

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\  
 Data File : VD067571.D  
 Acq On : 09 Nov 2020 17:39  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 11/10/2020 1:11:43 PM

Quant Time: Nov 10 01:10:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110320S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 00:56:28 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 301765   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 443133   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 404989   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 207106   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 128872   | 48.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.68%  |      |
| 35) Dibromofluoromethane  | 7.92   | 113 | 127799   | 47.87 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.74%  |      |
| 50) Toluene-d8            | 10.34  | 98  | 451965   | 48.17 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.34%  |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 162489   | 50.16 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.32% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 116110 | 47.287  | ug/l   | 99     |
| 3) Chloromethane              | 2.21 | 50  | 79830  | 42.482  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.35 | 62  | 88662  | 42.319  | ug/l   | 98     |
| 5) Bromomethane               | 2.77 | 94  | 74605  | 43.934  | ug/l   | 90     |
| 6) Chloroethane               | 2.92 | 64  | 56114  | 43.443  | ug/l   | 93     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 254841 | 46.978  | ug/l   | 97     |
| 8) Diethyl Ether              | 3.71 | 74  | 56852  | 52.012  | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 130536 | 47.672  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.30 | 142 | 139705 | 47.603  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.23 | 59  | 33406  | 297.637 | ug/l # | 88     |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 121194 | 48.118  | ug/l   | 97     |
| 13) Acrolein                  | 3.92 | 56  | 41851  | 345.174 | ug/l   | 94     |
| 14) Allyl chloride            | 4.71 | 41  | 131487 | 48.778  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.42 | 53  | 105973 | 262.272 | ug/l   | 99     |
| 16) Acetone                   | 4.16 | 43  | 100600 | 254.779 | ug/l   | 100    |
| 17) Carbon Disulfide          | 4.41 | 76  | 352360 | 45.655  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.71 | 43  | 46390  | 56.854  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73  | 270354 | 54.418  | ug/l   | 95     |
| 20) Methylene Chloride        | 4.97 | 84  | 141640 | 50.782  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 138329 | 47.153  | ug/l   | 94     |
| 22) Diisopropyl ether         | 6.37 | 45  | 276568 | 52.649  | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.31 | 43  | 736274 | 267.766 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 211661 | 49.253  | ug/l   | 97     |
| 25) 2-Butanone                | 7.21 | 43  | 112579 | 266.832 | ug/l   | 91     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 221180 | 48.766  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 151657 | 49.806  | ug/l   | 96     |
| 28) Bromochloromethane        | 7.55 | 49  | 79918  | 52.281  | ug/l   | 96     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 69939  | 276.739 | ug/l   | 98     |
| 30) Chloroform                | 7.71 | 83  | 264308 | 51.554  | ug/l   | 97     |
| 31) Cyclohexane               | 7.99 | 56  | 167848 | 43.860  | ug/l # | 89     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97  | 255322 | 48.267  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 187431 | 49.413  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.29 | 43  | 51243  | 52.035  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 249066 | 50.538  | ug/l   | 99     |

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 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 11/10/2020 1:11:43 PM

Quant Time: Nov 10 01:10:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110320S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 00:56:28 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 223121   | 49.977   | ug/l   | 94       |
| 40) Benzene                    | 8.36  | 78   | 515285   | 50.151   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.53  | 41   | 30170    | 51.254   | ug/l # | 74       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 167151   | 52.653   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 106896   | 54.887   | ug/l   | 99       |
| 44) Trichloroethene            | 9.12  | 130  | 166932   | 49.411   | ug/l   | 86       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 112725   | 50.744   | ug/l   | 96       |
| 46) Dibromomethane             | 9.48  | 93   | 74394    | 52.669   | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.67  | 83   | 200757   | 52.293   | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.46  | 41   | 50382    | 50.103   | ug/l # | 81       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 15831    | 1104.052 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 260145   | 279.296  | ug/l   | 99       |
| 52) Toluene                    | 10.41 | 92   | 361684   | 52.555   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 176347   | 53.633   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 203329   | 52.048   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 100769   | 53.920   | ug/l   | 94       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 104466   | 54.130   | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 158561   | 52.724   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 251288   | 279.215  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.99 | 43   | 188034   | 288.724  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 148027   | 53.544   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 99077    | 52.822   | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.88 | 164  | 151845   | 50.626   | ug/l   | 96       |
| 65) Chlorobenzene              | 11.67 | 112  | 394841   | 50.613   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 161959   | 52.675   | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.75 | 91   | 699002   | 52.362   | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.86 | 106  | 546783   | 105.282  | ug/l   | 98       |
| 69) o-Xylene                   | 12.18 | 106  | 245716   | 52.992   | ug/l   | 99       |
| 70) Styrene                    | 12.20 | 104  | 428696   | 53.057   | ug/l   | 99       |
| 71) Bromoform                  | 12.37 | 173  | 87109    | 55.550   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 694896   | 51.916   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.29 | 43   | 96520    | 54.802   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 97153    | 53.229   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 59422m   | 47.561   | ug/l   |          |
| 77) Bromobenzene               | 12.77 | 156  | 174312   | 53.028   | ug/l   | 96       |
| 78) n-propylbenzene            | 12.83 | 91   | 787642   | 51.446   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 451692   | 51.938   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 602213   | 52.669   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 31388    | 51.006   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 483204   | 51.805   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 498549   | 51.447   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 609353   | 53.539   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 678087   | 51.835   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 650615   | 51.503   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 321383   | 51.238   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 315780   | 49.720   | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.85 | 91   | 572555   | 52.473   | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 120430   | 50.624   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 281533   | 51.862   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 18643    | 57.690   | ug/l   | 96       |

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Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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Quant Time: Nov 10 01:10:10 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110320S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 04 00:56:28 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 197725   | 53.665 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 120029   | 48.676 | ug/l  | 100      |
| 95) Naphthalene            | 15.40 | 128  | 328987   | 57.859 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 170759   | 54.121 | ug/l  | 98       |

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

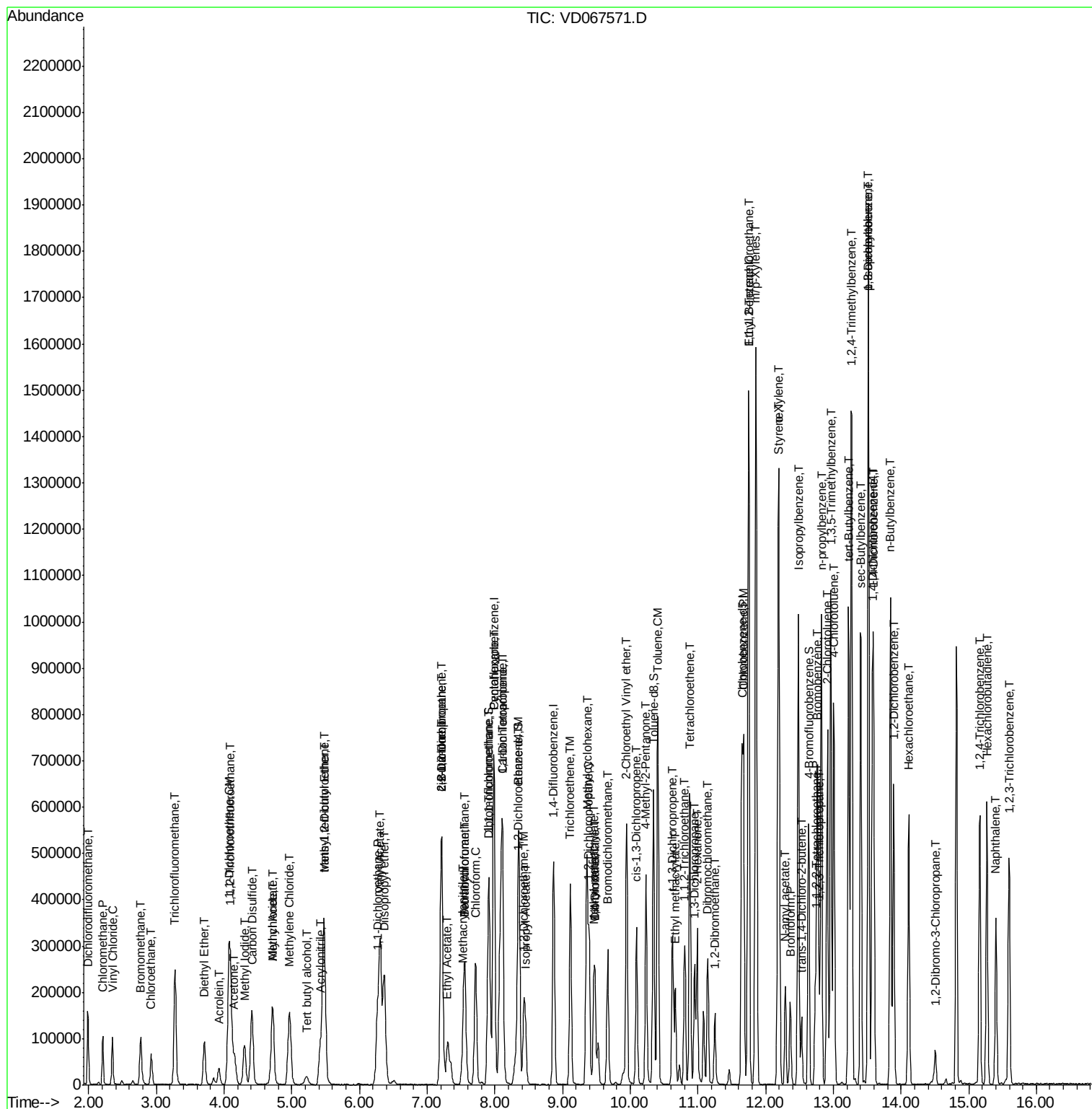
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Data File : VD067571.D  
Acq On : 09 Nov 2020 17:39  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 17 Sample Multiplier: 1

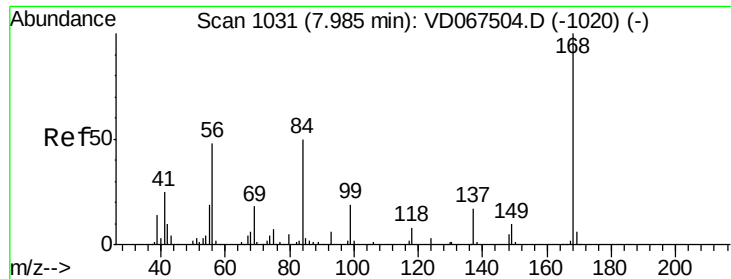
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 301765

Ion Ratio Lower Upper

168 100

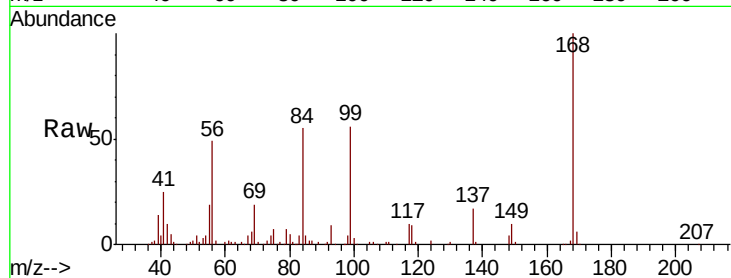
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Manual Integrations

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11/10/2020 1:11:43 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

150000

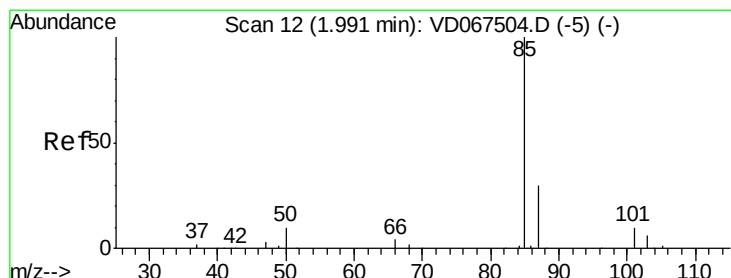
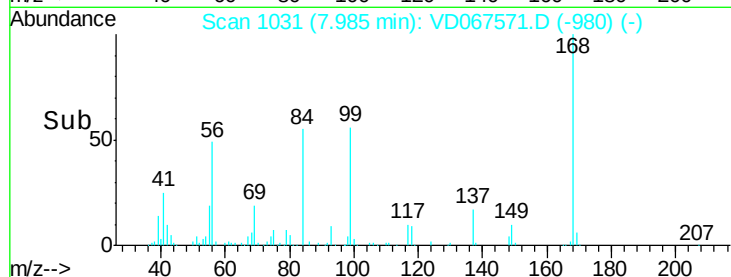
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50000

0

7.90 7.98 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.287 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067571.D

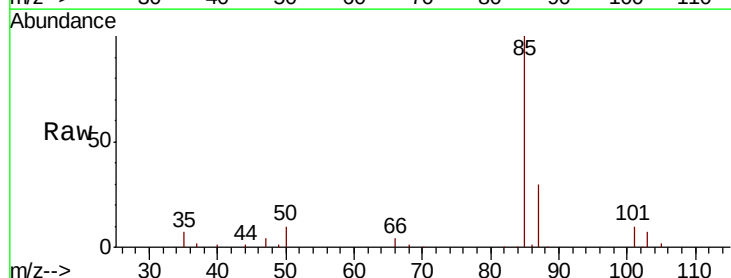
Acq: 09 Nov 2020 17:39

Tgt Ion: 85 Resp: 116110

Ion Ratio Lower Upper

85 100

87 29.8 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

100000

80000

60000

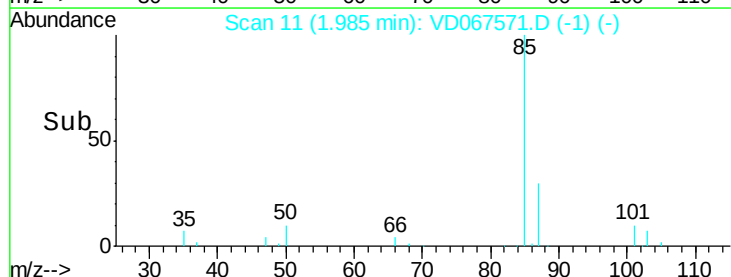
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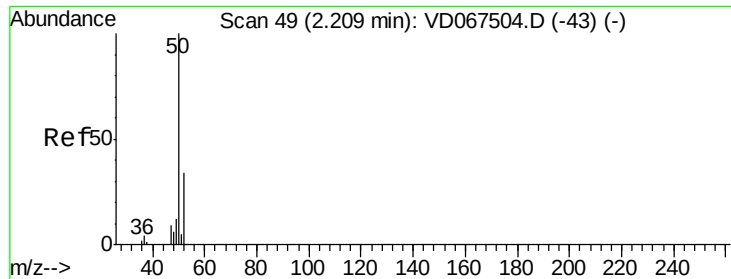
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1.90 1.95 1.99 2.00 2.05

Time-->





#3

Chloromethane

Concen: 42.482 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 79830

Ion Ratio Lower Upper

50 100

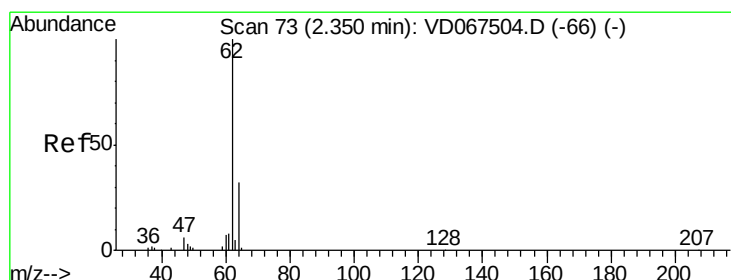
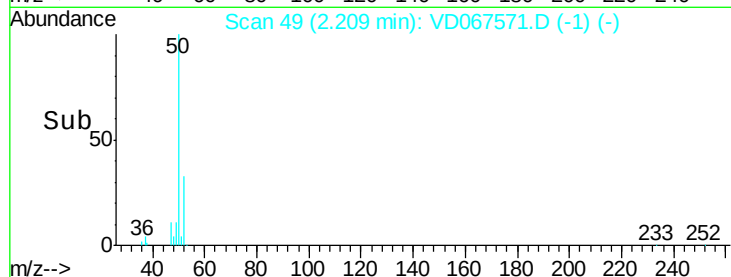
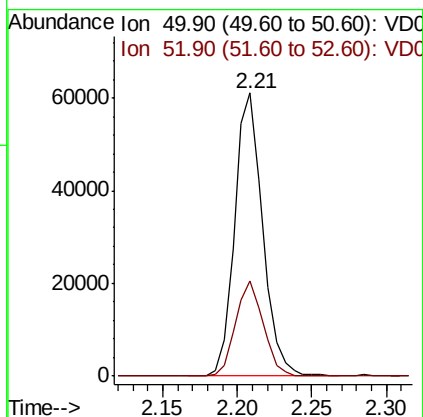
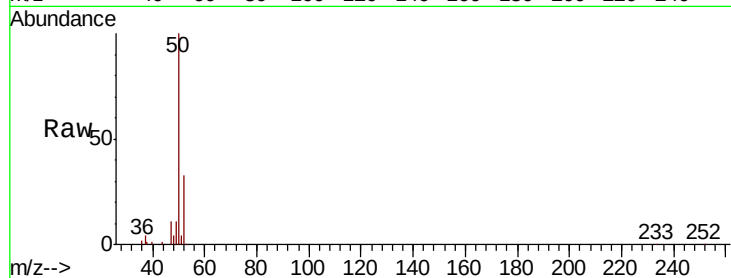
52 33.4 27.3 40.9

Manual Integrations

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11/10/2020 1:11:43 PM



#4

Vinyl Chloride

Concen: 42.319 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067571.D

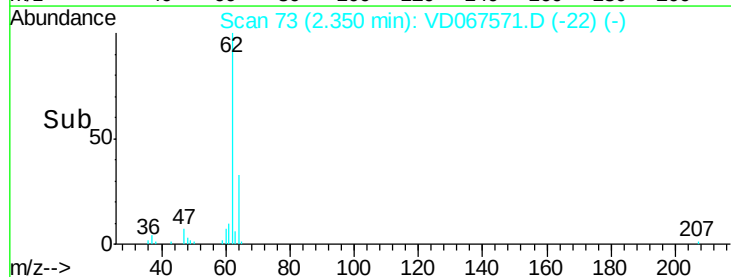
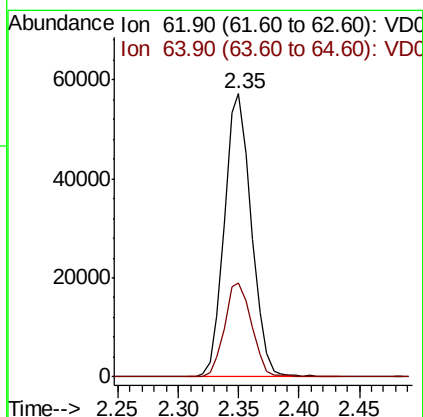
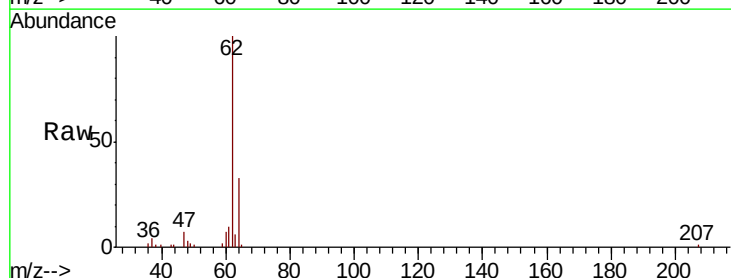
Acq: 09 Nov 2020 17:39

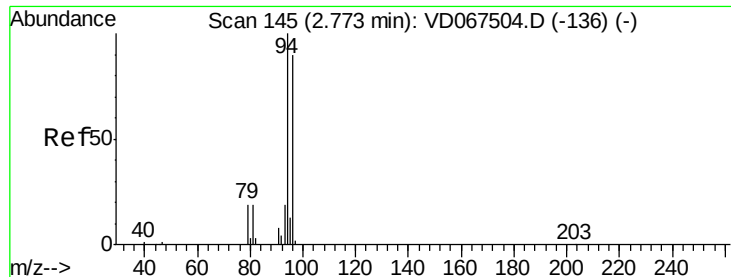
Tgt Ion: 62 Resp: 88662

Ion Ratio Lower Upper

62 100

64 33.3 25.6 38.4





#5

Bromomethane

Concen: 43.934 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 74605

Ion Ratio Lower Upper

94 100

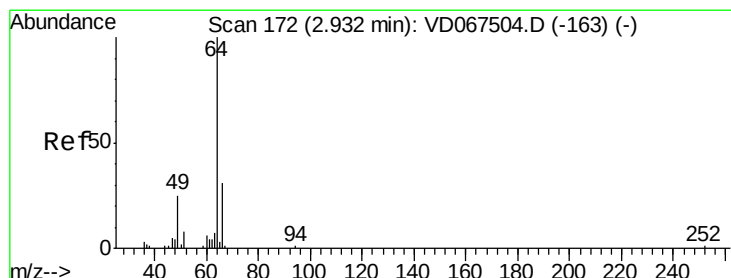
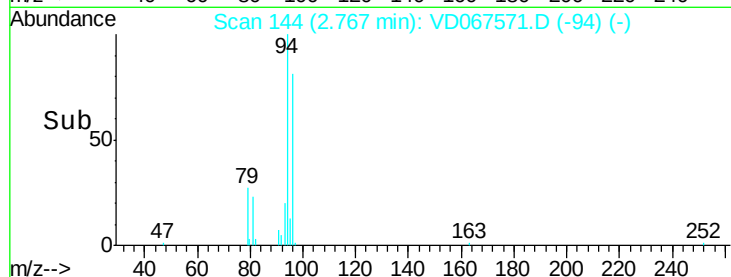
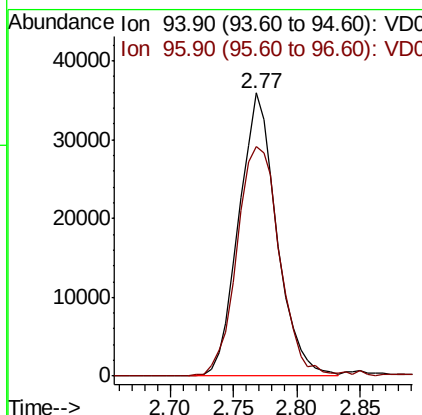
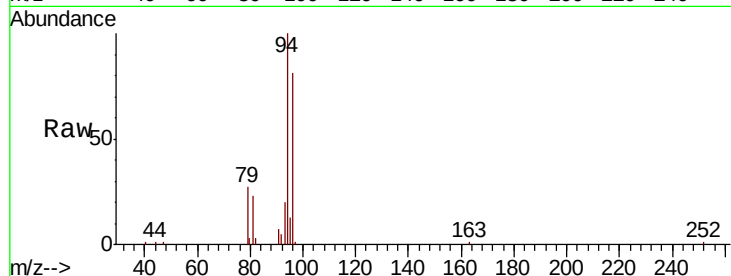
96 81.2 72.2 108.2

Manual Integrations

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11/10/2020 1:11:43 PM



#6

Chloroethane

Concen: 43.443 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067571.D

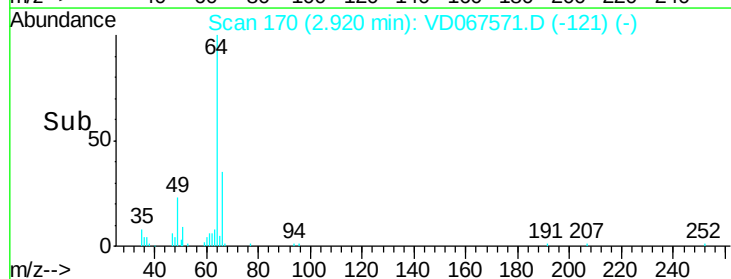
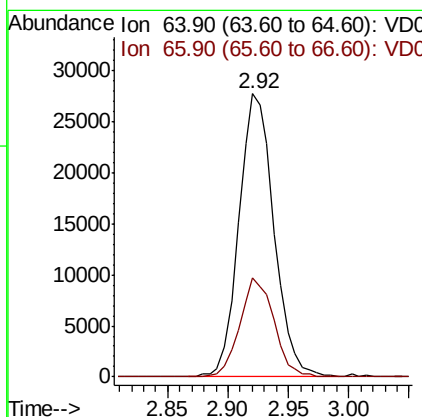
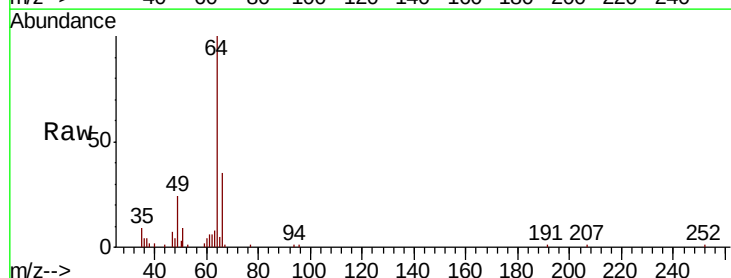
Acq: 09 Nov 2020 17:39

Tgt Ion: 64 Resp: 56114

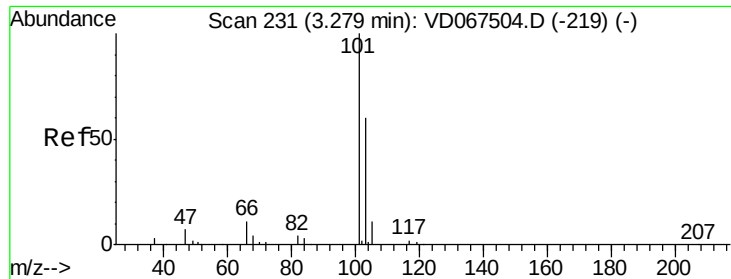
Ion Ratio Lower Upper

64 100

66 34.8 24.6 36.8







#7

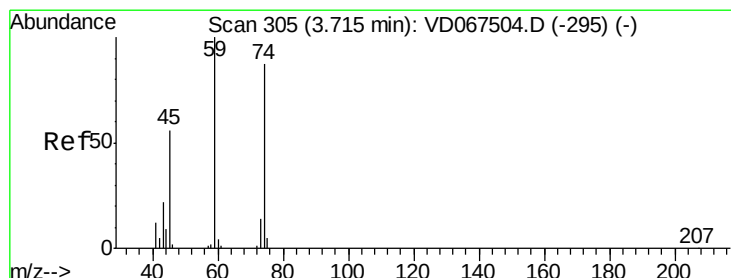
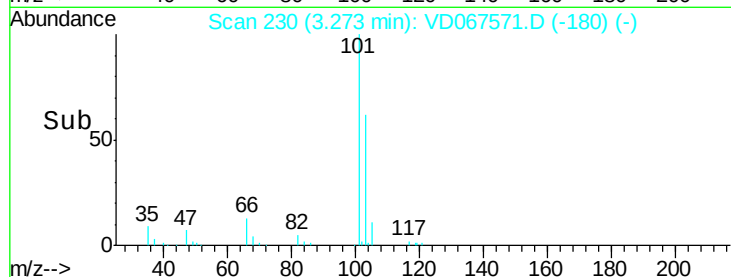
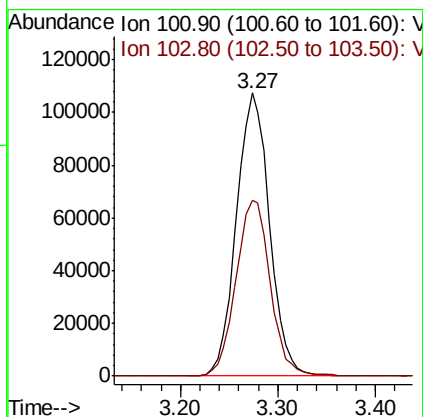
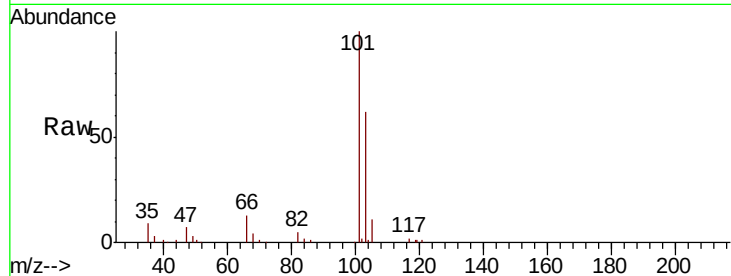
Trichlorofluoromethane  
Concen: 46.978 ug/l  
RT: 3.27 min Scan# 230  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 254841 |       |       |
| 103     | 62.3 | 48.1  | 72.1   |       |       |

Manual Integrations  
APPROVED

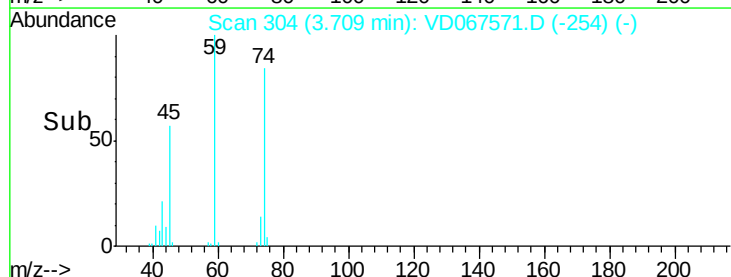
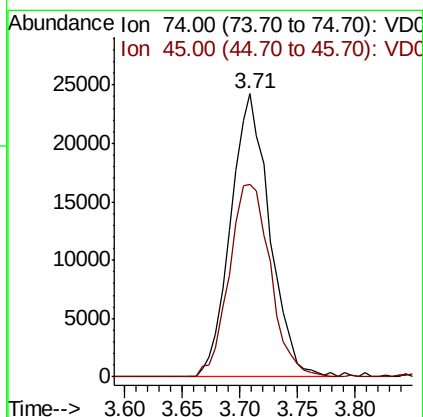
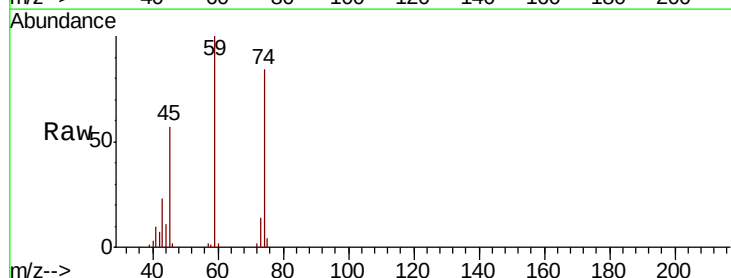
MMDadoda  
11/10/2020 1:11:43 PM



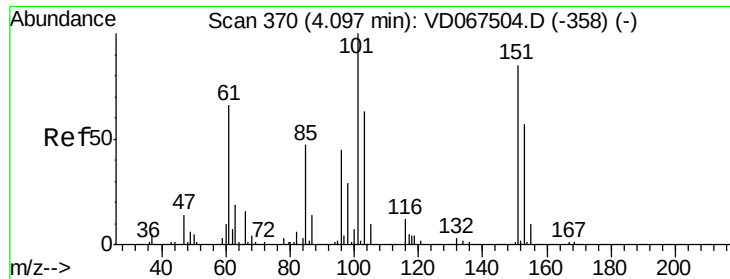
#8

Diethyl Ether  
Concen: 52.012 ug/l  
RT: 3.71 min Scan# 304  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 74      | 100  |       | 56852 |       |       |
| 45      | 71.9 | 38.2  | 114.6 |       |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.672 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA\_D

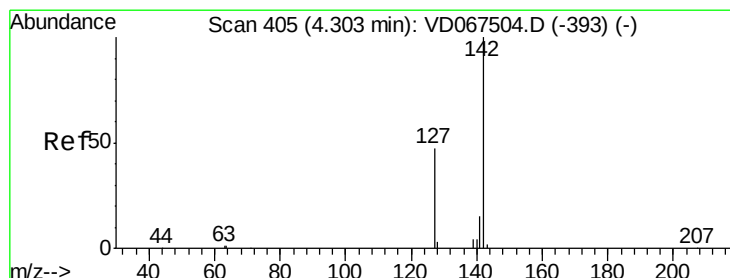
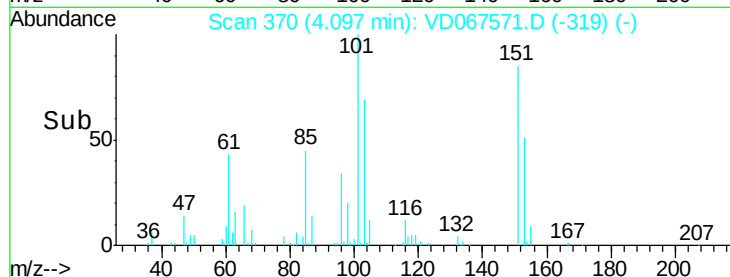
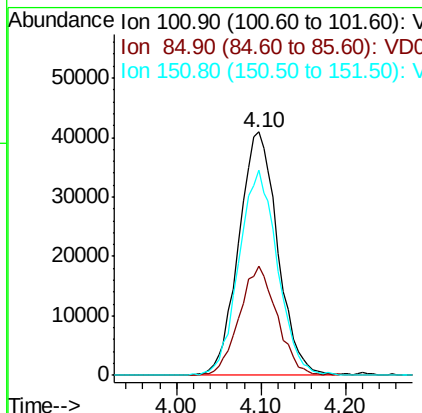
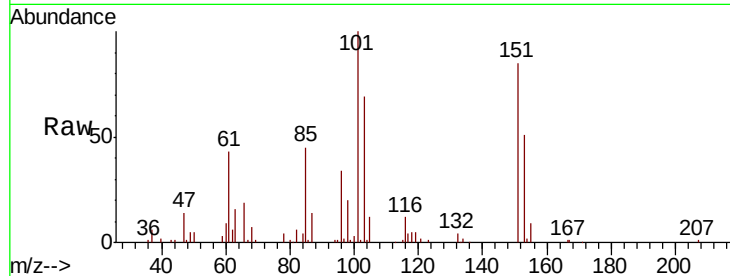
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 130536 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.5  | 34.4  | 51.6   |
| 151       | 83.8  | 68.1  | 102.1  |

Manual Integrations  
APPROVED

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11/10/2020 1:11:43 PM



#10

Methyl Iodide

Concen: 47.603 ug/l

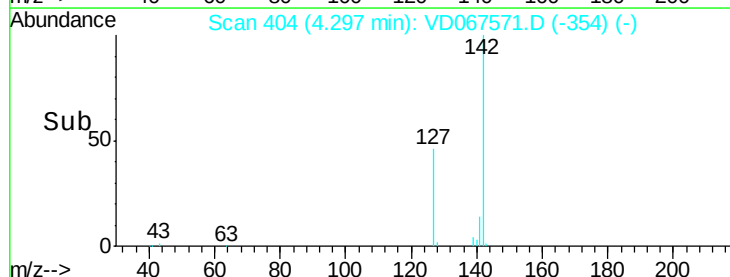
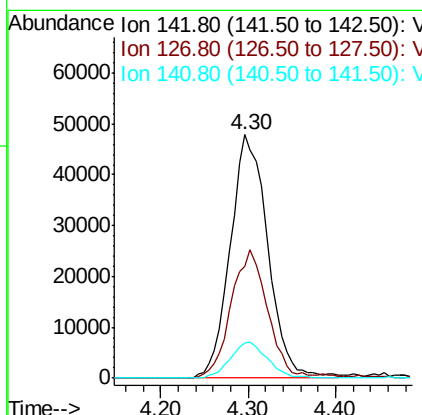
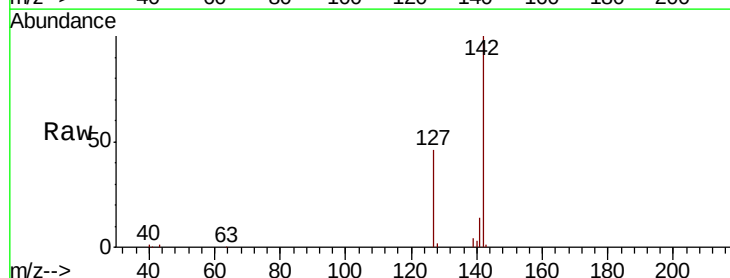
RT: 4.30 min Scan# 404

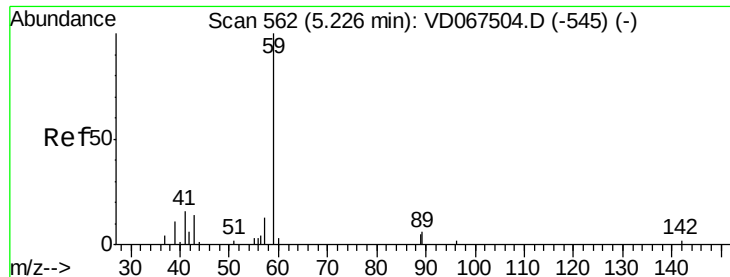
Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 139705 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 51.1  | 40.0  | 60.0   |
| 141       | 14.7  | 11.7  | 17.5   |





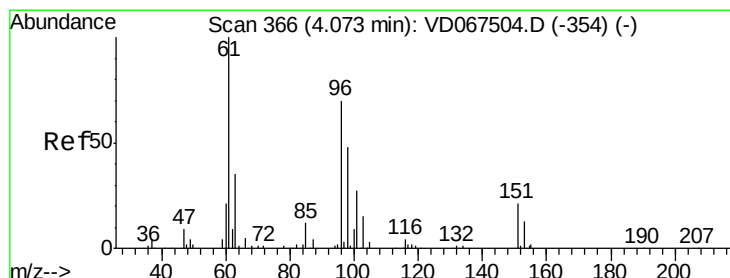
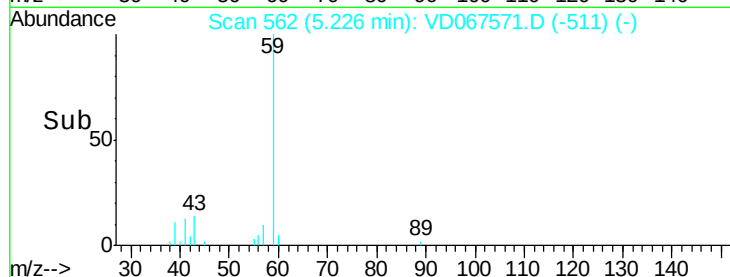
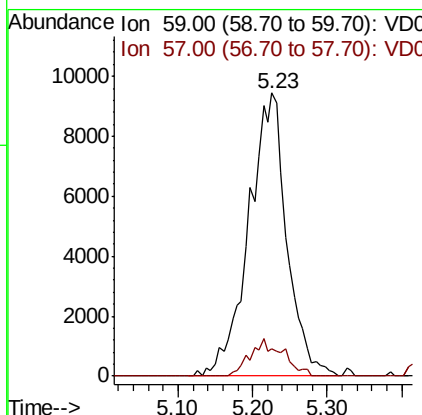
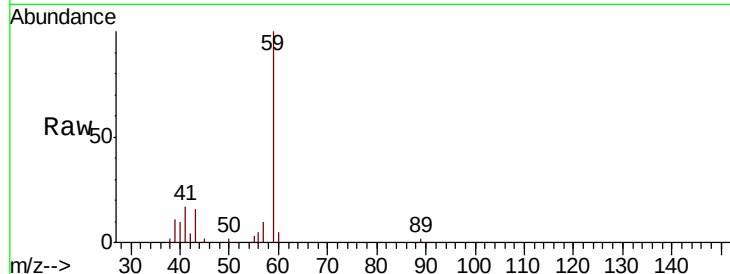
#11  
Tert butyl alcohol  
Concen: 297.637 ug/l  
RT: 5.23 min Scan# 562  
Delta R.T. 0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 59 Resp: 33406  
Ion Ratio Lower Upper  
59 100  
57 11.4 5.9 8.9#

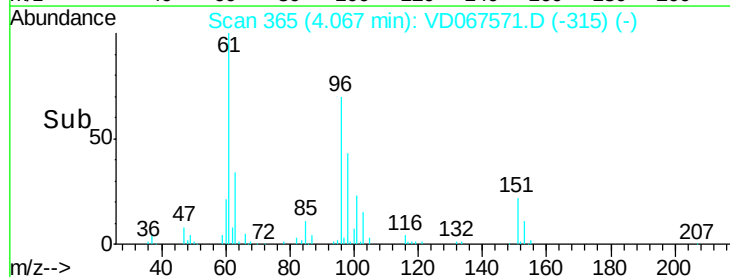
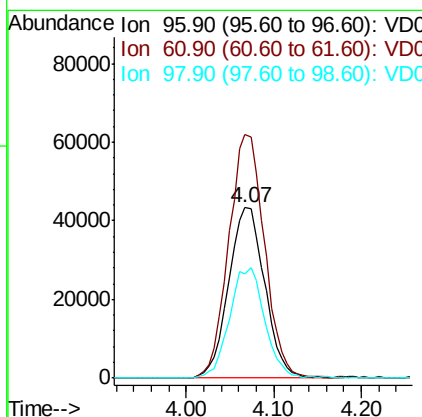
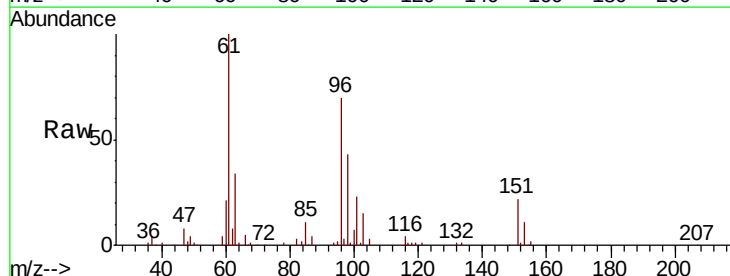
Manual Integrations  
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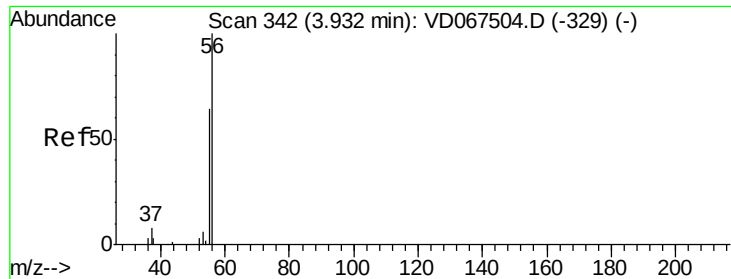
MMDadoda  
11/10/2020 1:11:43 PM



#12  
1,1-Dichloroethene  
Concen: 48.118 ug/l  
RT: 4.07 min Scan# 365  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Tgt Ion: 96 Resp: 121194  
Ion Ratio Lower Upper  
96 100  
61 143.1 114.5 171.7  
98 61.1 54.5 81.7





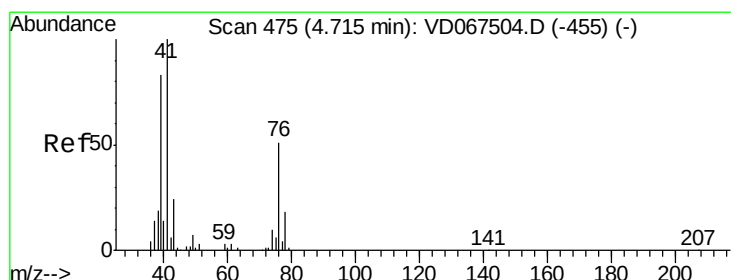
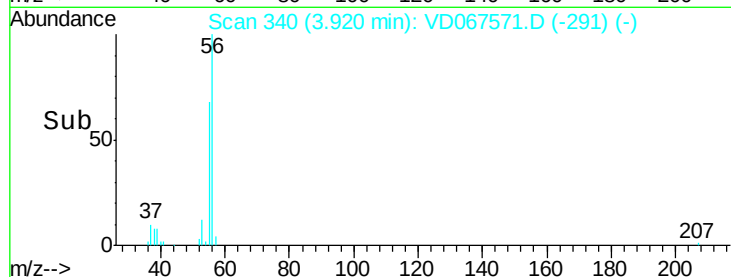
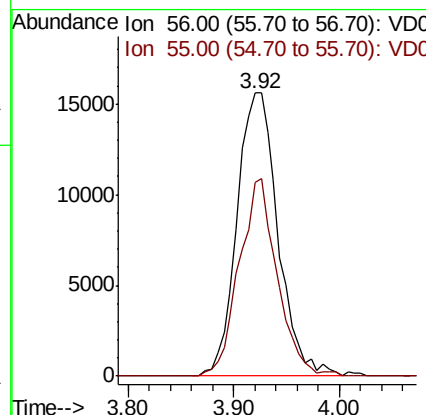
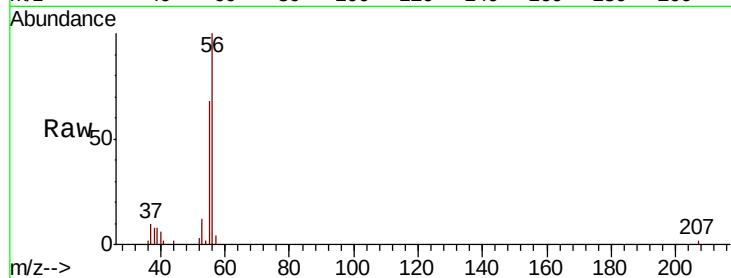
#13  
Acrolein  
Concen: 345.174 ug/l  
RT: 3.92 min Scan# 340  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 56   | Resp  | 41851 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 56        | 100  |       |       |
| 55        | 64.8 | 55.8  | 83.8  |

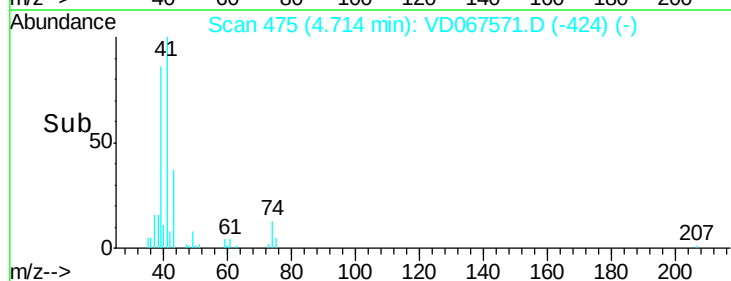
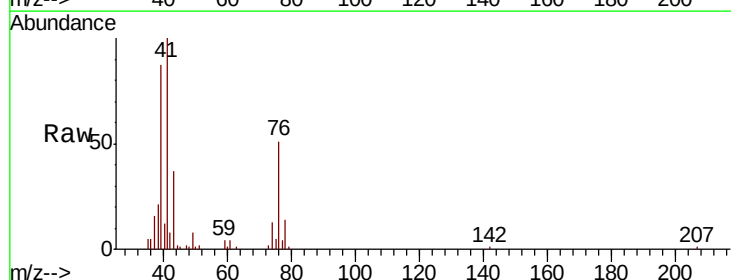
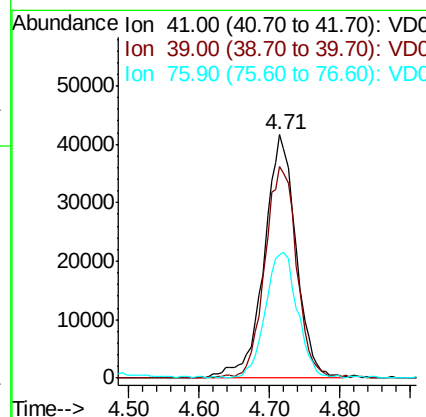
Manual Integrations  
APPROVED

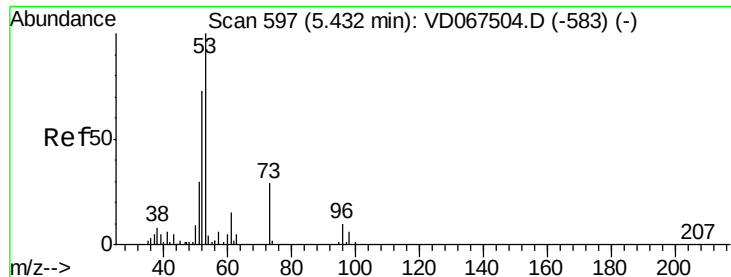
MMDadoda  
11/10/2020 1:11:43 PM



#14  
Allyl chloride  
Concen: 48.778 ug/l  
RT: 4.71 min Scan# 475  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion   | 41   | Resp  | 131487 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 41        | 100  |       |        |
| 39        | 86.6 | 67.4  | 101.0  |
| 76        | 52.0 | 42.2  | 63.2   |





#15

Acrylonitrile

Concen: 262.272 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA\_D

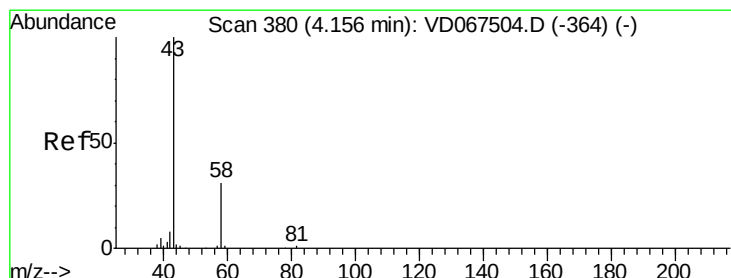
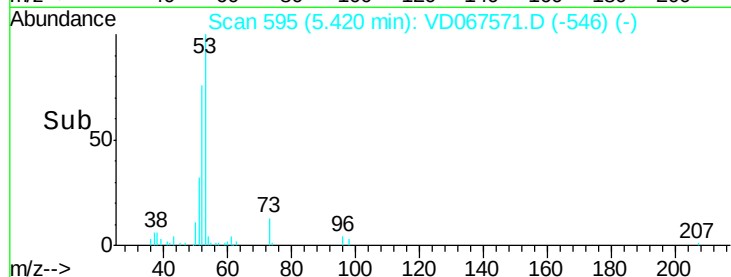
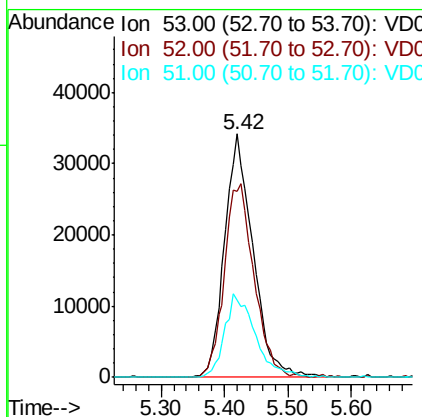
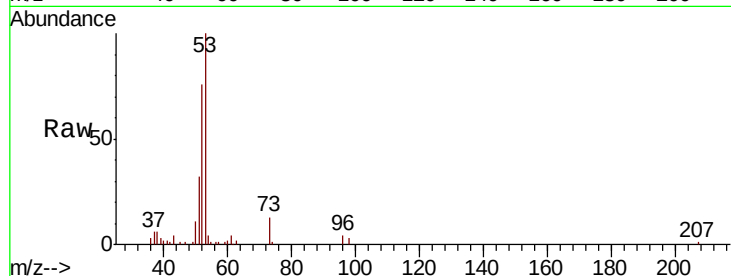
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 105973 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.6  | 64.8  | 97.2   |
| 51       | 36.8  | 29.5  | 44.3   |

Manual Integrations  
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11/10/2020 1:11:43 PM



#16

Acetone

Concen: 254.779 ug/l

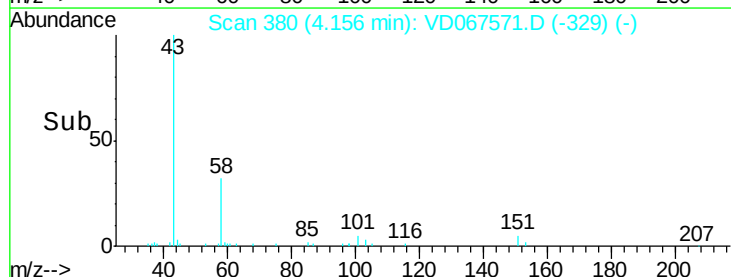
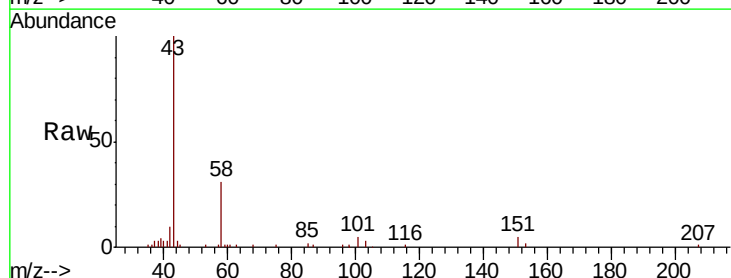
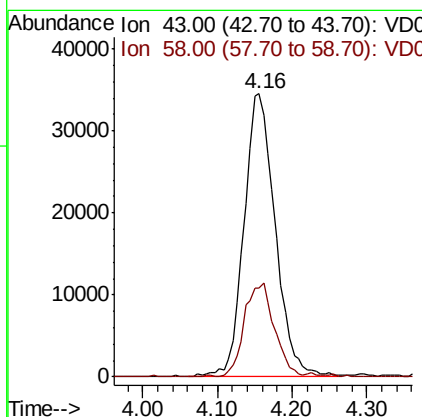
RT: 4.16 min Scan# 380

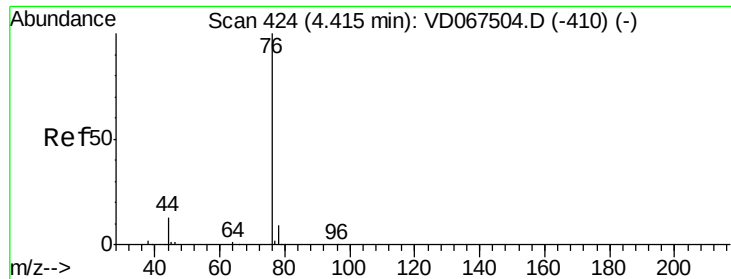
Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 100600 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 31.3  | 25.2  | 37.8   |





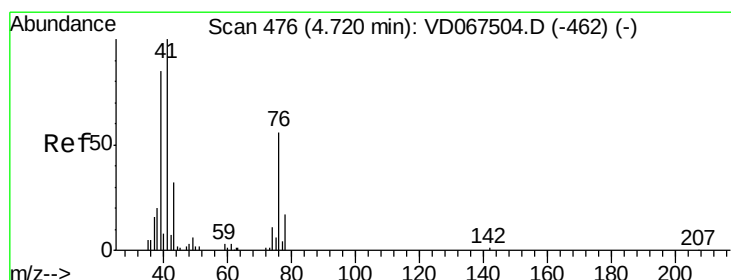
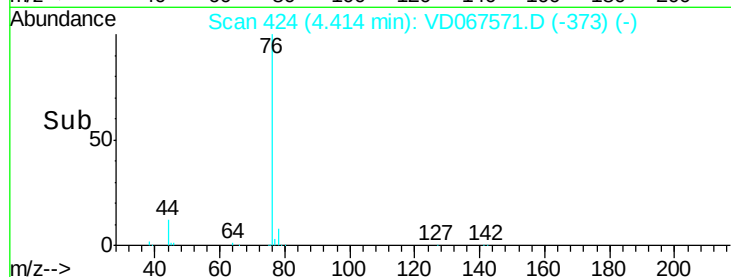
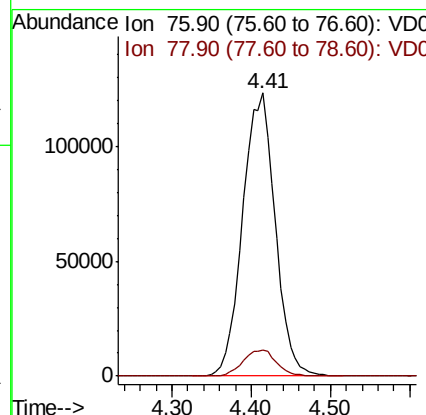
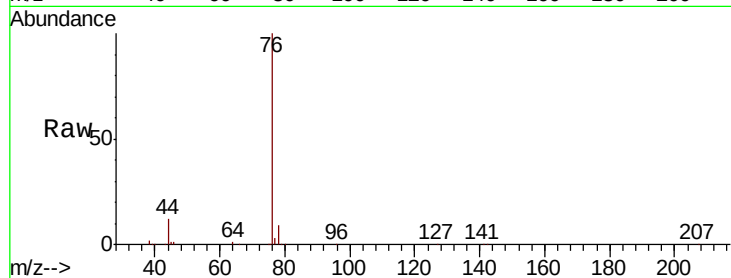
#17  
Carbon Disulfide  
Concen: 45.655 ug/l  
RT: 4.41 min Scan# 424  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.0   | 7.2   | 10.8  |

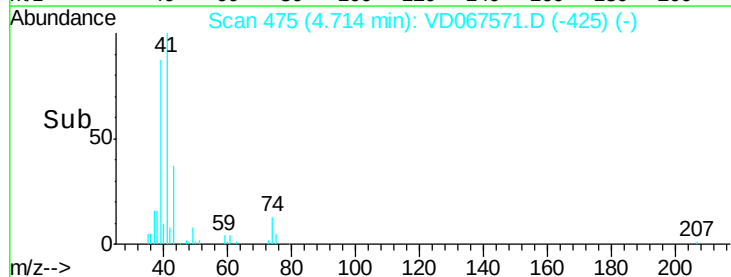
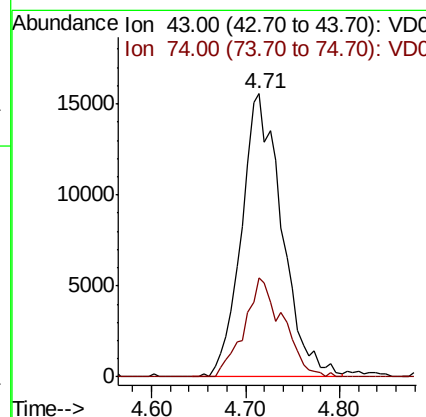
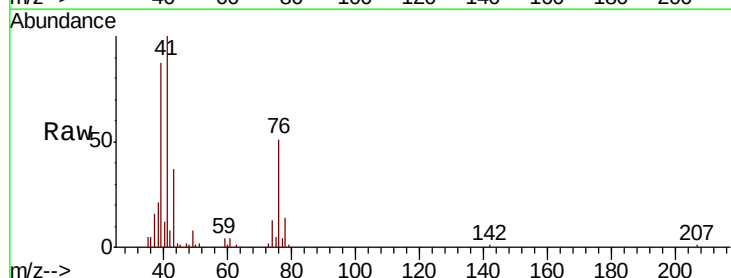
Manual Integrations  
APPROVED

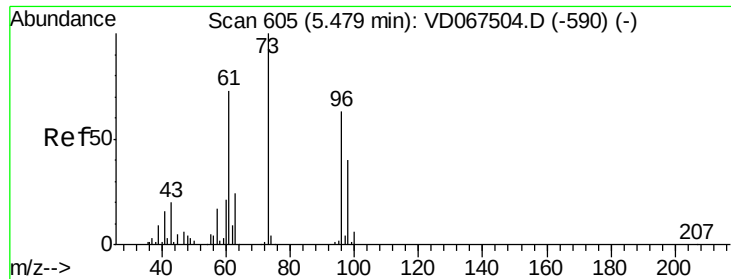
MMDadoda  
11/10/2020 1:11:43 PM



#18  
Methyl Acetate  
Concen: 56.854 ug/l  
RT: 4.71 min Scan# 475  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 33.5  | 27.2  | 40.8  |





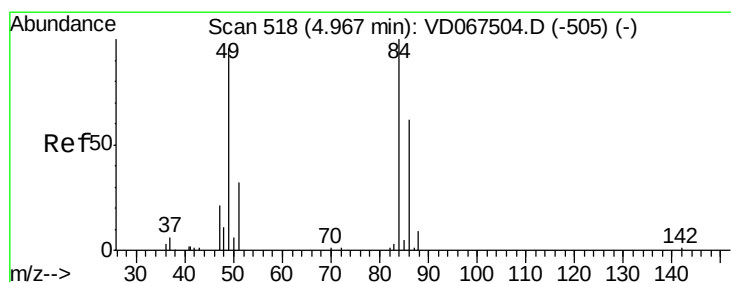
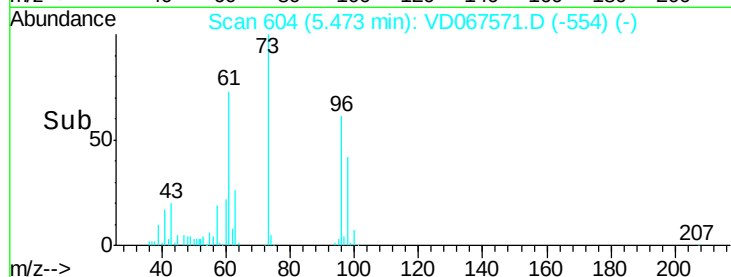
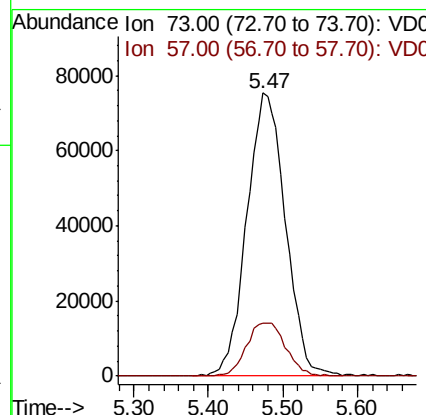
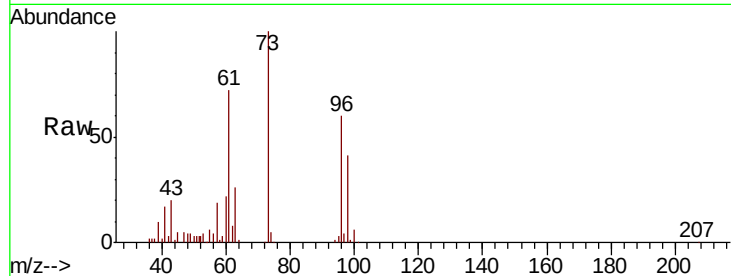
#19  
Methyl tert-butyl Ether  
Concen: 54.418 ug/l  
RT: 5.47 min Scan# 604  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 270354  
Ion Ratio Lower Upper  
73 100  
57 18.7 13.4 20.0

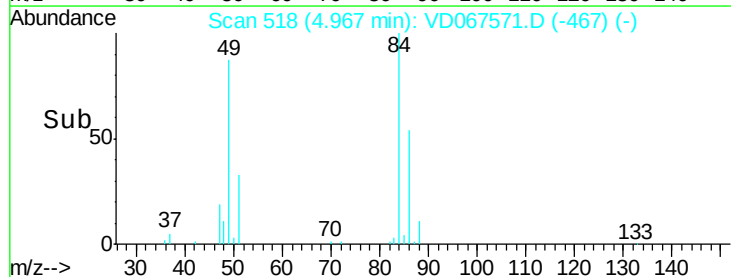
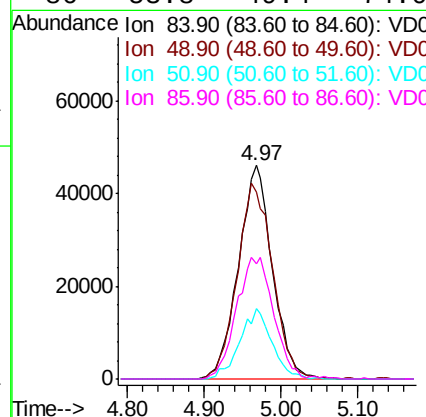
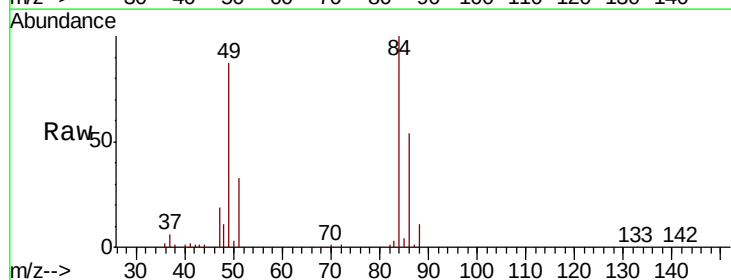
Manual Integrations  
APPROVED

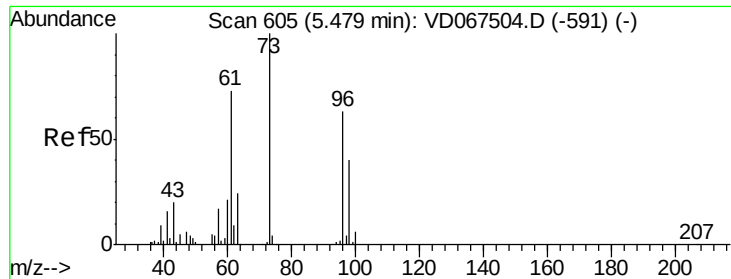
MMDadoda  
11/10/2020 1:11:43 PM



#20  
Methylene Chloride  
Concen: 50.782 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Tgt Ion: 84 Resp: 141640  
Ion Ratio Lower Upper  
84 100  
49 87.3 77.0 115.4  
51 33.0 25.4 38.2  
86 53.8 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 47.153 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA\_D

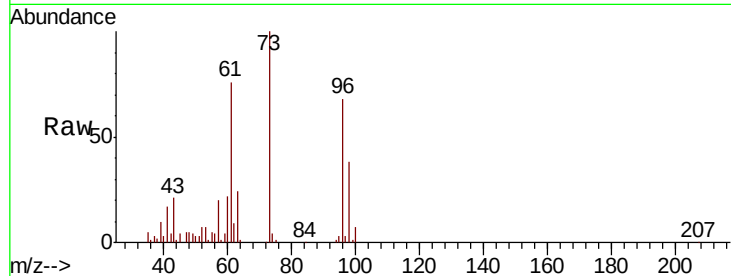
ClientSampleId :

VSTDCCC050EC

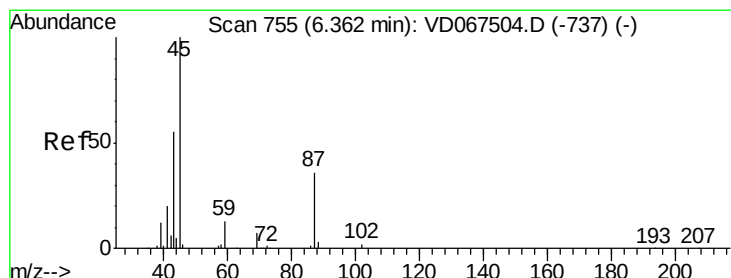
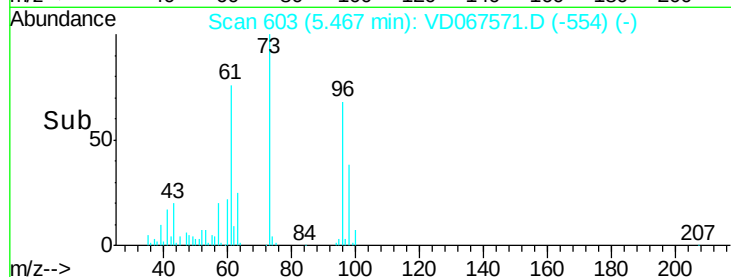
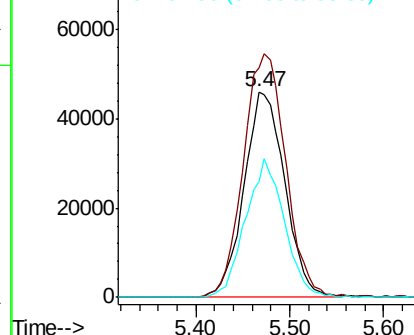
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 138329 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 111.4 | 93.0  | 139.6  |
| 98       | 56.1  | 50.9  | 76.3   |

Manual Integrations  
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11/10/2020 1:11:43 PM



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



#22

Diisopropyl ether

Concen: 52.649 ug/l

RT: 6.37 min Scan# 756

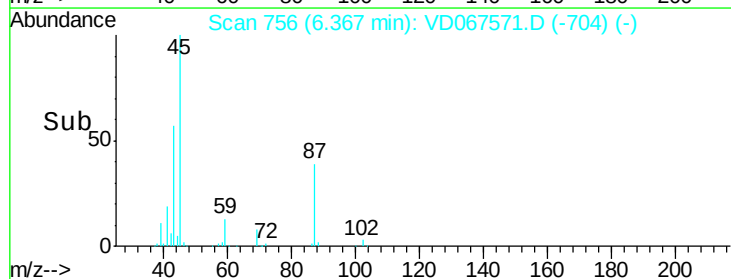
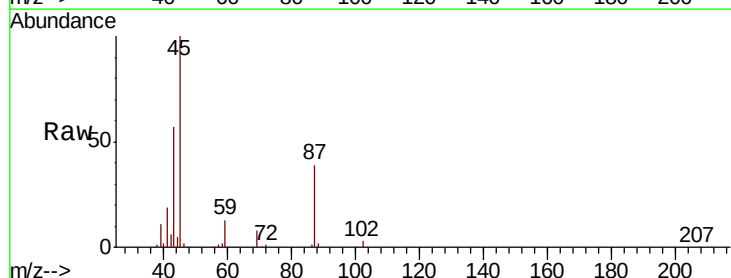
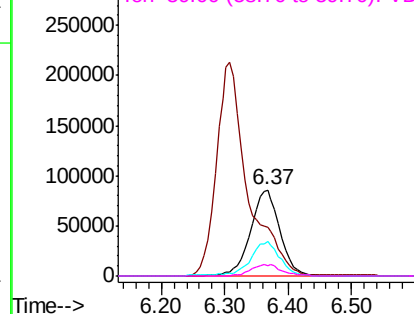
Delta R.T. 0.01 min

Lab File: VD067571.D

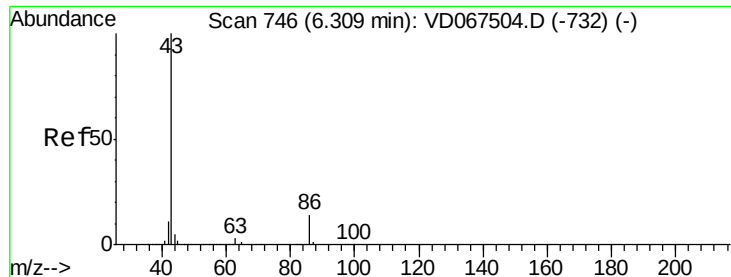
Acq: 09 Nov 2020 17:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 276568 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 55.8  | 46.2  | 69.4   |
| 87       | 39.4  | 29.4  | 44.2   |
| 59       | 12.5  | 10.8  | 16.2   |

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







#23

Vinyl Acetate

Concen: 267.766 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 736274

Ion Ratio Lower Upper

43 100

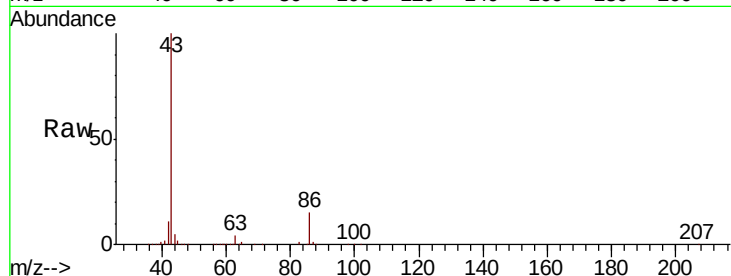
86 15.0 11.6 17.4

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

250000

200000

150000

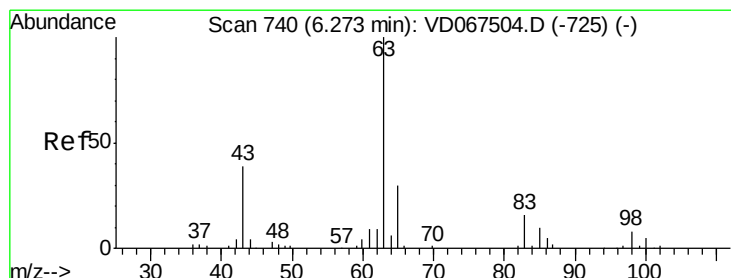
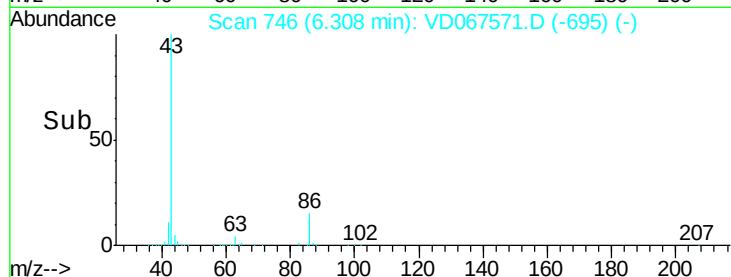
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 49.253 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

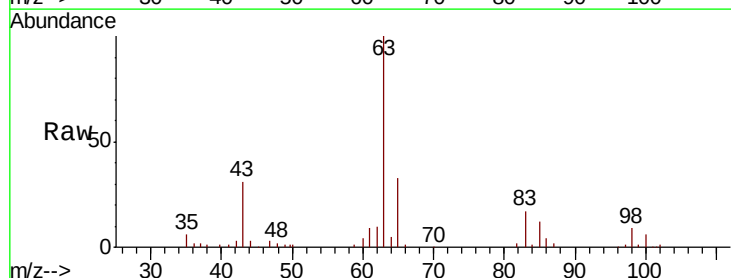
Tgt Ion: 63 Resp: 211661

Ion Ratio Lower Upper

63 100

98 8.6 3.9 11.5

100 6.4 2.6 7.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

80000

60000

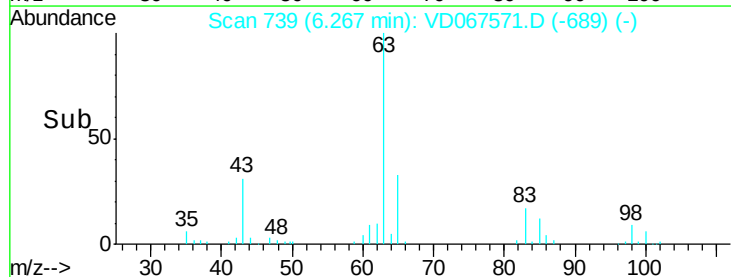
40000

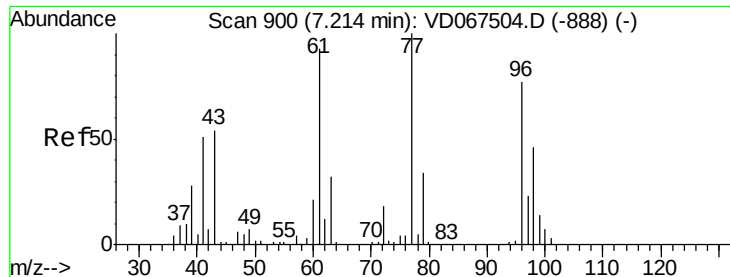
20000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 266.832 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 112579

Ion Ratio Lower Upper

43 100

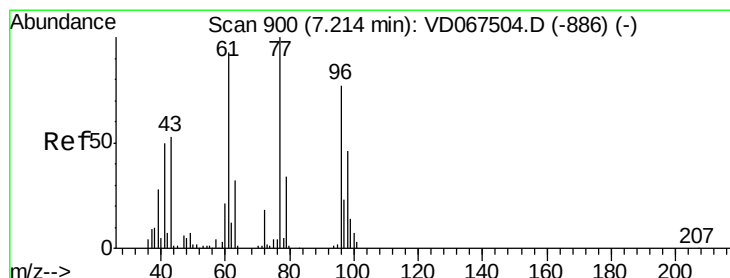
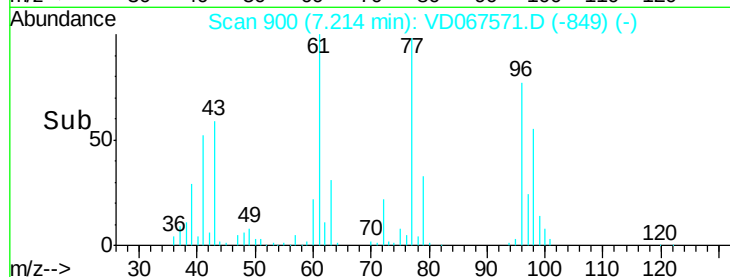
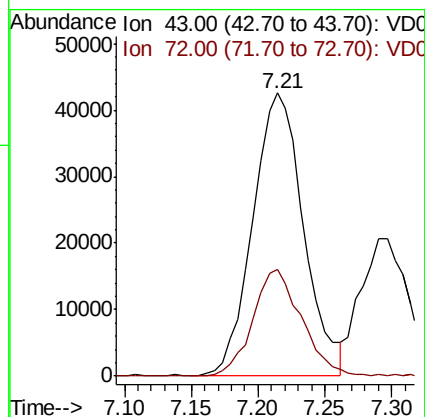
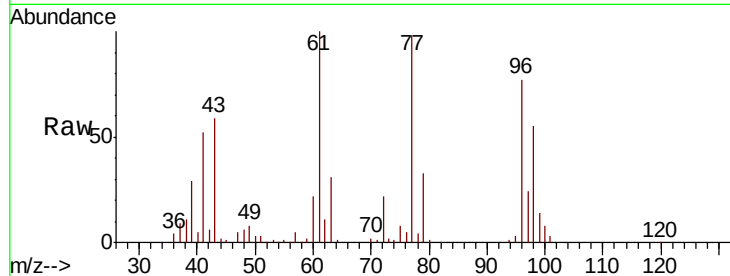
72 37.9 26.4 39.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.766 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067571.D

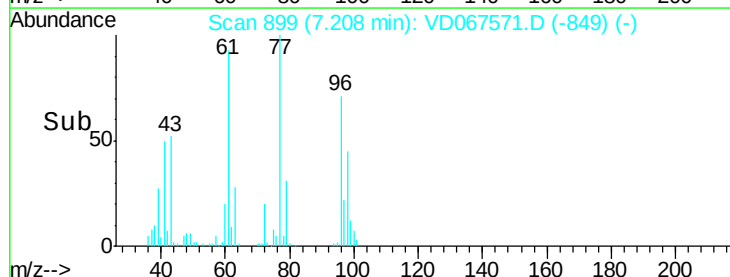
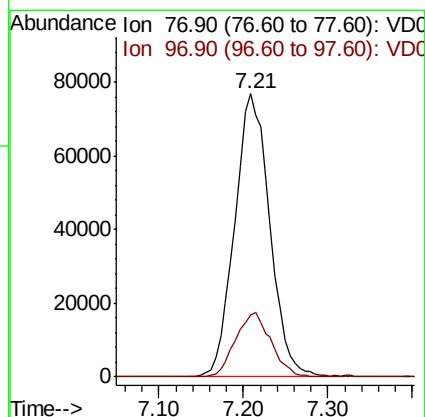
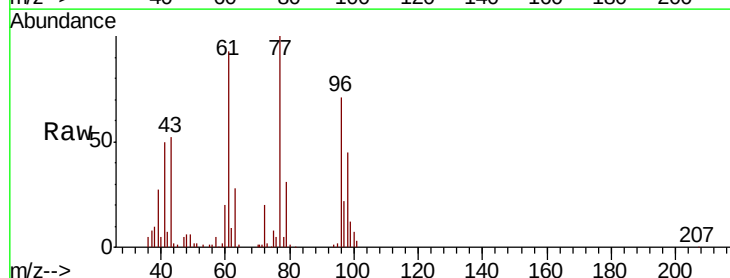
Acq: 09 Nov 2020 17:39

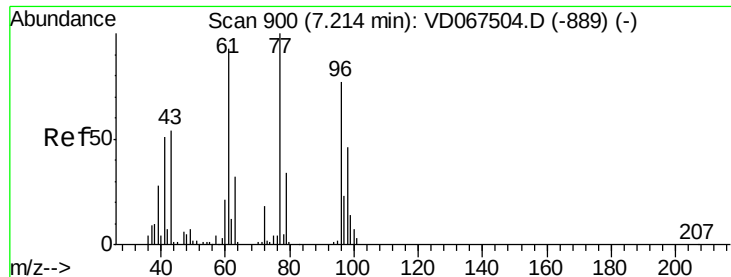
Tgt Ion: 77 Resp: 221180

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.3





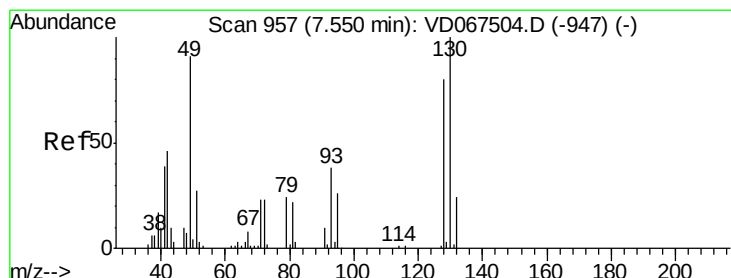
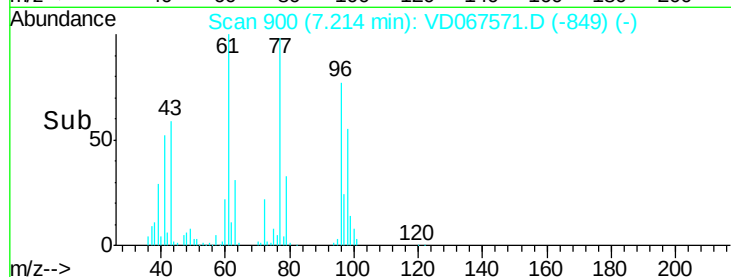
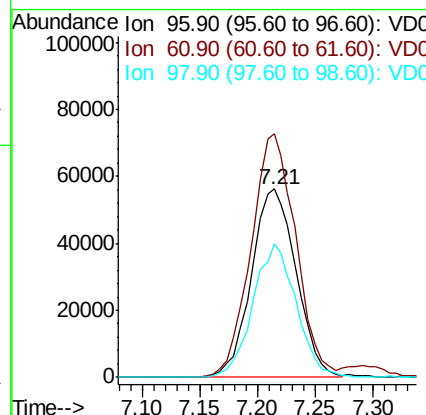
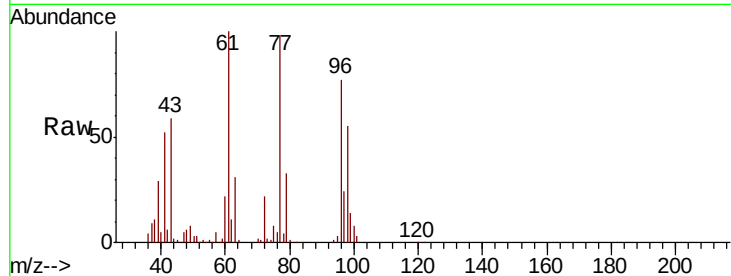
#27  
 cis-1,2-Dichloroethene  
 Concen: 49.806 ug/l  
 RT: 7.21 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 151657 |       |       |
| 61      | 129.0 | 0.0    | 251.6 |       |
| 98      | 68.5  | 0.0    | 128.0 |       |

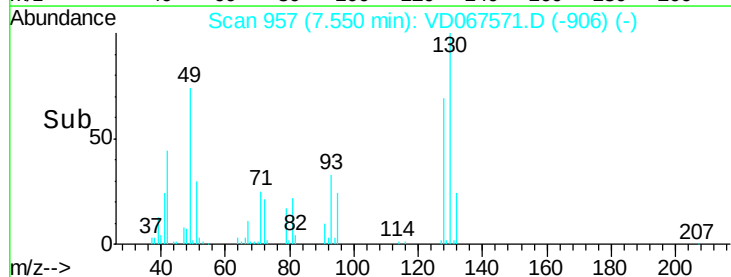
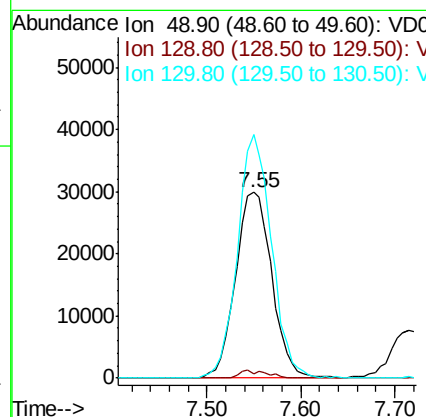
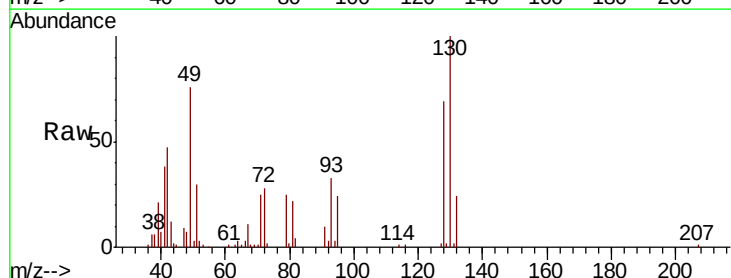
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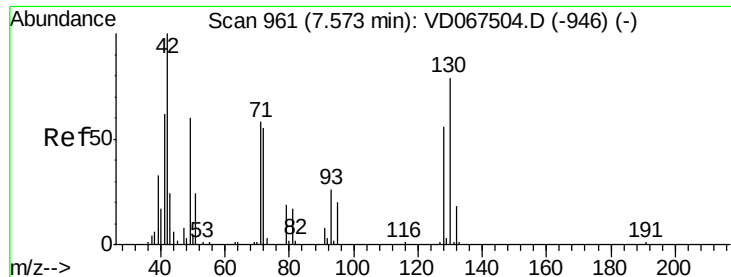
MMDadoda  
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#28  
 Bromochloromethane  
 Concen: 52.281 ug/l  
 RT: 7.55 min Scan# 957  
 Delta R.T. -0.00 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 79918 |       |       |
| 129     | 3.1   | 0.0   | 6.4   |       |
| 130     | 123.1 | 94.6  | 142.0 |       |





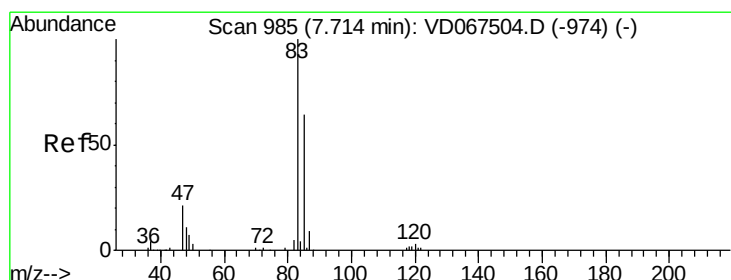
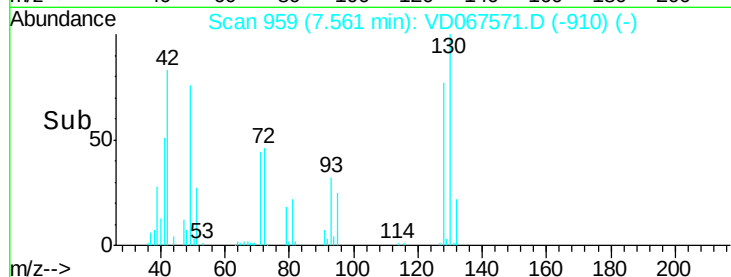
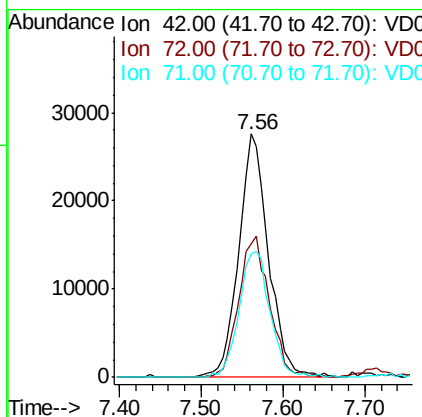
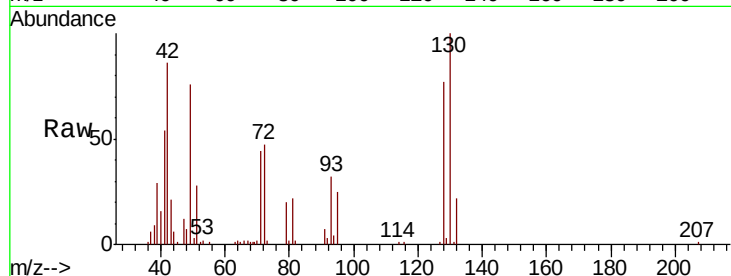
#29  
Tetrahydrofuran  
Concen: 276.739 ug/l  
RT: 7.56 min Scan# 959  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 60.2  | 46.3  | 69.5  |
| 71      | 54.1  | 44.0  | 66.0  |

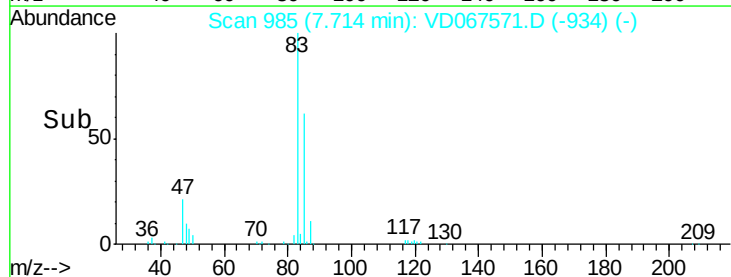
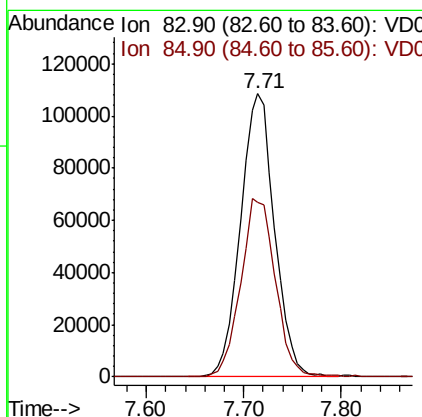
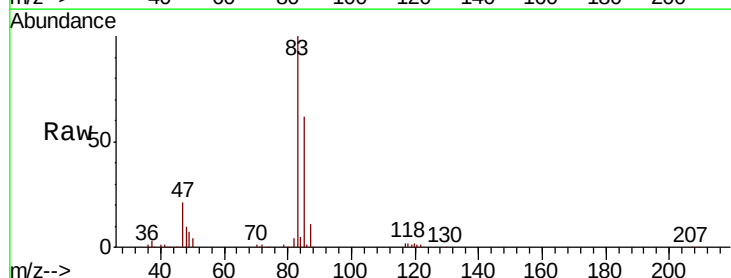
Manual Integrations  
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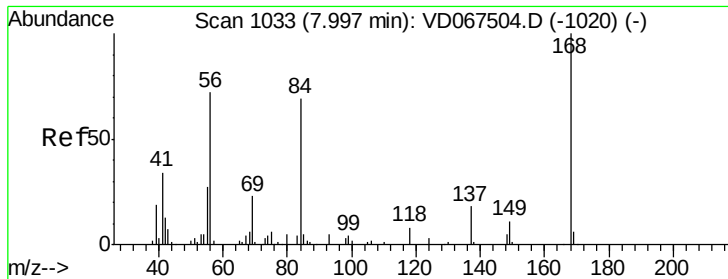
MMDadoda  
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#30  
Chloroform  
Concen: 51.554 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 61.7  | 51.5  | 77.3  |





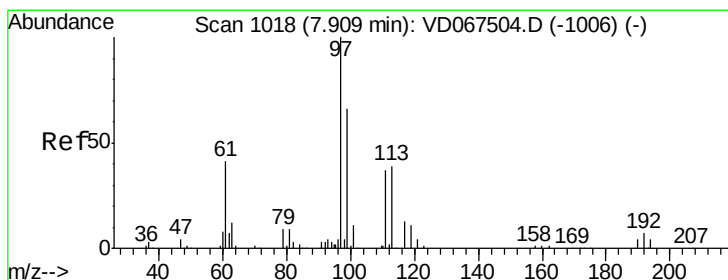
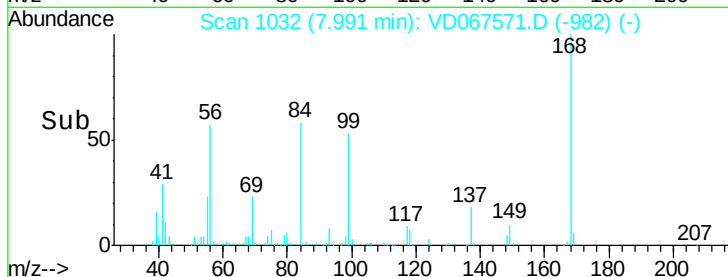
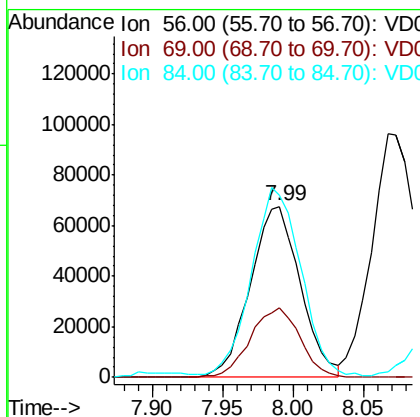
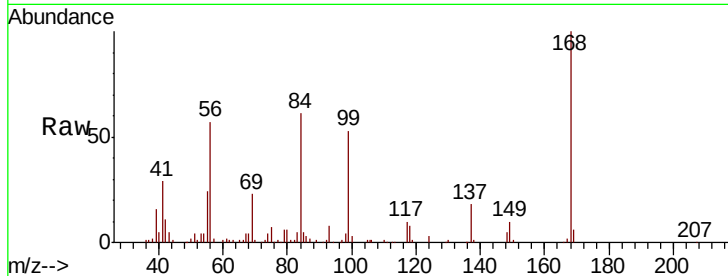
#31  
Cyclohexane  
Concen: 43.860 ug/l  
RT: 7.99 min Scan# 1032  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 40.7  | 25.9  | 38.9# |
| 84      | 104.7 | 76.2  | 114.4 |

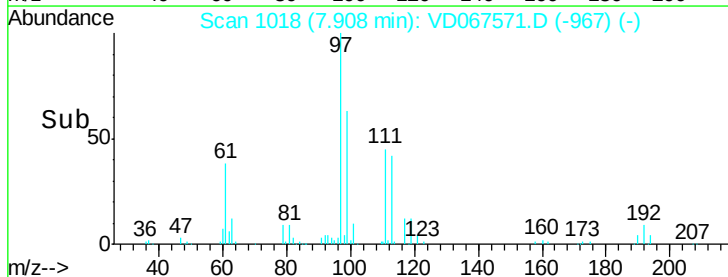
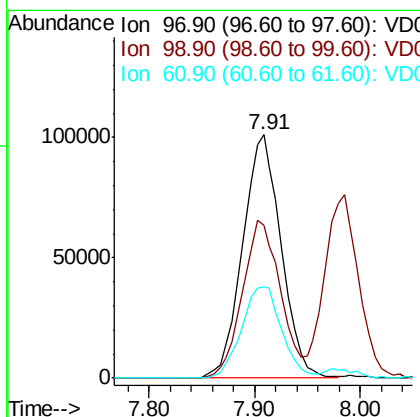
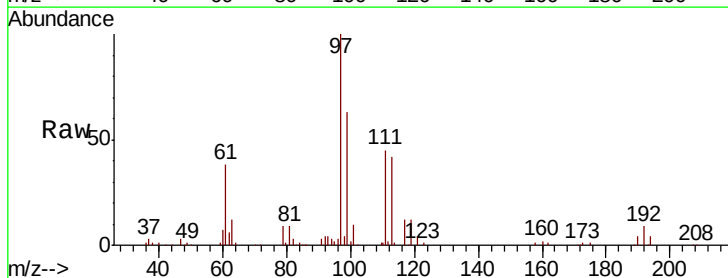
Manual Integrations  
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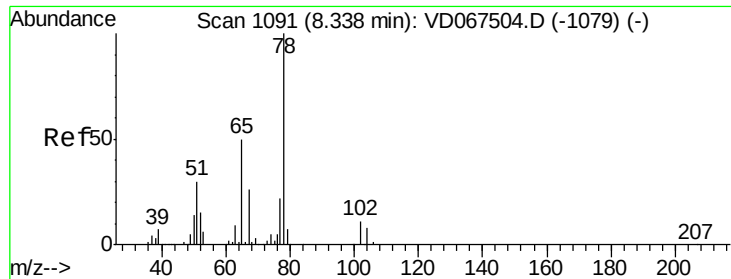
MMDadoda  
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#32  
1,1,1-Trichloroethane  
Concen: 48.267 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.9  | 51.8  | 77.6  |
| 61      | 39.5  | 30.5  | 45.7  |





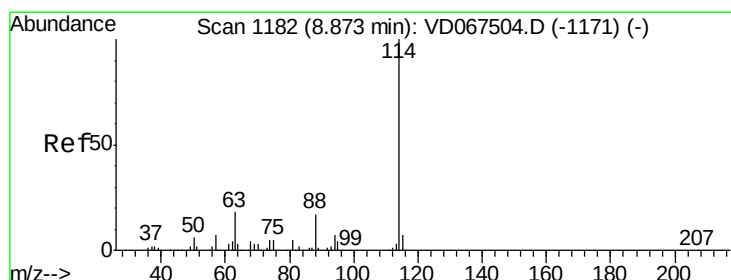
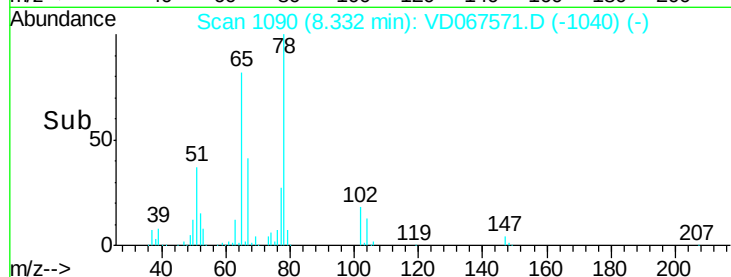
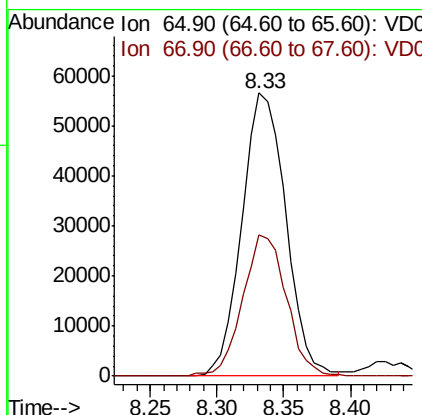
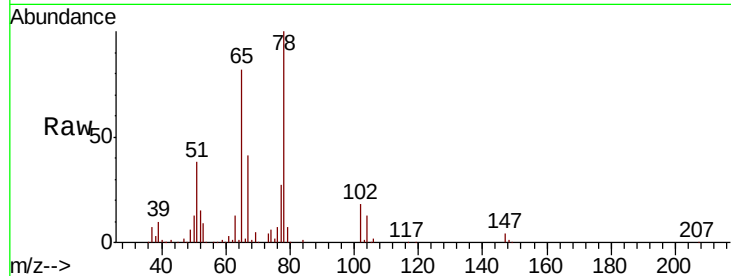
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.841 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. -0.01 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 49.6  | 0.0  | 99.4  |       |

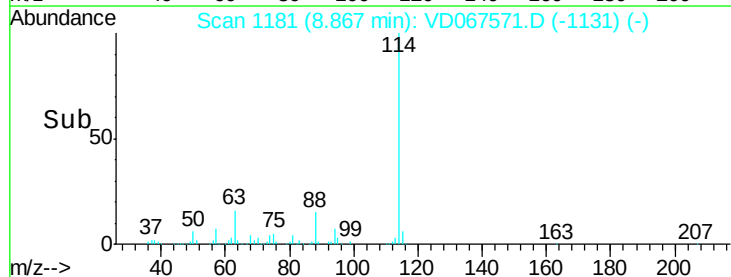
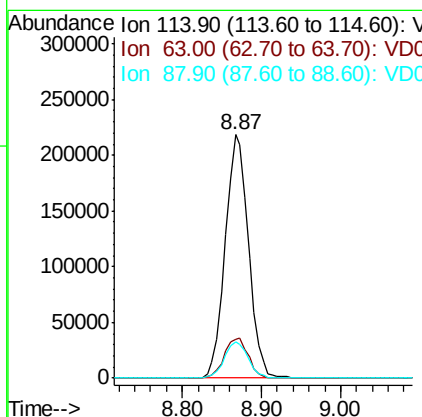
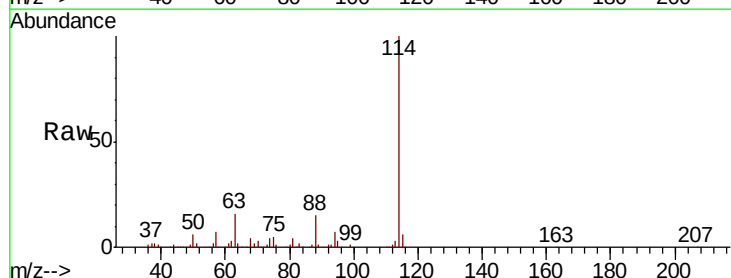
Manual Integrations  
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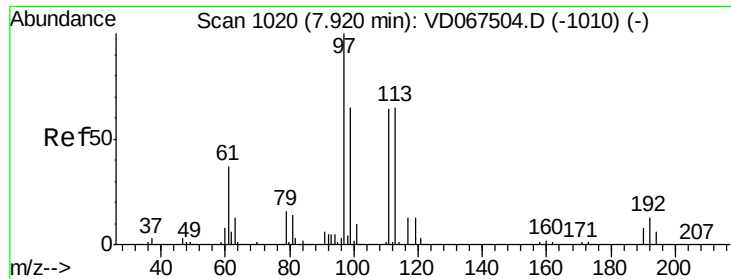
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 15.8  | 0.0  | 35.0  |       |
| 88      | 14.8  | 0.0  | 33.0  |       |





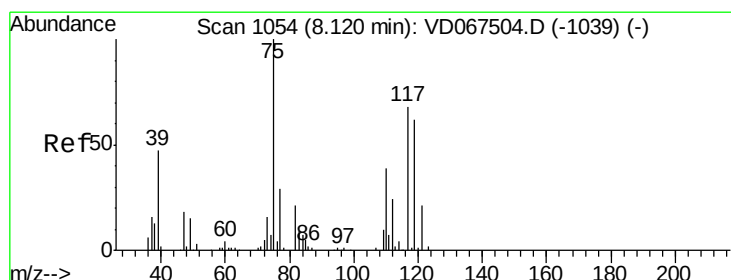
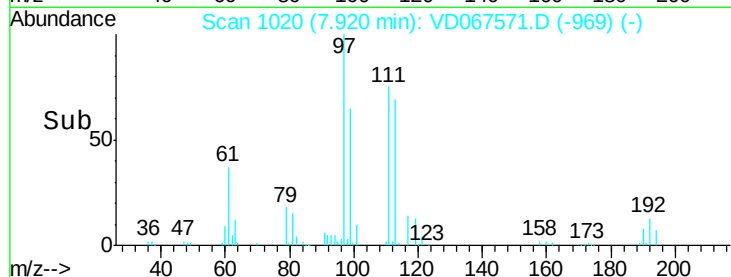
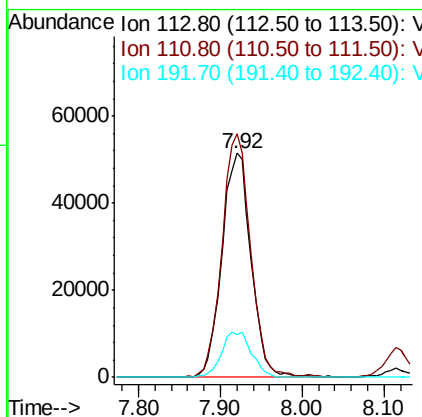
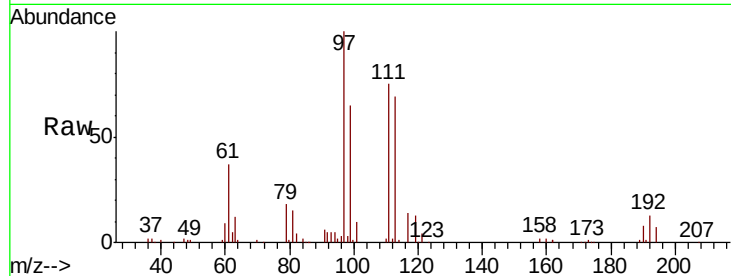
#35  
 Dibromofluoromethane  
 Concen: 47.867 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 106.2 | 80.0  | 120.0 |
| 192     | 20.9  | 16.3  | 24.5  |

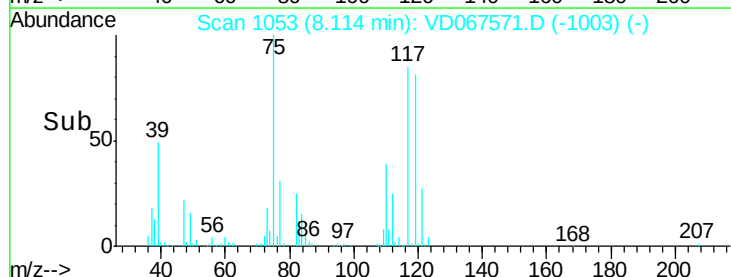
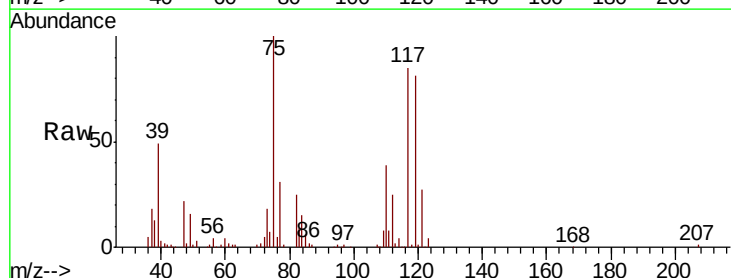
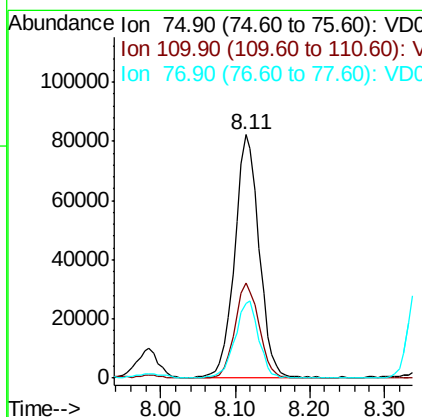
Manual Integrations  
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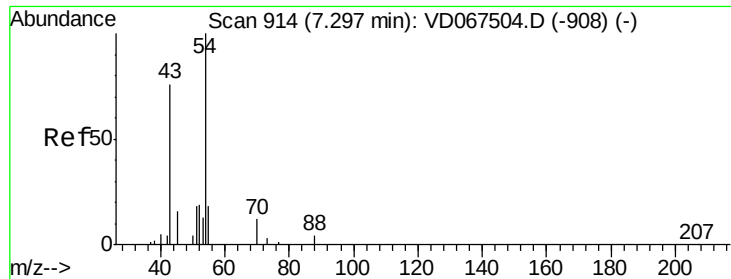
MMDadoda  
 11/10/2020 1:11:43 PM



#36  
 1,1-Dichloropropene  
 Concen: 49.413 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. -0.01 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 38.4  | 19.9  | 59.7  |
| 77      | 30.6  | 24.8  | 37.2  |





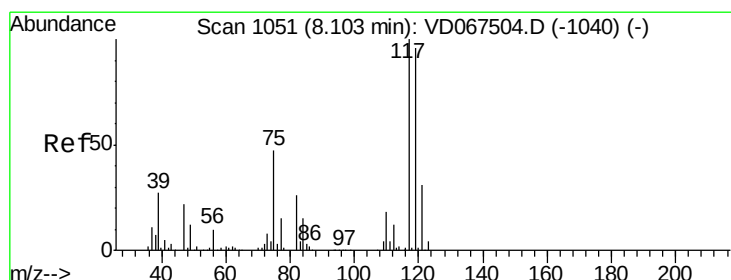
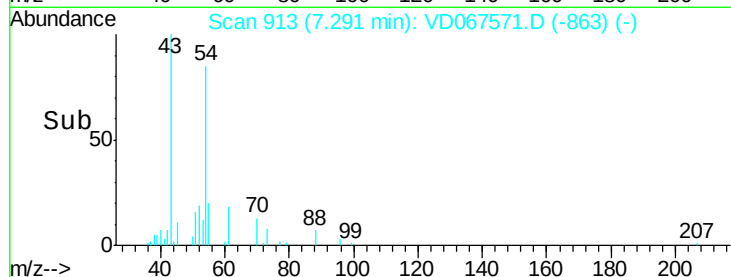
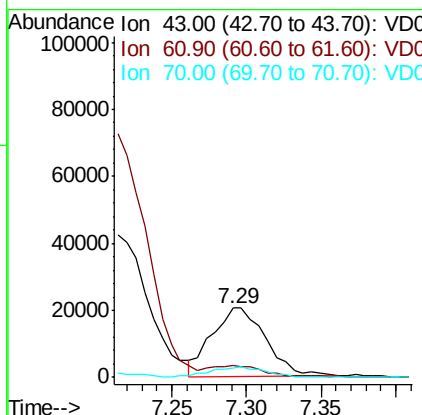
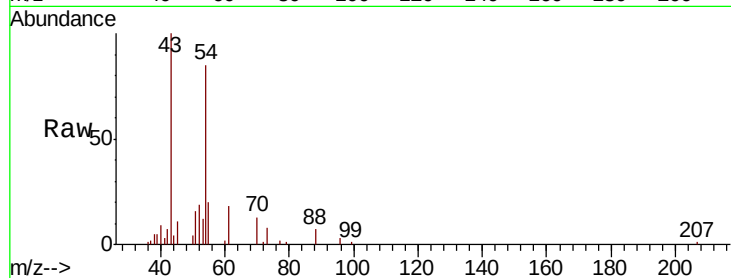
#37  
Ethyl Acetate  
Concen: 52.035 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.8  | 12.8  | 19.2  |
| 70      | 15.3  | 11.7  | 17.5  |

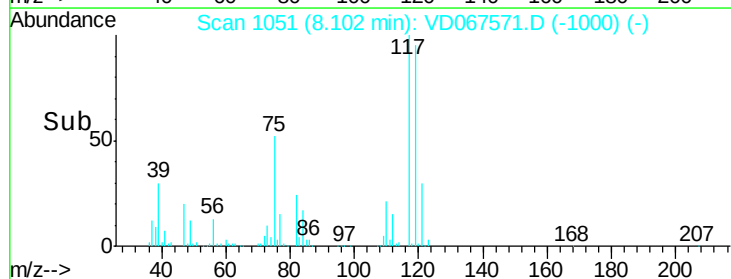
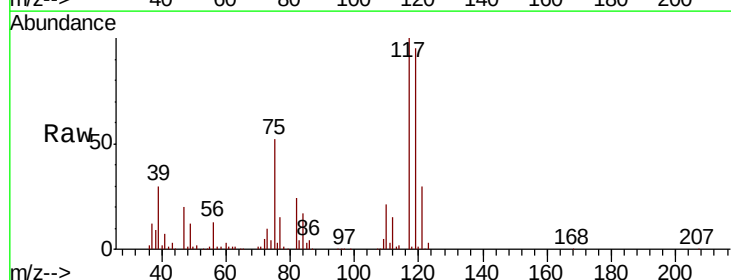
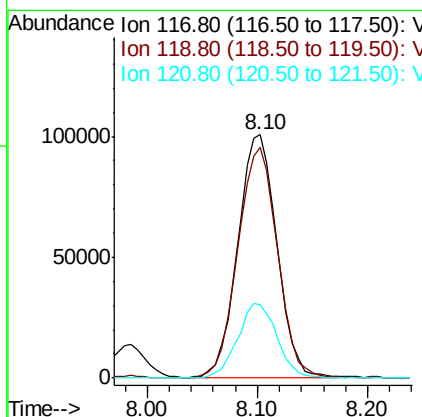
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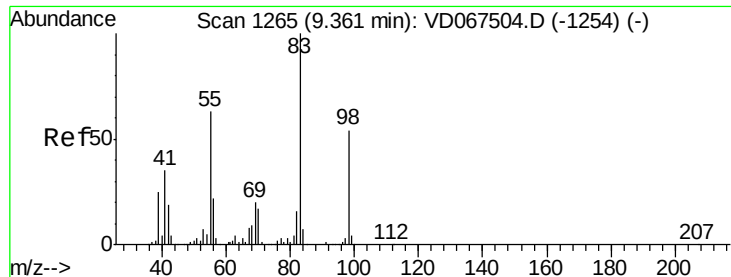


#38  
Carbon Tetrachloride  
Concen: 50.538 ug/l  
RT: 8.10 min Scan# 1051  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.9  | 76.9  | 115.3 |
| 121     | 30.1  | 24.5  | 36.7  |







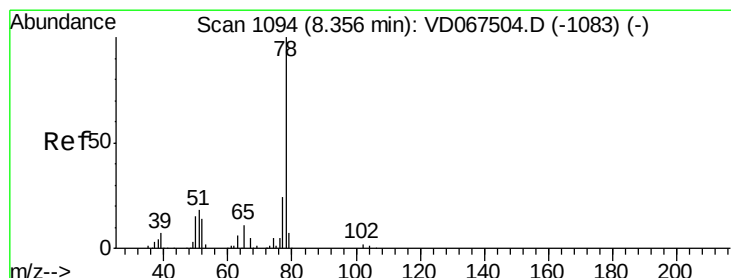
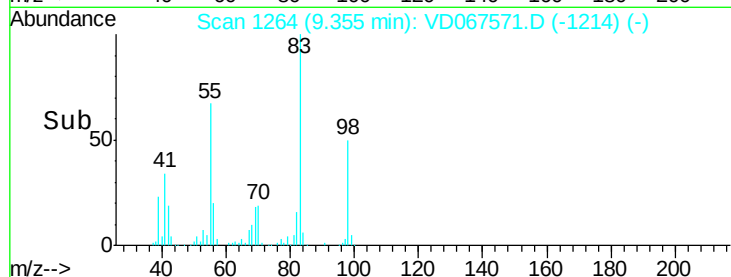
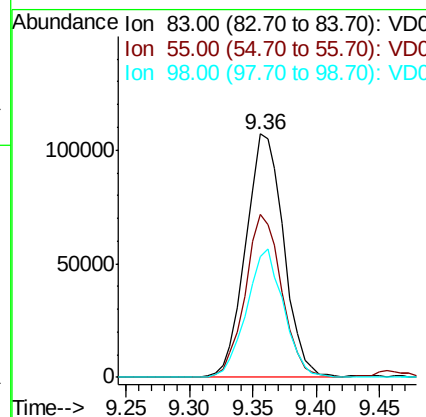
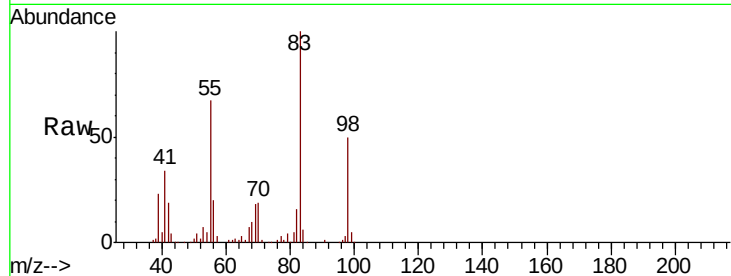
#39  
Methylvlcyclohexane  
Concen: 49.977 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 66.9  | 50.5  | 75.7  |
| 98      | 49.5  | 43.4  | 65.0  |

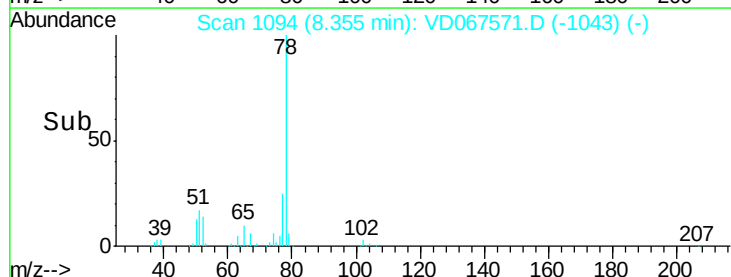
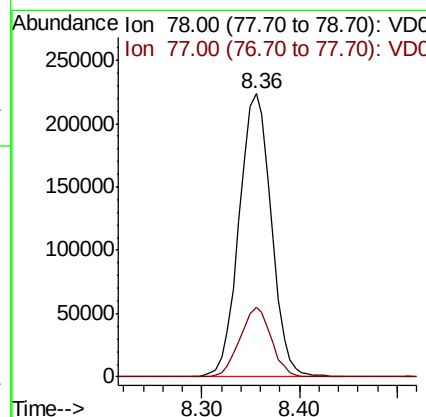
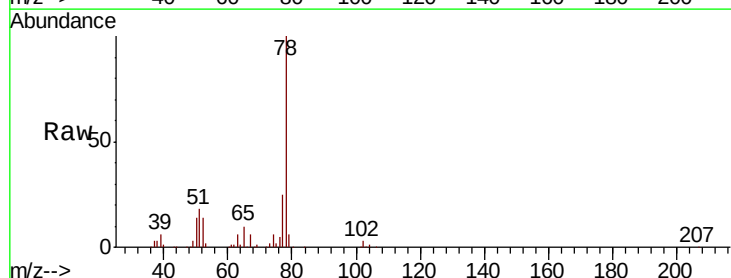
Manual Integrations  
APPROVED

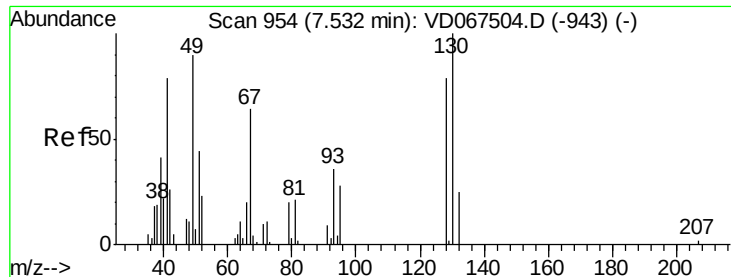
MMDadoda  
11/10/2020 1:11:43 PM



#40  
Benzene  
Concen: 50.151 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.5  | 19.1  | 28.7  |





#41

Methacrylonitrile

Concen: 51.254 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 30170

Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 98.3 78.9 118.3

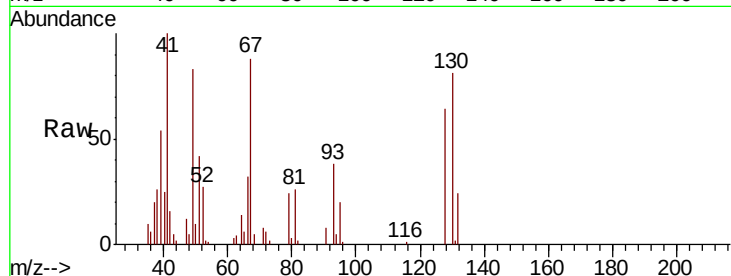
52 38.3 31.4 47.2

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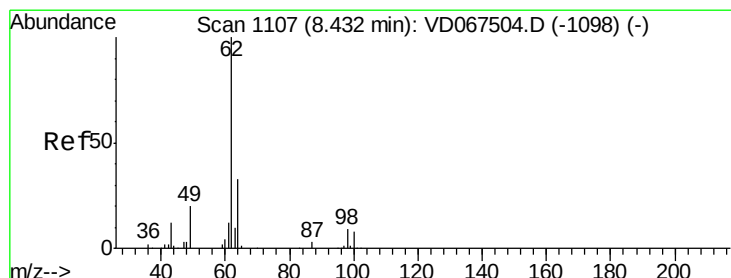
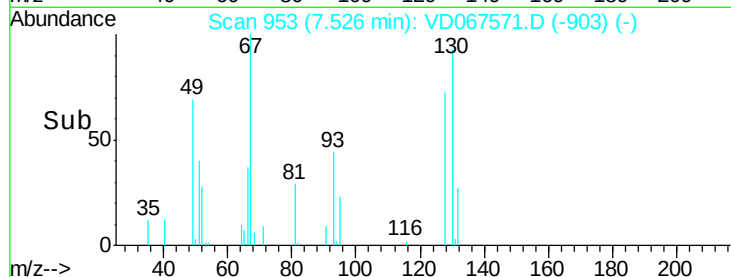
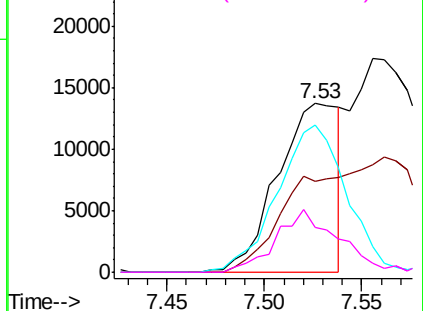


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 52.653 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067571.D

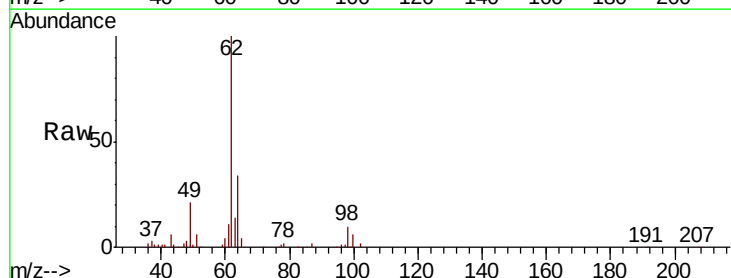
Acq: 09 Nov 2020 17:39

Tgt Ion: 62 Resp: 167151

Ion Ratio Lower Upper

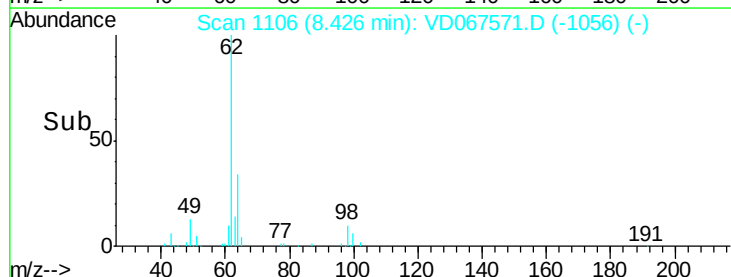
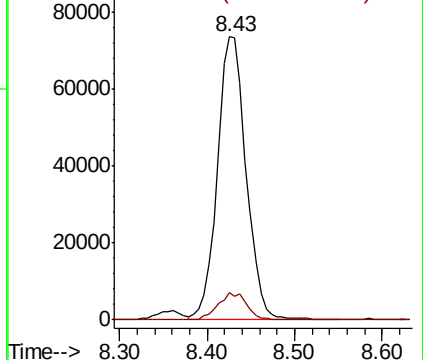
62 100

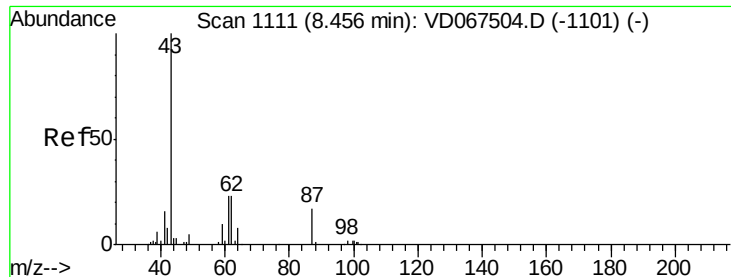
98 9.5 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 54.887 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA\_D

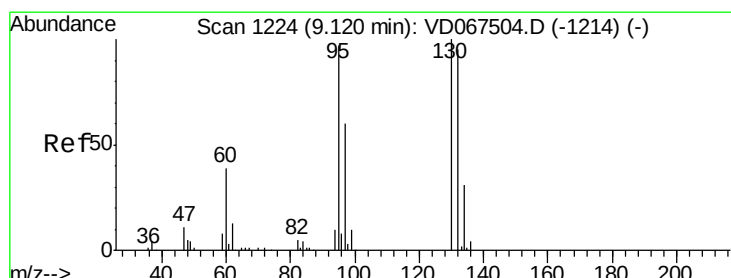
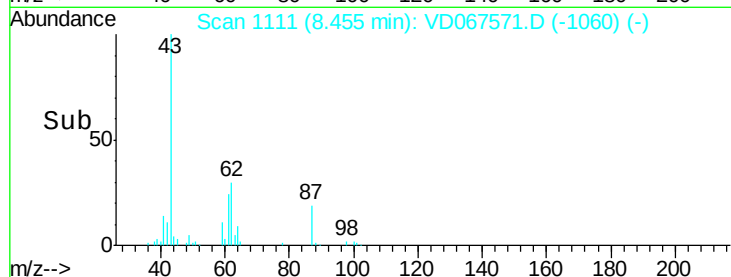
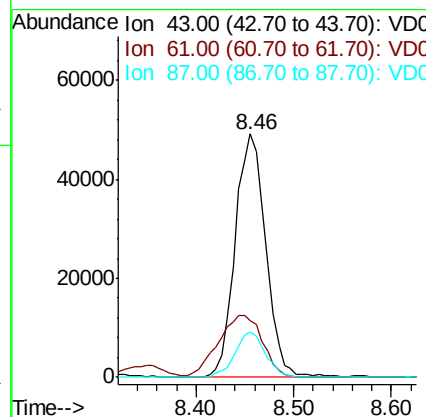
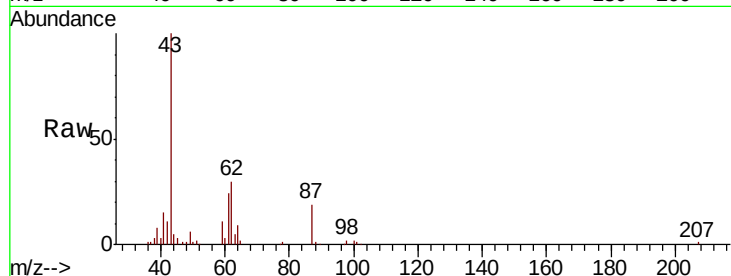
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 106896 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 37.0  | 30.5  | 45.7   |
| 87       | 18.5  | 14.7  | 22.1   |

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#44

Trichloroethene

Concen: 49.411 ug/l

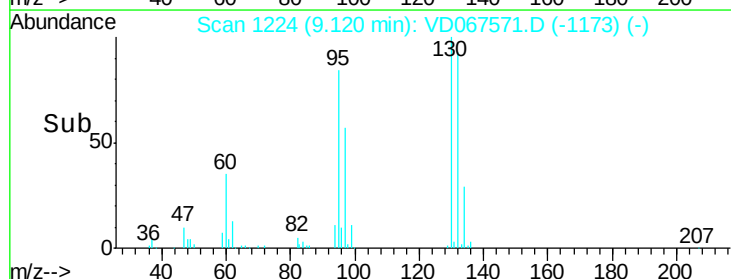
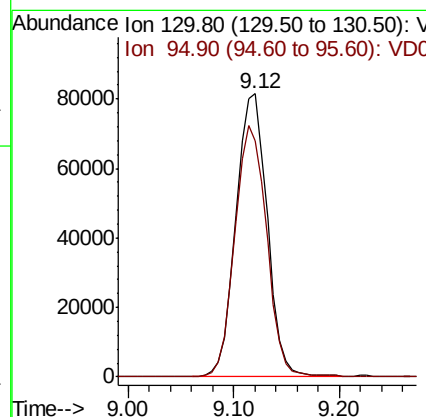
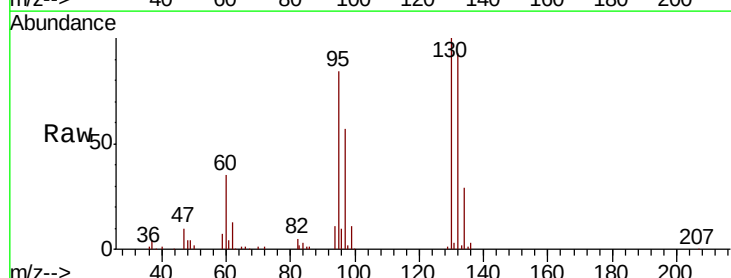
RT: 9.12 min Scan# 1224

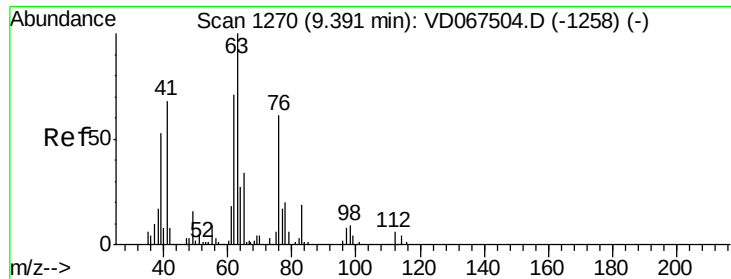
Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 166932 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 83.5  | 0.0   | 194.4  |





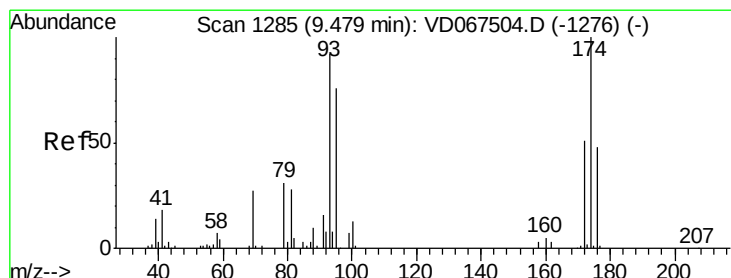
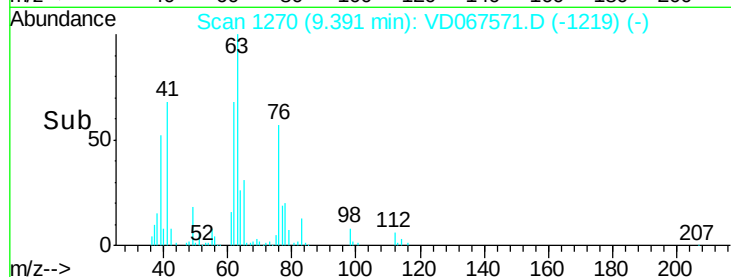
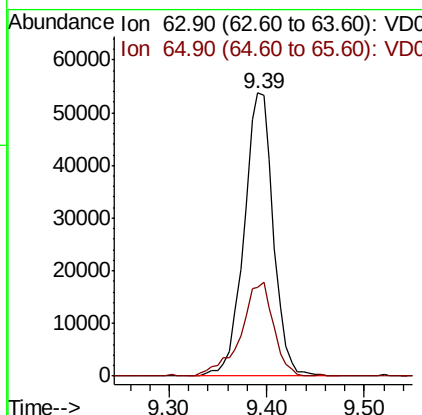
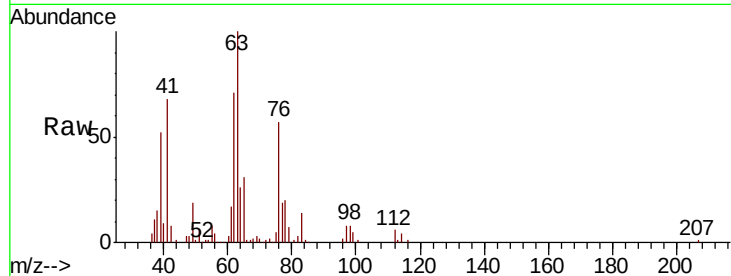
#45  
 1,2-Dichloropropane  
 Concen: 50.744 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 63 Resp: 112725  
 Ion Ratio Lower Upper  
 63 100  
 65 31.2 26.9 40.3

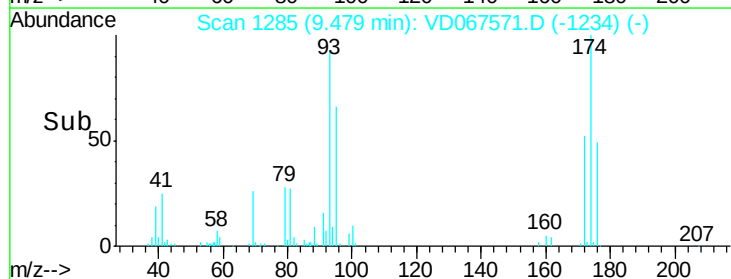
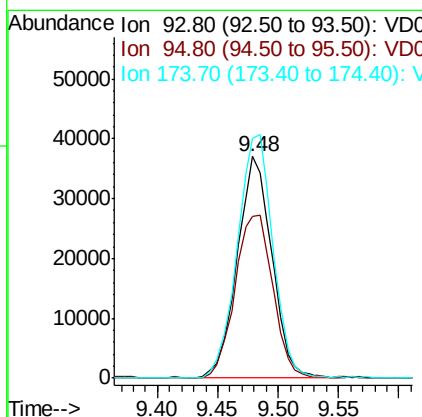
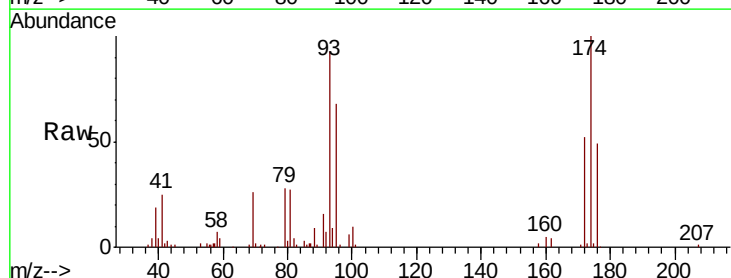
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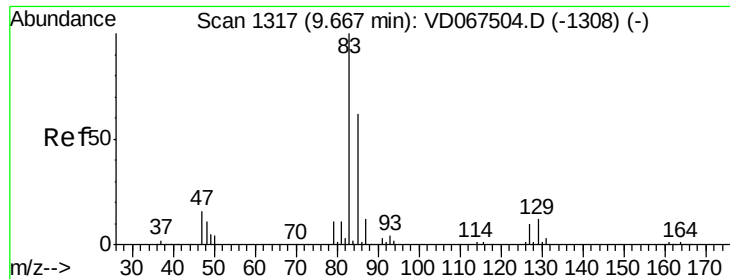
MMDadoda  
 11/10/2020 1:11:43 PM



#46  
 Dibromomethane  
 Concen: 52.669 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. -0.00 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

Tgt Ion: 93 Resp: 74394  
 Ion Ratio Lower Upper  
 93 100  
 95 80.3 66.4 99.6  
 174 112.7 88.2 132.4





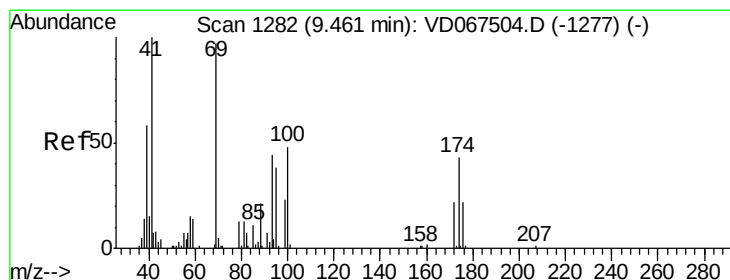
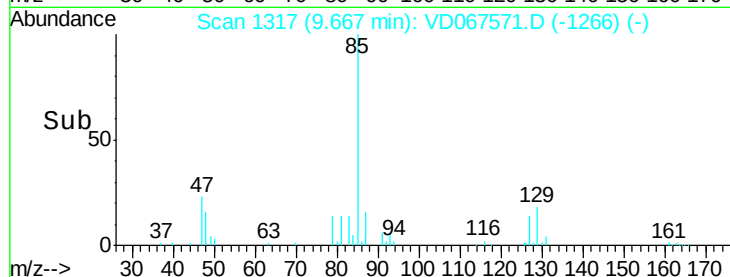
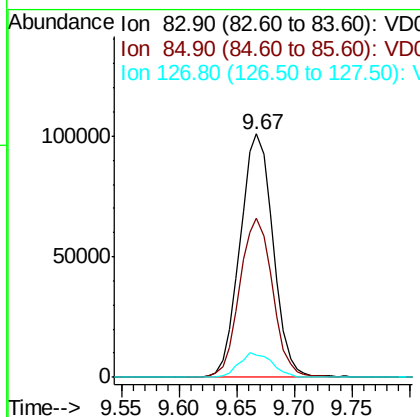
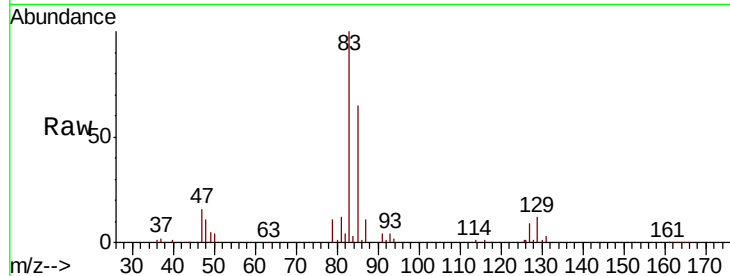
#47  
Bromodichloromethane  
Concen: 52.293 ug/l  
RT: 9.67 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 200757 |       |       |
| 85      | 65.4  |        | 49.4  | 74.2  |
| 127     | 9.3   |        | 7.7   | 11.5  |

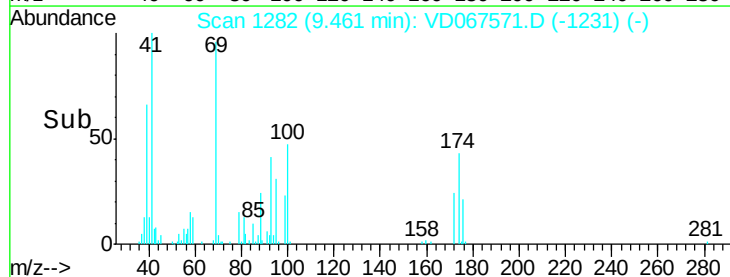
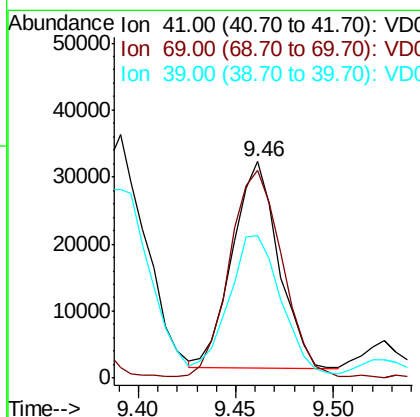
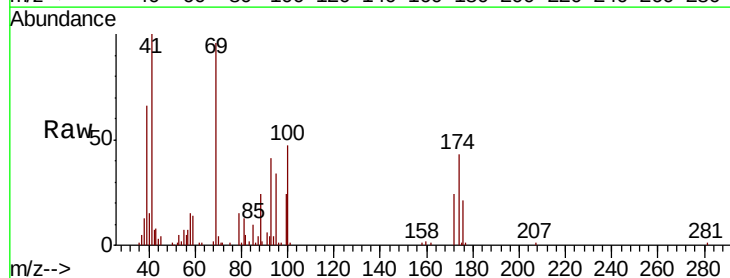
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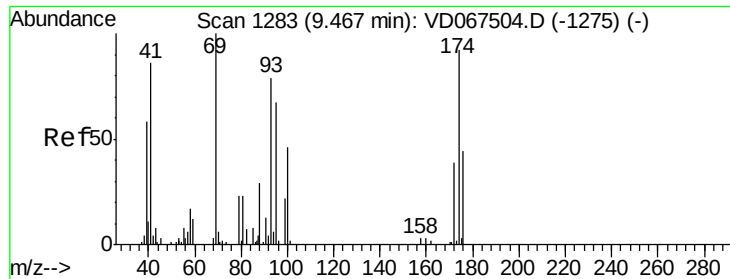
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#48  
Methyl methacrylate  
Concen: 50.103 ug/l  
RT: 9.46 min Scan# 1282  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 50382 |       |       |
| 69      | 116.5 |       | 80.6  | 121.0 |
| 39      | 81.2  |       | 50.2  | 75.4# |





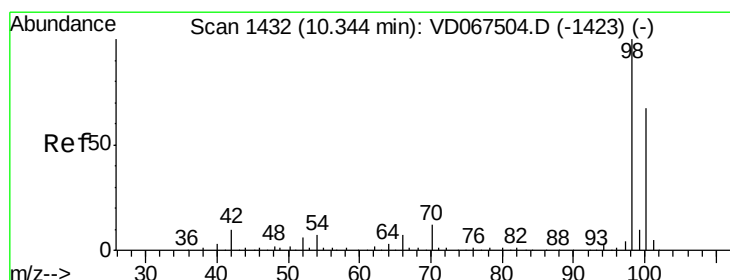
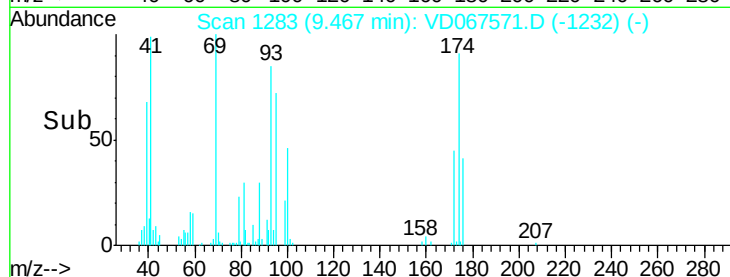
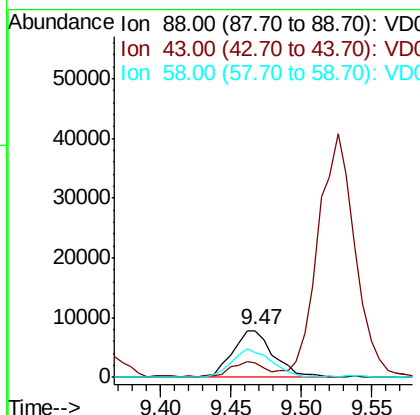
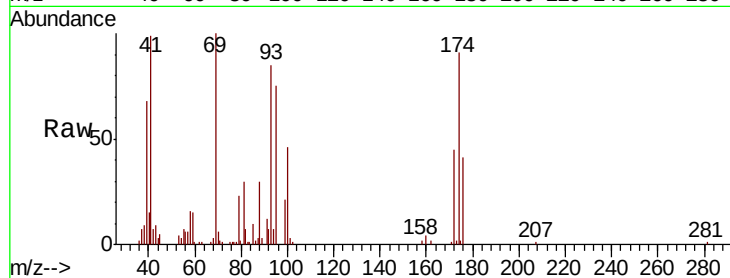
#49  
1,4-Dioxane  
Concen: 1104.052 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 88    | Resp  | 15831 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 28.4  | 23.6  | 35.4  |
| 58      | 59.2  | 44.7  | 67.1  |

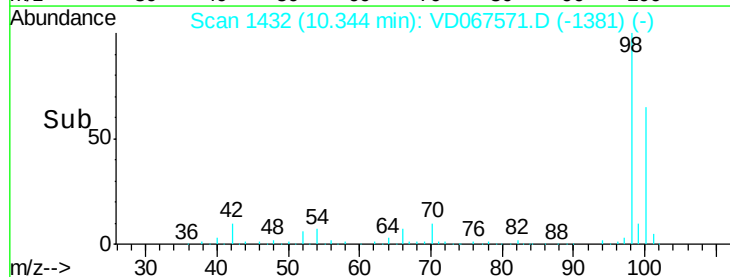
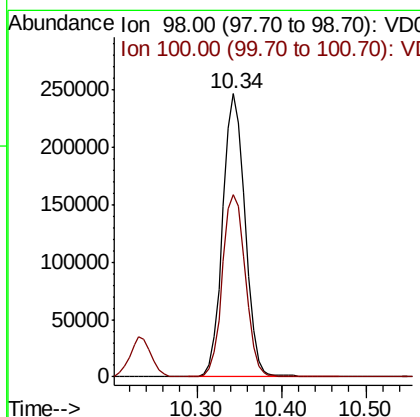
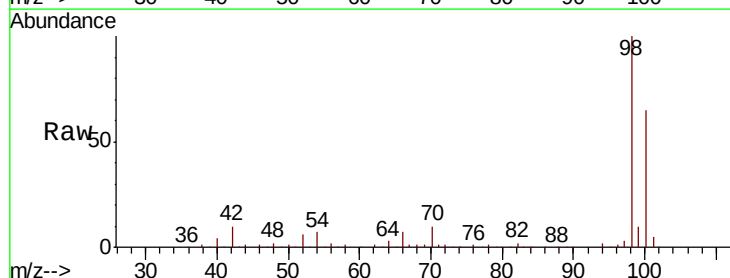
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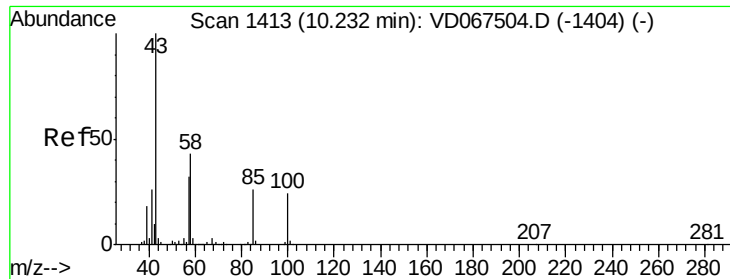
MMDadoda  
11/10/2020 1:11:43 PM



#50  
Toluene-d8  
Concen: 48.171 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion | 98    | Resp  | 451965 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 66.2  | 53.0  | 79.6   |





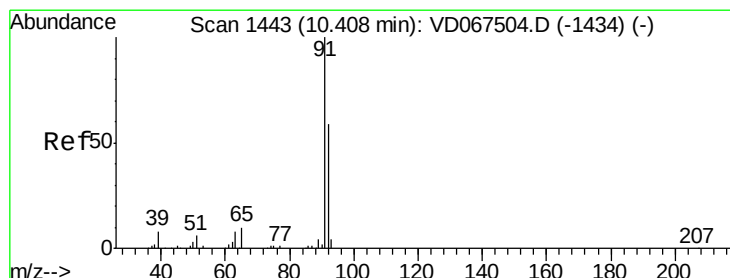
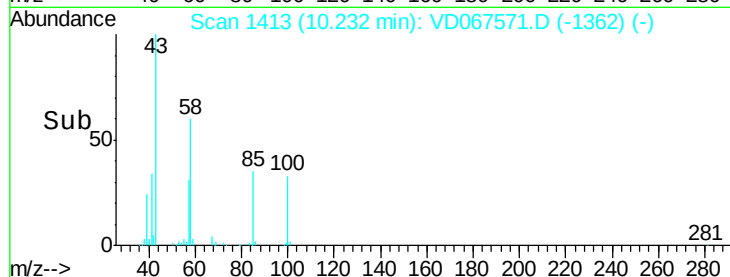
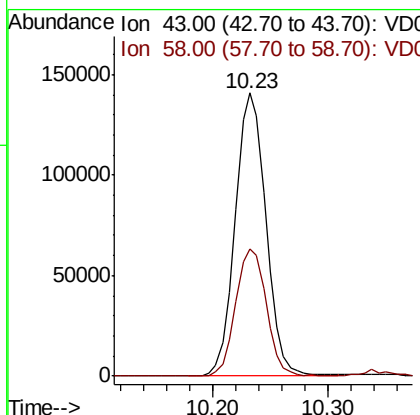
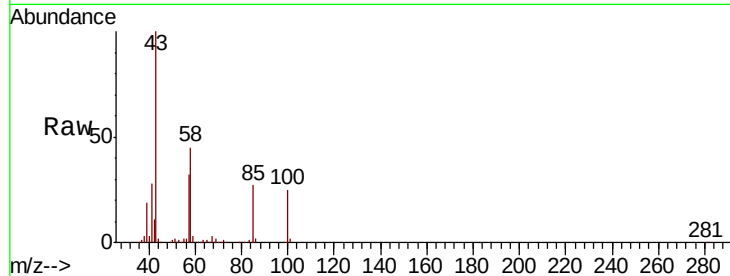
#51  
4-Methyl-2-Pentanone  
Concen: 279.296 ug/l  
RT: 10.23 min Scan# 1413  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 260145  
Ion Ratio Lower Upper  
43 100  
58 44.9 35.6 53.4

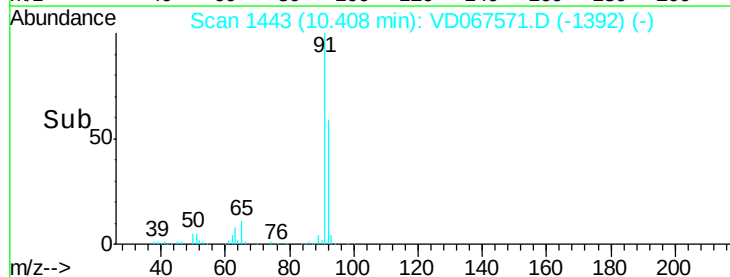
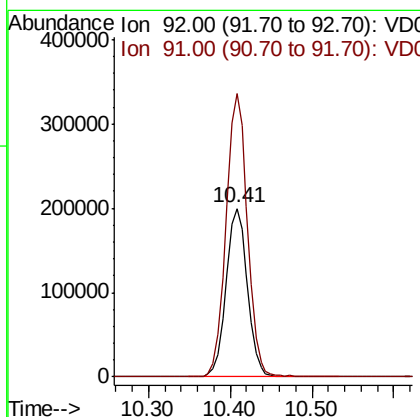
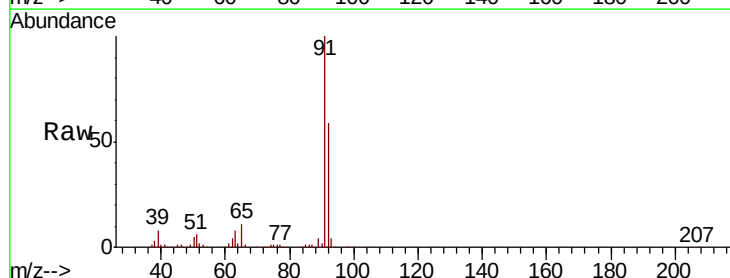
Manual Integrations  
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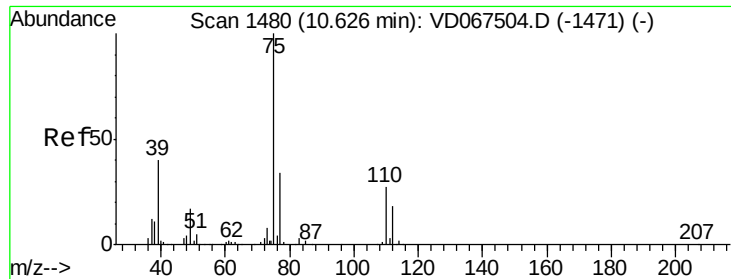
MMDadoda  
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#52  
Toluene  
Concen: 52.555 ug/l  
RT: 10.41 min Scan# 1443  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Tgt Ion: 92 Resp: 361684  
Ion Ratio Lower Upper  
92 100  
91 168.4 137.0 205.6





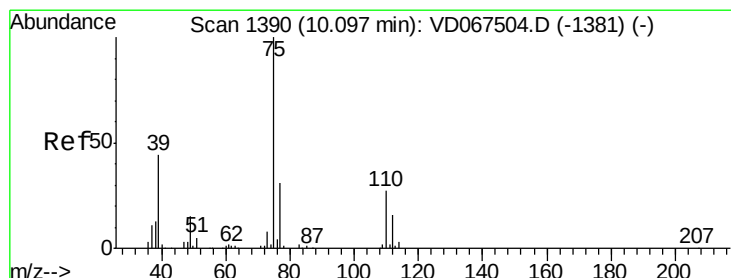
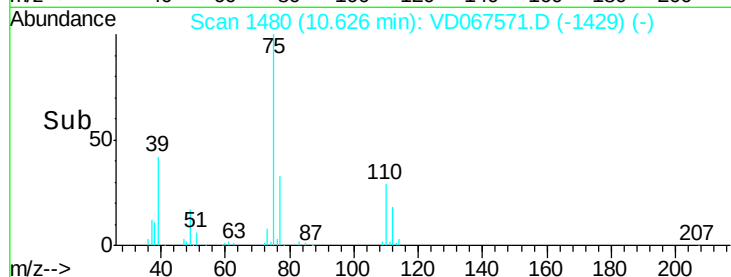
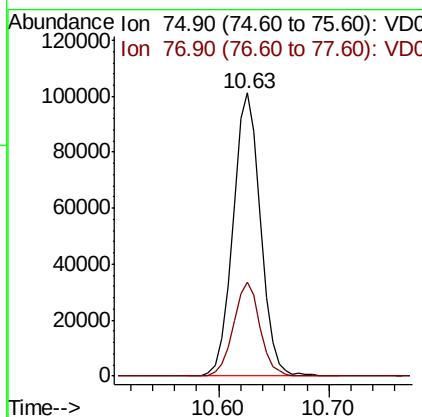
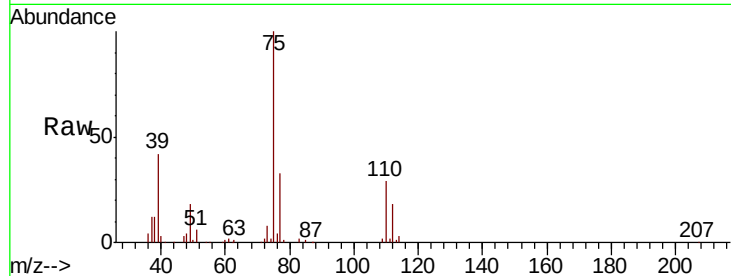
#53  
t-1,3-Dichloropropene  
Concen: 53.633 ug/l  
RT: 10.63 min Scan# 1480  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.1  | 27.0  | 40.6  |

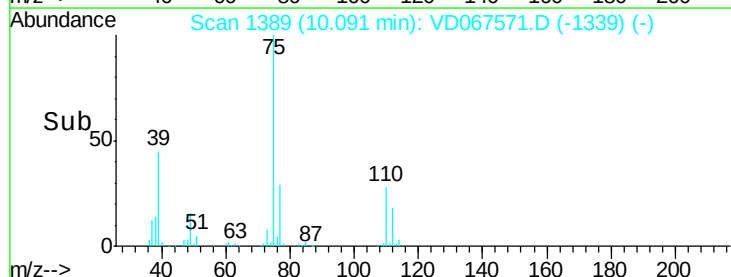
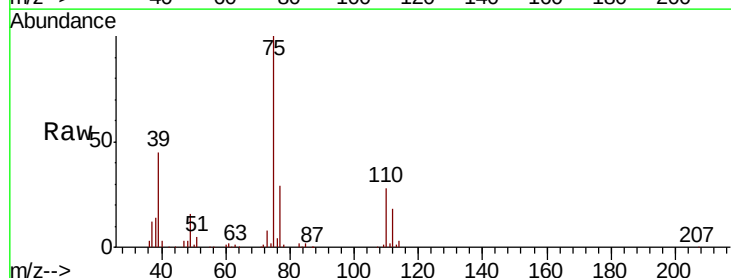
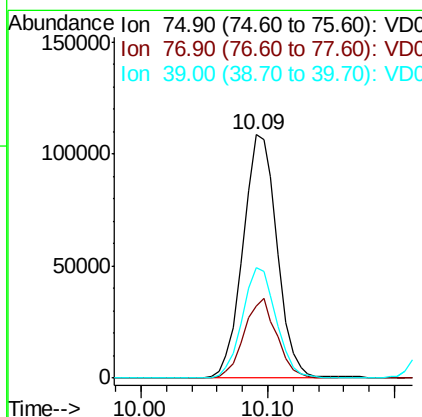
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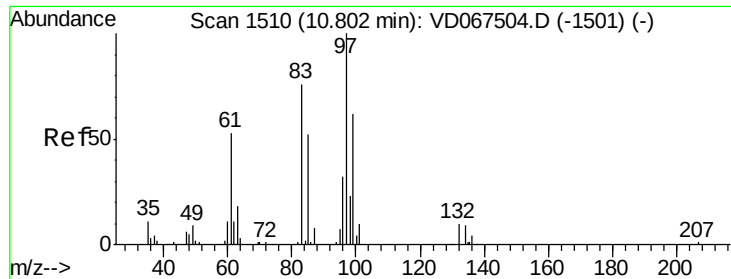


#54  
cis-1,3-Dichloropropene  
Concen: 52.048 ug/l  
RT: 10.09 min Scan# 1389  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 29.4  | 24.4  | 36.6  |
| 39      | 45.1  | 35.6  | 53.4  |







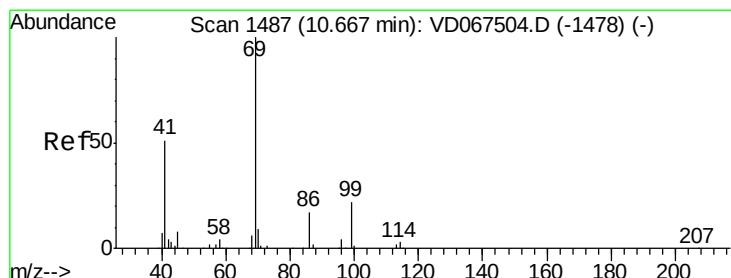
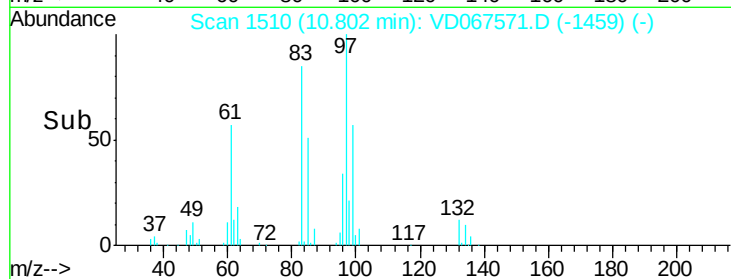
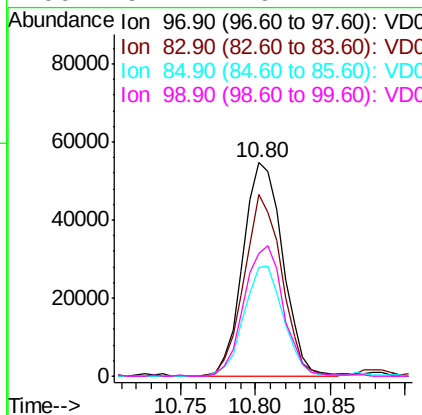
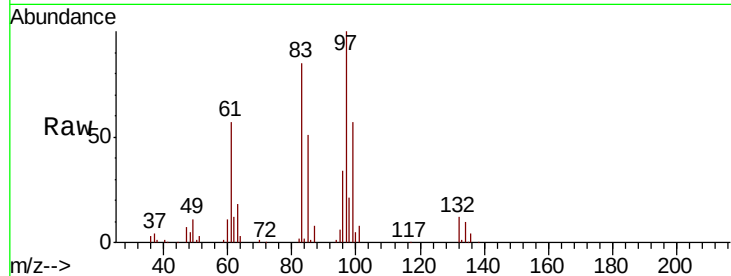
#55  
 1,1,2-Trichloroethane  
 Concen: 53.920 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | 97    | Resp  | 100769 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 97      | 100   |       |        |
| 83      | 85.0  | 61.0  | 91.6   |
| 85      | 51.2  | 41.5  | 62.3   |
| 99      | 57.4  | 49.4  | 74.2   |

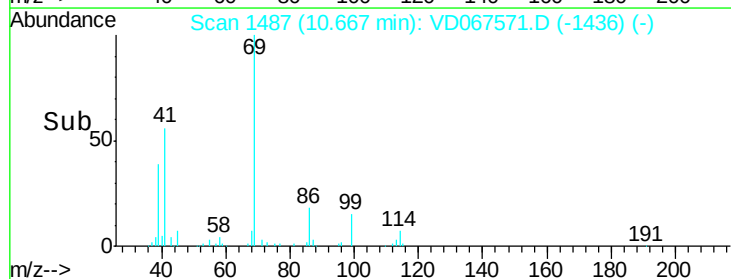
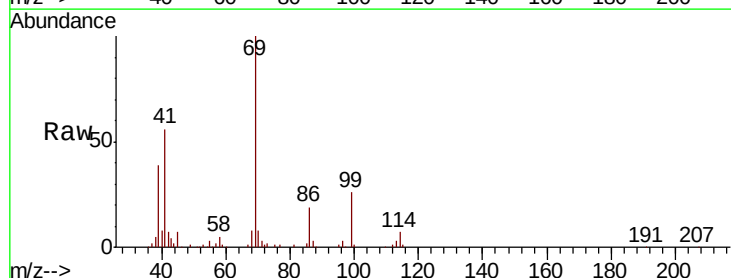
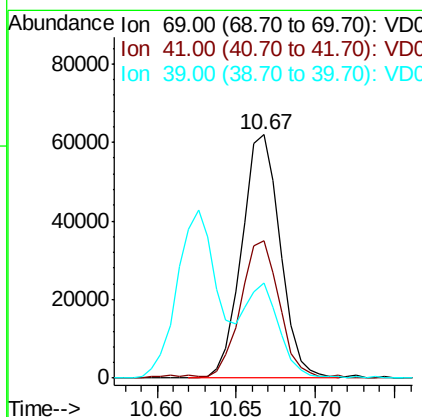
Manual Integrations  
 APPROVED

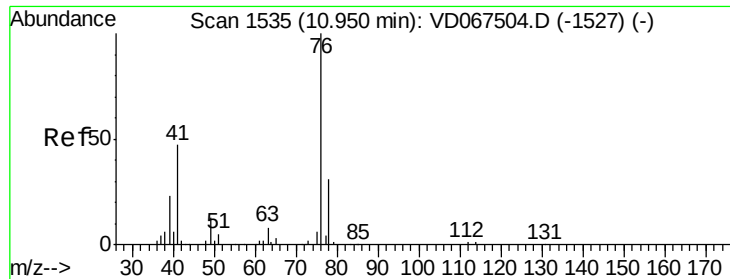
MMDadoda  
 11/10/2020 1:11:43 PM



#56  
 Ethyl methacrylate  
 Concen: 54.130 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

| Tgt Ion | 69    | Resp  | 104466 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 69      | 100   |       |        |
| 41      | 56.7  | 45.4  | 68.0   |
| 39      | 34.0  | 27.4  | 41.0   |





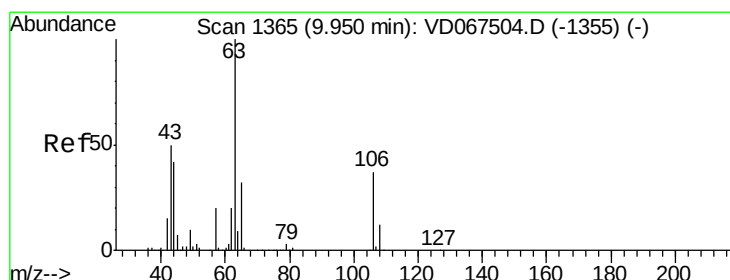
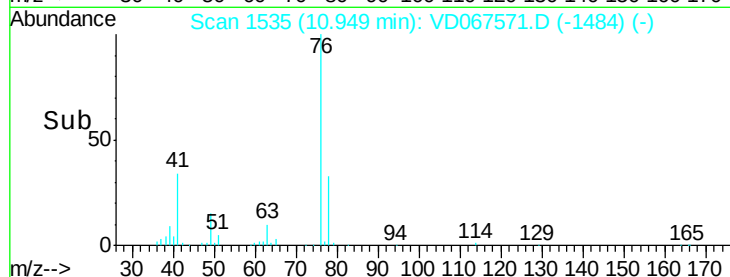
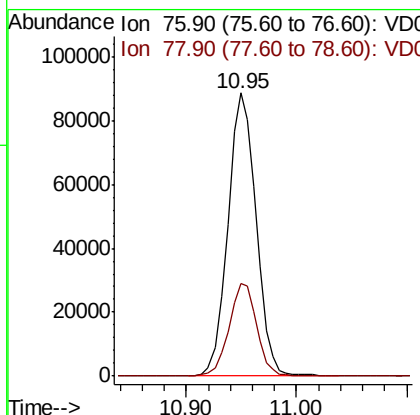
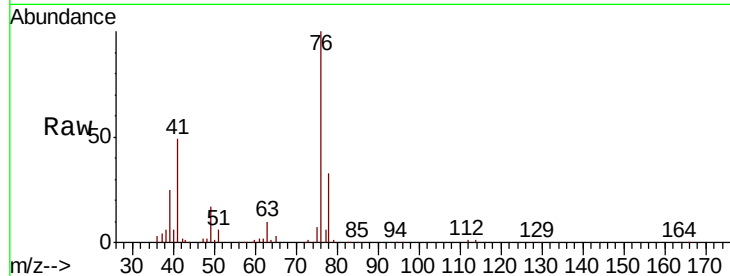
#57  
 1,3-Dichloropropane  
 Concen: 52.724 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.0  | 26.1  | 39.1  |

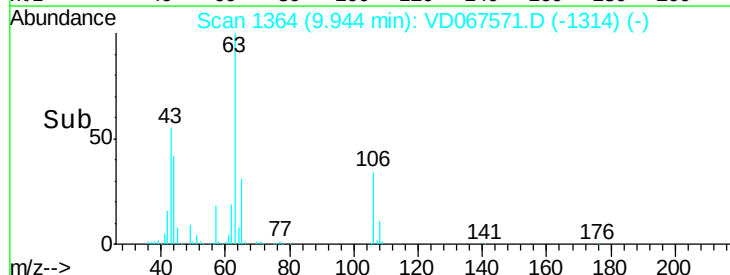
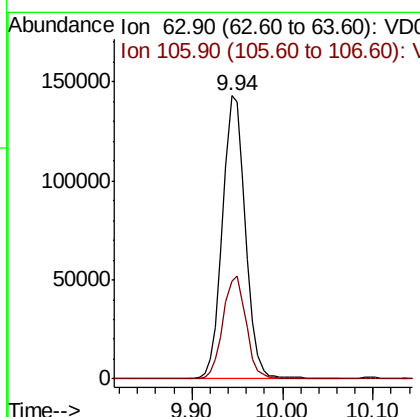
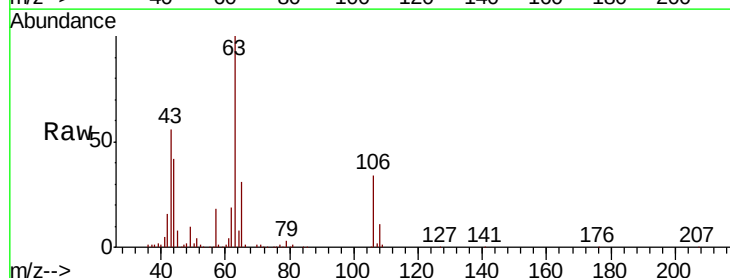
Manual Integrations  
 APPROVED

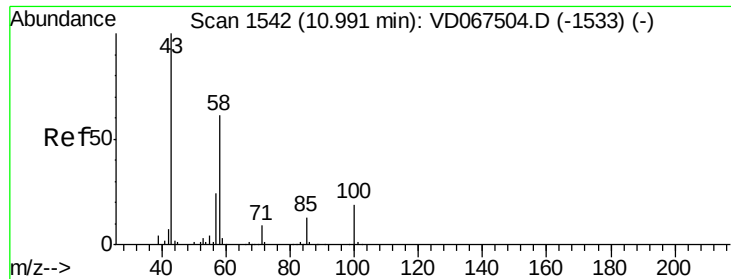
MMDadoda  
 11/10/2020 1:11:43 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 279.215 ug/l  
 RT: 9.94 min Scan# 1364  
 Delta R.T. -0.01 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 36.6  | 29.2  | 43.8  |





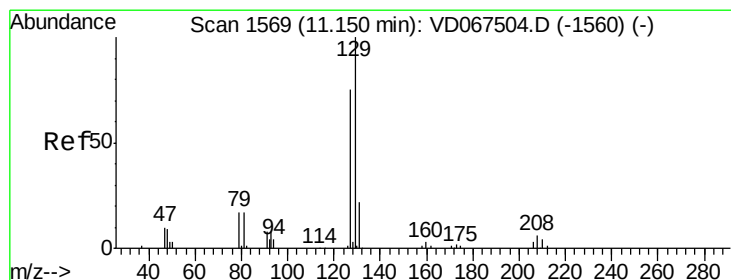
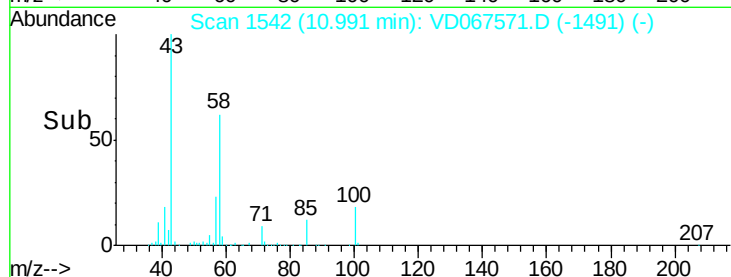
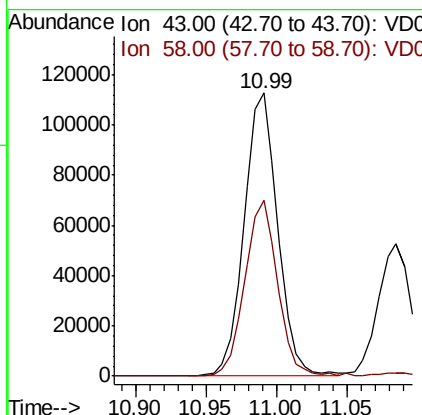
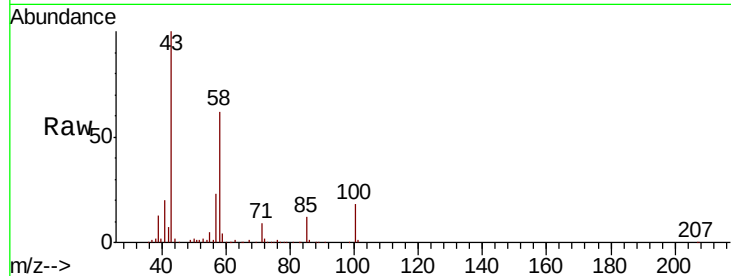
#59  
2-Hexanone  
Concen: 288.724 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 43 | Resp | 188034 |
|-----------|----|------|--------|
| Ion Ratio | 43 | 100  |        |
| Lower     | 58 | 61.0 | 30.3   |
| Upper     |    |      | 90.9   |

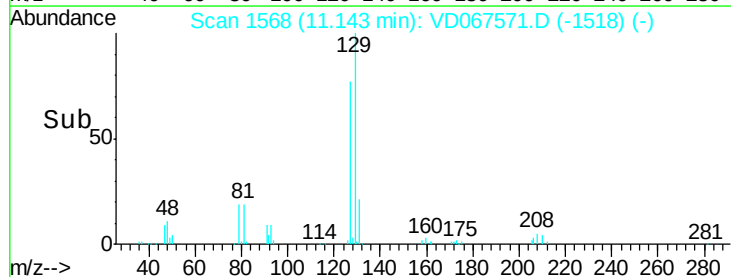
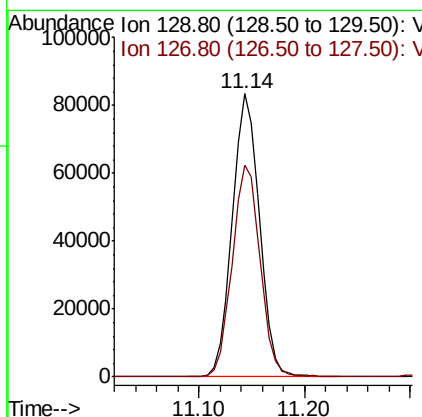
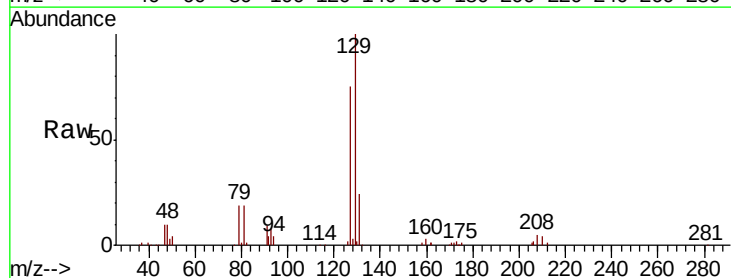
Manual Integrations  
APPROVED

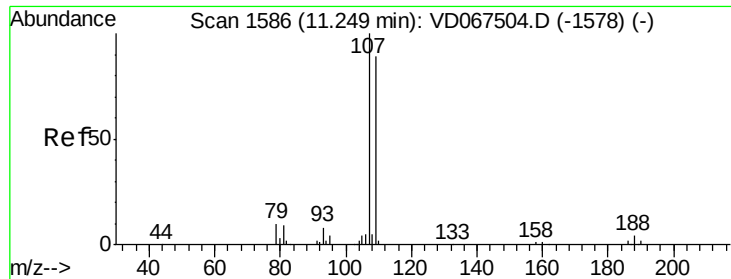
MMDadoda  
11/10/2020 1:11:43 PM



#60  
Dibromochloromethane  
Concen: 53.544 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion   | 129 | Resp | 148027 |
|-----------|-----|------|--------|
| Ion Ratio | 129 | 100  |        |
| Lower     | 127 | 76.6 | 38.0   |
| Upper     |     |      | 114.1  |





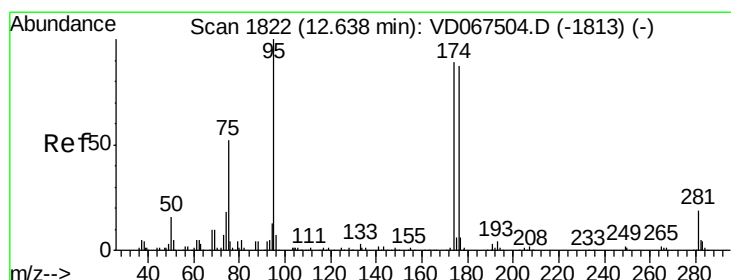
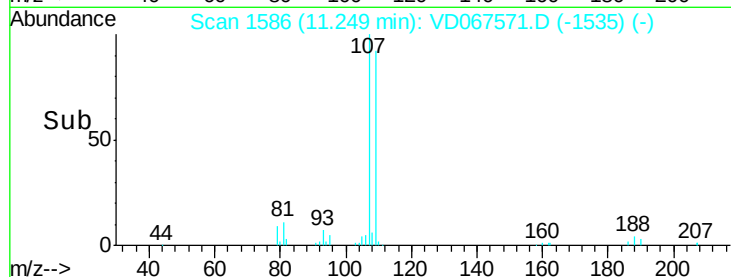
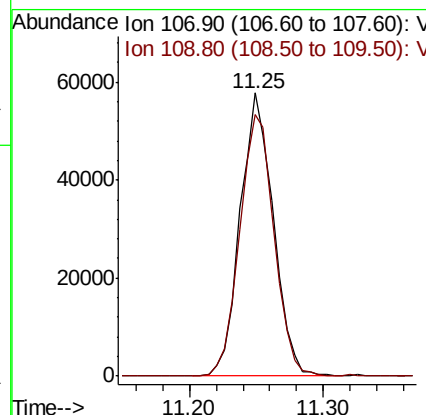
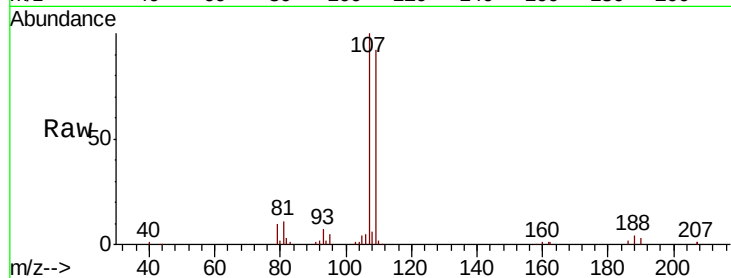
#61  
 1,2-Dibromoethane  
 Concen: 52.822 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. -0.00 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.8  | 74.6  | 111.8 |

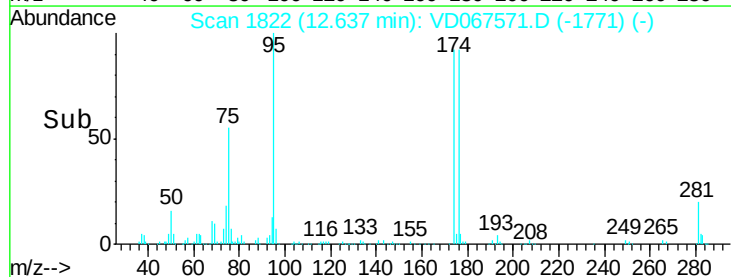
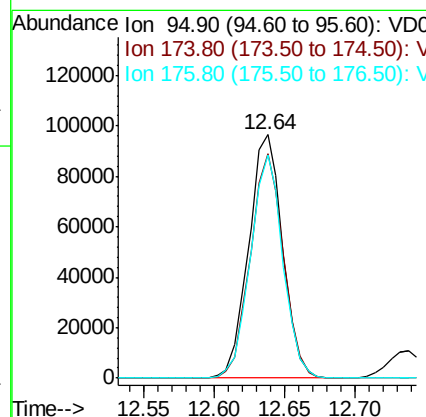
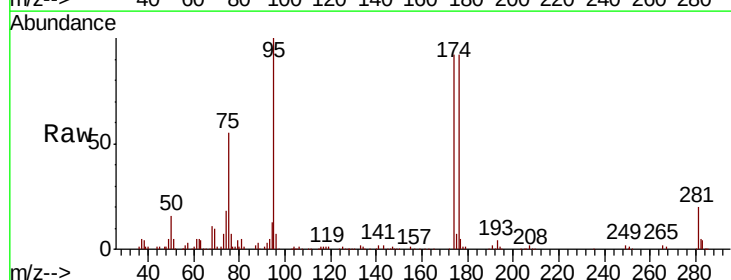
Manual Integrations  
 APPROVED

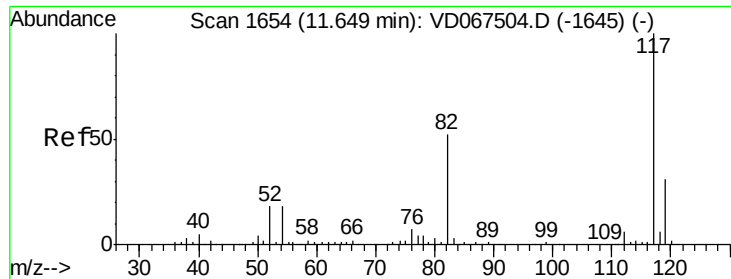
MMDadoda  
 11/10/2020 1:11:43 PM



#62  
 4-Bromofluorobenzene  
 Concen: 50.162 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. -0.00 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 90.0  | 0.0   | 177.8 |
| 176     | 87.9  | 0.0   | 172.0 |





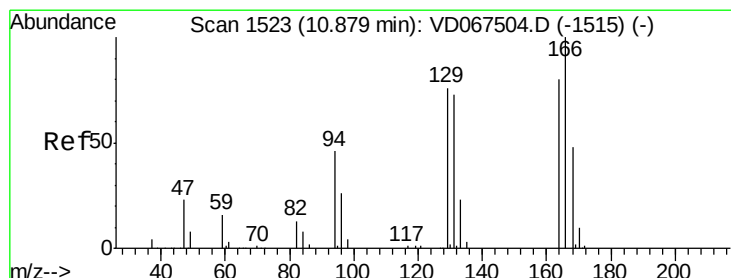
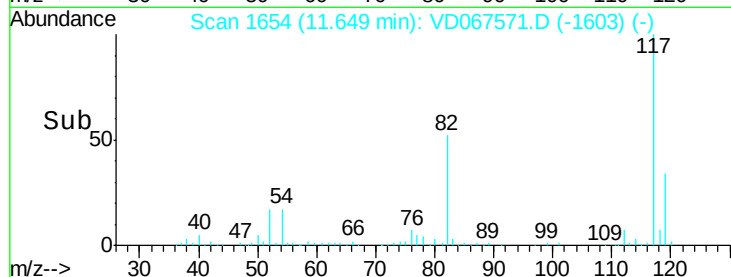
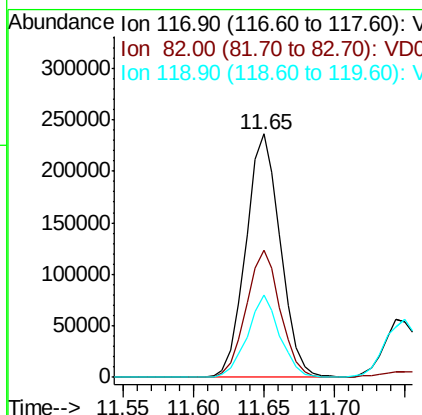
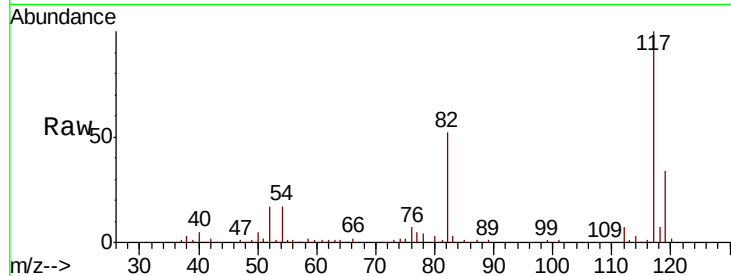
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.0  | 41.6  | 62.4  |
| 119     | 33.7  | 25.1  | 37.7  |

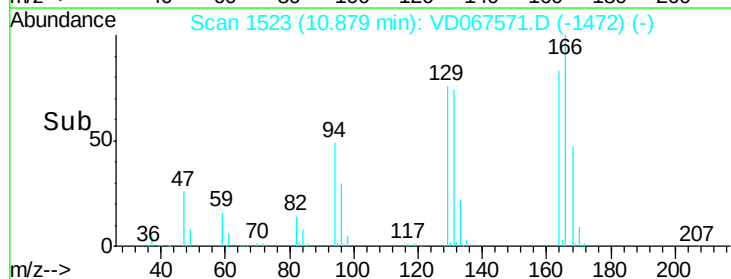
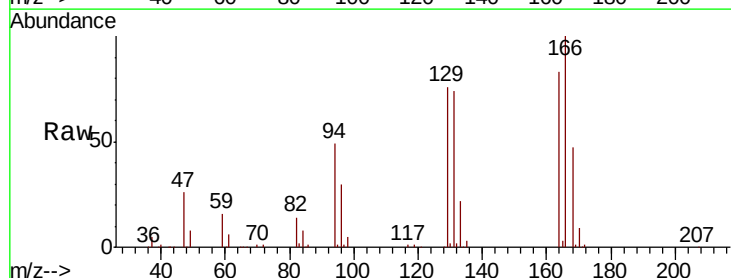
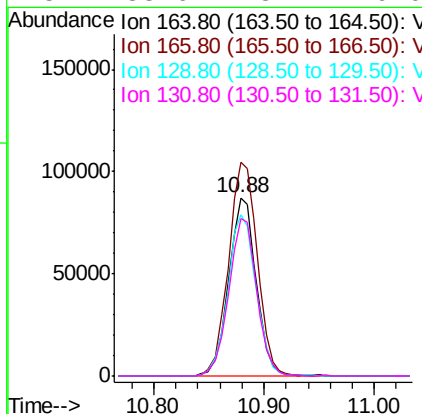
Manual Integrations  
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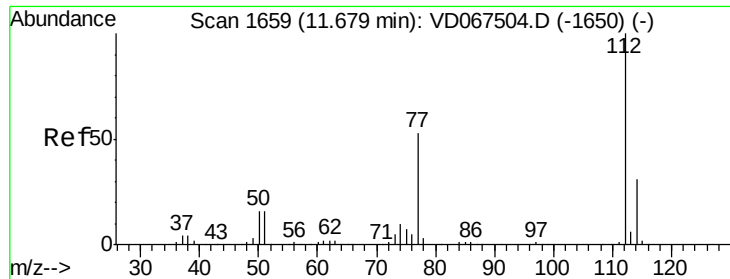
MMDadoda  
11/10/2020 1:11:43 PM



#64  
Tetrachloroethene  
Concen: 50.626 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 119.9 | 99.9  | 149.9 |
| 129     | 90.6  | 75.5  | 113.3 |
| 131     | 88.6  | 73.4  | 110.0 |





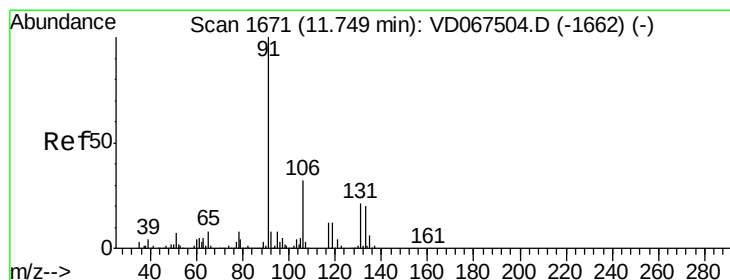
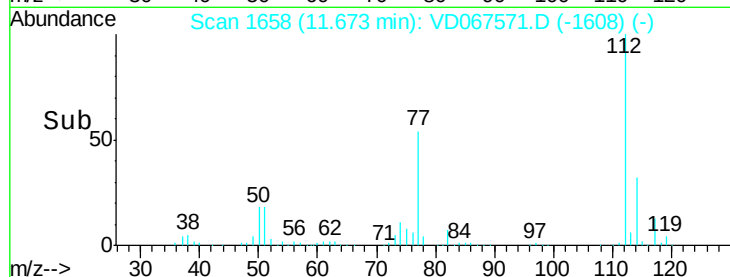
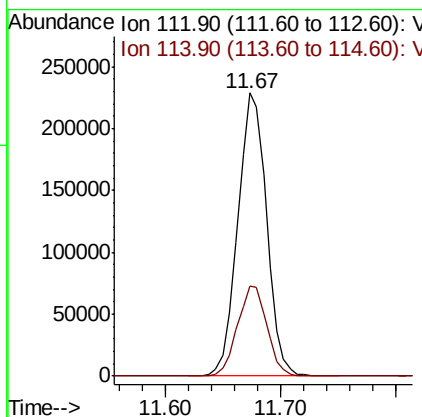
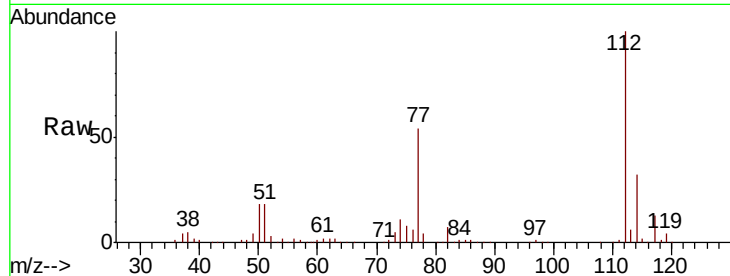
#65  
Chlorobenzene  
Concen: 50.613 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:112 Resp: 394841  
Ion Ratio Lower Upper  
112 100  
114 31.6 24.9 37.3

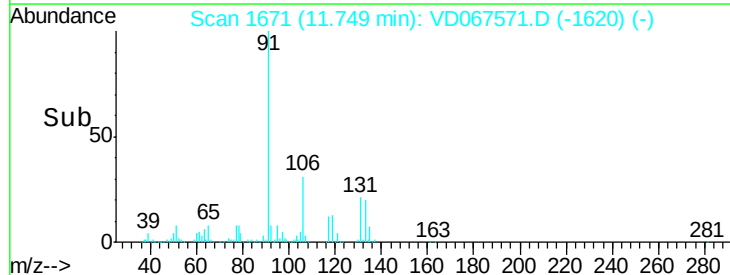
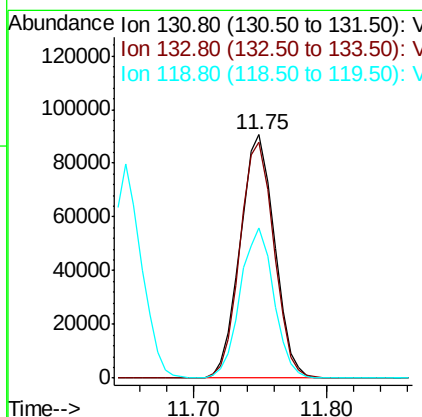
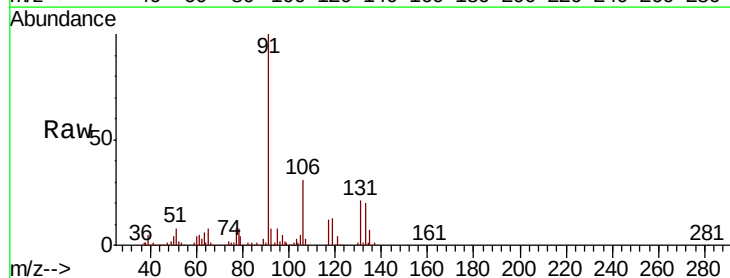
Manual Integrations  
APPROVED

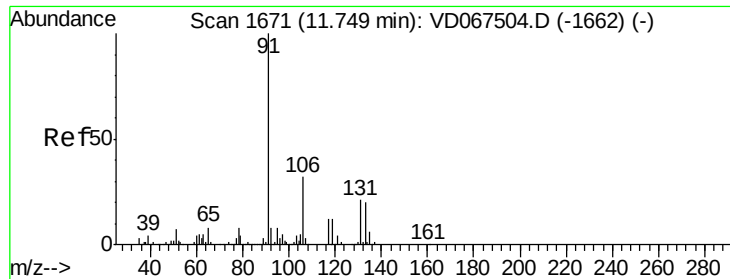
MMDadoda  
11/10/2020 1:11:43 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.675 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Tgt Ion:131 Resp: 161959  
Ion Ratio Lower Upper  
131 100  
133 95.7 48.0 144.0  
119 60.4 30.1 90.5





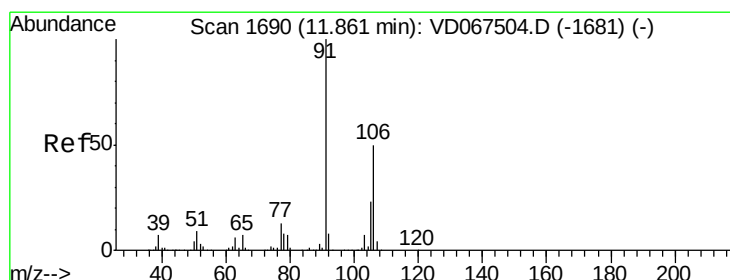
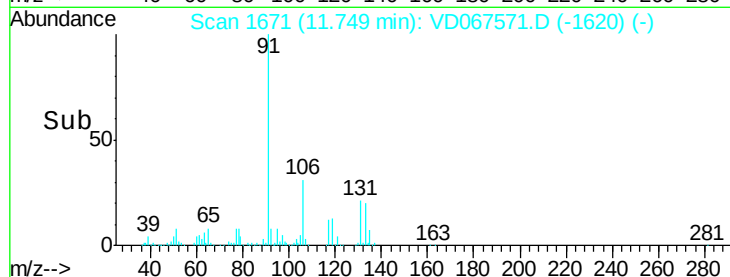
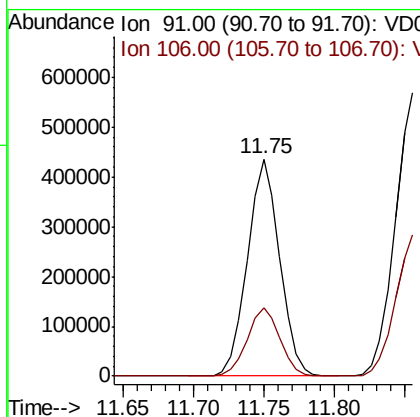
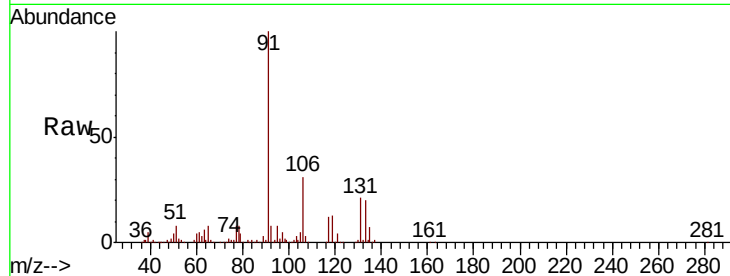
#67  
Ethyl Benzene  
Concen: 52.362 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 699002  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.7 38.5

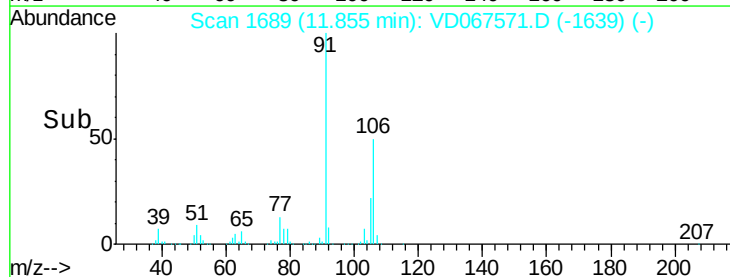
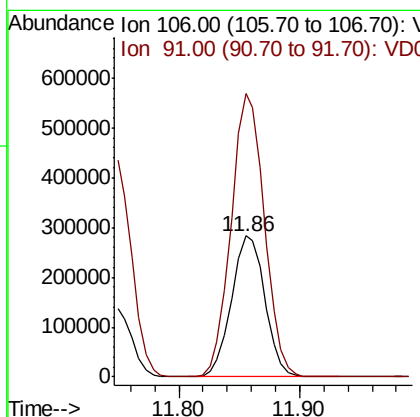
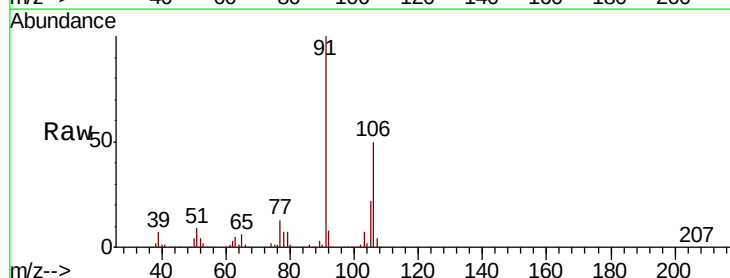
Manual Integrations  
APPROVED

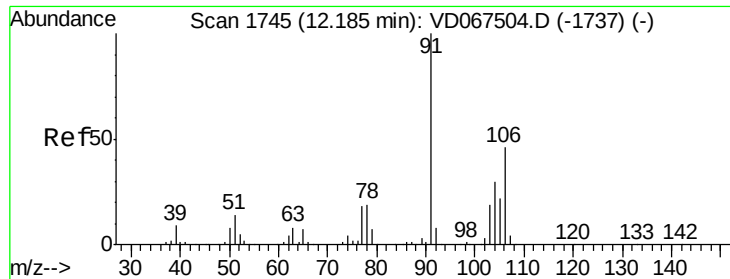
MMDadoda  
11/10/2020 1:11:43 PM



#68  
m/p-Xylenes  
Concen: 105.282 ug/l  
RT: 11.86 min Scan# 1689  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Tgt Ion: 106 Resp: 546783  
Ion Ratio Lower Upper  
106 100  
91 199.7 162.6 244.0





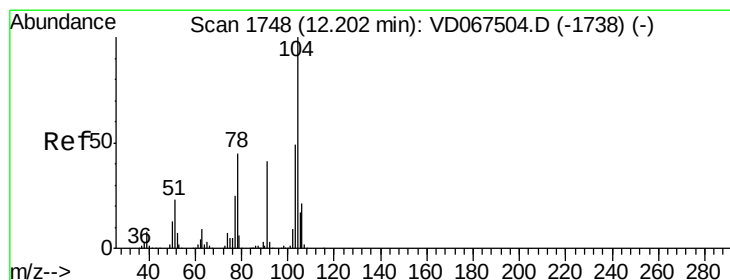
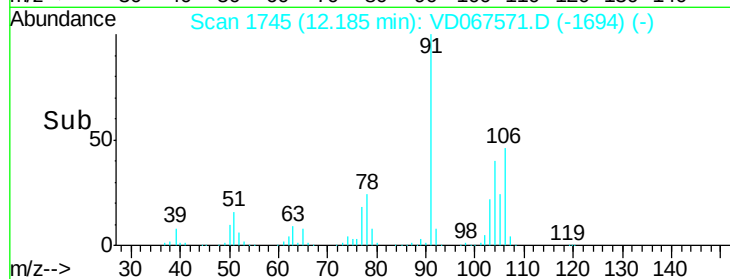
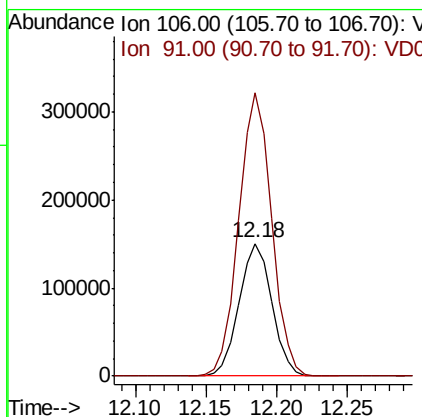
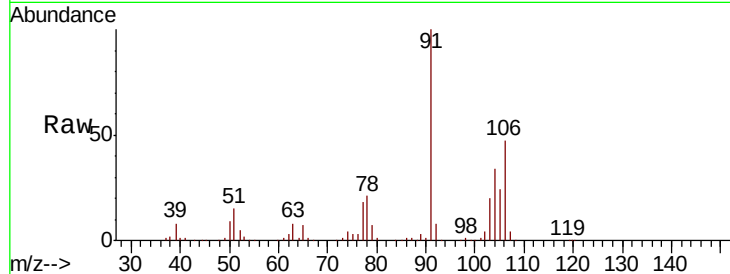
#69  
o-Xylene  
Concen: 52.992 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 245716  
Ion Ratio Lower Upper  
106 100  
91 213.1 107.1 321.1

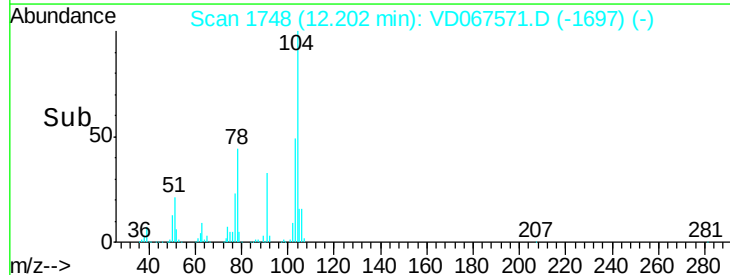
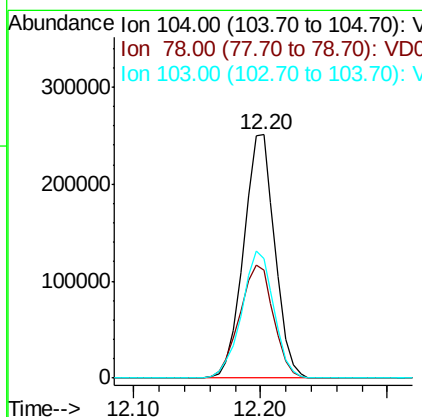
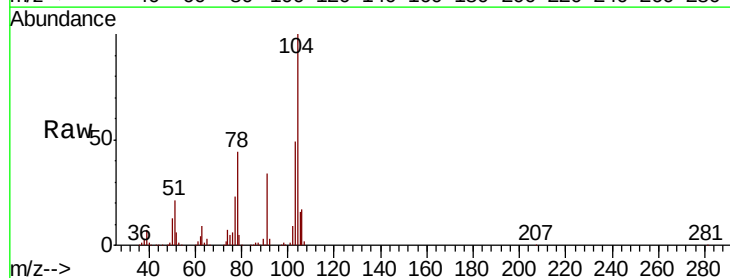
Manual Integrations  
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11/10/2020 1:11:43 PM

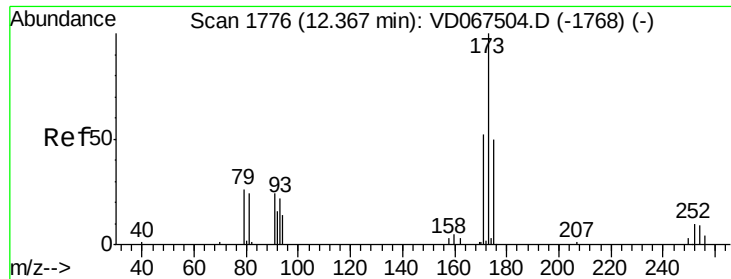


#70  
Styrene  
Concen: 53.057 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Tgt Ion:104 Resp: 428696  
Ion Ratio Lower Upper  
104 100  
78 50.6 39.8 59.8  
103 54.1 43.9 65.9







#71

Bromoform

Concen: 55.550 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 87109

Ion Ratio Lower Upper

173 100

175 47.2 24.1 72.2

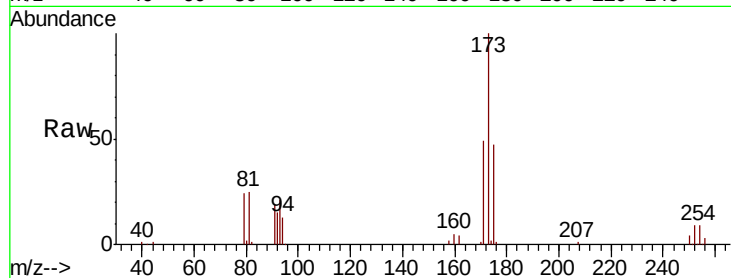
254 0.1 0.0 0.0#

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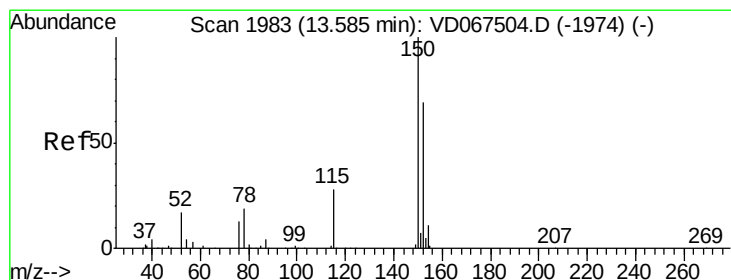
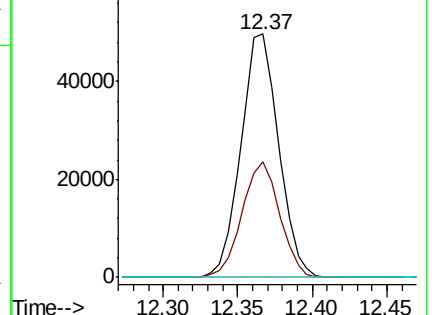
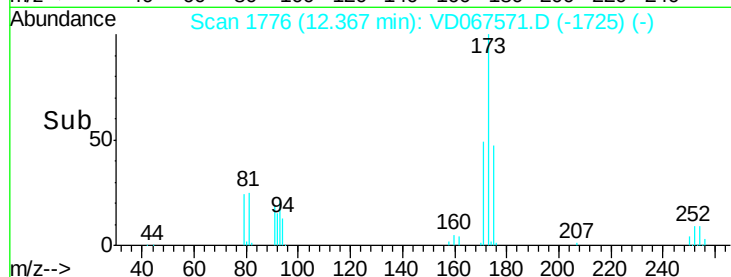
11/10/2020 1:11:43 PM



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: VD067571.D

Acq: 09 Nov 2020 17:39

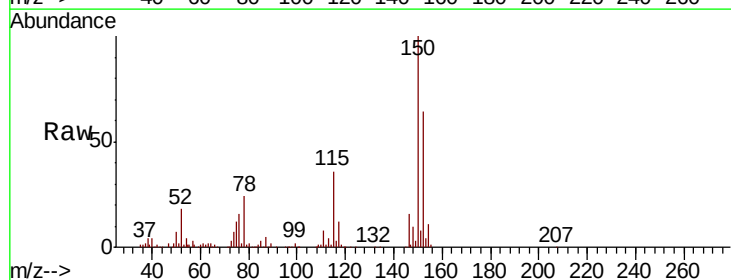
Tgt Ion:152 Resp: 207106

Ion Ratio Lower Upper

152 100

115 59.5 29.3 88.0

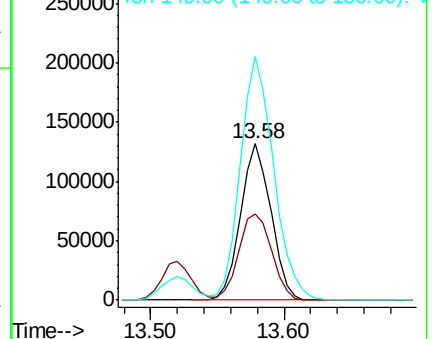
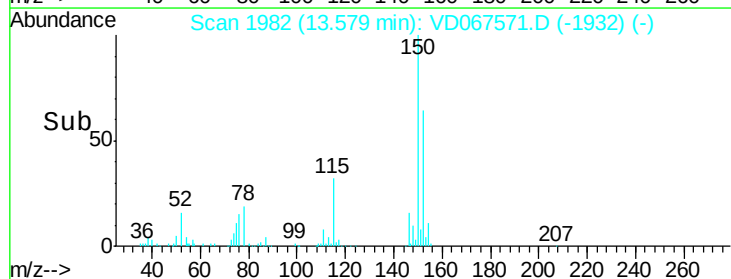
150 171.4 0.0 338.2

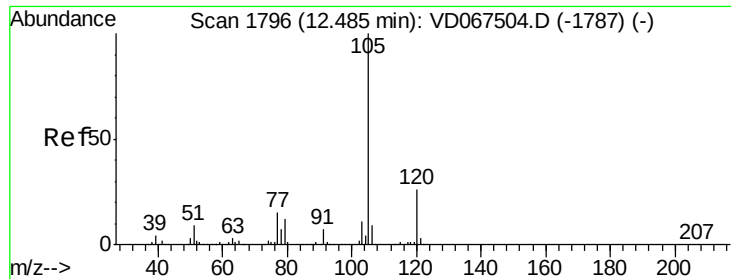


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





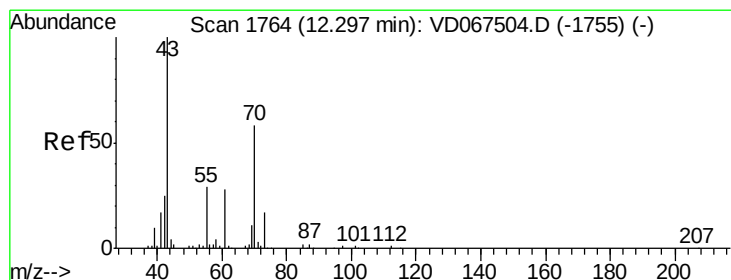
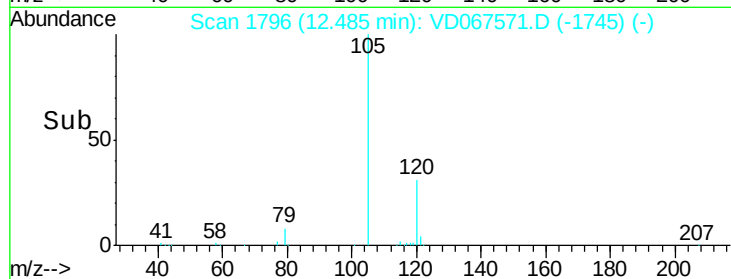
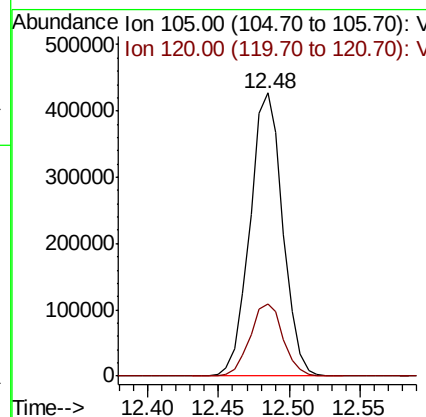
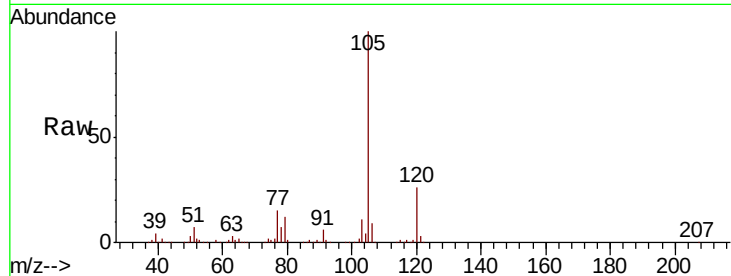
#73  
Isopropylbenzene  
Concen: 51.916 ug/l  
RT: 12.48 min Scan# 1796  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 105 Resp: 694896  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.2 39.6

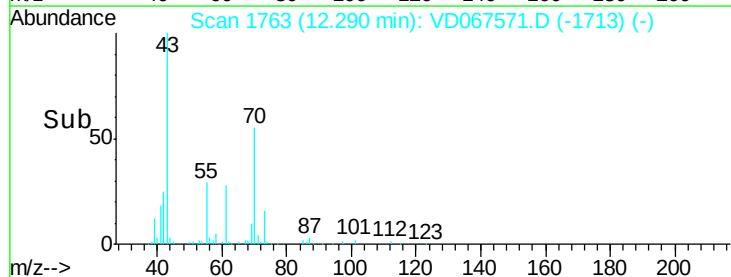
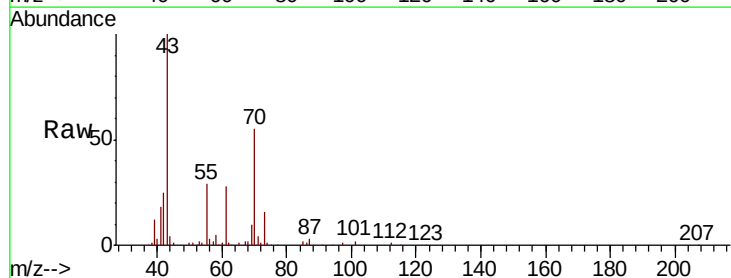
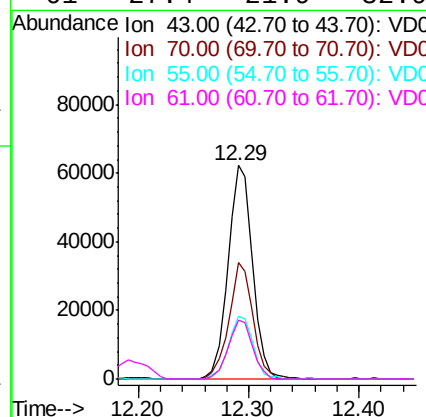
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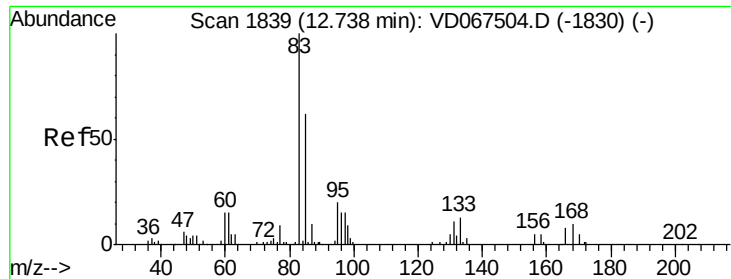
MMDadoda  
11/10/2020 1:11:43 PM



#74  
N-ethyl acetate  
Concen: 54.802 ug/l  
RT: 12.29 min Scan# 1763  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Tgt Ion: 43 Resp: 96520  
Ion Ratio Lower Upper  
43 100  
70 53.0 42.6 64.0  
55 29.3 23.7 35.5  
61 27.4 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.229 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA\_D

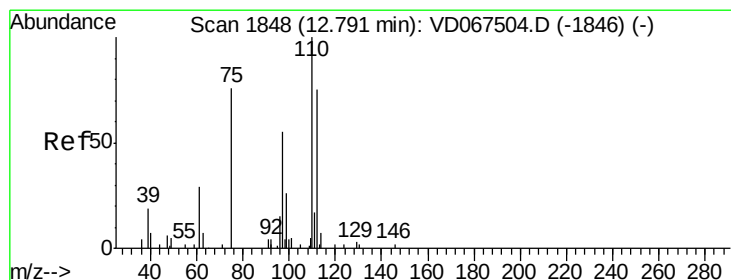
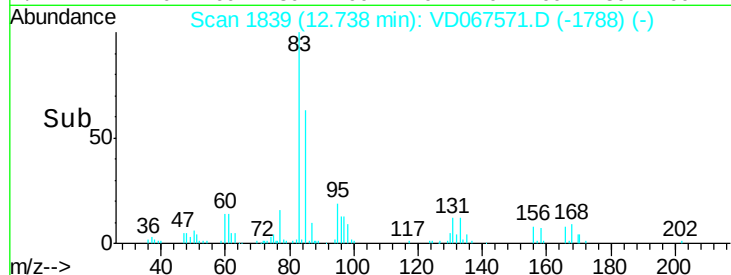
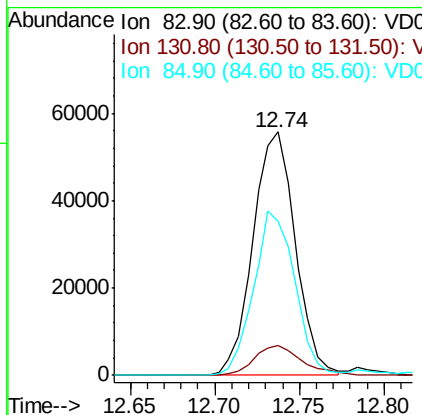
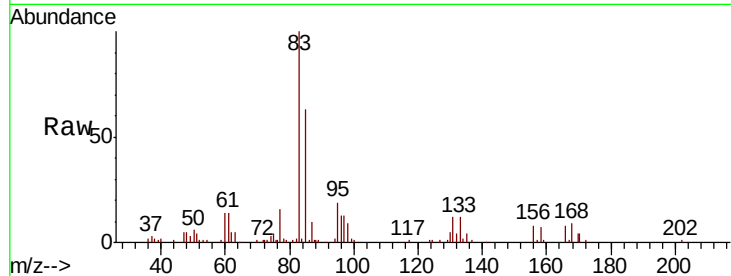
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 97153 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 13.8  | 7.1   | 21.3  |
| 85        | 65.6  | 32.9  | 98.7  |

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#76

1,2,3-Trichloropropane

Concen: 47.561 ug/l m

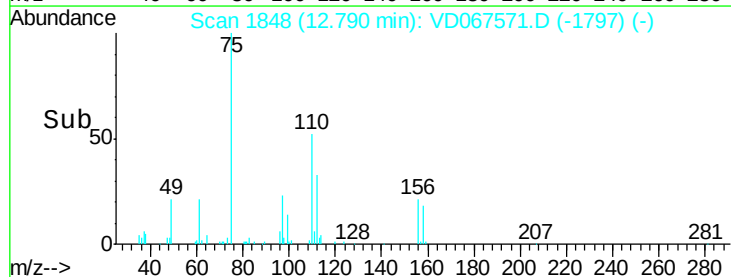
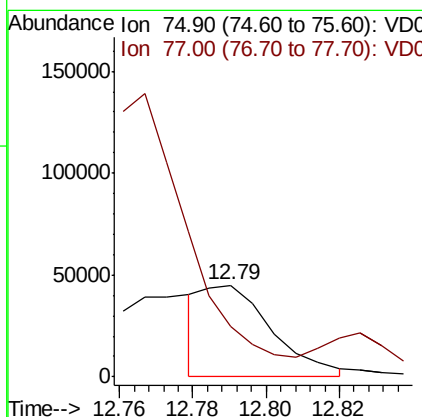
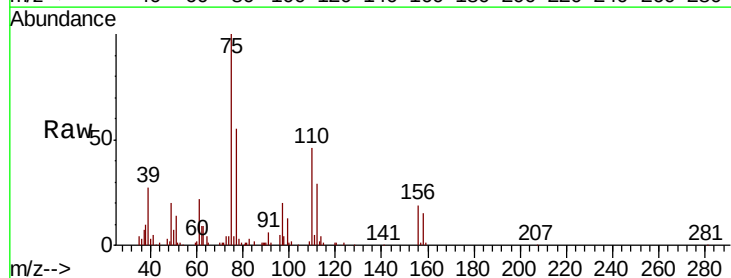
RT: 12.79 min Scan# 1848

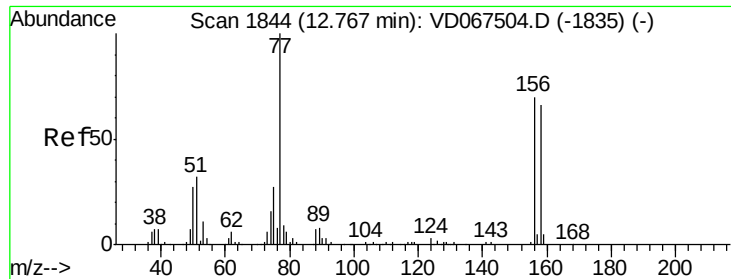
Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 59422 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 53.028 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA\_D

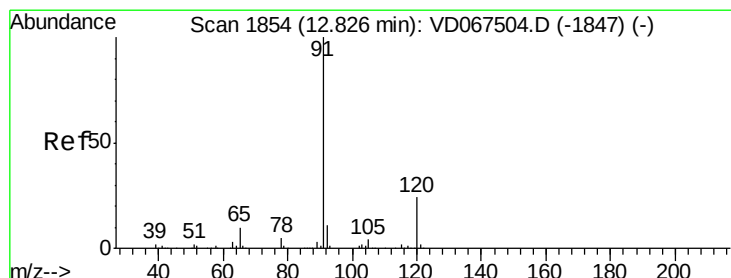
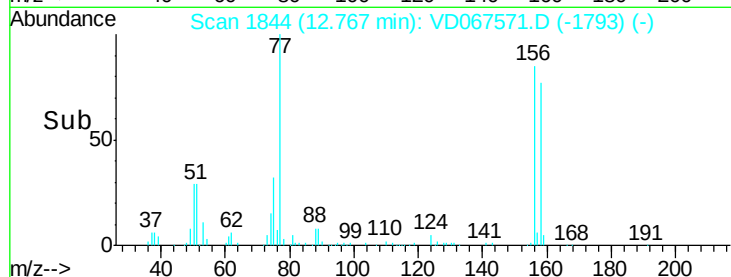
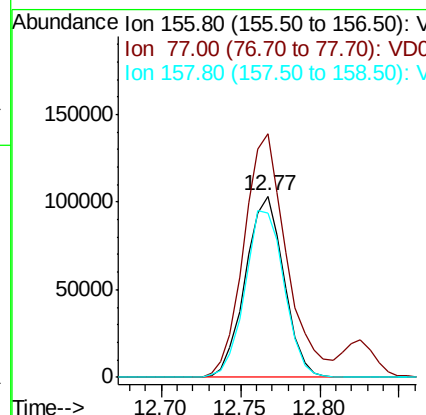
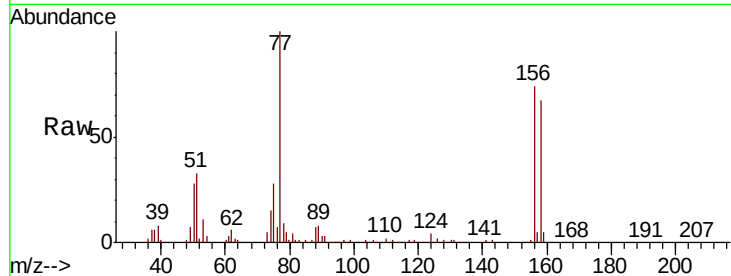
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 149.8 | 77.8  | 233.5 |
| 158     | 93.8  | 47.9  | 143.7 |

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#78

n-propylbenzene

Concen: 51.446 ug/l

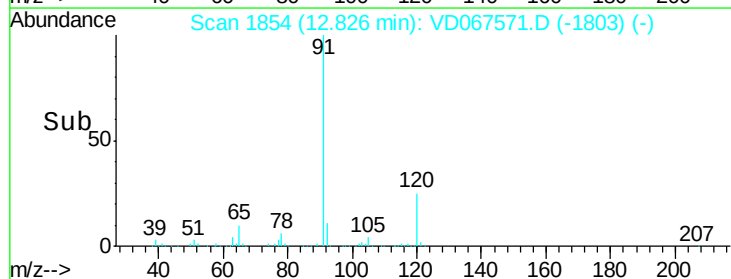
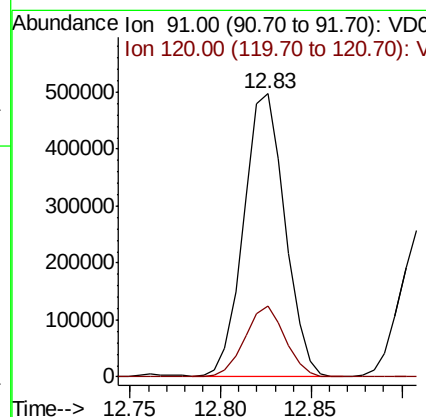
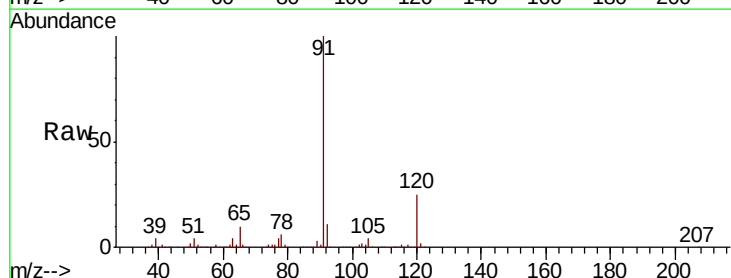
RT: 12.83 min Scan# 1854

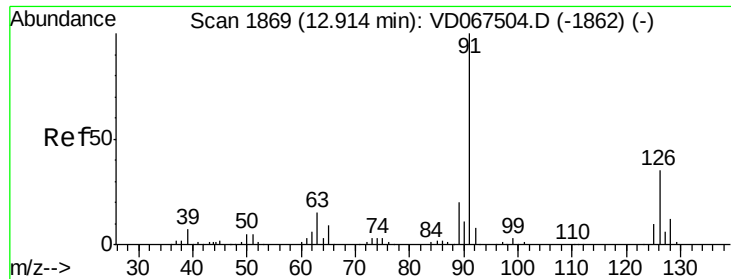
Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.3  | 12.2  | 36.4  |





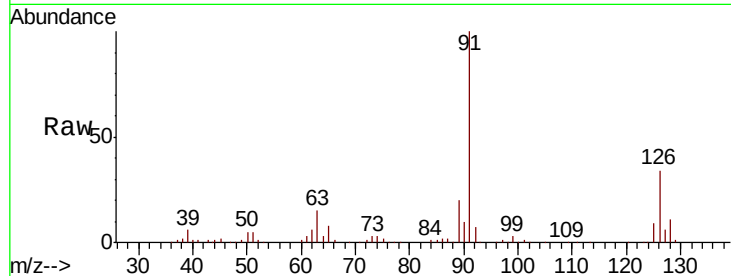
#79  
2-Chlorotoluene  
Concen: 51.938 ug/l  
RT: 12.91 min Scan# 1869  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

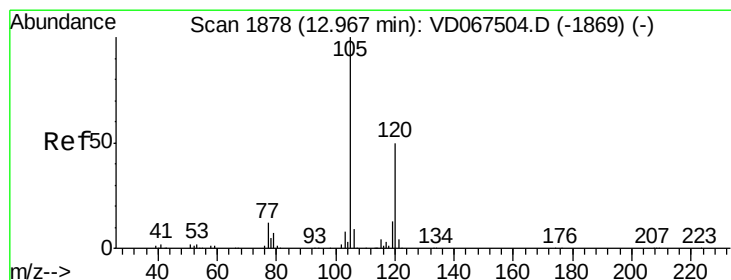
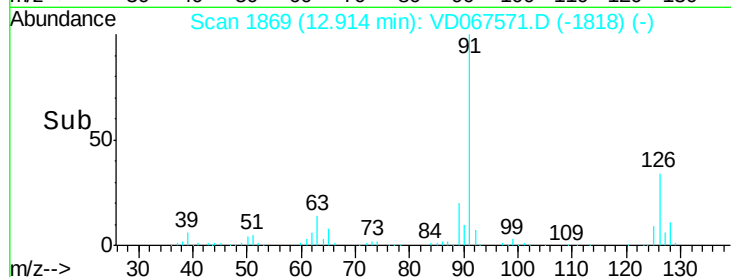
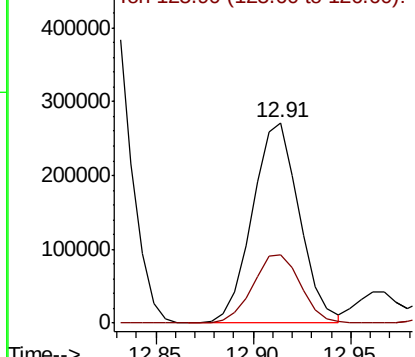
Tot Ion: 91 Resp: 451692  
Ion Ratio Lower Upper  
91 100  
126 34.9 17.8 53.4

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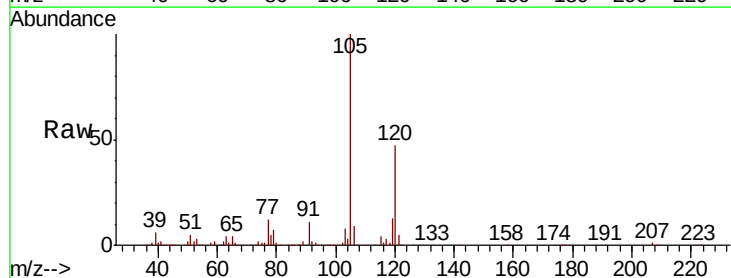


Abundance Ion 91.00 (90.70 to 91.70): V  
Ion 125.90 (125.60 to 126.60): V

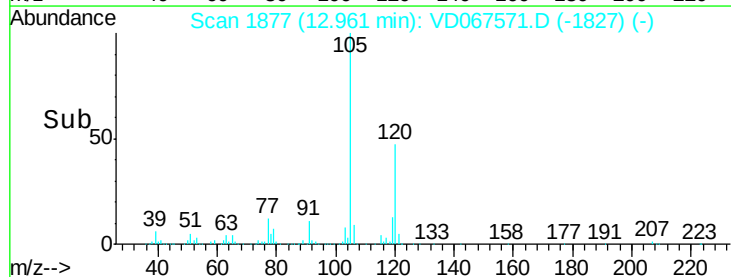
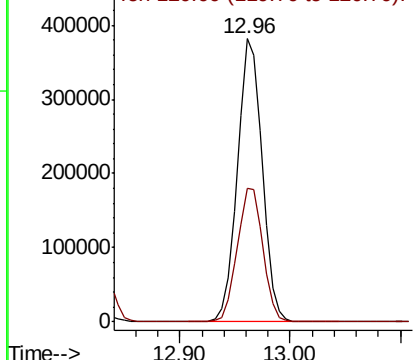


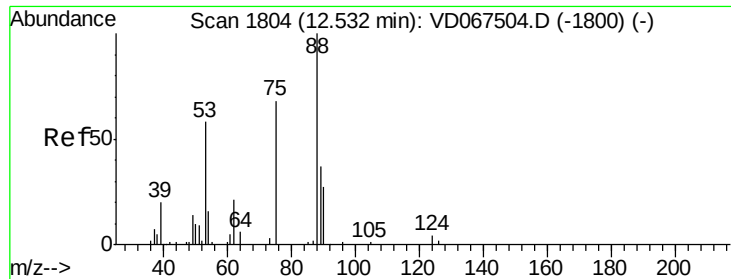
#80  
1,3,5-Trimethylbenzene  
Concen: 52.669 ug/l  
RT: 12.96 min Scan# 1877  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Tgt Ion: 105 Resp: 602213  
Ion Ratio Lower Upper  
105 100  
120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





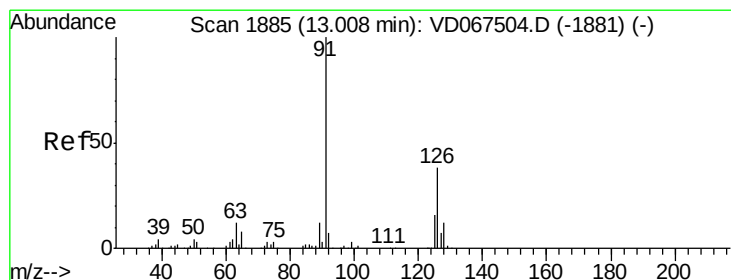
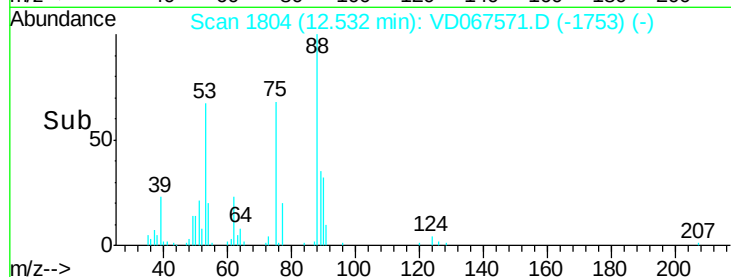
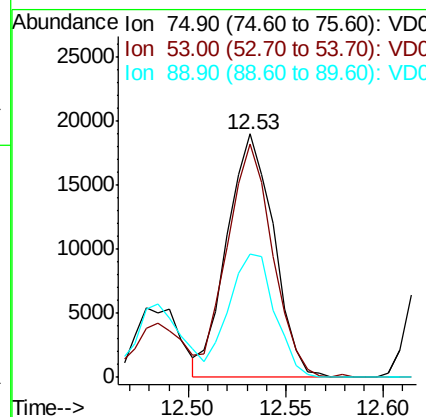
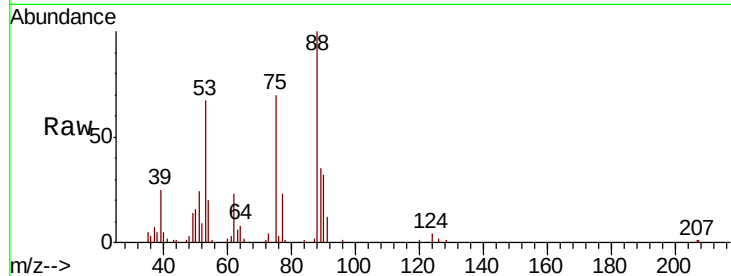
#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.006 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 93.9  | 75.9  | 113.9 |
| 89      | 49.8  | 44.6  | 67.0  |

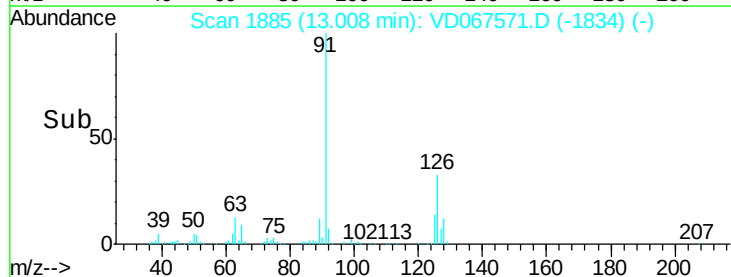
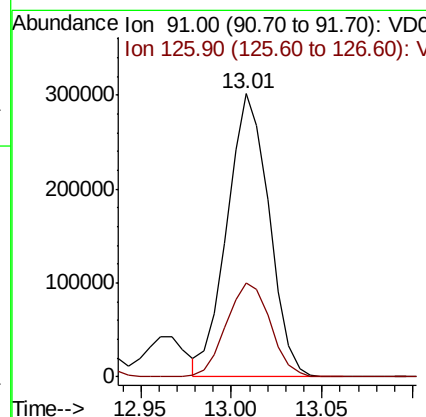
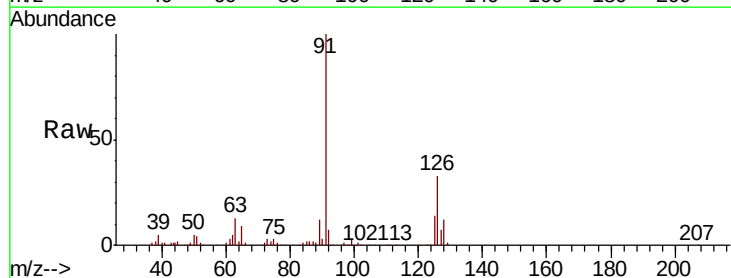
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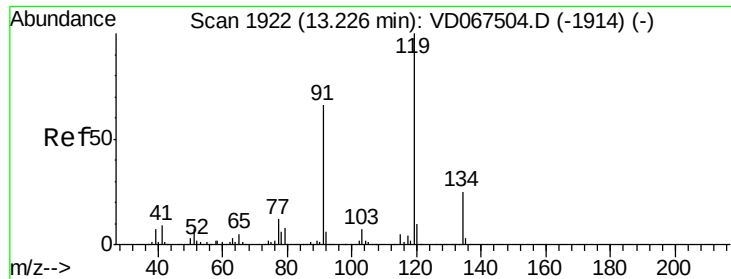
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#82  
4-Chlorotoluene  
Concen: 51.805 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.0  | 17.9  | 53.7  |





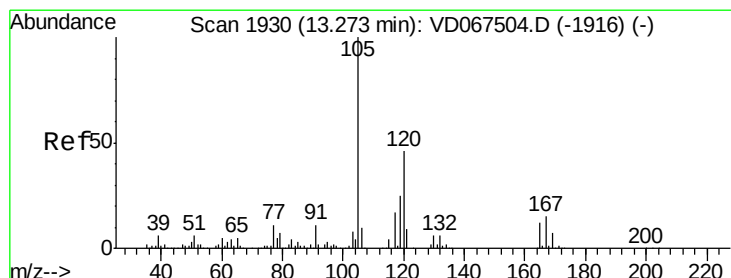
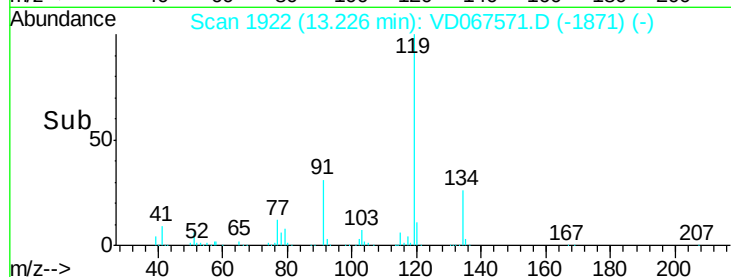
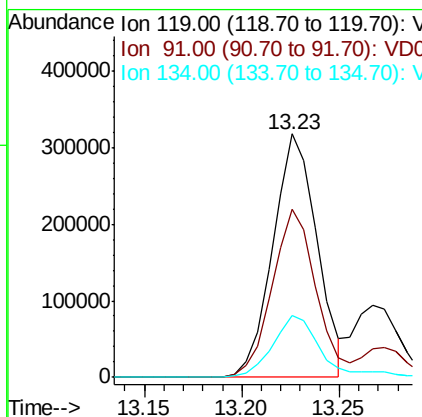
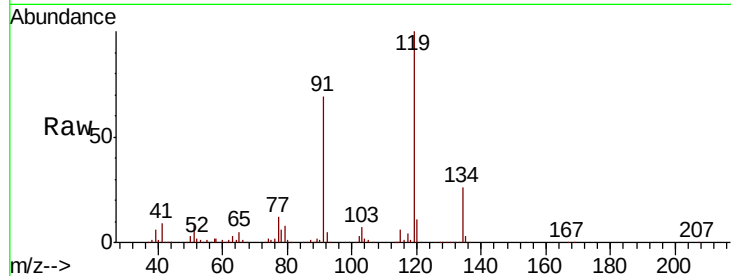
#83  
tert-Butylbenzene  
Concen: 51.447 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 498549 |       |       |
| 91      | 68.7  | 32.7   | 98.1  |       |
| 134     | 27.6  | 13.4   | 40.2  |       |

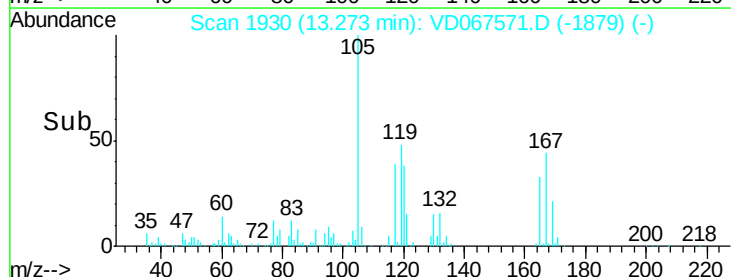
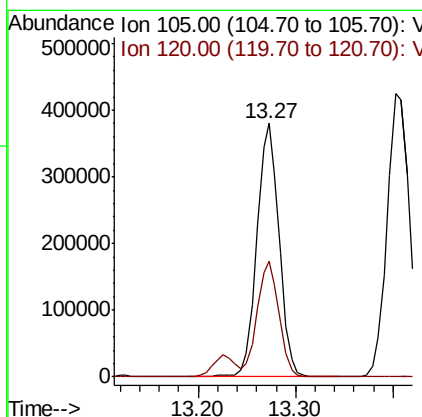
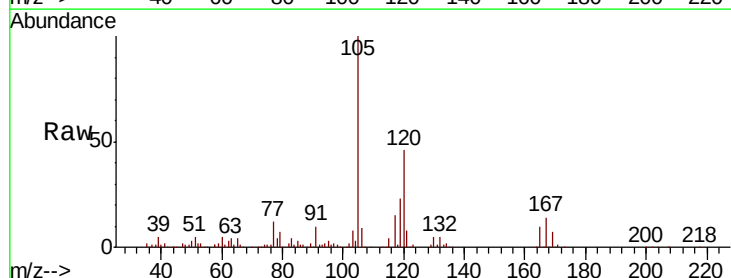
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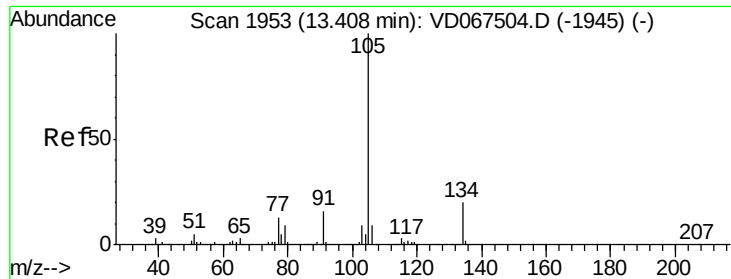
MMDadoda  
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#84  
1,2,4-Trimethylbenzene  
Concen: 53.539 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 609353 |       |       |
| 120     | 44.6  | 22.1   | 66.1  |       |





#85

sec-Butylbenzene

Concen: 51.835 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 678087

Ion Ratio Lower Upper

105 100

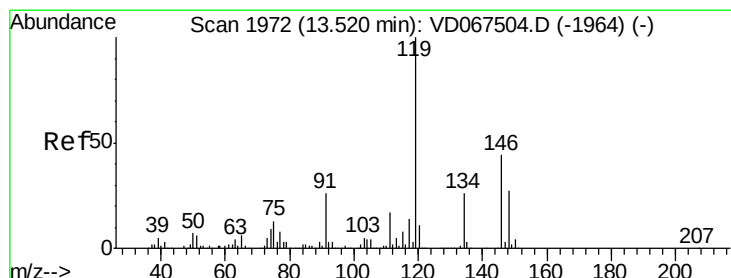
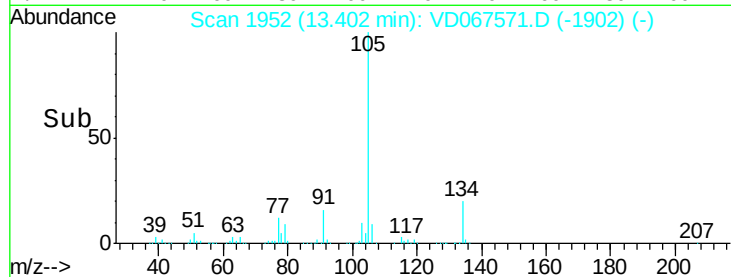
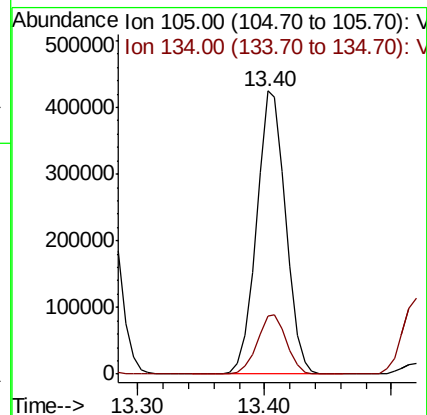
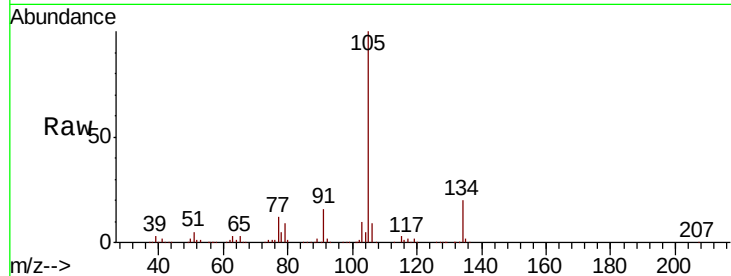
134 20.8 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.503 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067571.D

Acq: 09 Nov 2020 17:39

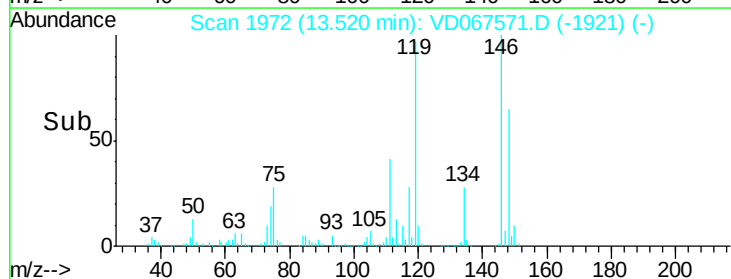
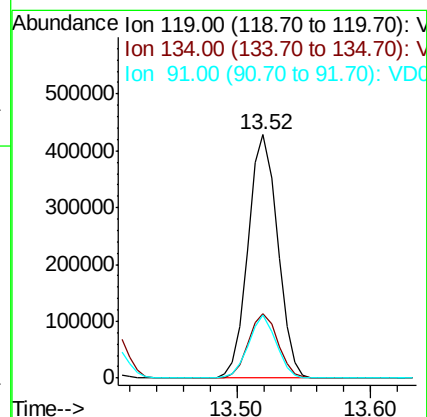
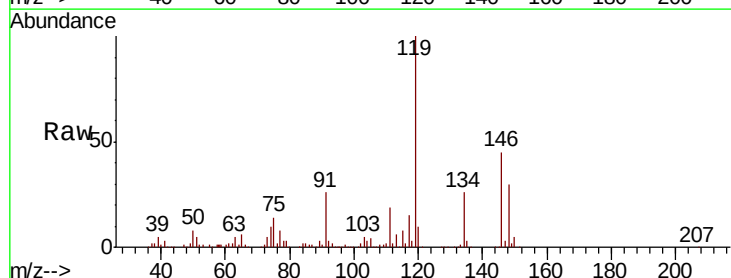
Tgt Ion:119 Resp: 650615

Ion Ratio Lower Upper

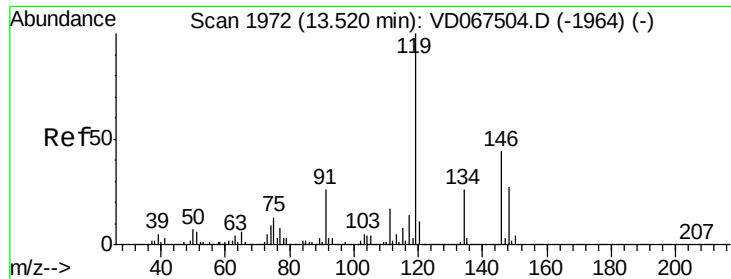
119 100

134 26.5 13.1 39.3

91 24.4 12.2 36.4







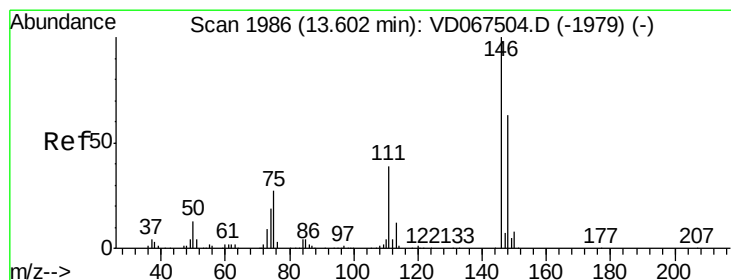
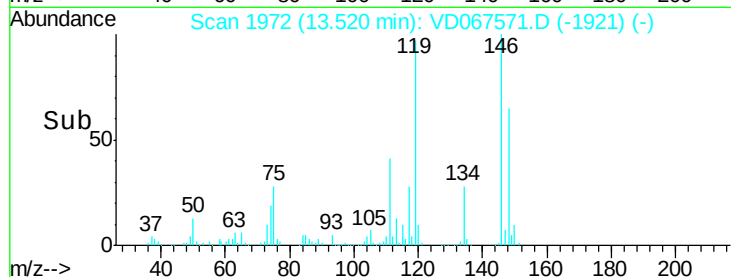
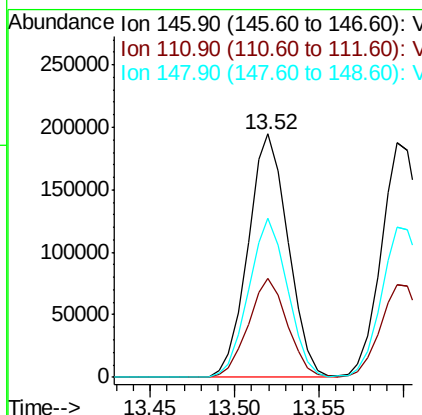
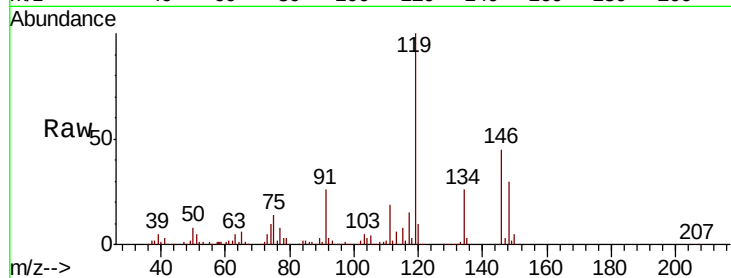
#87  
 1,3-Dichlorobenzene  
 Concen: 51.238 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.00 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 321383 |       |       |
| 111     | 39.6  | 20.3   | 60.8  |       |
| 148     | 63.6  | 31.9   | 95.9  |       |

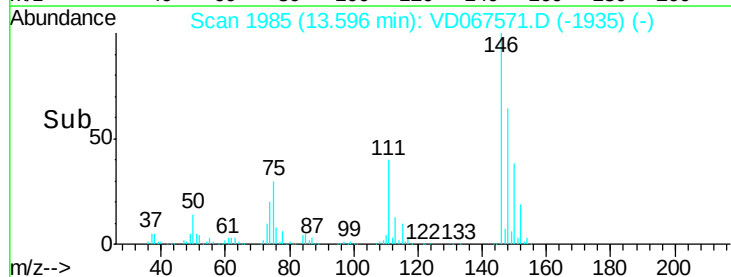
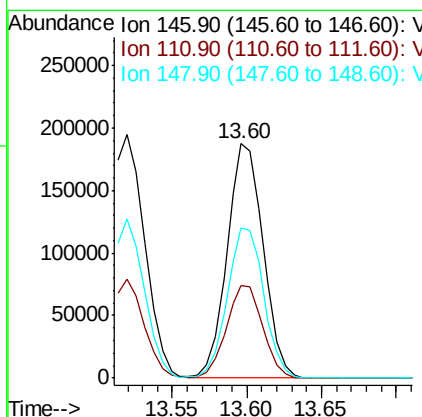
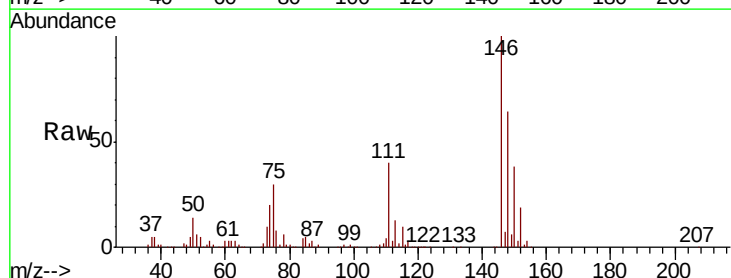
Manual Integrations  
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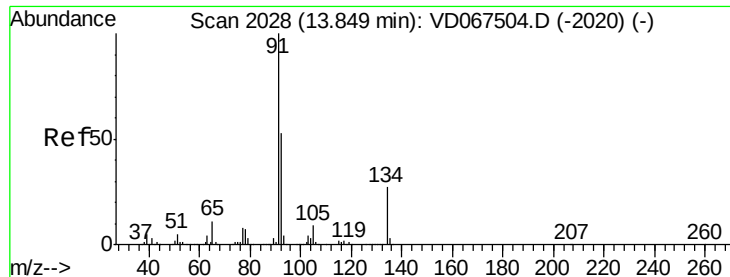
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 49.720 ug/l  
 RT: 13.60 min Scan# 1985  
 Delta R.T. -0.01 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 315780 |       |       |
| 111     | 40.0  | 19.6   | 58.7  |       |
| 148     | 64.9  | 31.8   | 95.4  |       |





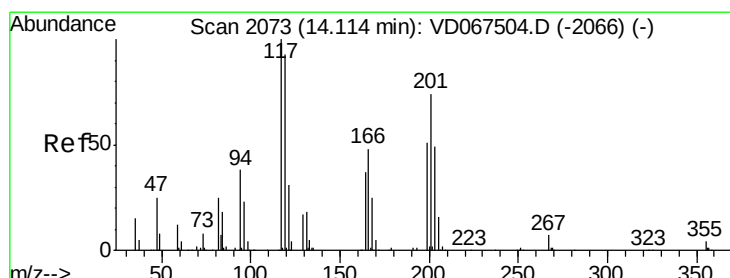
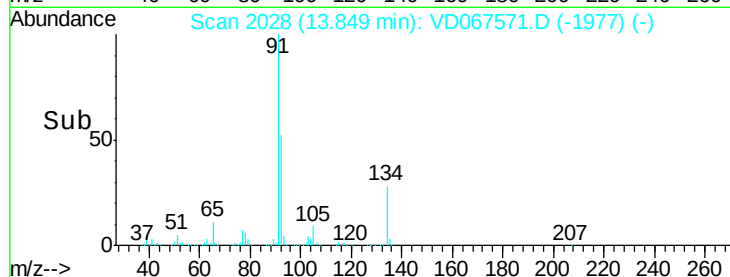
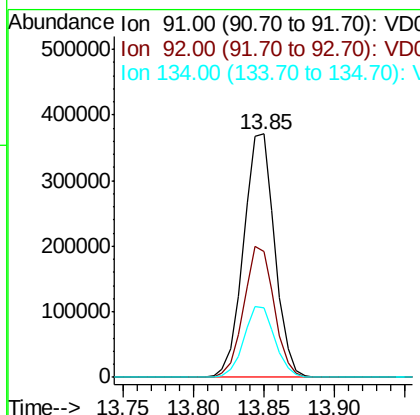
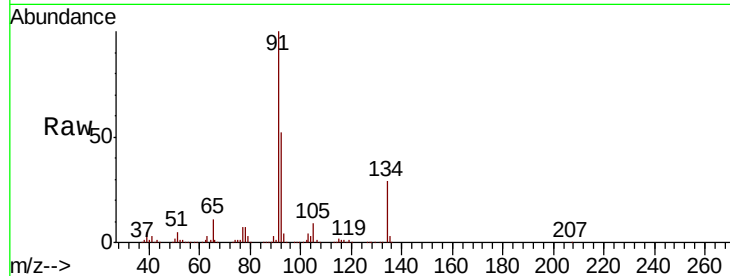
#89  
n-Butylbenzene  
Concen: 52.473 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.6  | 26.6  | 79.8  |
| 134     | 28.9  | 14.1  | 42.2  |

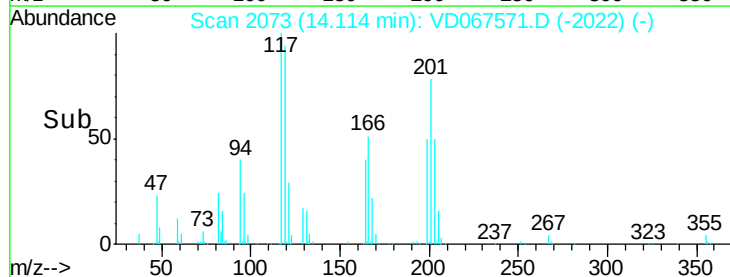
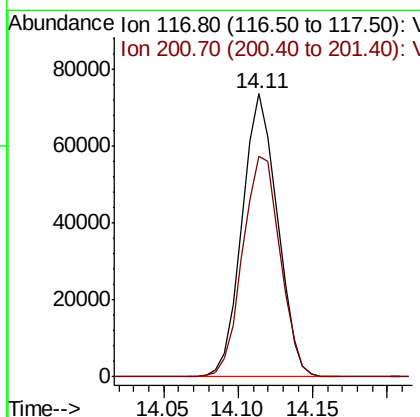
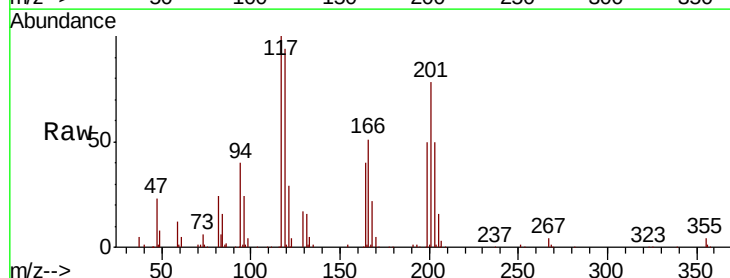
Manual Integrations  
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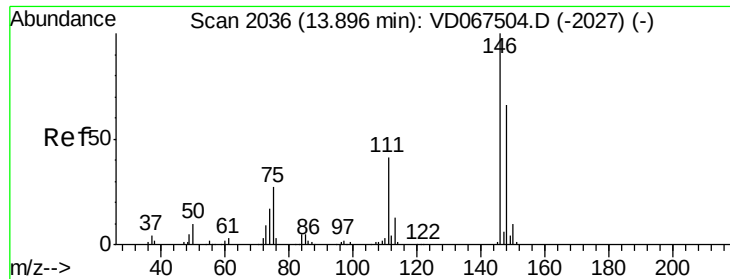
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#90  
Hexachloroethane  
Concen: 50.624 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 83.0  | 40.7  | 122.1 |





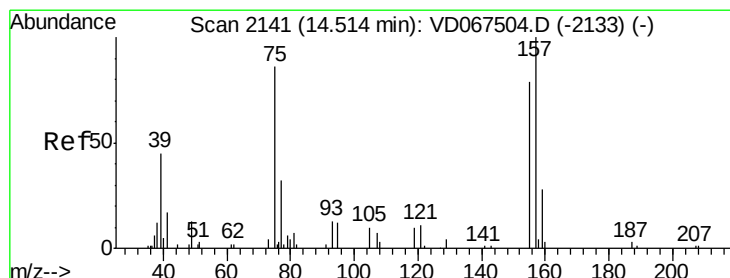
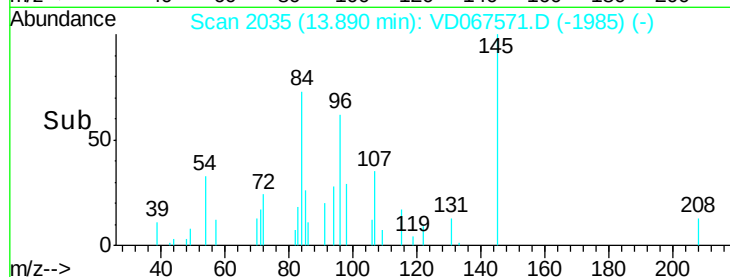
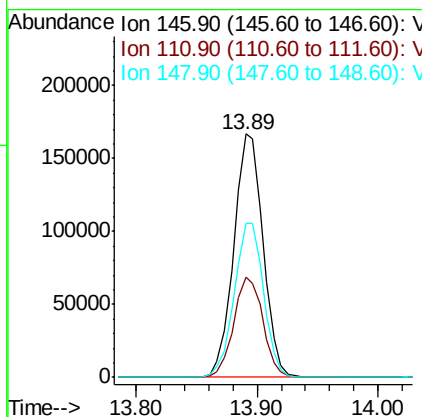
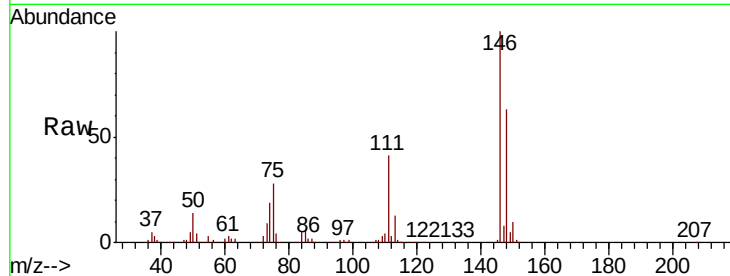
#91  
 1,2-Dichlorobenzene  
 Concen: 51.862 ug/l  
 RT: 13.89 min Scan# 2035  
 Delta R.T. -0.01 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.0  | 20.7  | 62.1  |
| 148     | 63.7  | 31.5  | 94.5  |

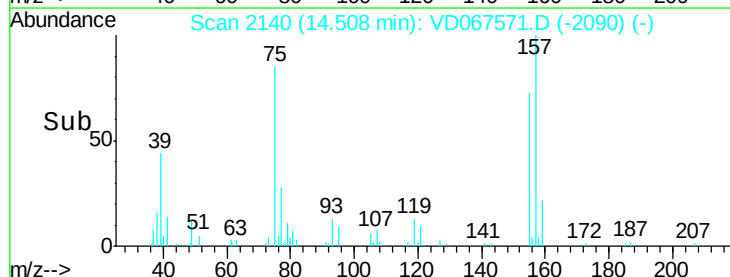
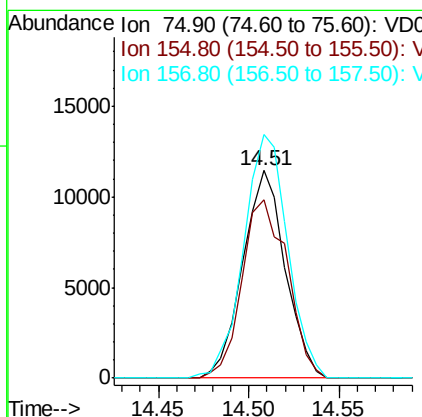
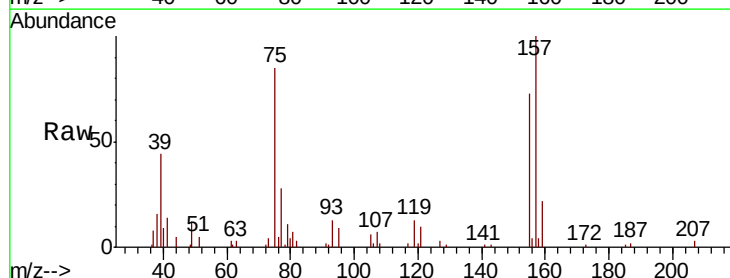
Manual Integrations  
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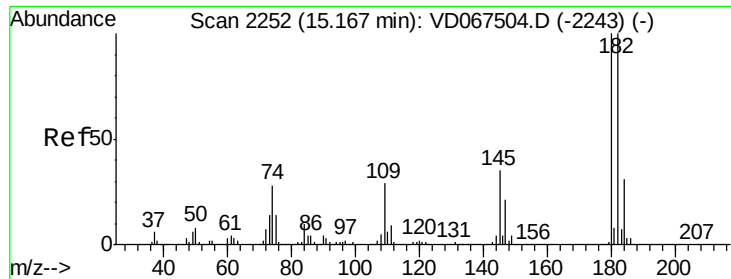
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 57.690 ug/l  
 RT: 14.51 min Scan# 2140  
 Delta R.T. -0.01 min  
 Lab File: VD067571.D  
 Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 91.7  | 46.6  | 139.8 |
| 157     | 121.7 | 58.1  | 174.2 |





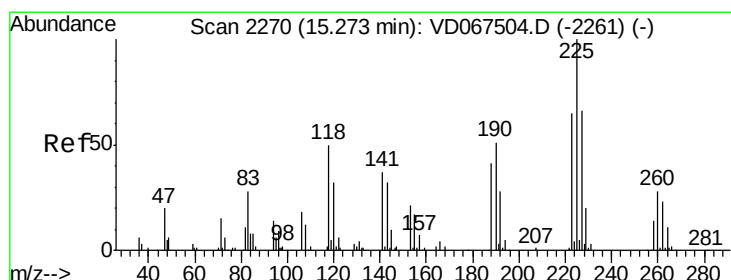
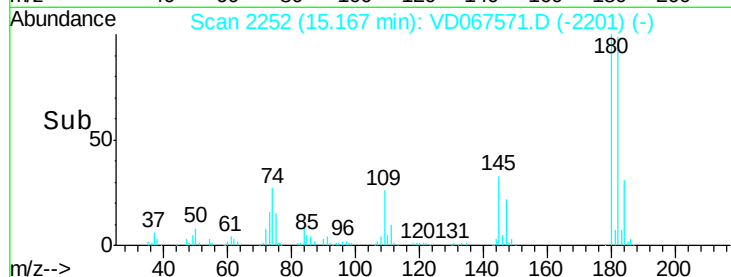
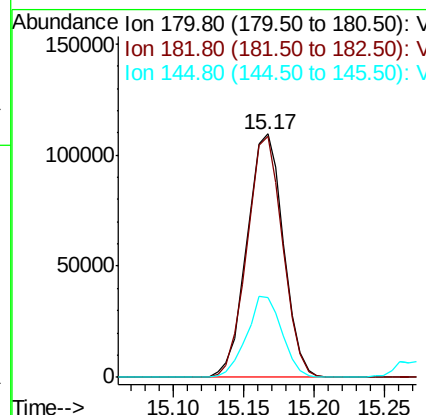
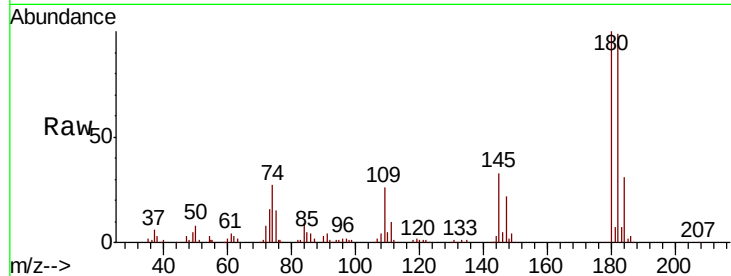
#93  
1,2,4-Trichlorobenzene  
Concen: 53.665 ug/l  
RT: 15.17 min Scan# 2252  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 197725 |       |       |
| 182     | 97.0  |        | 47.4  | 142.3 |
| 145     | 32.5  |        | 16.2  | 48.6  |

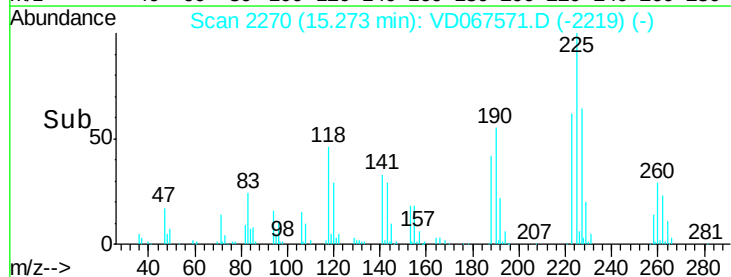
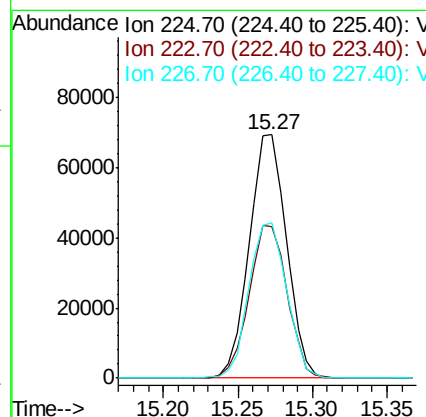
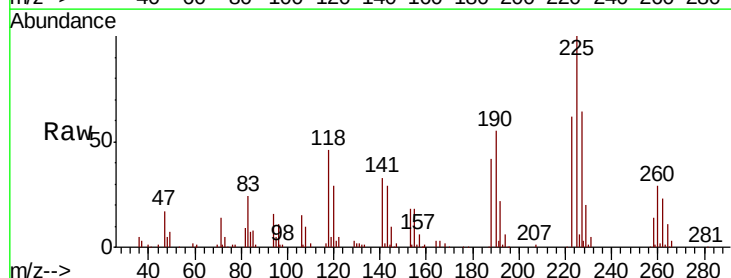
Manual Integrations  
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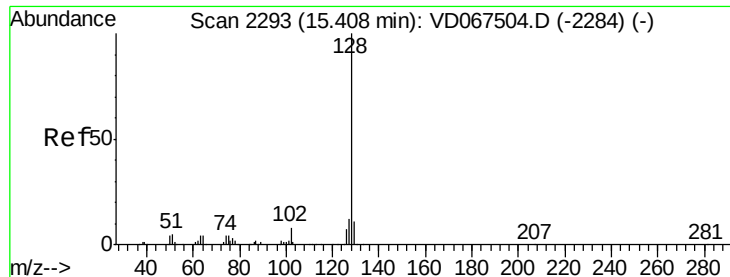
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#94  
Hexachlorobutadiene  
Concen: 48.676 ug/l  
RT: 15.27 min Scan# 2270  
Delta R.T. -0.00 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 120029 |       |       |
| 223     | 64.0  |        | 31.9  | 95.5  |
| 227     | 64.5  |        | 32.5  | 97.4  |





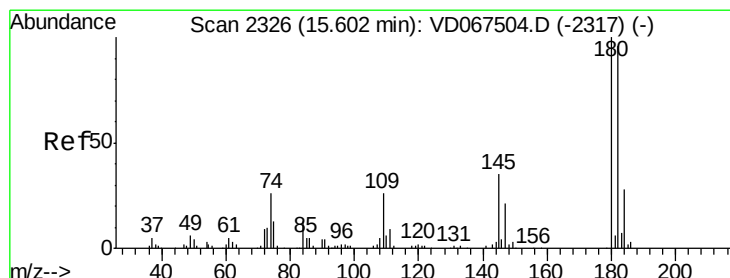
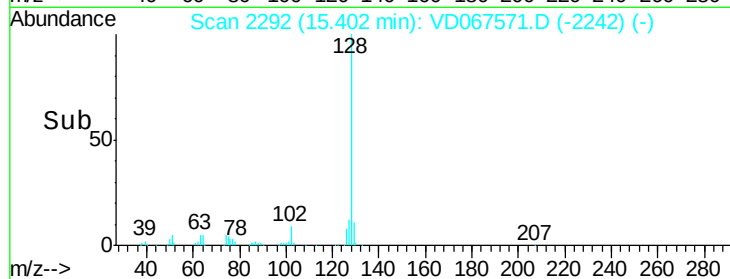
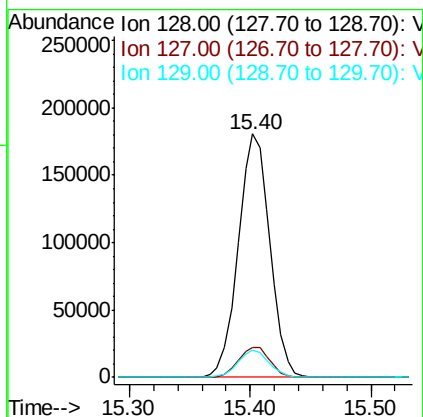
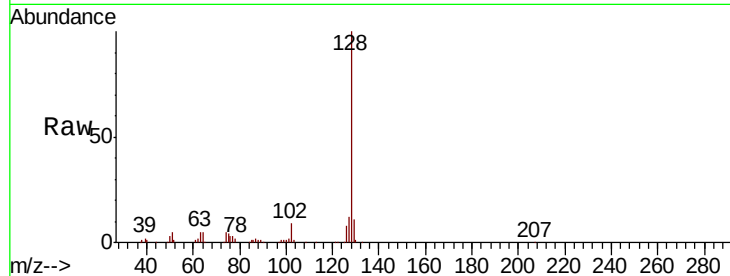
#95  
Naphthalene  
Concen: 57.859 ug/l  
RT: 15.40 min Scan# 2292  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 328987 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.5  | 10.2  | 15.4   |
| 129       | 11.1  | 8.9   | 13.3   |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 54.121 ug/l  
RT: 15.60 min Scan# 2325  
Delta R.T. -0.01 min  
Lab File: VD067571.D  
Acq: 09 Nov 2020 17:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 170759 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.5  | 46.9  | 140.8  |
| 145       | 35.3  | 17.1  | 51.2   |

