

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\  
 Data File : VD064613.D  
 Acq On : 26 Dec 2019 22:44  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
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apatel  
 12/27/2019 2:07:13 PM

Quant Time: Dec 27 05:45:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122419S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 24 13:19:06 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 397976   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 589677   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 531619   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 263094   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.34   | 65  | 184707   | 52.63 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.26% |      |
| 35) Dibromofluoromethane  | 7.92   | 113 | 186446   | 51.54 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.08% |      |
| 50) Toluene-d8            | 10.34  | 98  | 708373   | 51.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.26% |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 225214   | 51.40 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.80% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 148879  | 48.136  | ug/l | 99     |
| 3) Chloromethane              | 2.21 | 50  | 220370  | 50.946  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.35 | 62  | 260245  | 49.345  | ug/l | 96     |
| 5) Bromomethane               | 2.77 | 94  | 191891  | 50.040  | ug/l | 98     |
| 6) Chloroethane               | 2.92 | 64  | 183019  | 51.790  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 445005  | 50.112  | ug/l | 96     |
| 8) Diethyl Ether              | 3.71 | 74  | 93533   | 53.041  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 178968  | 48.663  | ug/l | 99     |
| 10) Methyl Iodide             | 4.29 | 142 | 218627  | 55.343  | ug/l | 100    |
| 11) Tert butyl alcohol        | 5.26 | 59  | 51294   | 255.042 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 175703  | 50.182  | ug/l | 98     |
| 13) Acrolein                  | 3.93 | 56  | 76461   | 272.792 | ug/l | 99     |
| 14) Allyl chloride            | 4.71 | 41  | 286248  | 52.436  | ug/l | 98     |
| 15) Acrylonitrile             | 5.43 | 53  | 191549  | 260.779 | ug/l | 99     |
| 16) Acetone                   | 4.17 | 43  | 153620  | 204.107 | ug/l | 96     |
| 17) Carbon Disulfide          | 4.40 | 76  | 563562  | 49.778  | ug/l | 99     |
| 18) Methyl Acetate            | 4.73 | 43  | 99459   | 50.341  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 416545  | 53.561  | ug/l | 96     |
| 20) Methylene Chloride        | 4.96 | 84  | 201486  | 56.804  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 206015  | 51.665  | ug/l | 99     |
| 22) Diisopropyl ether         | 6.37 | 45  | 581596  | 53.414  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.31 | 43  | 1697060 | 274.756 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 347663  | 53.186  | ug/l | 99     |
| 25) 2-Butanone                | 7.22 | 43  | 238728  | 247.483 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 290799  | 47.848  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 226751  | 52.691  | ug/l | 99     |
| 28) Bromochloromethane        | 7.55 | 49  | 141486  | 55.681  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.57 | 42  | 159109  | 265.236 | ug/l | 98     |
| 30) Chloroform                | 7.71 | 83  | 367214  | 53.544  | ug/l | 98     |
| 31) Cyclohexane               | 7.99 | 56  | 299126  | 45.715  | ug/l | 94     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 327074  | 50.775  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 280933  | 49.498  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.30 | 43  | 113222  | 50.780  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 297676  | 49.187  | ug/l | 99     |

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
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apatel  
 12/27/2019 2:07:13 PM

Quant Time: Dec 27 05:45:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122419S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 24 13:19:06 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 332594   | 48.383   | ug/l   | 96       |
| 40) Benzene                    | 8.35  | 78   | 804385   | 51.917   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.53  | 41   | 65199    | 50.399   | ug/l   | 91       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 232879   | 52.013   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 228301   | 51.442   | ug/l   | 99       |
| 44) Trichloroethene            | 9.11  | 130  | 232438   | 51.067   | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 192286   | 51.978   | ug/l   | 98       |
| 46) Dibromomethane             | 9.48  | 93   | 108205   | 52.463   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.67  | 83   | 289066   | 52.670   | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.46  | 41   | 104709   | 50.108   | ug/l   | 90       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 24713    | 1039.137 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 564144   | 257.177  | ug/l   | 99       |
| 52) Toluene                    | 10.40 | 92   | 524240   | 51.572   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 268827   | 52.538   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 312159   | 51.738   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 146182   | 52.591   | ug/l   | 94       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 180645   | 52.039   | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 247511   | 51.717   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 313088   | 236.729  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.99 | 43   | 379876   | 255.149  | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.14 | 129  | 196480   | 51.116   | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 140646   | 51.301   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.88 | 164  | 200464   | 49.152   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.67 | 112  | 556512   | 50.438   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 215402   | 51.785   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.75 | 91   | 1000235  | 49.945   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 777341   | 100.563  | ug/l   | 98       |
| 69) o-Xylene                   | 12.18 | 106  | 357537   | 51.208   | ug/l   | 97       |
| 70) Styrene                    | 12.20 | 104  | 626018   | 51.081   | ug/l   | 99       |
| 71) Bromoform                  | 12.36 | 173  | 120066   | 50.616   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 946167   | 50.325   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 209231   | 52.060   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 145969   | 49.422   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 106879m  | 51.445   | ug/l   |          |
| 77) Bromobenzene               | 12.77 | 156  | 237619   | 51.436   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.83 | 91   | 1099237  | 50.116   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 606165   | 50.307   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 779156   | 50.449   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 49364    | 49.695   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 648211   | 50.552   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.23 | 119  | 679711   | 50.689   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 783554   | 50.941   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 908963   | 49.444   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 877087   | 49.896   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 445885   | 50.630   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 439146   | 50.759   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 787110   | 49.723   | ug/l   | 100      |
| 90) Hexachloroethane           | 14.12 | 117  | 164543   | 49.003   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 381865   | 50.850   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 22959    | 47.952   | ug/l   | 97       |

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Acq On : 26 Dec 2019 22:44  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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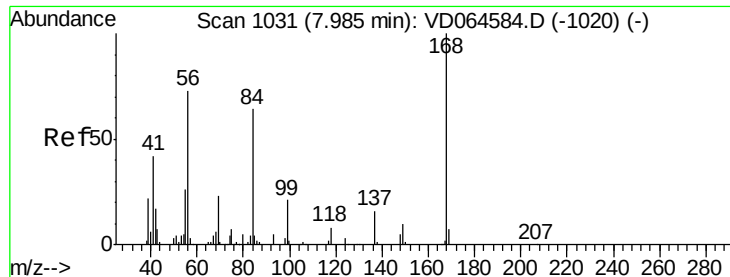
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12/27/2019 2:07:13 PM

Quant Time: Dec 27 05:45:51 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D122419S.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 24 13:19:06 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 281380   | 50.888 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 165360   | 47.524 | ug/l  | 98       |
| 95) Naphthalene            | 15.41 | 128  | 444021   | 50.759 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 237030   | 50.213 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 397976

Ion Ratio Lower Upper

168 100

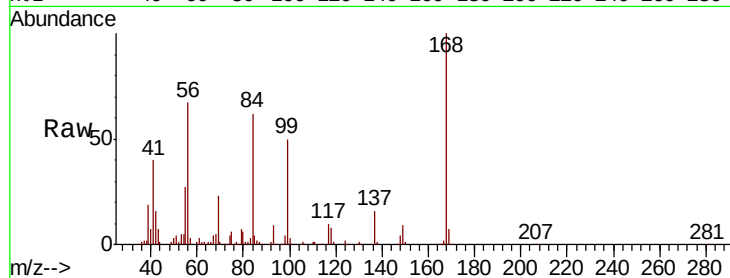
99 50.1 41.8 62.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

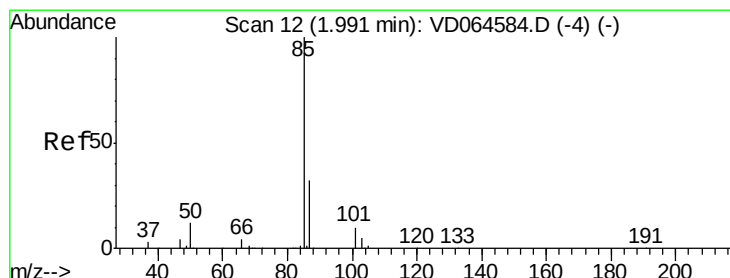
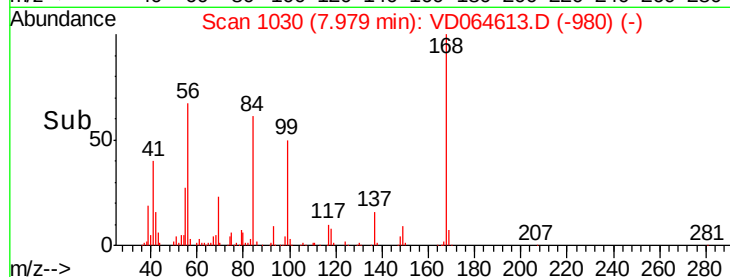
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.136 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064613.D

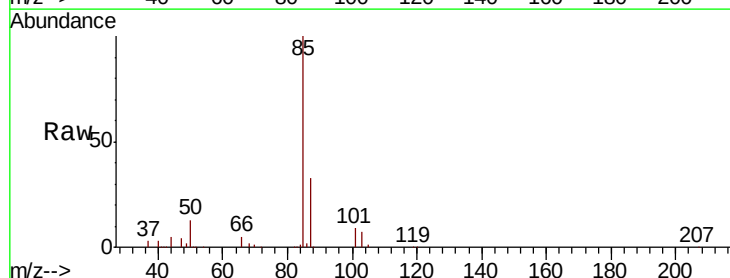
Acq: 26 Dec 2019 22:44

Tgt Ion: 85 Resp: 148879

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

120000

100000

80000

60000

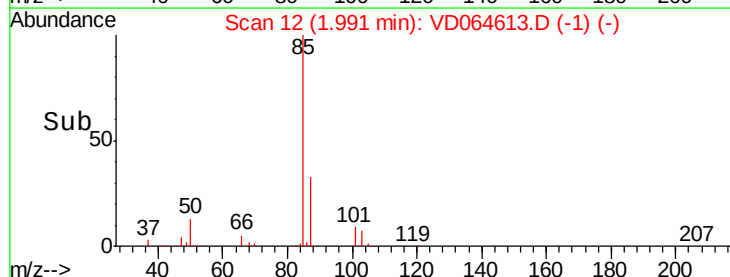
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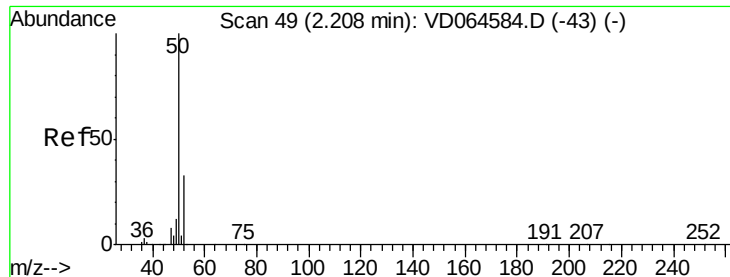
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0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 50.946 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 220370

Ion Ratio Lower Upper

50 100

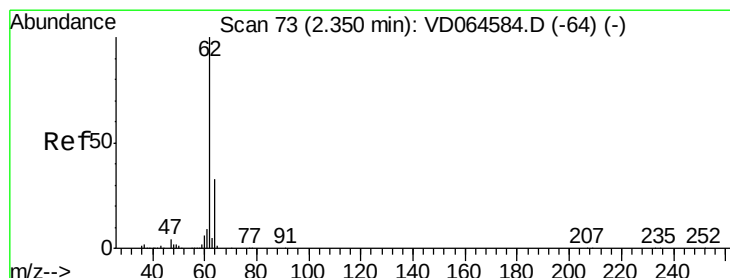
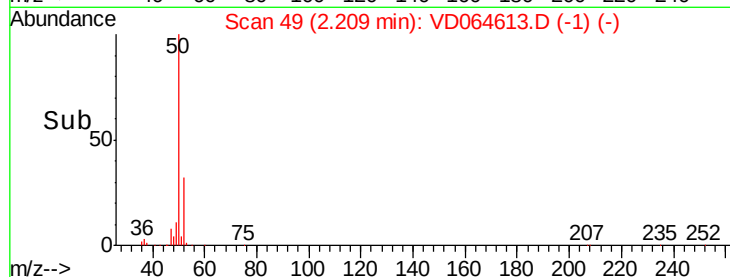
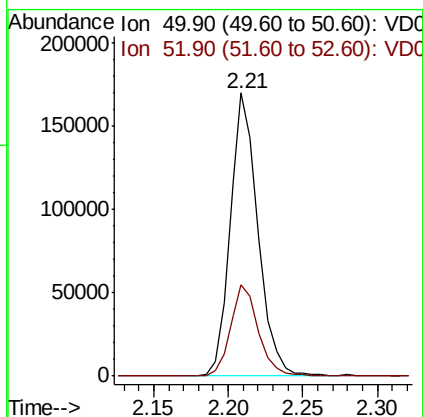
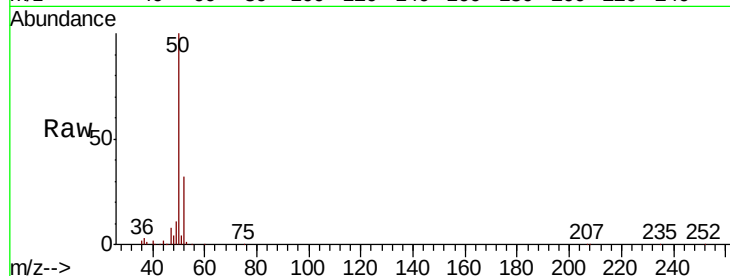
52 32.4 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.345 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064613.D

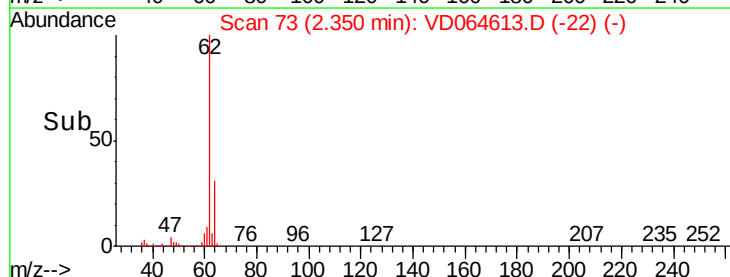
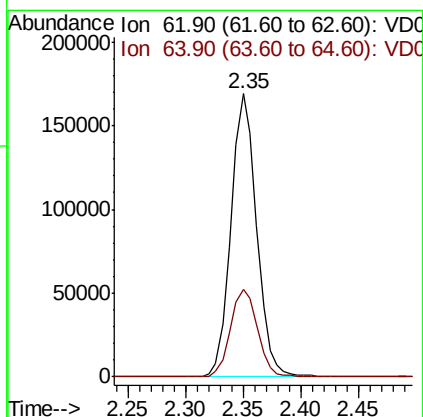
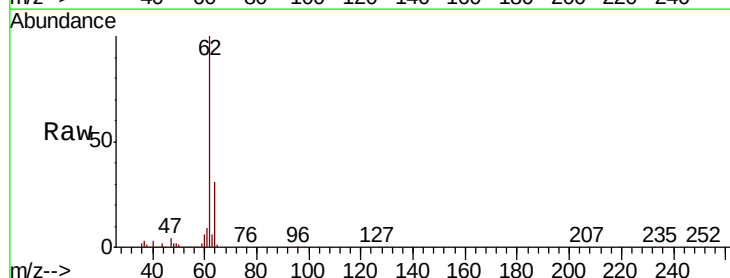
Acq: 26 Dec 2019 22:44

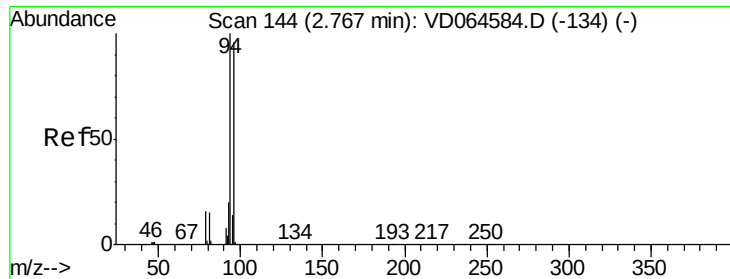
Tgt Ion: 62 Resp: 260245

Ion Ratio Lower Upper

62 100

64 31.2 26.6 40.0





#5

Bromomethane

Concen: 50.040 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 191891

Ion Ratio Lower Upper

94 100

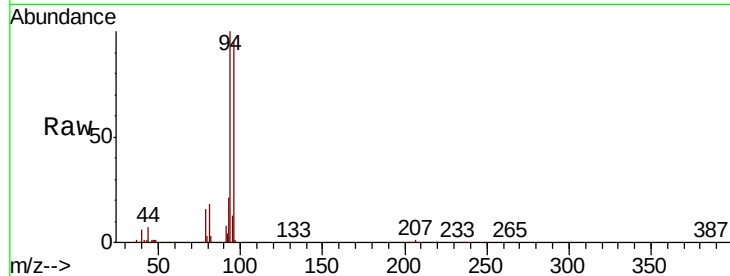
96 94.7 77.2 115.8

Manual Integrations

APPROVED

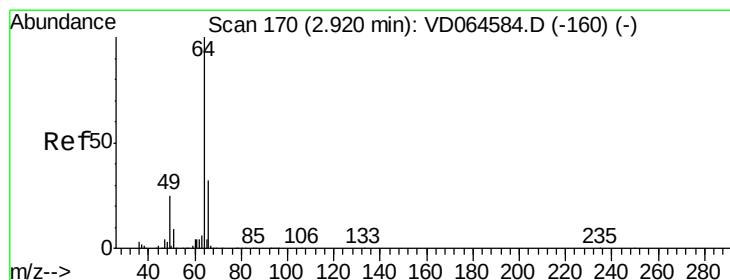
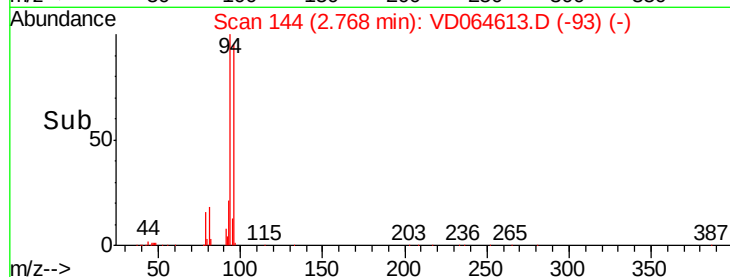
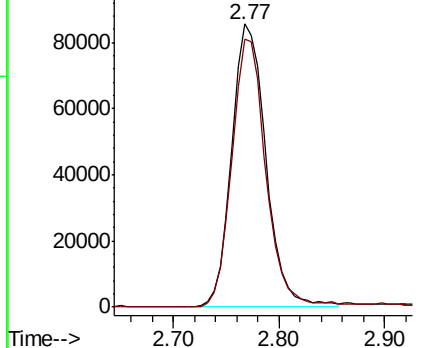
apatel

12/27/2019 2:07:13 PM



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 51.790 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD064613.D

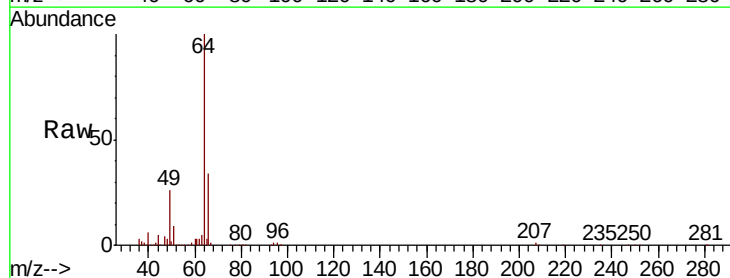
Acq: 26 Dec 2019 22:44

Tgt Ion: 64 Resp: 183019

Ion Ratio Lower Upper

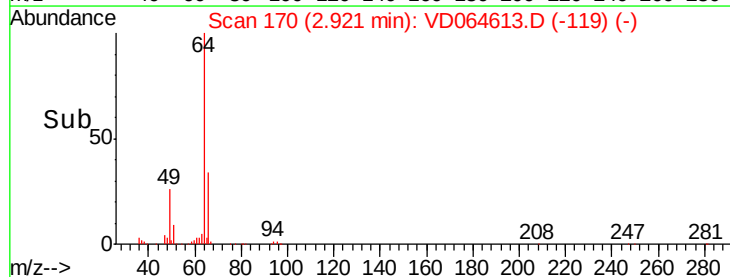
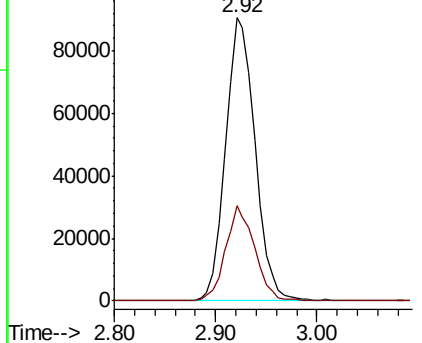
64 100

66 33.8 25.9 38.9

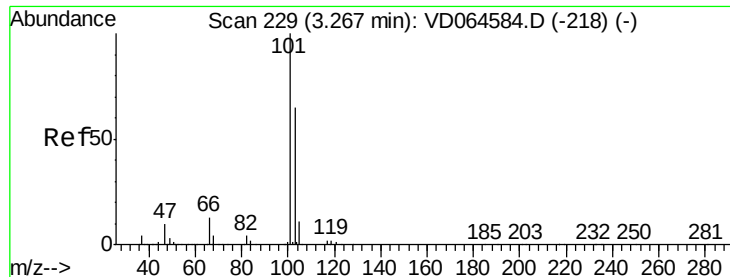


Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC







#7

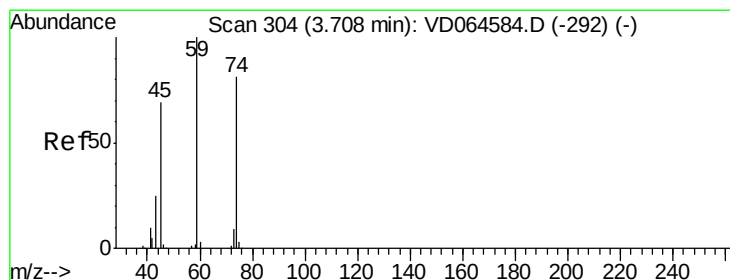
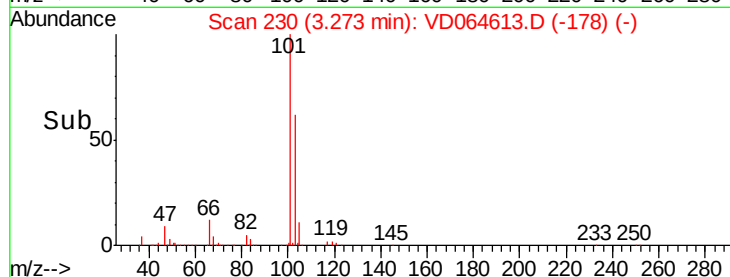
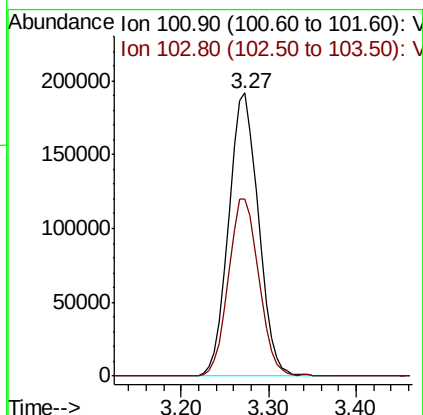
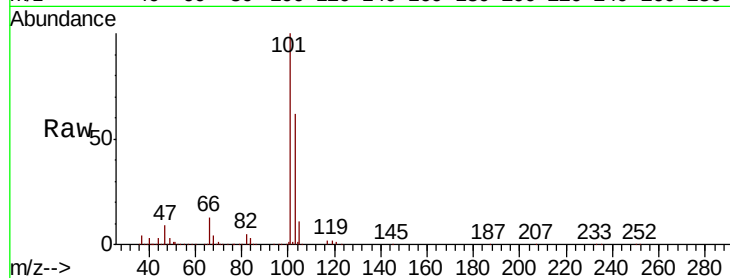
Trichlorofluoromethane  
Concen: 50.112 ug/l  
RT: 3.27 min Scan# 230  
Delta R.T. 0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.5  | 52.2  | 78.4  |

Manual Integrations  
APPROVED

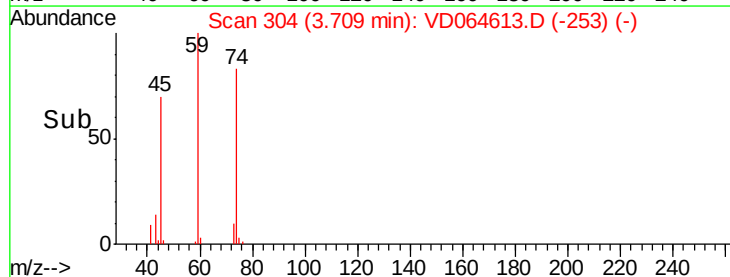
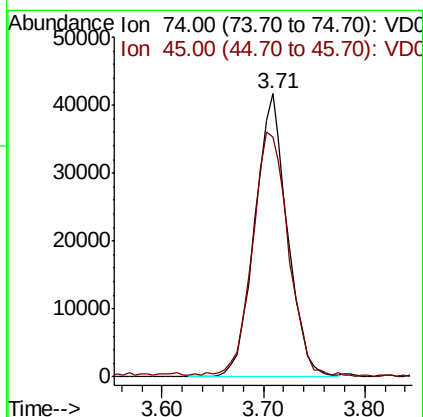
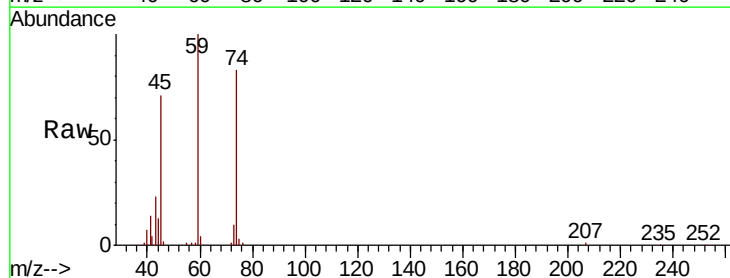
apatel  
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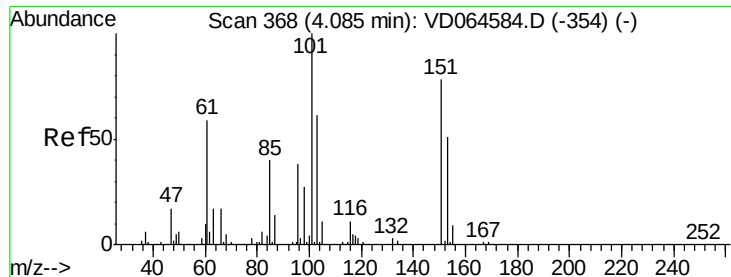
#8

Diethyl Ether  
Concen: 53.041 ug/l  
RT: 3.71 min Scan# 304  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 96.2  | 47.5  | 142.5 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.663 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

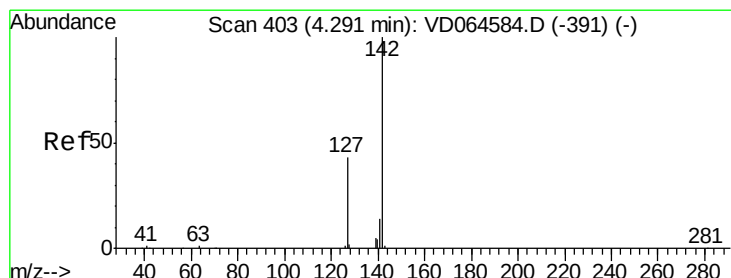
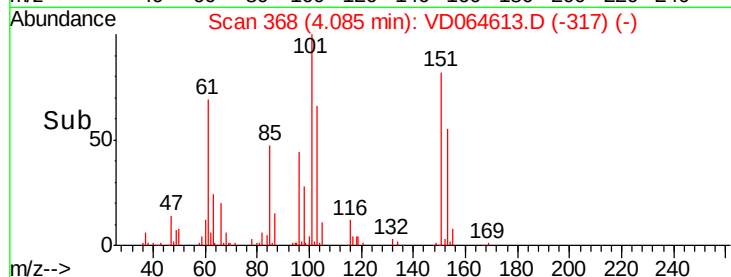
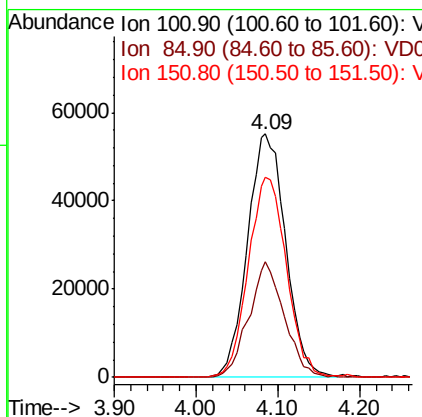
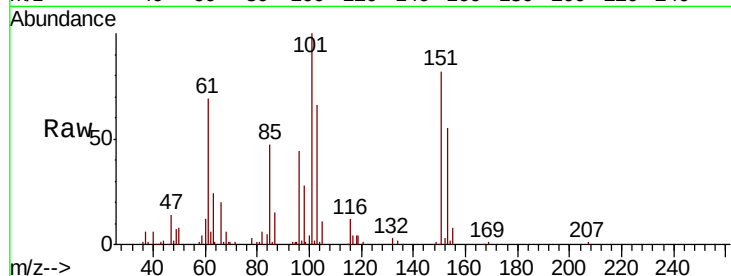
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 178968 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.1  | 35.2  | 52.8   |
| 151       | 82.1  | 66.2  | 99.4   |

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#10

Methyl Iodide

Concen: 55.343 ug/l

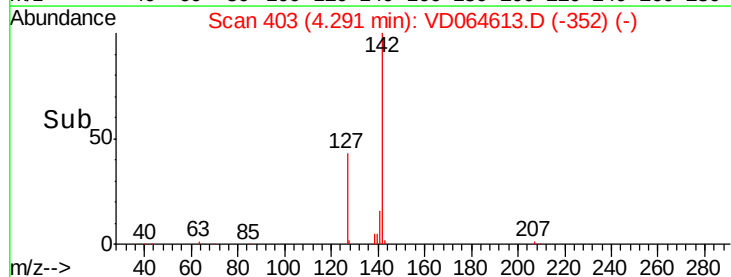
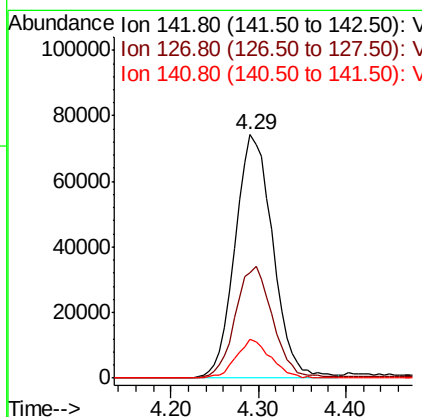
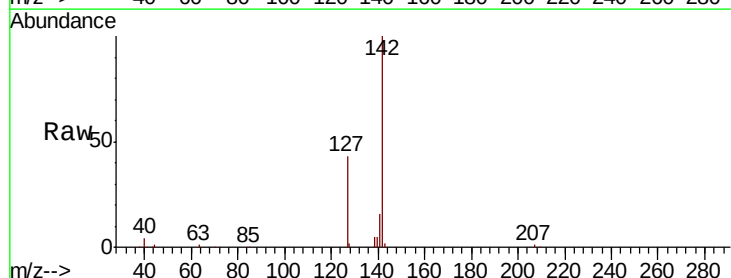
RT: 4.29 min Scan# 403

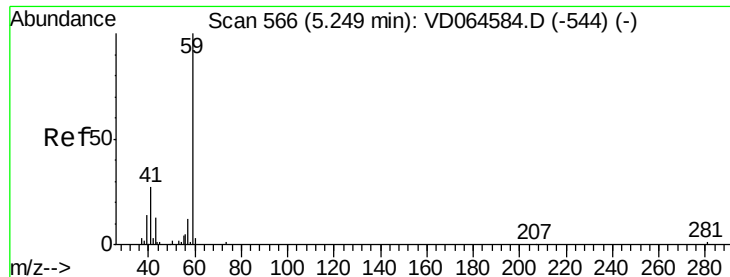
Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 218627 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 45.5  | 36.2  | 54.4   |
| 141       | 14.6  | 11.8  | 17.8   |





#11

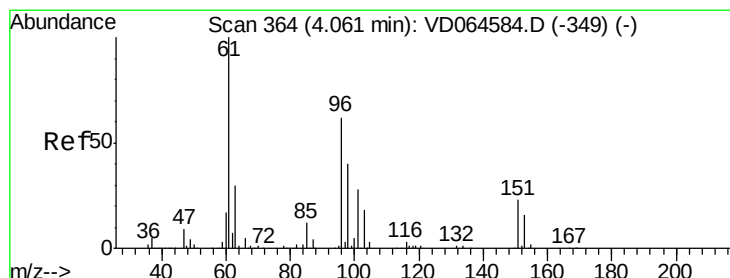
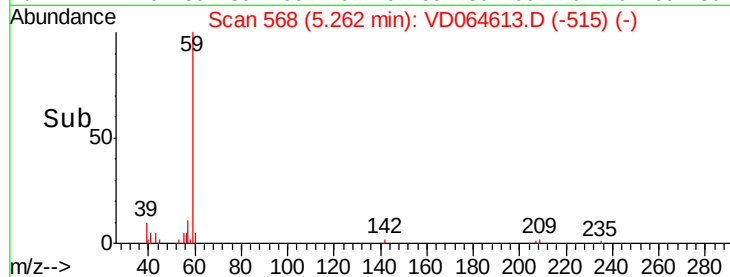
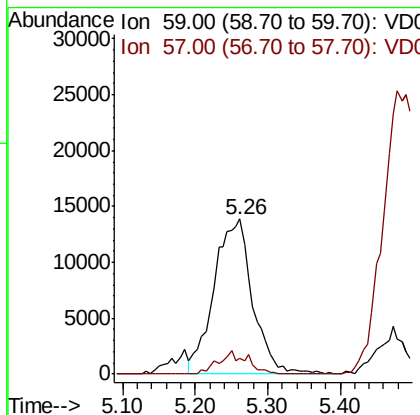
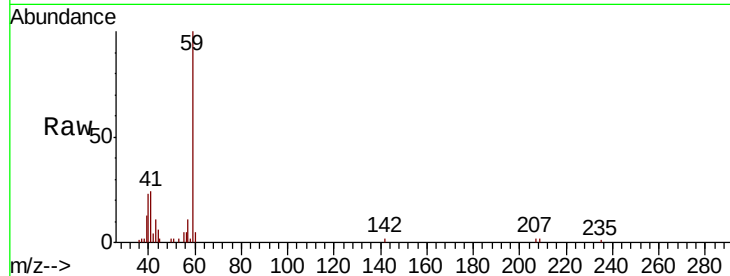
Tert butyl alcohol  
Concen: 255.042 ug/l  
RT: 5.26 min Scan# 568  
Delta R.T. 0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 11.2  | 9.3   | 13.9  |

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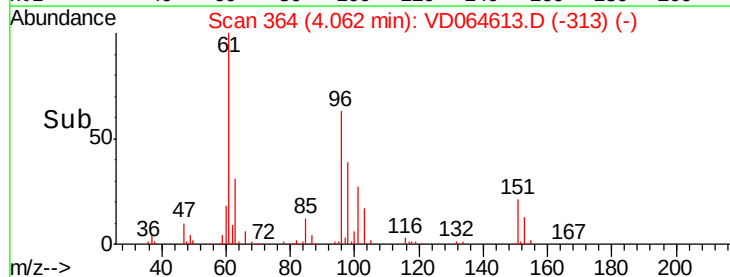
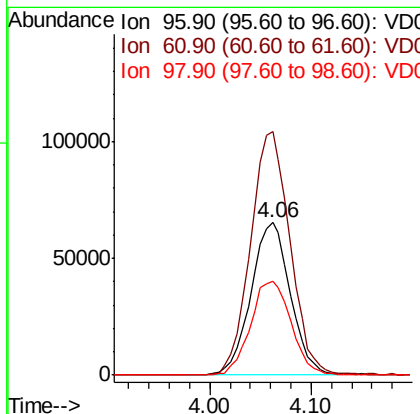
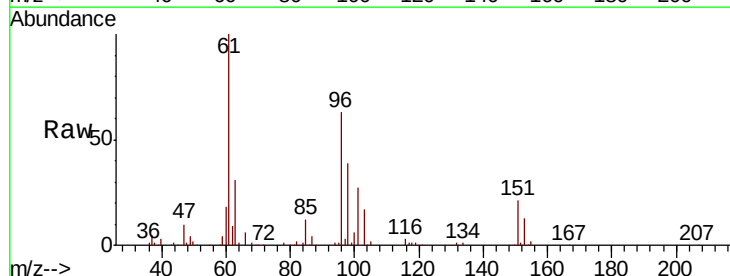
apatel  
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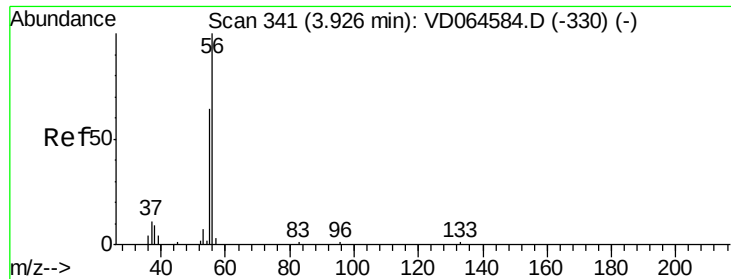


#12

1,1-Dichloroethene  
Concen: 50.182 ug/l  
RT: 4.06 min Scan# 364  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 159.6 | 129.4 | 194.0 |
| 98      | 61.9  | 51.4  | 77.0  |





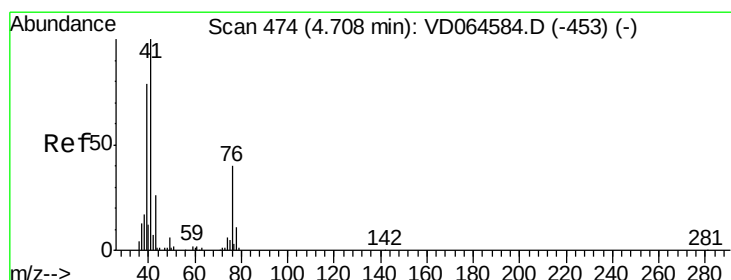
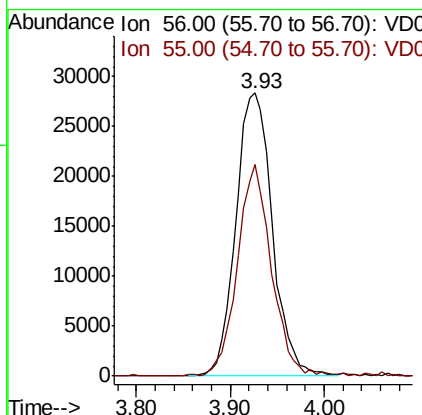
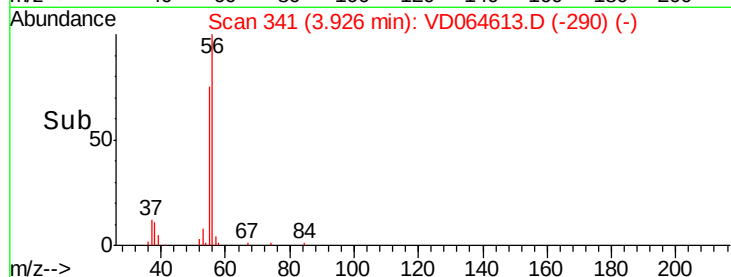
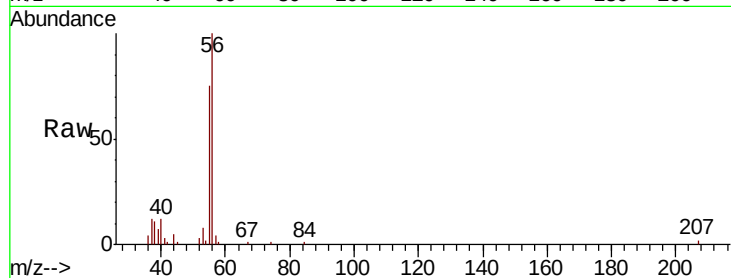
#13  
Acrolein  
Concen: 272.792 ug/l  
RT: 3.93 min Scan# 341  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 56   | Resp  | 76461 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 55        | 69.8 | 56.7  | 85.1  |

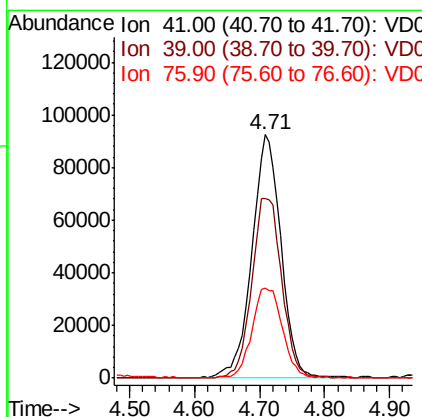
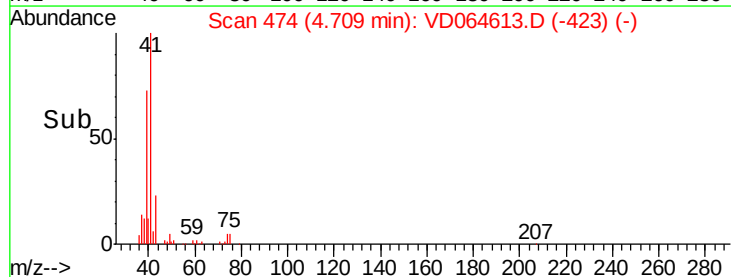
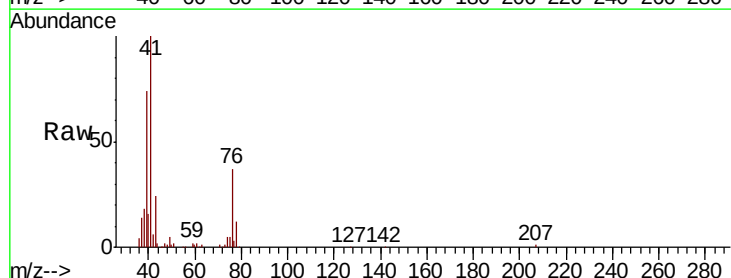
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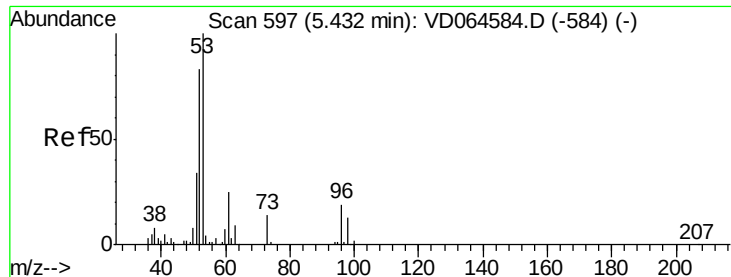
apatel  
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#14  
Allyl chloride  
Concen: 52.436 ug/l  
RT: 4.71 min Scan# 474  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

| Tgt Ion   | 41   | Resp  | 286248 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 39        | 76.0 | 62.3  | 93.5   |
| 76        | 38.9 | 29.7  | 44.5   |





#15

Acrylonitrile

Concen: 260.779 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

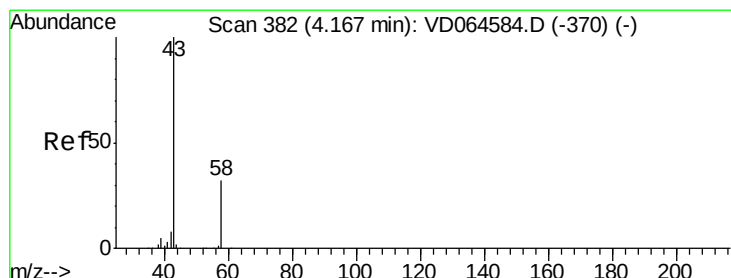
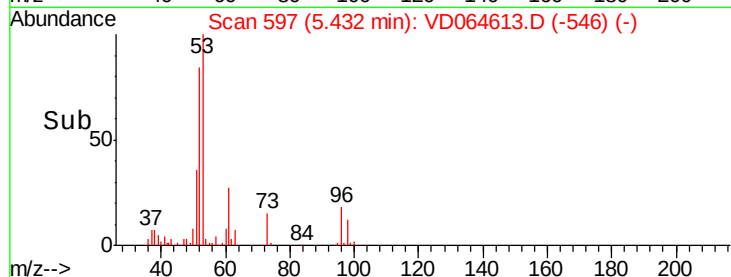
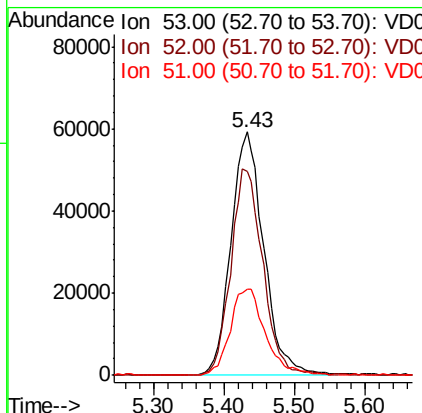
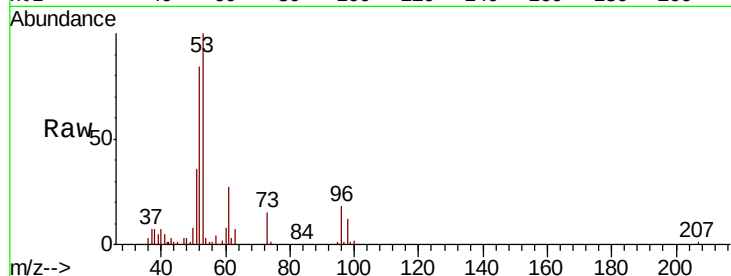
ClientSampleId :

VSTDCCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 191549 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.2 | 66.2  | 99.2   |
| 51        | 38.1 | 30.1  | 45.1   |

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#16

Acetone

Concen: 204.107 ug/l

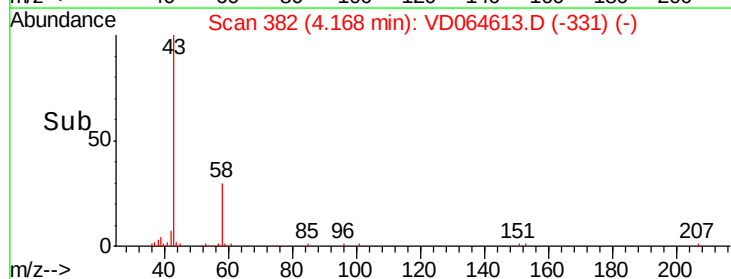
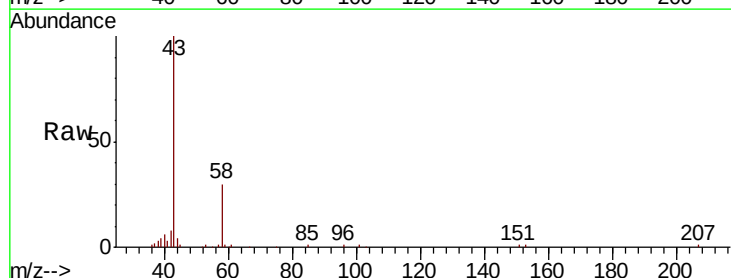
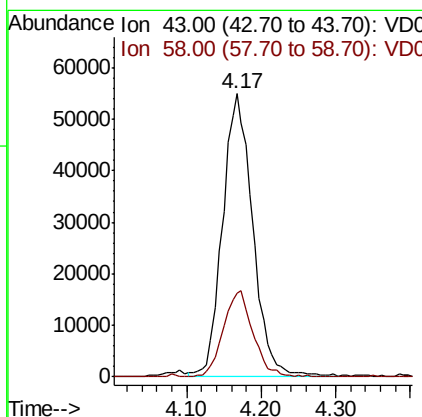
RT: 4.17 min Scan# 382

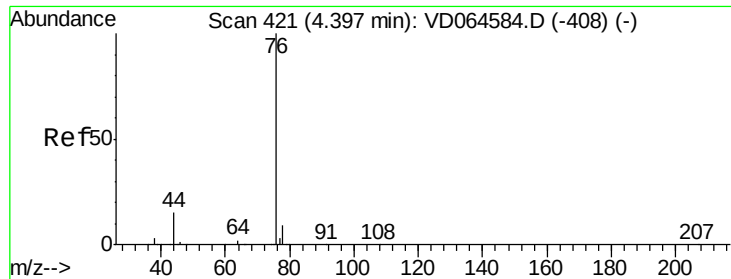
Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 153620 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 29.7 | 25.8  | 38.6   |





#17

Carbon Disulfide

Concen: 49.778 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 563562

Ion Ratio Lower Upper

76 100

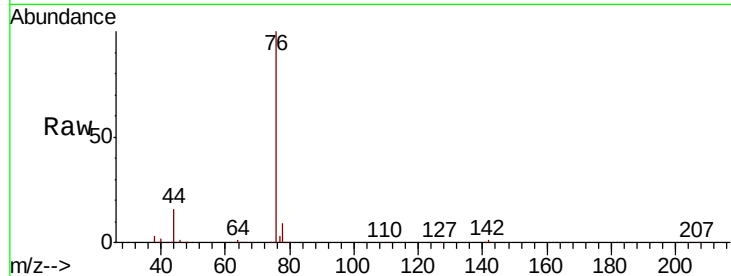
78 8.7 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

200000

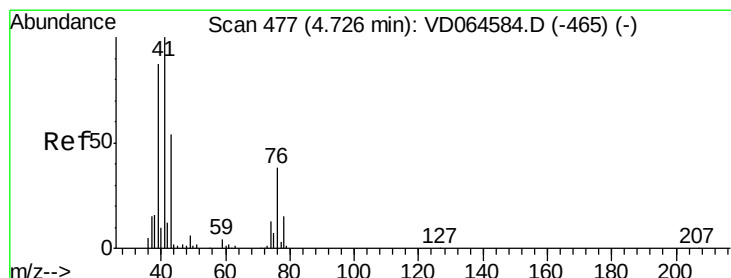
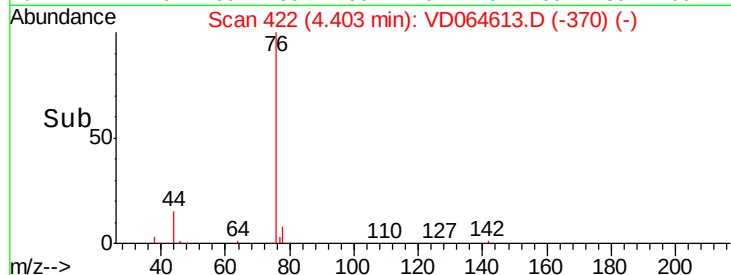
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.341 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD064613.D

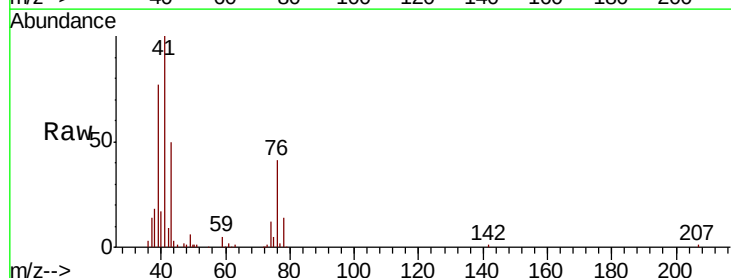
Acq: 26 Dec 2019 22:44

Tgt Ion: 43 Resp: 99459

Ion Ratio Lower Upper

43 100

74 24.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.73

40000

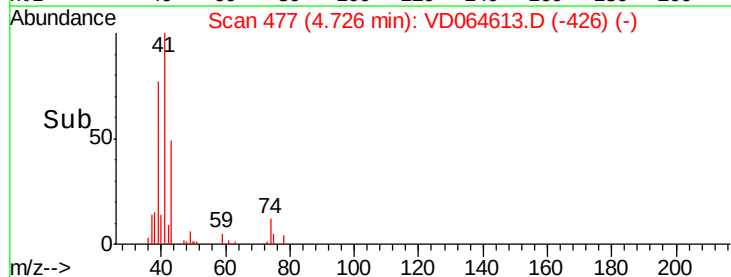
30000

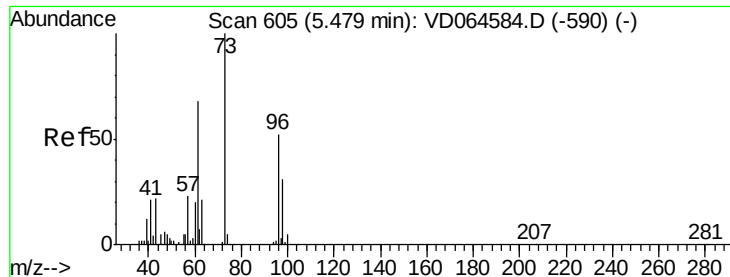
20000

10000

0

Time-->





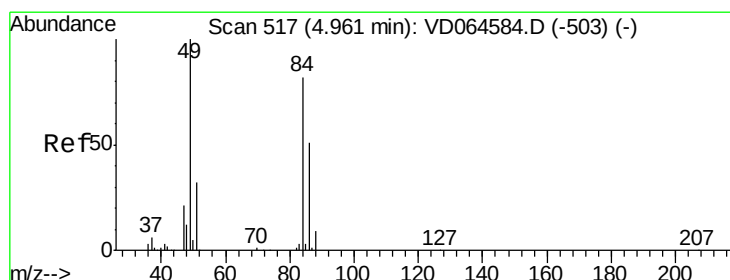
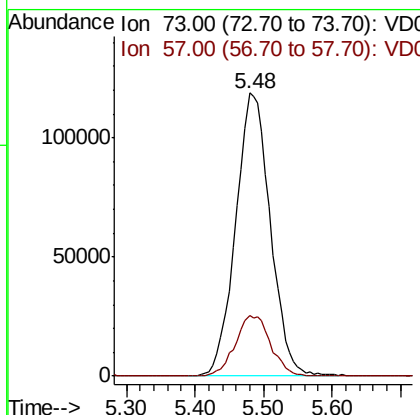
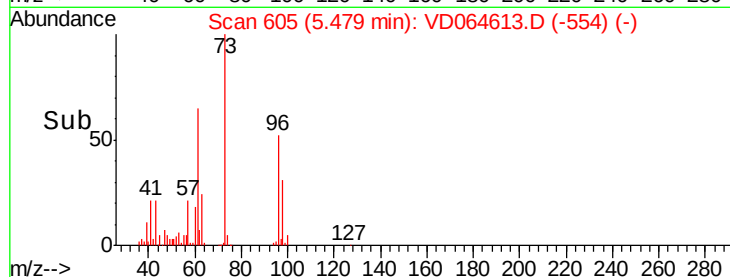
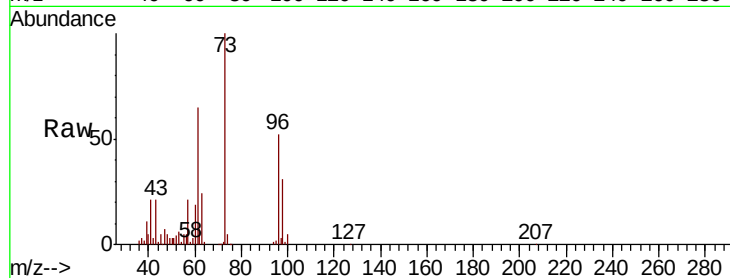
#19  
Methyl tert-butyl Ether  
Concen: 53.561 ug/l  
RT: 5.48 min Scan# 605  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 416545  
Ion Ratio Lower Upper  
73 100  
57 21.3 18.6 27.8

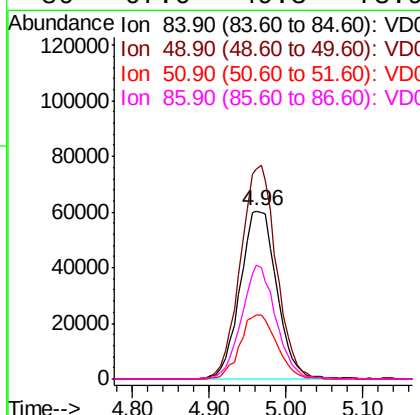
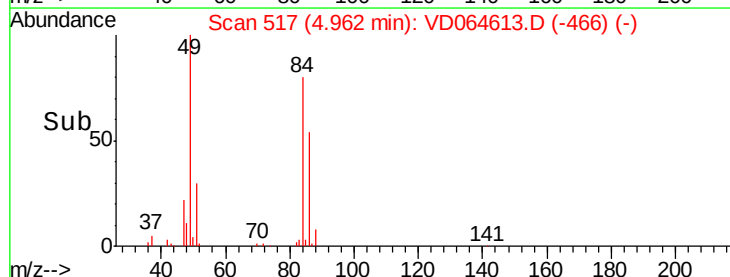
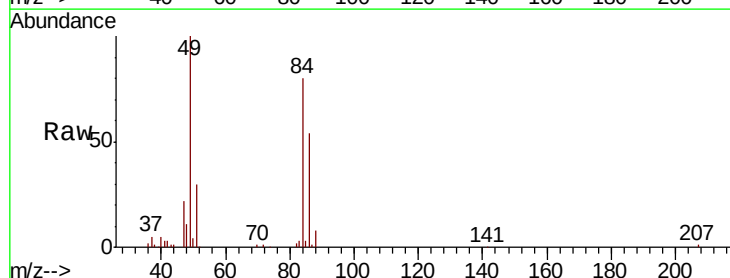
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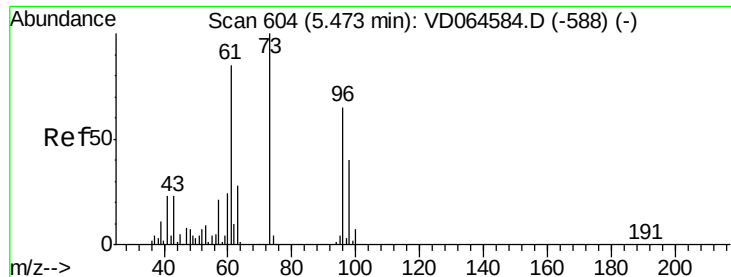
apatel  
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#20  
Methylene Chloride  
Concen: 56.804 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion: 84 Resp: 201486  
Ion Ratio Lower Upper  
84 100  
49 125.2 97.2 145.8  
51 38.0 31.4 47.0  
86 67.6 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 51.665 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

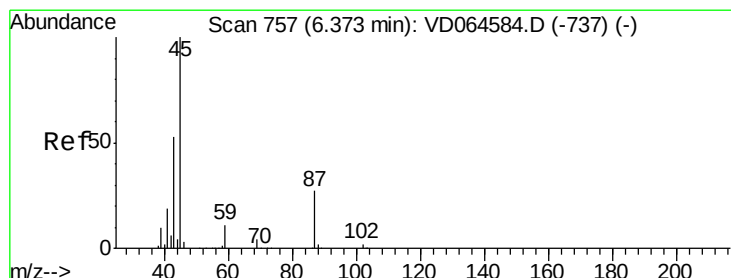
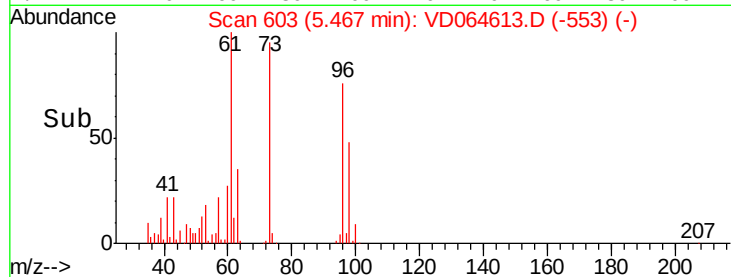
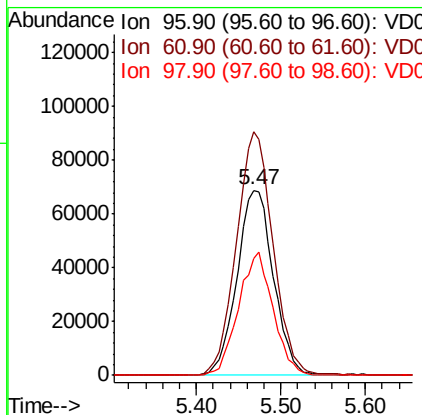
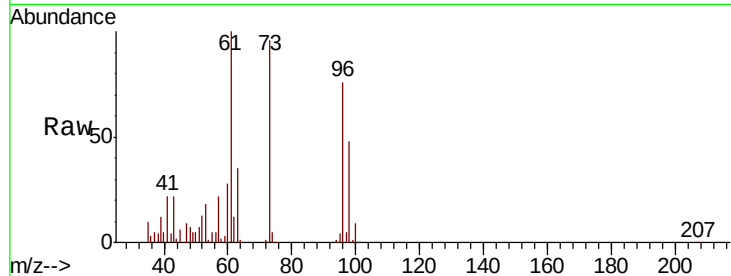
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 206015 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 131.8 | 104.7 | 157.1  |
| 98       | 63.1  | 49.4  | 74.2   |

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#22

Diisopropyl ether

Concen: 53.414 ug/l

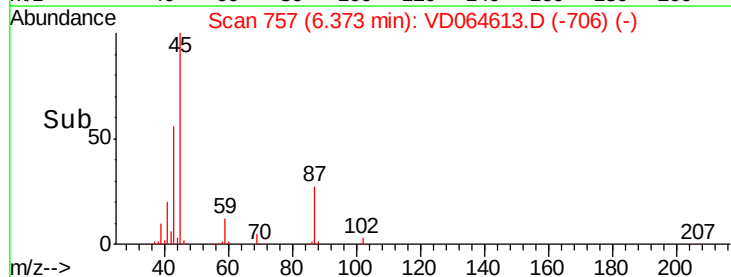
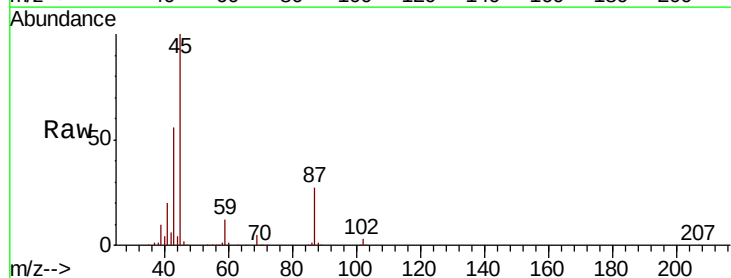
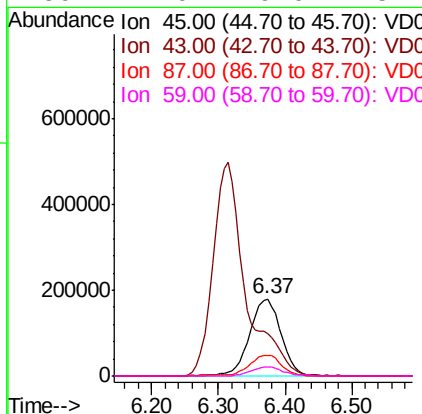
RT: 6.37 min Scan# 757

Delta R.T. 0.00 min

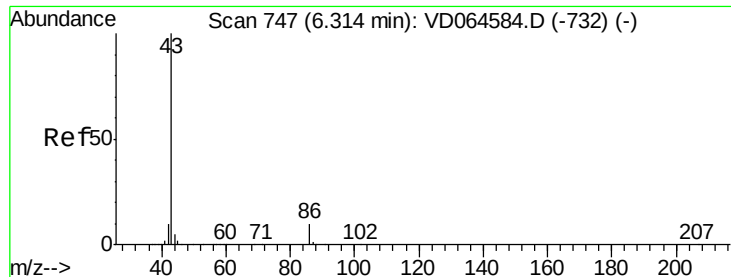
Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 581596 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 54.6  | 43.2  | 64.8   |
| 87       | 27.3  | 21.9  | 32.9   |
| 59       | 12.0  | 9.0   | 13.4   |







#23

Vinyl Acetate

Concen: 274.756 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleID :

VSTDCCC050

Tot Ion: 43 Resp: 1697060

Ion Ratio Lower Upper

43 100

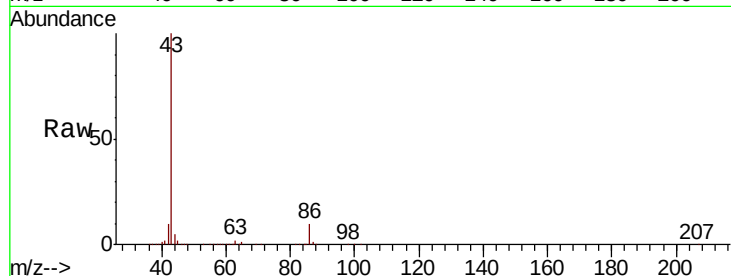
86 9.9 8.3 12.5

Manual Integrations

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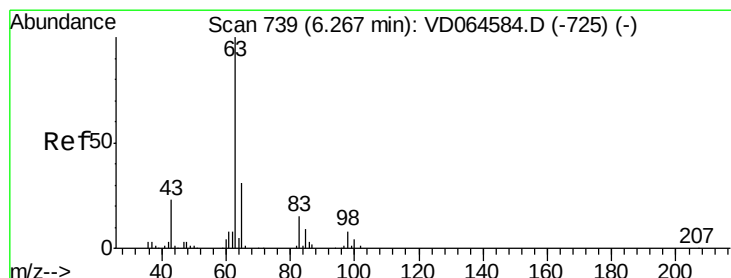
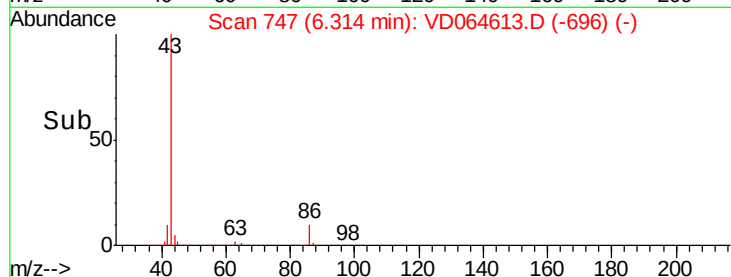
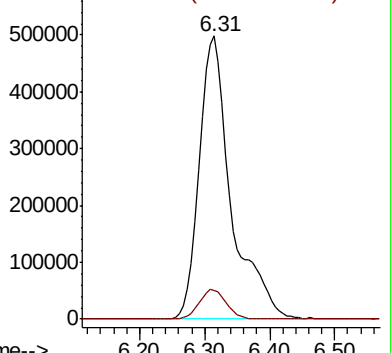
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.186 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

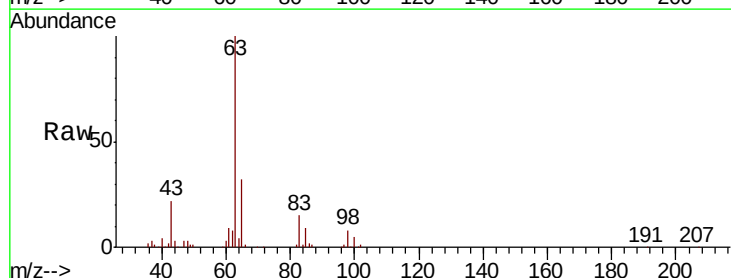
Tgt Ion: 63 Resp: 347663

Ion Ratio Lower Upper

63 100

98 8.5 4.1 12.3

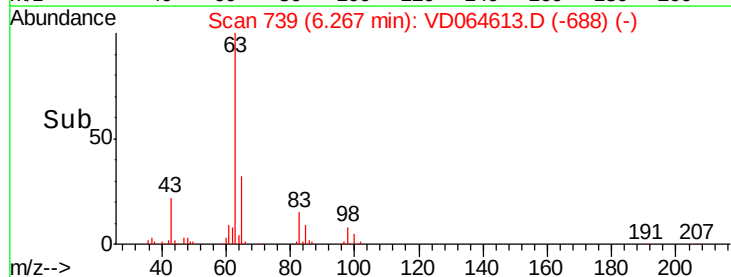
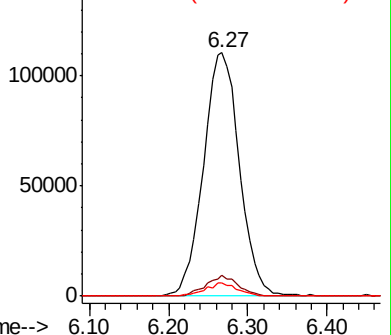
100 5.3 2.2 6.6

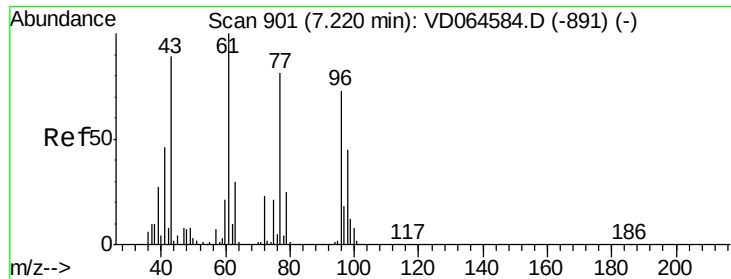


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 247.483 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 238728

Ion Ratio Lower Upper

43 100

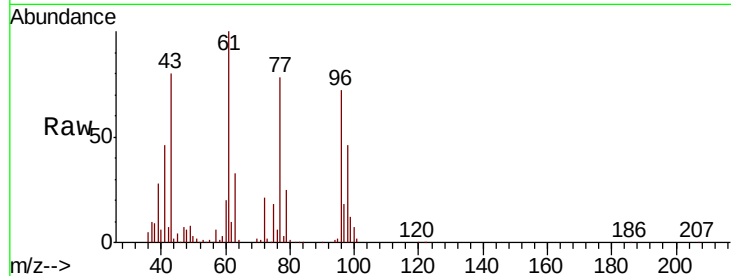
72 26.5 20.7 31.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.22

100000

80000

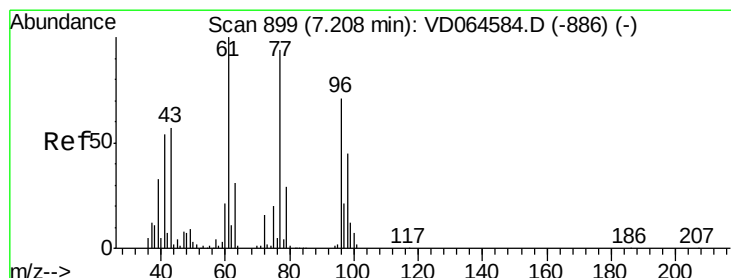
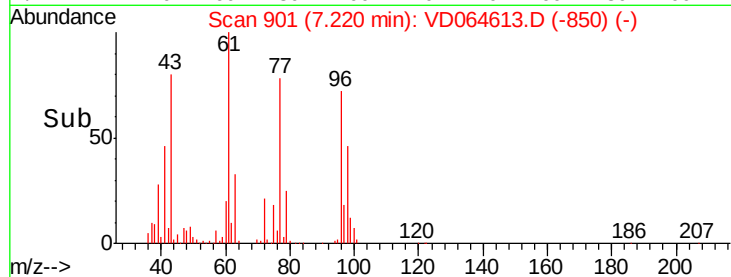
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.848 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD064613.D

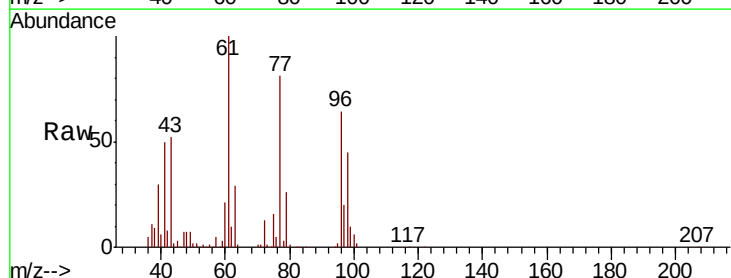
Acq: 26 Dec 2019 22:44

Tgt Ion: 77 Resp: 290799

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.21

100000

80000

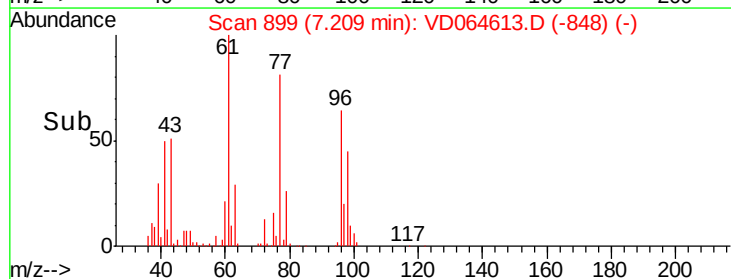
60000

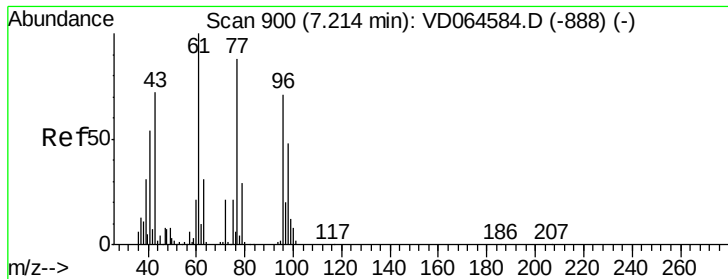
40000

20000

0

Time-->





#27

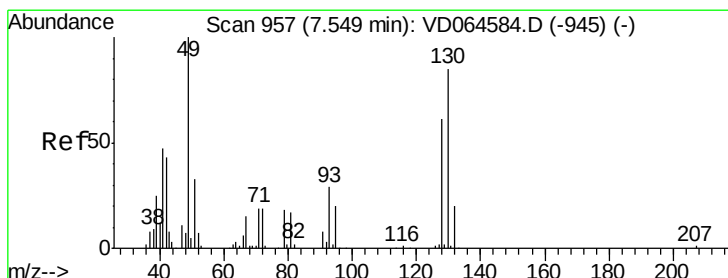
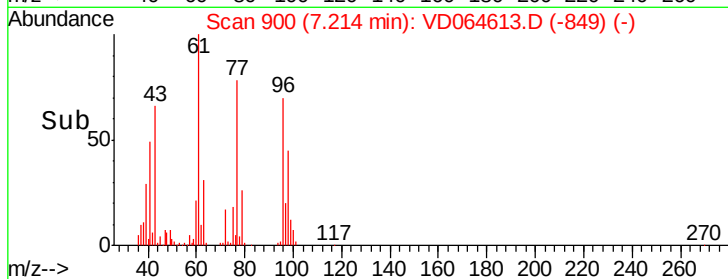
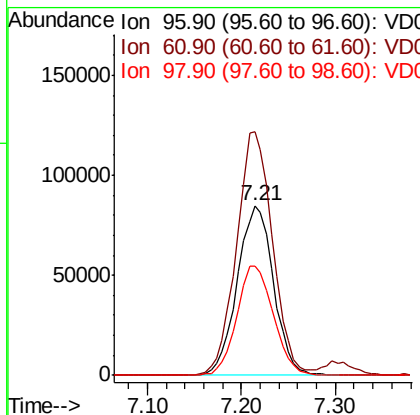
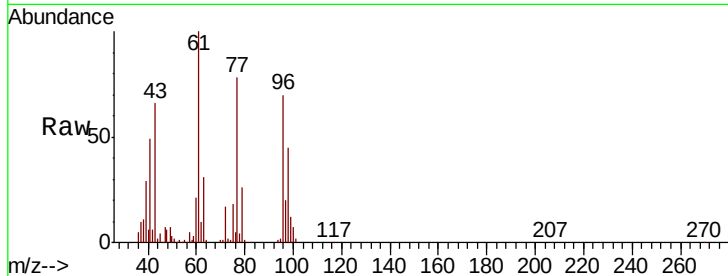
cis-1,2-Dichloroethene  
 Concen: 52.691 ug/l  
 RT: 7.21 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 142.5 | 0.0   | 282.6 |
| 98      | 65.1  | 0.0   | 130.8 |

Manual Integrations  
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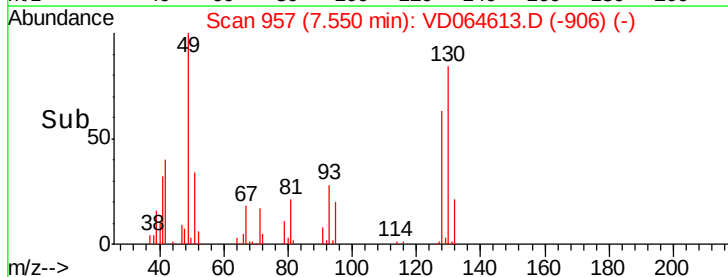
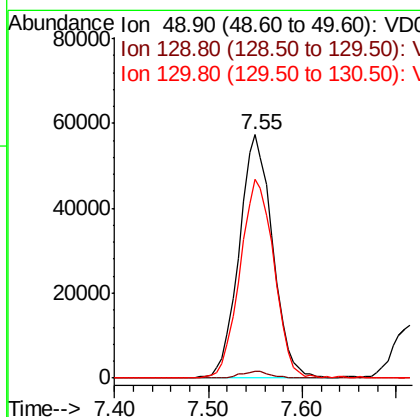
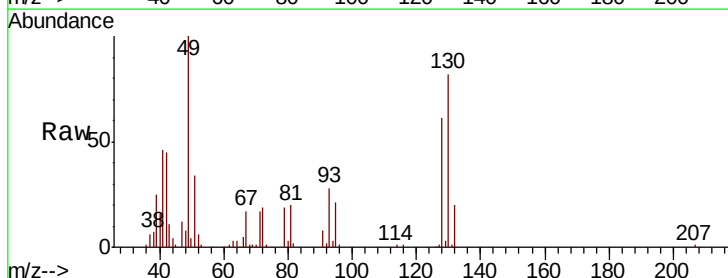
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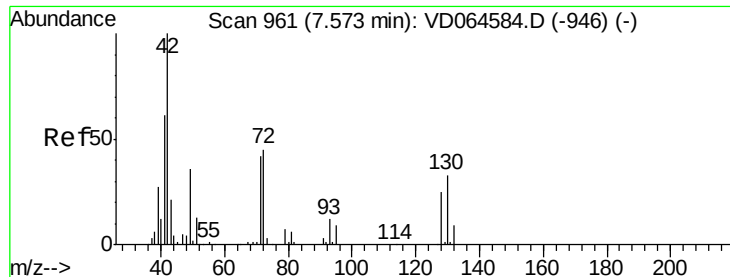


#28

Bromochloromethane  
 Concen: 55.681 ug/l  
 RT: 7.55 min Scan# 957  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 4.8   |
| 130     | 83.1  | 65.0  | 97.6  |





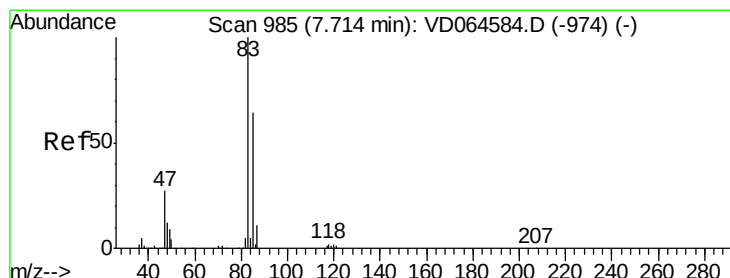
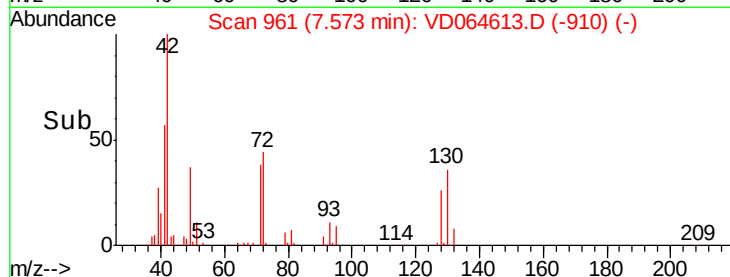
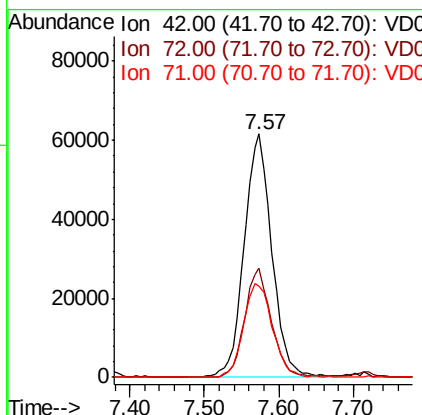
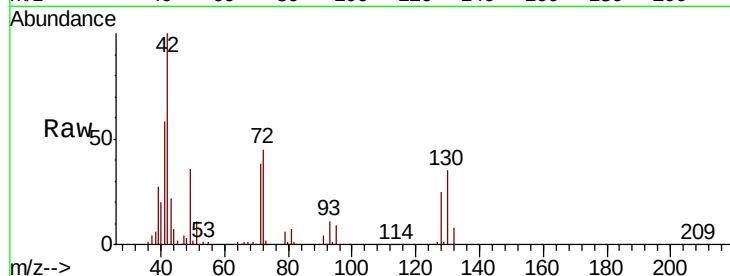
#29  
Tetrahydrofuran  
Concen: 265.236 ug/l  
RT: 7.57 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.6  | 35.0  | 52.4  |
| 71      | 39.9  | 32.9  | 49.3  |

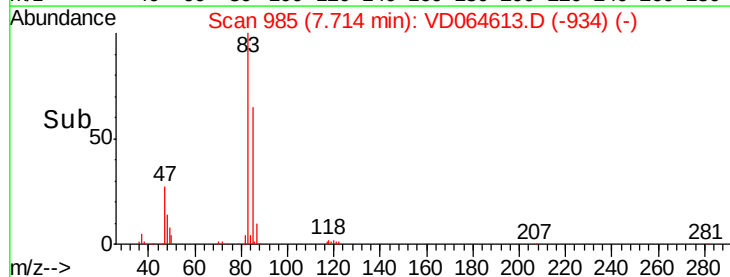
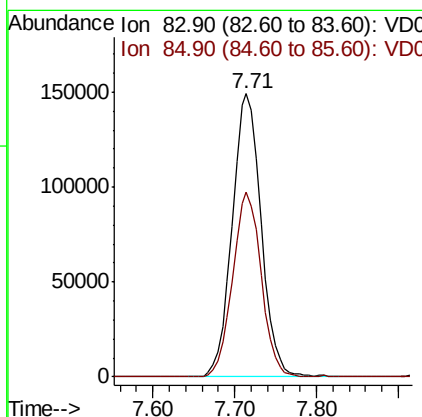
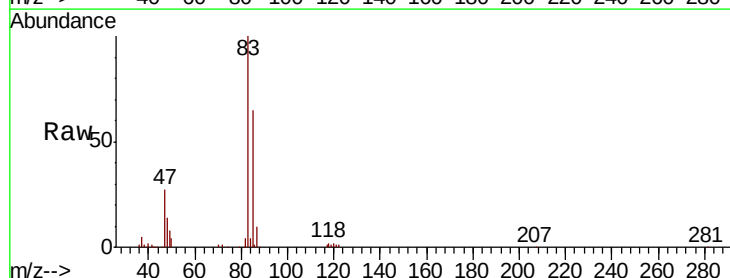
Manual Integrations  
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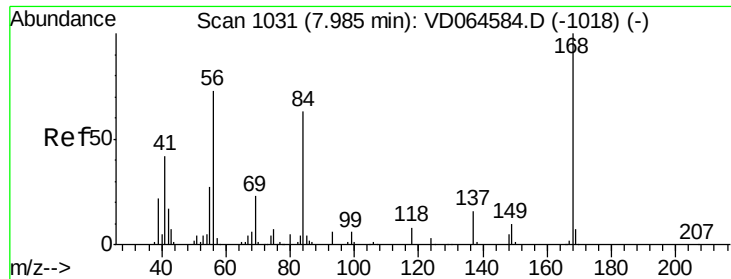
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#30  
Chloroform  
Concen: 53.544 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.2  | 51.1  | 76.7  |





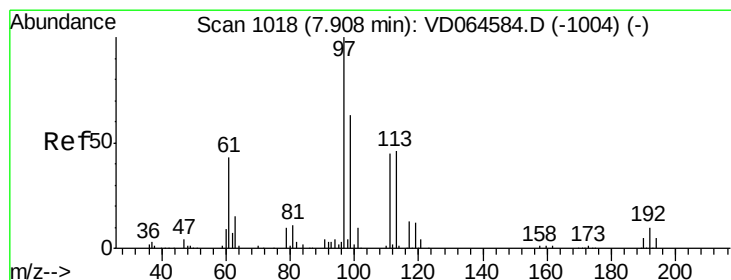
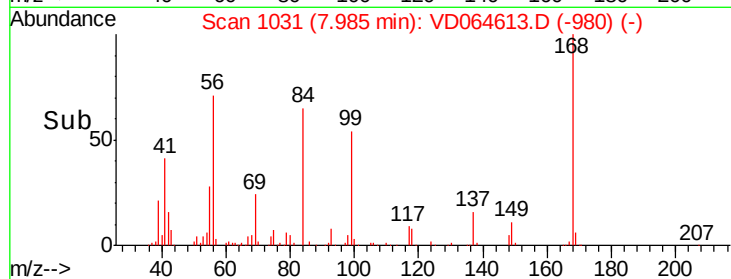
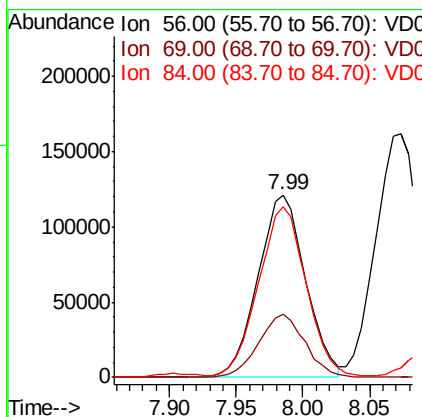
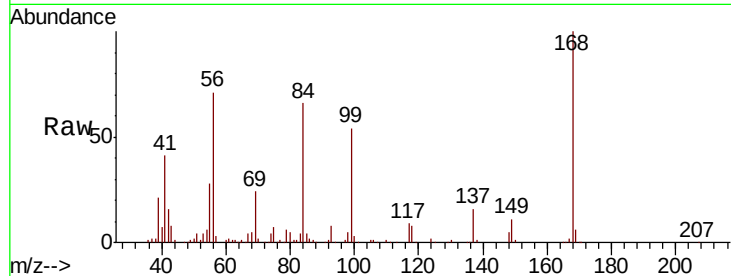
#31  
Cyclohexane  
Concen: 45.715 ug/l  
RT: 7.99 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 34.5  | 24.7  | 37.1  |
| 84      | 92.0  | 69.4  | 104.2 |

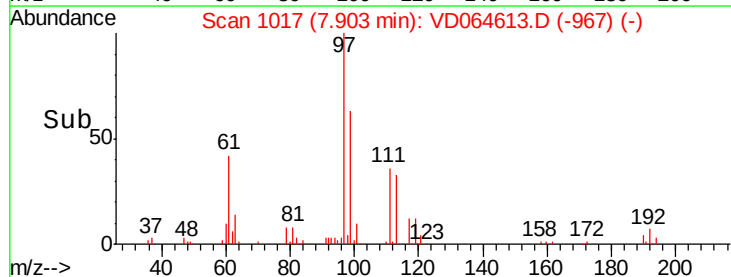
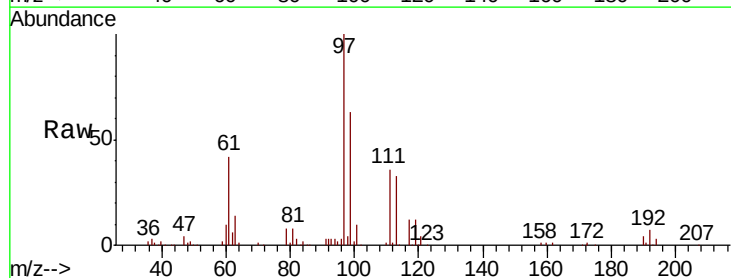
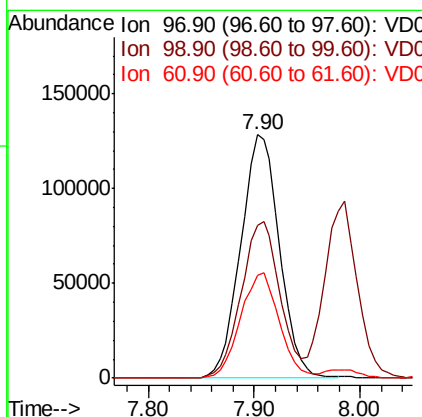
Manual Integrations  
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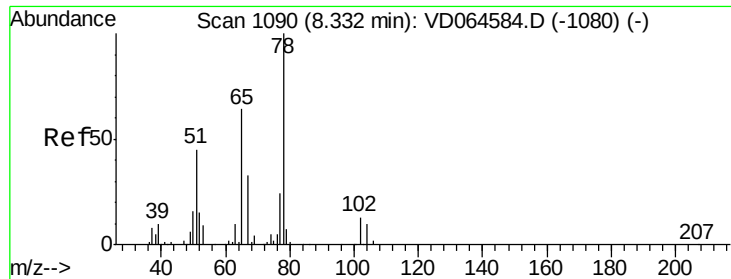
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#32  
1,1,1-Trichloroethane  
Concen: 50.775 ug/l  
RT: 7.90 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.2  | 51.0  | 76.6  |
| 61      | 43.3  | 35.4  | 53.0  |





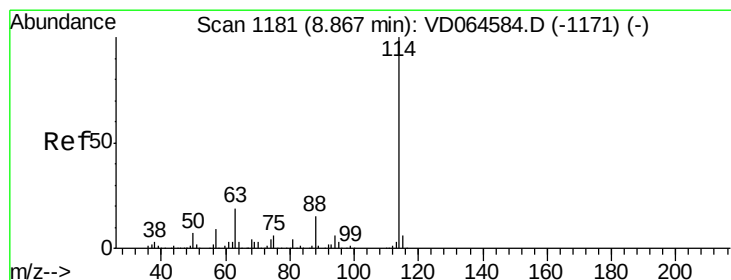
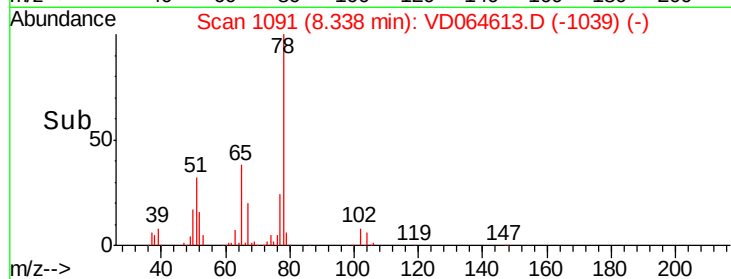
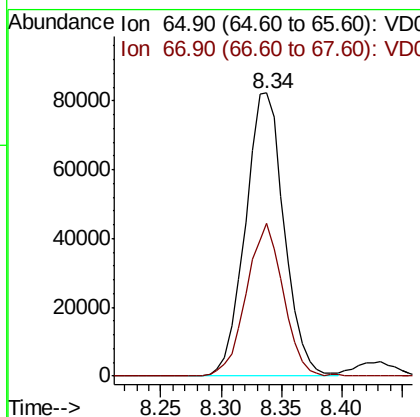
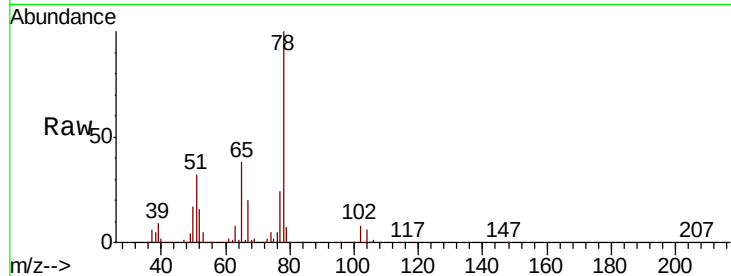
#33  
 1,2-Dichloroethane-d4  
 Concen: 52.634 ug/l  
 RT: 8.34 min Scan# 1091  
 Delta R.T. 0.01 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 184707 |       |       |
| 67      | 51.3  | 0.0    | 106.2 |       |

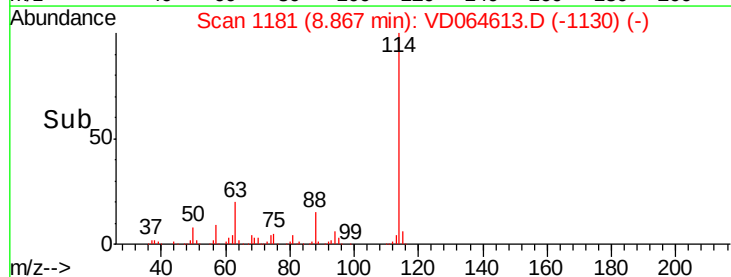
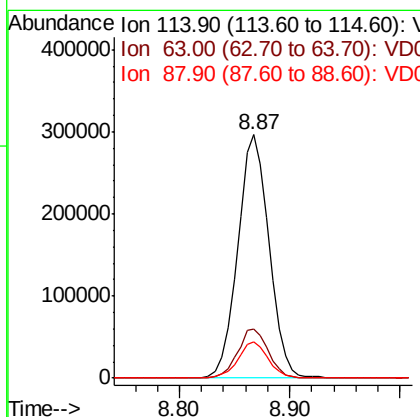
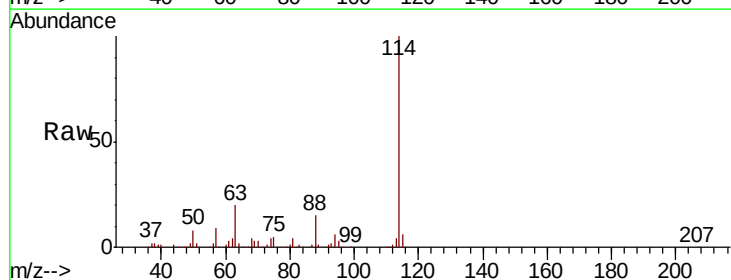
Manual Integrations  
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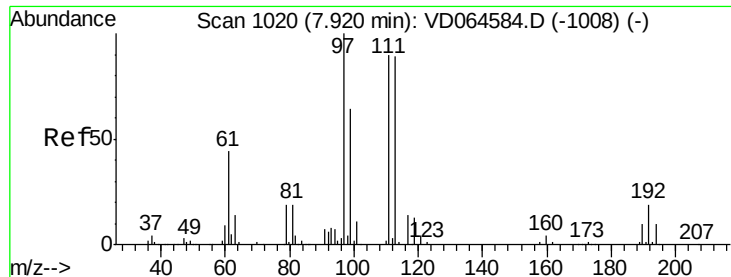
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 589677 |       |       |
| 63      | 20.1  | 0.0    | 38.0  |       |
| 88      | 15.1  | 0.0    | 29.2  |       |





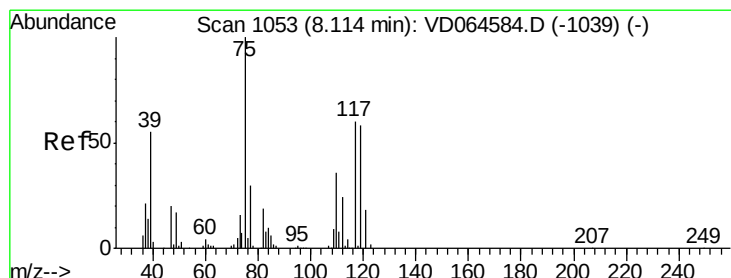
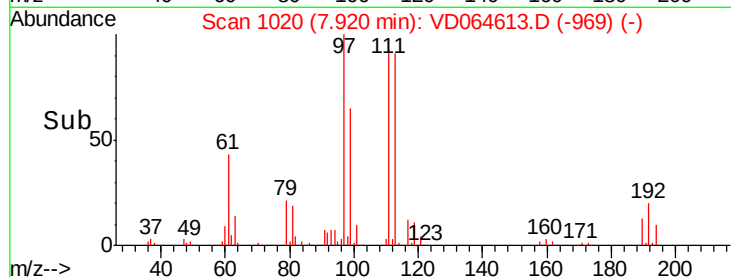
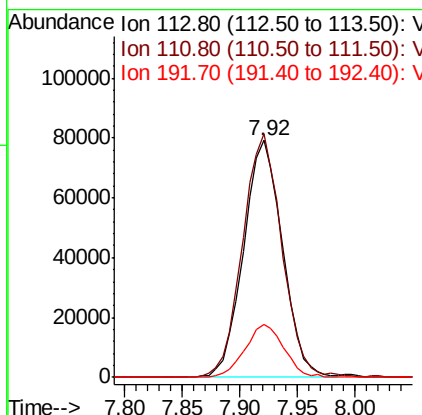
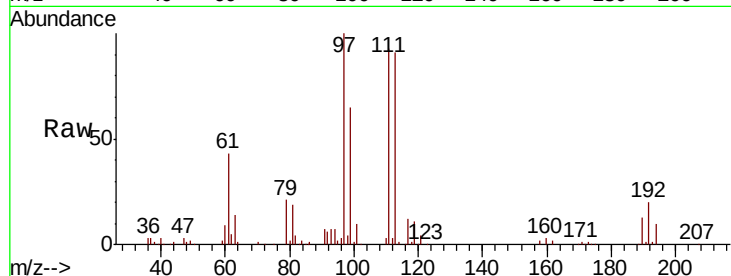
#35  
 Dibromofluoromethane  
 Concen: 51.536 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 186446 |       |       |
| 111     | 103.8 | 80.6   | 121.0 |       |
| 192     | 22.2  | 17.9   | 26.9  |       |

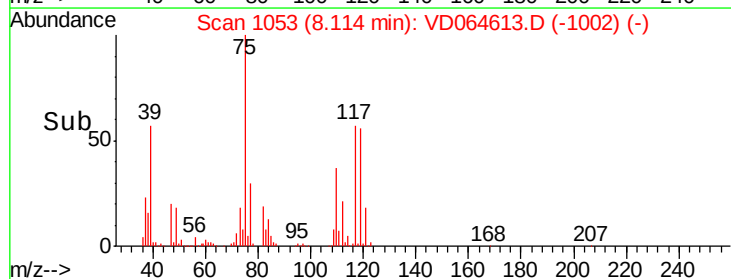
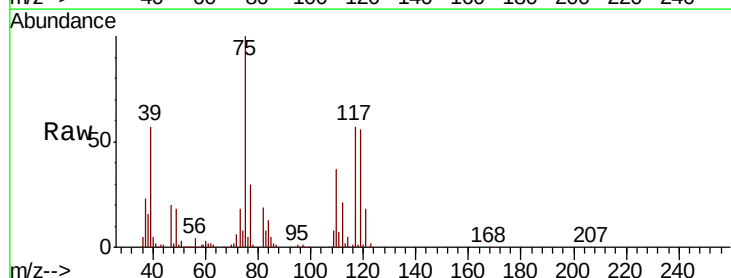
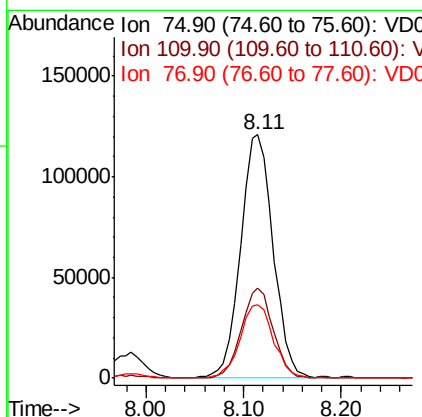
Manual Integrations  
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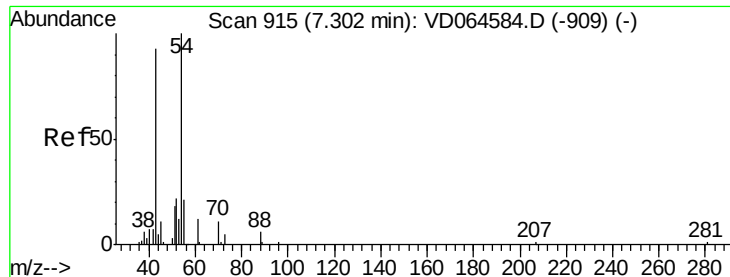
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#36  
 1,1-Dichloropropene  
 Concen: 49.498 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 280933 |       |       |
| 110     | 36.0  | 18.1   | 54.1  |       |
| 77      | 31.3  | 24.2   | 36.4  |       |





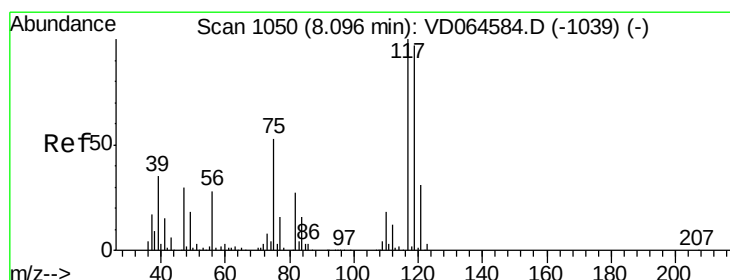
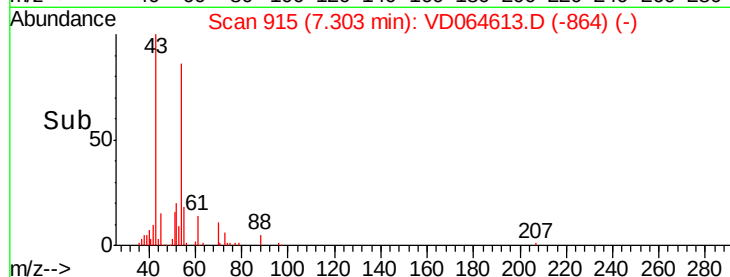
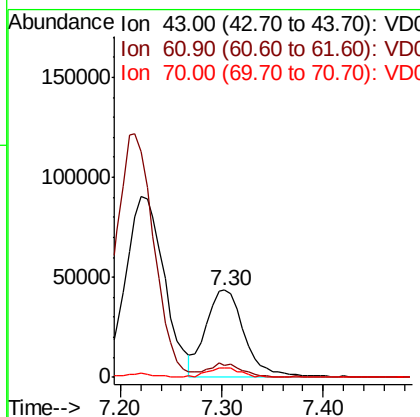
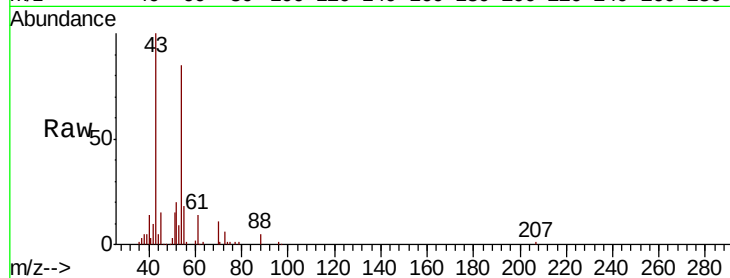
#37  
Ethyl Acetate  
Concen: 50.780 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.7  | 10.3  | 15.5  |
| 70      | 9.8   | 7.6   | 11.4  |

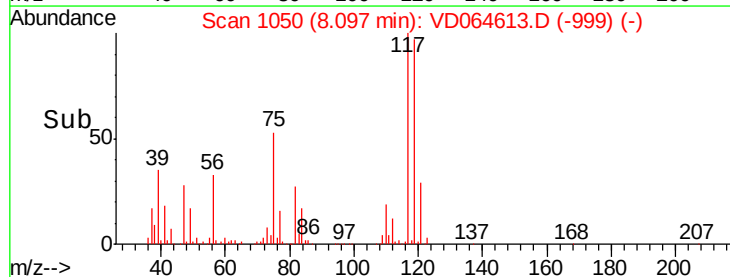
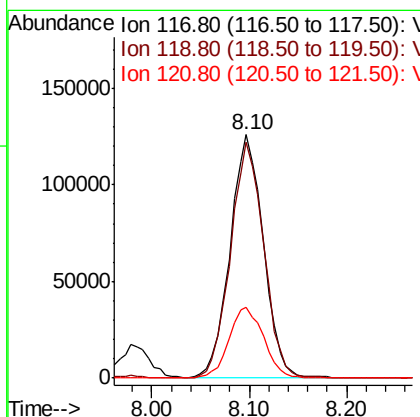
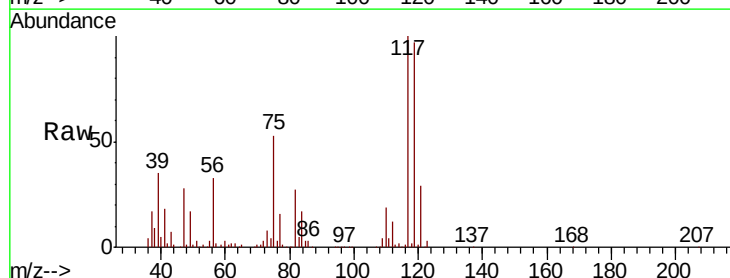
Manual Integrations  
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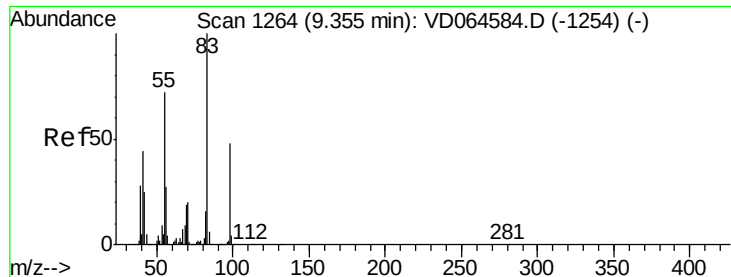


#38  
Carbon Tetrachloride  
Concen: 49.187 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.0  | 77.3  | 115.9 |
| 121     | 29.4  | 25.0  | 37.6  |







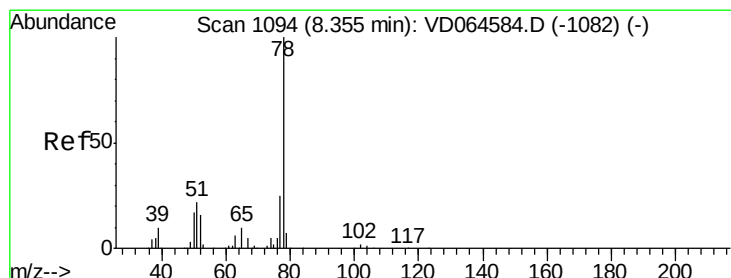
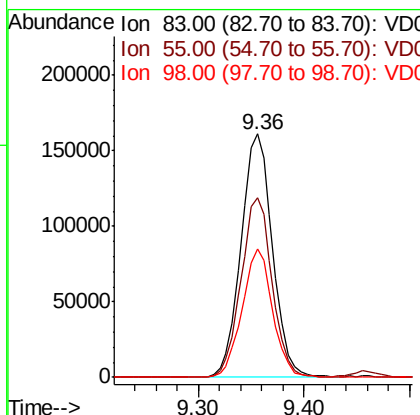
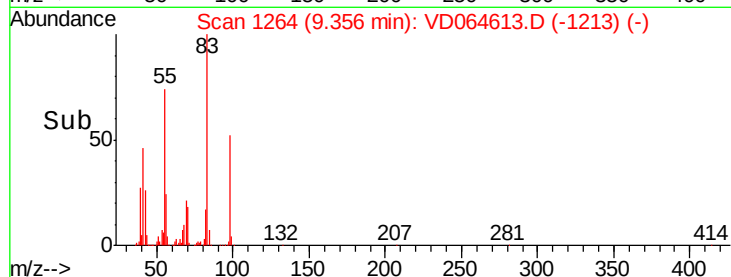
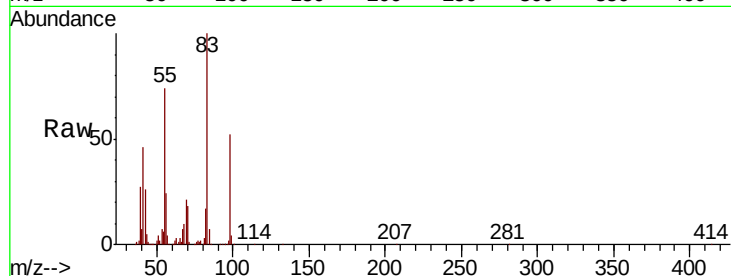
#39  
Methylvlcyclohexane  
Concen: 48.383 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 332594 |       |       |
| 55      | 73.9  |        | 57.8  | 86.6  |
| 98      | 52.5  |        | 38.7  | 58.1  |

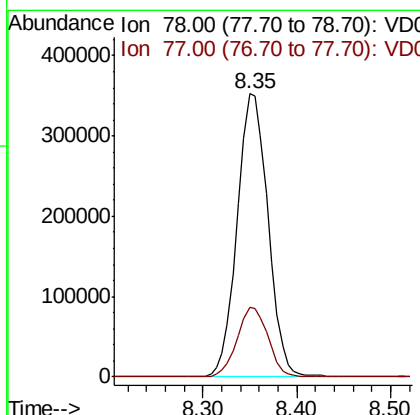
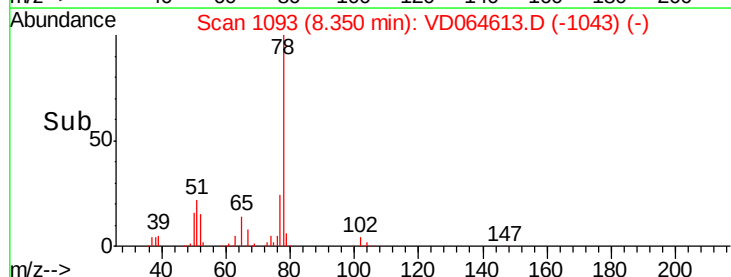
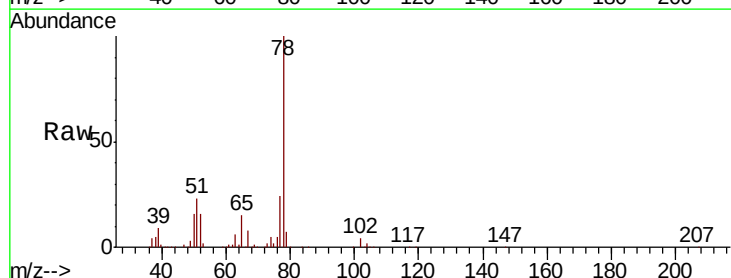
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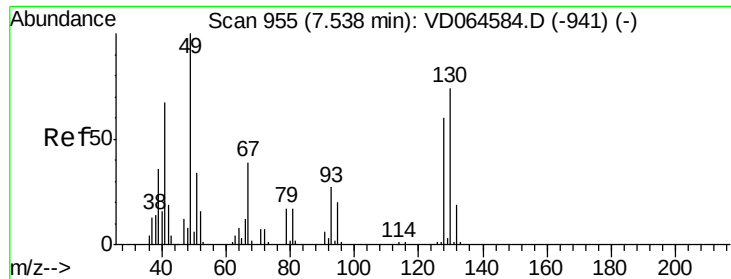
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#40  
Benzene  
Concen: 51.917 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 804385 |       |       |
| 77      | 24.4  |        | 19.9  | 29.9  |





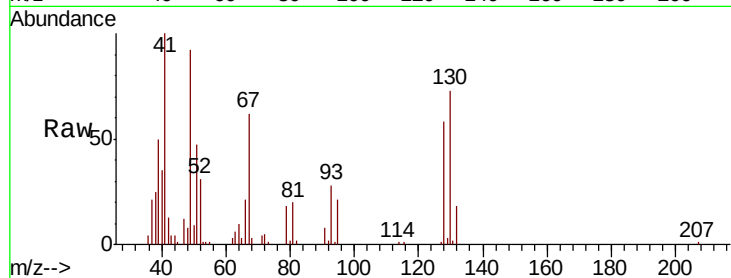
#41  
Methacrylonitrile  
Concen: 50.399 ug/l  
RT: 7.53 min Scan# 954  
Delta R.T. -0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 53.6  | 46.7  | 70.1  |
| 67      | 75.3  | 52.5  | 78.7  |
| 52      | 33.2  | 24.1  | 36.1  |

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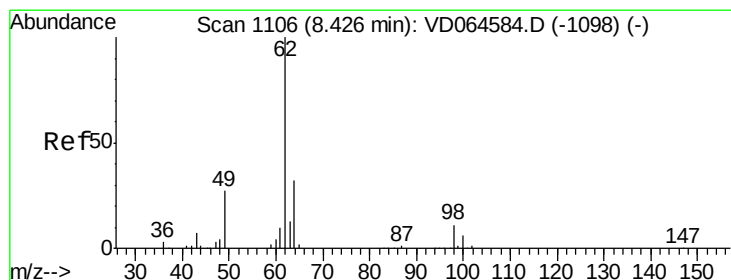
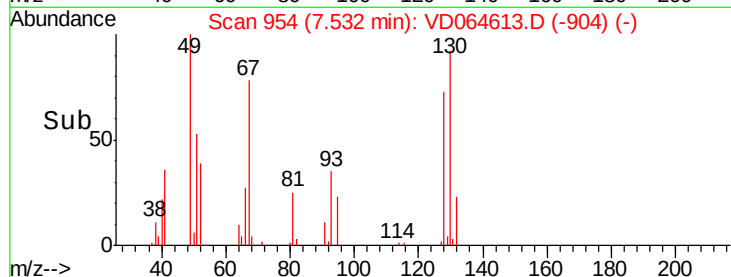
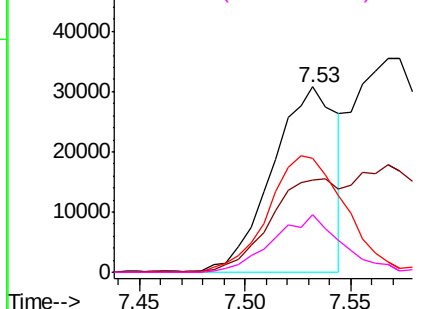
Abundance

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

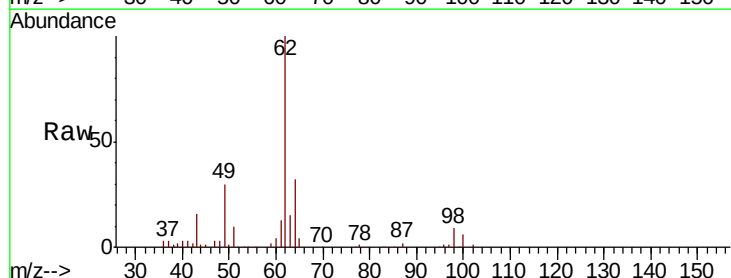
Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42  
1,2-Dichloroethane  
Concen: 52.013 ug/l  
RT: 8.43 min Scan# 1107  
Delta R.T. 0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

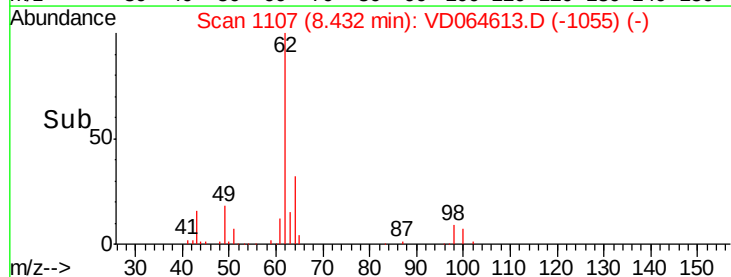
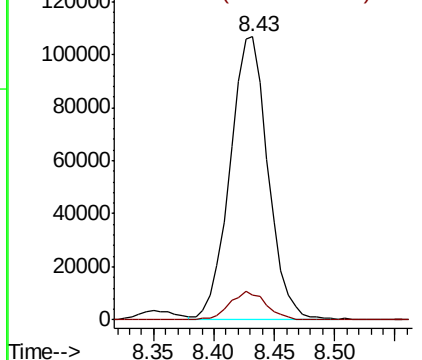
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.6   | 0.0   | 20.0  |

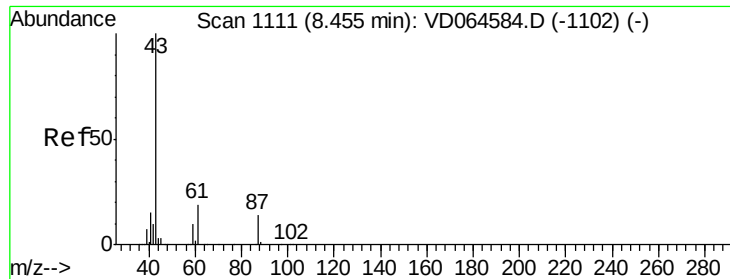


Abundance

Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 51.442 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

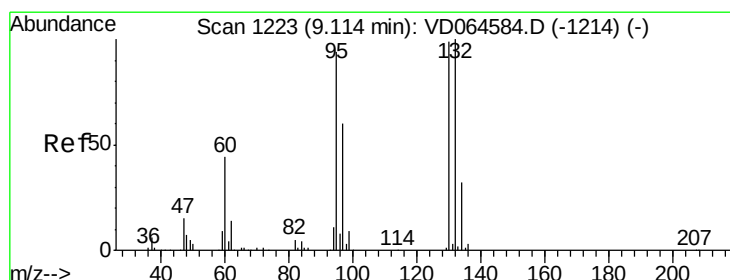
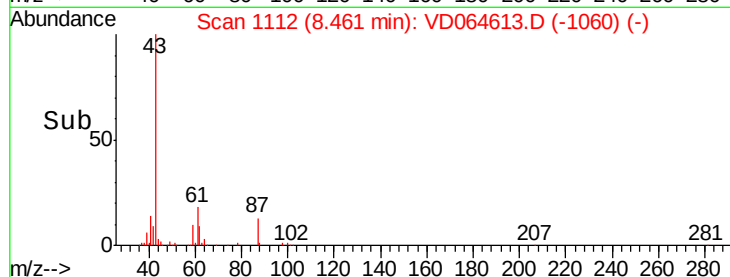
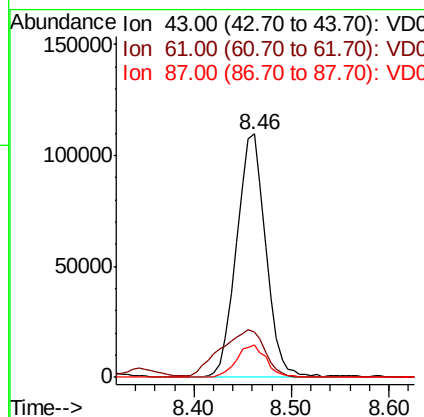
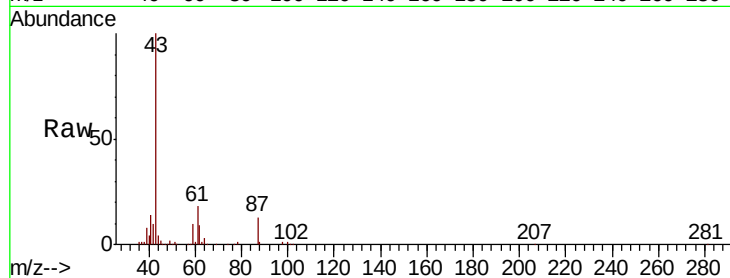
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 228301 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 29.1  | 23.7  | 35.5   |
| 87       | 13.6  | 10.5  | 15.7   |

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#44

Trichloroethene

Concen: 51.067 ug/l

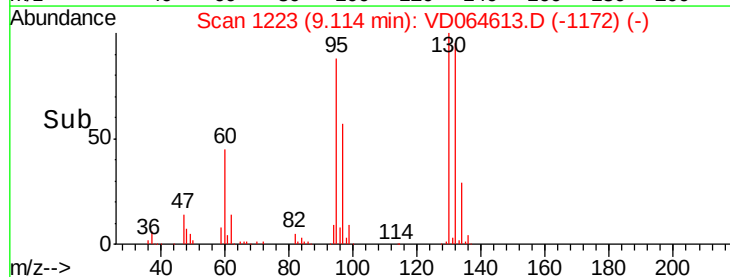
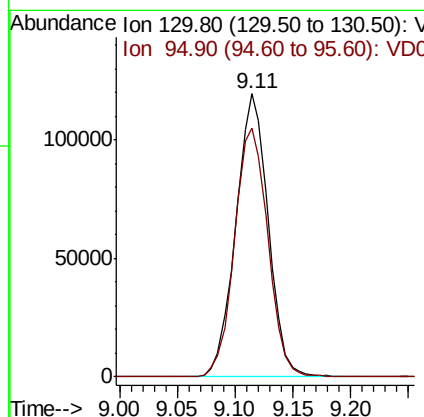
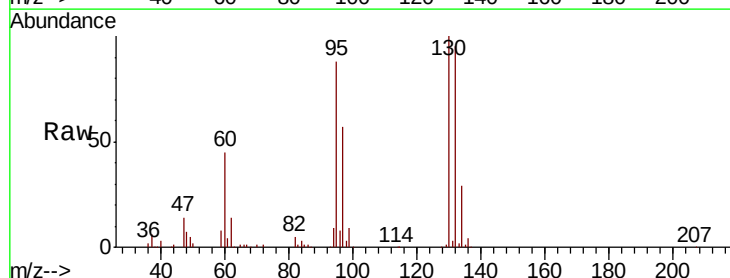
RT: 9.11 min Scan# 1223

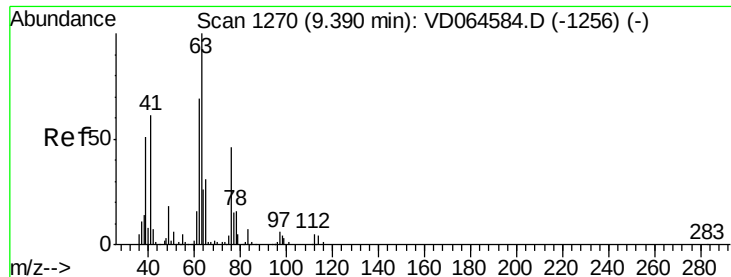
Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 232438 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 87.9  | 0.0   | 190.2  |





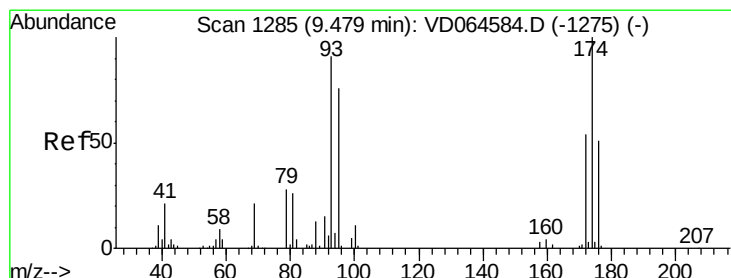
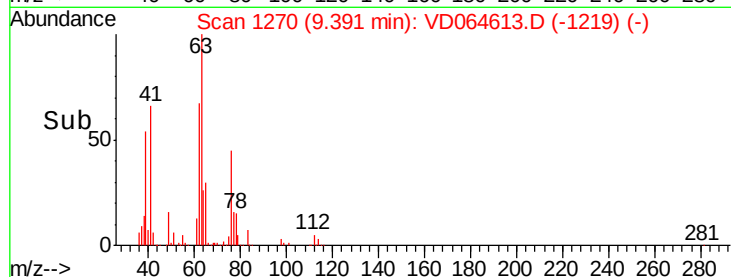
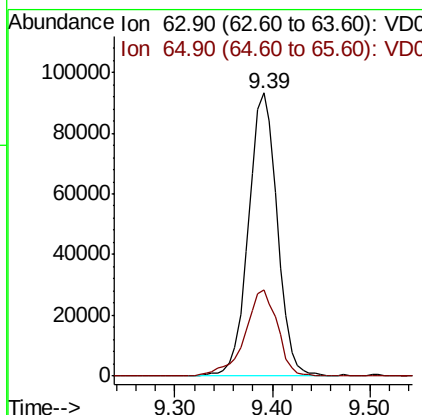
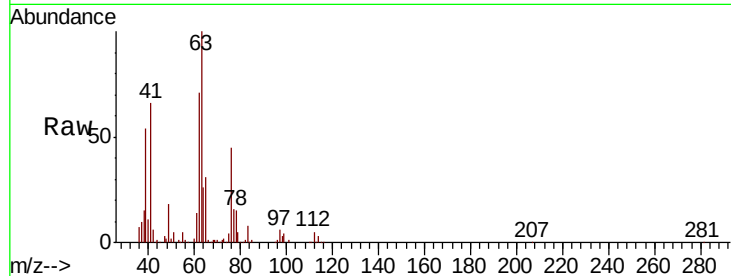
#45  
 1,2-Dichloropropane  
 Concen: 51.978 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.7  | 25.2  | 37.8  |

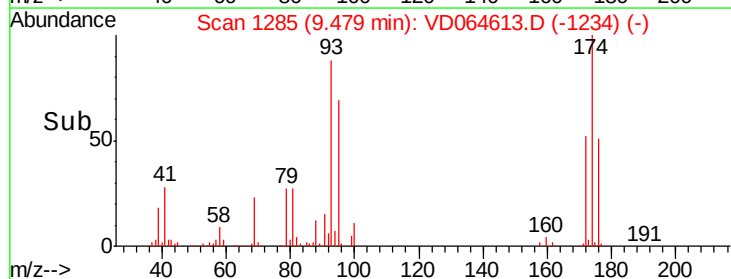
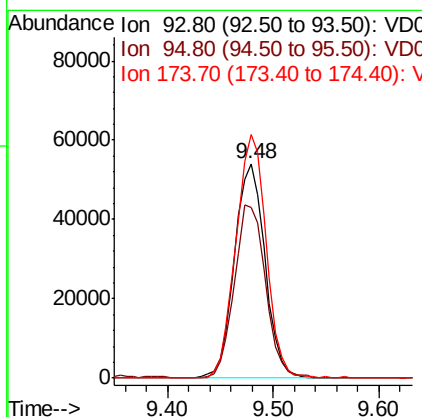
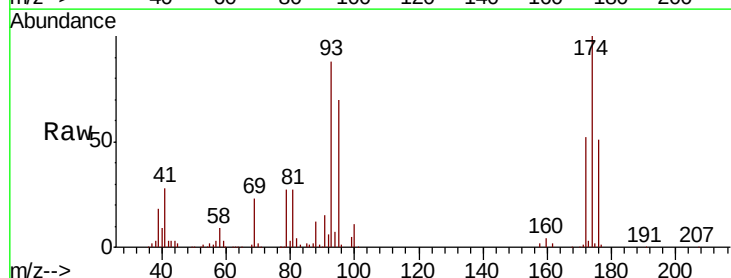
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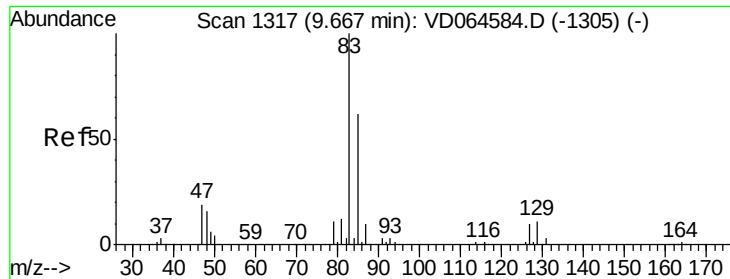
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#46  
 Dibromomethane  
 Concen: 52.463 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.7  | 64.6  | 97.0  |
| 174     | 112.8 | 88.1  | 132.1 |





#47

Bromodichloromethane

Concen: 52.670 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

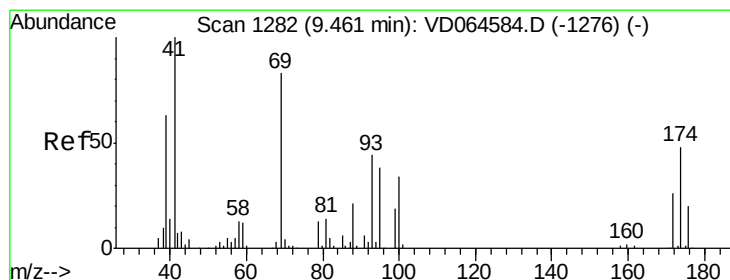
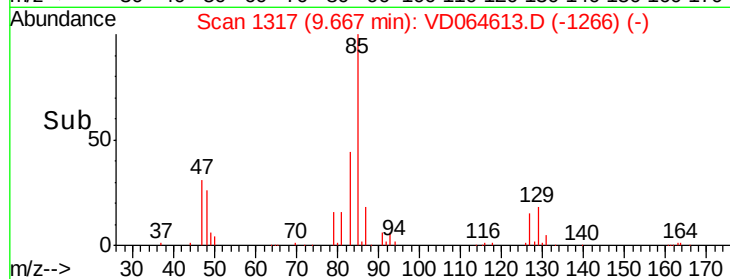
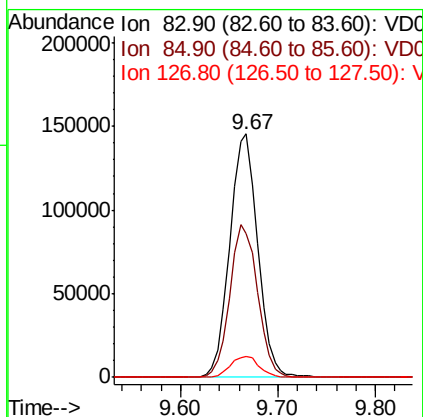
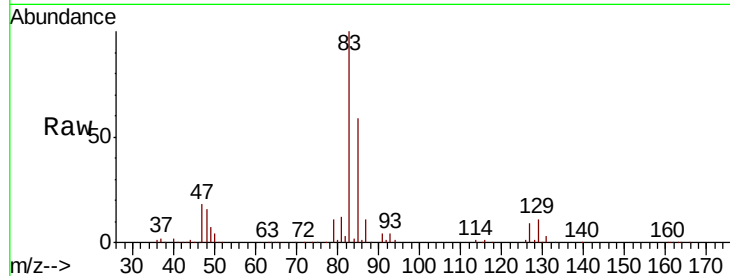
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 289066 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 59.0  | 49.5  | 74.3   |
| 127      | 8.6   | 7.8   | 11.6   |

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#48

Methyl methacrylate

Concen: 50.108 ug/l

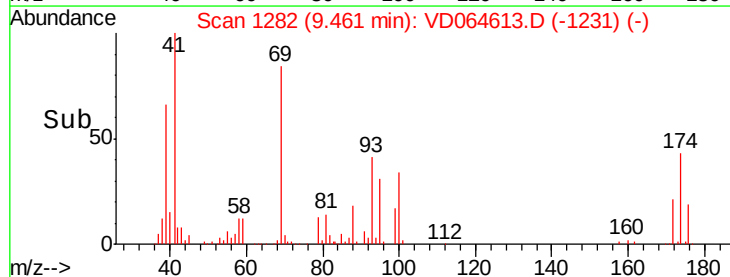
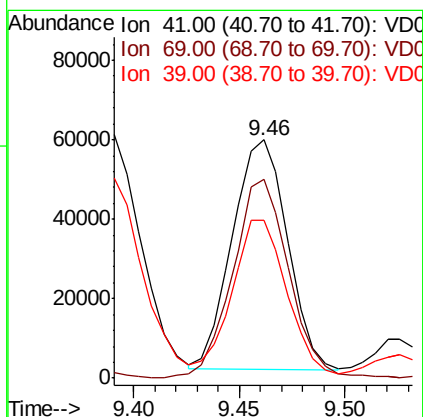
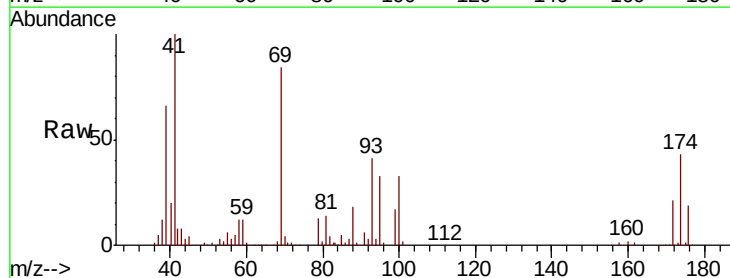
RT: 9.46 min Scan# 1282

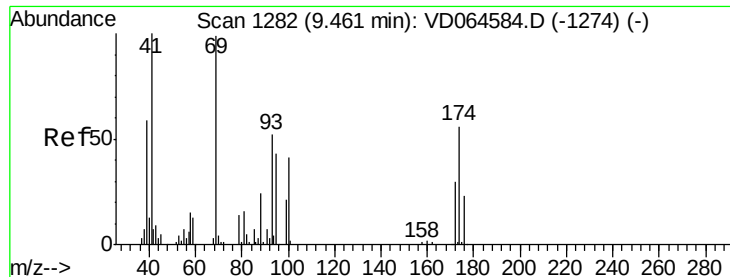
Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 104709 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 88.1  | 63.0  | 94.6   |
| 39       | 65.5  | 47.4  | 71.2   |





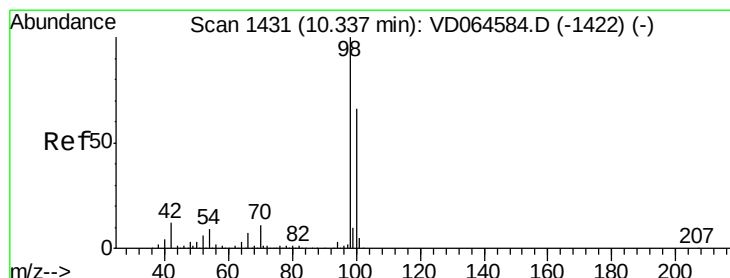
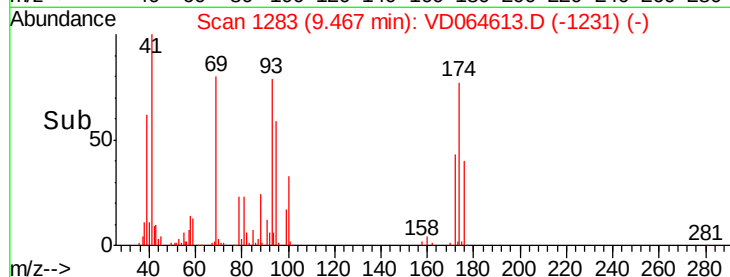
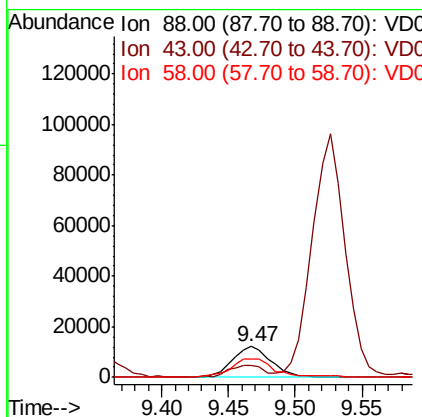
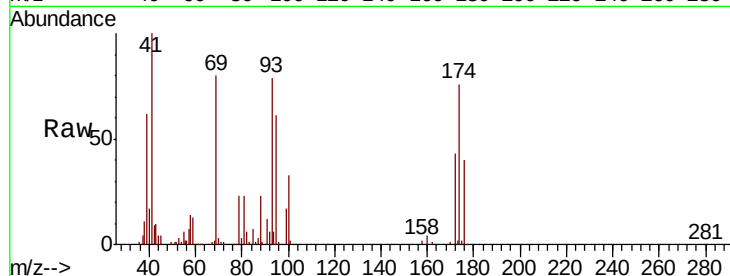
#49  
1,4-Dioxane  
Concen: 1039.137 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. 0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 88    | Resp  | 24713 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 37.6  | 27.7  | 41.5  |
| 58        | 64.5  | 53.8  | 80.6  |

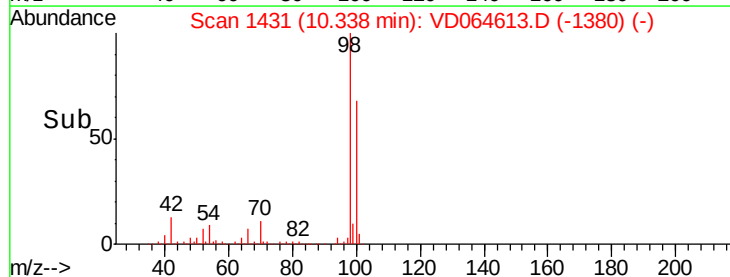
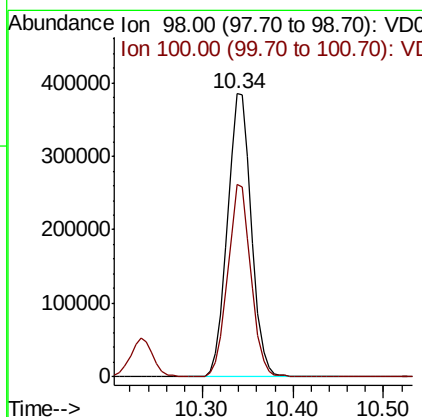
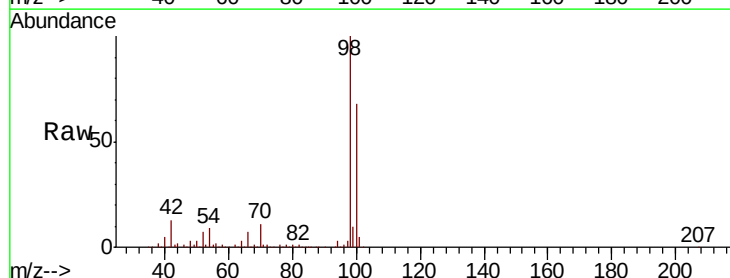
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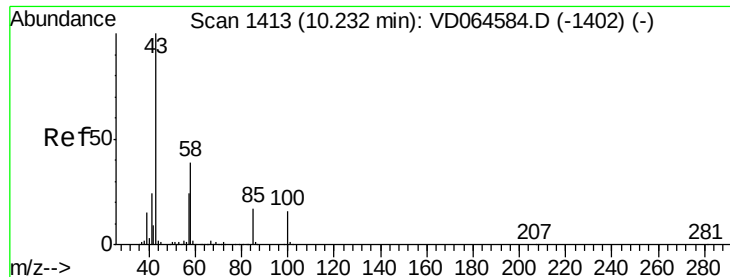
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#50  
Toluene-d8  
Concen: 51.125 ug/l  
RT: 10.34 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

| Tgt Ion   | 98    | Resp  | 708373 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 65.4  | 51.7  | 77.5   |





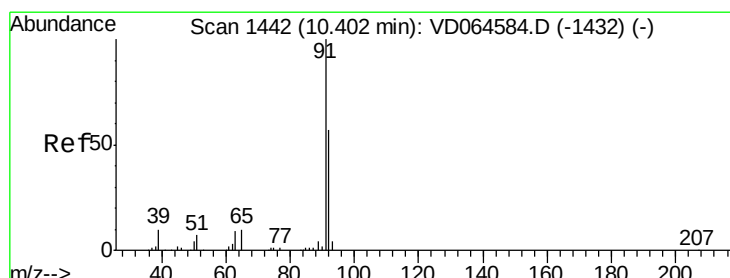
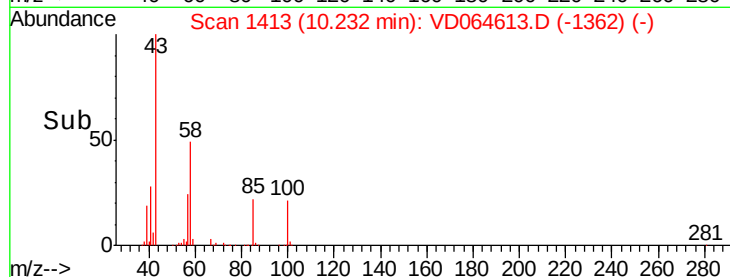
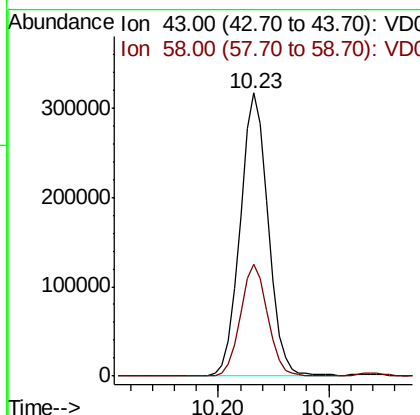
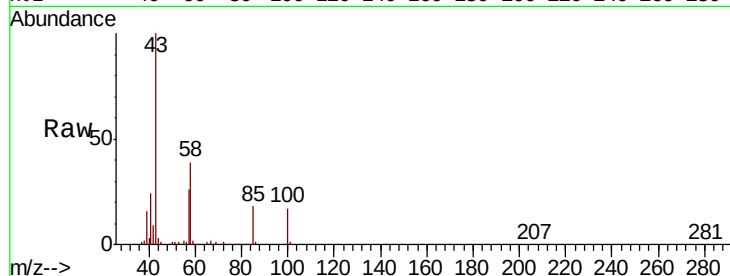
#51  
4-Methyl-2-Pentanone  
Concen: 257.177 ug/l  
RT: 10.23 min Scan# 1413  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 43   | Resp  | 564144 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 38.5 | 30.2  | 45.2   |

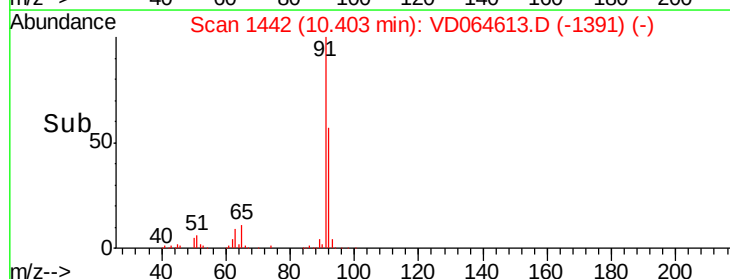
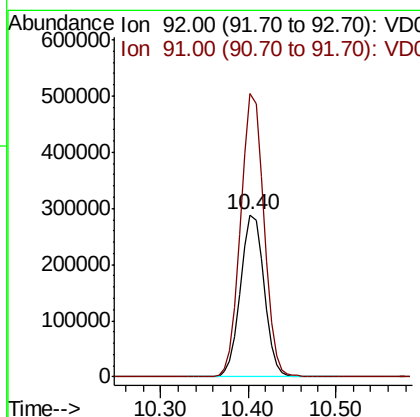
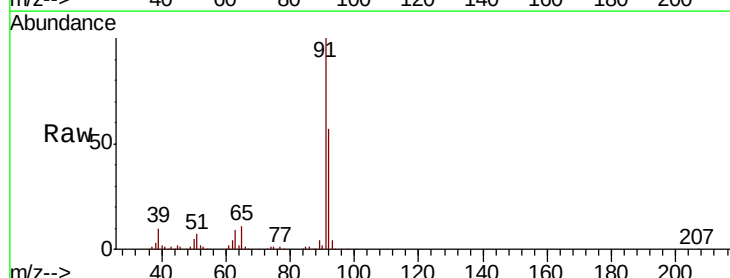
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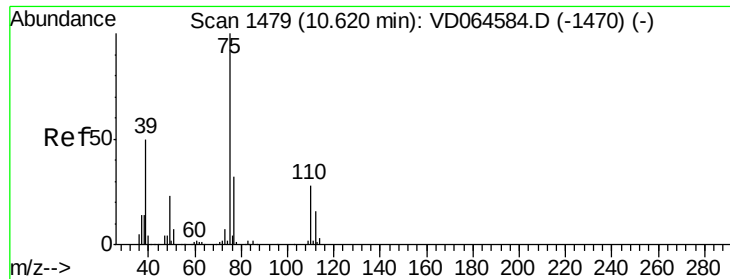
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#52  
Toluene  
Concen: 51.572 ug/l  
RT: 10.40 min Scan# 1442  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

| Tgt Ion   | 92    | Resp  | 524240 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 92        | 100   |       |        |
| 91        | 172.1 | 138.7 | 208.1  |





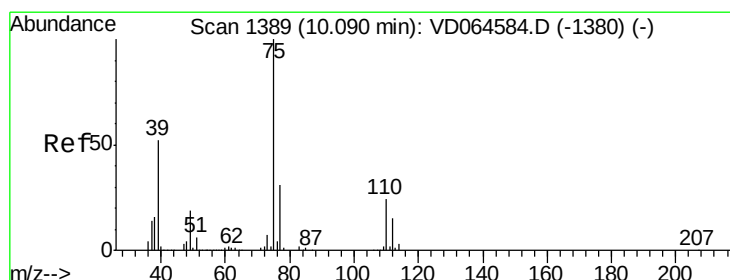
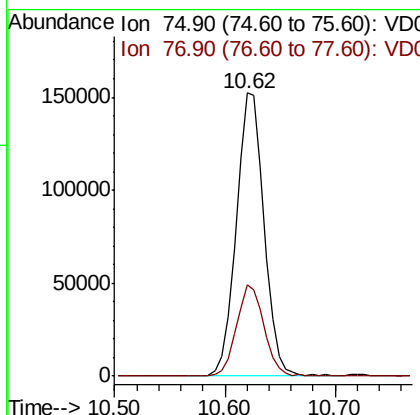
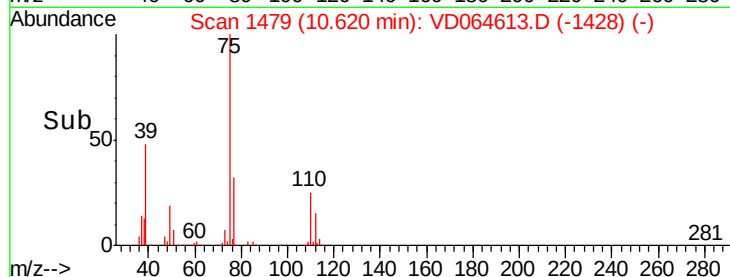
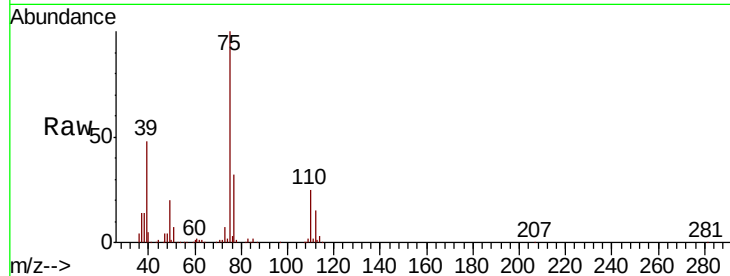
#53  
t-1,3-Dichloropropene  
Concen: 52.538 ug/l  
RT: 10.62 min Scan# 1479  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 75 Resp: 268827  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.4 38.2

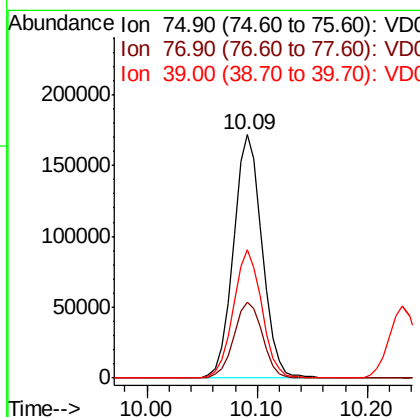
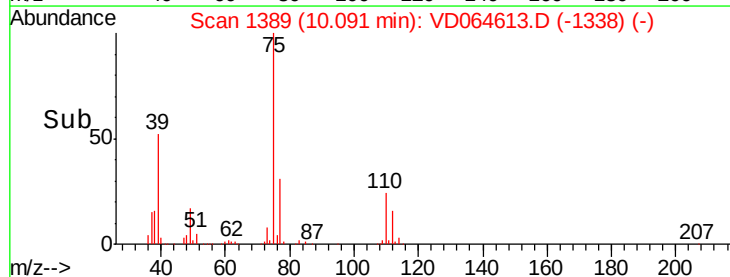
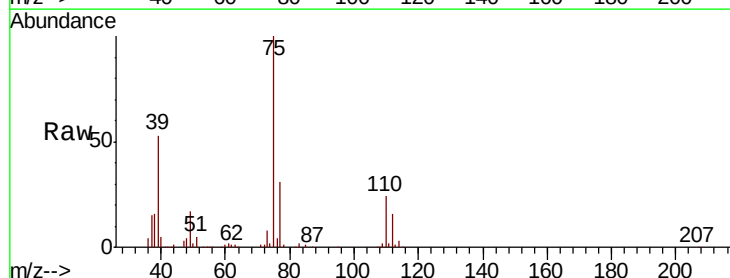
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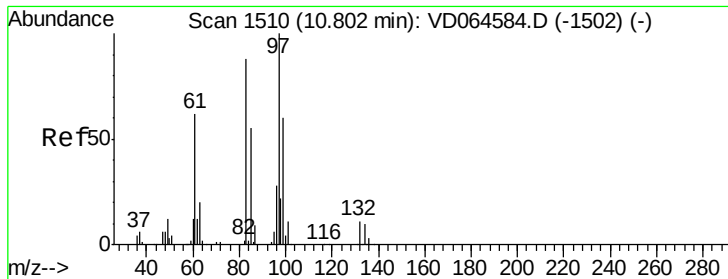


#54  
cis-1,3-Dichloropropene  
Concen: 51.738 ug/l  
RT: 10.09 min Scan# 1389  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion: 75 Resp: 312159  
Ion Ratio Lower Upper  
75 100  
77 31.0 24.6 36.8  
39 52.6 41.4 62.2







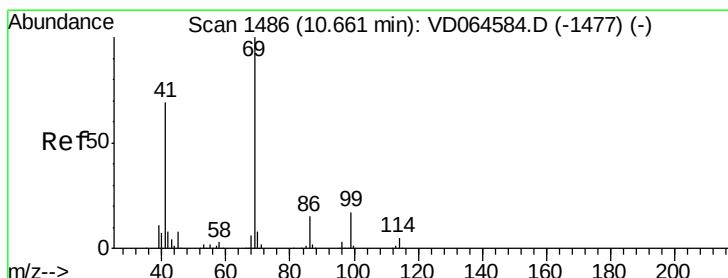
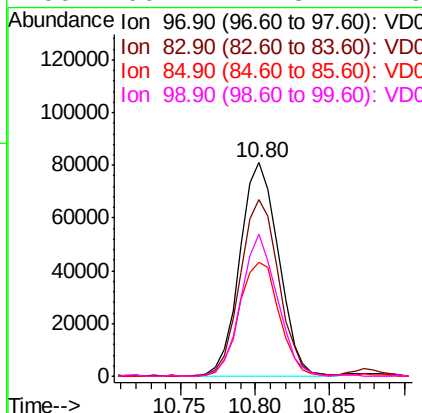
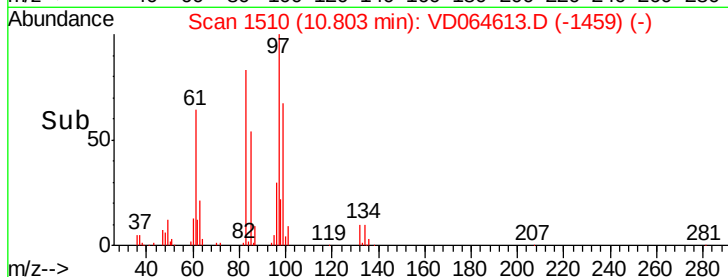
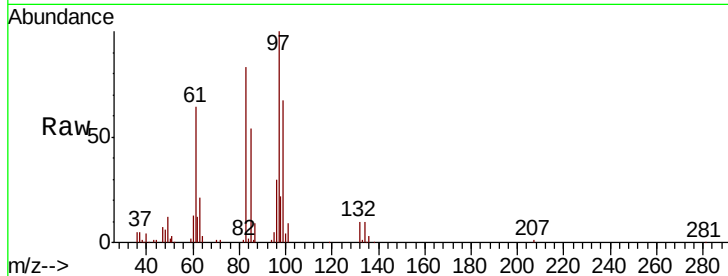
#55  
 1,1,2-Trichloroethane  
 Concen: 52.591 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 82.7  | 70.2  | 105.4 |
| 85      | 53.5  | 44.0  | 66.0  |
| 99      | 66.7  | 47.8  | 71.6  |

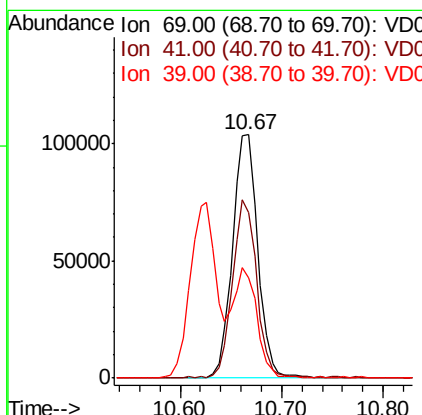
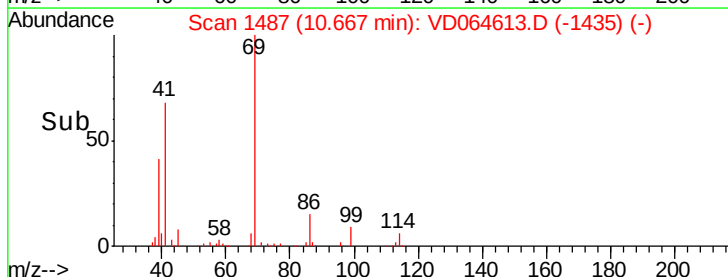
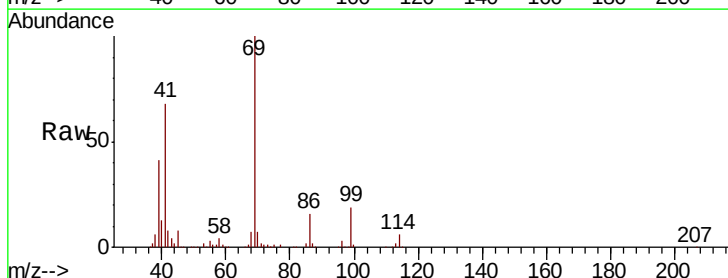
Manual Integrations  
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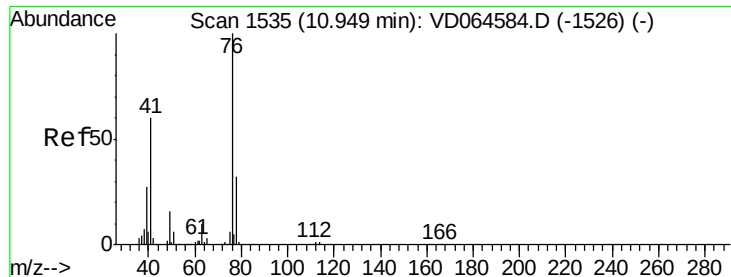
apatel  
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#56  
 Ethyl methacrylate  
 Concen: 52.039 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. 0.01 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 68.9  | 55.3  | 82.9  |
| 39      | 42.6  | 33.8  | 50.8  |





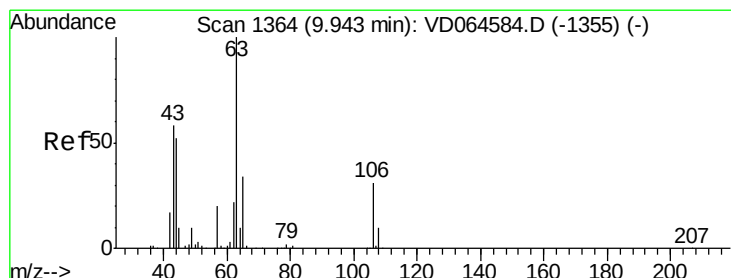
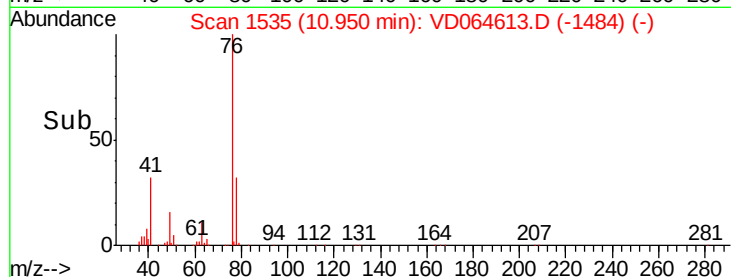
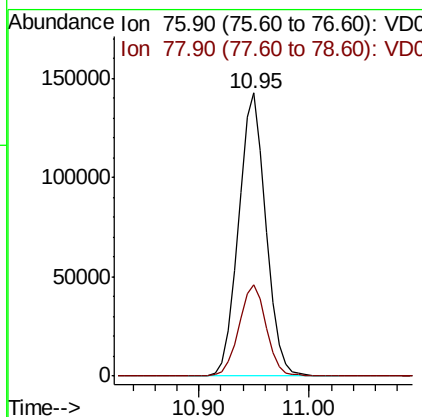
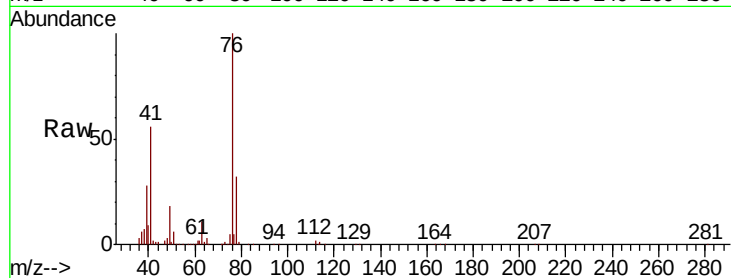
#57  
 1,3-Dichloropropane  
 Concen: 51.717 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 247511  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 26.2 39.4

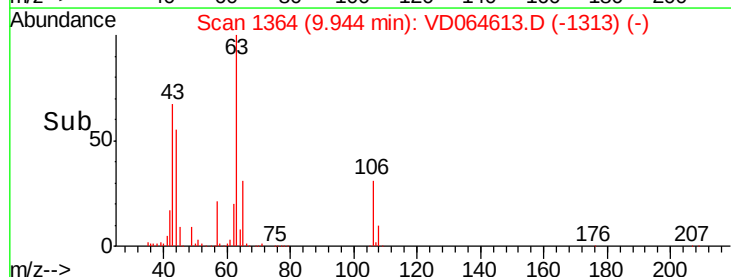
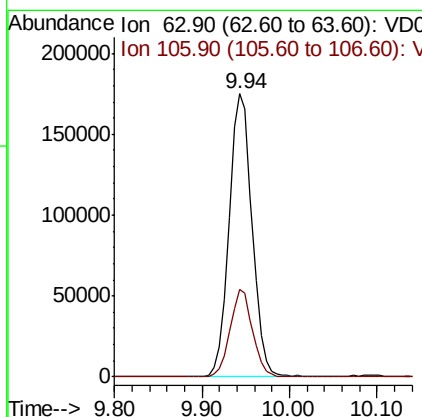
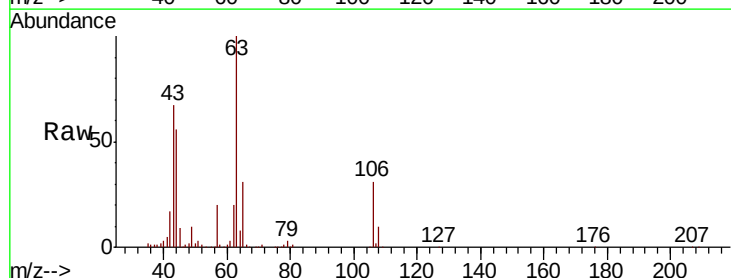
Manual Integrations  
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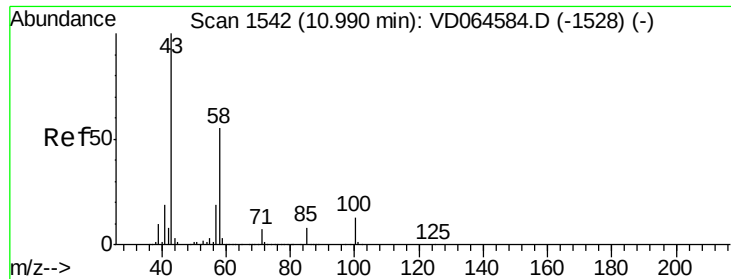
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 236.729 ug/l  
 RT: 9.94 min Scan# 1364  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Tgt Ion: 63 Resp: 313088  
 Ion Ratio Lower Upper  
 63 100  
 106 30.1 23.8 35.8





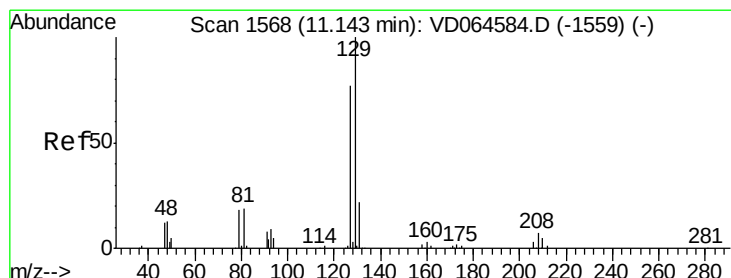
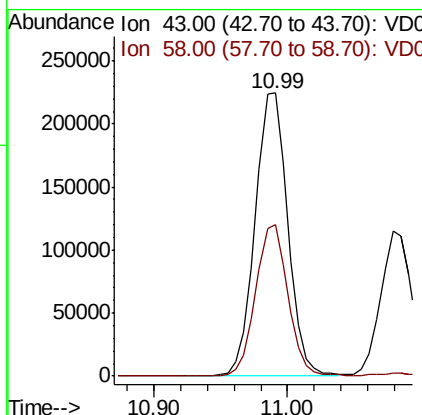
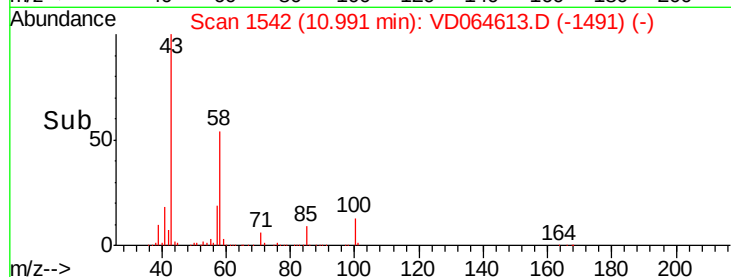
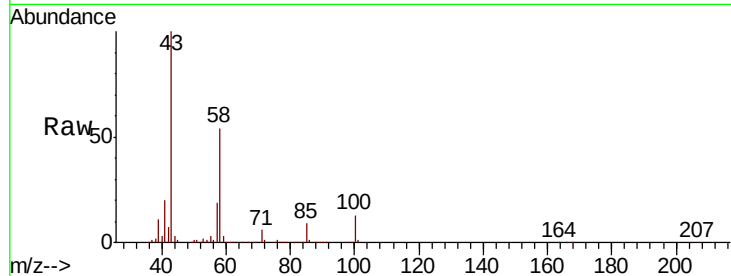
#59  
2-Hexanone  
Concen: 255.149 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 379876  
Ion Ratio Lower Upper  
43 100  
58 52.7 26.4 79.0

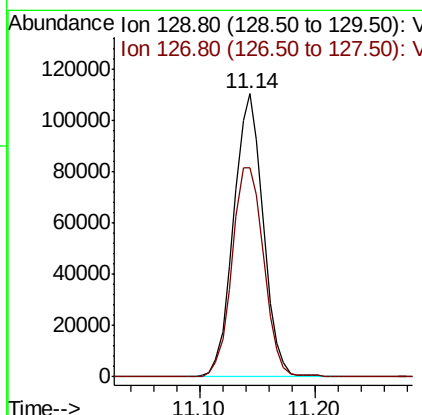
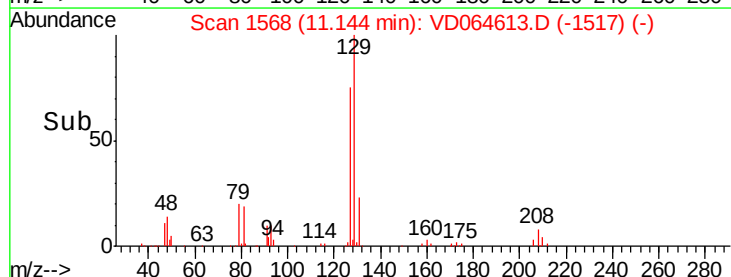
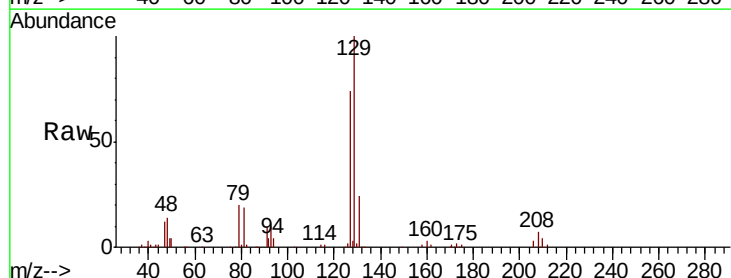
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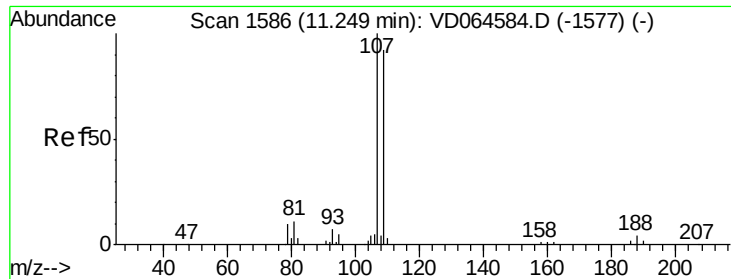
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#60  
Dibromochloromethane  
Concen: 51.116 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion: 129 Resp: 196480  
Ion Ratio Lower Upper  
129 100  
127 79.3 38.4 115.2





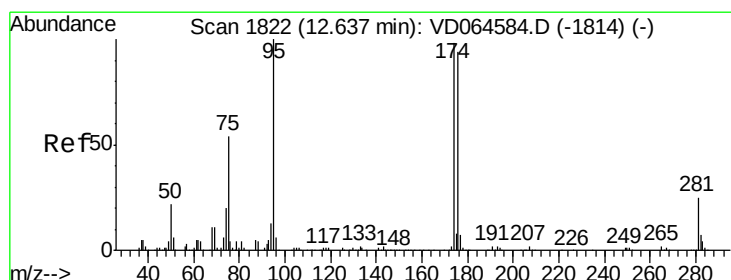
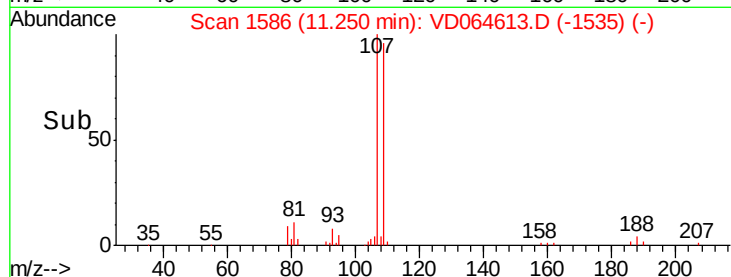
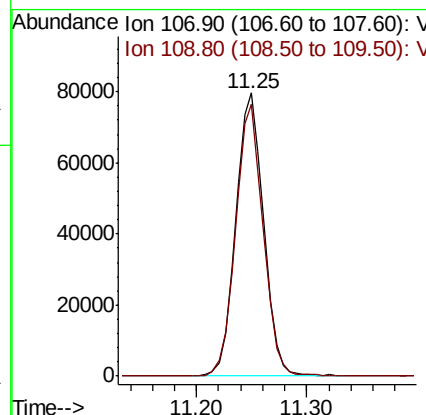
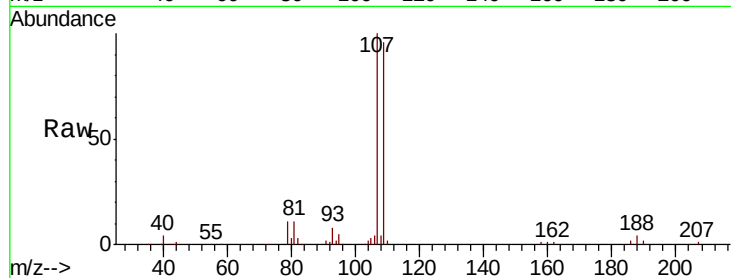
#61  
 1,2-Dibromoethane  
 Concen: 51.301 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 107 Resp: 140646  
 Ion Ratio Lower Upper  
 107 100  
 109 94.9 75.6 113.4

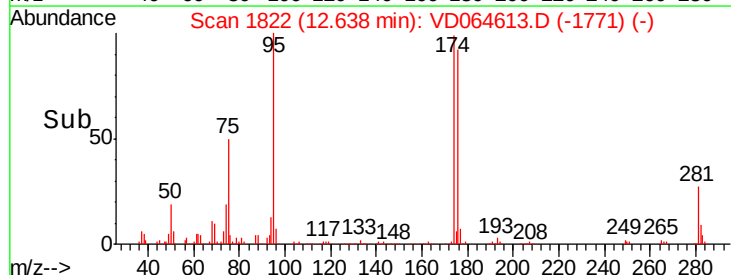
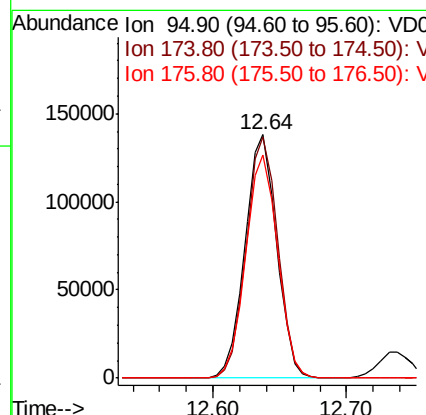
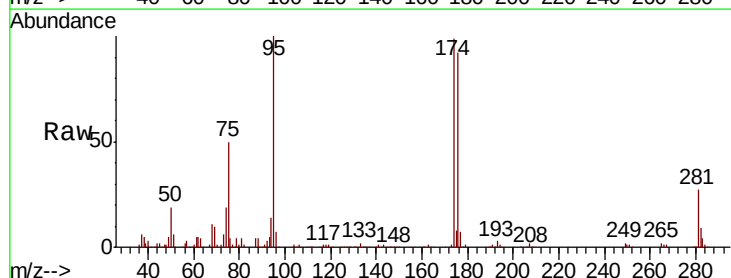
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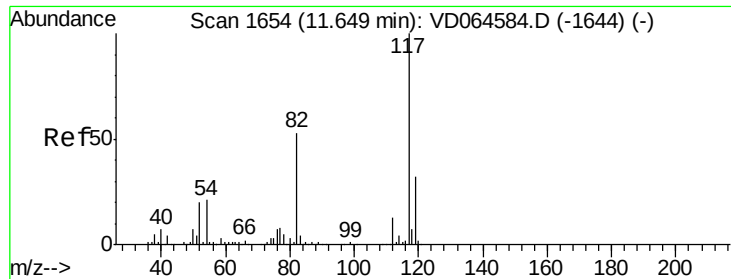
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#62  
 4-Bromofluorobenzene  
 Concen: 51.403 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Tgt Ion: 95 Resp: 225214  
 Ion Ratio Lower Upper  
 95 100  
 174 99.0 0.0 193.2  
 176 93.0 0.0 184.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

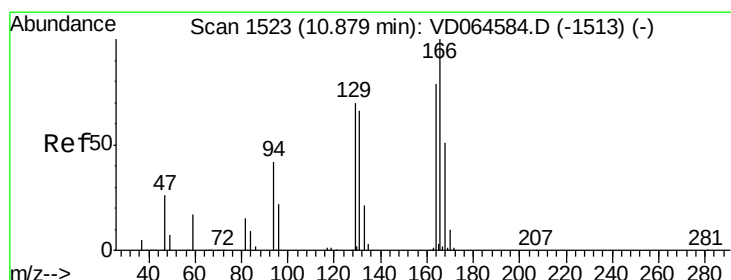
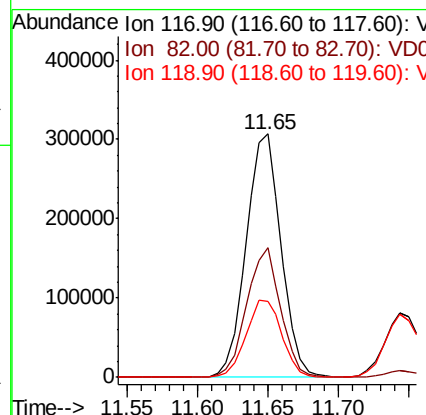
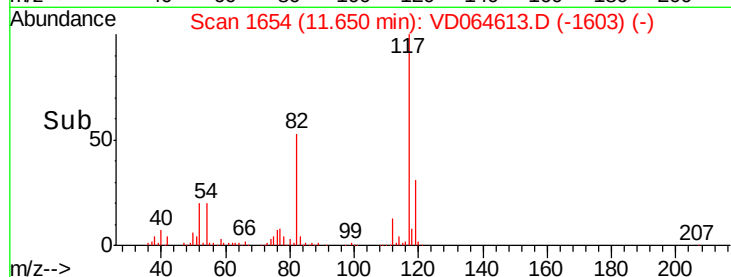
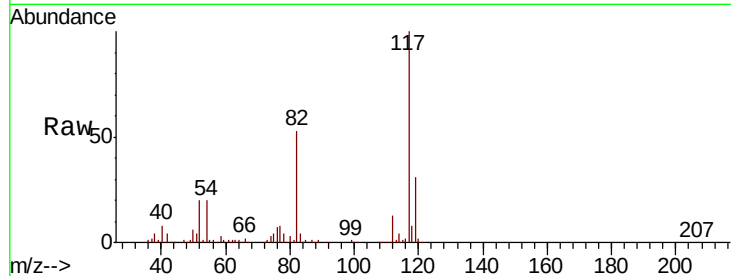
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.1  | 42.2  | 63.4  |
| 119     | 31.4  | 26.0  | 39.0  |

Manual Integrations  
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#64

Tetrachloroethene

Concen: 49.152 ug/l

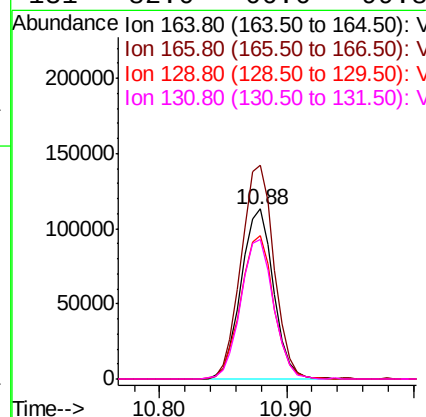
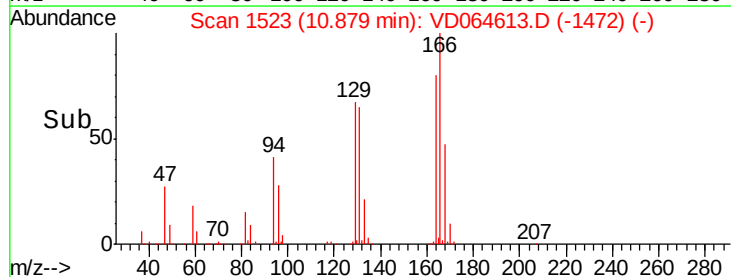
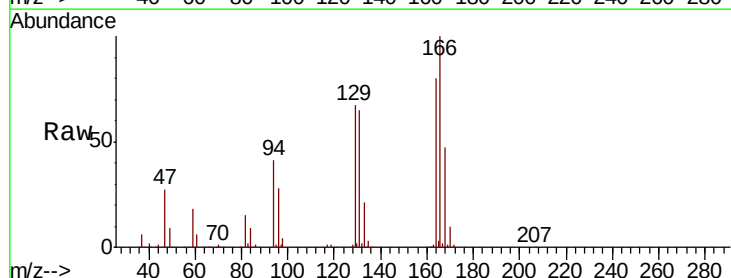
RT: 10.88 min Scan# 1523

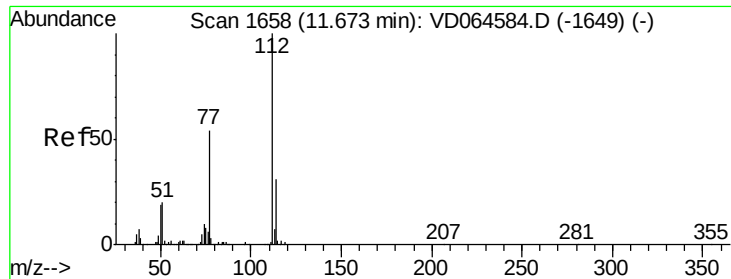
Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.6 | 101.3 | 151.9 |
| 129     | 84.3  | 70.5  | 105.7 |
| 131     | 82.0  | 66.6  | 99.8  |





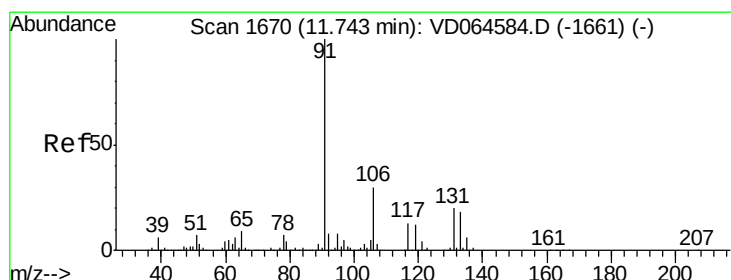
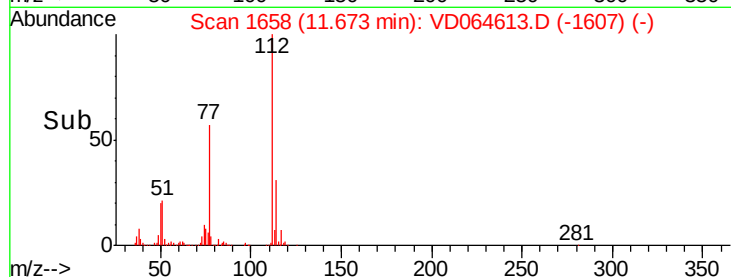
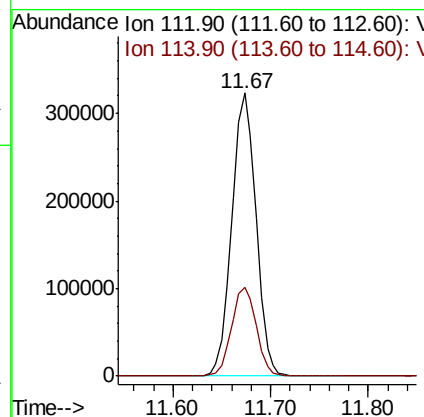
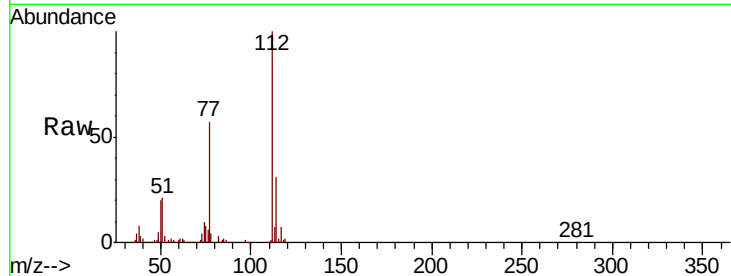
#65  
Chlorobenzene  
Concen: 50.438 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 556512 |       |       |
| 114     | 31.5  | 24.8   | 37.2  |       |

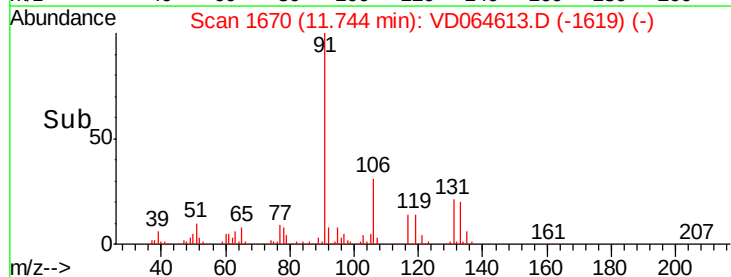
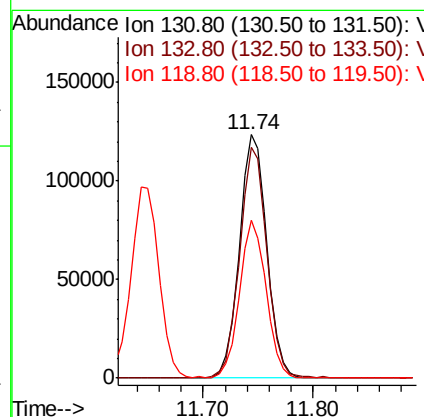
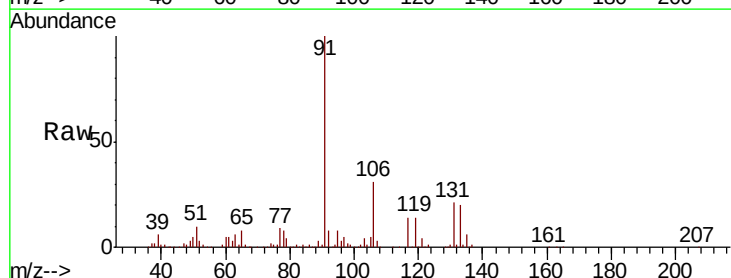
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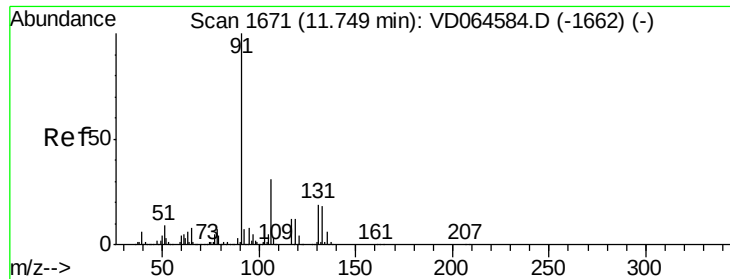
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.785 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 131     | 100   | 215402 |       |       |
| 133     | 94.4  | 48.3   | 144.8 |       |
| 119     | 63.3  | 32.1   | 96.3  |       |





#67

Ethyl Benzene

Concen: 49.945 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1000235

Ion Ratio Lower Upper

91 100

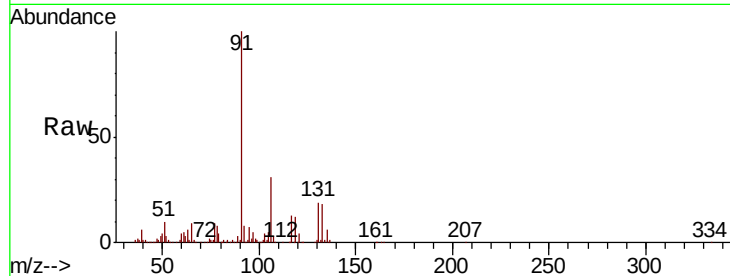
106 31.0 24.6 36.8

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Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V

800000

600000

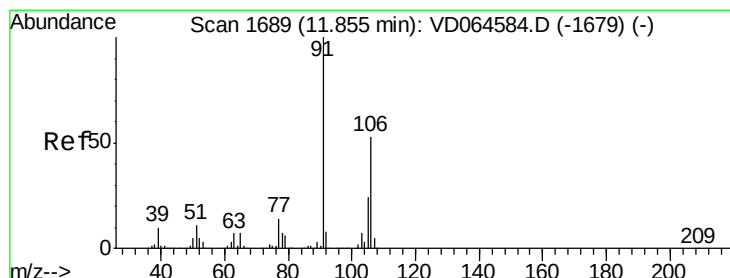
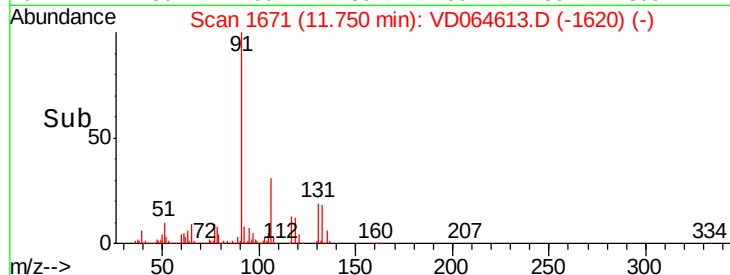
400000

200000

0

11.65 11.70 11.75 11.80

Time-->



#68

m/p-Xylenes

Concen: 100.563 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064613.D

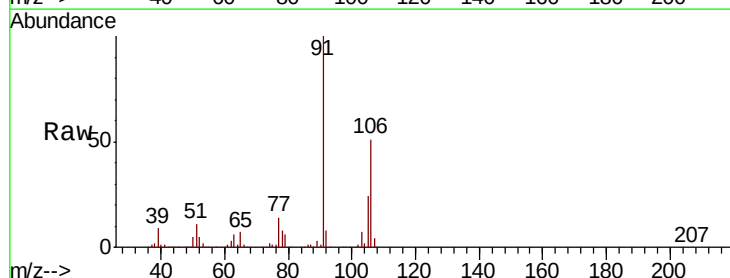
Acq: 26 Dec 2019 22:44

Tgt Ion: 106 Resp: 777341

Ion Ratio Lower Upper

106 100

91 197.9 156.3 234.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

800000

600000

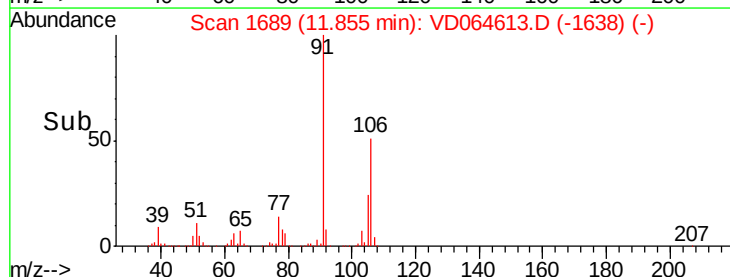
400000

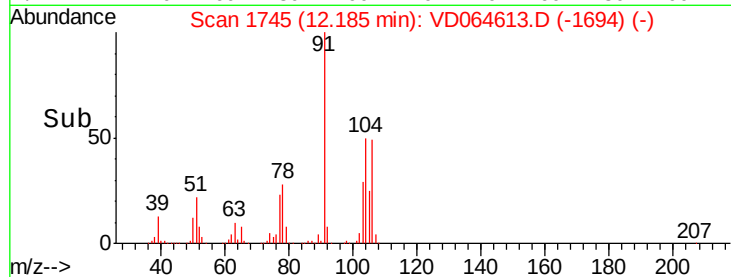
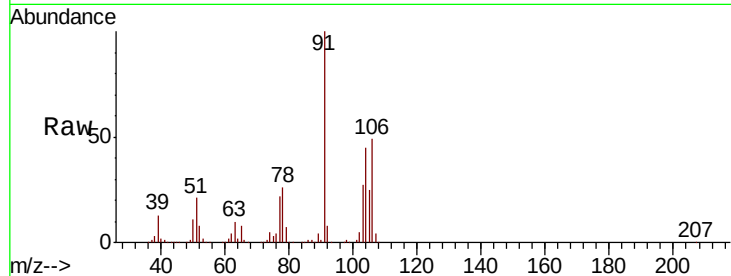
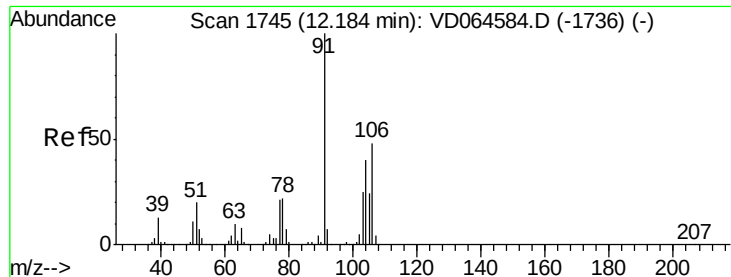
200000

0

11.80 11.86 11.90

Time-->





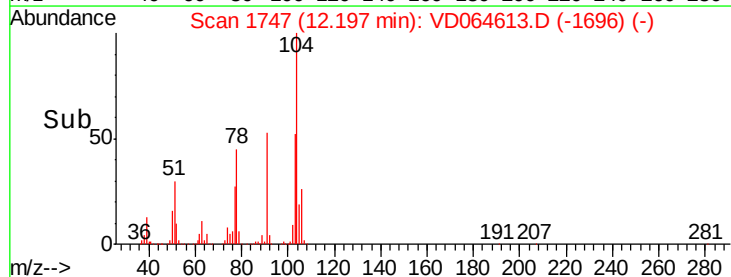
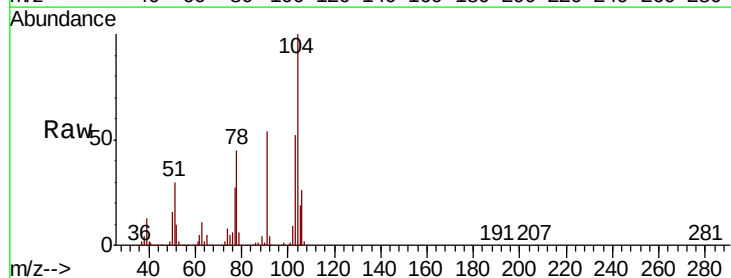
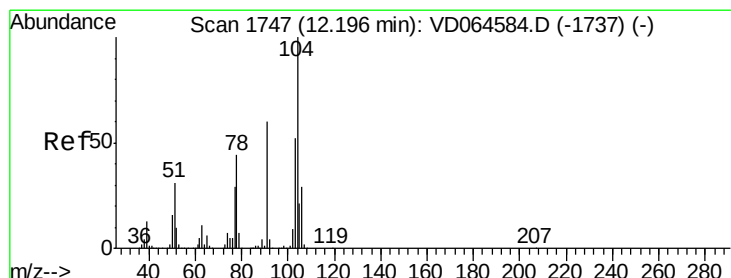
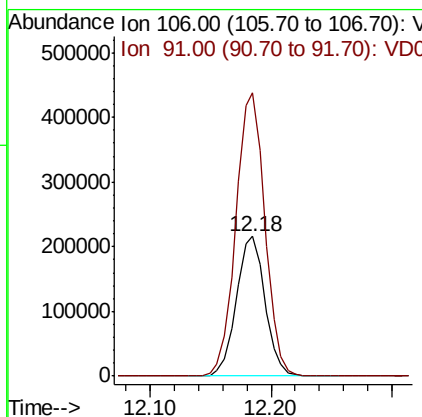
#69  
o-Xylene  
Concen: 51.208 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 357537 |       |       |
| 91      | 205.4 | 104.8  | 314.4 |       |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

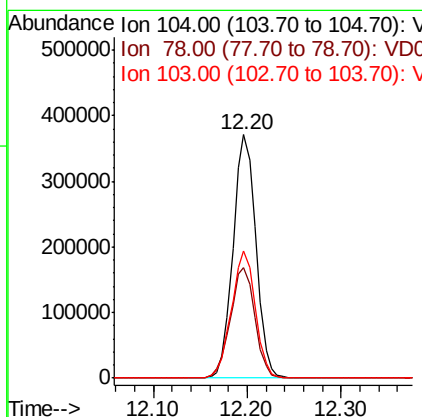
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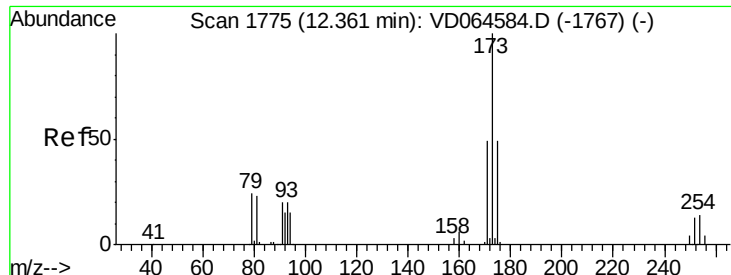


#70  
Styrene  
Concen: 51.081 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 626018 |       |       |
| 78      | 48.8  | 38.2   | 57.2  |       |
| 103     | 54.8  | 44.6   | 67.0  |       |







#71

Bromoform

Concen: 50.616 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 120066

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

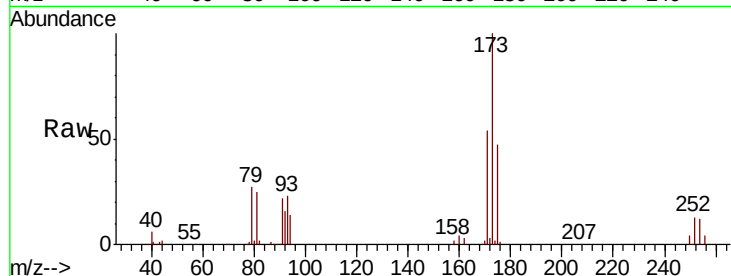
254 0.1 0.1 0.1#

Manual Integrations

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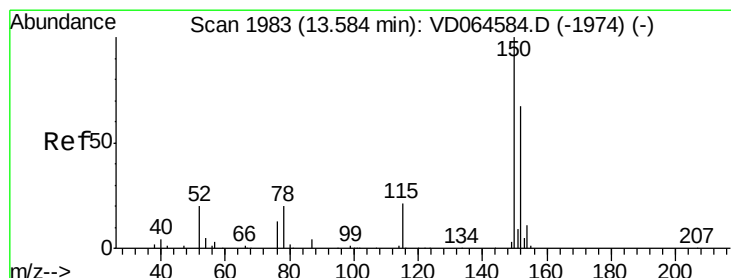
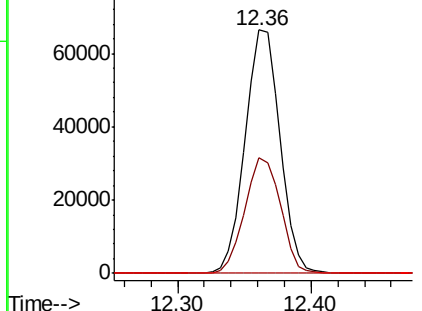
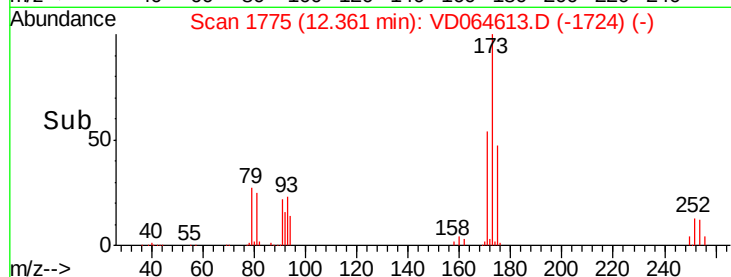
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VD064613.D

Acq: 26 Dec 2019 22:44

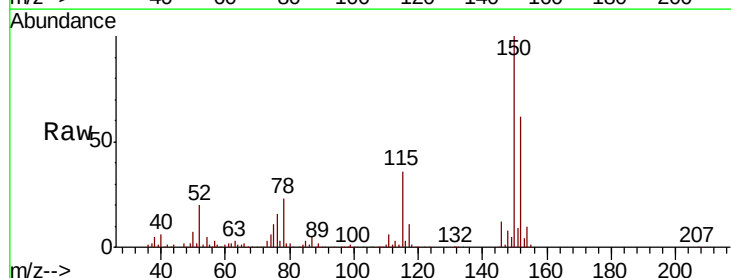
Tgt Ion:152 Resp: 263094

Ion Ratio Lower Upper

152 100

115 54.7 27.8 83.4

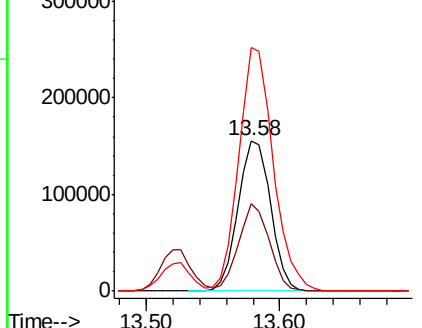
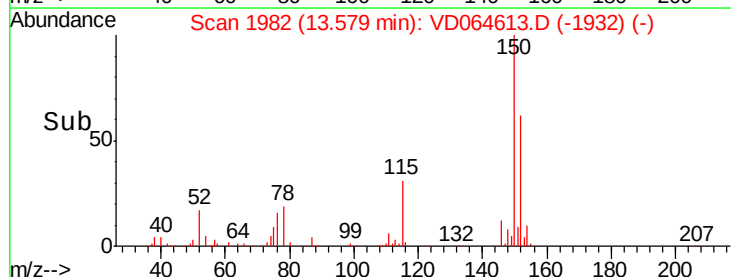
150 171.6 0.0 351.4

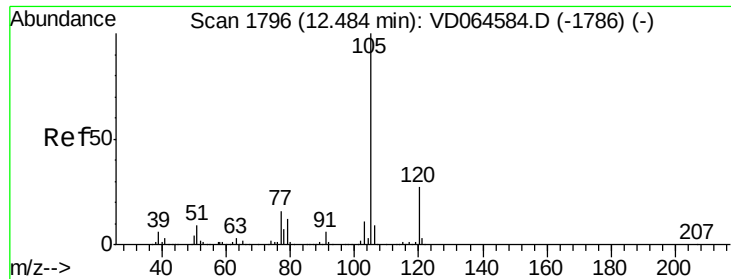


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.325 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 946167

Ion Ratio Lower Upper

105 100

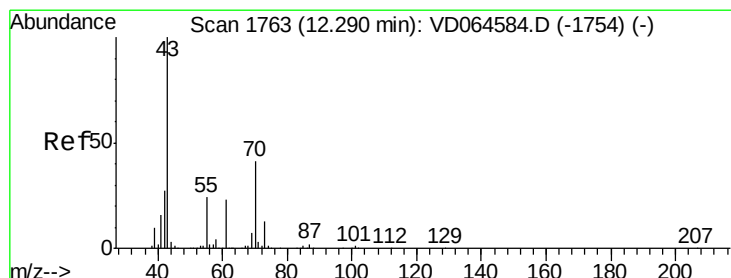
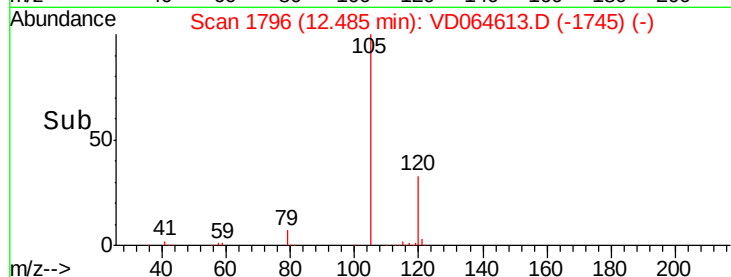
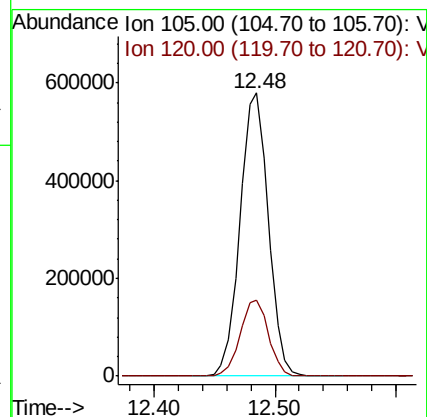
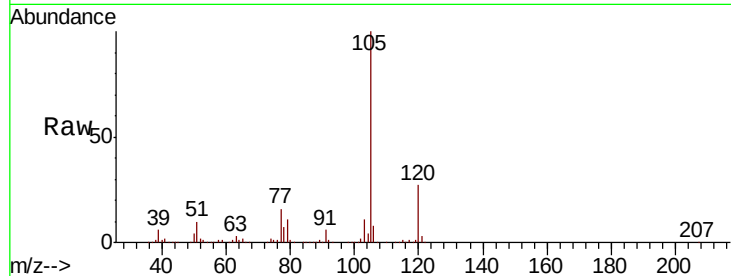
120 26.8 13.5 40.5

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#74

N-ethyl acetate

Concen: 52.060 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Tgt Ion: 43 Resp: 209231

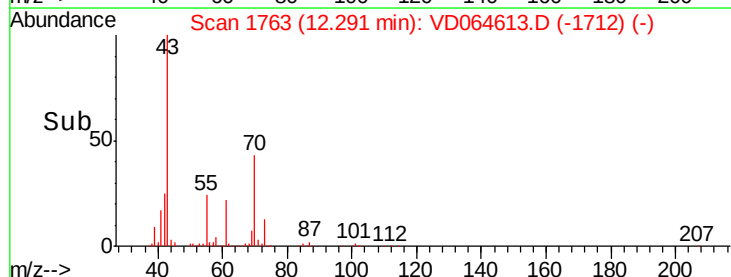
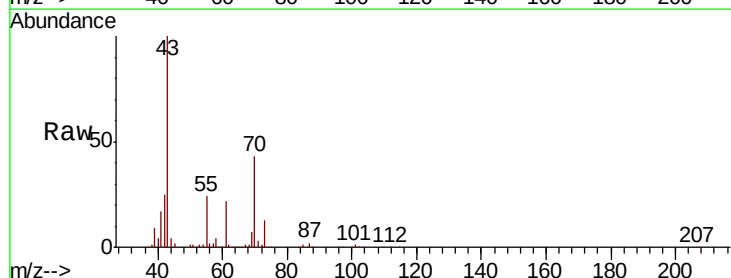
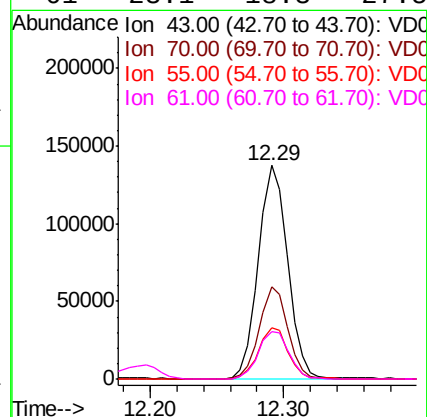
Ion Ratio Lower Upper

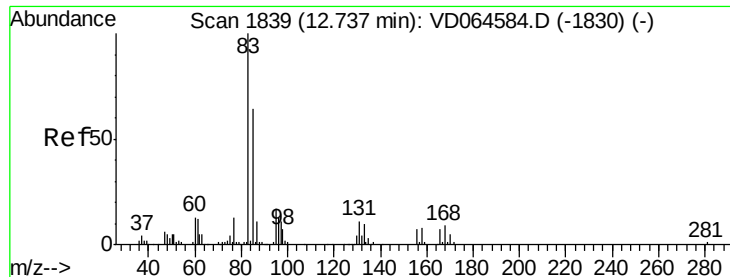
43 100

70 41.8 33.4 50.0

55 24.5 19.4 29.0

61 23.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.422 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

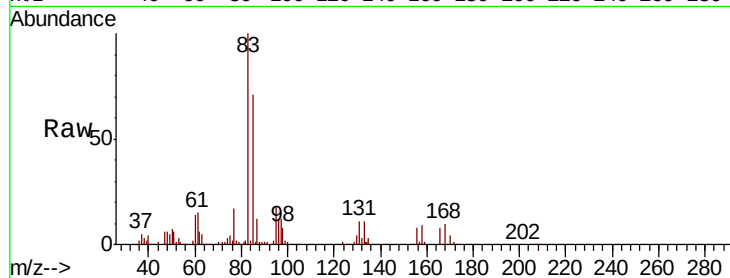
ClientSampleId :

VSTDCCC050

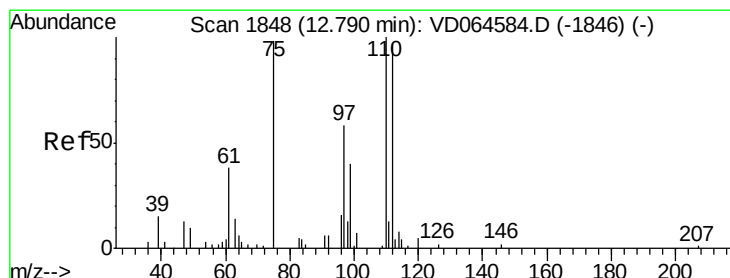
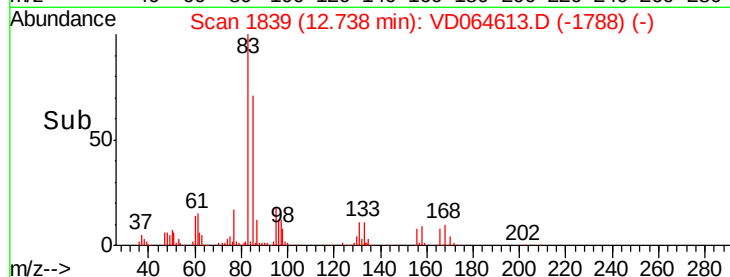
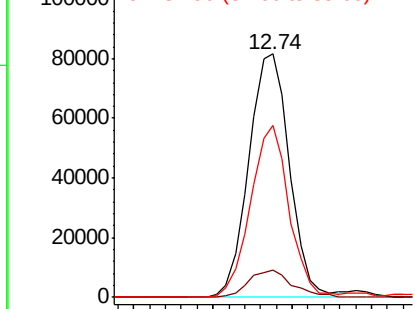
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 145969 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 12.0  | 5.8   | 17.4   |
| 85       | 66.7  | 32.3  | 96.9   |

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Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 130.80 (130.50 to 131.50): VDC  
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 51.445 ug/l m

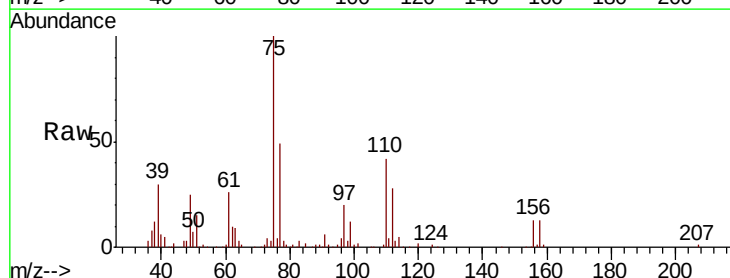
RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

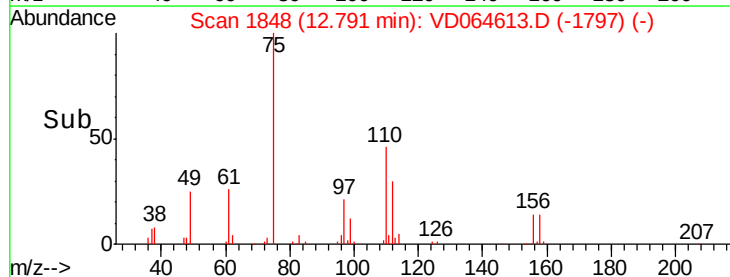
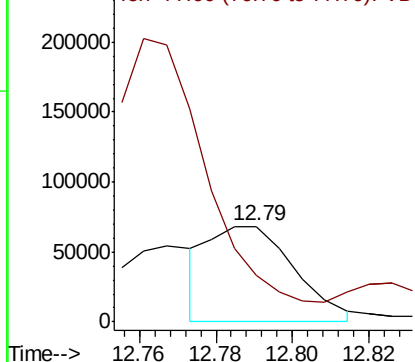
Lab File: VD064613.D

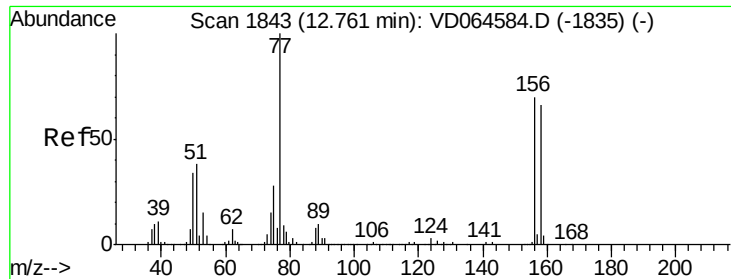
Acq: 26 Dec 2019 22:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 106879 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 0.0   | 0.0   | 0.0    |



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





#77

Bromobenzene

Concen: 51.436 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

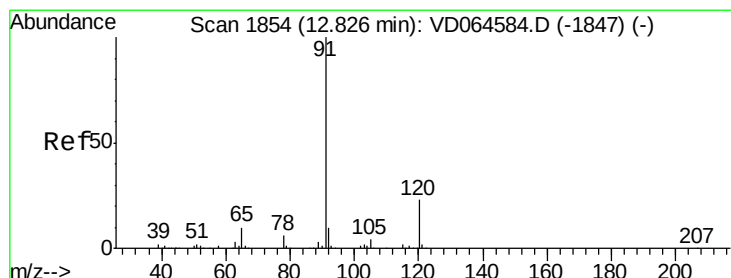
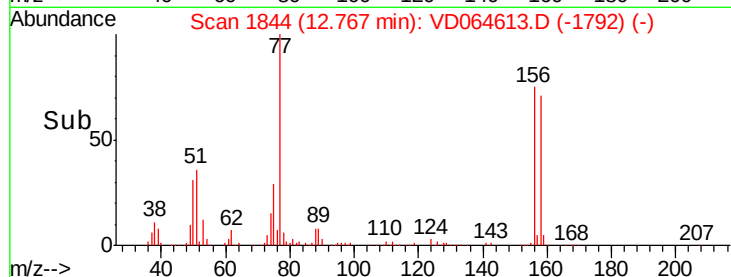
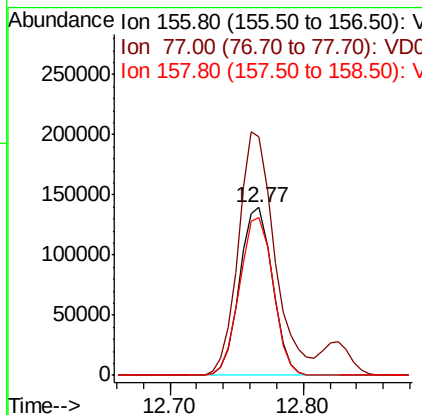
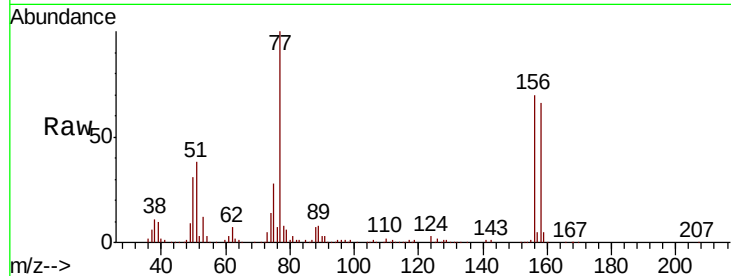
ClientSampleId :

VSTDCCC050

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 156     | 100   |       | 237619 |       |       |
| 77      | 160.9 | 80.9  | 242.7  |       |       |
| 158     | 96.3  | 48.0  | 144.2  |       |       |

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#78

n-propylbenzene

Concen: 50.116 ug/l

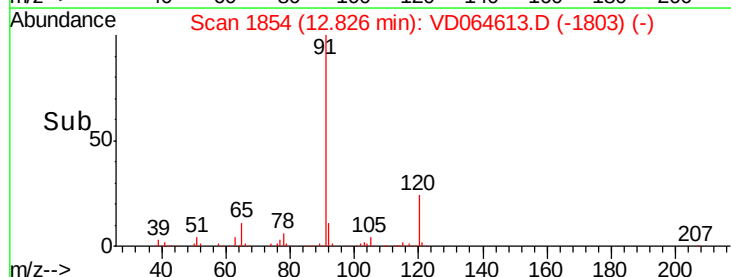
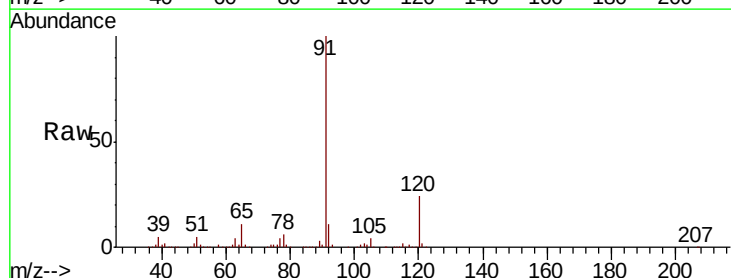
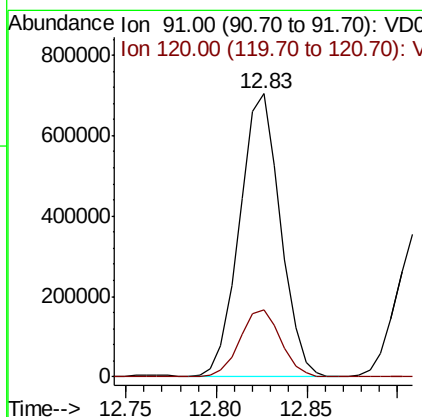
RT: 12.83 min Scan# 1854

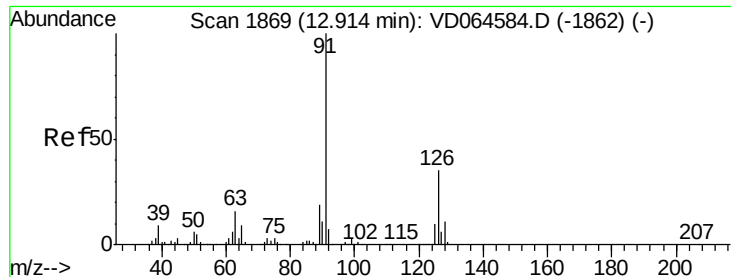
Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 91      | 100  |       | 1099237 |       |       |
| 120     | 23.9 | 11.9  | 35.9    |       |       |





#79

2-Chlorotoluene

Concen: 50.307 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 606165

Ion Ratio Lower Upper

91 100

126 36.7

17.8

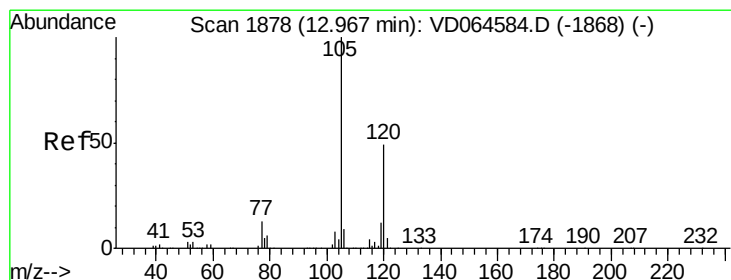
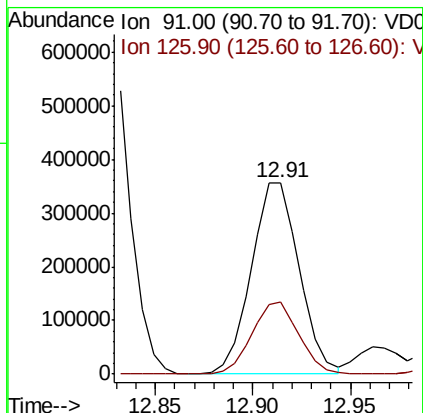
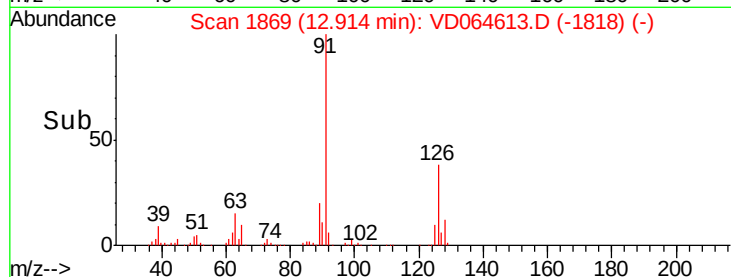
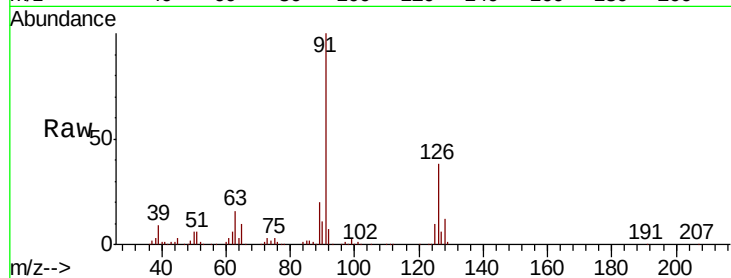
53.5

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#80

1,3,5-Trimethylbenzene

Concen: 50.449 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Tgt Ion:105 Resp: 779156

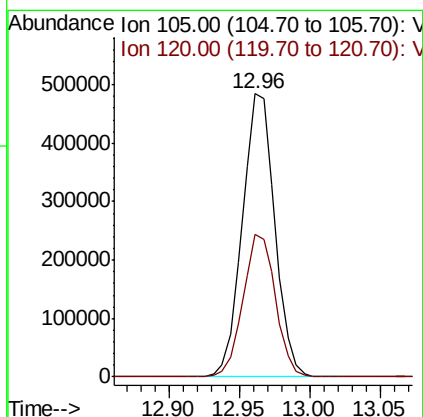
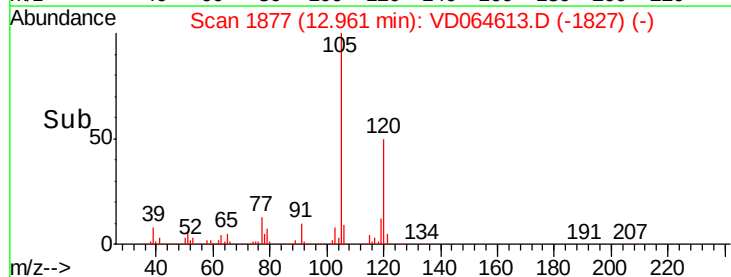
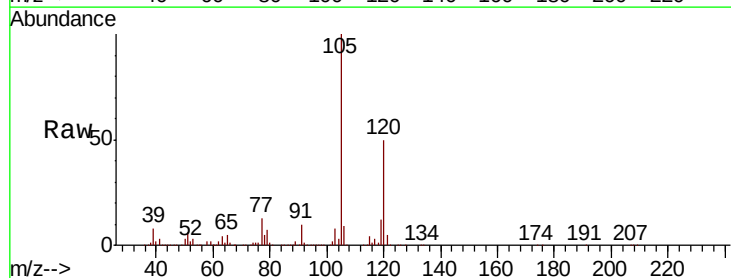
Ion Ratio Lower Upper

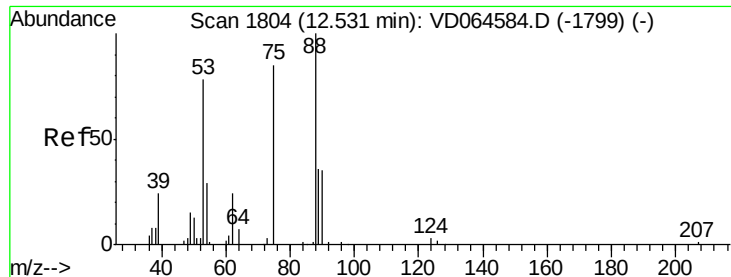
105 100

120 50.2

25.0

75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.695 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 49364

Ion Ratio Lower Upper

75 100

53 97.4 78.8 118.2

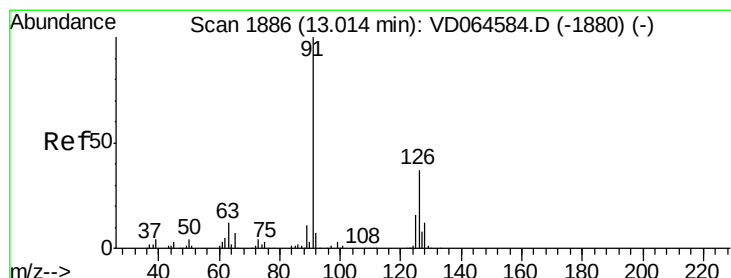
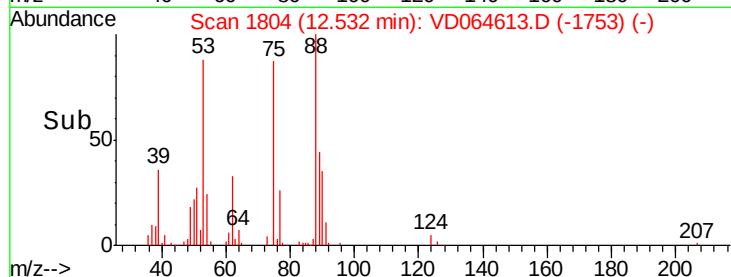
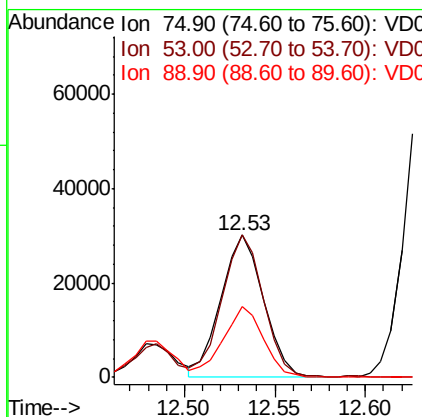
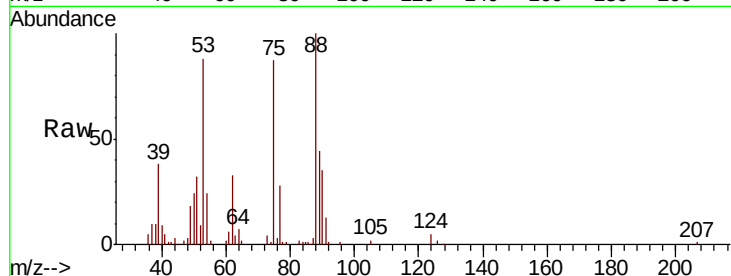
89 47.4 38.3 57.5

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#82

4-Chlorotoluene

Concen: 50.552 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD064613.D

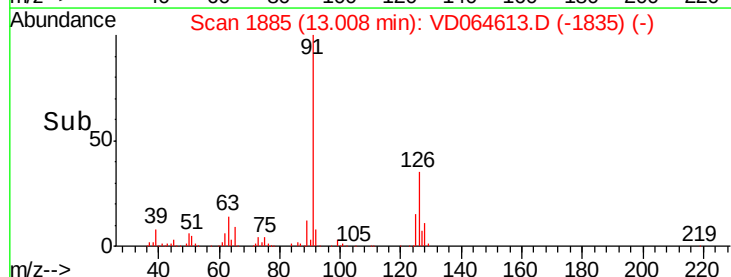
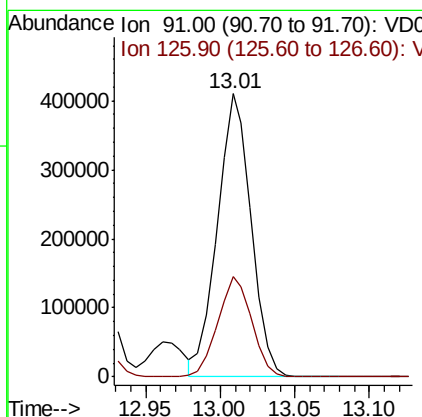
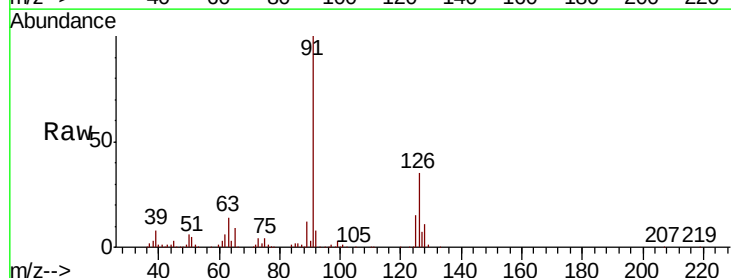
Acq: 26 Dec 2019 22:44

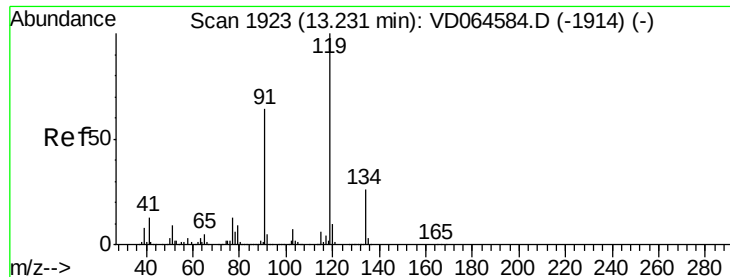
Tgt Ion: 91 Resp: 648211

Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.5





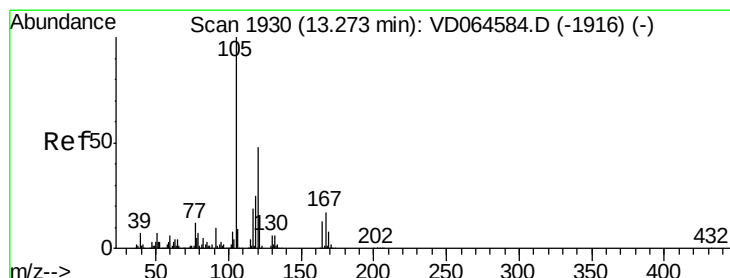
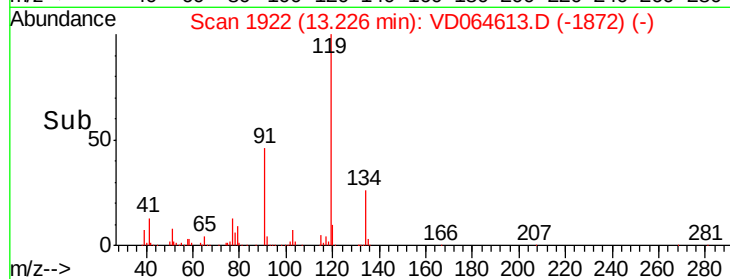
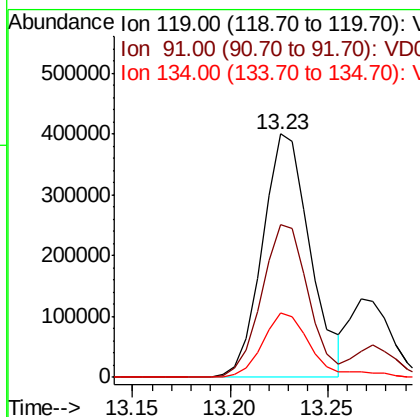
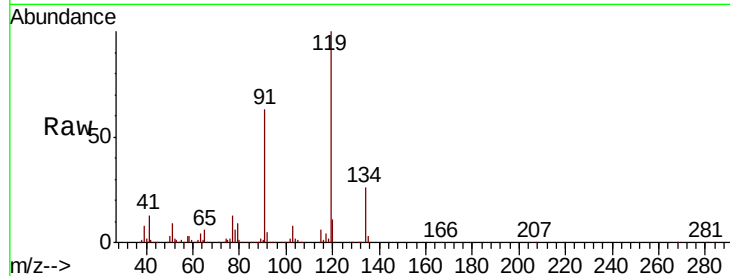
#83  
 tert-Butylbenzene  
 Concen: 50.689 ug/l  
 RT: 13.23 min Scan# 1922  
 Delta R.T. -0.01 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 61.3  | 30.8  | 92.4  |
| 134     | 27.1  | 12.8  | 38.3  |

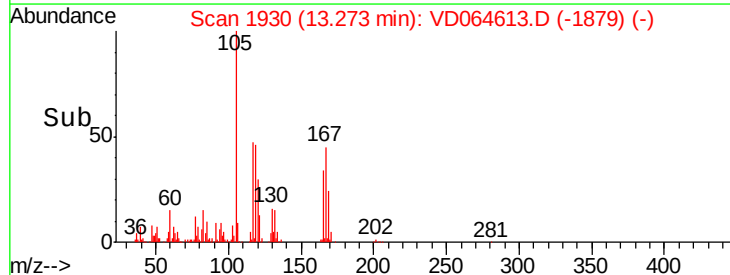
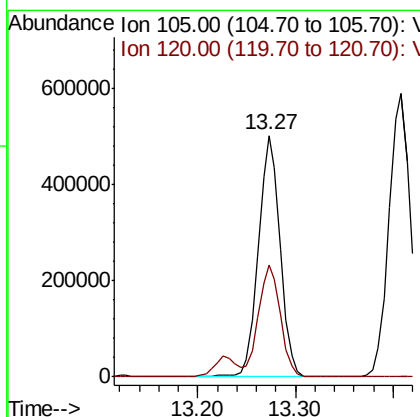
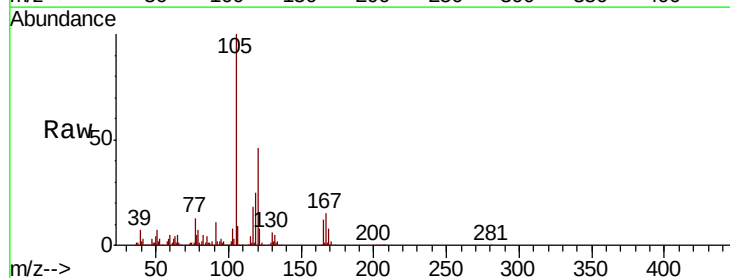
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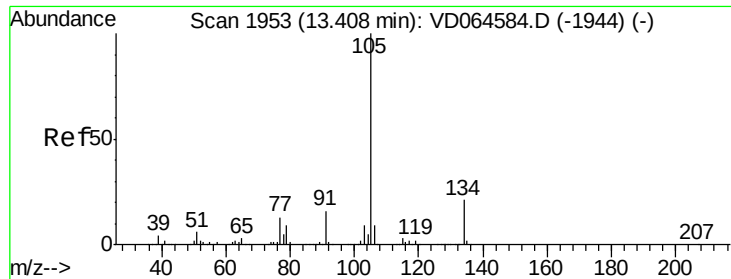
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.941 ug/l  
 RT: 13.27 min Scan# 1930  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 47.1  | 23.8  | 71.2  |





#85

sec-Butylbenzene

Concen: 49.444 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 908963

Ion Ratio Lower Upper

105 100

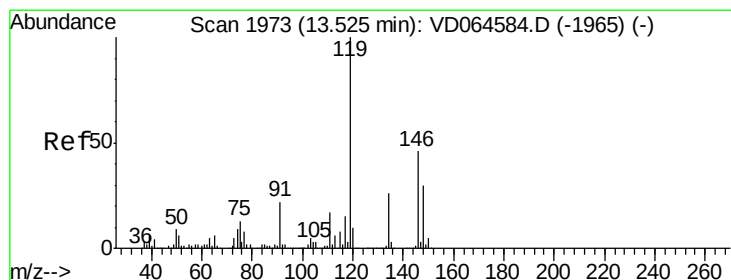
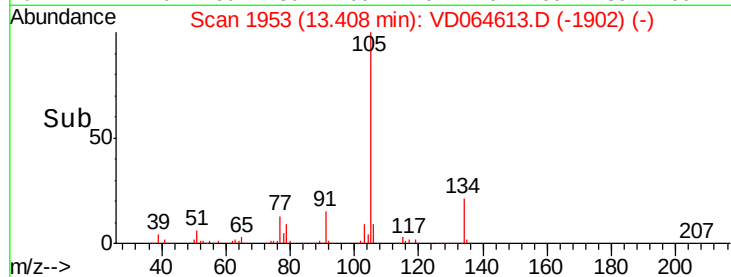
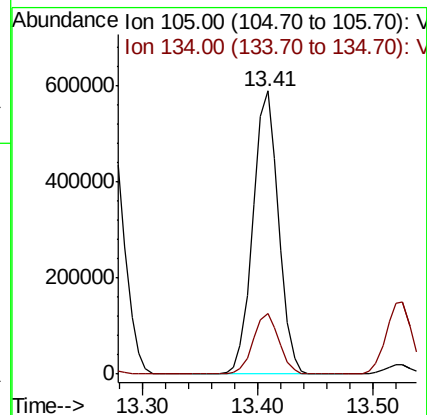
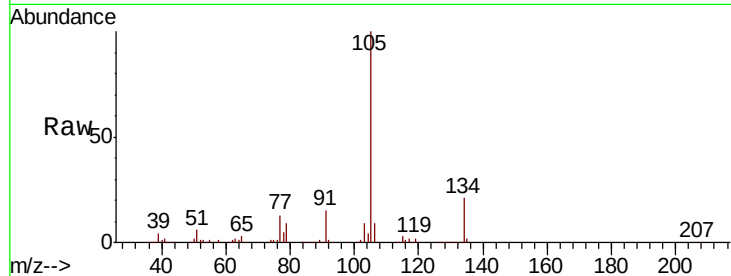
134 21.5 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 49.896 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

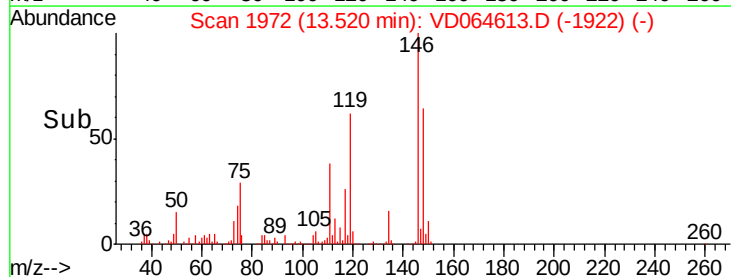
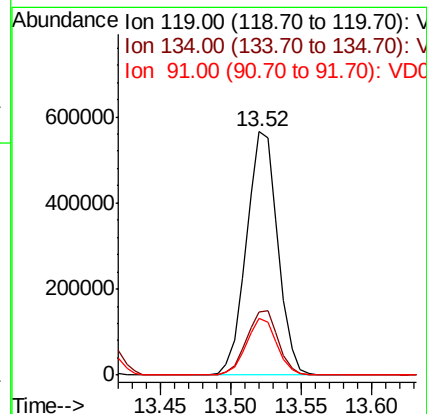
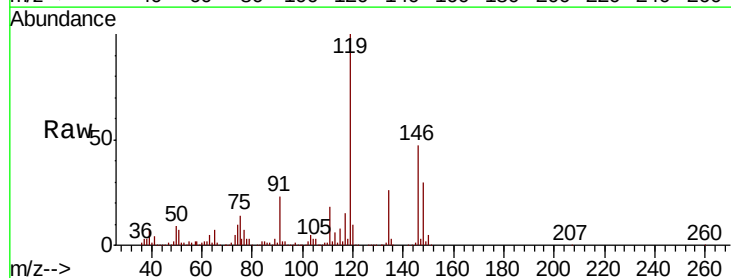
Tgt Ion:119 Resp: 877087

Ion Ratio Lower Upper

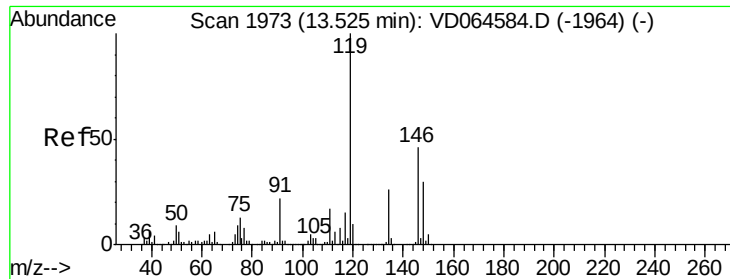
119 100

134 26.8 13.4 40.1

91 22.4 11.2 33.6







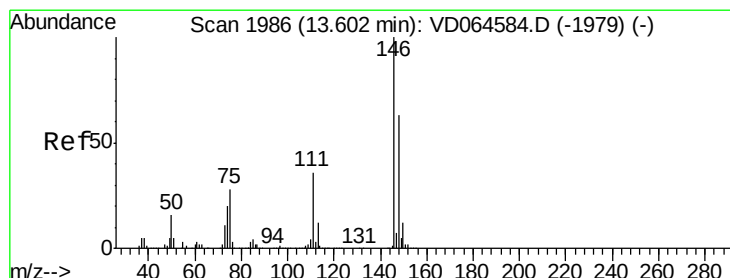
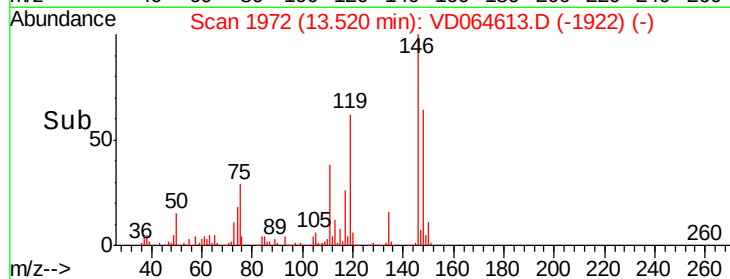
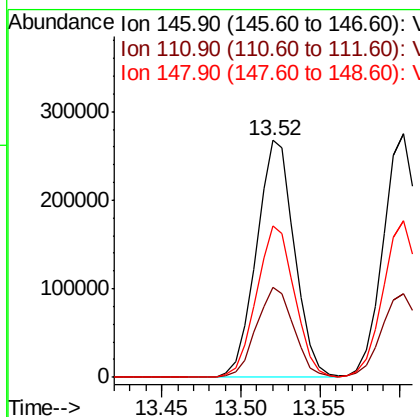
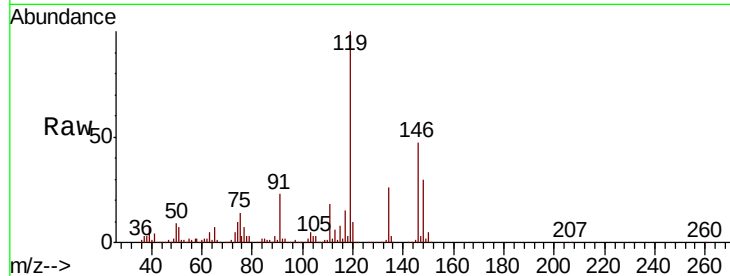
#87  
 1,3-Dichlorobenzene  
 Concen: 50.630 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.01 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 445885 |       |       |
| 111     | 37.4  | 18.8   | 56.4  |       |
| 148     | 63.8  | 32.5   | 97.5  |       |

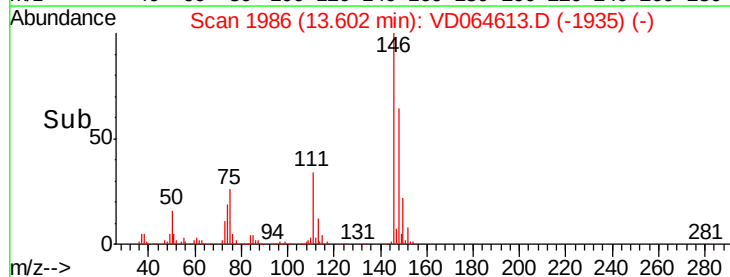
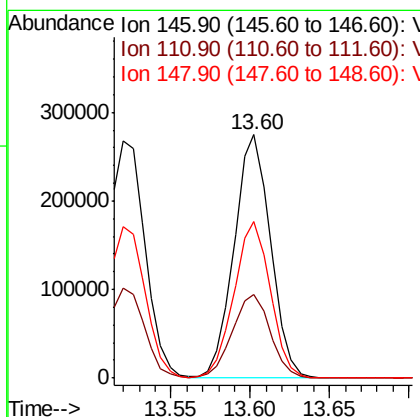
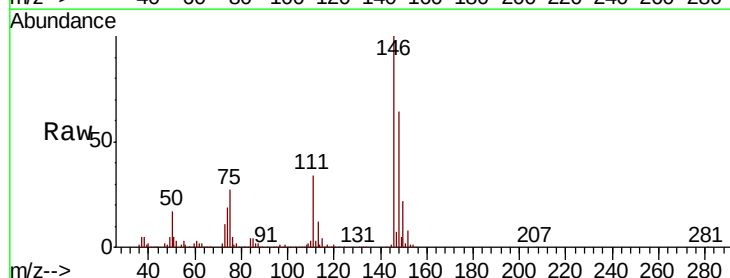
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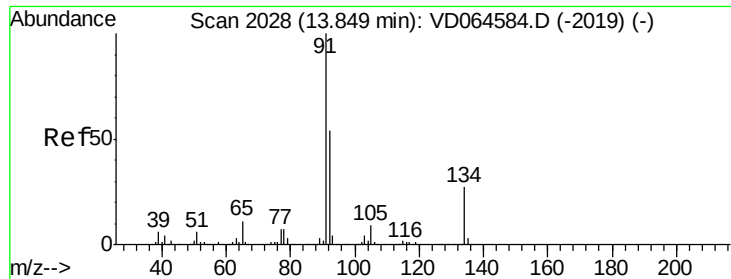
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#88  
 1,4-Dichlorobenzene  
 Concen: 50.759 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 439146 |       |       |
| 111     | 35.7  | 18.1   | 54.1  |       |
| 148     | 64.2  | 32.3   | 96.9  |       |





#89

n-Butylbenzene

Concen: 49.723 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

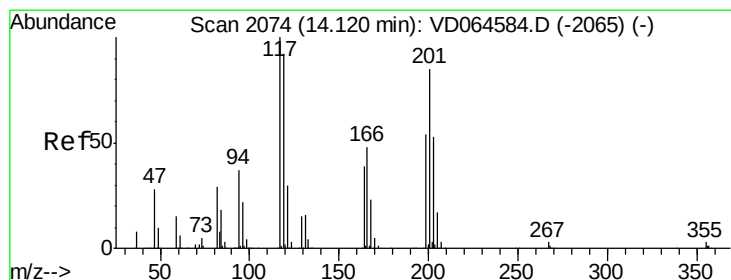
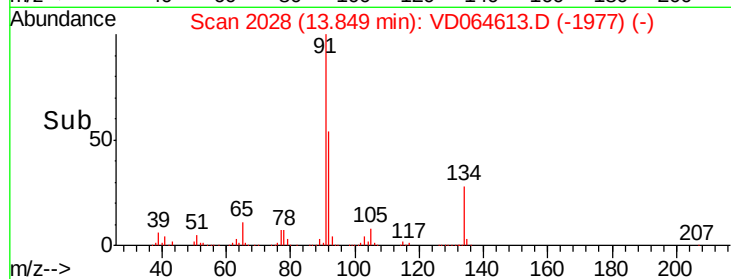
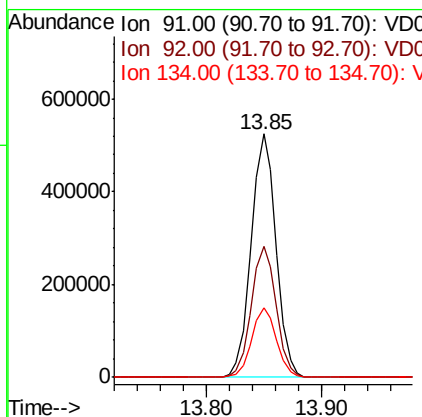
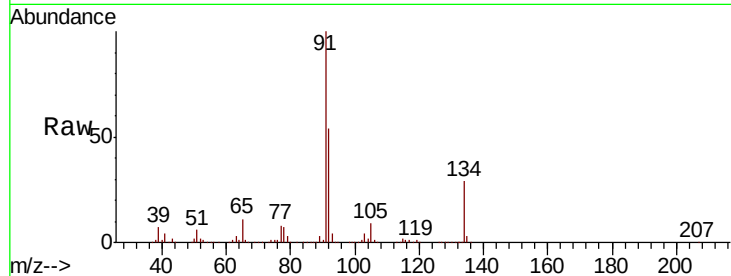
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 91    | Resp: | 787110 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 53.6  | 26.8  | 80.4   |
| 134       | 28.4  | 14.0  | 41.9   |

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#90

Hexachloroethane

Concen: 49.003 ug/l

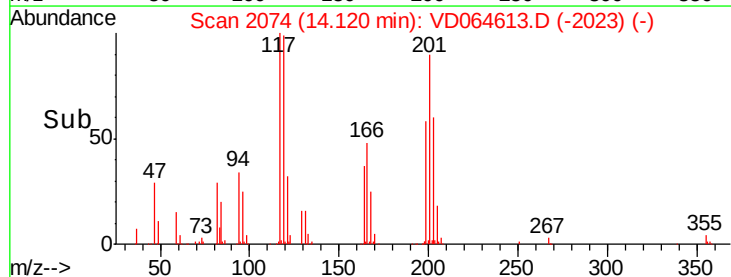
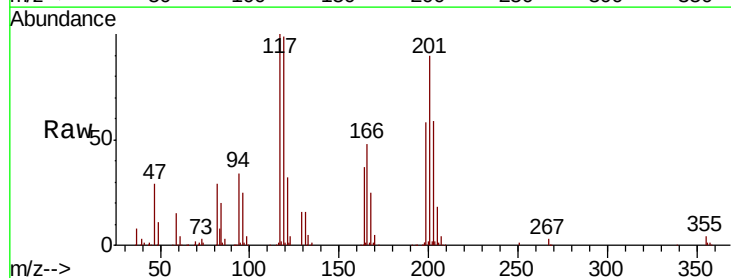
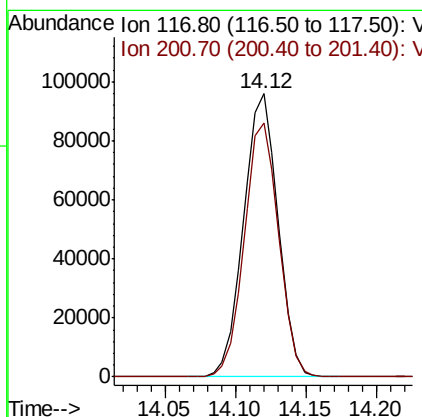
RT: 14.12 min Scan# 2074

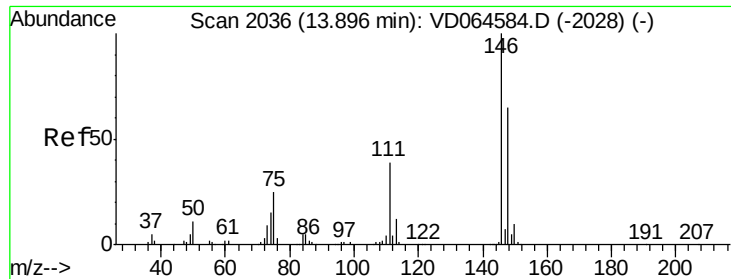
Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 164543 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 201       | 89.5  | 44.0  | 131.8  |





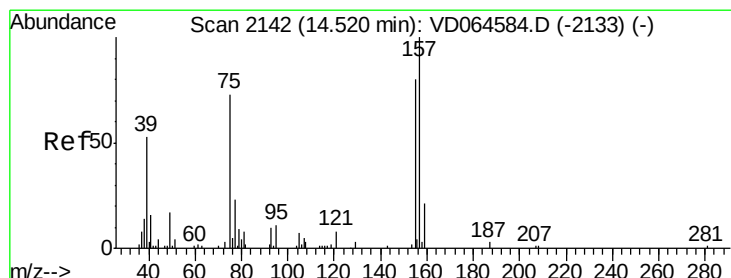
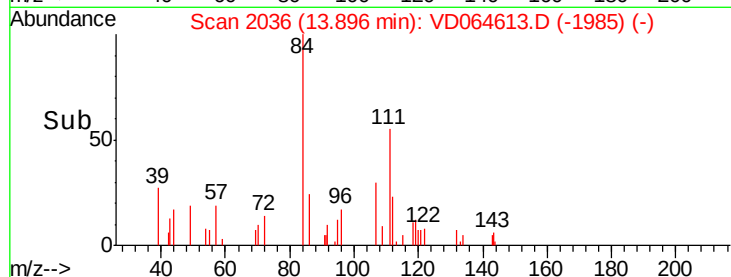
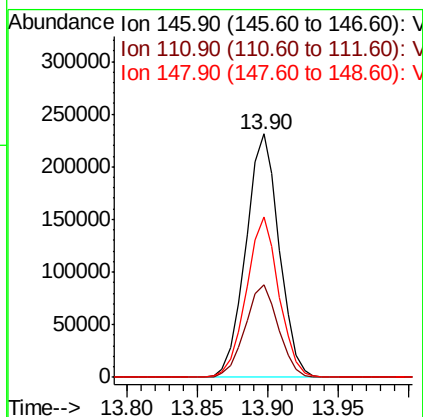
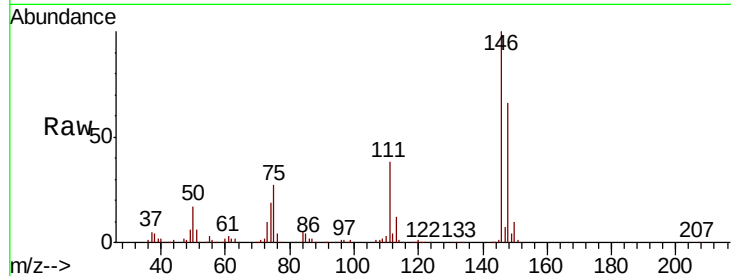
#91  
 1,2-Dichlorobenzene  
 Concen: 50.850 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.0  | 19.3  | 57.9  |
| 148     | 64.3  | 31.9  | 95.5  |

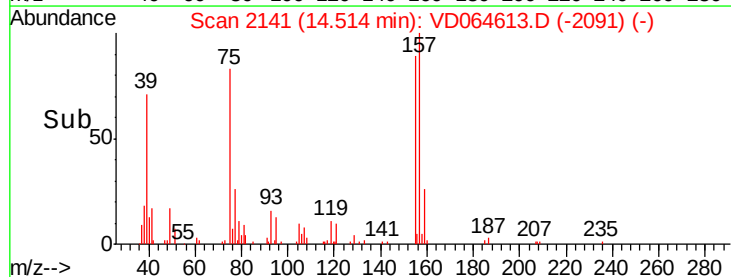
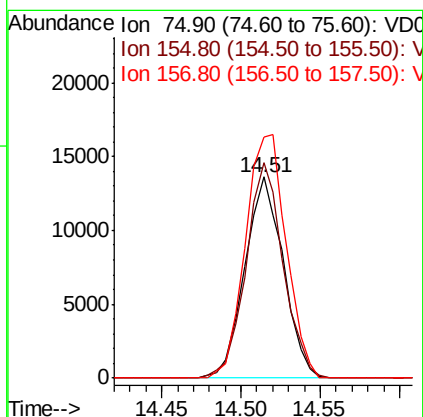
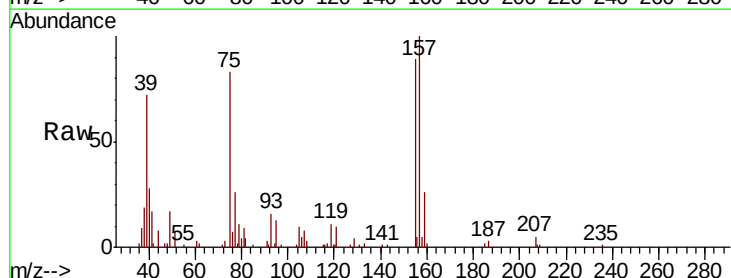
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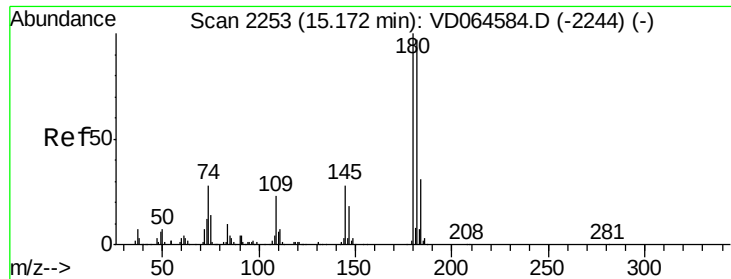
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.952 ug/l  
 RT: 14.51 min Scan# 2141  
 Delta R.T. -0.01 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 103.5 | 48.0  | 144.0 |
| 157     | 128.5 | 64.1  | 192.3 |





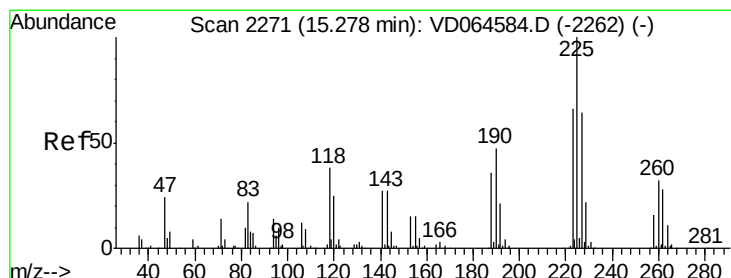
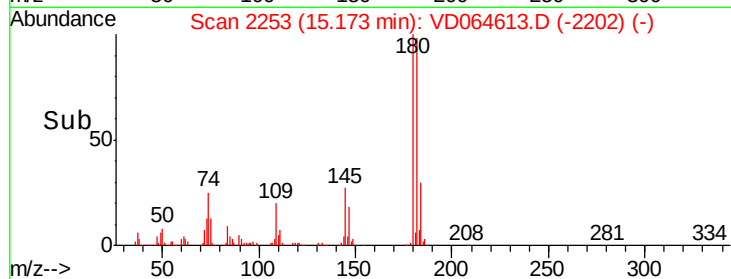
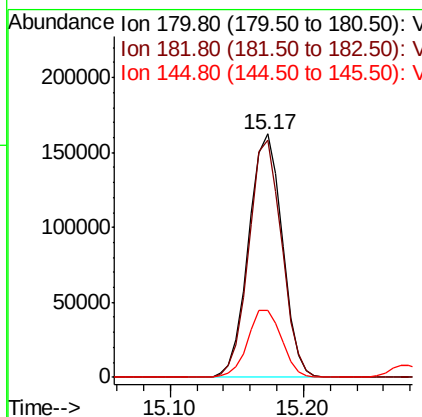
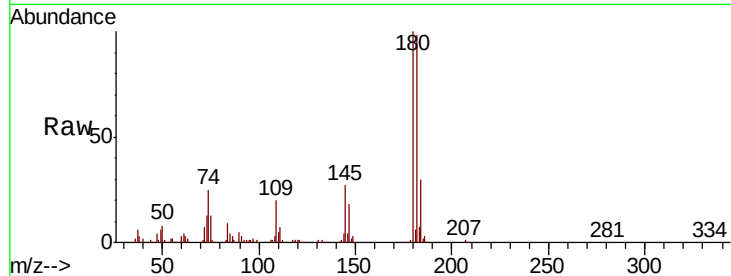
#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.888 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 281380 |       |       |
| 182     | 95.7  | 48.0   | 144.2 |       |
| 145     | 27.9  | 13.8   | 41.4  |       |

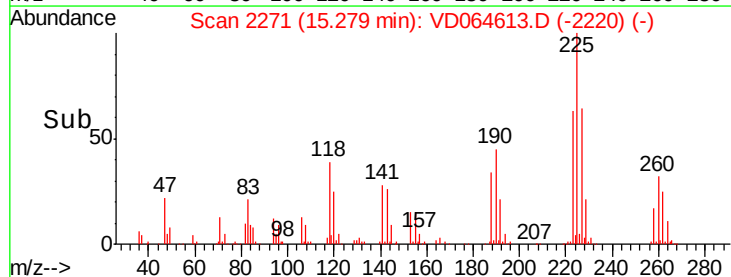
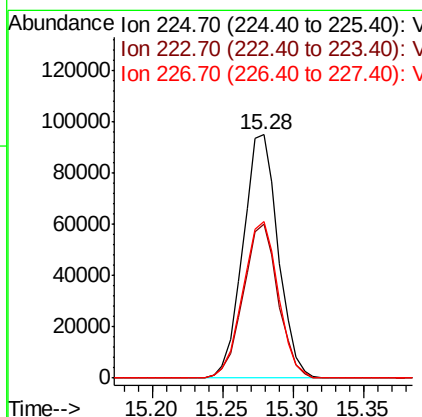
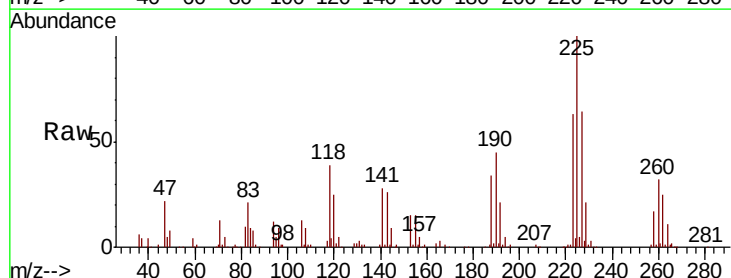
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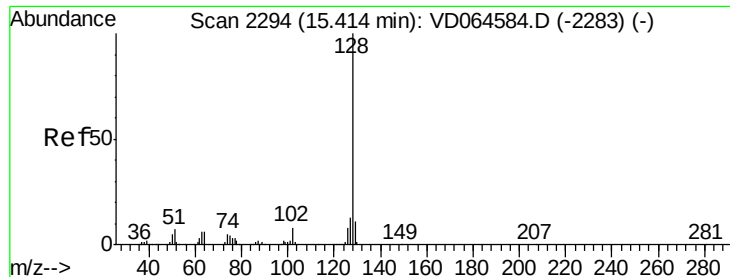
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#94  
 Hexachlorobutadiene  
 Concen: 47.524 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 165360 |       |       |
| 223     | 62.8  | 31.1   | 93.2  |       |
| 227     | 64.9  | 30.9   | 92.7  |       |





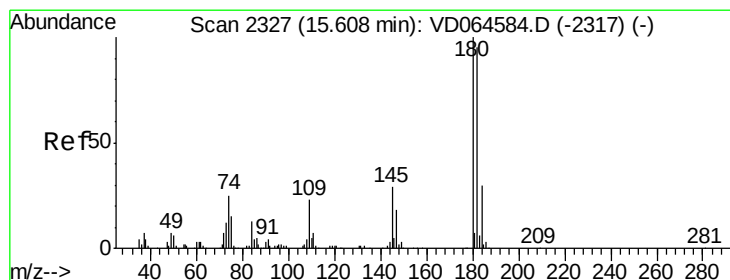
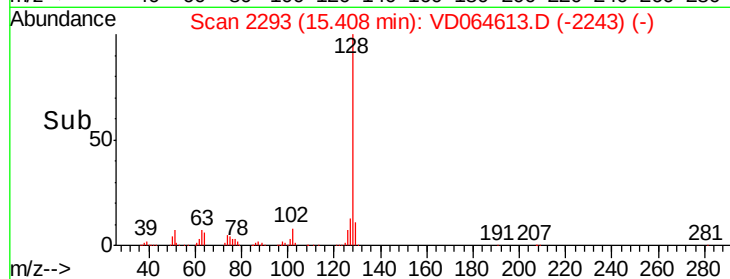
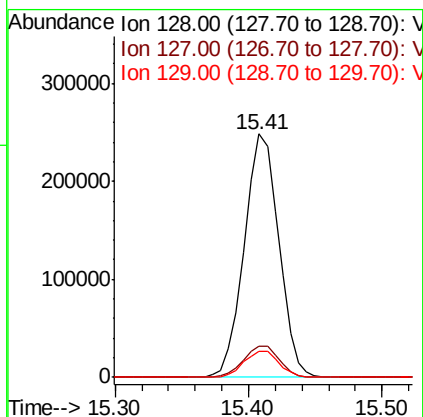
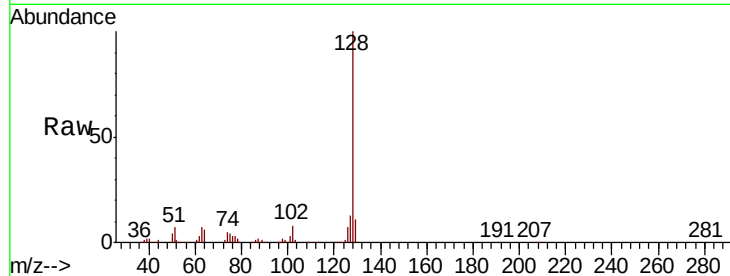
#95  
Naphthalene  
Concen: 50.759 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. -0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.3  | 10.3  | 15.5  |
| 129     | 11.0  | 8.5   | 12.7  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 50.213 ug/l  
RT: 15.60 min Scan# 2326  
Delta R.T. -0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.0  | 47.9  | 143.7 |
| 145     | 29.4  | 14.9  | 44.7  |

