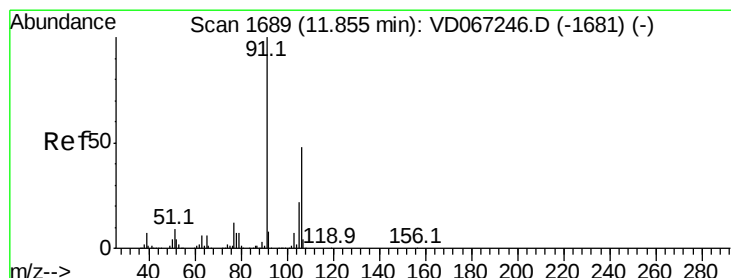
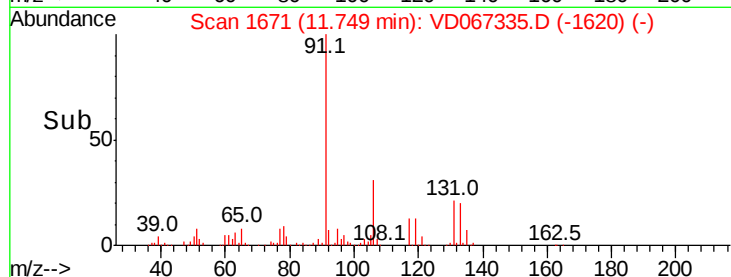
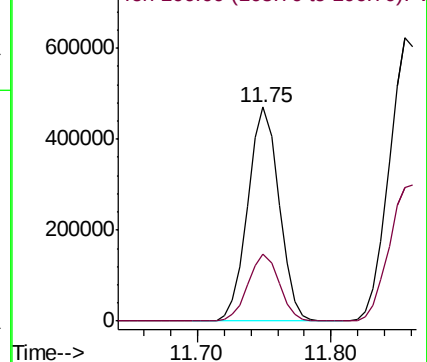
91 100

106 31.4 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.661 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD067335.D

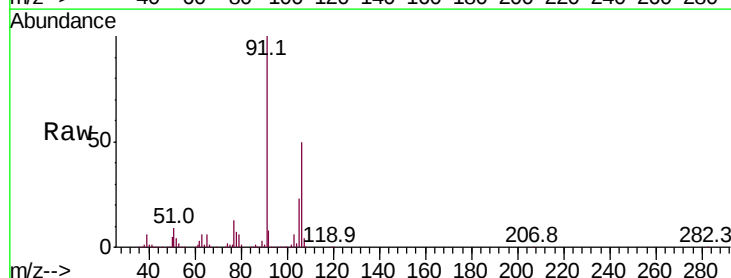
Acq: 20 Oct 2020 20:19

Tgt Ion:106 Resp: 584912

Ion Ratio Lower Upper

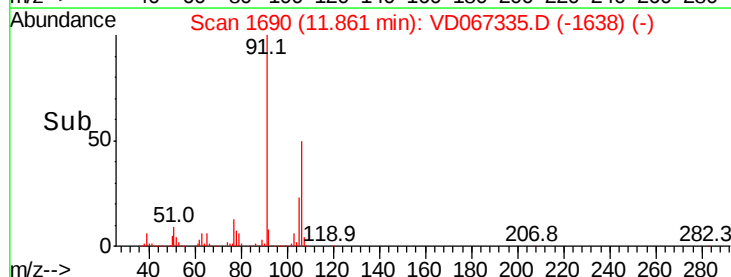
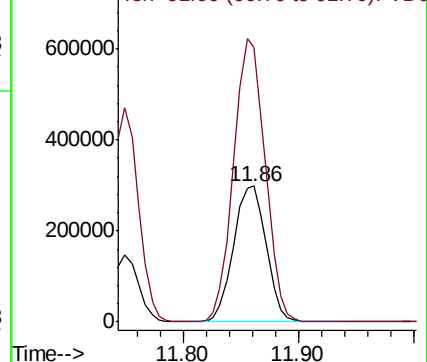
106 100

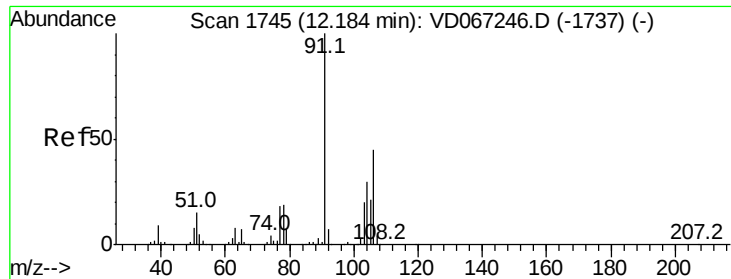
91 202.5 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

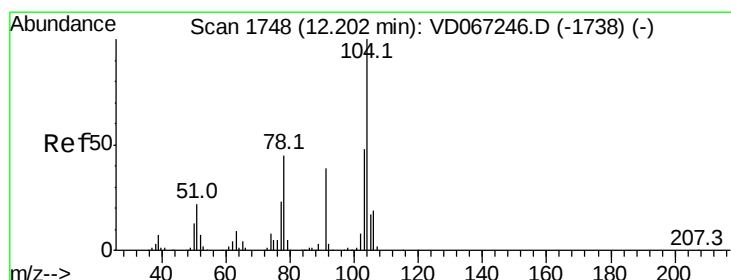
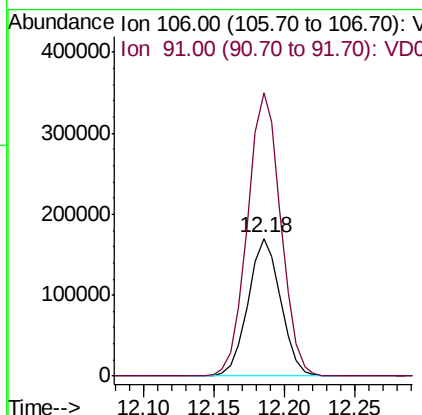
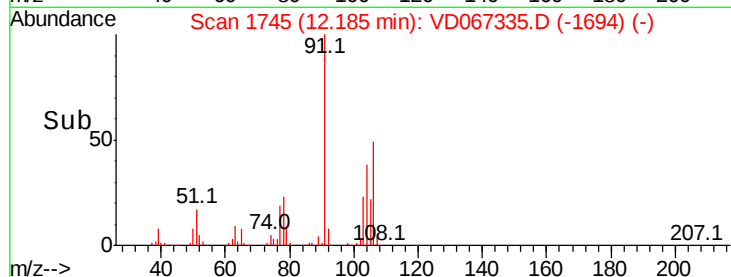
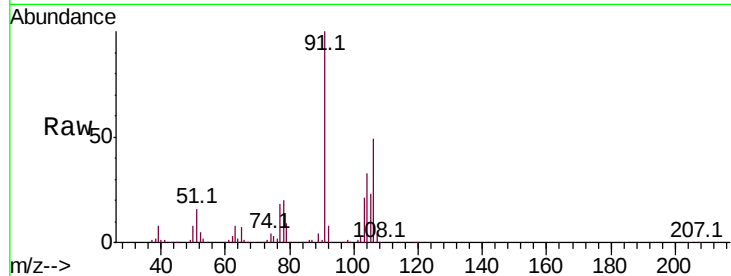




#69  
o-Xylene  
Concen: 54.260 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

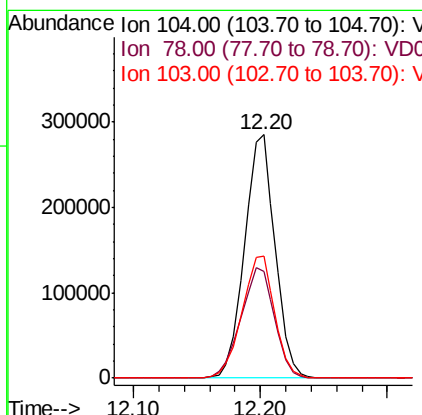
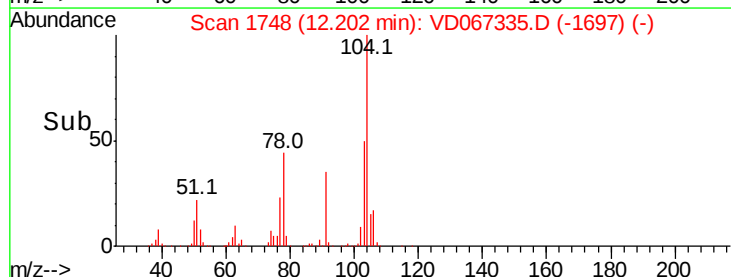
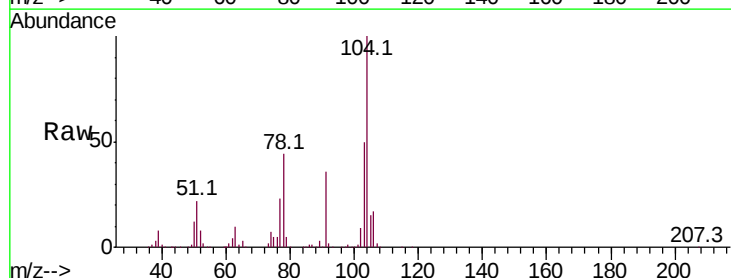
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

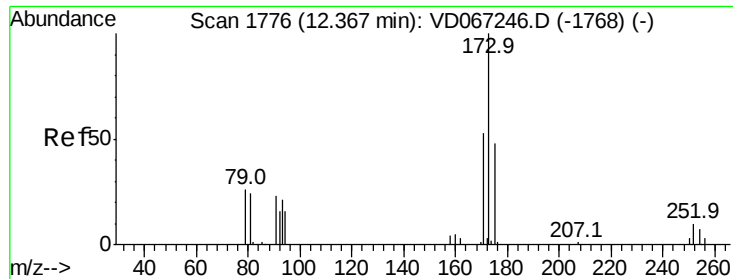
Tot Ion:106 Resp: 275540  
Ion Ratio Lower Upper  
106 100  
91 210.8 109.1 327.3



#70  
Styrene  
Concen: 54.493 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Tgt Ion:104 Resp: 476354  
Ion Ratio Lower Upper  
104 100  
78 49.9 39.8 59.6  
103 53.6 42.6 64.0

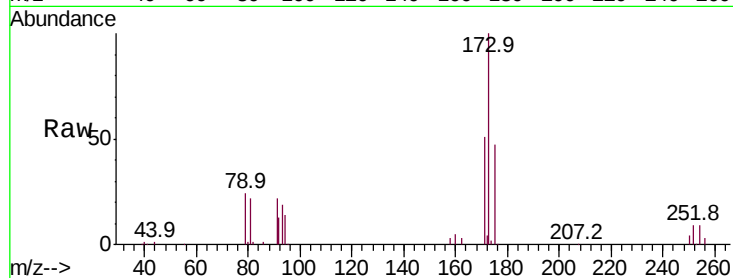




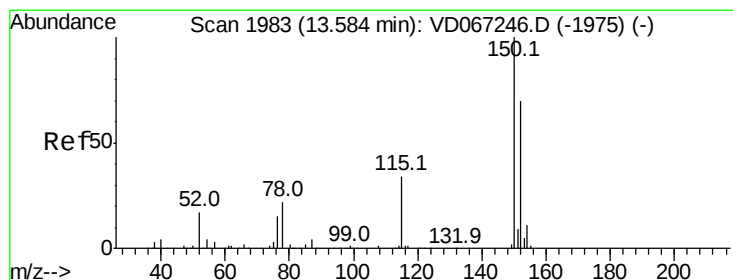
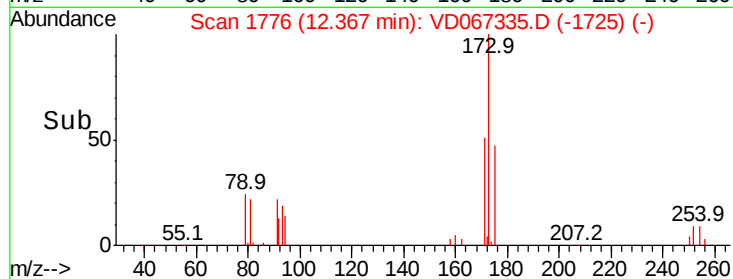
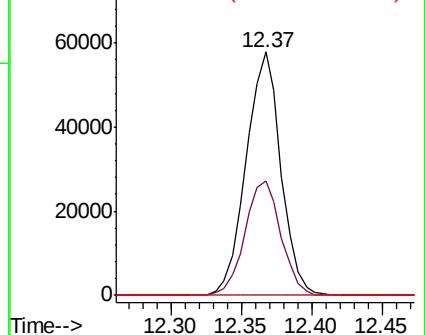
#71  
Bromoform  
Concen: 56.260 ug/l  
RT: 12.37 min Scan# 1776  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:173 Resp: 99793  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.2 72.6  
254 0.0 0.1 0.1#

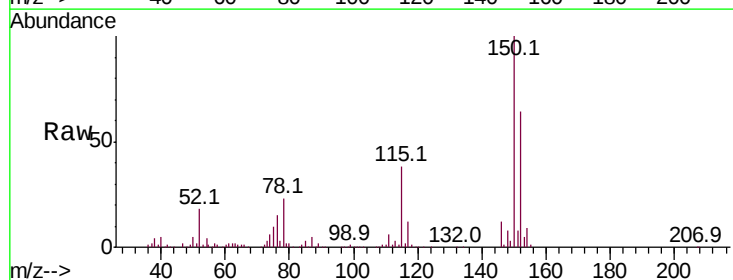


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

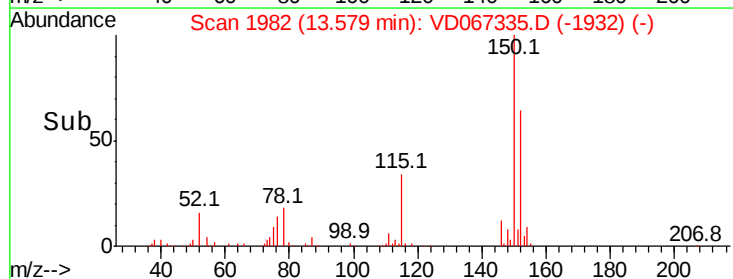
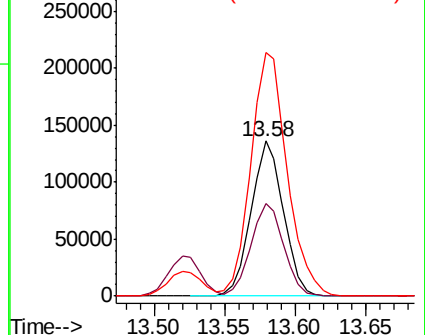


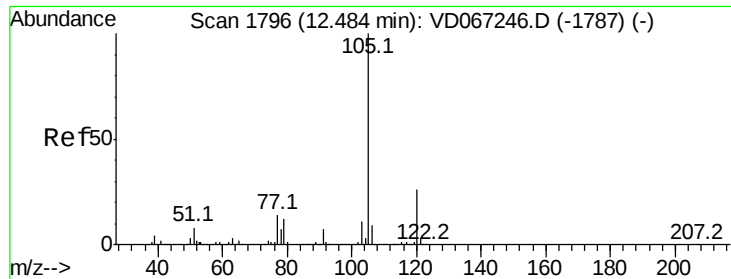
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1982  
Delta R.T. -0.01 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Tgt Ion:152 Resp: 218158  
Ion Ratio Lower Upper  
152 100  
115 60.6 29.3 87.9  
150 177.2 0.0 339.0



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





#73

Isopropylbenzene

Concen: 53.469 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

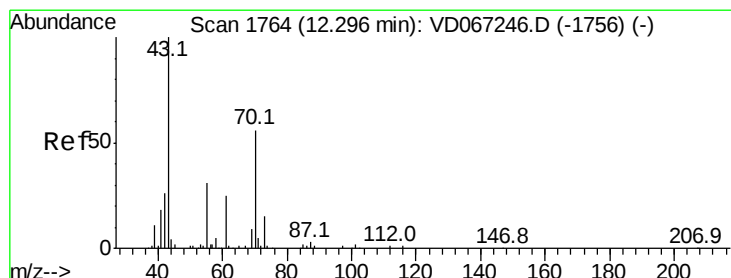
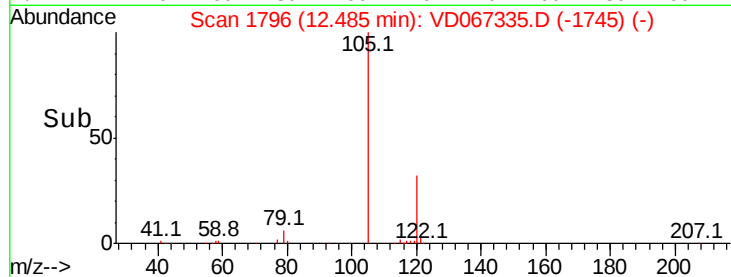
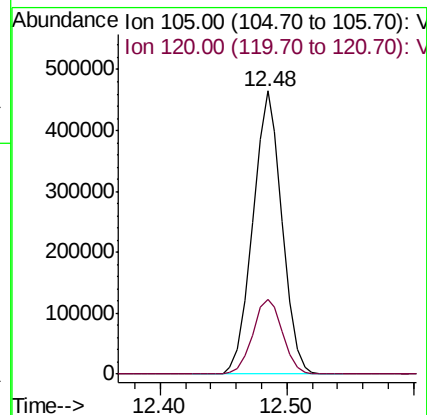
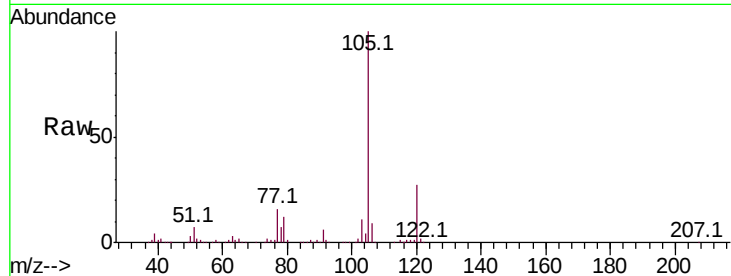
VSTDCCC050EC

Tot Ion:105 Resp: 740326

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.8



#74

N-ethyl acetate

Concen: 56.844 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Tgt Ion: 43 Resp: 118871

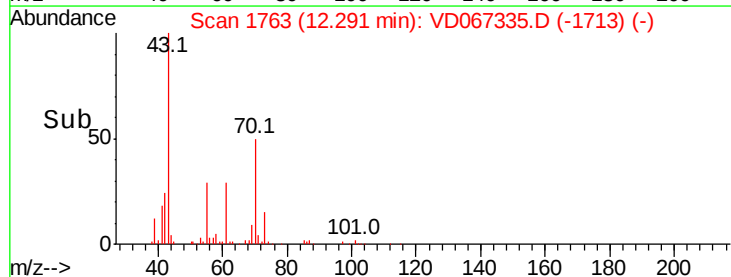
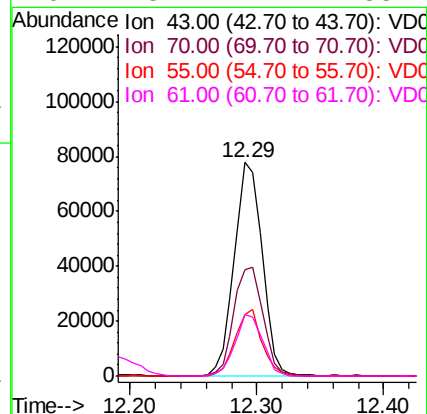
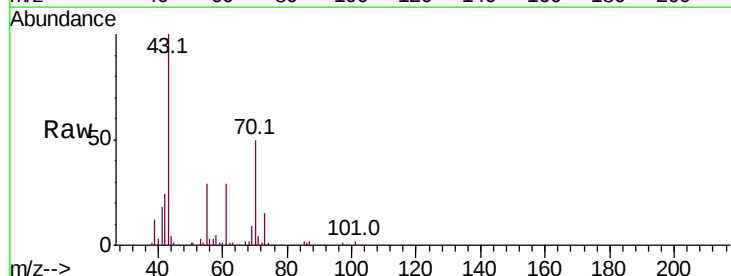
Ion Ratio Lower Upper

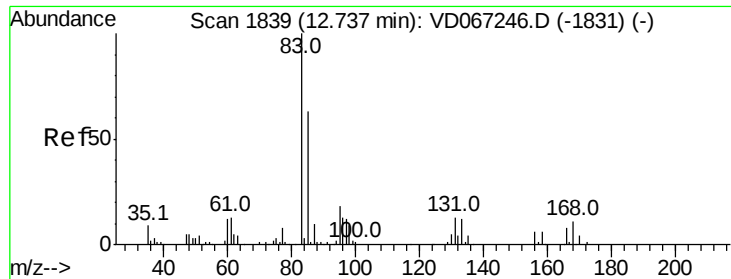
43 100

70 52.9 42.7 64.1

55 29.7 24.0 36.0

61 28.2 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 54.965 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

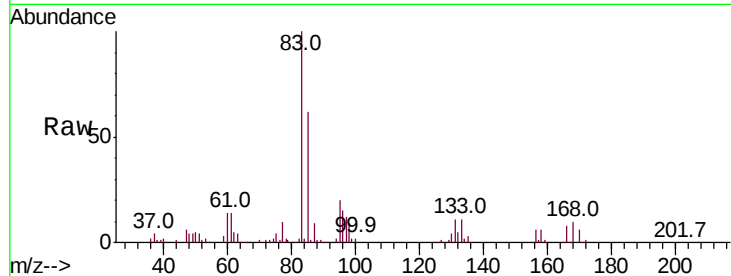
Tot Ion: 83 Resp: 116608

Ion Ratio Lower Upper

83 100

131 12.7 6.5 19.5

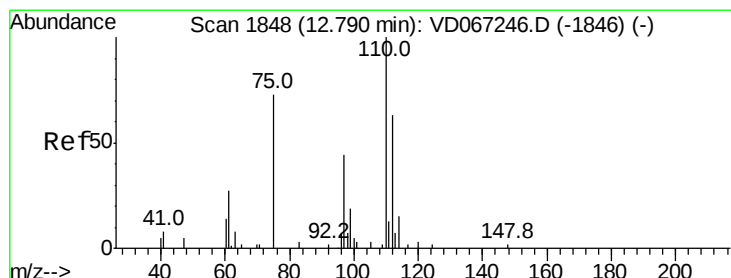
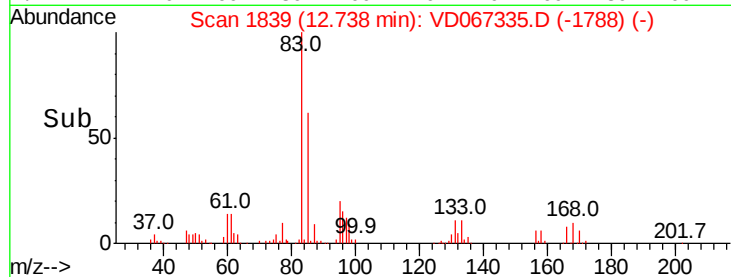
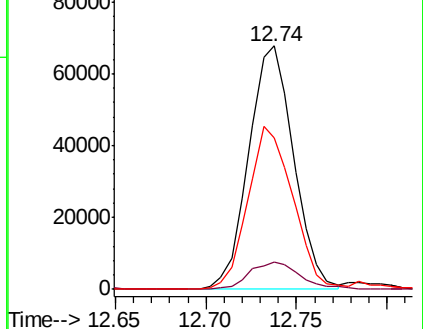
85 66.9 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 103.315 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067335.D

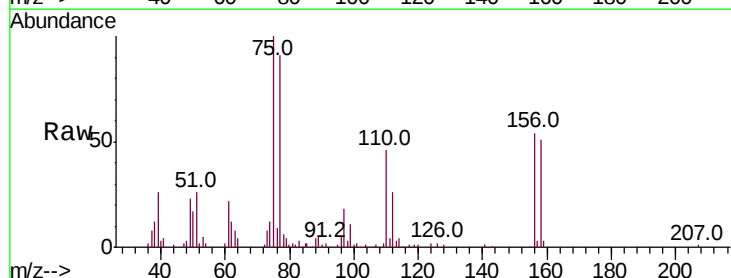
Acq: 20 Oct 2020 20:19

Tgt Ion: 75 Resp: 156217

Ion Ratio Lower Upper

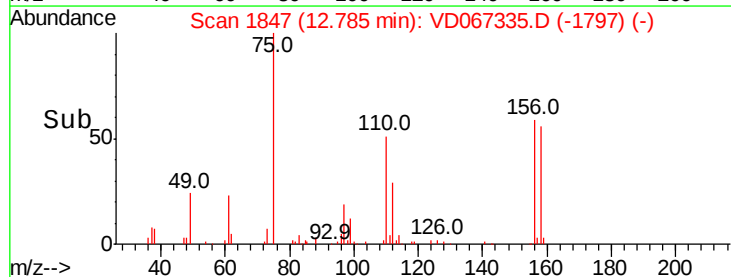
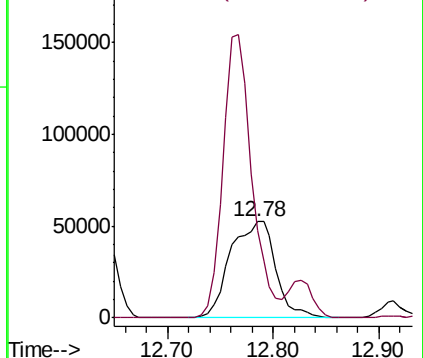
75 100

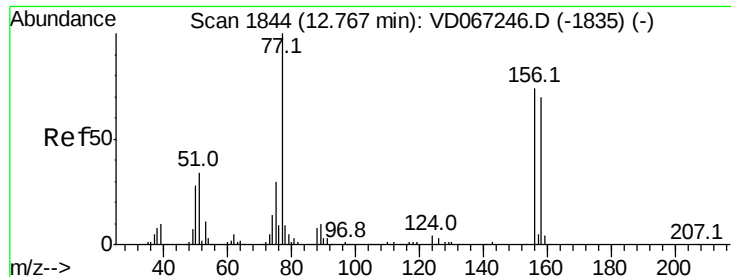
77 188.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 55.385 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

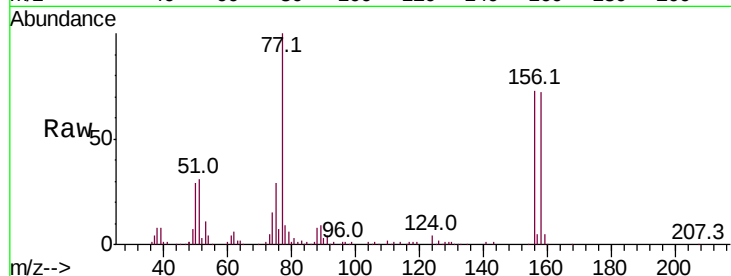
Tot Ion:156 Resp: 191183

Ion Ratio Lower Upper

156 100

77 153.9 78.0 233.8

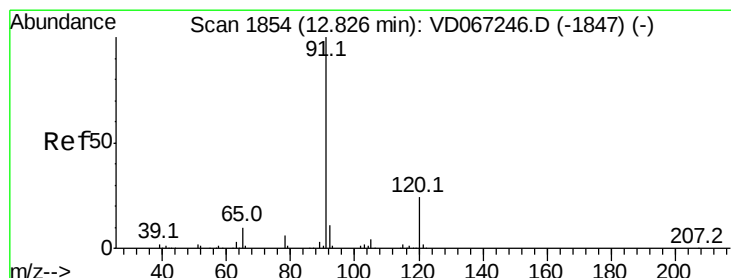
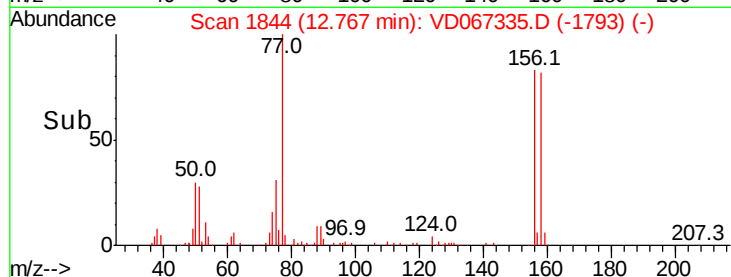
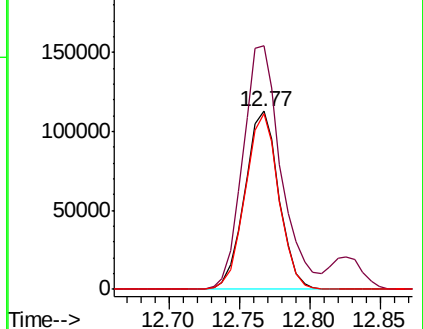
158 97.1 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.730 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067335.D

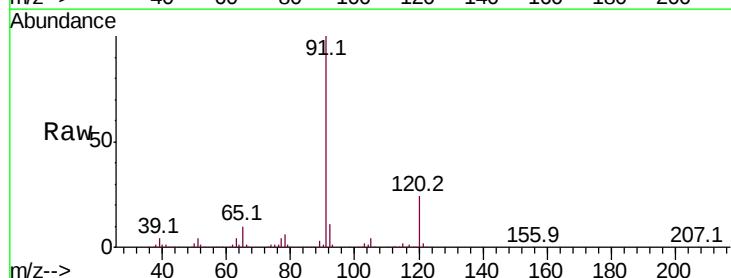
Acq: 20 Oct 2020 20:19

Tgt Ion: 91 Resp: 861939

Ion Ratio Lower Upper

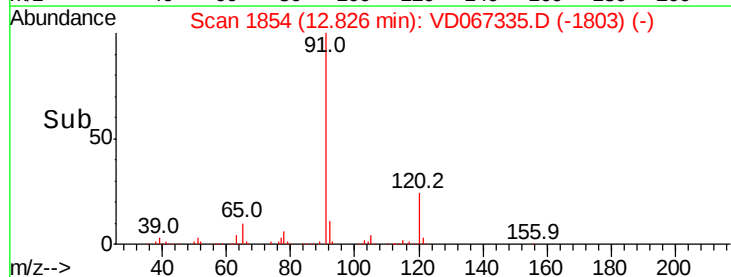
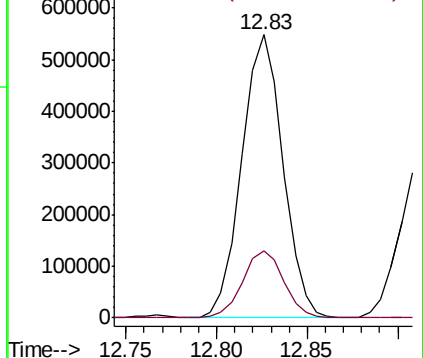
91 100

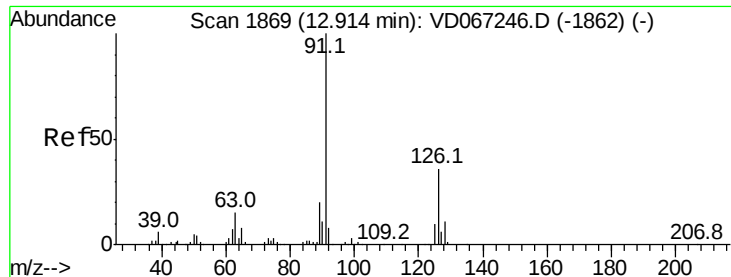
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.324 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

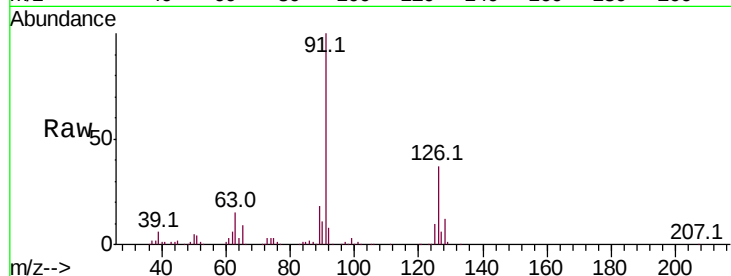
VSTDCCC050EC

Tot Ion: 91 Resp: 496083

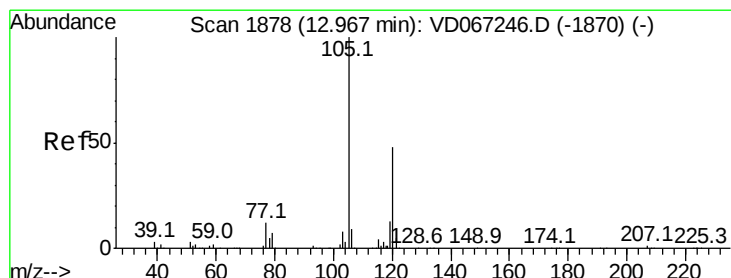
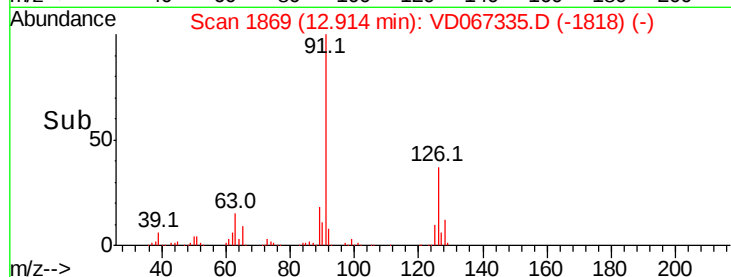
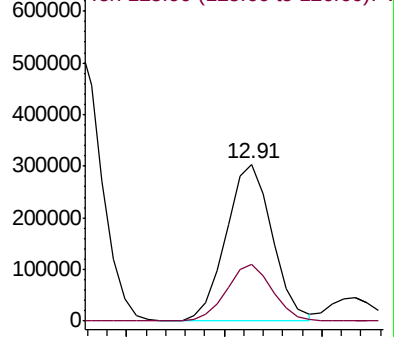
Ion Ratio Lower Upper

91 100

126 36.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VD067335.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.722 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067335.D

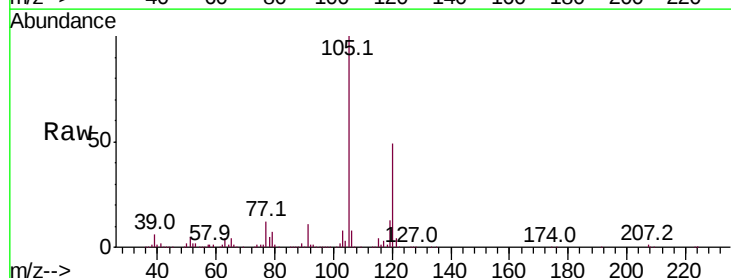
Acq: 20 Oct 2020 20:19

Tgt Ion: 105 Resp: 646372

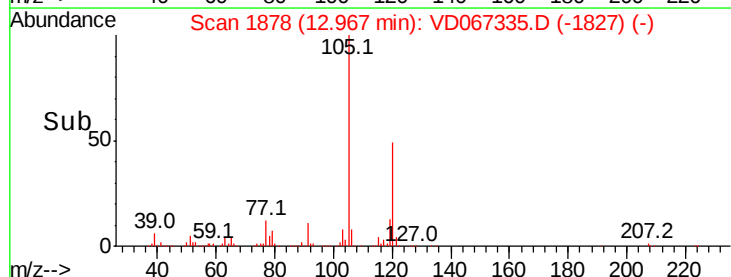
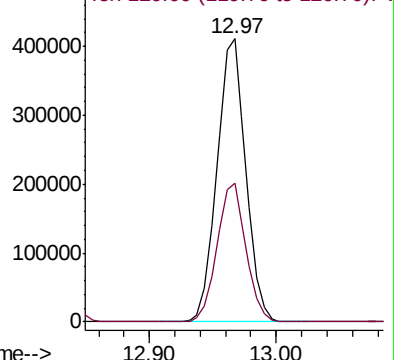
Ion Ratio Lower Upper

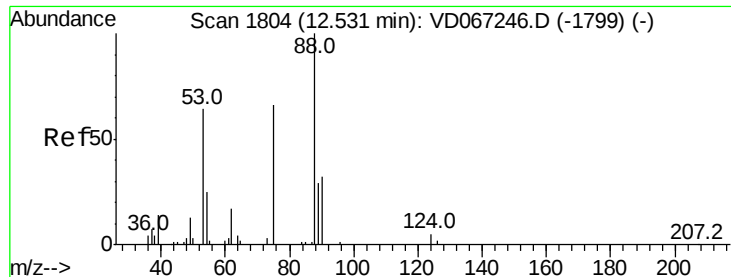
105 100

120 49.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067335.D (-1870) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.783 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

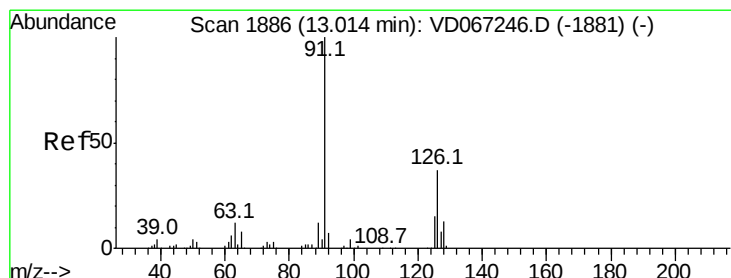
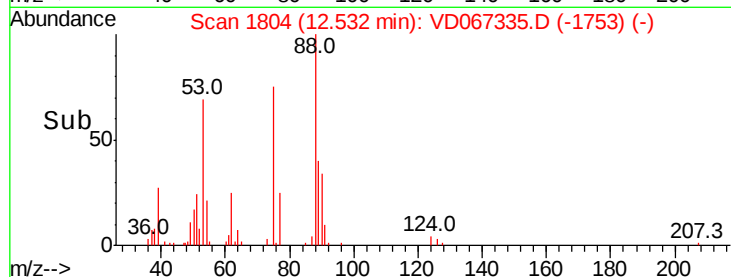
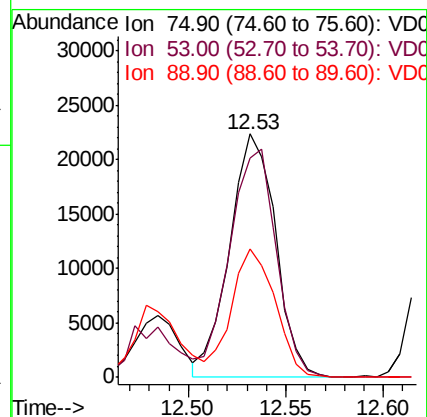
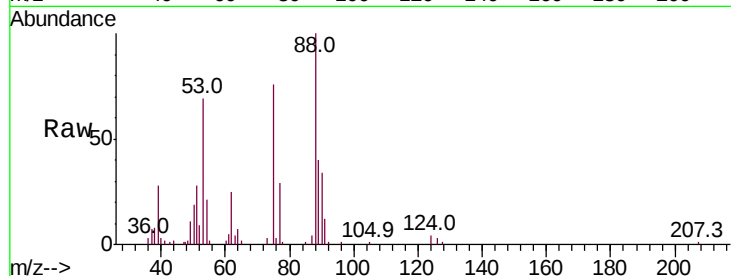
Tot Ion: 75 Resp: 36528

Ion Ratio Lower Upper

75 100

53 95.5 78.5 117.7

89 50.1 39.9 59.9



#82

4-Chlorotoluene

Concen: 54.872 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD067335.D

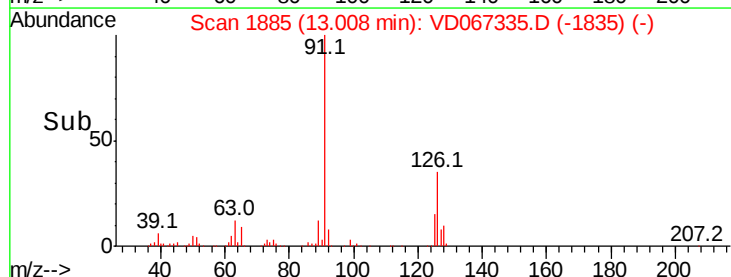
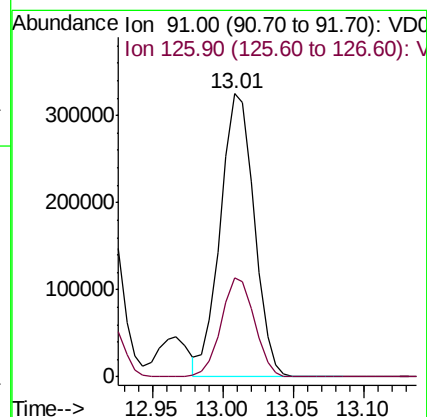
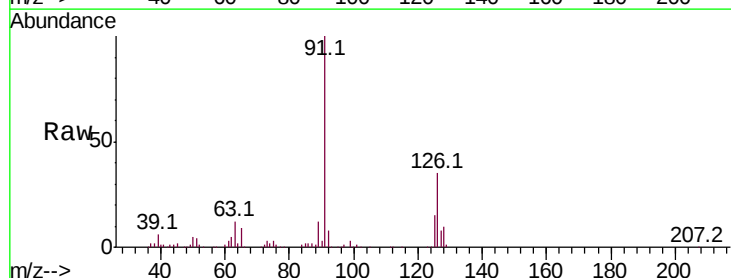
Acq: 20 Oct 2020 20:19

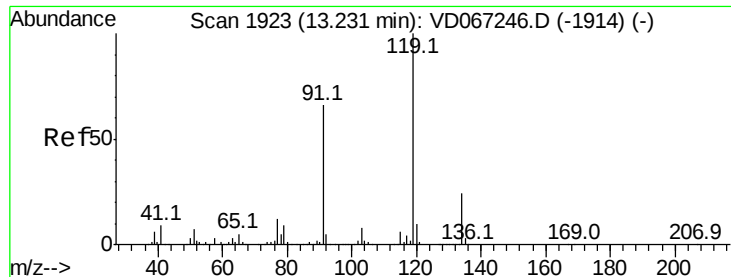
Tgt Ion: 91 Resp: 541801

Ion Ratio Lower Upper

91 100

126 34.4 17.8 53.5

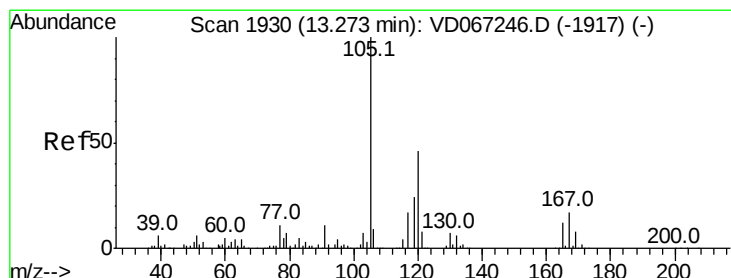
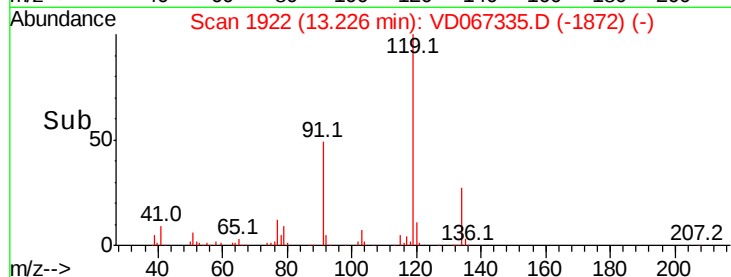
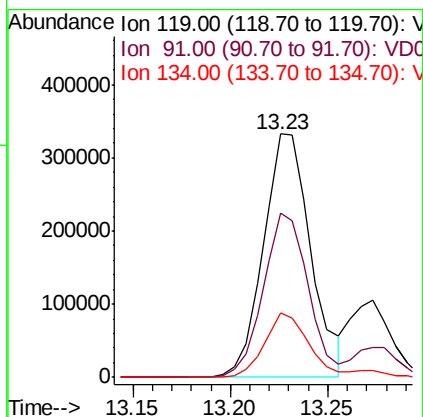
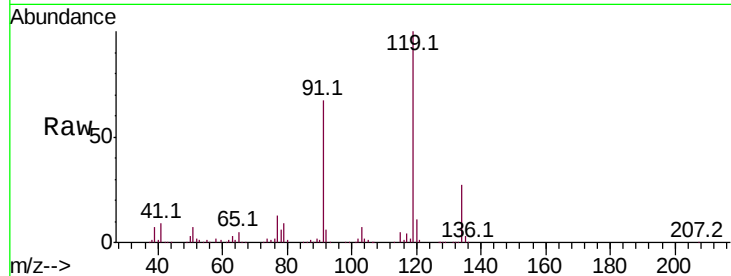




#83  
tert-Butylbenzene  
Concen: 55.003 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. -0.01 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

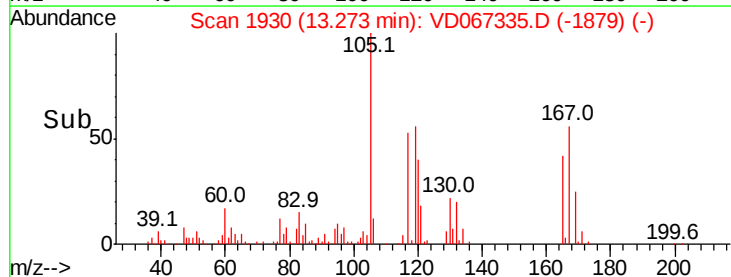
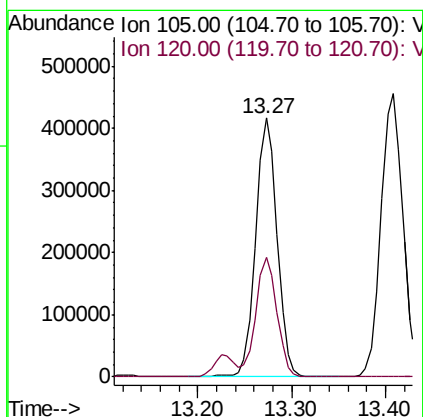
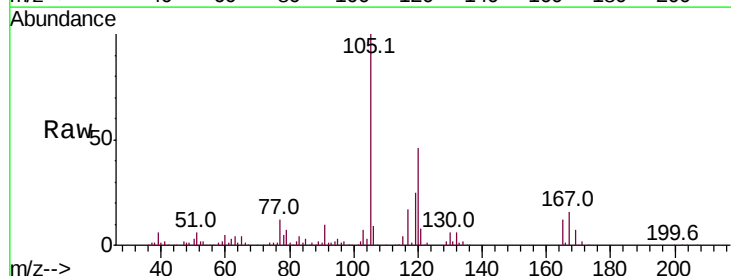
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

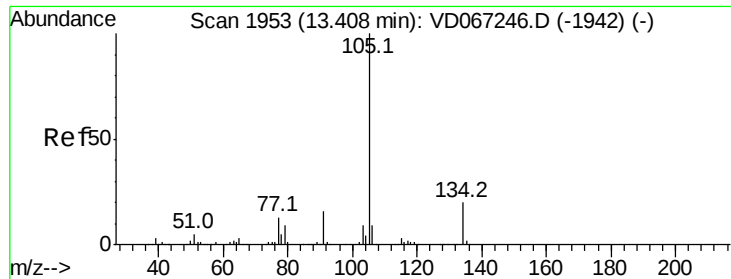
Tot Ion:119 Resp: 559022  
Ion Ratio Lower Upper  
119 100  
91 64.1 33.1 99.2  
134 24.8 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 55.116 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Tgt Ion:105 Resp: 655443  
Ion Ratio Lower Upper  
105 100  
120 45.7 22.4 67.3

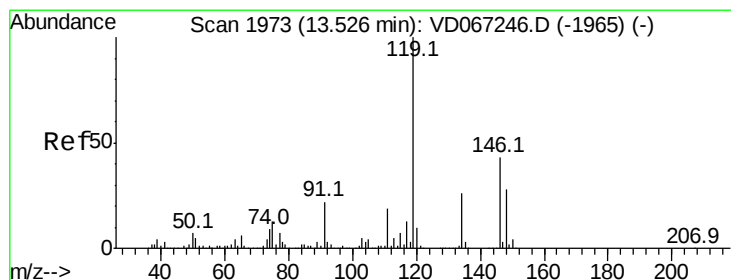
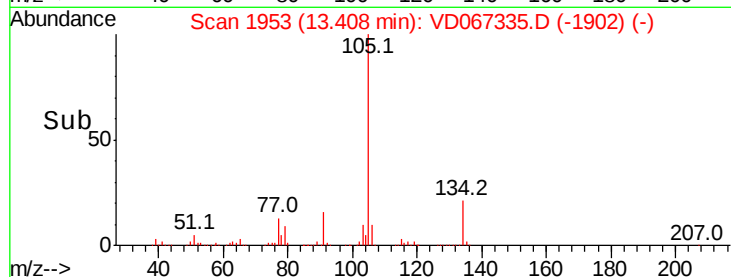
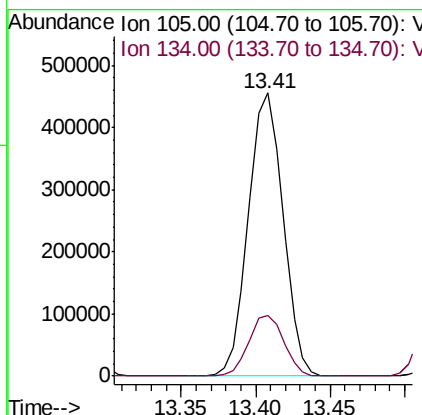
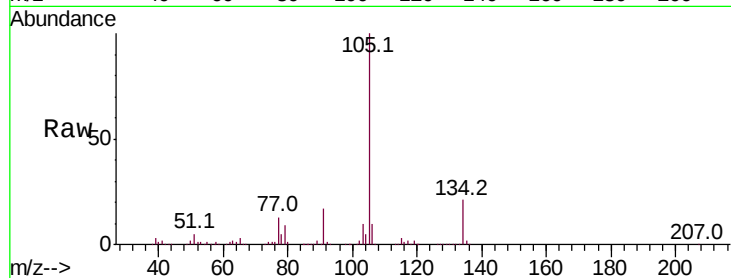




#85  
 sec-Butylbenzene  
 Concen: 52.584 ug/l  
 RT: 13.41 min Scan# 1953  
 Delta R.T. 0.00 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

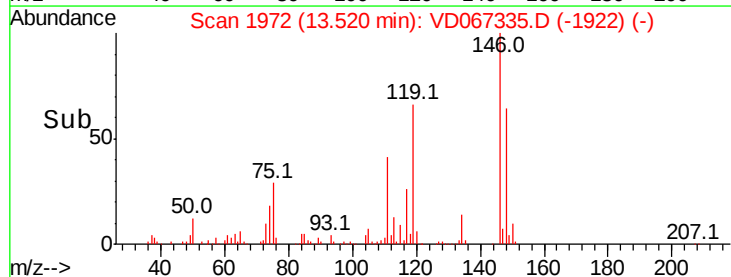
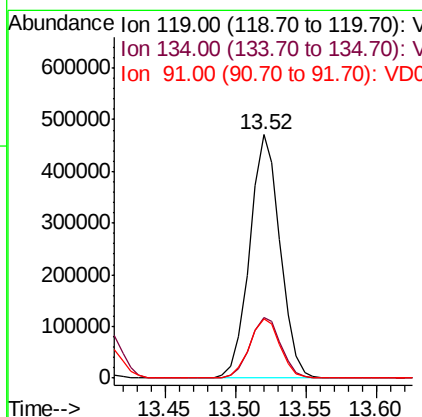
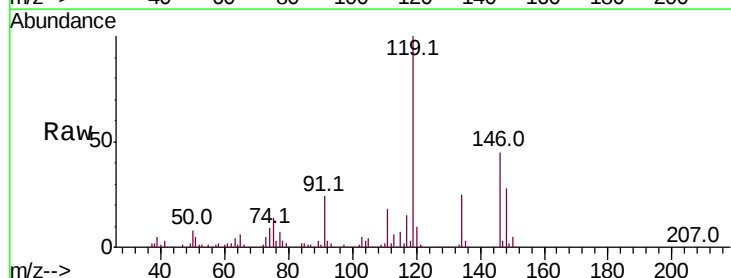
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

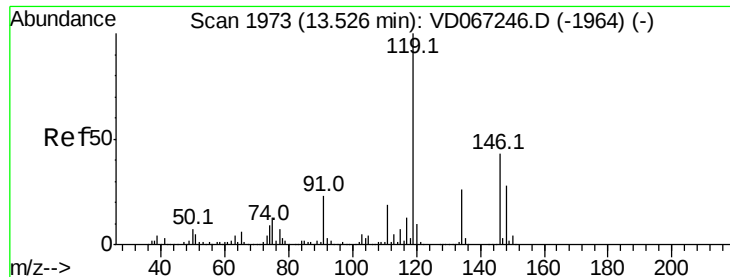
Tot Ion:105 Resp: 733323  
 Ion Ratio Lower Upper  
 105 100  
 134 21.6 10.5 31.5



#86  
 p-Isopropyltoluene  
 Concen: 54.003 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.01 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

Tgt Ion:119 Resp: 710849  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 13.1 39.3  
 91 24.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 53.240 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

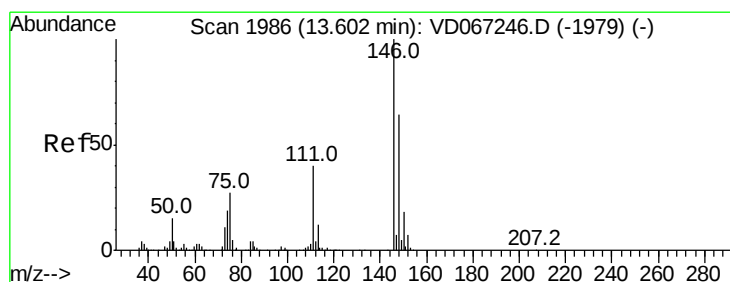
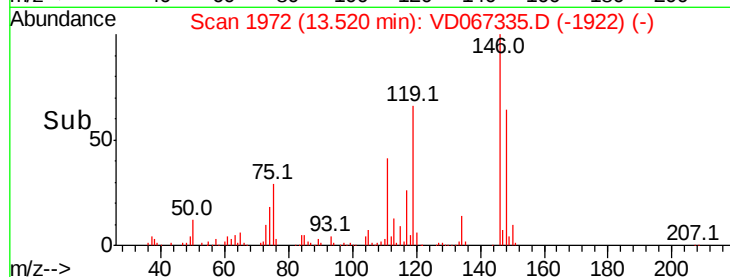
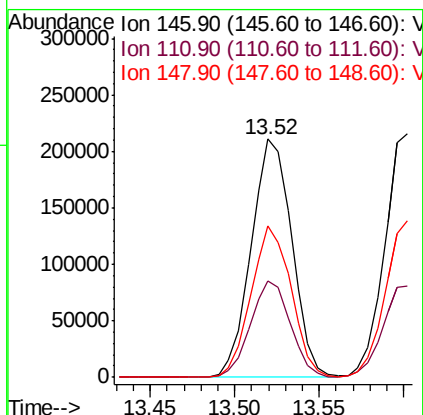
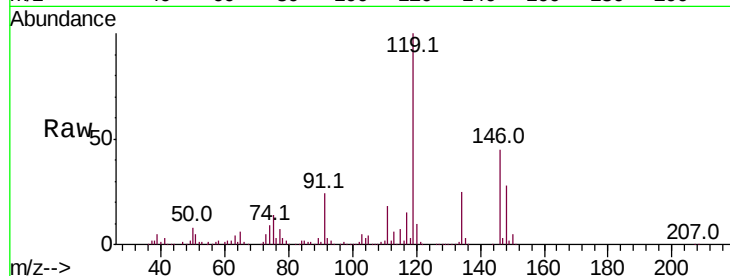
Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:146 Resp: 353731

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 39.8  | 21.1  | 63.3  |
| 148 | 62.5  | 31.9  | 95.9  |



#88

1,4-Dichlorobenzene

Concen: 53.709 ug/l

RT: 13.60 min Scan# 1986

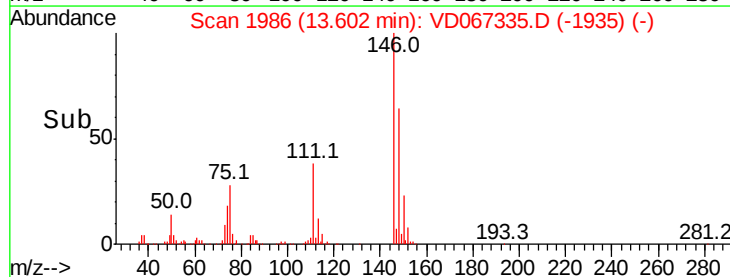
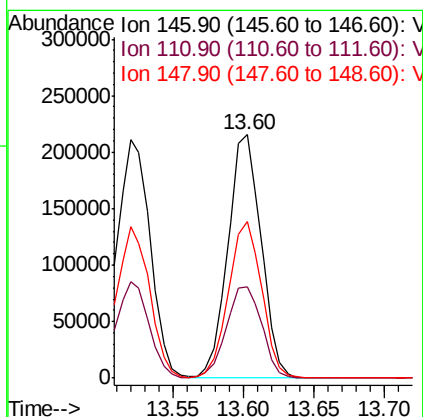
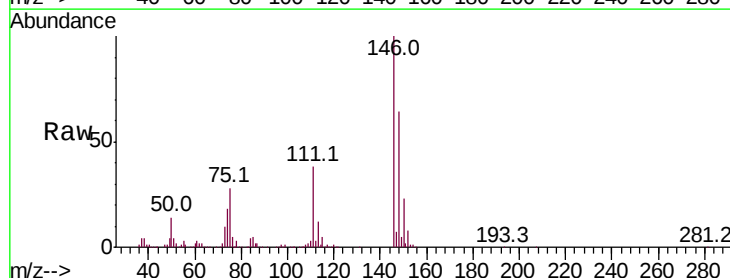
Delta R.T. 0.00 min

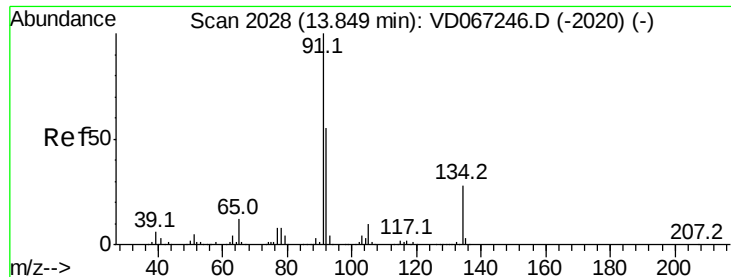
Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Tgt Ion:146 Resp: 353550

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 39.9  | 19.9  | 59.7  |
| 148 | 64.3  | 31.9  | 95.9  |

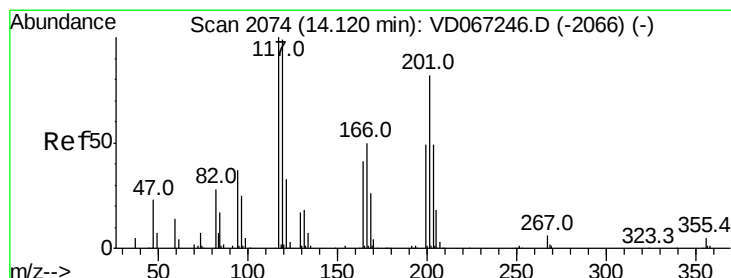
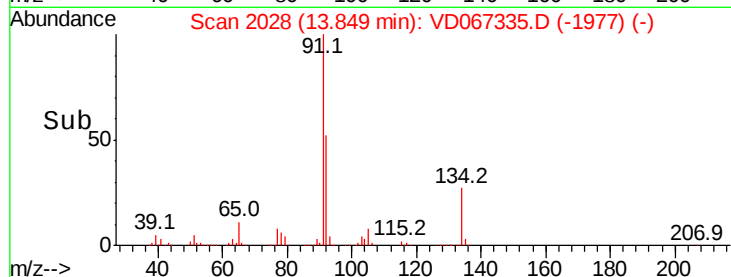
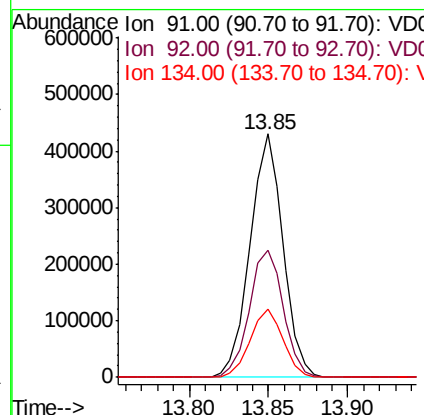
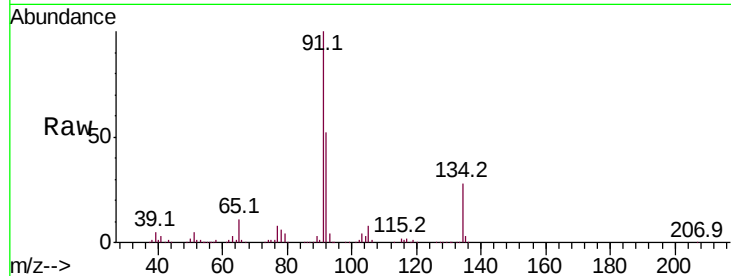




#89  
n-Butylbenzene  
Concen: 53.592 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

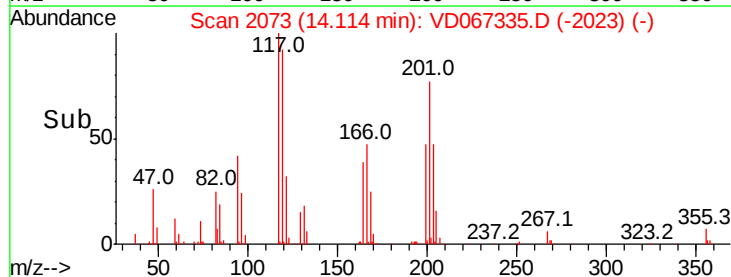
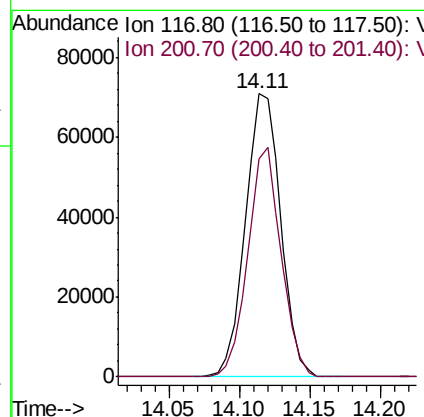
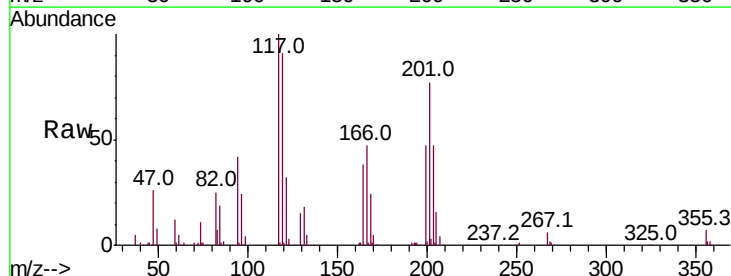
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

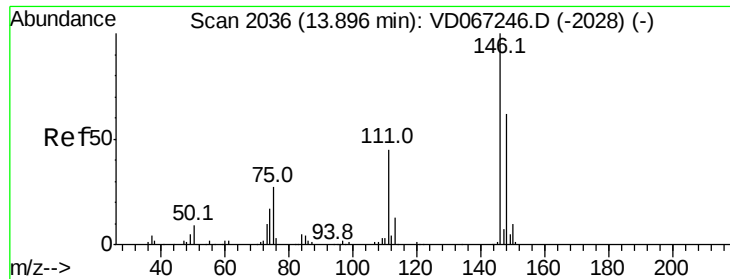
Tot Ion: 91 Resp: 620600  
Ion Ratio Lower Upper  
91 100  
92 53.8 26.7 80.0  
134 28.2 14.2 42.6



#90  
Hexachloroethane  
Concen: 54.134 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. -0.01 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Tgt Ion: 117 Resp: 124347  
Ion Ratio Lower Upper  
117 100  
201 76.1 40.8 122.2

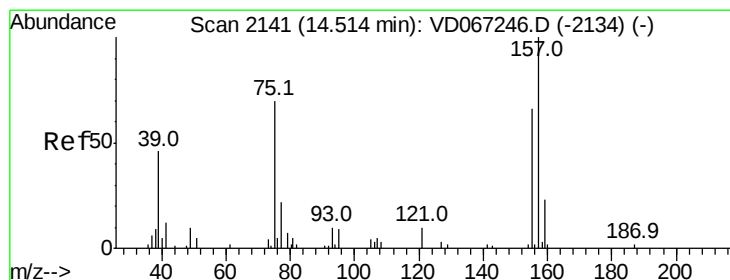
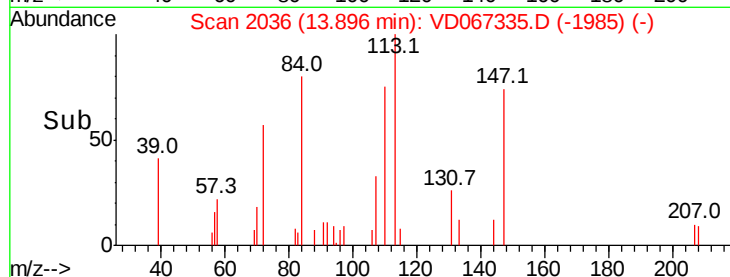
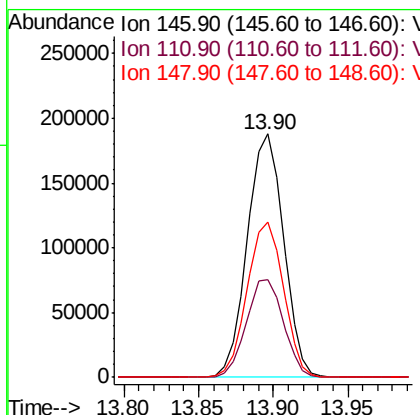
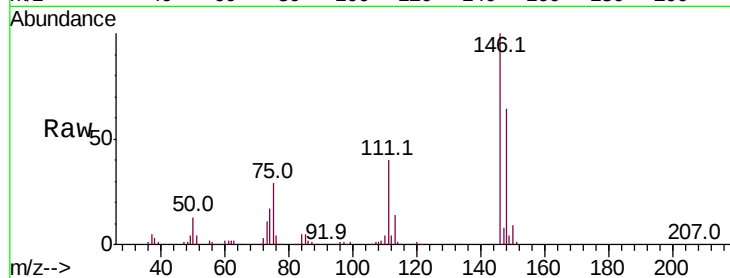




#91  
 1,2-Dichlorobenzene  
 Concen: 54.528 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. 0.00 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

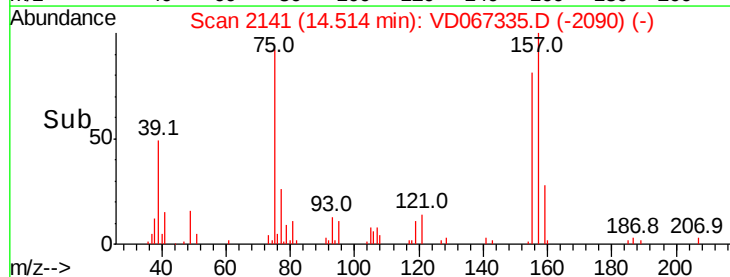
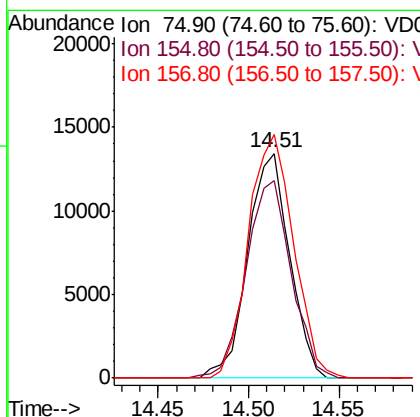
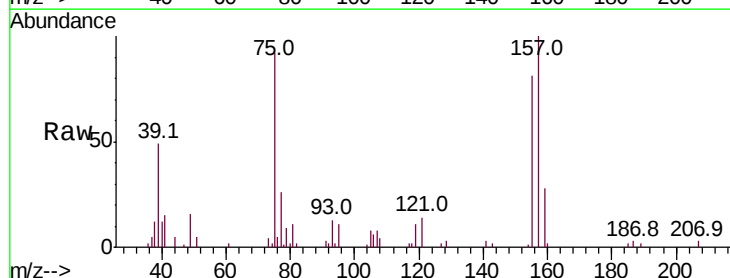
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

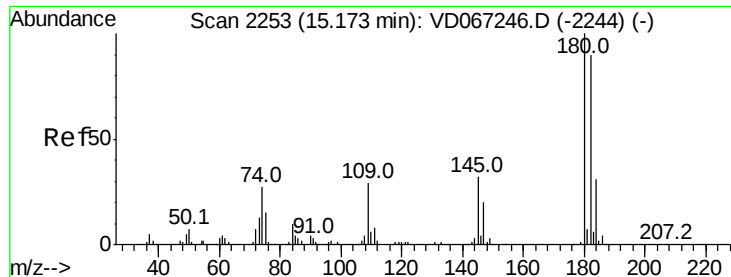
Tot Ion:146 Resp: 316493  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 22.0 66.0  
 148 63.9 32.5 97.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 56.078 ug/l  
 RT: 14.51 min Scan# 2141  
 Delta R.T. 0.00 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

Tgt Ion: 75 Resp: 21613  
 Ion Ratio Lower Upper  
 75 100  
 155 95.1 44.8 134.4  
 157 116.7 62.5 187.4

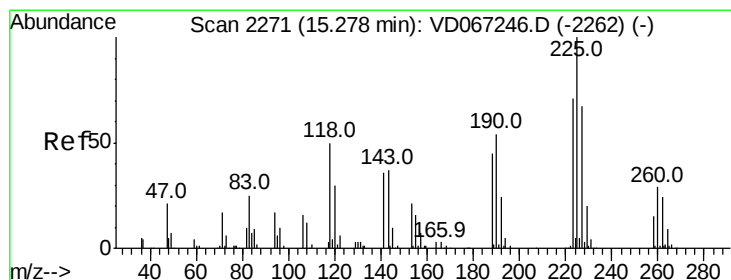
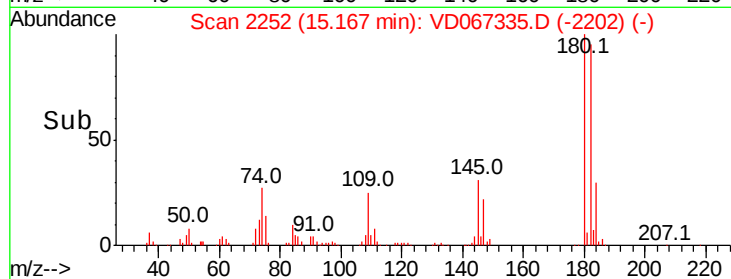
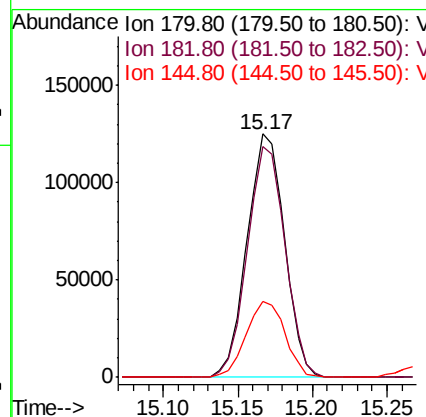
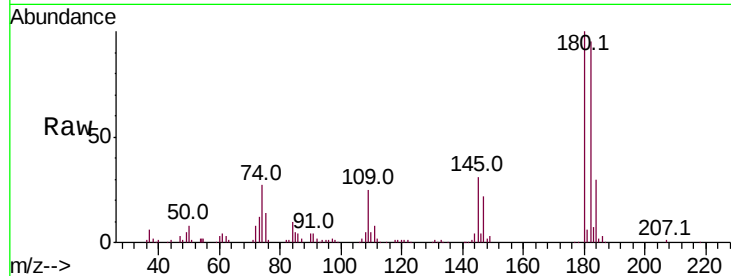




#93  
 1,2,4-Trichlorobenzene  
 Concen: 55.546 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. -0.01 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

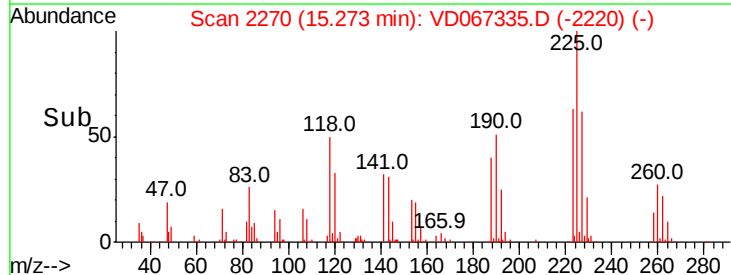
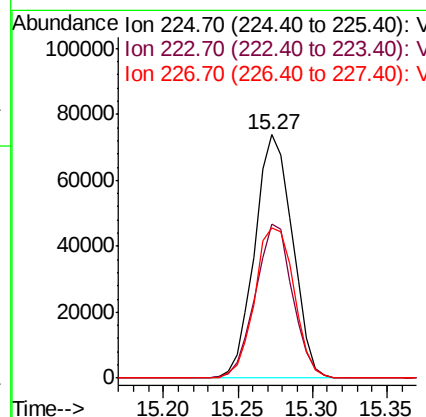
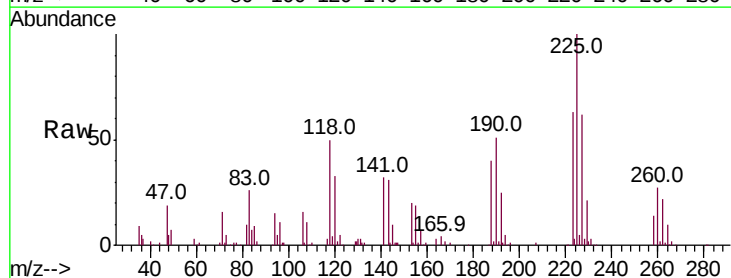
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

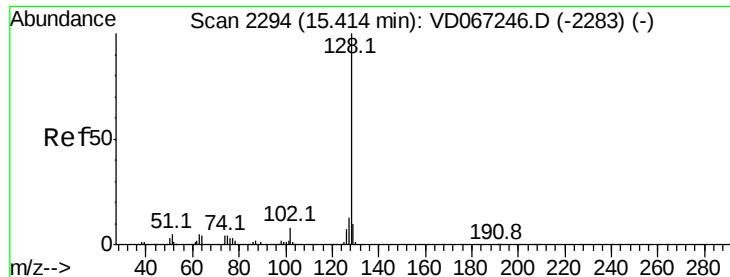
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 48.1  | 144.4 |
| 145     | 32.5  | 16.3  | 48.9  |



#94  
 Hexachlorobutadiene  
 Concen: 53.023 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. -0.01 min  
 Lab File: VD067335.D  
 Acq: 20 Oct 2020 20:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.4  | 31.9  | 95.7  |
| 227     | 64.4  | 31.2  | 93.6  |

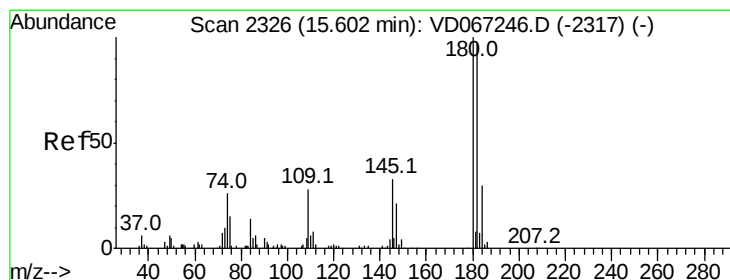
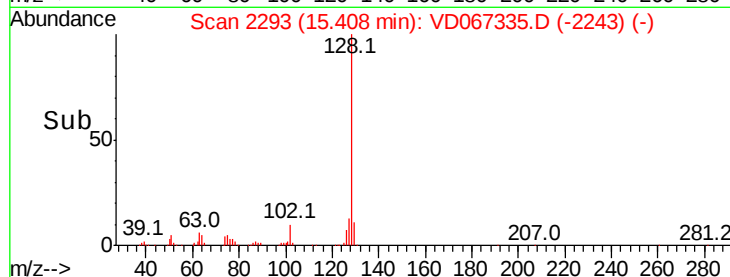
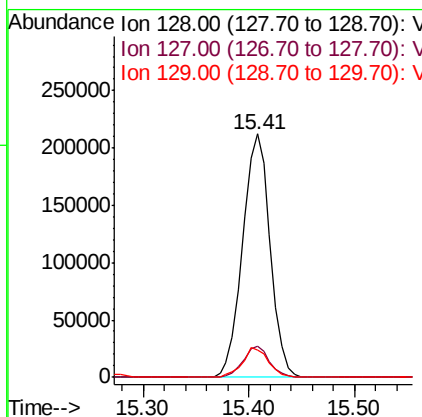
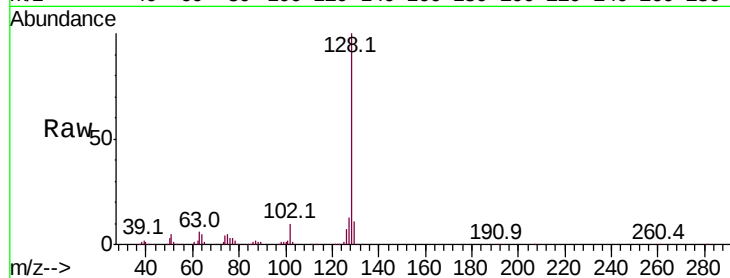




#95  
Naphthalene  
Concen: 59.586 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. -0.01 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:128 Resp: 382842  
Ion Ratio Lower Upper  
128 100  
127 12.2 10.4 15.6  
129 11.5 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 56.232 ug/l  
RT: 15.60 min Scan# 2326  
Delta R.T. 0.00 min  
Lab File: VD067335.D  
Acq: 20 Oct 2020 20:19

Tgt Ion:180 Resp: 190110  
Ion Ratio Lower Upper  
180 100  
182 94.7 48.1 144.3  
145 35.3 17.3 51.9

