

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122419\  
 Data File : VD064586.D  
 Acq On : 24 Dec 2019 12:42  
 Operator : VA/SY  
 Sample : VSTDICC150  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC150

Manual Integrations  
 APPROVED

apatel  
 12/26/2019 11:14:03 AM

Quant Time: Dec 24 13:20:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122419S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 24 12:11:16 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 460178   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 668151   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 598709   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 309952   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.34   | 65  | 600039   | 146.16 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 292.32% |      |
| 35) Dibromofluoromethane  | 7.92   | 113 | 580457   | 139.38 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 278.76% |      |
| 50) Toluene-d8            | 10.34  | 98  | 2339702  | 149.67 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 299.34% |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 730795   | 146.93 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 293.86% |      |

## Target Compounds

|                               |      |     |         |          |      | Qvalue |
|-------------------------------|------|-----|---------|----------|------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 462064  | 122.310  | ug/l | 95     |
| 3) Chloromethane              | 2.21 | 50  | 641122  | 120.184  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.35 | 62  | 808221  | 126.219  | ug/l | 97     |
| 5) Bromomethane               | 2.74 | 94  | 617266  | 133.201  | ug/l | 96     |
| 6) Chloroethane               | 2.91 | 64  | 546195  | 127.892  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 1341463 | 123.733  | ug/l | 99     |
| 8) Diethyl Ether              | 3.70 | 74  | 266495  | 123.986  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 557092  | 124.108  | ug/l | 100    |
| 10) Methyl Iodide             | 4.29 | 142 | 737806  | 168.404  | ug/l | 99     |
| 11) Tert butyl alcohol        | 5.26 | 59  | 166251  | 1007.051 | ug/l | 96     |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 538201  | 126.645  | ug/l | 99     |
| 13) Acrolein                  | 3.92 | 56  | 222295  | 670.094  | ug/l | 98     |
| 14) Allyl chloride            | 4.71 | 41  | 876567  | 134.111  | ug/l | 99     |
| 15) Acrylonitrile             | 5.43 | 53  | 587359  | 668.638  | ug/l | 100    |
| 16) Acetone                   | 4.17 | 43  | 486990  | 543.336  | ug/l | 95     |
| 17) Carbon Disulfide          | 4.40 | 76  | 1741876 | 126.764  | ug/l | 100    |
| 18) Methyl Acetate            | 4.73 | 43  | 309365  | 129.019  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 1279699 | 138.866  | ug/l | 97     |
| 20) Methylene Chloride        | 4.96 | 84  | 579257  | 109.418  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 637793  | 133.232  | ug/l | 97     |
| 22) Diisopropyl ether         | 6.37 | 45  | 1770387 | 136.421  | ug/l | 97     |
| 23) Vinyl Acetate             | 6.31 | 43  | 5322474 | 744.126  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 1046554 | 133.509  | ug/l | 98     |
| 25) 2-Butanone                | 7.22 | 43  | 762434  | 662.609  | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 957905  | 130.543  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 696350  | 135.620  | ug/l | 99     |
| 28) Bromochloromethane        | 7.55 | 49  | 414014  | 137.578  | ug/l | 96     |
| 29) Tetrahydrofuran           | 7.57 | 42  | 479790  | 672.805  | ug/l | 100    |
| 30) Chloroform                | 7.71 | 83  | 1090590 | 132.165  | ug/l | 97     |
| 31) Cyclohexane               | 7.99 | 56  | 953800  | 117.567  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97  | 1026114 | 132.654  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 878873  | 132.246  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.30 | 43  | 349467  | 134.817  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 975745  | 140.136  | ug/l | 98     |

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDICC150

Manual Integrations  
 APPROVED

apatel  
 12/26/2019 11:14:03 AM

Quant Time: Dec 24 13:20:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122419S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 24 12:11:16 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 1088816  | 137.239  | ug/l   | 98       |
| 40) Benzene                    | 8.35  | 78   | 2493476  | 139.614  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.53  | 41   | 198118   | 130.150  | ug/l   | 92       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 701278   | 134.982  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 696556   | 135.656  | ug/l   | 100      |
| 44) Trichloroethene            | 9.11  | 130  | 705395   | 132.483  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 579199   | 134.271  | ug/l   | 99       |
| 46) Dibromomethane             | 9.48  | 93   | 324248   | 135.471  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.66  | 83   | 843817   | 131.318  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.46  | 41   | 321641   | 131.600  | ug/l   | 91       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 71785    | 2573.816 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 1767983  | 702.697  | ug/l   | 99       |
| 52) Toluene                    | 10.40 | 92   | 1675879  | 144.222  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 837455   | 143.520  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 987362   | 142.679  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 429793   | 131.797  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 576720   | 145.771  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 743895   | 133.288  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 1012458  | 654.246  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 1189775  | 699.814  | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.14 | 129  | 610732   | 137.347  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 432870   | 136.259  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.88 | 164  | 619524   | 129.866  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.67 | 112  | 1751931  | 137.332  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 673799   | 142.110  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.75 | 91   | 3221292  | 140.482  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.86 | 106  | 2499479  | 282.968  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 1137764  | 143.289  | ug/l   | 99       |
| 70) Styrene                    | 12.20 | 104  | 2058554  | 149.336  | ug/l   | 99       |
| 71) Bromoform                  | 12.36 | 173  | 376023   | 138.087  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 3112509  | 137.082  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 671248   | 139.539  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 455934   | 124.858  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 348010m  | 80.364   | ug/l   |          |
| 77) Bromobenzene               | 12.77 | 156  | 741911   | 131.843  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.83 | 91   | 3598919  | 135.579  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 1946483  | 132.565  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 2578481  | 138.626  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 163575   | 136.236  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 2127263  | 137.192  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.23 | 119  | 2243146  | 139.236  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 2596898  | 140.934  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.41 | 105  | 3051883  | 138.111  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 2952396  | 140.586  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 1462447  | 137.897  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 1401027  | 132.953  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 2647832  | 139.298  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.12 | 117  | 527360   | 127.246  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 1218125  | 133.165  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 72605    | 121.703  | ug/l   | 97       |

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Sample : VSTDICC150  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC150

Manual Integrations  
APPROVED

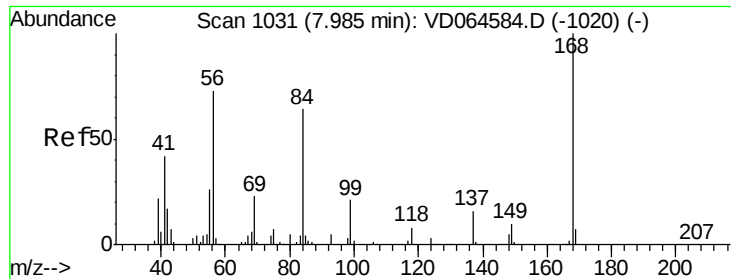
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12/26/2019 11:14:03 AM

Quant Time: Dec 24 13:20:31 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D122419S.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 24 12:11:16 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 892459   | 132.253 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 552000   | 129.599 | ug/l  | 99       |
| 95) Naphthalene            | 15.41 | 128  | 1454518  | 139.205 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.61 | 180  | 752020   | 130.527 | ug/l  | 100      |

(#) = 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: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 460178

Ion Ratio Lower Upper

168 100

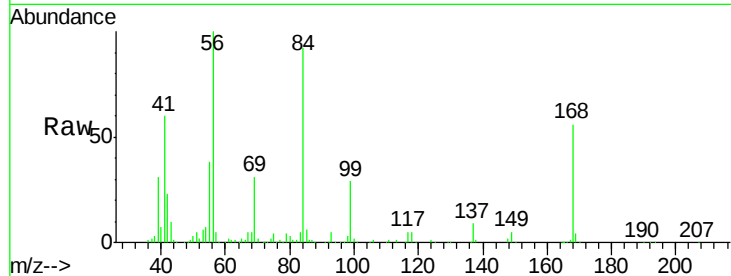
99 51.8 41.8 62.6

Manual Integrations

APPROVED

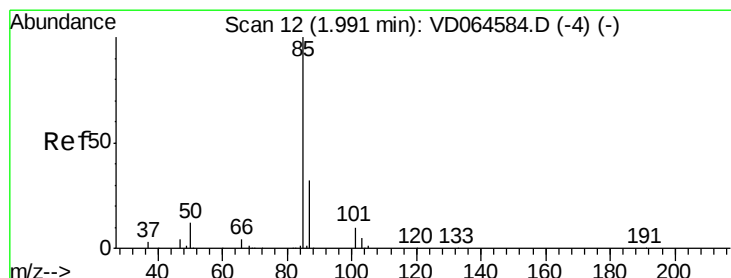
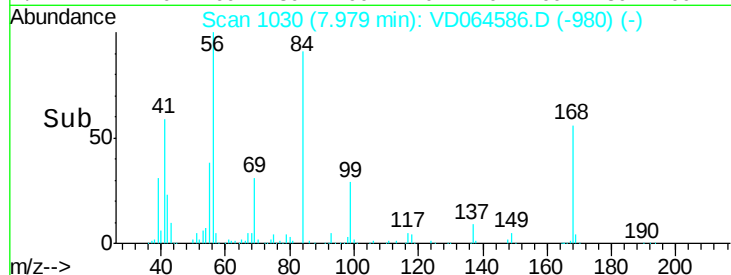
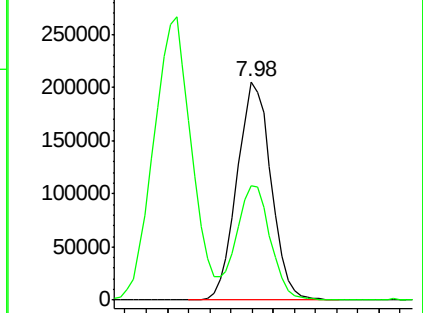
apatel

12/26/2019 11:14:03 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 122.310 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064586.D

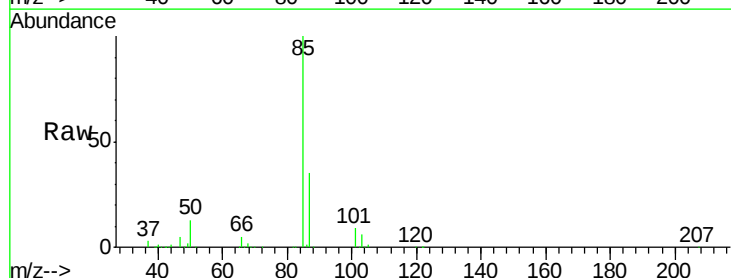
Acq: 24 Dec 2019 12:42

Tgt Ion: 85 Resp: 462064

Ion Ratio Lower Upper

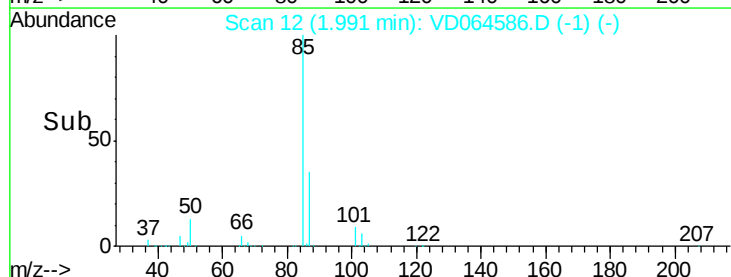
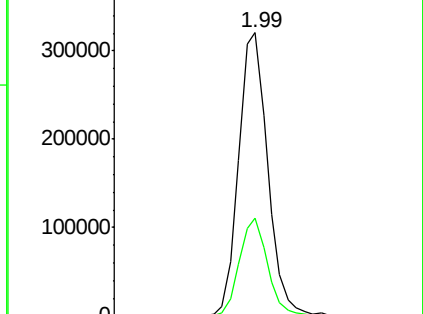
85 100

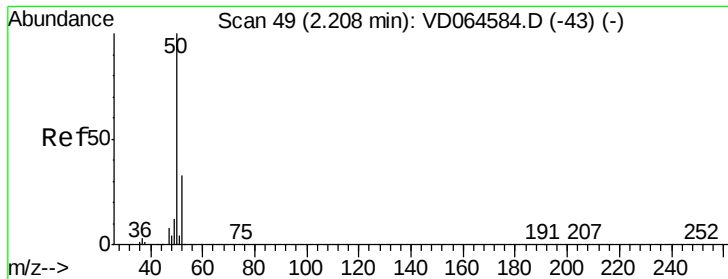
87 34.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 120.184 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 641122

Ion Ratio Lower Upper

50 100

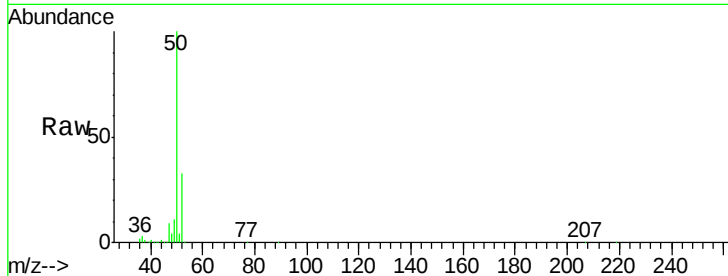
52 32.8 26.5 39.7

Manual Integrations

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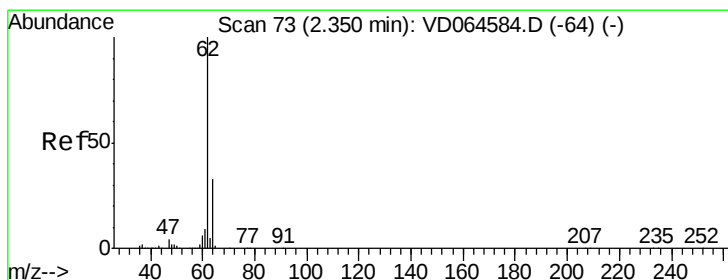
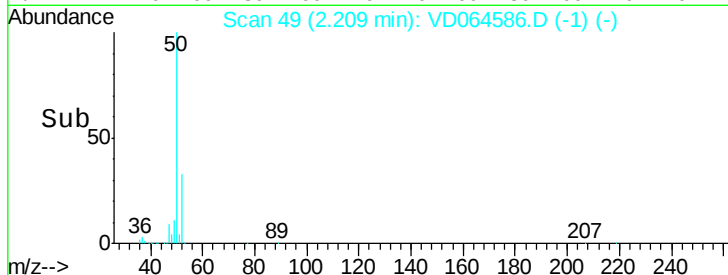
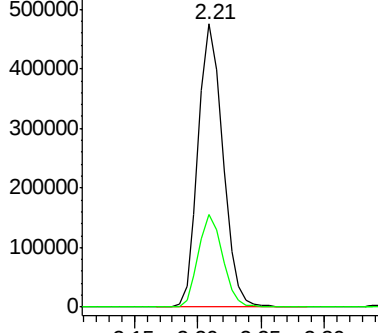
apatel

12/26/2019 11:14:03 AM



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 126.219 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064586.D

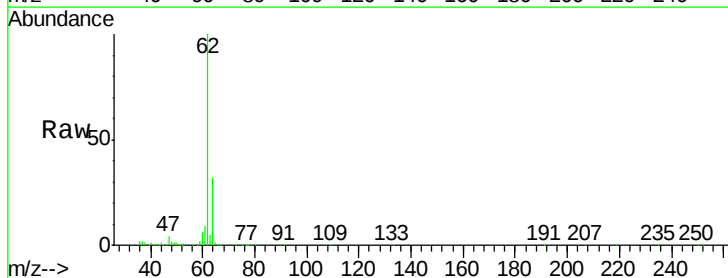
Acq: 24 Dec 2019 12:42

Tgt Ion: 62 Resp: 808221

Ion Ratio Lower Upper

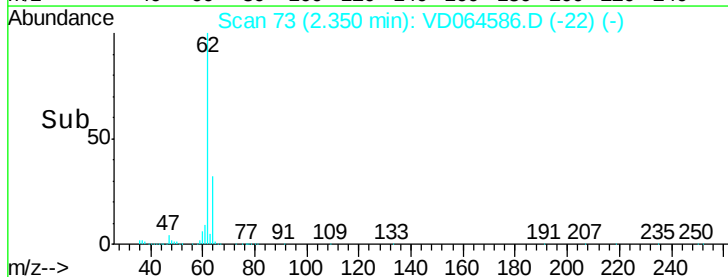
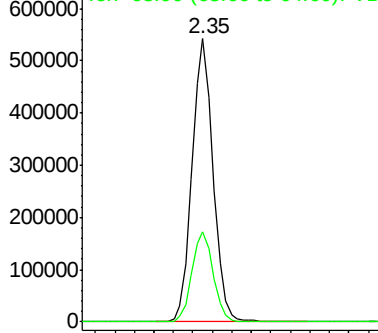
62 100

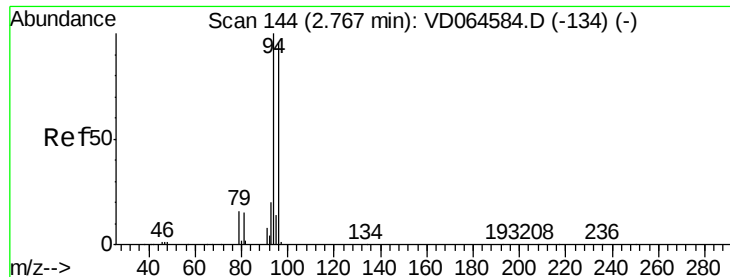
64 31.8 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 133.201 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.02 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 617266

Ion Ratio Lower Upper

94 100

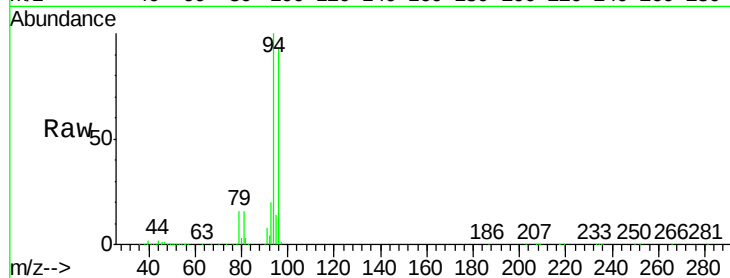
96 92.6 77.2 115.8

Manual Integrations

APPROVED

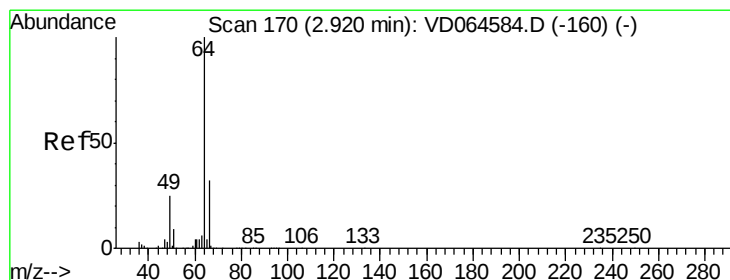
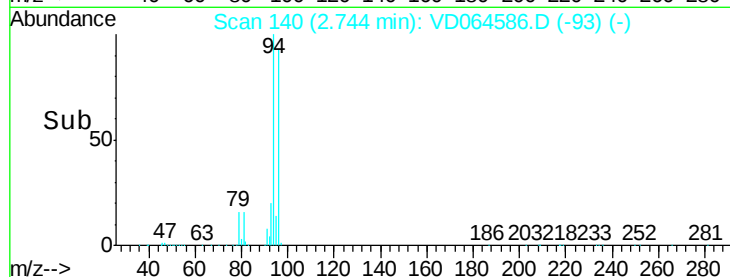
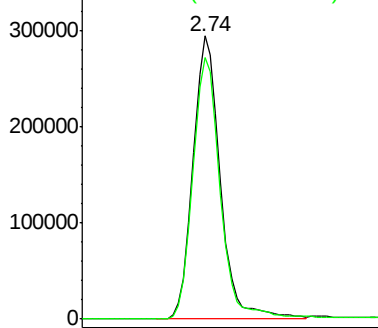
apatel

12/26/2019 11:14:03 AM



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 127.892 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD064586.D

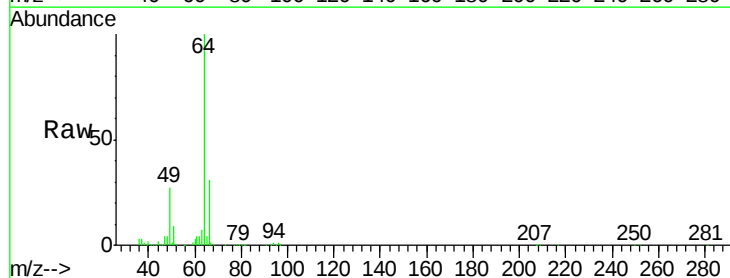
Acq: 24 Dec 2019 12:42

Tgt Ion: 64 Resp: 546195

Ion Ratio Lower Upper

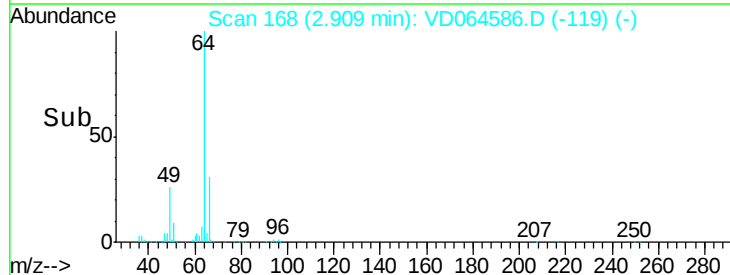
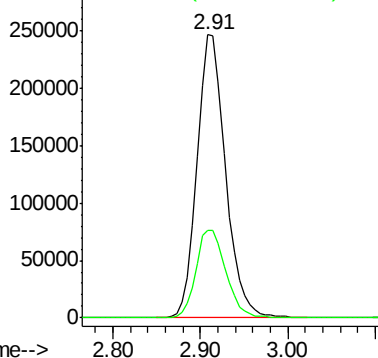
64 100

66 31.0 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

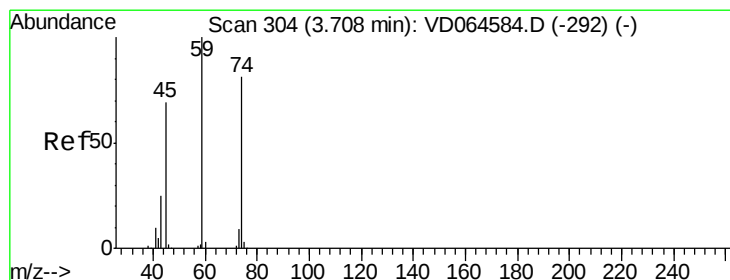
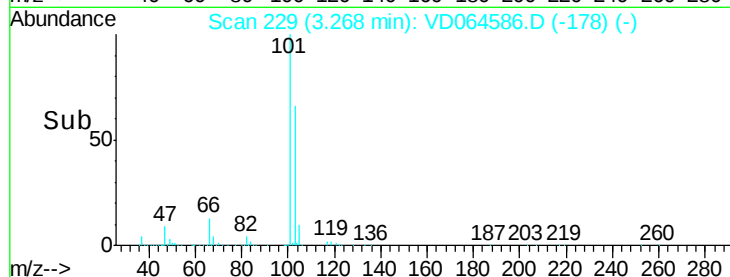
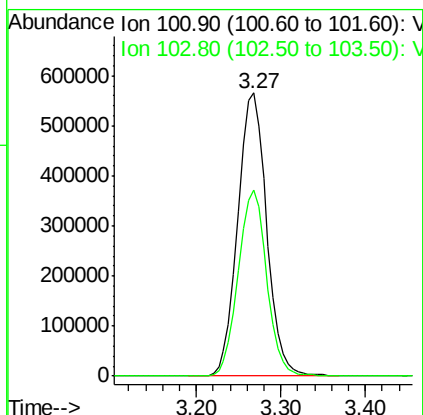
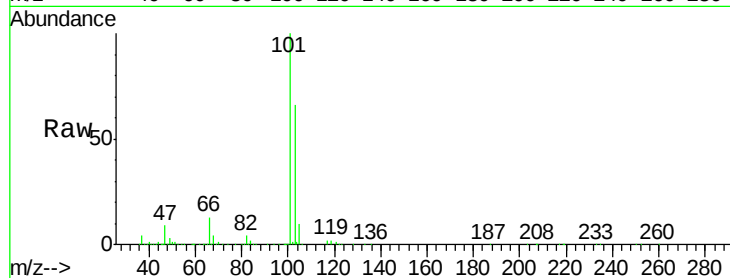
Trichlorofluoromethane  
Concen: 123.733 ug/l  
RT: 3.27 min Scan# 229  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion:101 Resp: 1341463  
Ion Ratio Lower Upper  
101 100  
103 65.8 52.2 78.4

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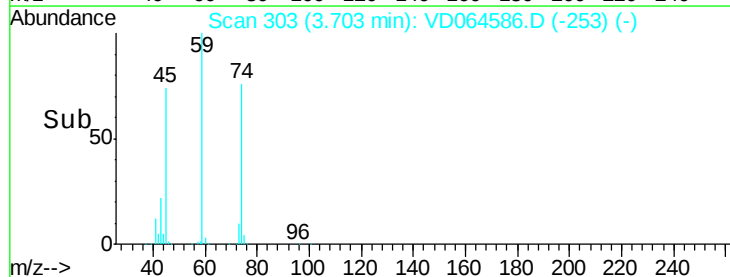
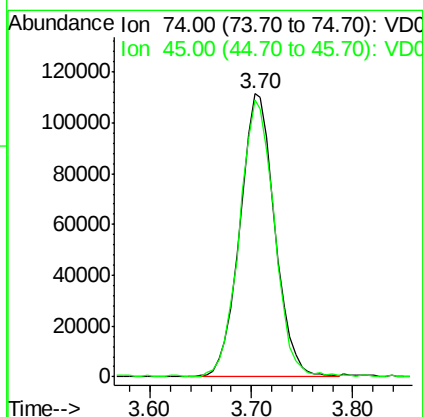
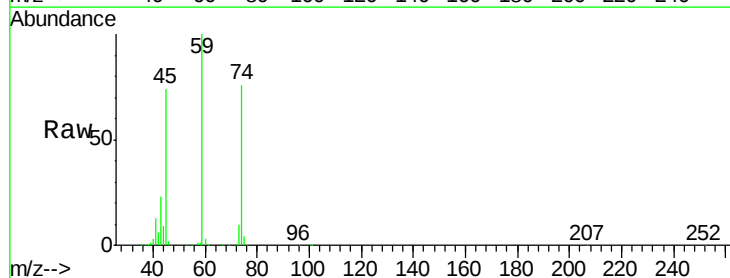
apatel  
12/26/2019 11:14:03 AM



#8

Diethyl Ether  
Concen: 123.986 ug/l  
RT: 3.70 min Scan# 303  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 74 Resp: 266495  
Ion Ratio Lower Upper  
74 100  
45 97.0 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 124.108 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

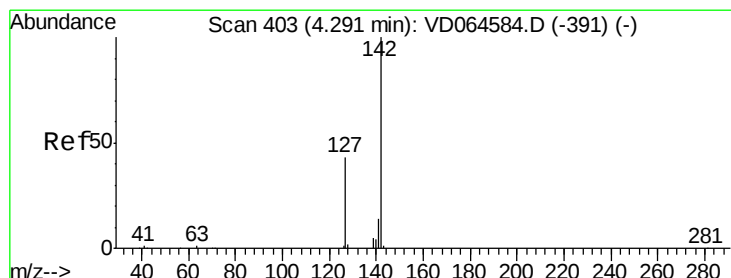
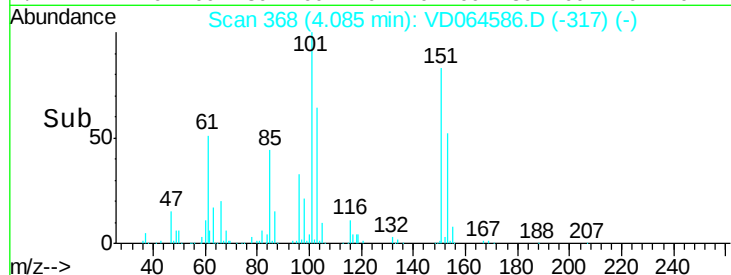
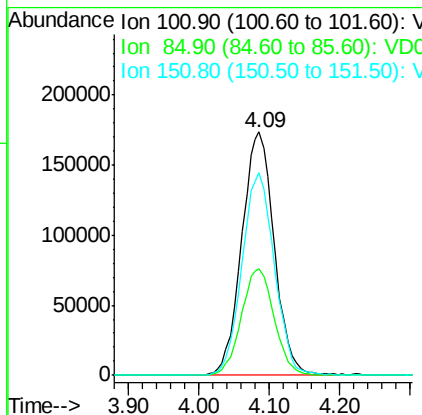
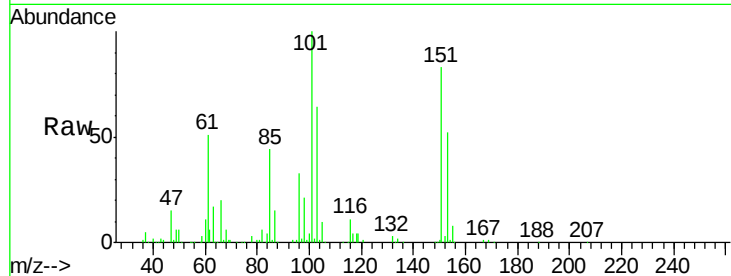
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 557092 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.3  | 35.2  | 52.8   |
| 151       | 83.0  | 66.2  | 99.4   |

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#10

Methyl Iodide

Concen: 168.404 ug/l

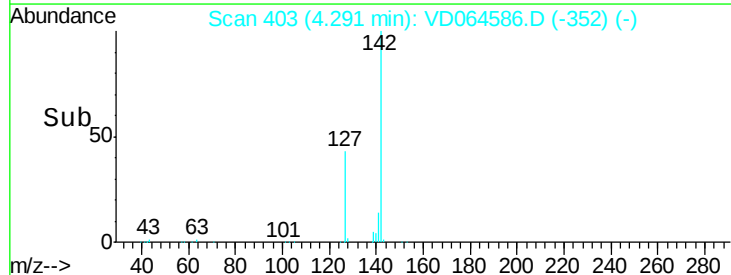
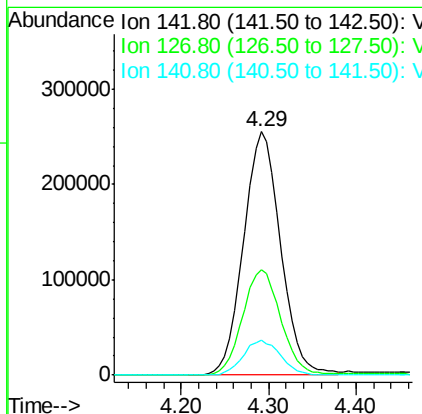
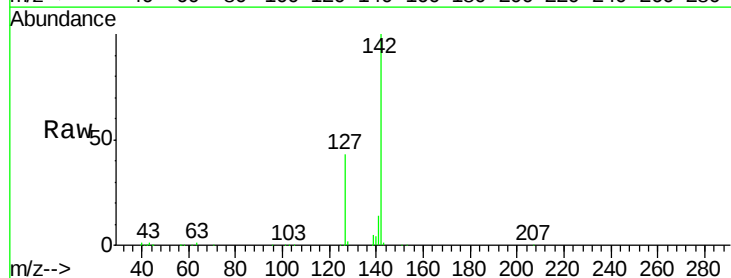
RT: 4.29 min Scan# 403

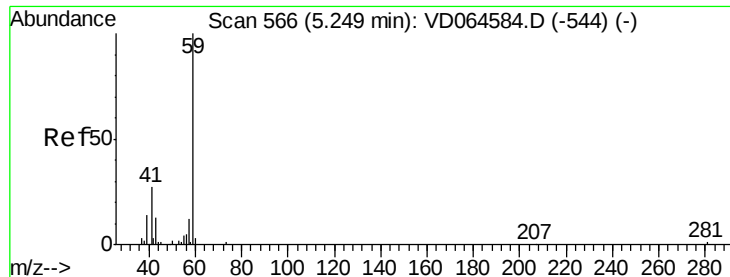
Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 737806 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 44.7  | 36.2  | 54.4   |
| 141       | 14.7  | 11.8  | 17.8   |





#11

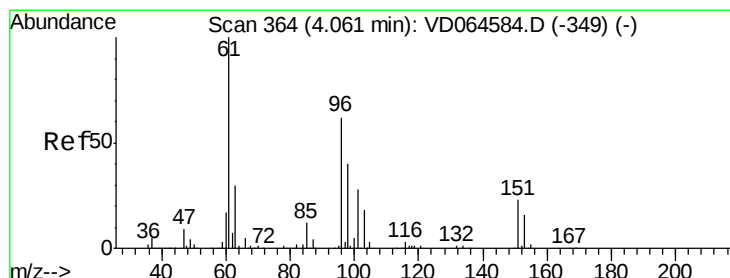
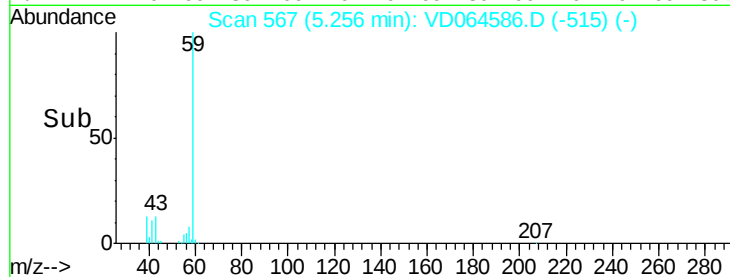
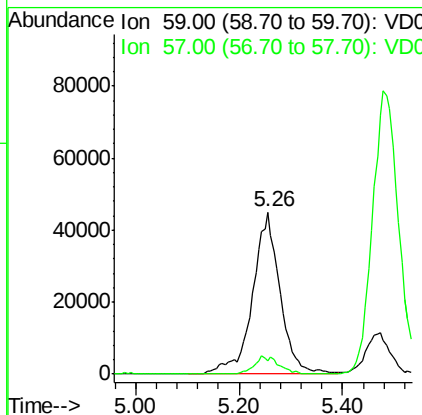
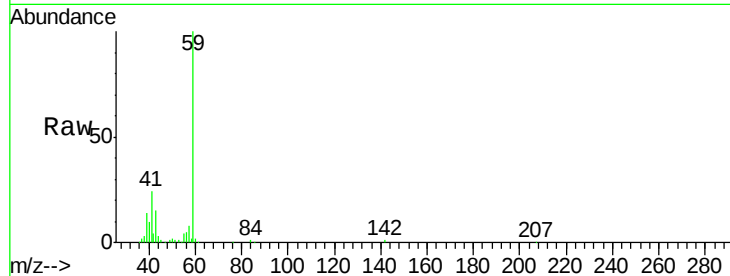
Tert butyl alcohol  
Concen: 1007.051 ug/l  
RT: 5.26 min Scan# 567  
Delta R.T. 0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 59      | 59  | 100   | 166251 |       |       |
| 57      | 57  | 9.9   |        | 9.3   | 13.9  |

Manual Integrations  
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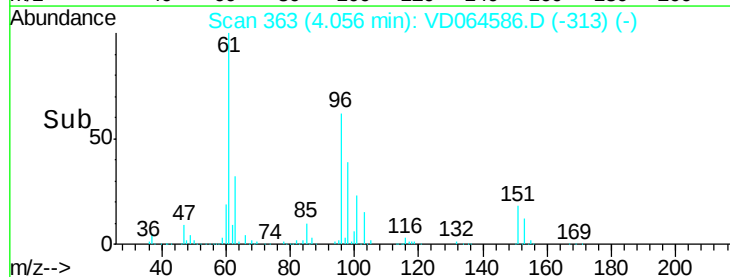
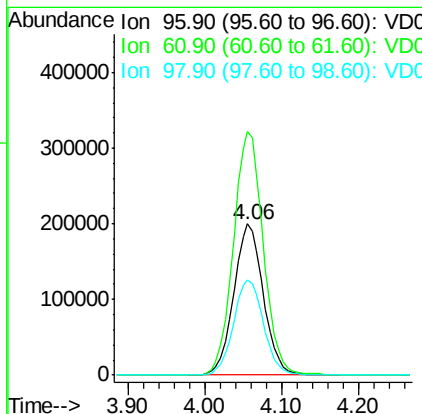
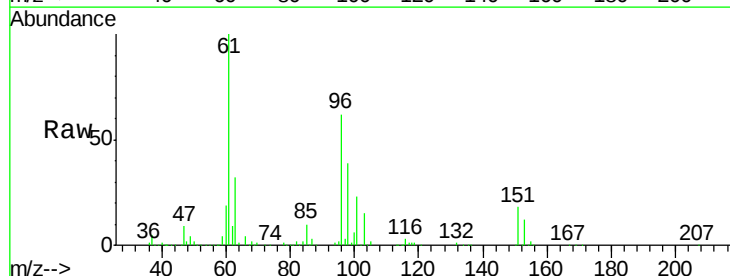
apatel  
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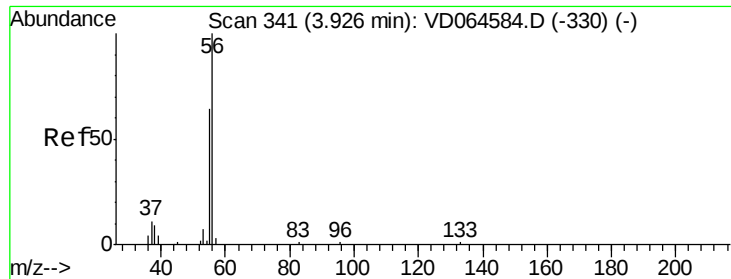


#12

1,1-Dichloroethene  
Concen: 126.645 ug/l  
RT: 4.06 min Scan# 363  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 96      | 96  | 100   | 538201 |       |       |
| 61      | 61  | 161.2 |        | 129.4 | 194.0 |
| 98      | 98  | 63.1  |        | 51.4  | 77.0  |





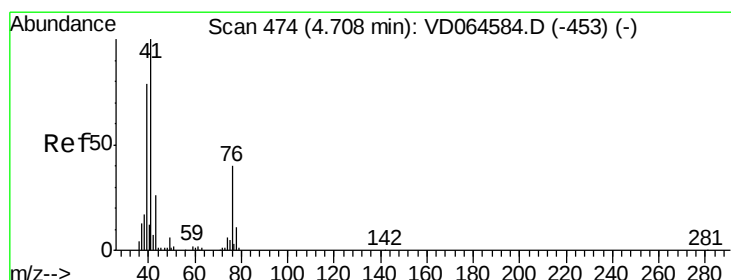
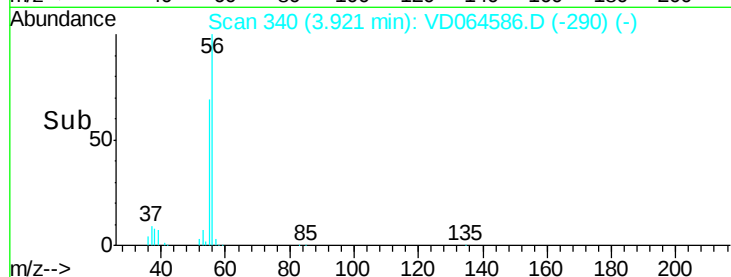
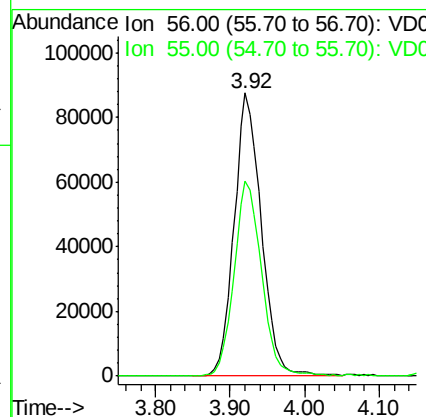
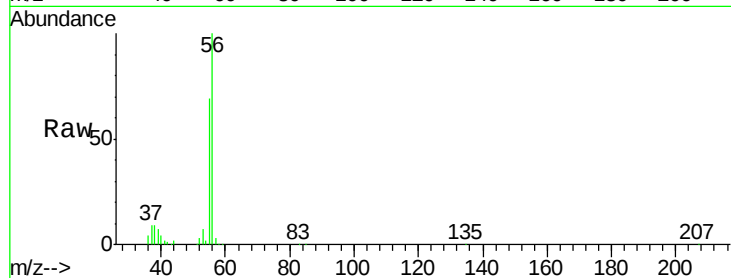
#13  
Acrolein  
Concen: 670.094 ug/l  
RT: 3.92 min Scan# 340  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 69.7  | 56.7  | 85.1  |

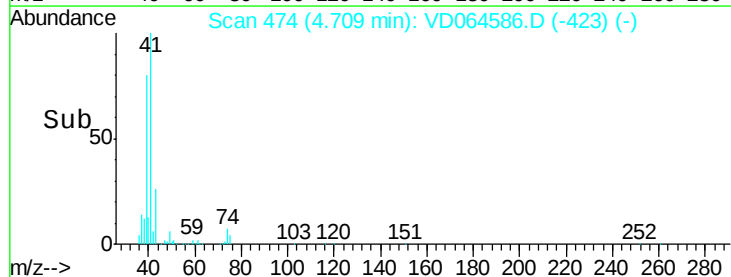
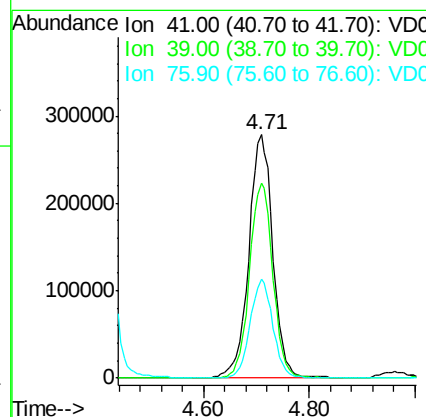
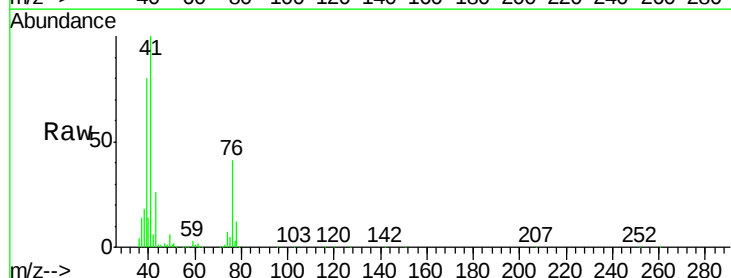
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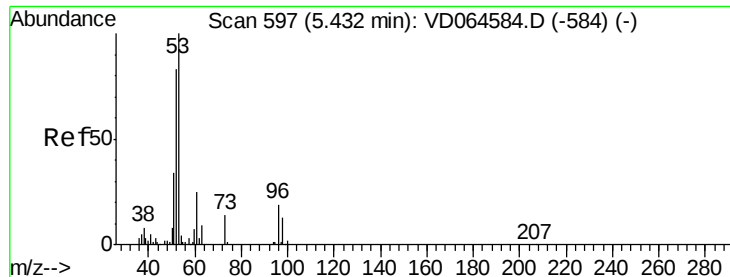
apatel  
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#14  
Allyl chloride  
Concen: 134.111 ug/l  
RT: 4.71 min Scan# 474  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 78.2  | 62.3  | 93.5  |
| 76      | 38.0  | 29.7  | 44.5  |





#15

Acrylonitrile

Concen: 668.638 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

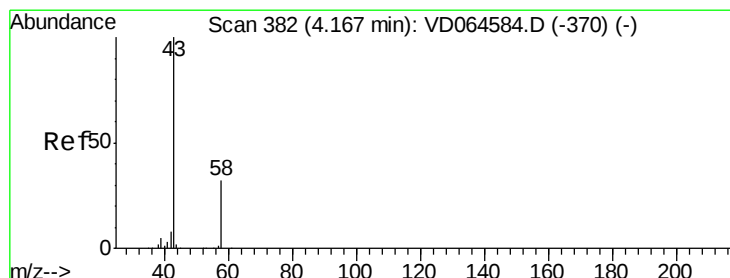
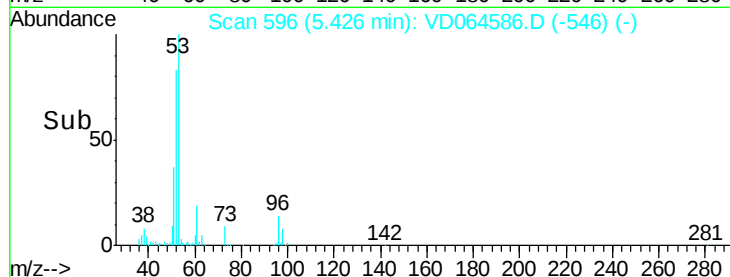
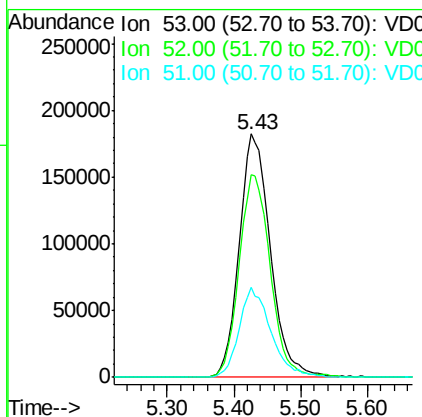
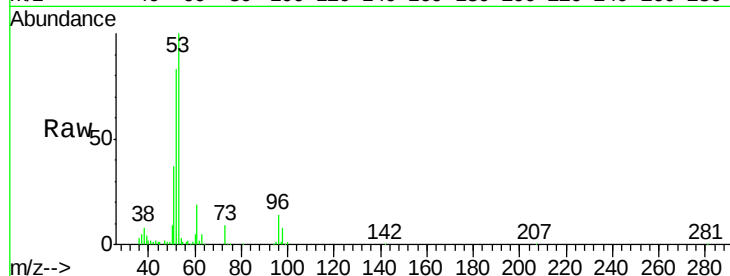
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 587359 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.2  | 66.2  | 99.2   |
| 51        | 37.7  | 30.1  | 45.1   |

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#16

Acetone

Concen: 543.336 ug/l

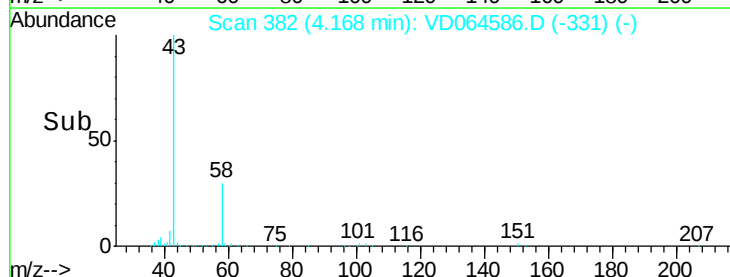
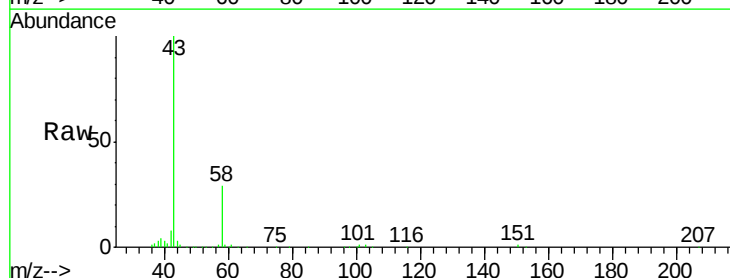
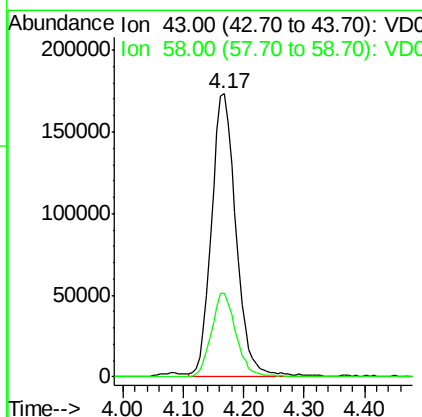
RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 486990 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 29.5  | 25.8  | 38.6   |





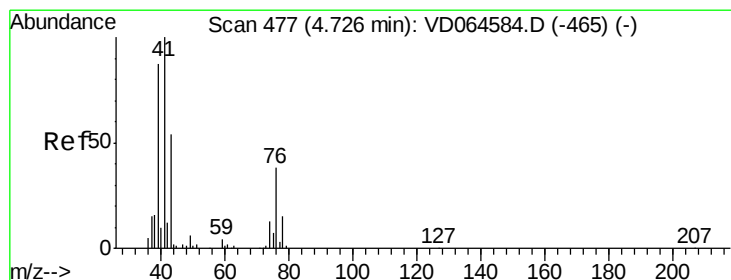
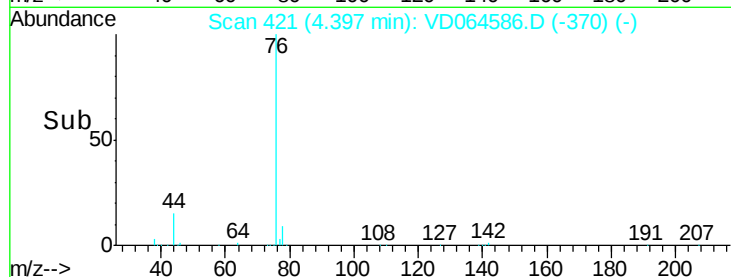
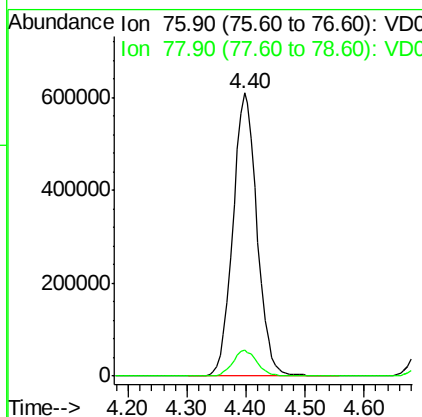
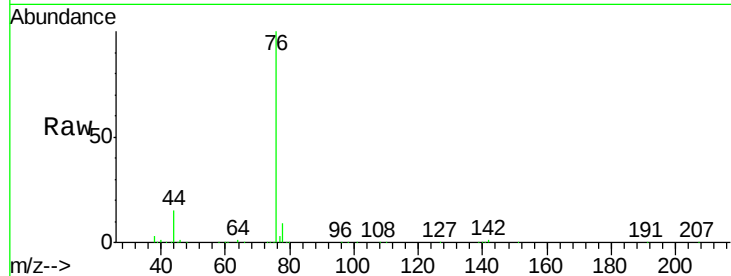
#17  
Carbon Disulfide  
Concen: 126.764 ug/l  
RT: 4.40 min Scan# 421  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion: 76 Resp: 1741876  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.3 10.9

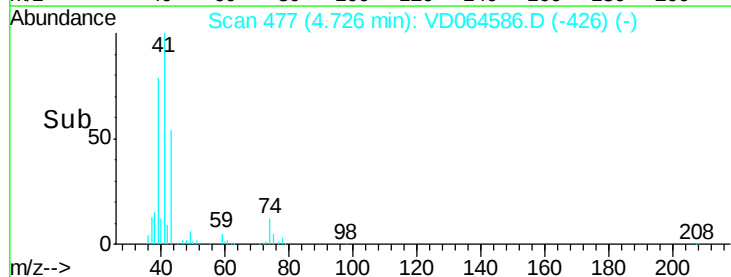
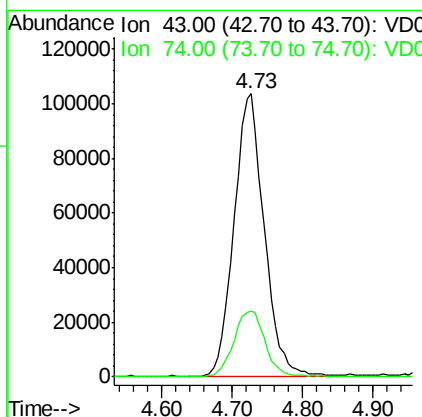
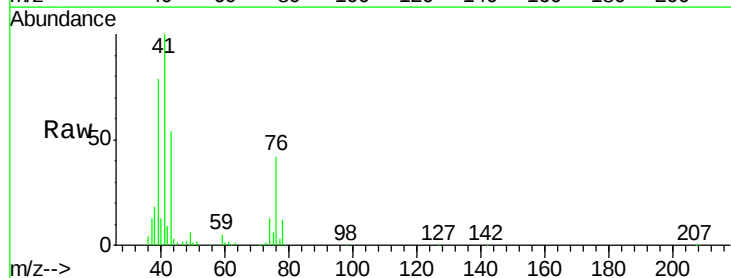
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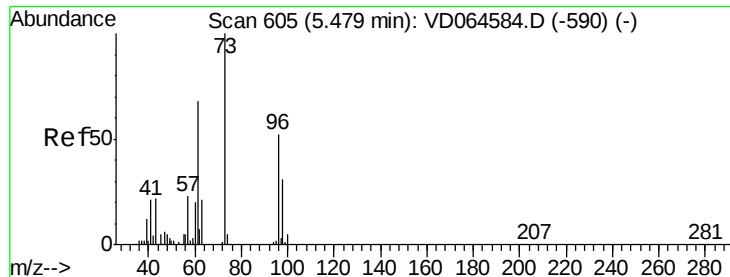
apatel  
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#18  
Methyl Acetate  
Concen: 129.019 ug/l  
RT: 4.73 min Scan# 477  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 43 Resp: 309365  
Ion Ratio Lower Upper  
43 100  
74 24.1 19.2 28.8





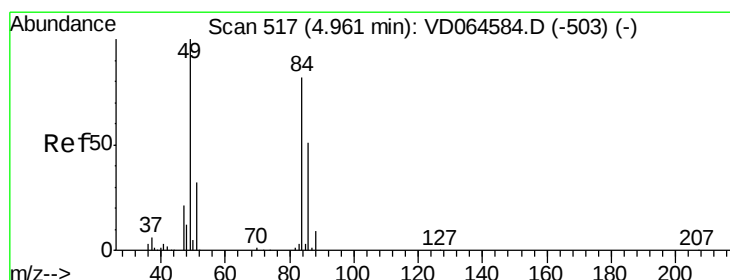
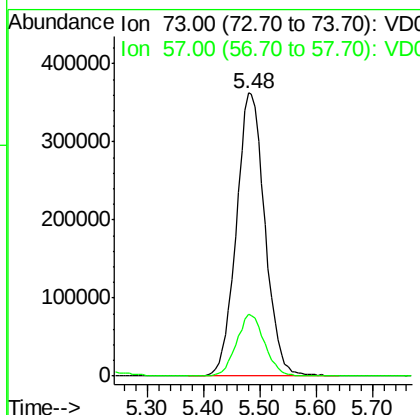
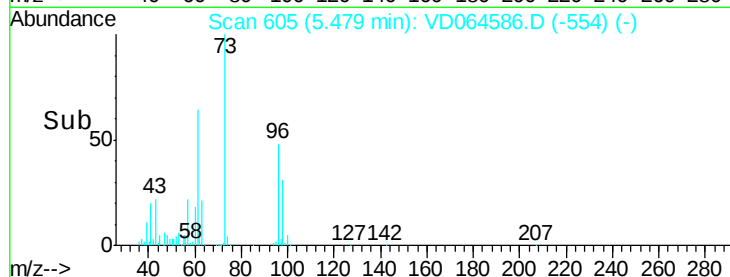
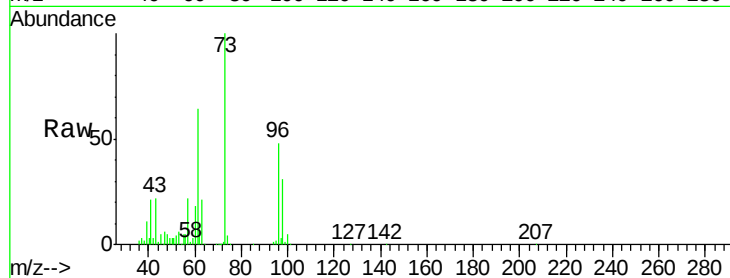
#19  
Methvl tert-butvl Ether  
Concen: 138.866 ug/l  
RT: 5.48 min Scan# 605  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion: 73 Resp: 1279699  
Ion Ratio Lower Upper  
73 100  
57 21.7 18.6 27.8

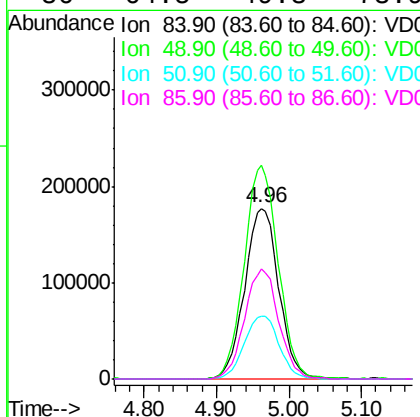
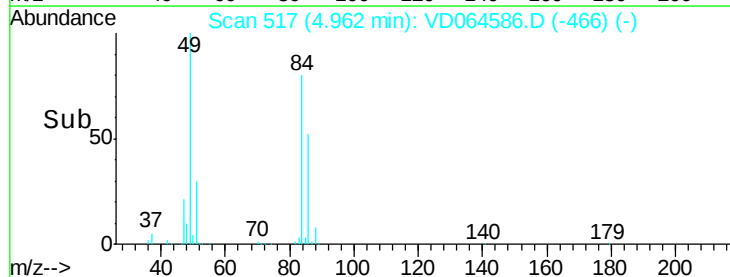
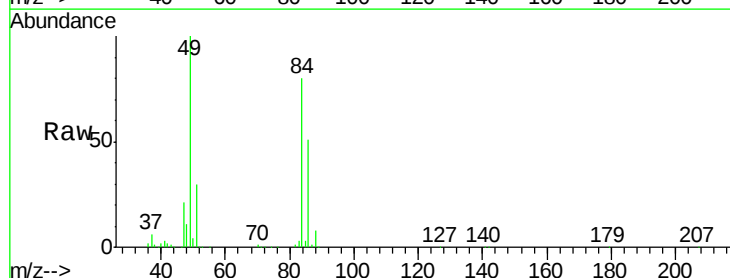
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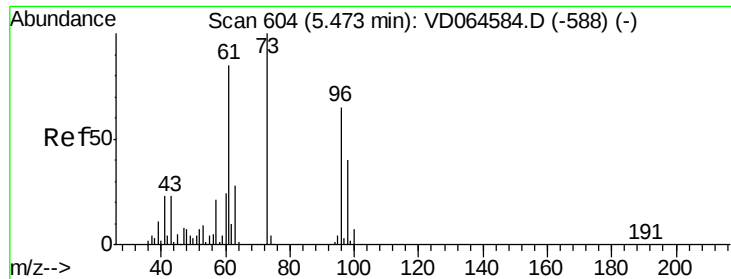
apatel  
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#20  
Methylene Chloride  
Concen: 109.418 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 84 Resp: 579257  
Ion Ratio Lower Upper  
84 100  
49 125.2 97.2 145.8  
51 37.0 31.4 47.0  
86 64.5 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 133.232 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 637793

Ion Ratio Lower Upper

96 100

61 135.1 104.7 157.1

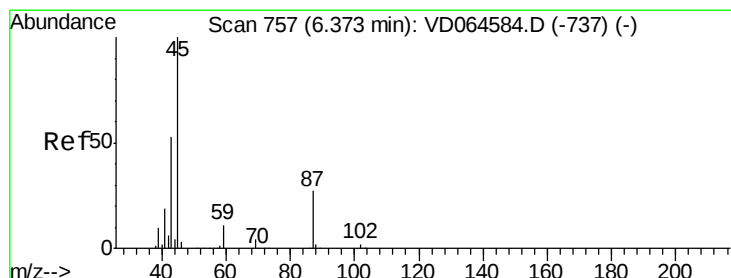
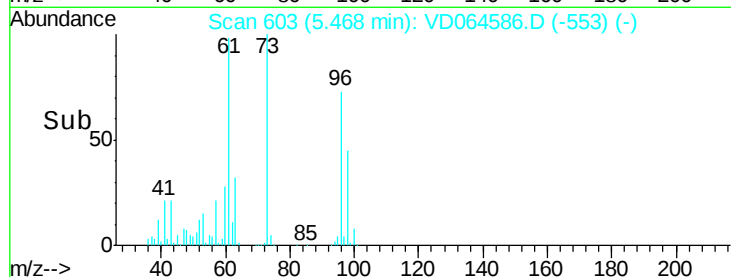
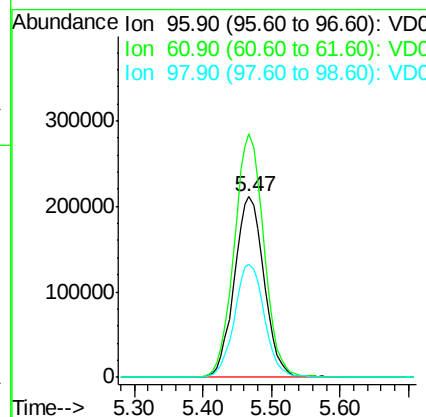
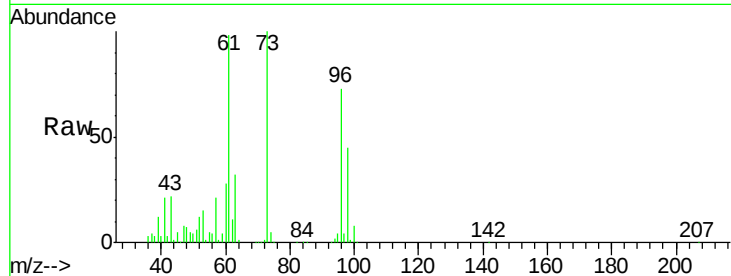
98 62.5 49.4 74.2

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#22

Diisopropyl ether

Concen: 136.421 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Tgt Ion: 45 Resp: 1770387

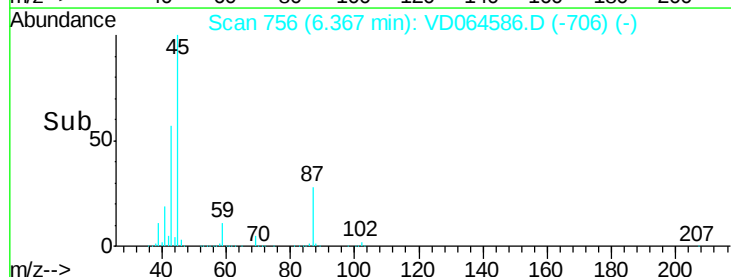
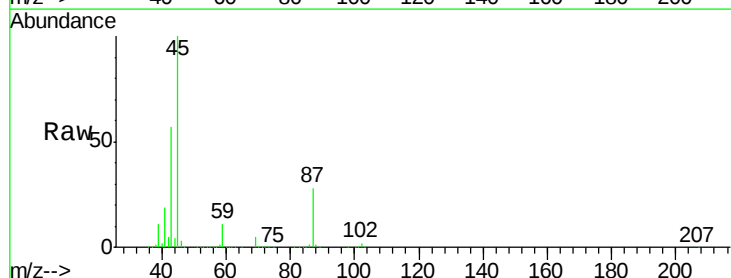
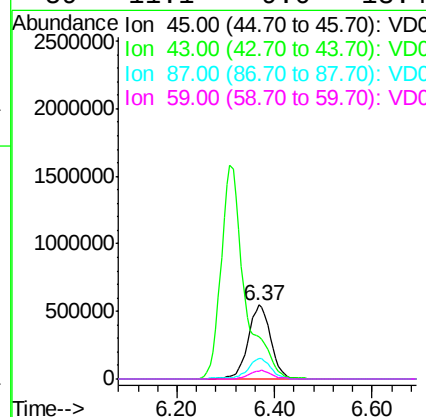
Ion Ratio Lower Upper

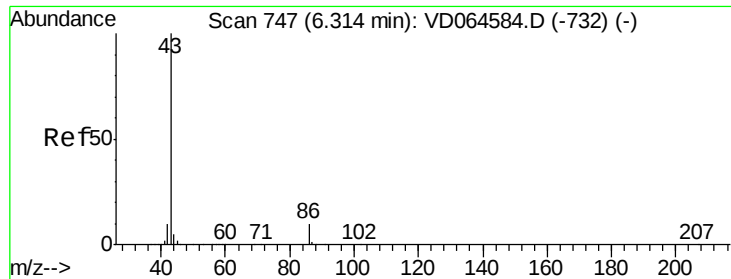
45 100

43 57.3 43.2 64.8

87 27.6 21.9 32.9

59 11.1 9.0 13.4





#23

Vinyl Acetate

Concen: 744.126 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 5322474

Ion Ratio Lower Upper

43 100

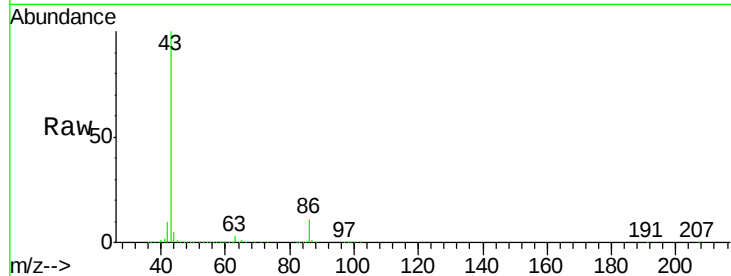
86 10.6 8.3 12.5

Manual Integrations

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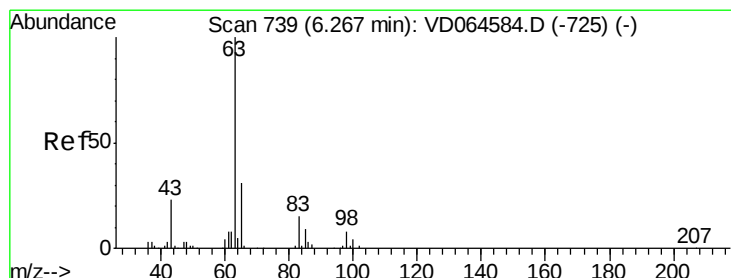
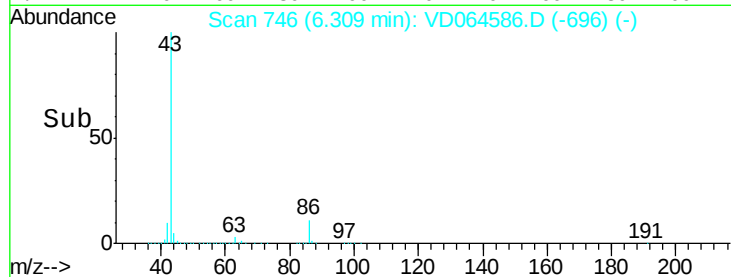
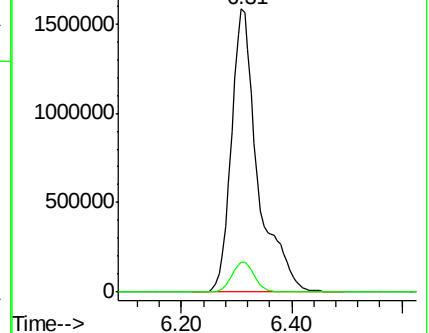
apatel

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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: 133.509 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

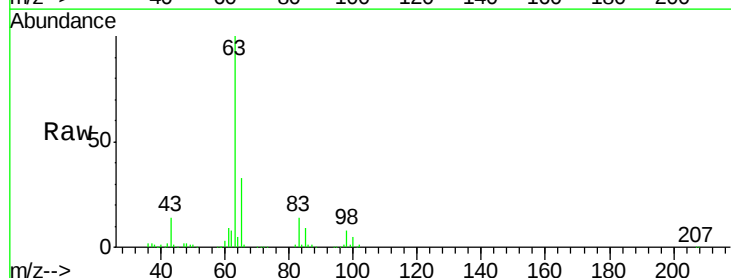
Tgt Ion: 63 Resp: 1046554

Ion Ratio Lower Upper

63 100

98 7.7 4.1 12.3

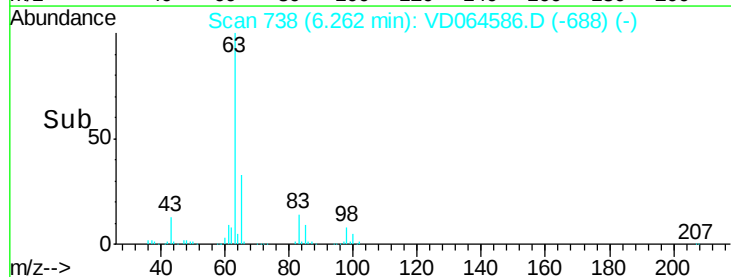
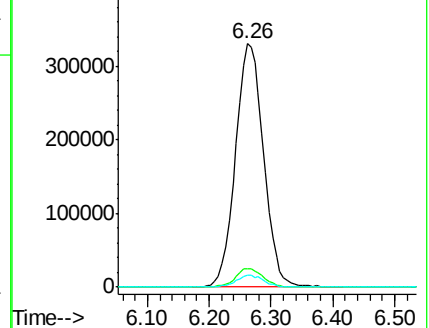
100 5.1 2.2 6.6

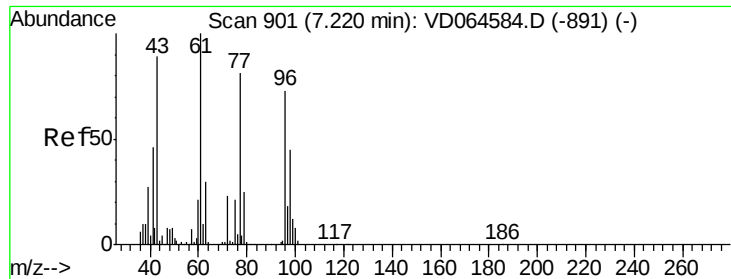


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 662.609 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 762434

Ion Ratio Lower Upper

43 100

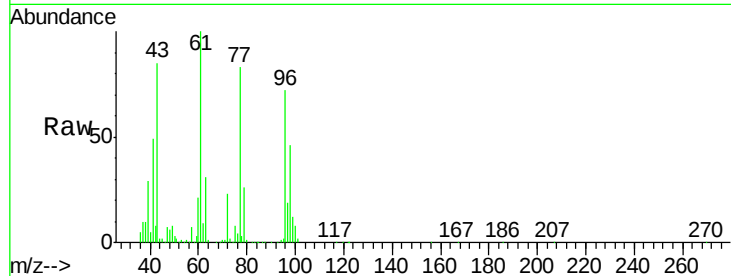
72 27.0 20.7 31.1

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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

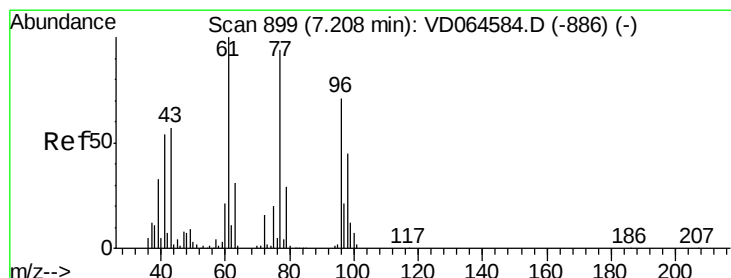
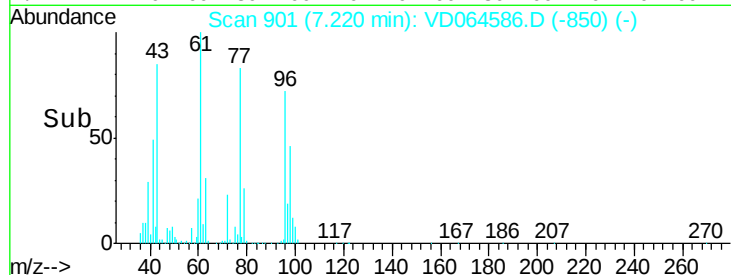
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 130.543 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD064586.D

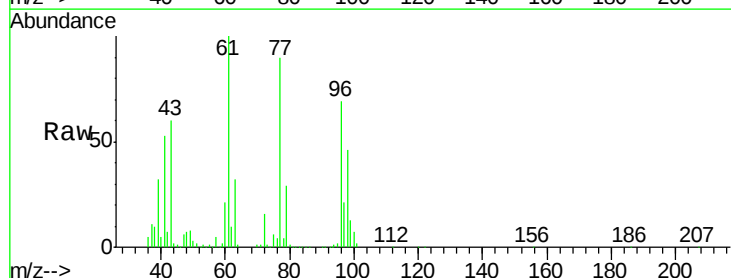
Acq: 24 Dec 2019 12:42

Tgt Ion: 77 Resp: 957905

Ion Ratio Lower Upper

77 100

97 22.5 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

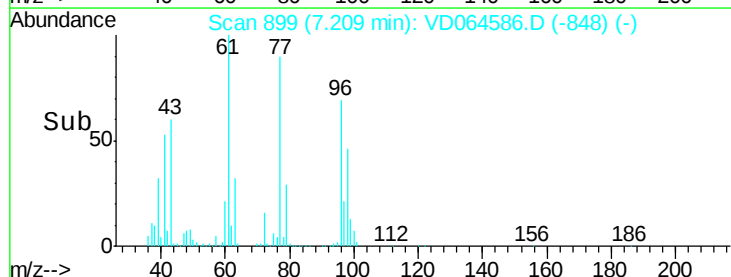
300000

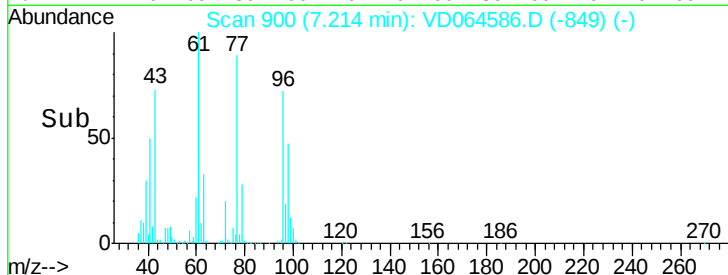
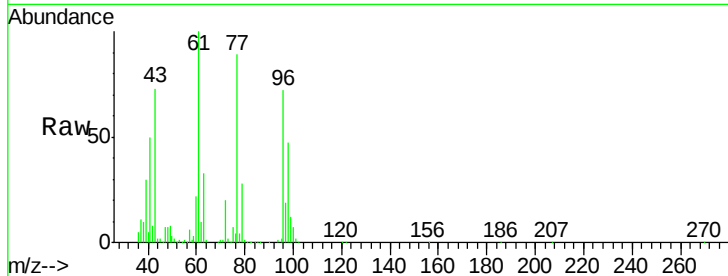
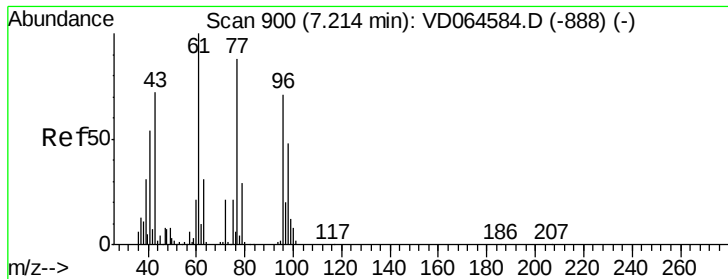
200000

100000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 135.620 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD064586.D

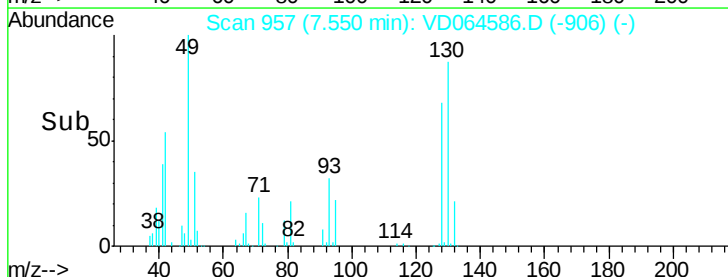
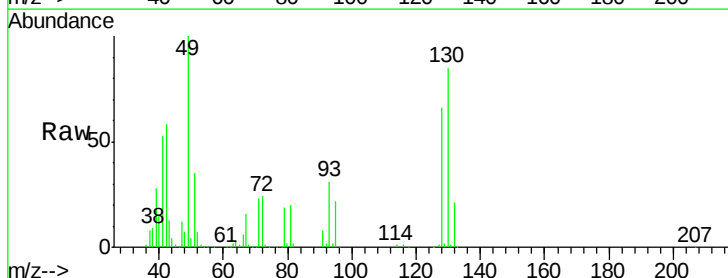
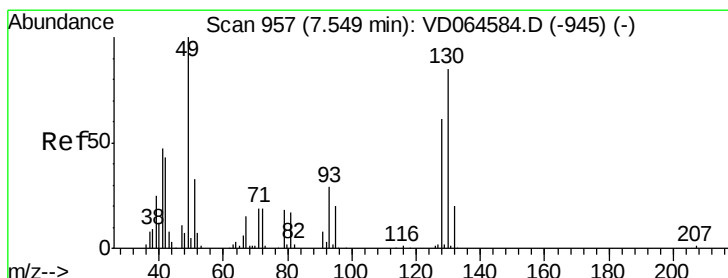
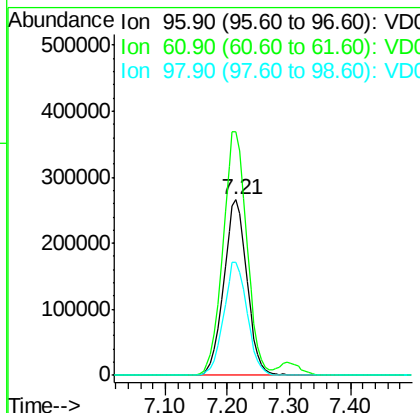
Acq: 24 Dec 2019 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 696350 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 142.4 | 0.0   | 282.6  |
| 98       | 65.1  | 0.0   | 130.8  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

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#28

Bromochloromethane

Concen: 137.578 ug/l

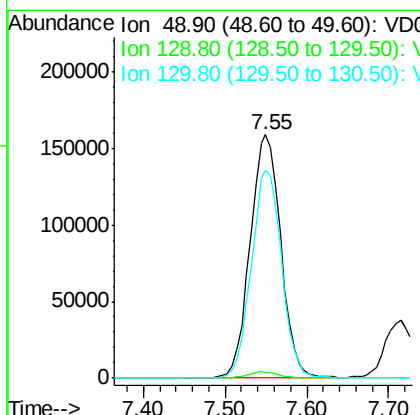
RT: 7.55 min Scan# 957

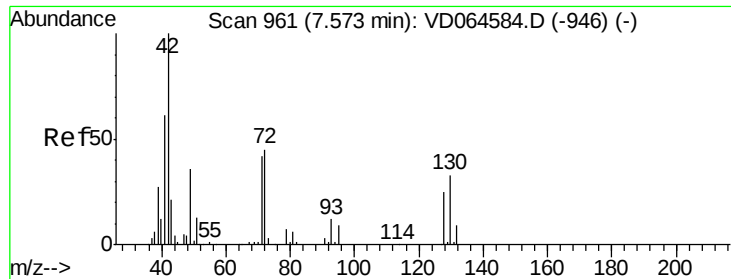
Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 414014 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 2.4   | 0.0   | 4.8    |
| 130      | 84.6  | 65.0  | 97.6   |





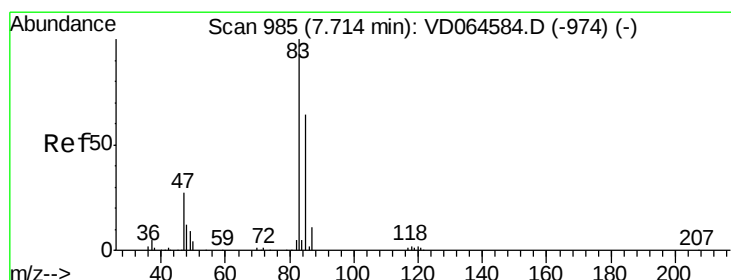
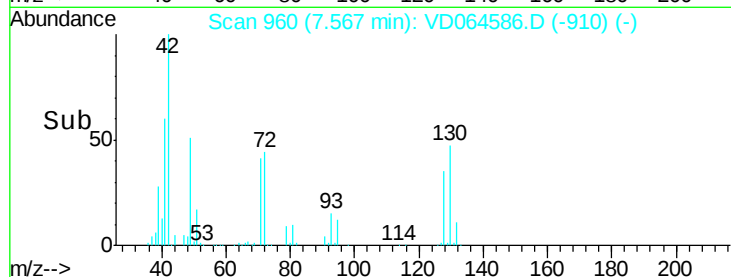
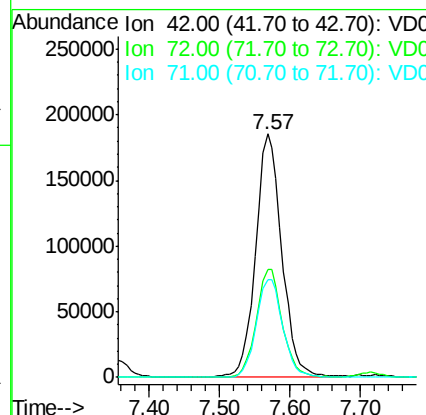
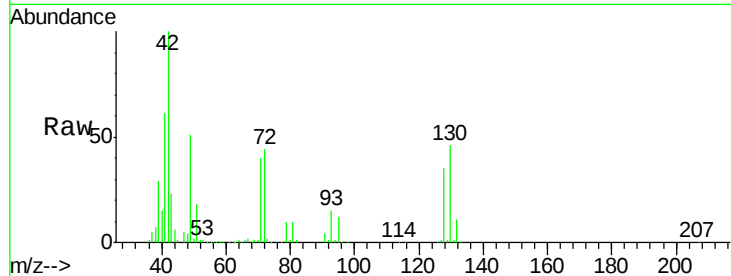
#29  
Tetrahydrofuran  
Concen: 672.805 ug/l  
RT: 7.57 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.1  | 35.0  | 52.4  |
| 71      | 41.0  | 32.9  | 49.3  |

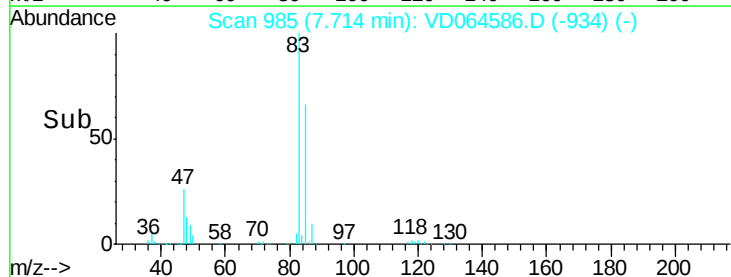
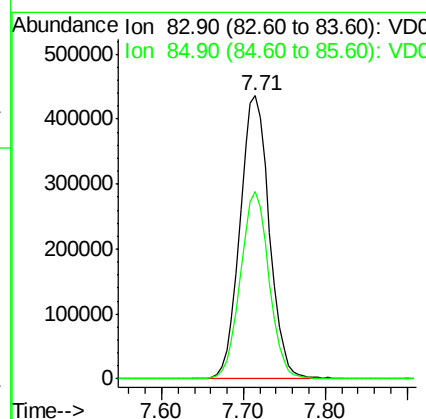
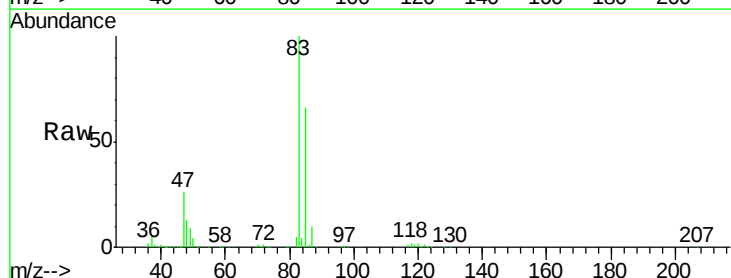
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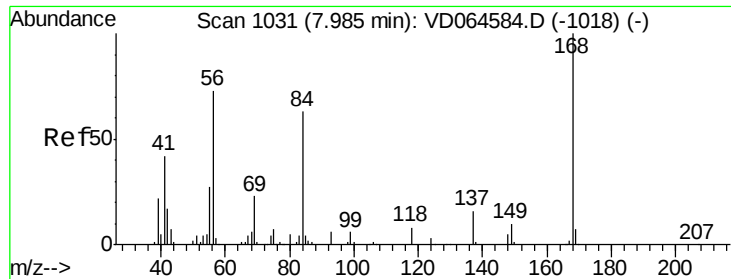
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#30  
Chloroform  
Concen: 132.165 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.3  | 51.1  | 76.7  |





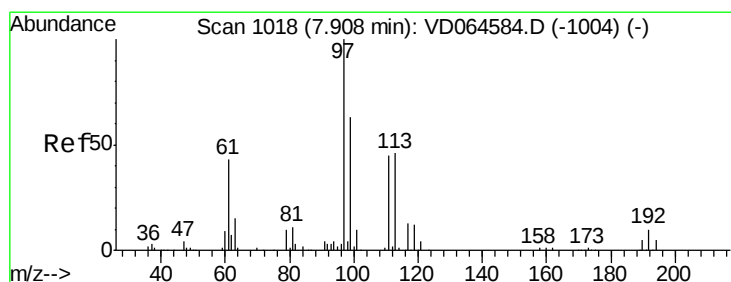
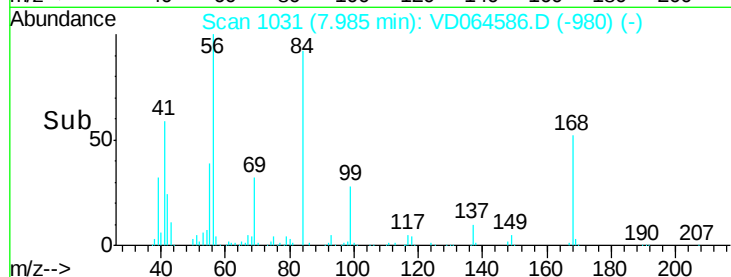
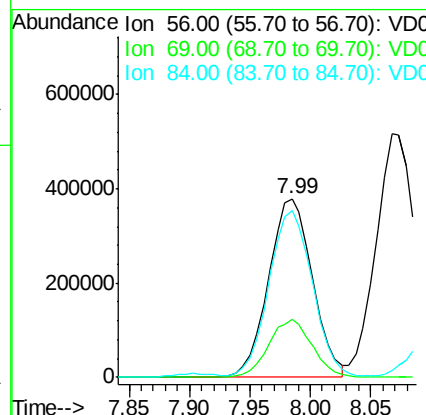
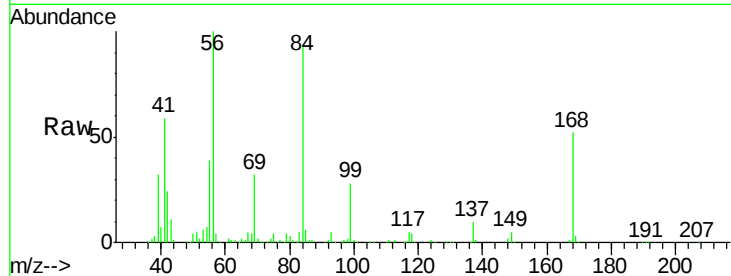
#31  
Cyclohexane  
Concen: 117.567 ug/l  
RT: 7.99 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.2  | 24.7  | 37.1  |
| 84      | 90.9  | 69.4  | 104.2 |

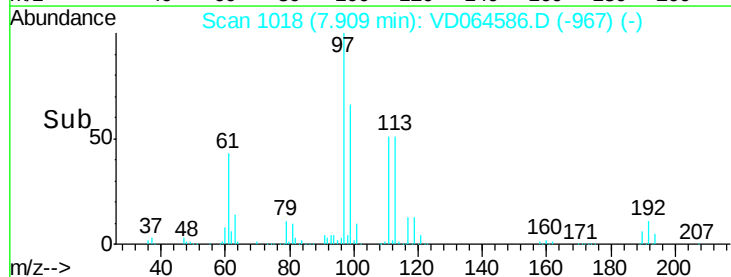
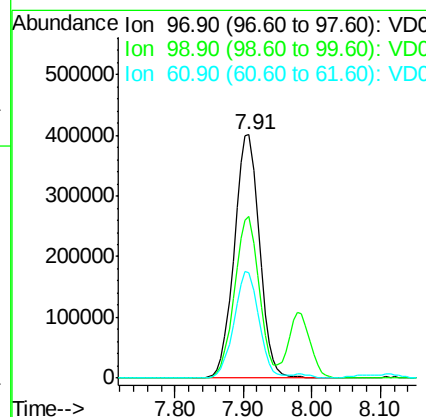
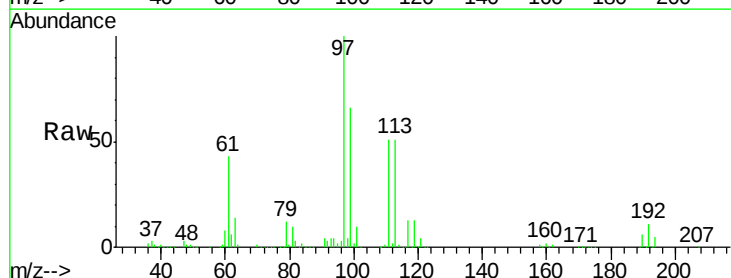
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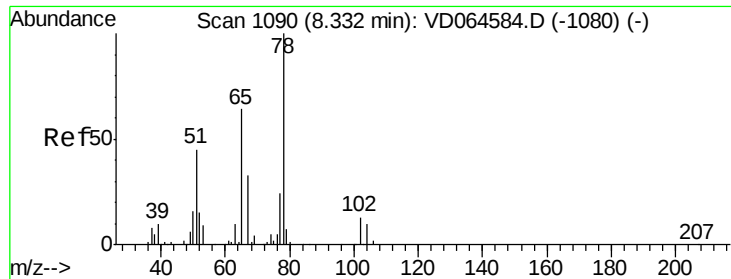
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#32  
1,1,1-Trichloroethane  
Concen: 132.654 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.1  | 51.0  | 76.6  |
| 61      | 43.1  | 35.4  | 53.0  |





#33

1,2-Dichloroethane-d4

Concen: 146.162 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 600039

Ion Ratio Lower Upper

65 100

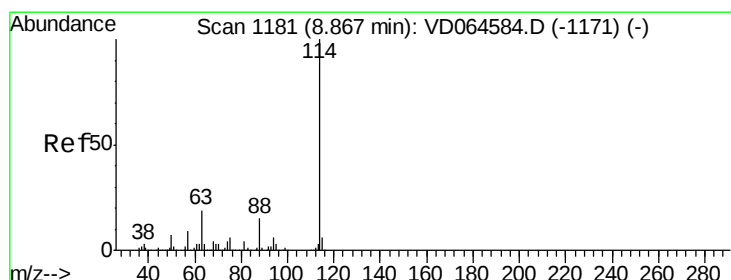
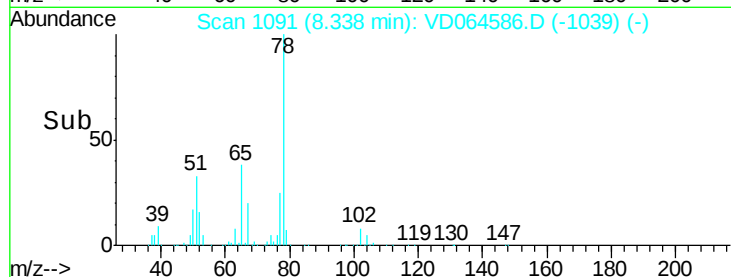
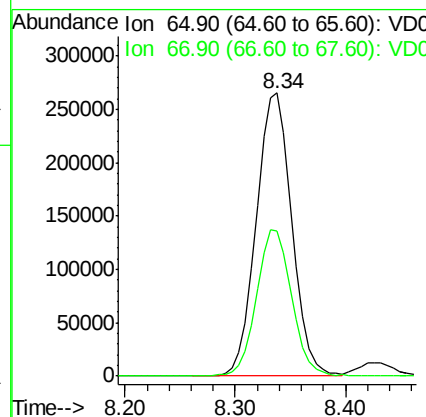
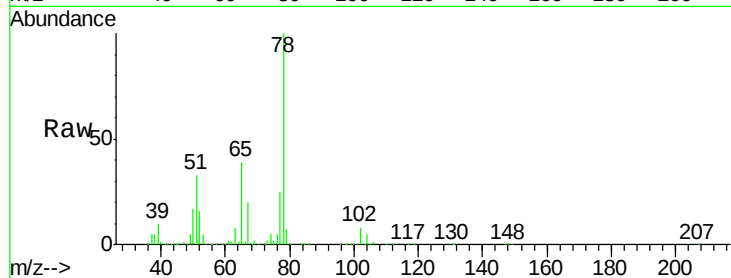
67 51.3 0.0 106.2

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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: VD064586.D

Acq: 24 Dec 2019 12:42

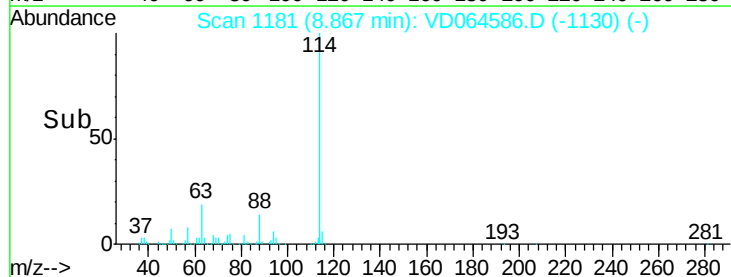
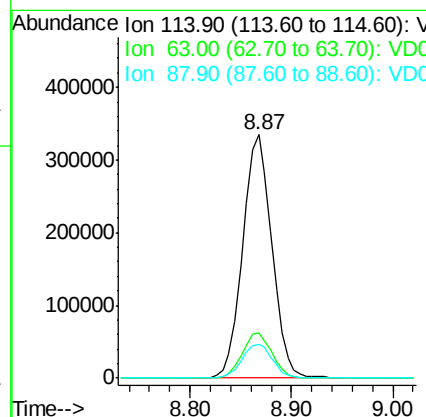
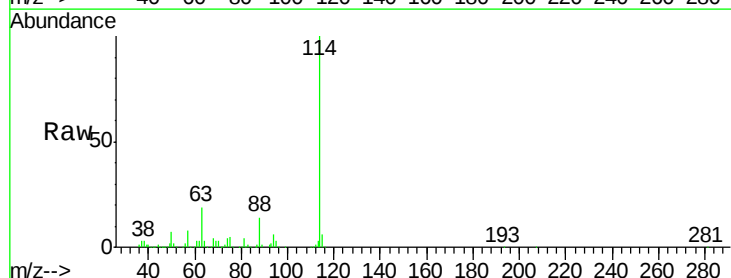
Tgt Ion: 114 Resp: 668151

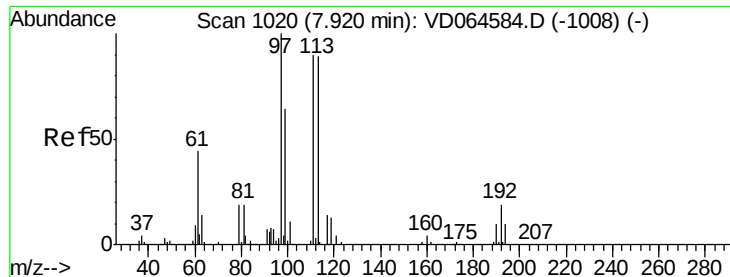
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.0

88 13.8 0.0 29.2





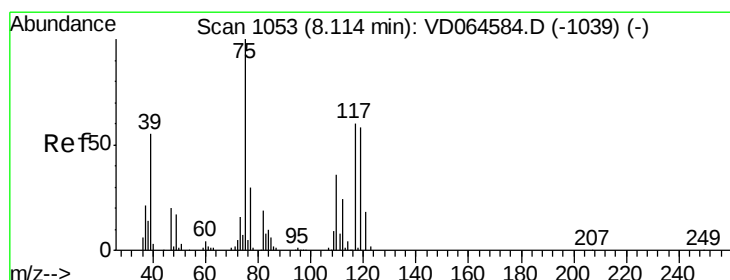
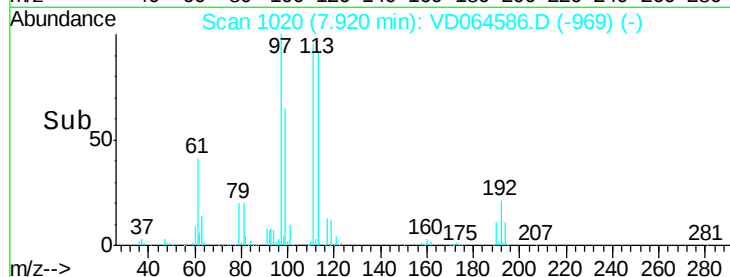
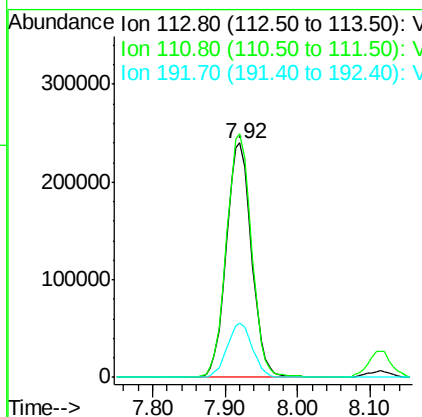
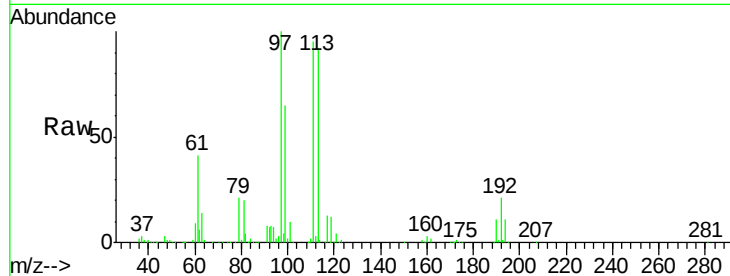
#35  
 Dibromofluoromethane  
 Concen: 139.379 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.5 | 80.6  | 121.0 |
| 192     | 23.2  | 17.9  | 26.9  |

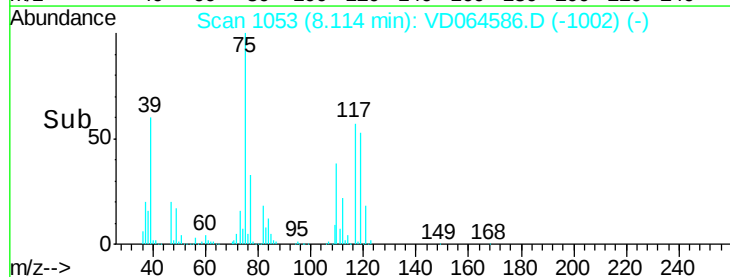
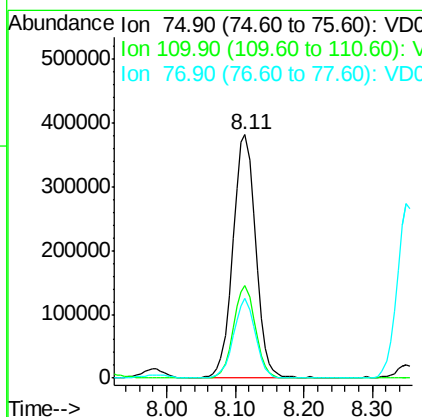
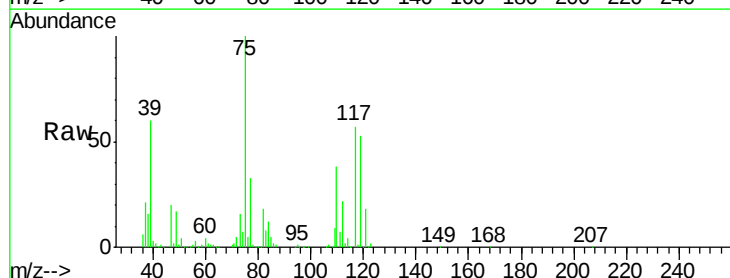
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#36  
 1,1-Dichloropropene  
 Concen: 132.246 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.6  | 18.1  | 54.1  |
| 77      | 31.2  | 24.2  | 36.4  |





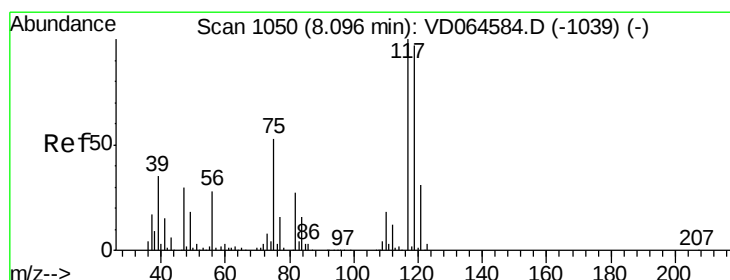
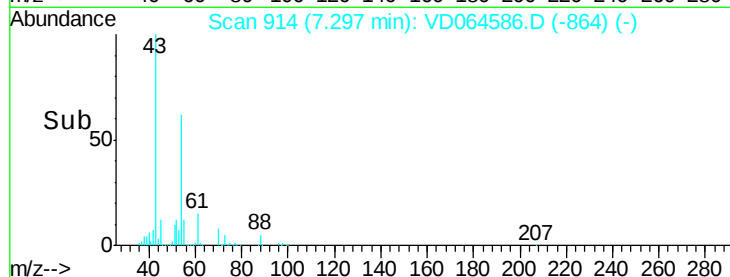
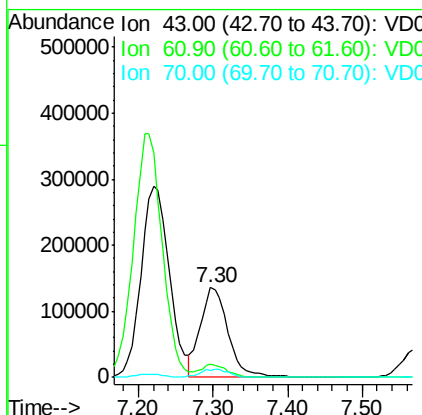
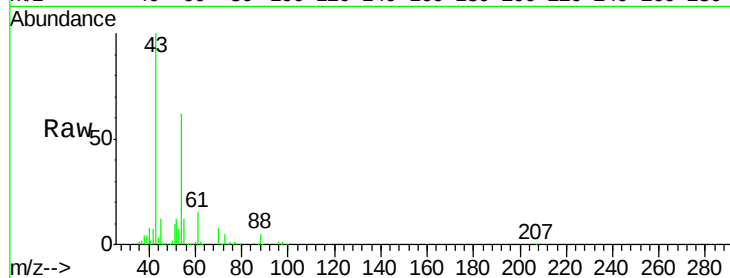
#37  
Ethyl Acetate  
Concen: 134.817 ug/l  
RT: 7.30 min Scan# 914  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.0  | 10.3  | 15.5  |
| 70      | 9.6   | 7.6   | 11.4  |

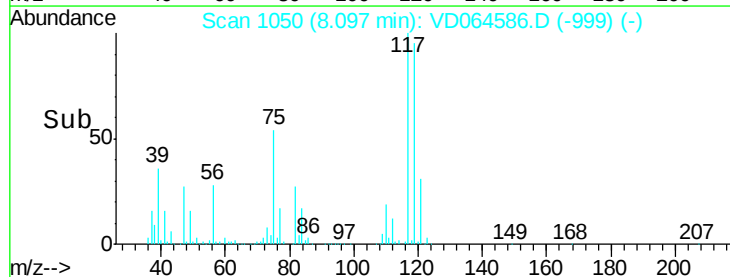
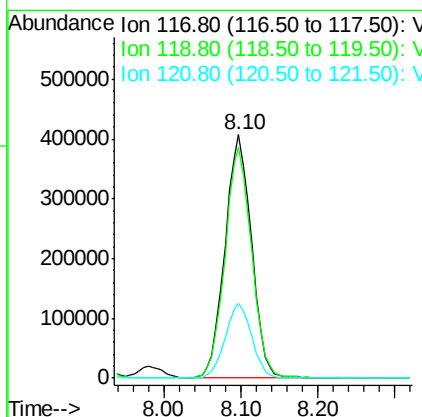
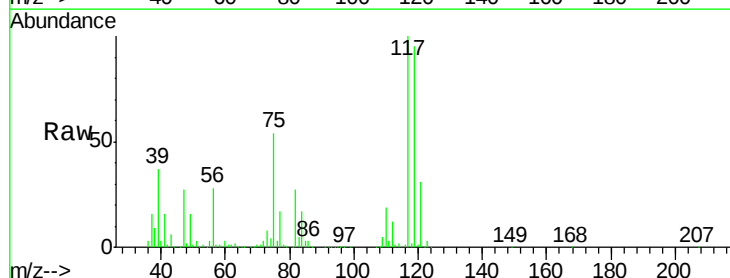
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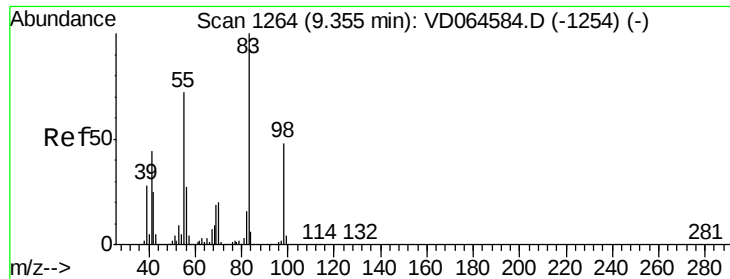
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#38  
Carbon Tetrachloride  
Concen: 140.136 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.8  | 77.3  | 115.9 |
| 121     | 30.7  | 25.0  | 37.6  |





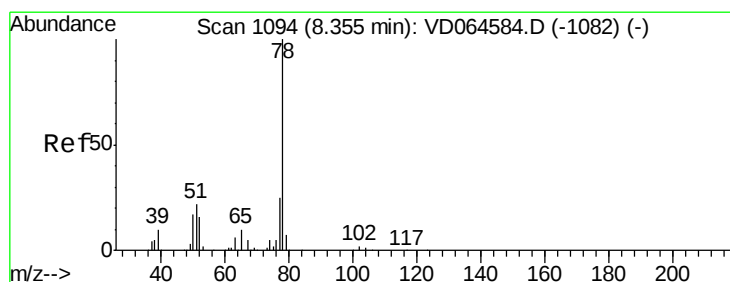
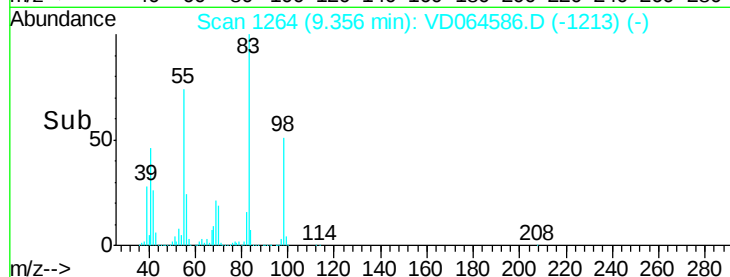
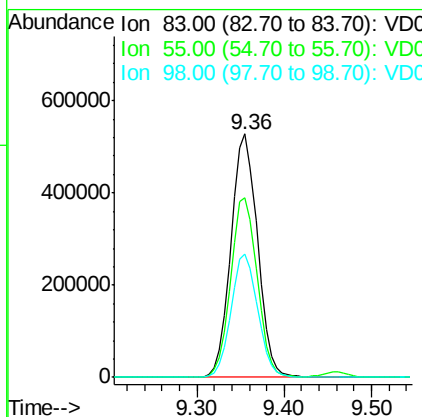
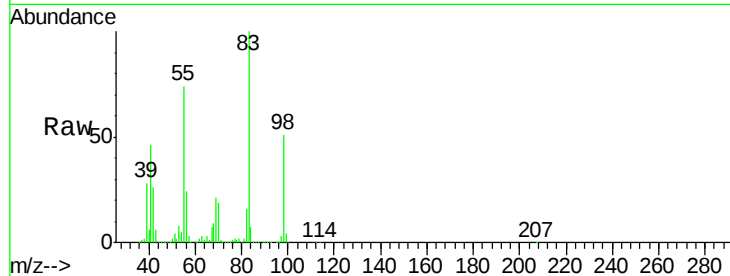
#39  
Methvlcvclohexane  
Concen: 137.239 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 73.6  | 57.8  | 86.6  |
| 98      | 50.6  | 38.7  | 58.1  |

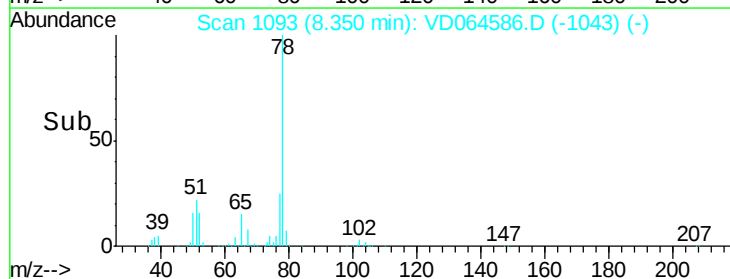
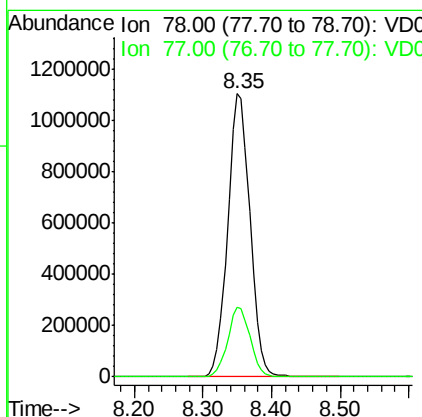
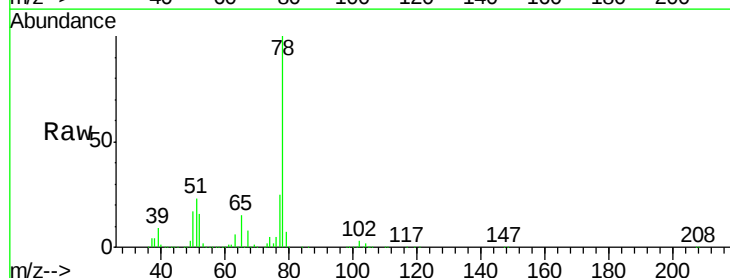
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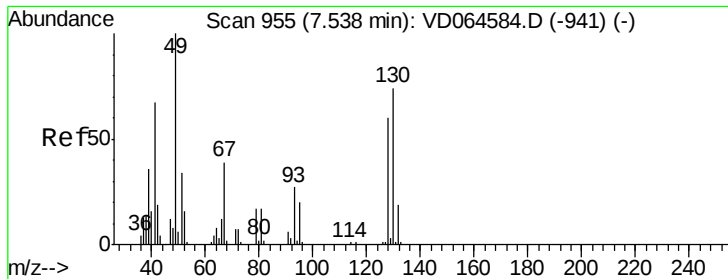
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#40  
Benzene  
Concen: 139.614 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.8  | 19.9  | 29.9  |





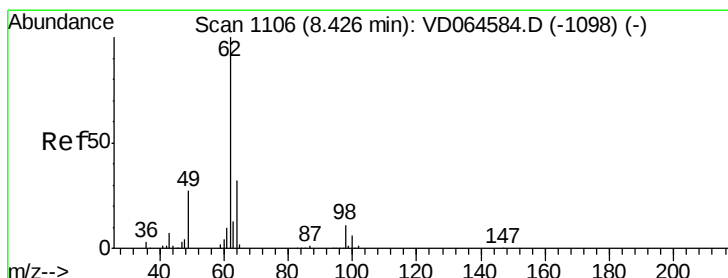
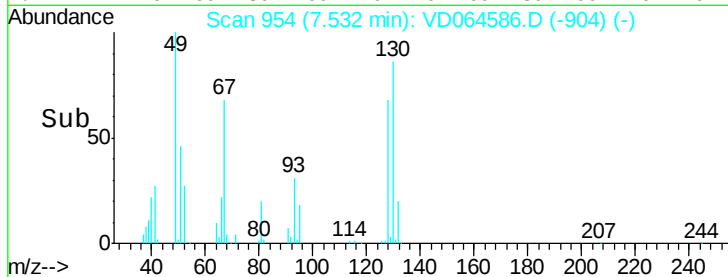
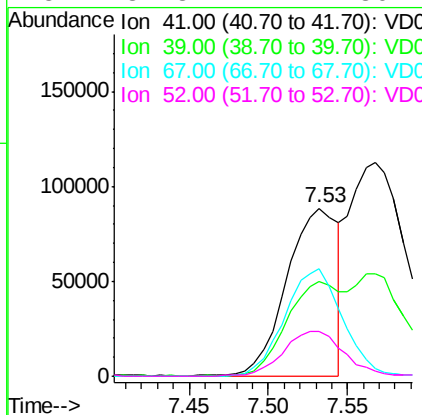
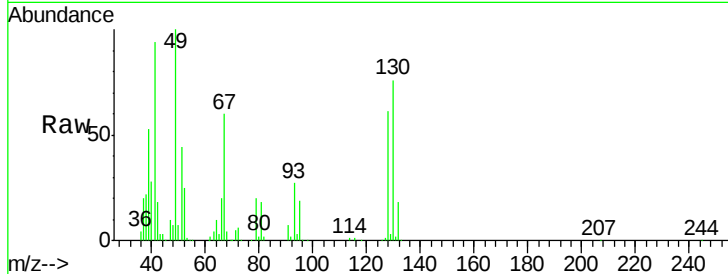
#41  
Methacrylonitrile  
Concen: 130.150 ug/l  
RT: 7.53 min Scan# 954  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 198118 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 64.7  | 46.7  | 70.1   |
| 67       | 72.8  | 52.5  | 78.7   |
| 52       | 32.3  | 24.1  | 36.1   |

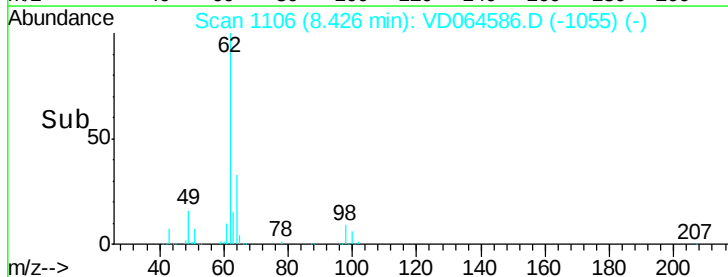
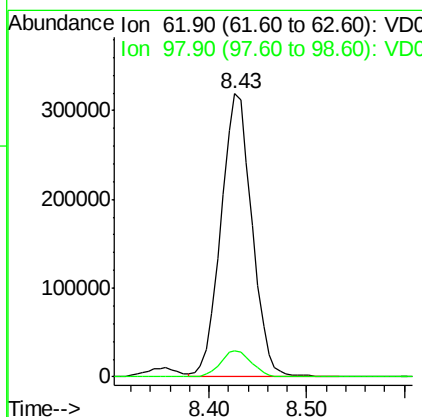
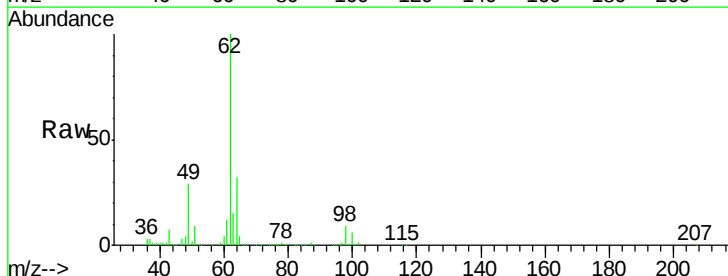
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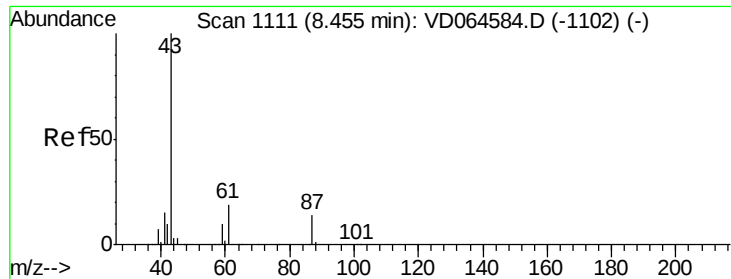
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#42  
1,2-Dichloroethane  
Concen: 134.982 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 701278 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.5   | 0.0   | 20.0   |





#43

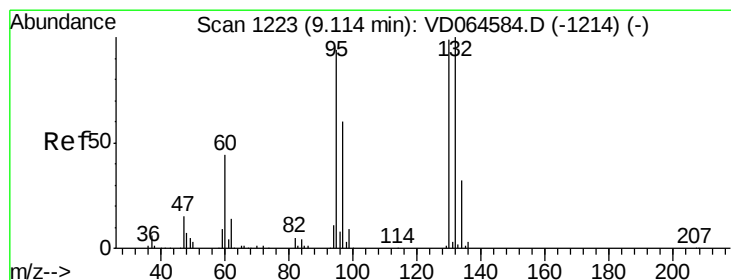
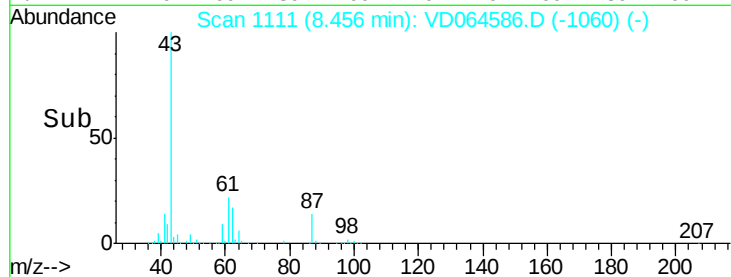
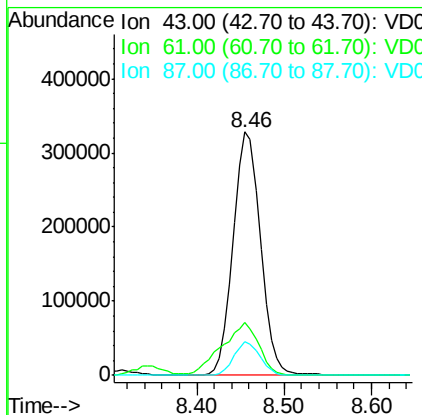
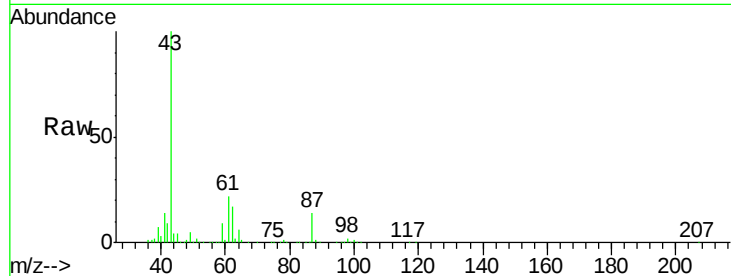
Isopropyl Acetate  
 Concen: 135.656 ug/l  
 RT: 8.46 min Scan# 1111  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 29.5  | 23.7  | 35.5  |
| 87      | 13.3  | 10.5  | 15.7  |

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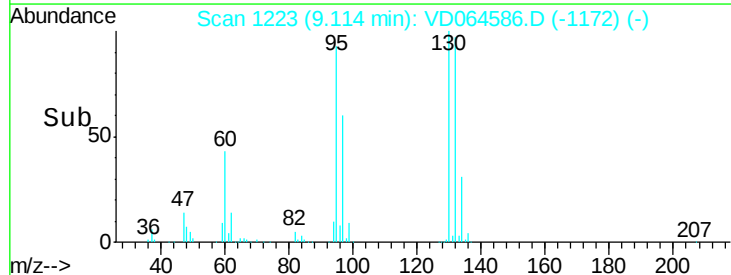
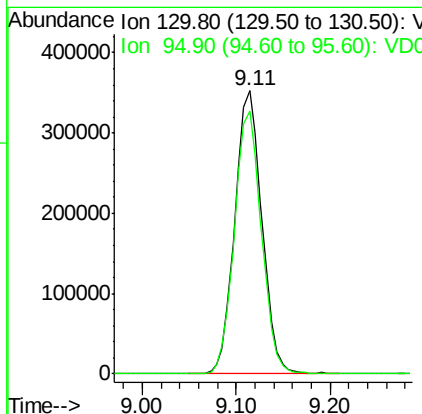
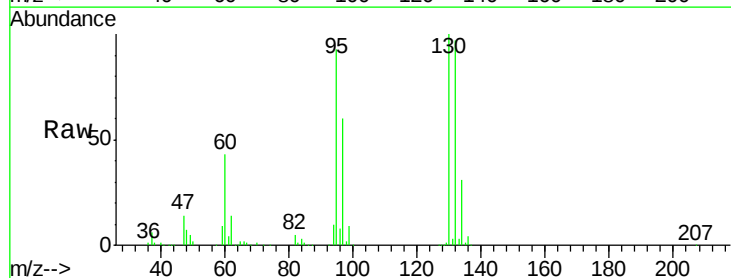
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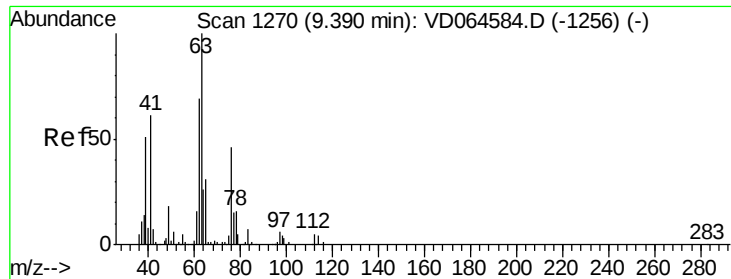


#44

Trichloroethene  
 Concen: 132.483 ug/l  
 RT: 9.11 min Scan# 1223  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.7  | 0.0   | 190.2 |





#45

1,2-Dichloropropane

Concen: 134.271 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 579199

Ion Ratio Lower Upper

63 100

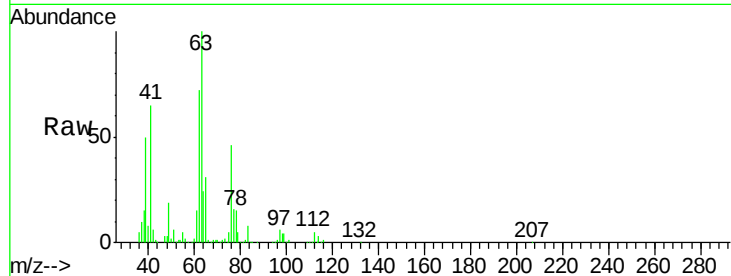
65 30.8 25.2 37.8

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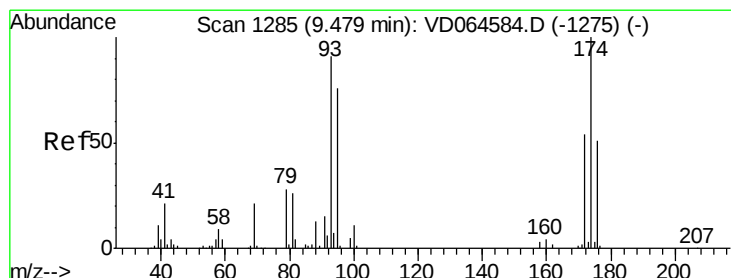
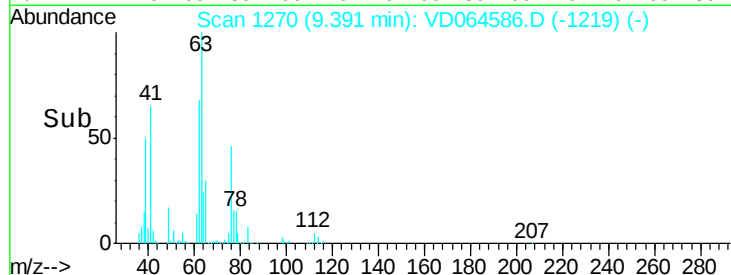
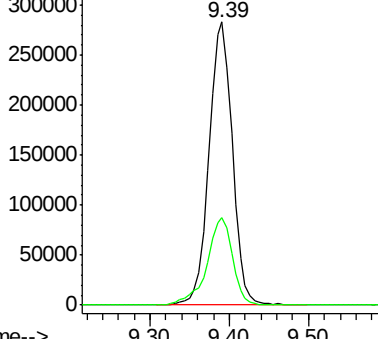
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 135.471 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

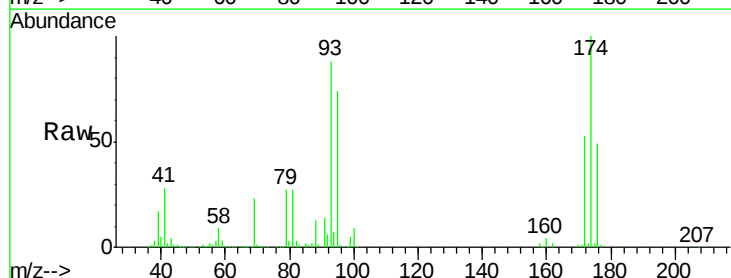
Tgt Ion: 93 Resp: 324248

Ion Ratio Lower Upper

93 100

95 81.7 64.6 97.0

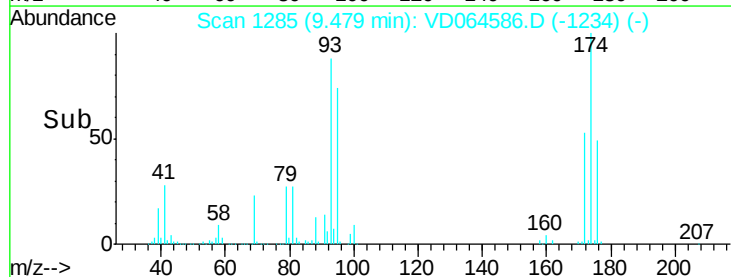
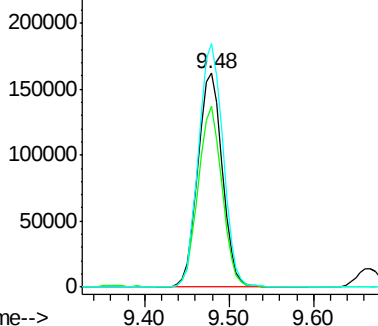
174 113.6 88.1 132.1

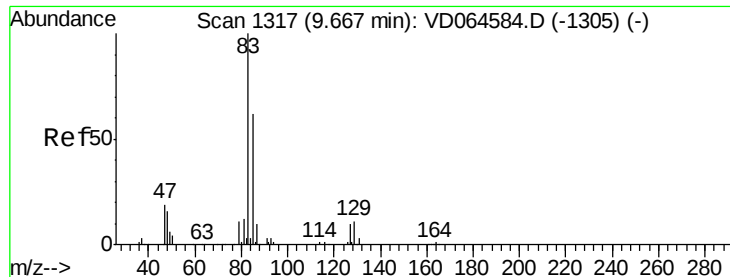


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 131.318 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

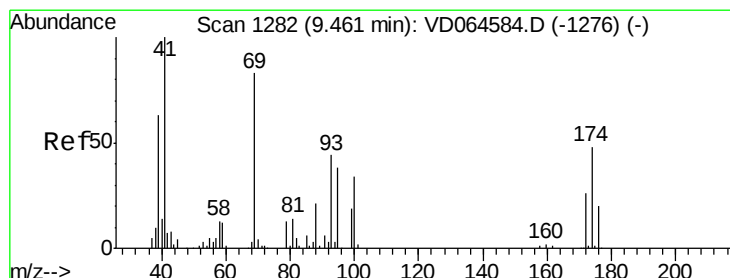
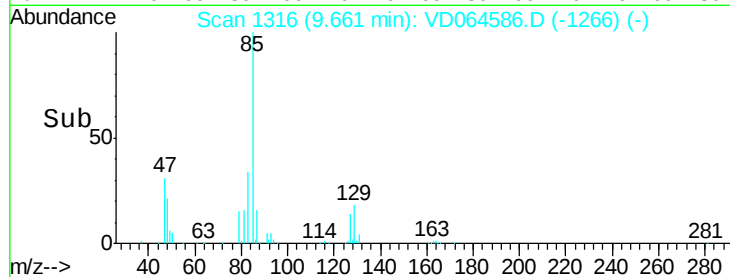
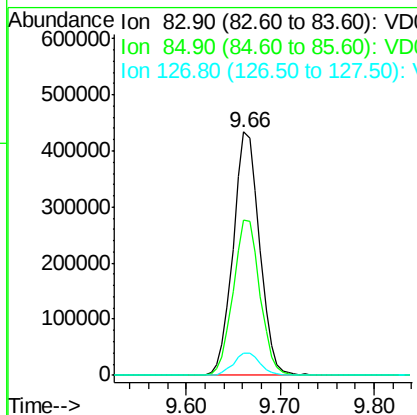
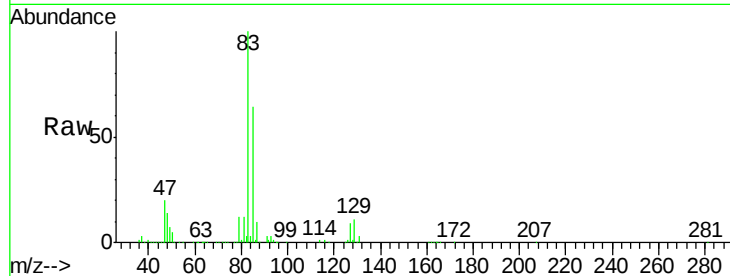
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 843817 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.6  | 49.5  | 74.3   |
| 127       | 9.2   | 7.8   | 11.6   |

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#48

Methyl methacrylate

Concen: 131.600 ug/l

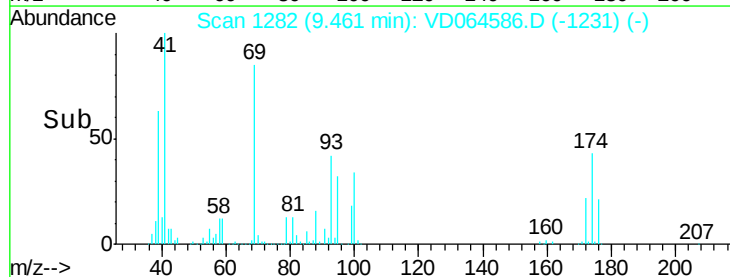
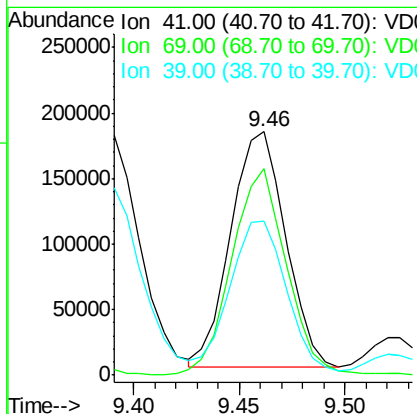
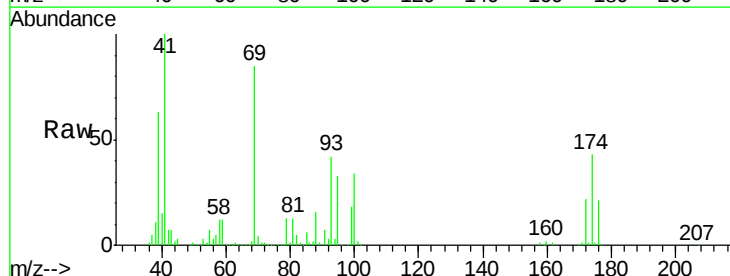
RT: 9.46 min Scan# 1282

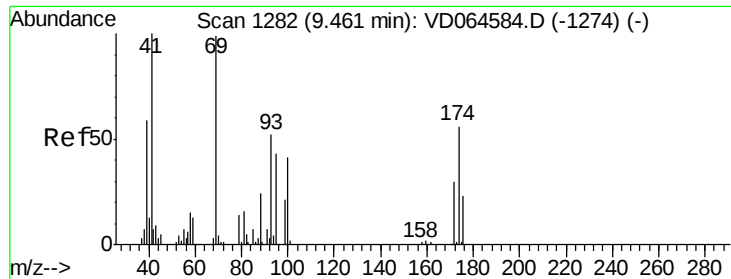
Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 321641 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 87.9  | 63.0  | 94.6   |
| 39        | 64.9  | 47.4  | 71.2   |





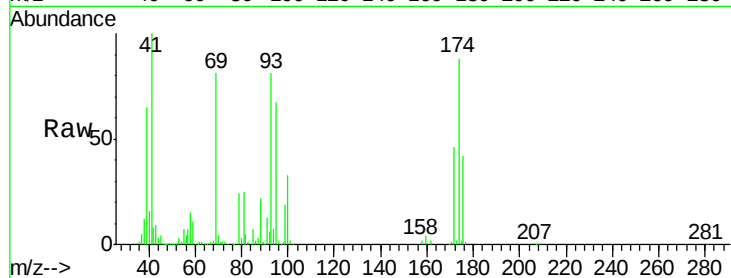
#49  
1,4-Dioxane  
Concen: 2573.816 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. 0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

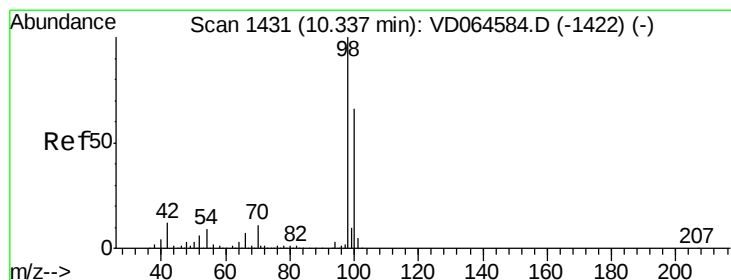
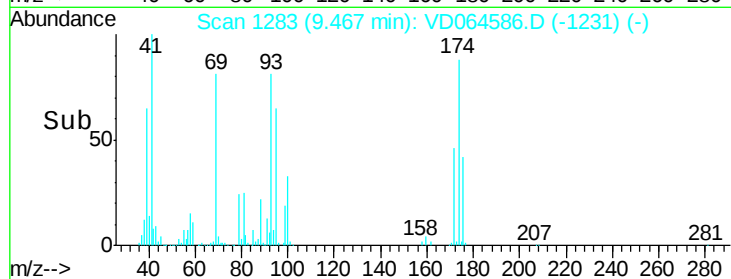
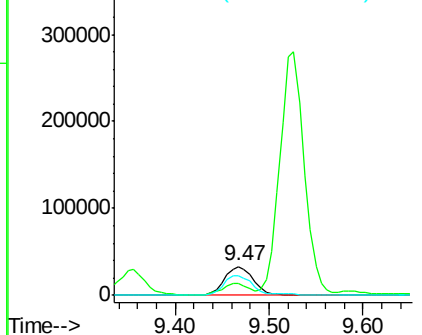
| Tot Ion | 88    | Resp  | 71785 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 36.1  | 27.7  | 41.5  |
| 58      | 67.1  | 53.8  | 80.6  |

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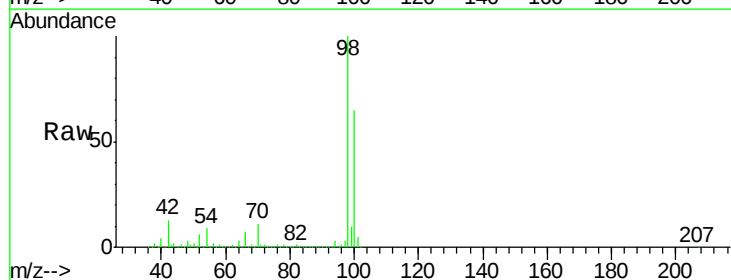


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC

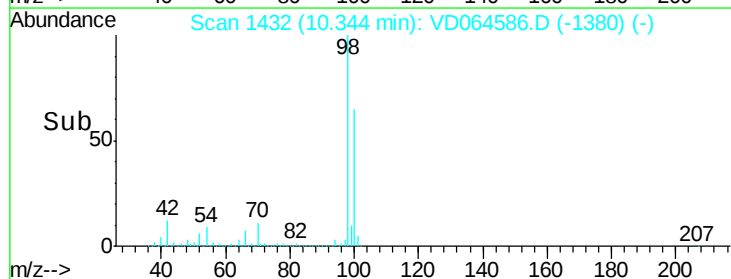
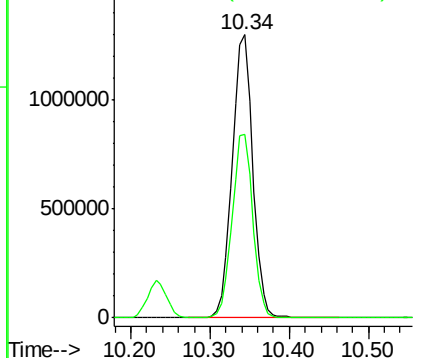


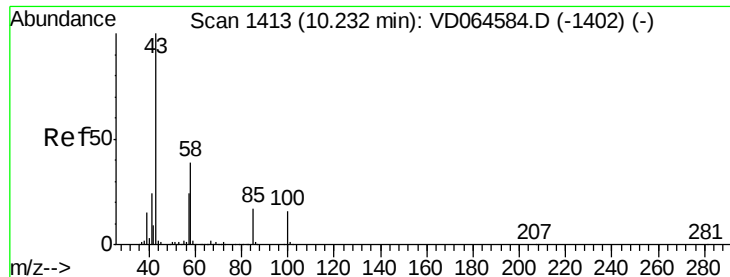
#50  
Toluene-d8  
Concen: 149.673 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. 0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

| Tgt Ion | 98    | Resp  | 2339702 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 98      | 100   |       |         |
| 100     | 65.2  | 51.7  | 77.5    |



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





#51

4-Methyl-2-Pentanone

Concen: 702.697 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleID :

VSTDIC150

Tot Ion: 43 Resp: 1767983

Ion Ratio Lower Upper

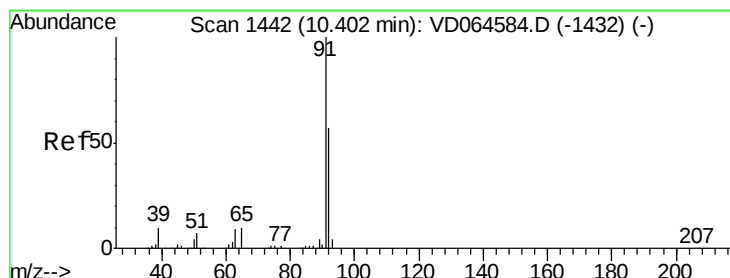
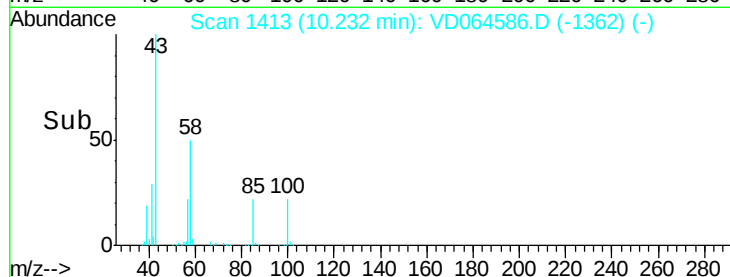
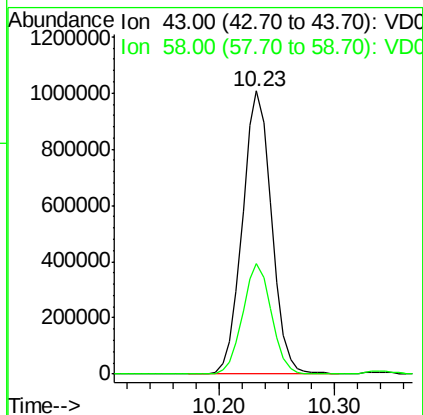
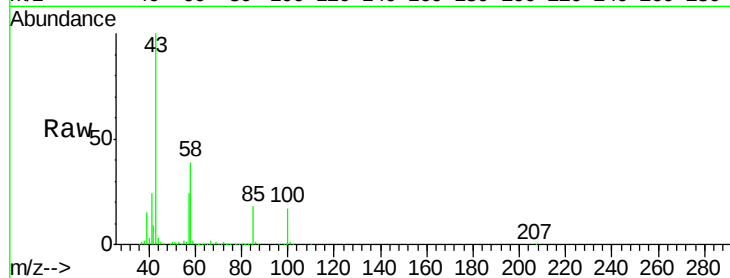
43 100

58 38.5 30.2 45.2

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#52

Toluene

Concen: 144.222 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD064586.D

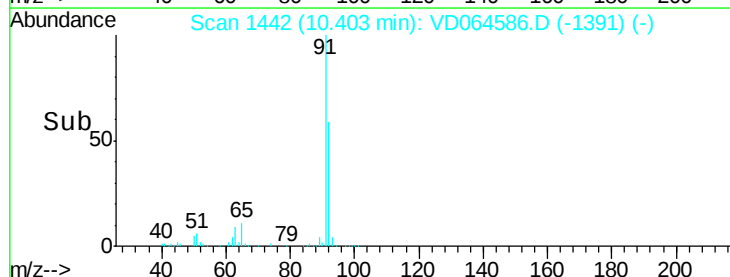
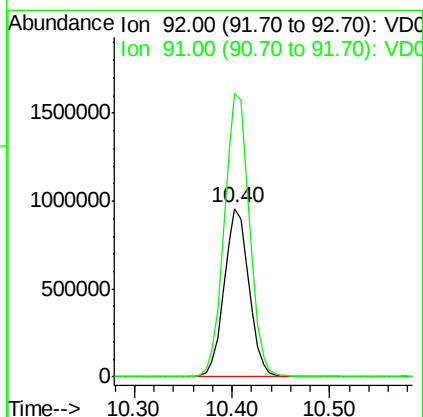
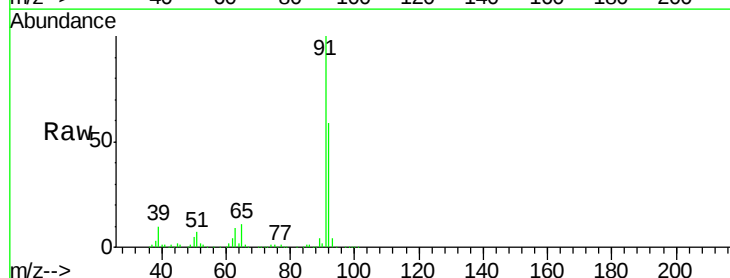
Acq: 24 Dec 2019 12:42

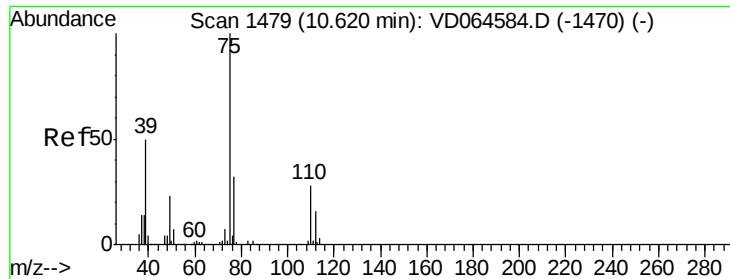
Tgt Ion: 92 Resp: 1675879

Ion Ratio Lower Upper

92 100

91 172.2 138.7 208.1





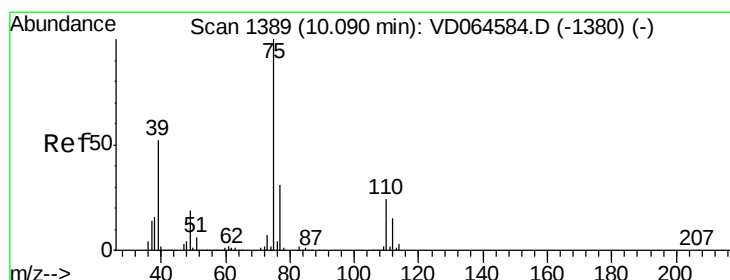
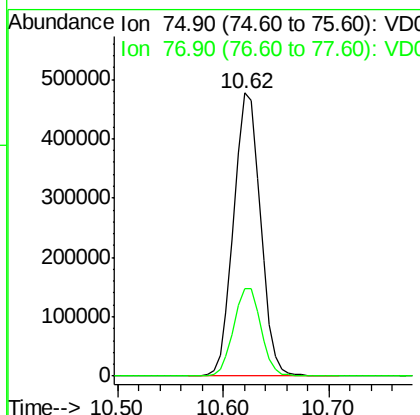
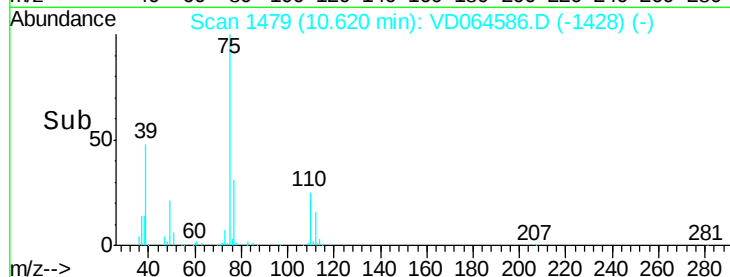
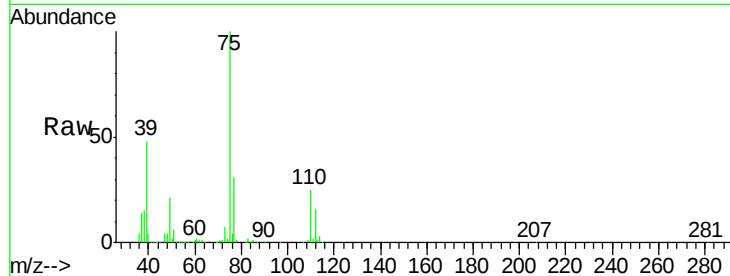
#53  
 t-1,3-Dichloropropene  
 Concen: 143.520 ug/l  
 RT: 10.62 min Scan# 1479  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

Tot Ion: 75 Resp: 837455  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.4 38.2

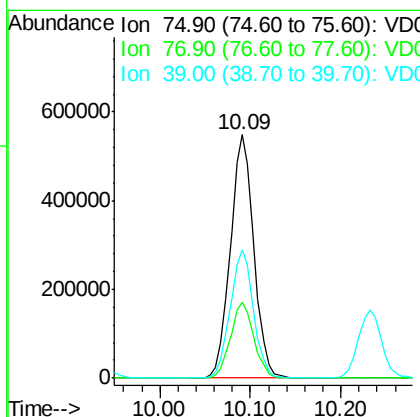
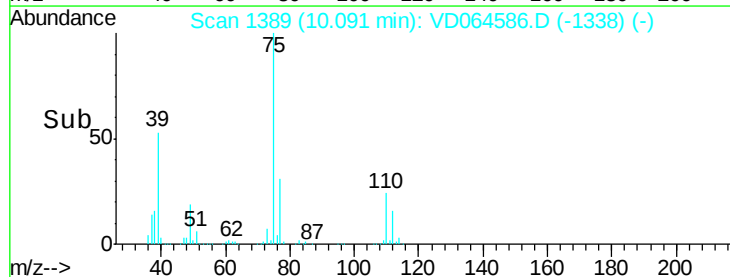
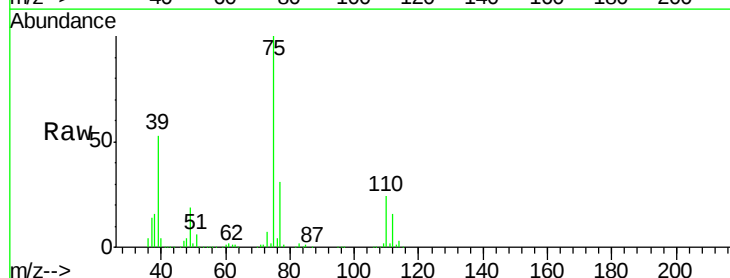
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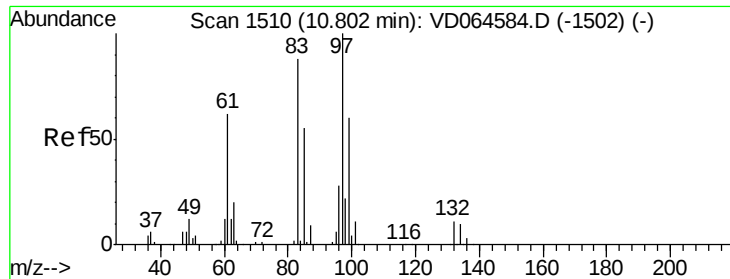
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#54  
 cis-1,3-Dichloropropene  
 Concen: 142.679 ug/l  
 RT: 10.09 min Scan# 1389  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Tgt Ion: 75 Resp: 987362  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 24.6 36.8  
 39 52.6 41.4 62.2





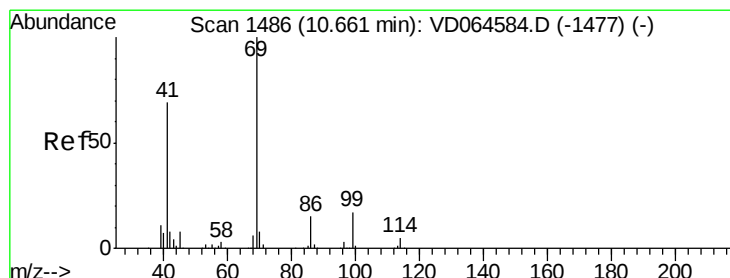
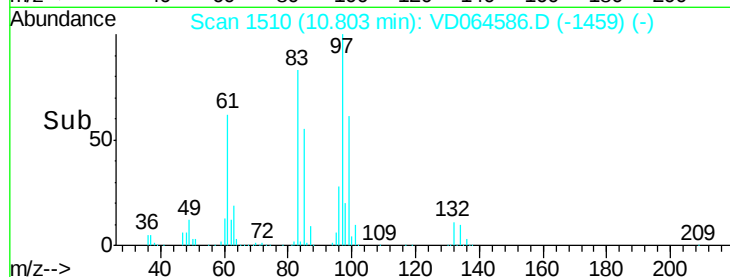
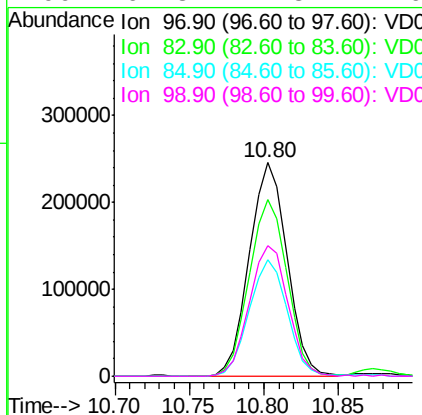
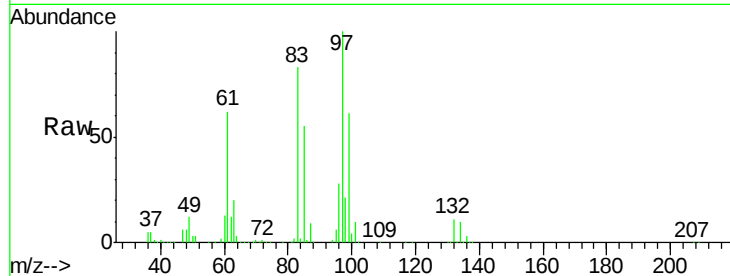
#55  
 1,1,2-Trichloroethane  
 Concen: 131.797 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 97      | 100   | 429793 |       |       |
| 83      | 82.9  | 70.2   | 105.4 |       |
| 85      | 54.6  | 44.0   | 66.0  |       |
| 99      | 61.3  | 47.8   | 71.6  |       |

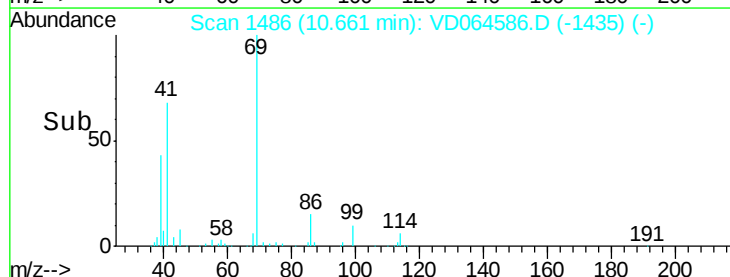
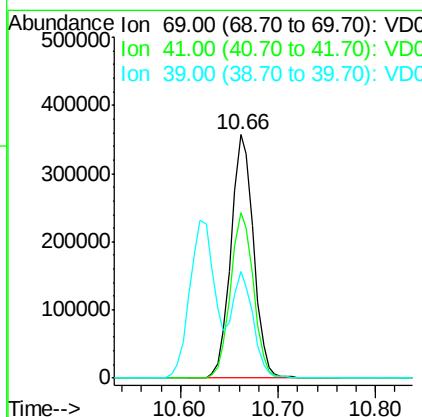
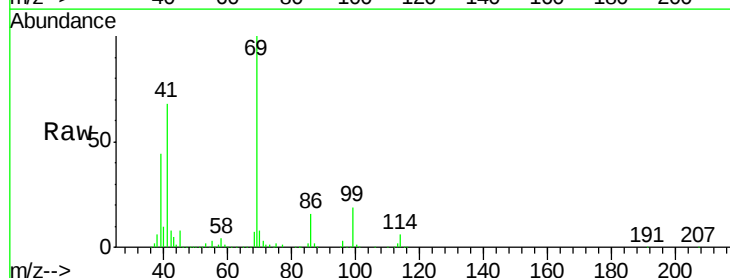
Manual Integrations  
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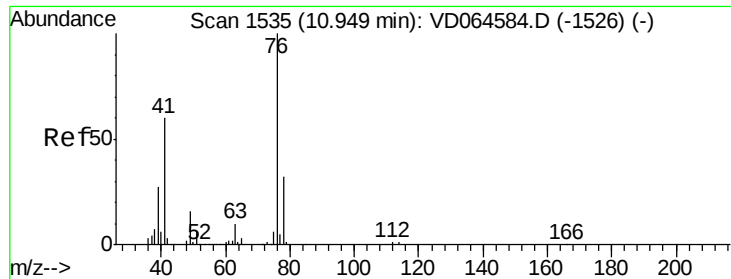
apatel  
 12/26/2019 11:14:03 AM



#56  
 Ethyl methacrylate  
 Concen: 145.771 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 69      | 100   | 576720 |       |       |
| 41      | 68.1  | 55.3   | 82.9  |       |
| 39      | 40.9  | 33.8   | 50.8  |       |





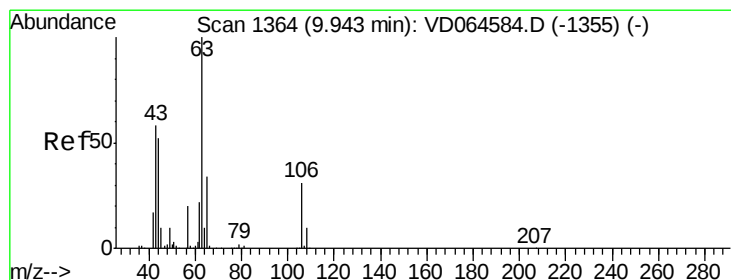
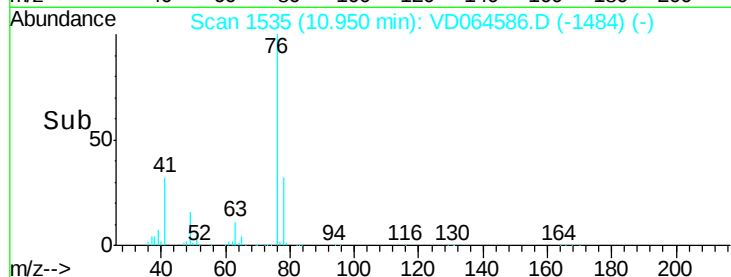
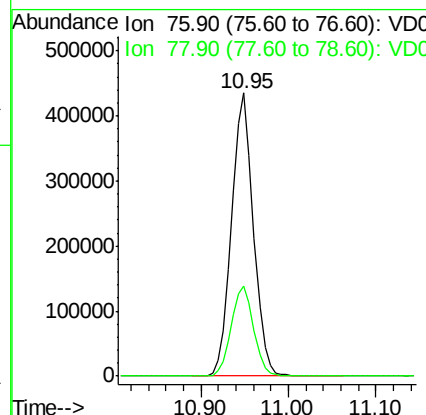
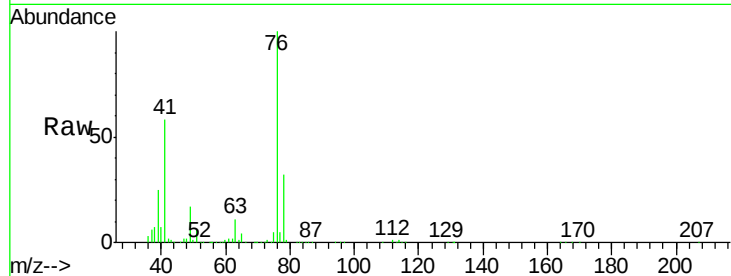
#57  
 1,3-Dichloropropane  
 Concen: 133.288 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

Tot Ion: 76 Resp: 743895  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 26.2 39.4

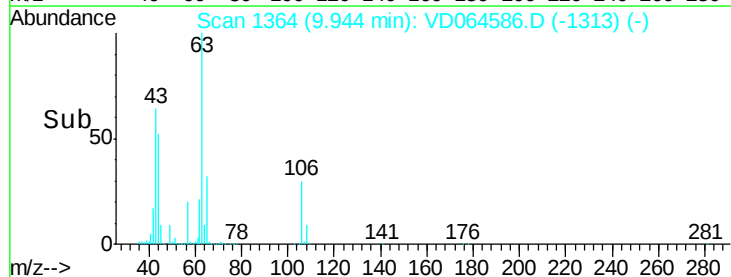
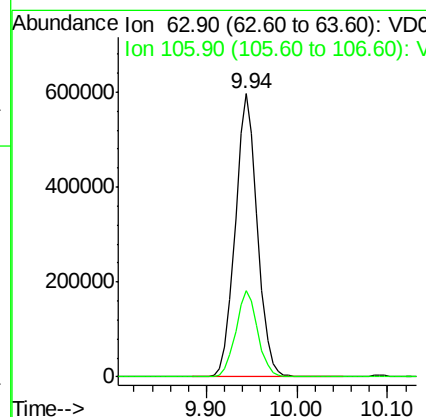
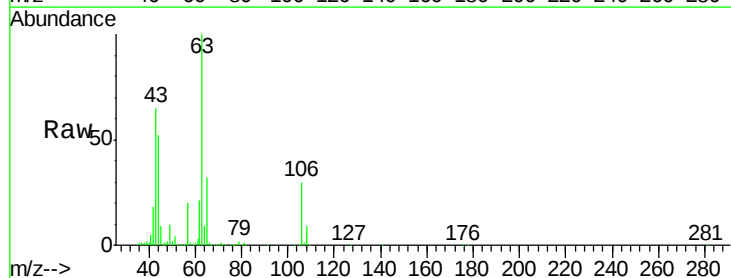
Manual Integrations  
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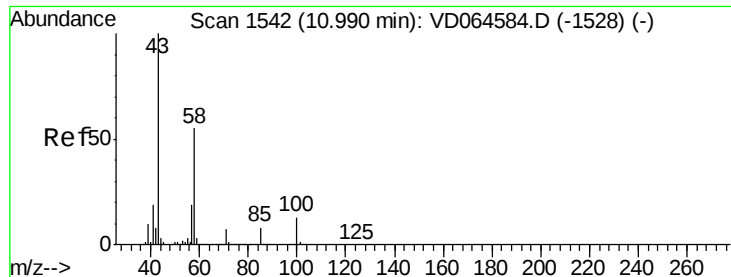
apatel  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 654.246 ug/l  
 RT: 9.94 min Scan# 1364  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Tgt Ion: 63 Resp: 1012458  
 Ion Ratio Lower Upper  
 63 100  
 106 30.2 23.8 35.8





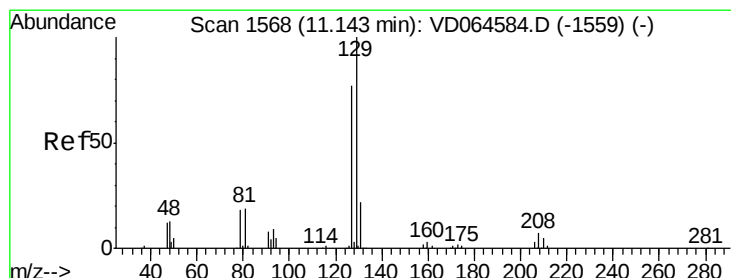
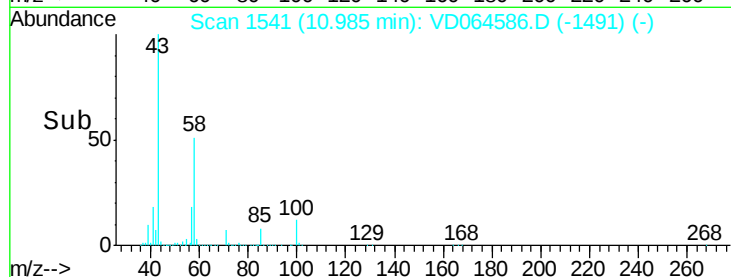
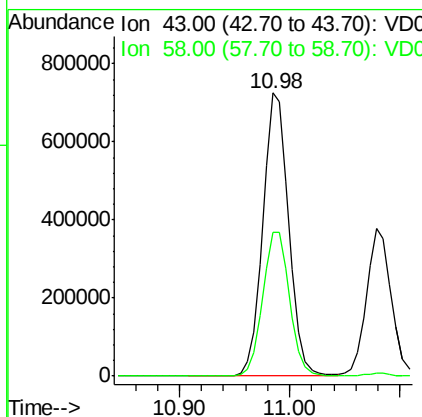
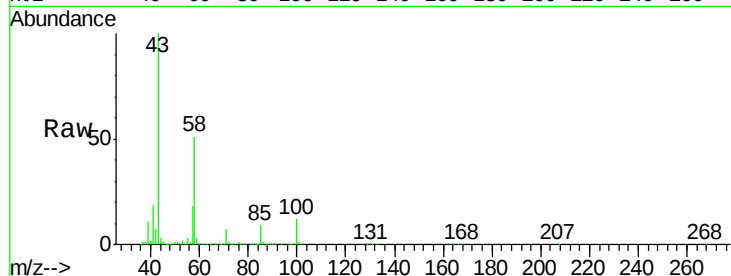
#59  
2-Hexanone  
Concen: 699.814 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion: 43 Resp: 1189775  
Ion Ratio Lower Upper  
43 100  
58 52.8 26.4 79.0

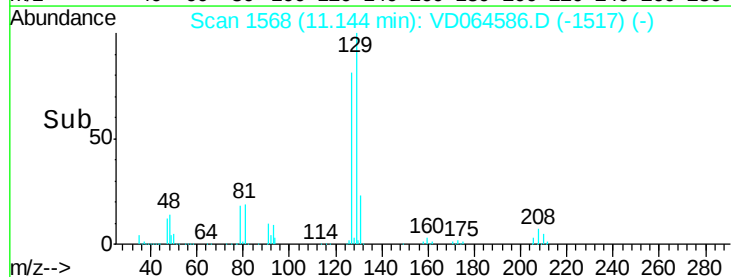
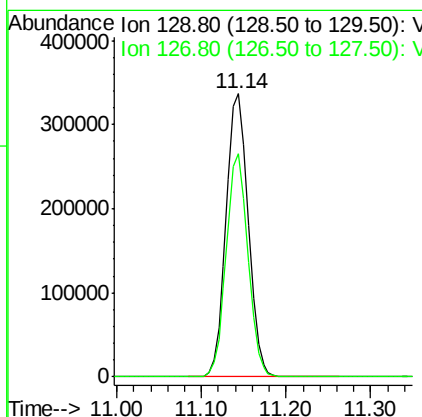
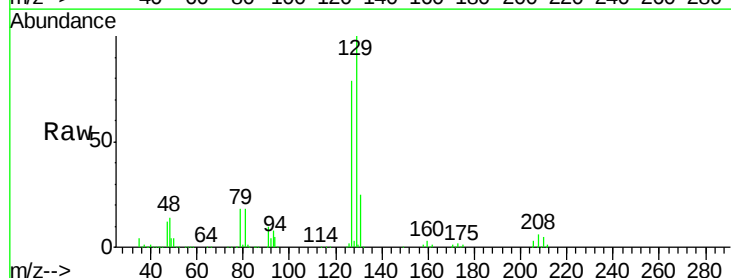
Manual Integrations  
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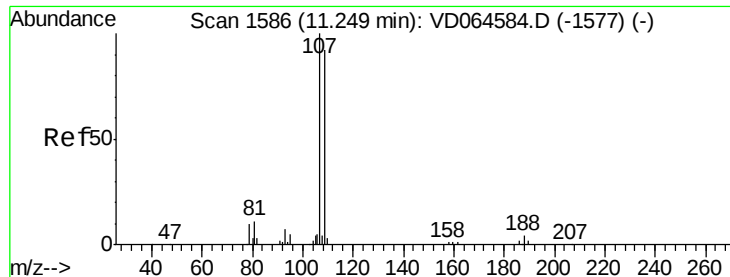
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#60  
Dibromochloromethane  
Concen: 137.347 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 129 Resp: 610732  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.4 115.2





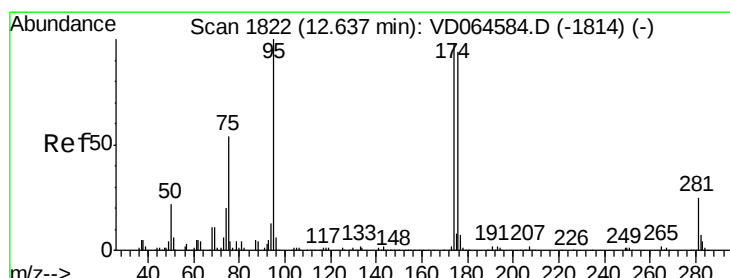
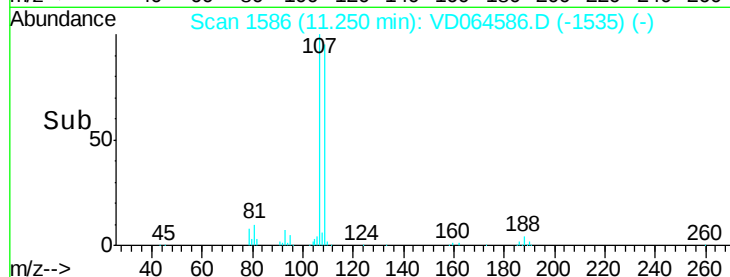
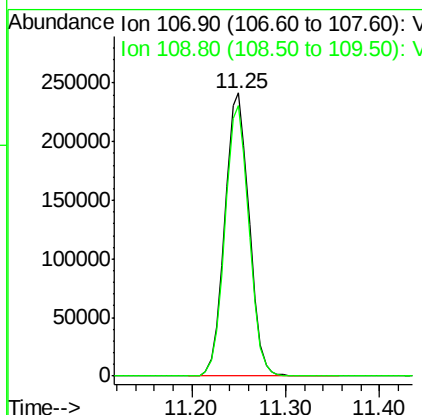
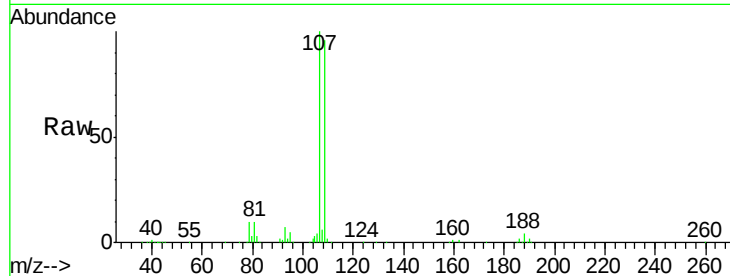
#61  
 1,2-Dibromoethane  
 Concen: 136.259 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

Tot Ion: 107 Resp: 432870  
 Ion Ratio Lower Upper  
 107 100  
 109 94.9 75.6 113.4

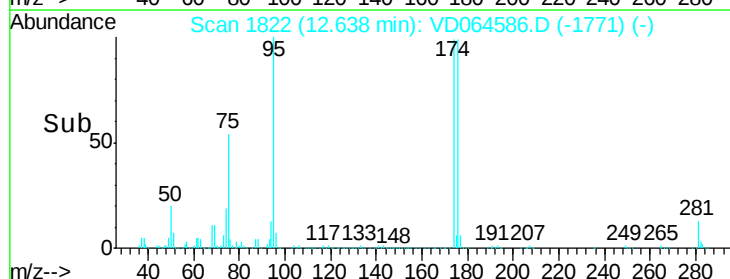
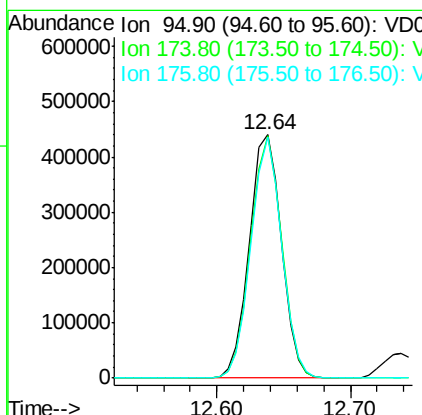
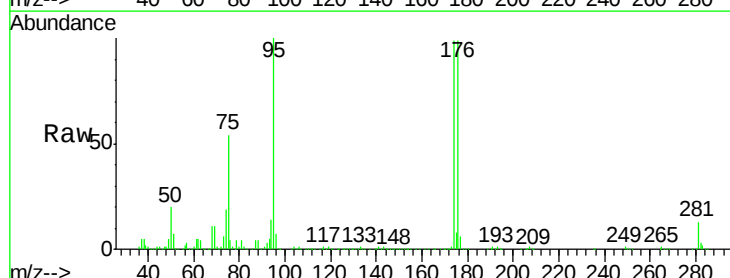
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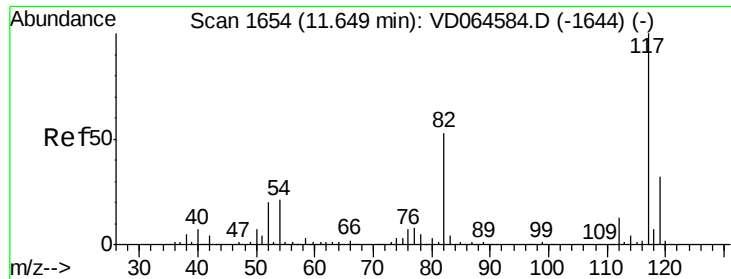
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#62  
 4-Bromofluorobenzene  
 Concen: 146.929 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Tgt Ion: 95 Resp: 730795  
 Ion Ratio Lower Upper  
 95 100  
 174 96.3 0.0 193.2  
 176 94.7 0.0 184.2





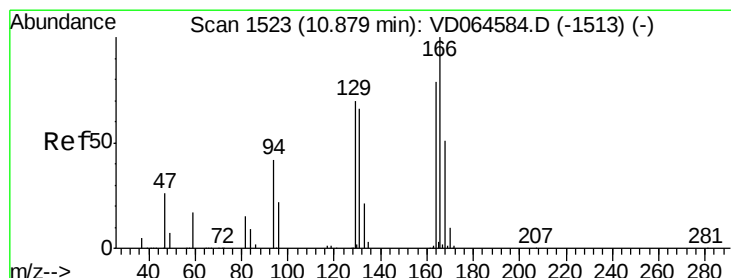
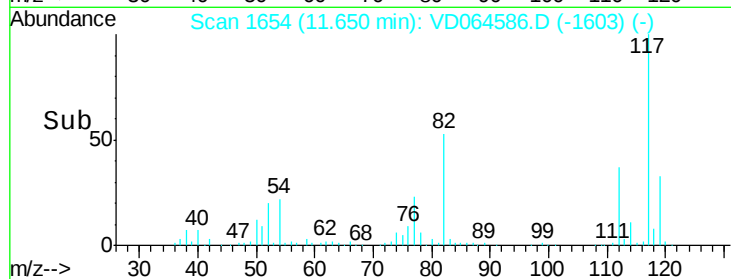
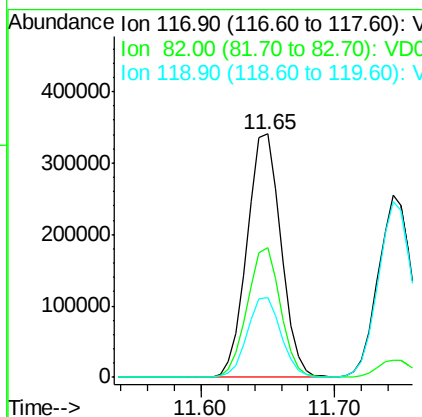
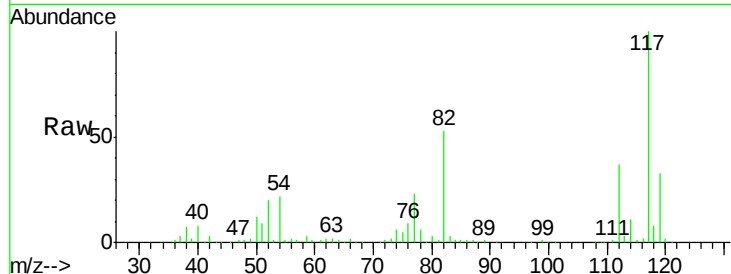
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.2  | 42.2  | 63.4  |
| 119     | 32.8  | 26.0  | 39.0  |

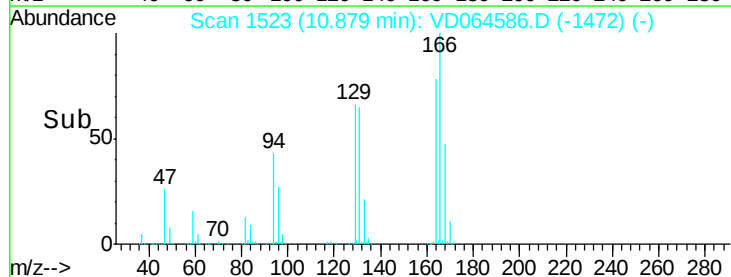
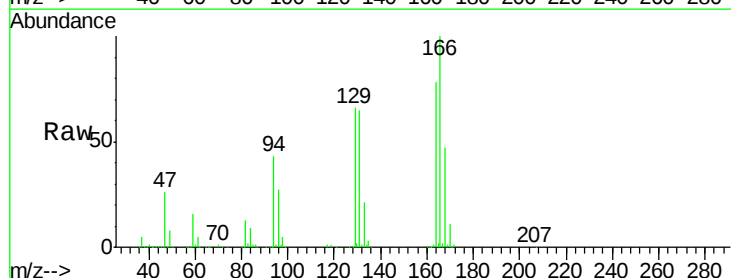
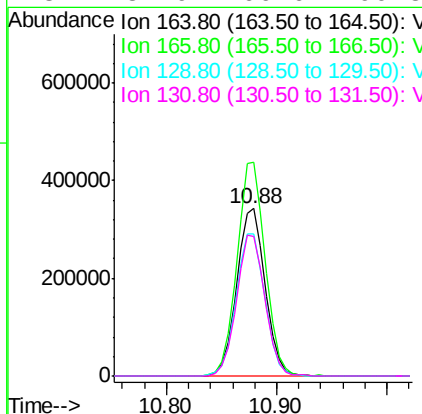
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#64  
Tetrachloroethene  
Concen: 129.866 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.5 | 101.3 | 151.9 |
| 129     | 84.6  | 70.5  | 105.7 |
| 131     | 82.9  | 66.6  | 99.8  |





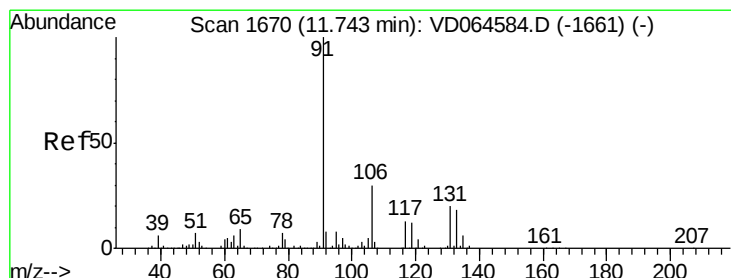
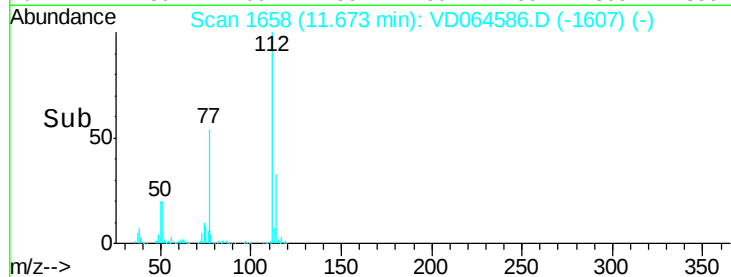
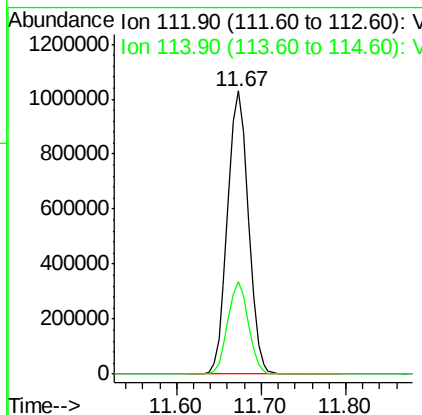
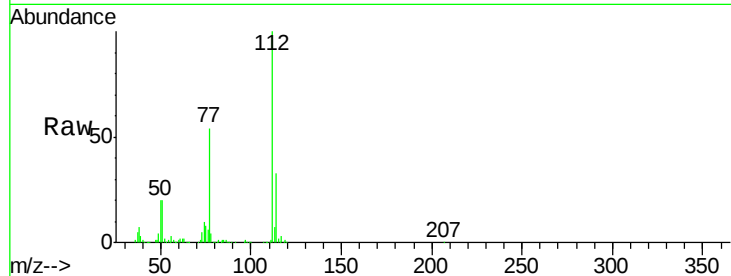
#65  
Chlorobenzene  
Concen: 137.332 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC150

Tot Ion:112 Resp: 1751931  
Ion Ratio Lower Upper  
112 100  
114 32.6 24.8 37.2

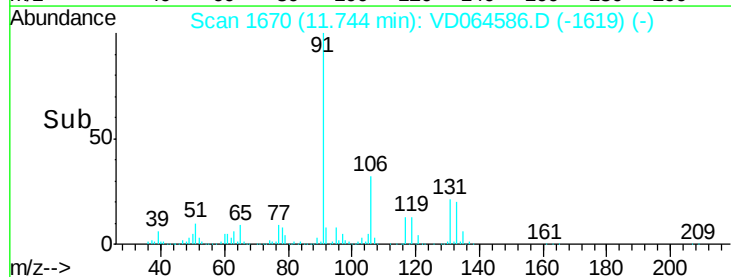
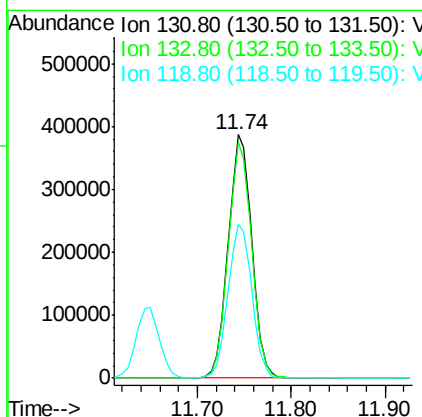
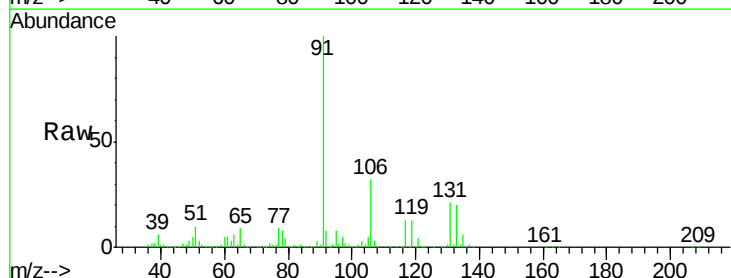
Manual Integrations  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 142.110 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion:131 Resp: 673799  
Ion Ratio Lower Upper  
131 100  
133 96.2 48.3 144.8  
119 63.9 32.1 96.3





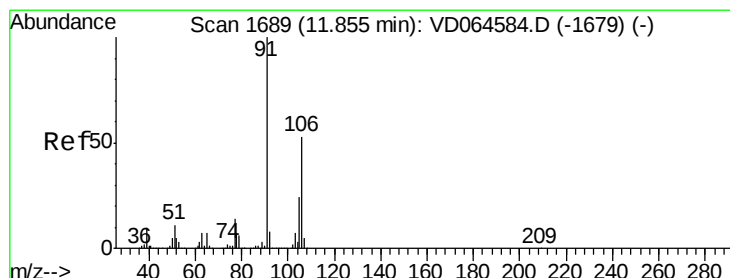
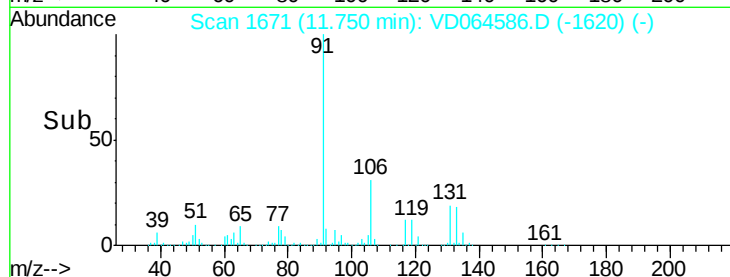
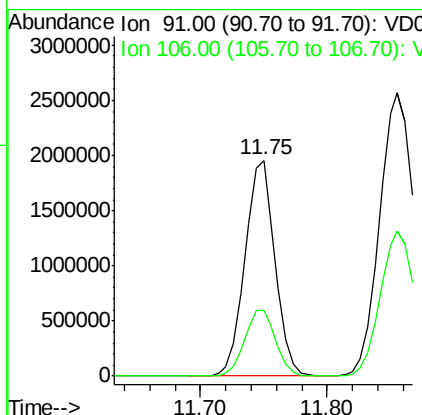
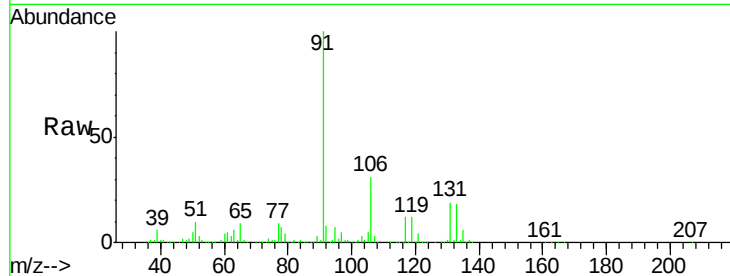
#67  
Ethyl Benzene  
Concen: 140.482 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion: 91 Resp: 3221292  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.6 36.8

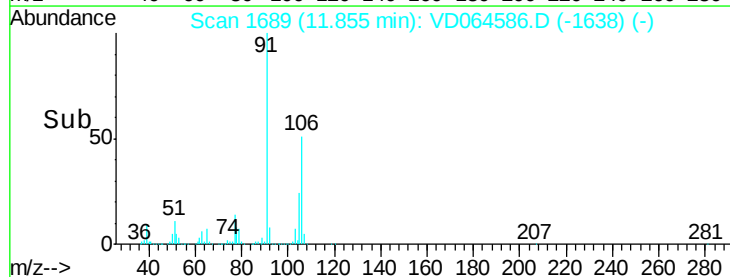
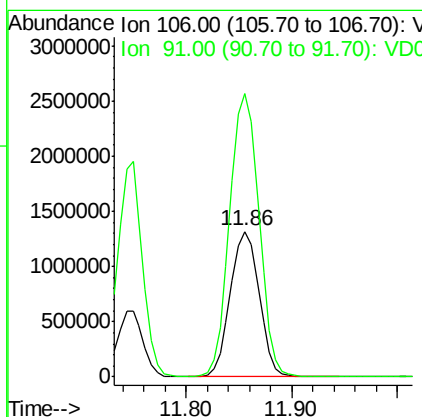
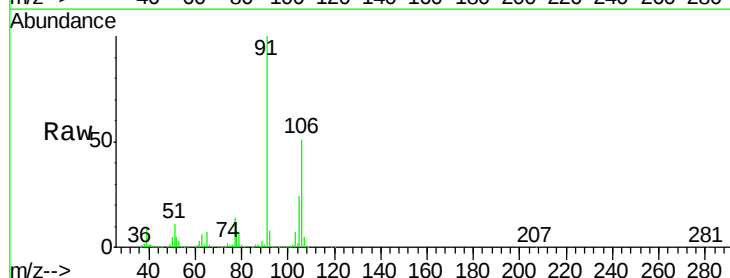
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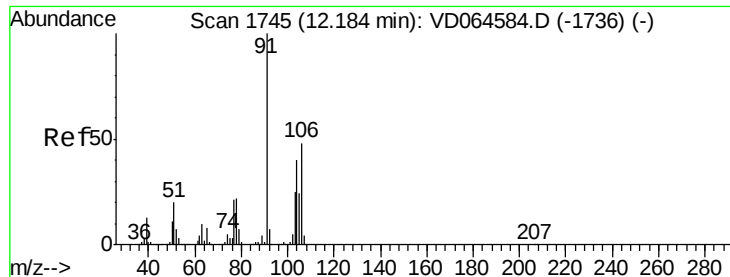
apatel  
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#68  
m/p-Xylenes  
Concen: 282.968 ug/l  
RT: 11.86 min Scan# 1689  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 106 Resp: 2499479  
Ion Ratio Lower Upper  
106 100  
91 196.9 156.3 234.5





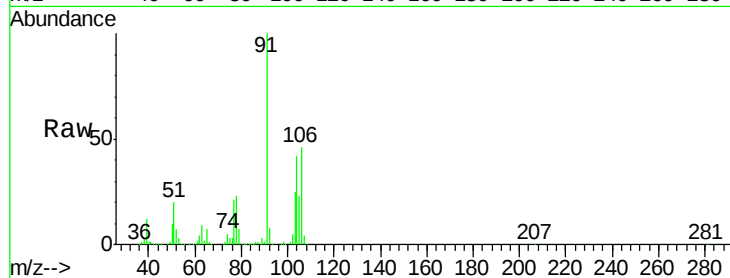
#69  
o-Xylene  
Concen: 143.289 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC150

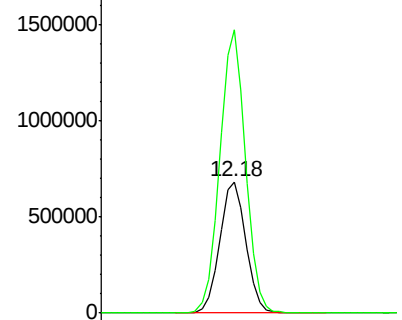
Tot Ion:106 Resp: 1137764  
Ion Ratio Lower Upper  
106 100  
91 210.9 104.8 314.4

Manual Integrations  
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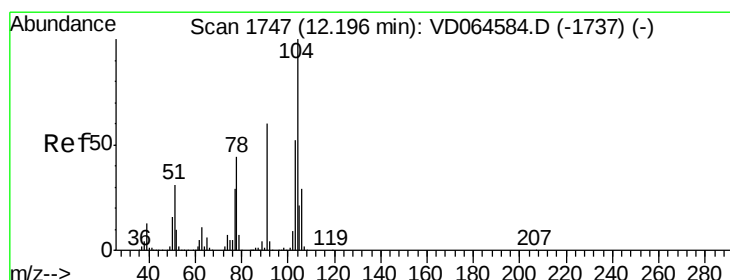
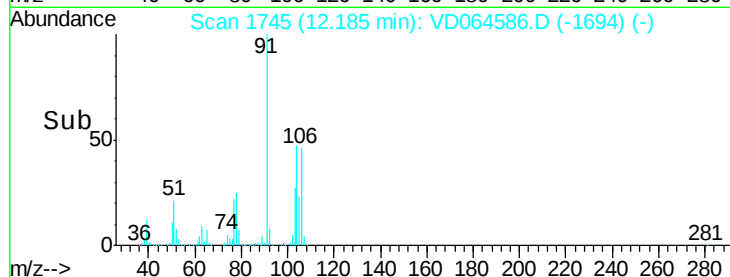
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Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): V

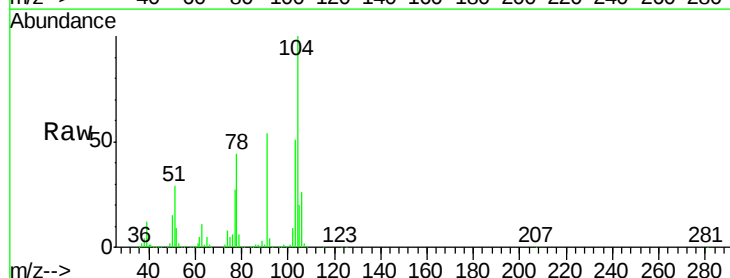


Time-->

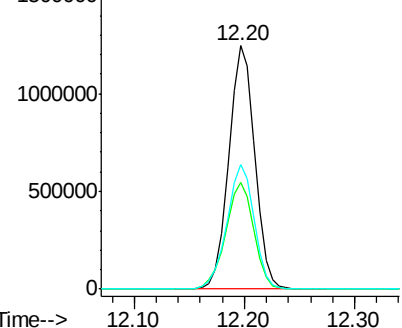


#70  
Styrene  
Concen: 149.336 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

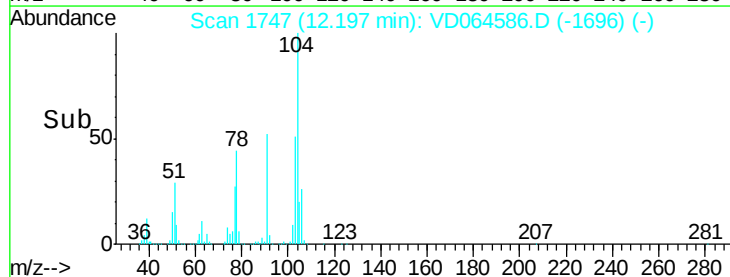
Tgt Ion:104 Resp: 2058554  
Ion Ratio Lower Upper  
104 100  
78 47.6 38.2 57.2  
103 53.8 44.6 67.0

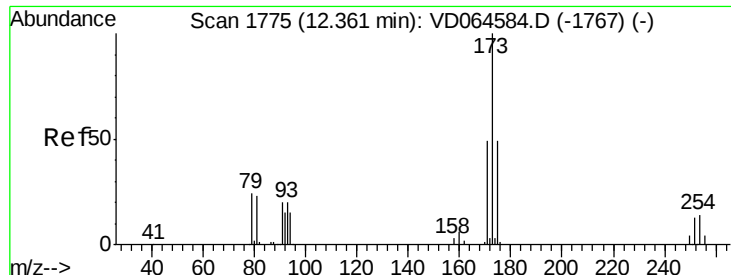


Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): V  
Ion 103.00 (102.70 to 103.70): V



Time-->





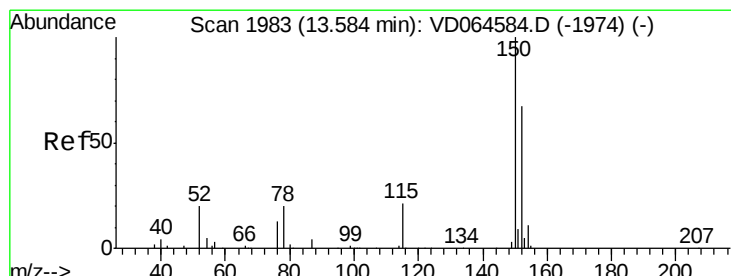
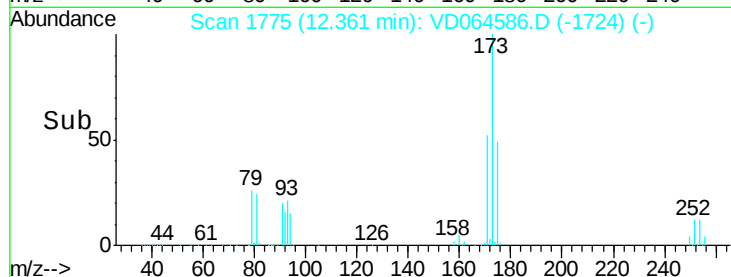
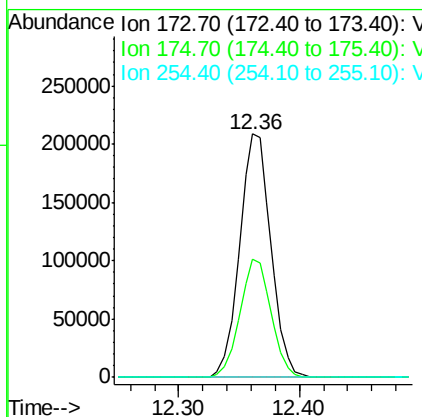
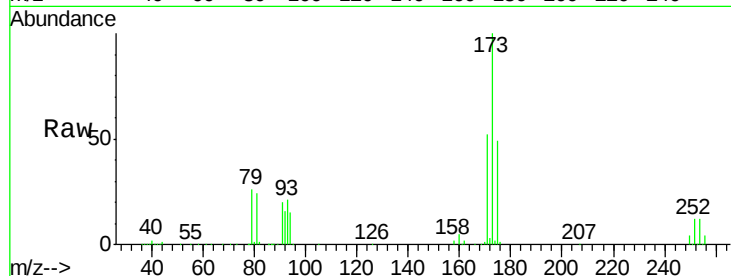
#71  
Bromoform  
Concen: 138.087 ug/l  
RT: 12.36 min Scan# 1775  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.4  | 24.6  | 73.8  |
| 254     | 0.2   | 0.1   | 0.1#  |

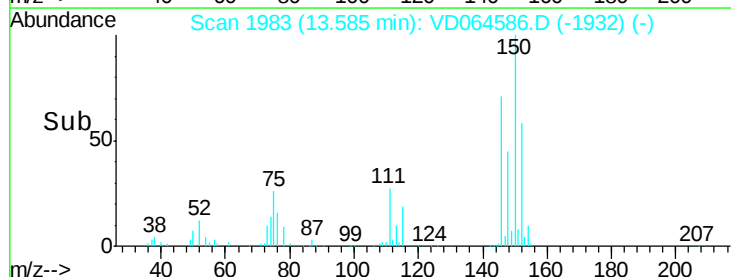
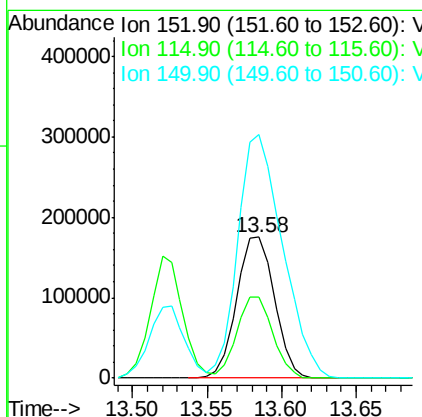
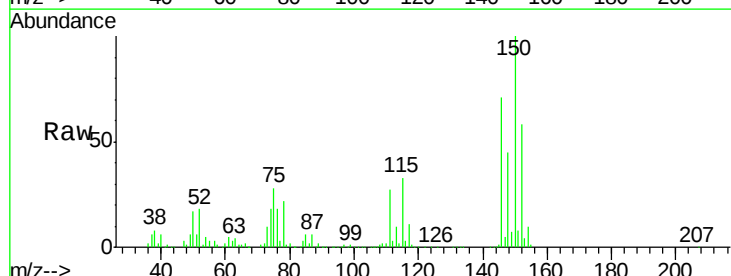
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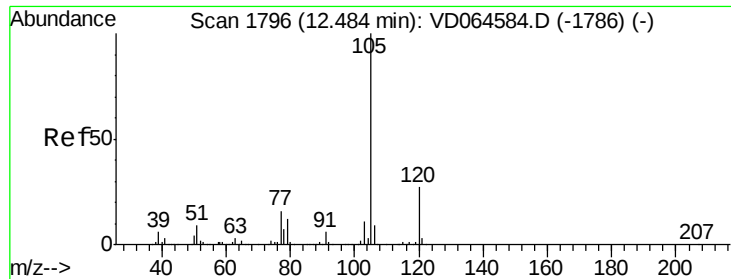
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1983  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.5  | 27.8  | 83.4  |
| 150     | 203.2 | 0.0   | 351.4 |





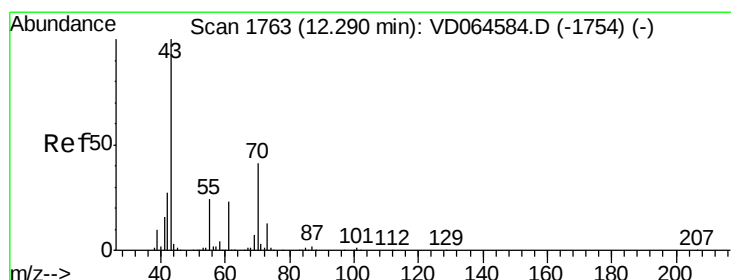
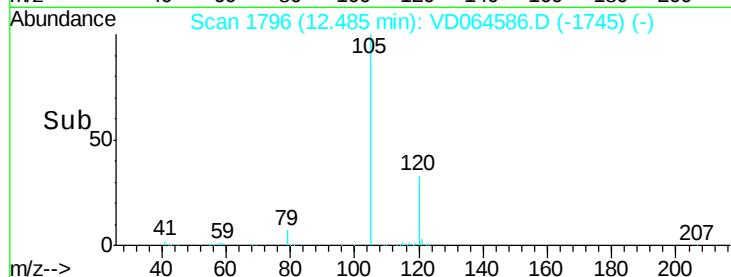
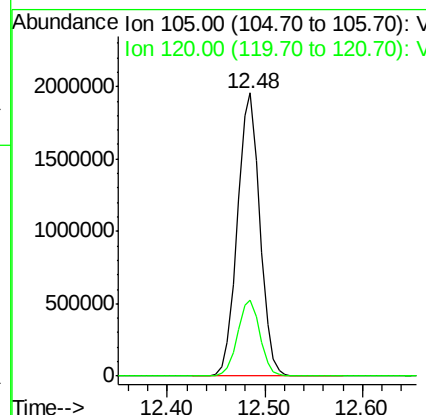
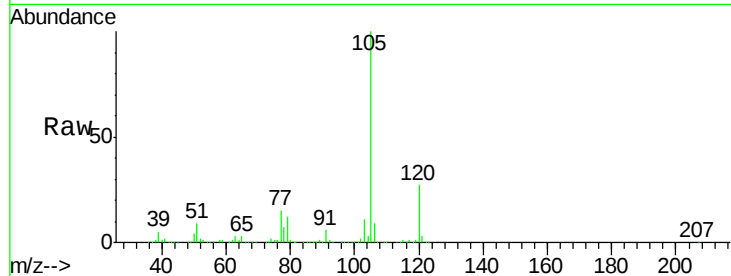
#73  
Isopropylbenzene  
Concen: 137.082 ug/l  
RT: 12.48 min Scan# 1796  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion:105 Resp: 3112509  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.5 40.5

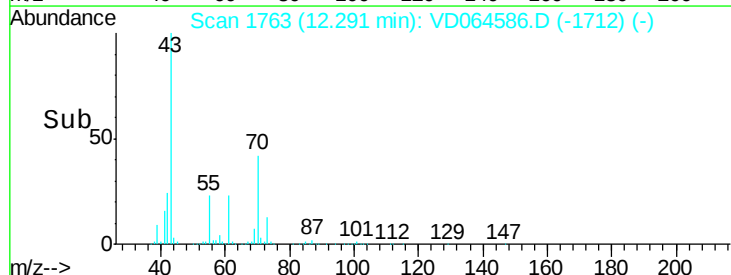
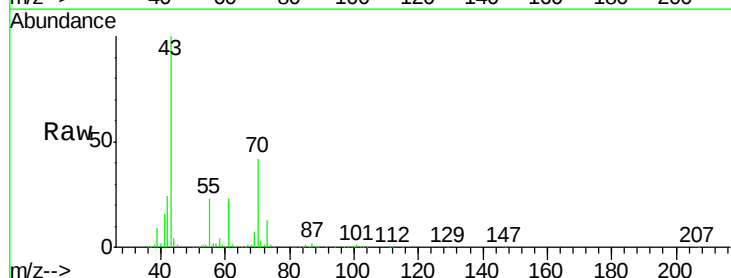
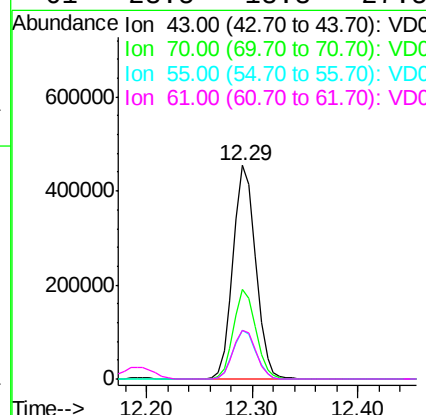
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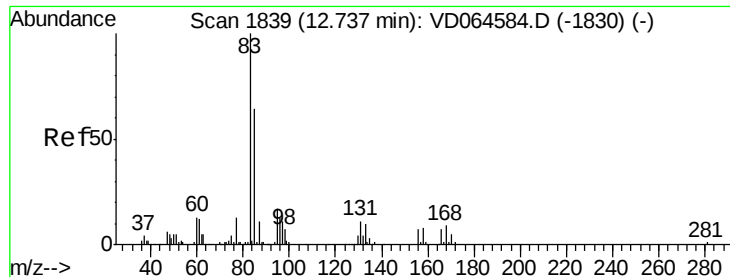
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#74  
N-ethyl acetate  
Concen: 139.539 ug/l  
RT: 12.29 min Scan# 1763  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 43 Resp: 671248  
Ion Ratio Lower Upper  
43 100  
70 41.4 33.4 50.0  
55 23.2 19.4 29.0  
61 23.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 124.858 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

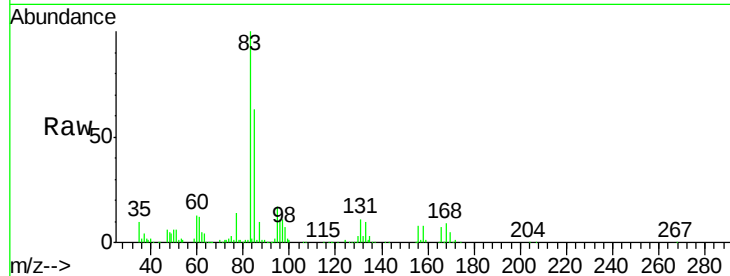
ClientSampleId :

VSTDIC150

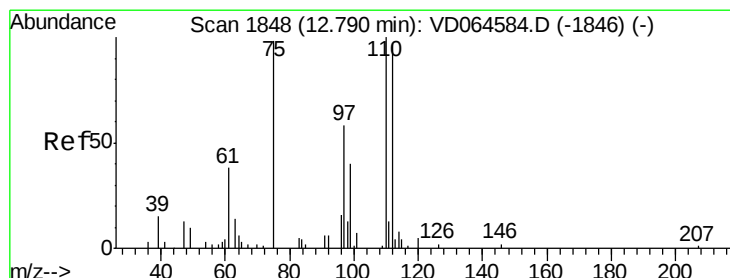
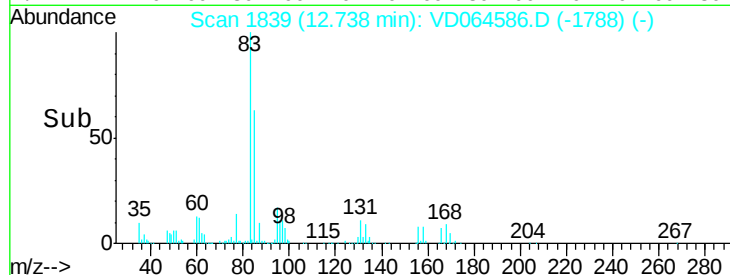
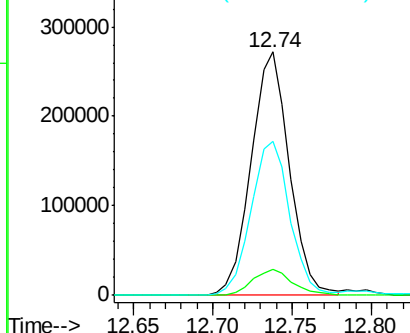
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 455934 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.5  | 5.8   | 17.4   |
| 85        | 64.3  | 32.3  | 96.9   |

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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: 80.364 ug/l m

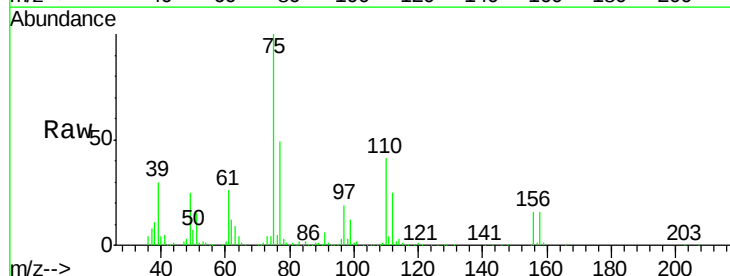
RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

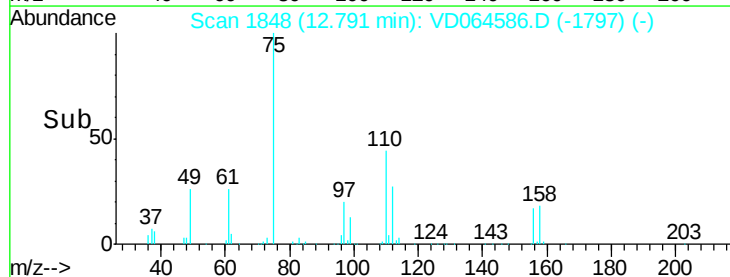
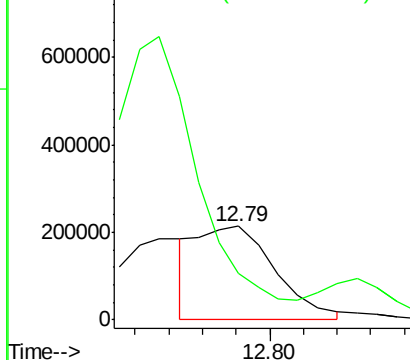
Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 348010 |
| 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: 131.843 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

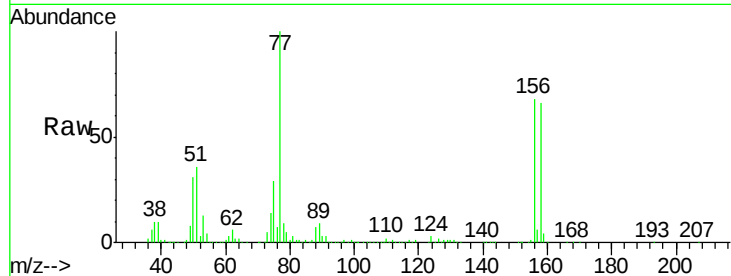
ClientSampleId :

VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 162.3 | 80.9  | 242.7 |
| 158     | 97.9  | 48.0  | 144.2 |

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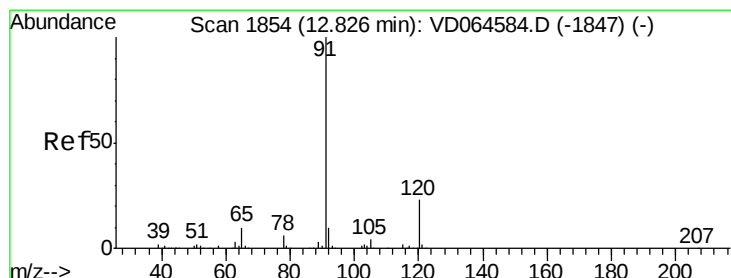
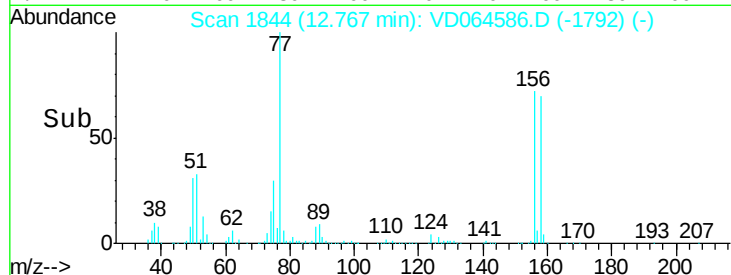
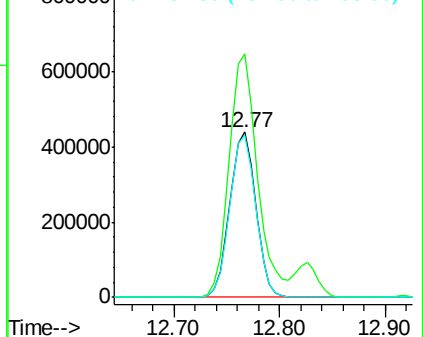
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 135.579 ug/l

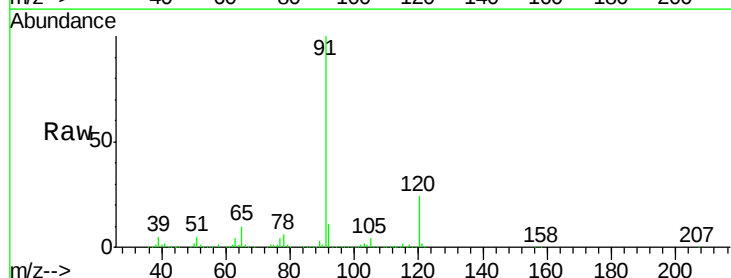
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064586.D

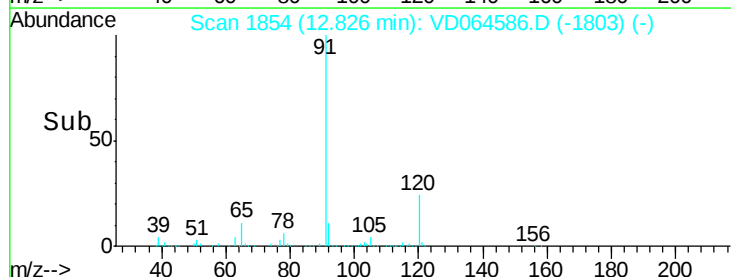
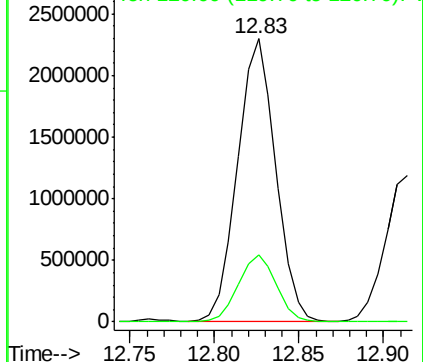
Acq: 24 Dec 2019 12:42

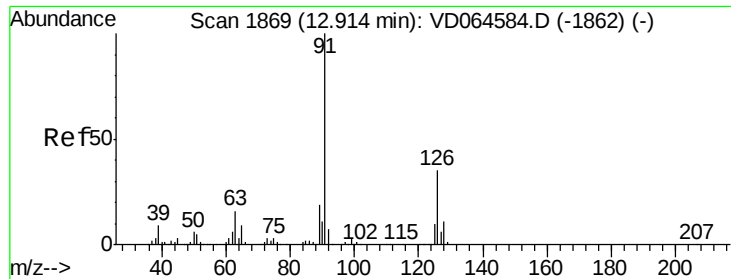
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.8  | 11.9  | 35.9  |



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 132.565 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1946483

Ion Ratio Lower Upper

91 100

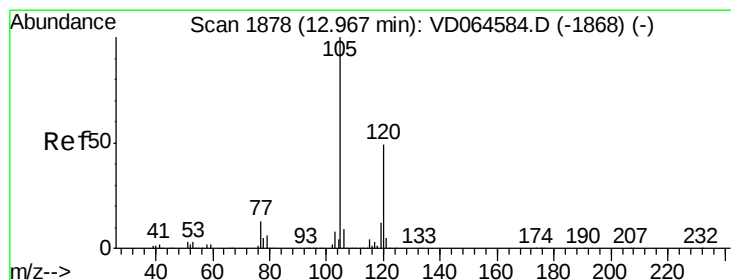
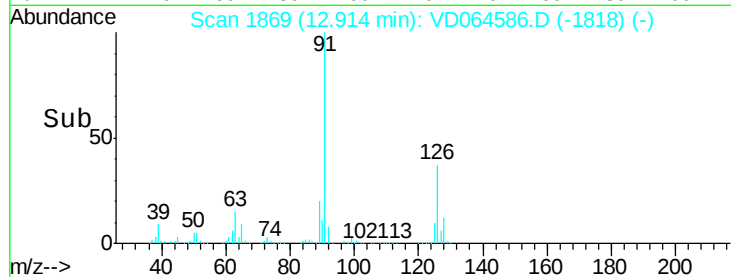
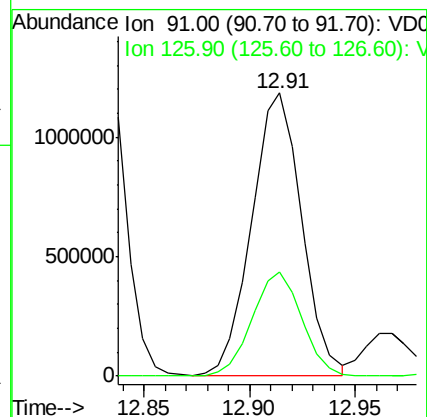
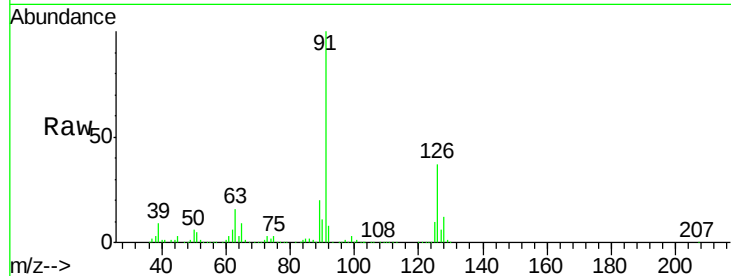
126 36.4 17.8 53.5

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#80

1,3,5-Trimethylbenzene

Concen: 138.626 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064586.D

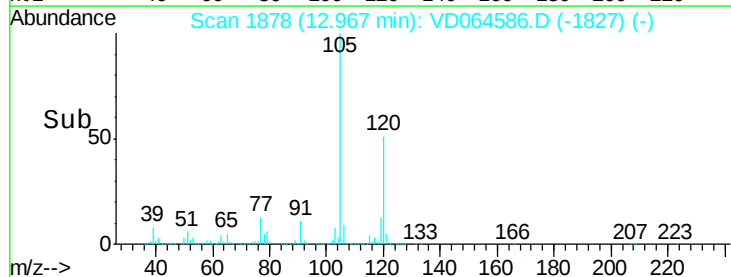
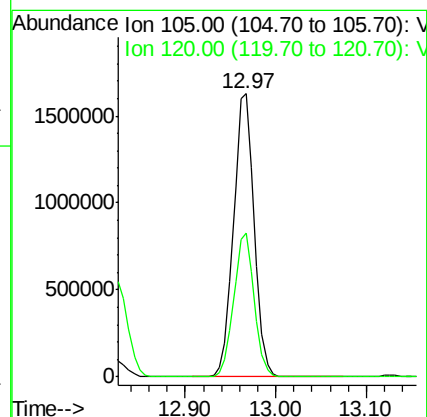
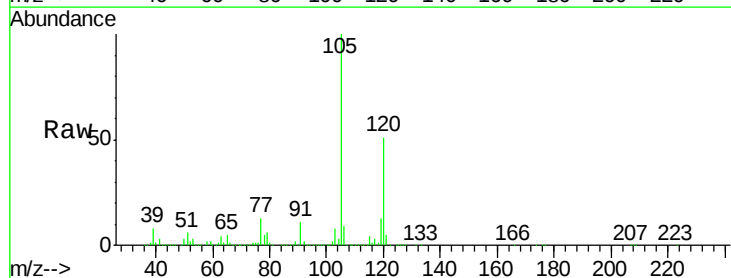
Acq: 24 Dec 2019 12:42

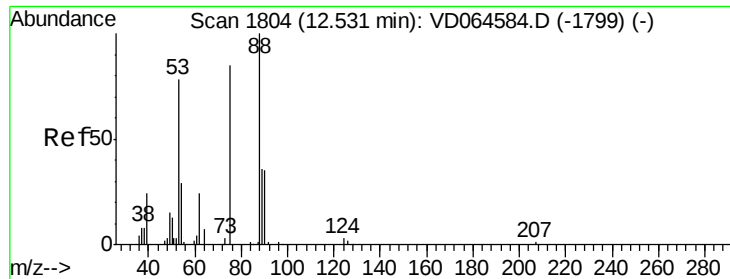
Tgt Ion:105 Resp: 2578481

Ion Ratio Lower Upper

105 100

120 50.2 25.0 75.0





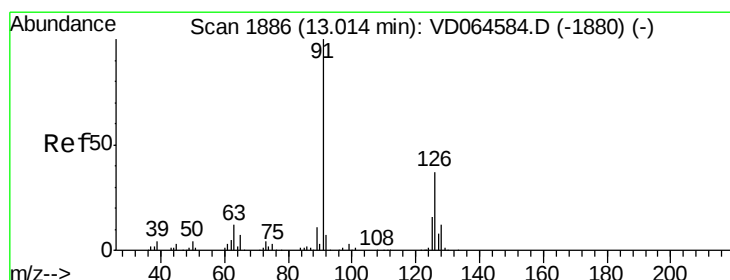
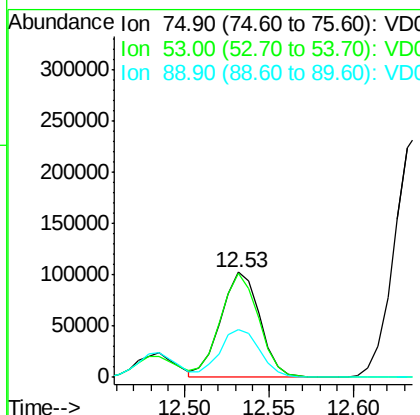
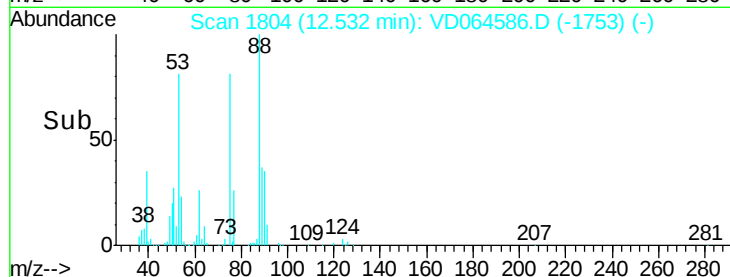
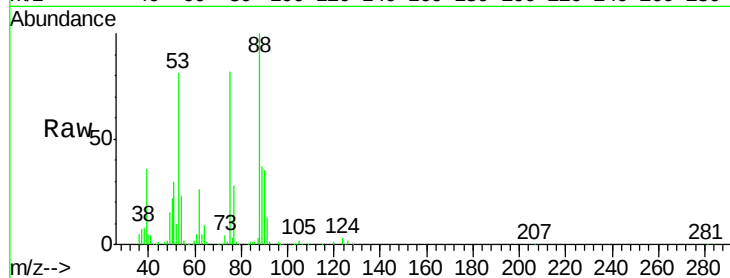
#81  
trans-1,4-Dichloro-2-butene  
Concen: 136.236 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 98.3  | 78.8  | 118.2 |
| 89      | 46.4  | 38.3  | 57.5  |

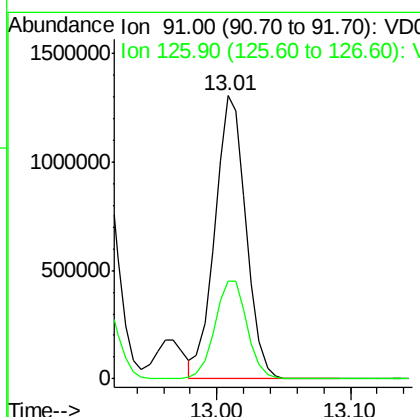
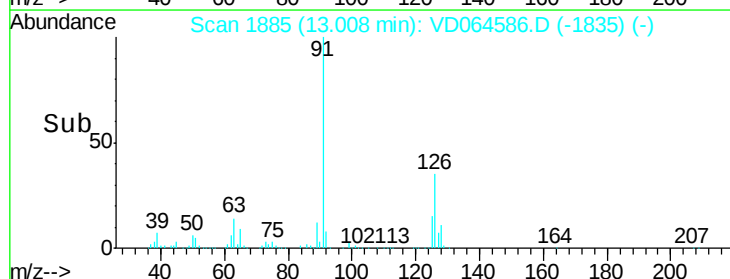
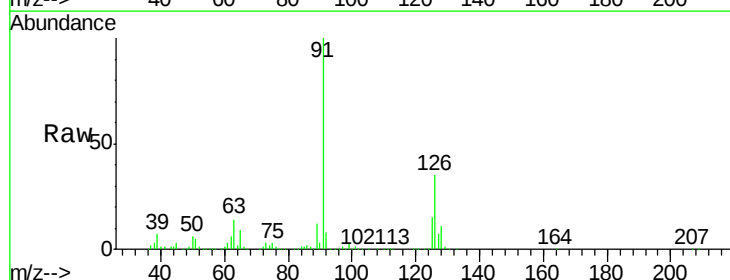
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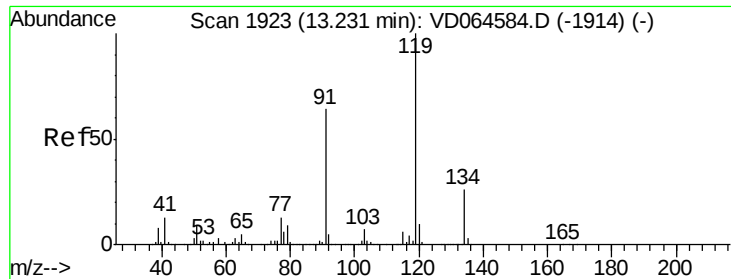
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#82  
4-Chlorotoluene  
Concen: 137.192 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. -0.01 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.9  | 17.8  | 53.5  |





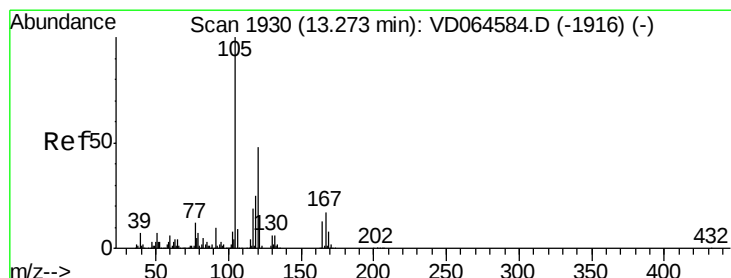
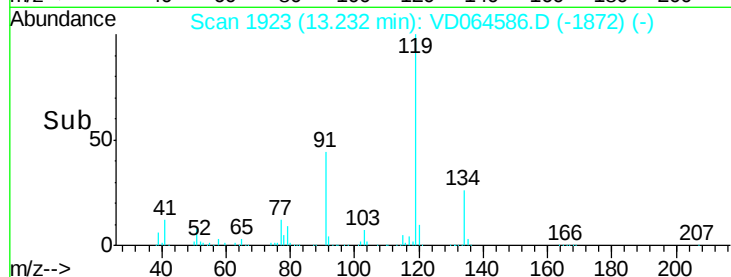
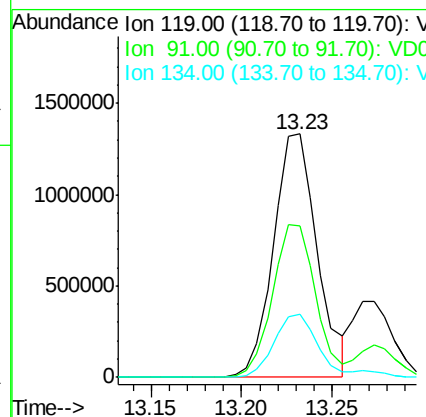
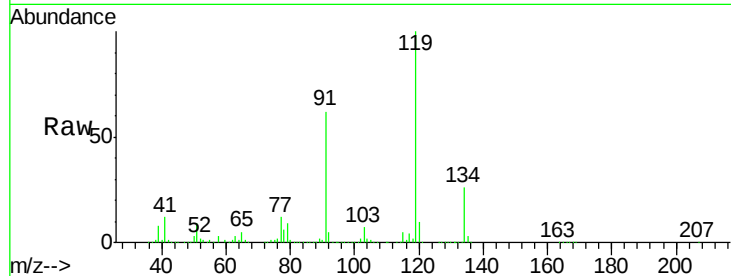
#83  
tert-Butylbenzene  
Concen: 139.236 ug/l  
RT: 13.23 min Scan# 1923  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion:119 Resp: 2243146  
Ion Ratio Lower Upper  
119 100  
91 61.7 30.8 92.4  
134 27.3 12.8 38.3

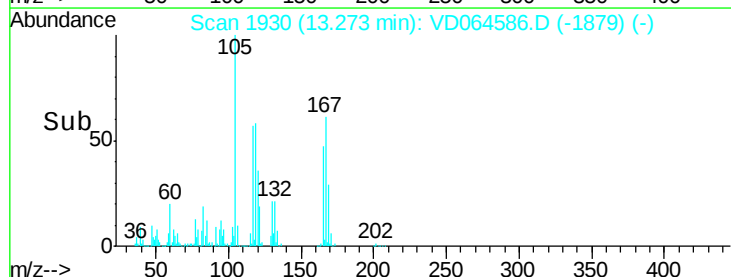
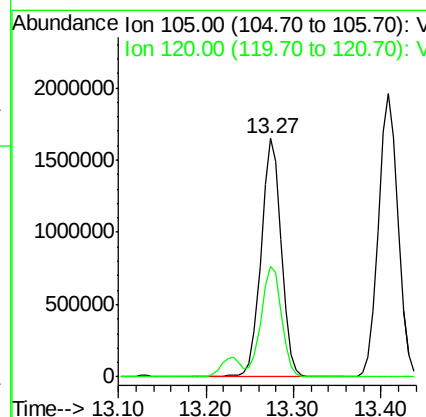
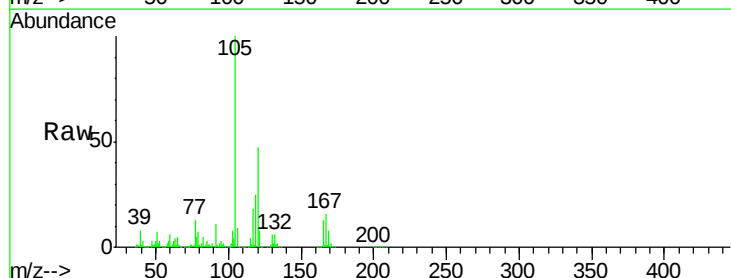
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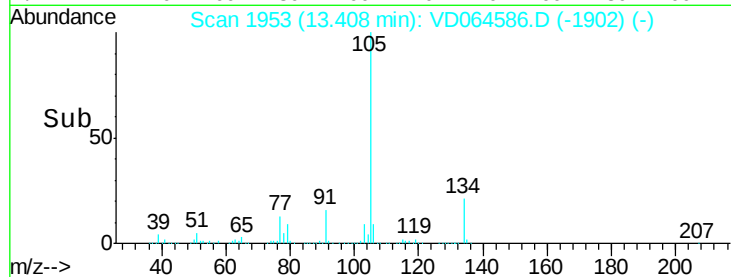
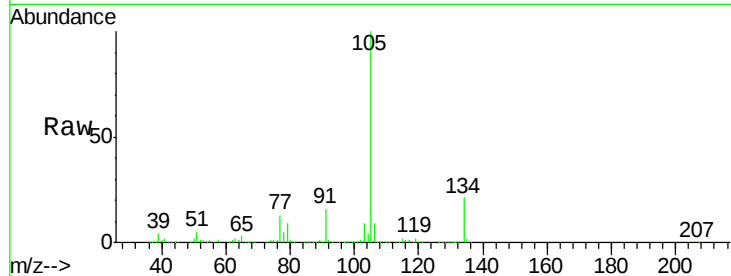
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#84  
1,2,4-Trimethylbenzene  
Concen: 140.934 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion:105 Resp: 2596898  
Ion Ratio Lower Upper  
105 100  
120 47.2 23.8 71.2





#85

sec-Butylbenzene

Concen: 138.111 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

Tot Ion:105 Resp: 3051883

Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8

Instrument :

MSVOA\_D

ClientSampleId :

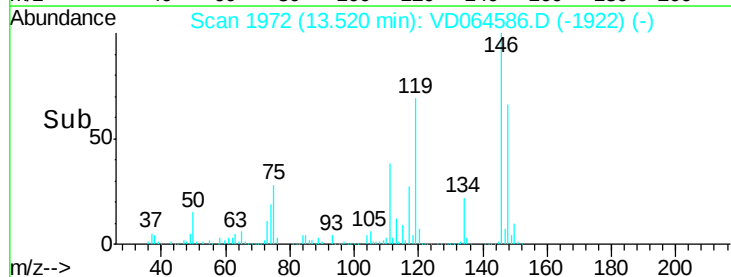
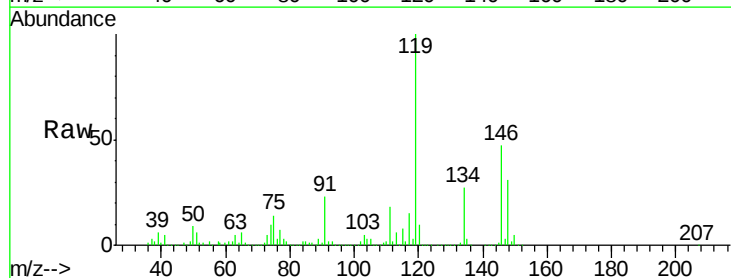
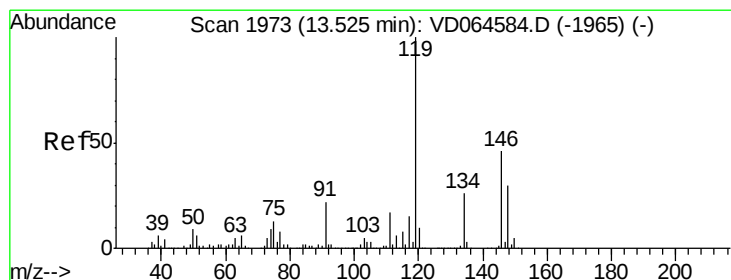
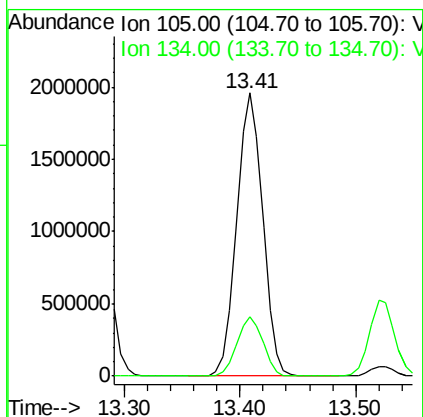
VSTDIC150

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#86

p-Isopropyltoluene

Concen: 140.586 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD064586.D

Acq: 24 Dec 2019 12:42

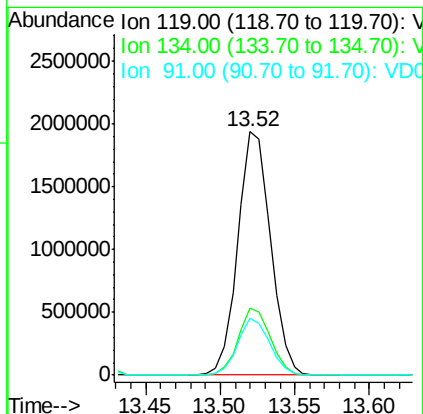
Tgt Ion:119 Resp: 2952396

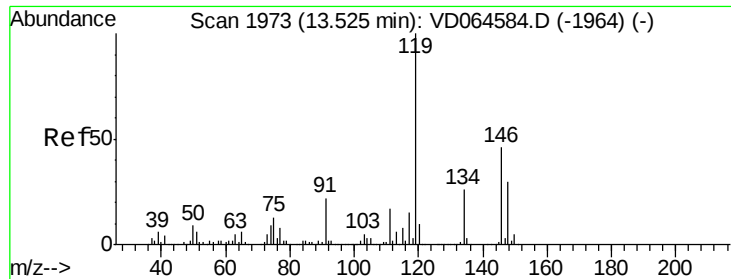
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.7 11.2 33.6





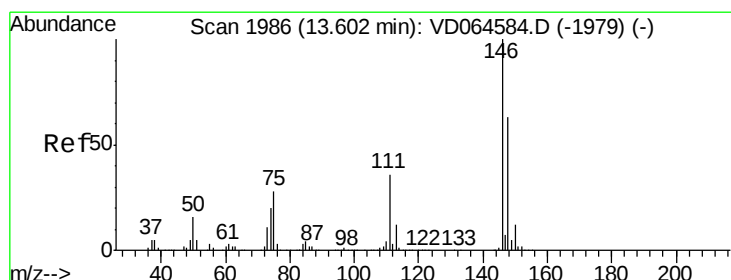
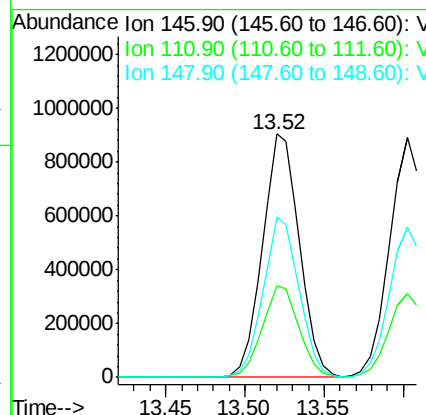
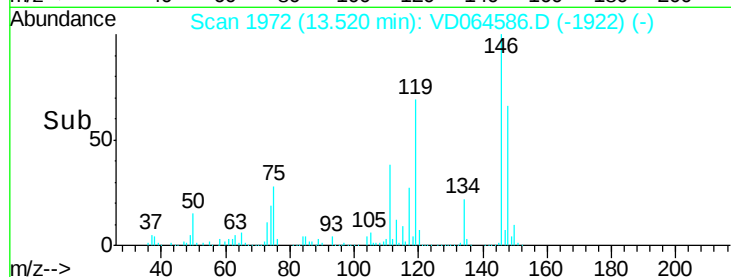
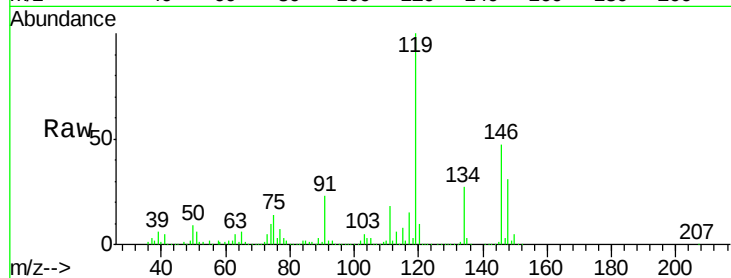
#87  
 1,3-Dichlorobenzene  
 Concen: 137.897 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.01 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

Tot Ion:146 Resp: 1462447  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 18.8 56.4  
 148 64.3 32.5 97.5

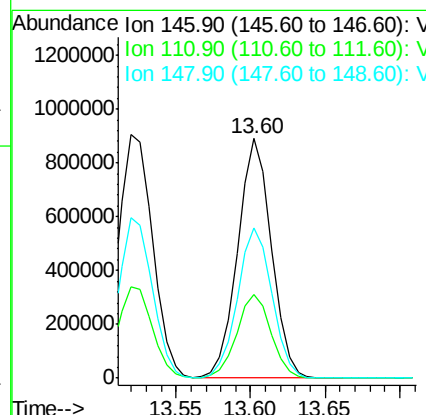
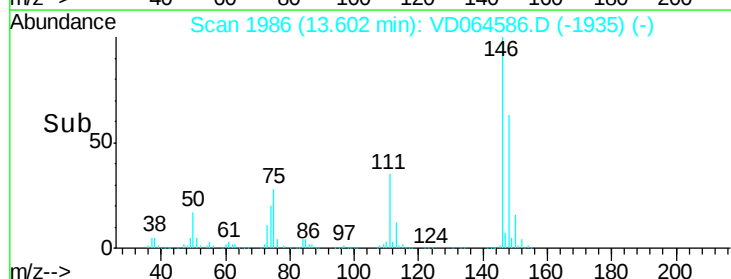
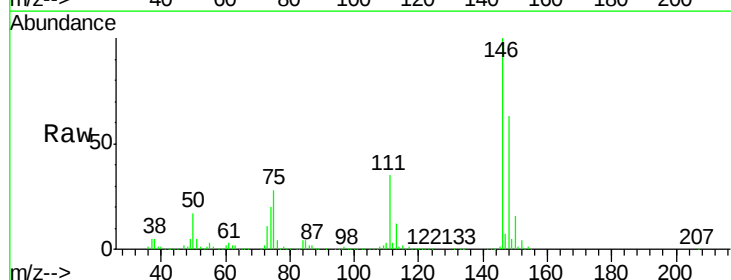
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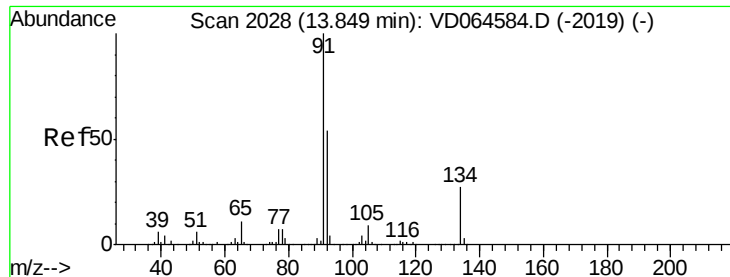
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#88  
 1,4-Dichlorobenzene  
 Concen: 132.953 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Tgt Ion:146 Resp: 1401027  
 Ion Ratio Lower Upper  
 146 100  
 111 35.5 18.1 54.1  
 148 64.2 32.3 96.9





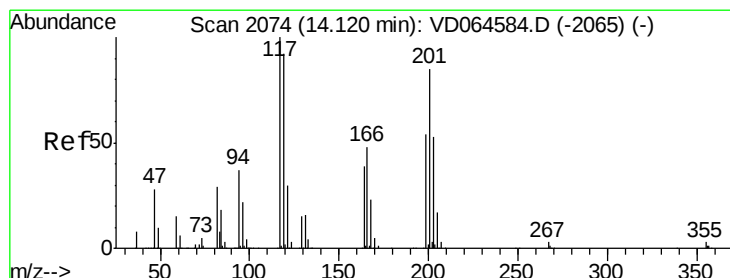
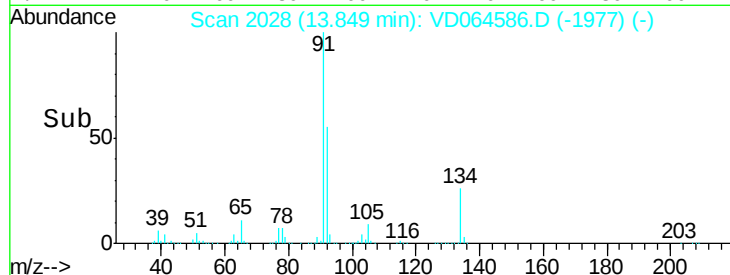
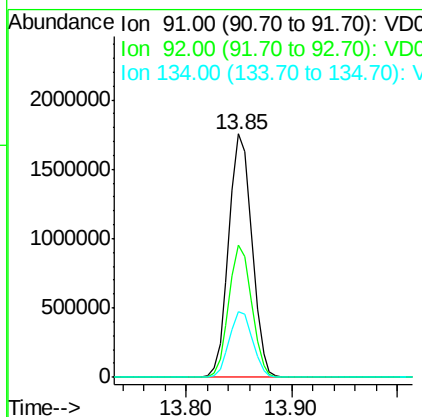
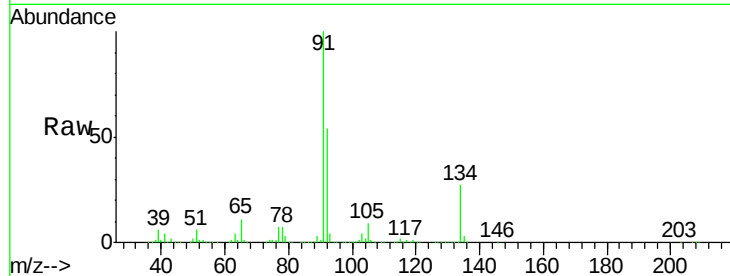
#89  
n-Butylbenzene  
Concen: 139.298 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion: 91 Resp: 2647832  
Ion Ratio Lower Upper  
91 100  
92 53.7 26.8 80.4  
134 27.1 14.0 41.9

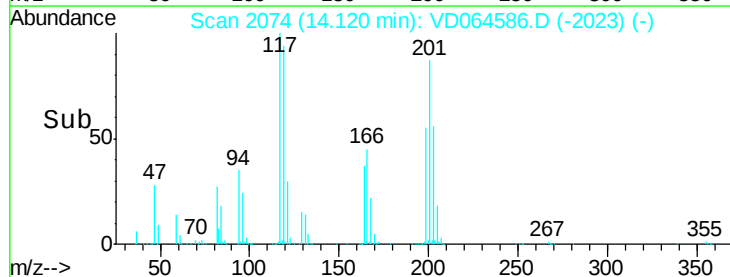
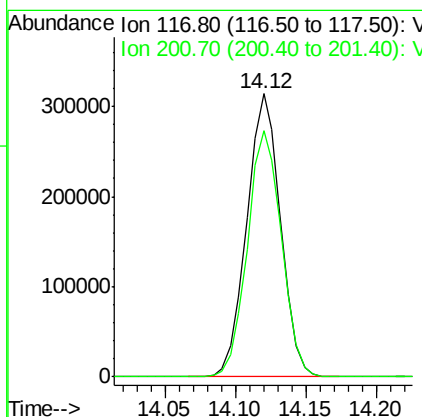
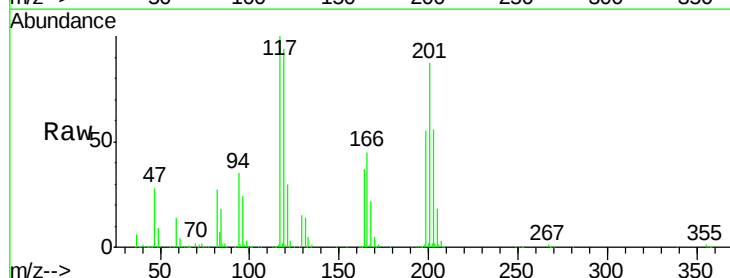
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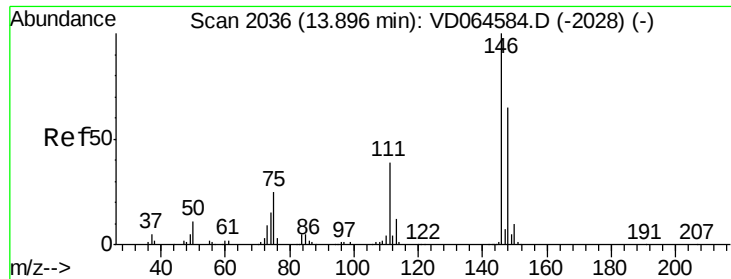
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#90  
Hexachloroethane  
Concen: 127.246 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Tgt Ion: 117 Resp: 527360  
Ion Ratio Lower Upper  
117 100  
201 87.7 44.0 131.8





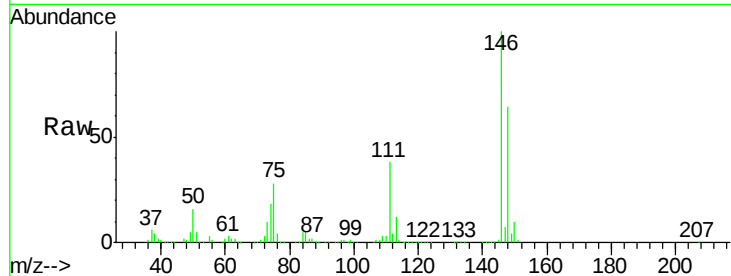
#91  
 1,2-Dichlorobenzene  
 Concen: 133.165 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDIC150

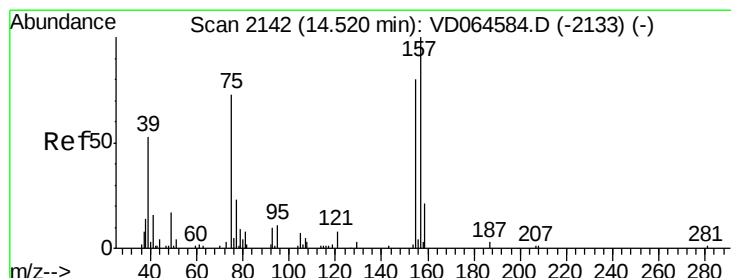
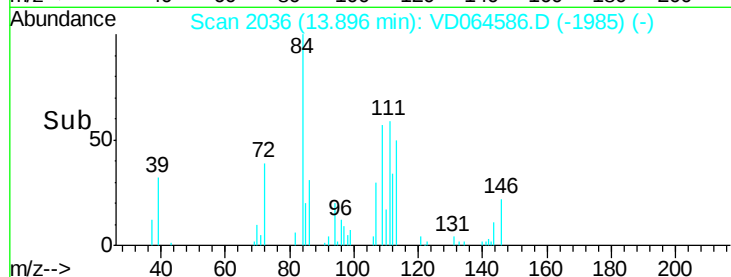
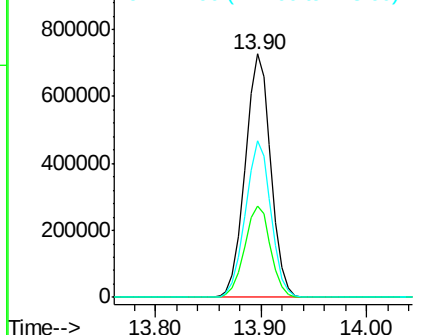
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 19.3  | 57.9  |
| 148     | 64.3  | 31.9  | 95.5  |

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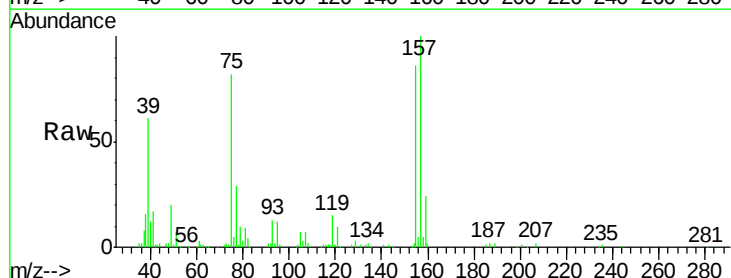


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

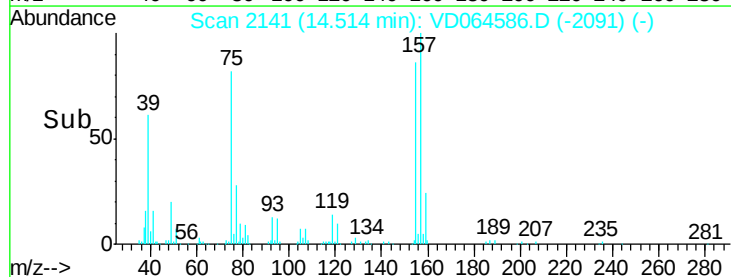
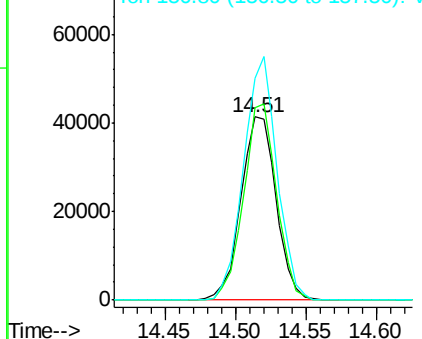


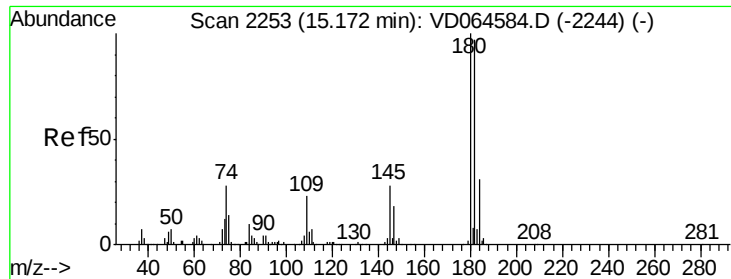
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 121.703 ug/l  
 RT: 14.51 min Scan# 2141  
 Delta R.T. -0.01 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 99.9  | 48.0  | 144.0 |
| 157     | 125.6 | 64.1  | 192.3 |



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V





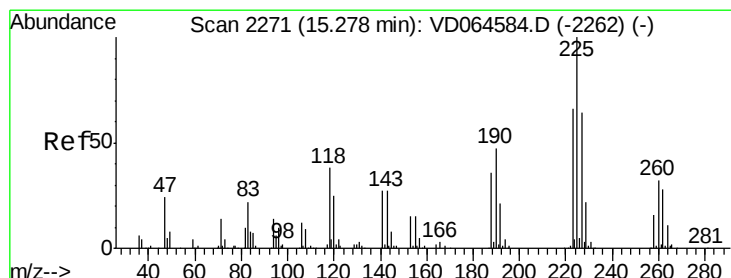
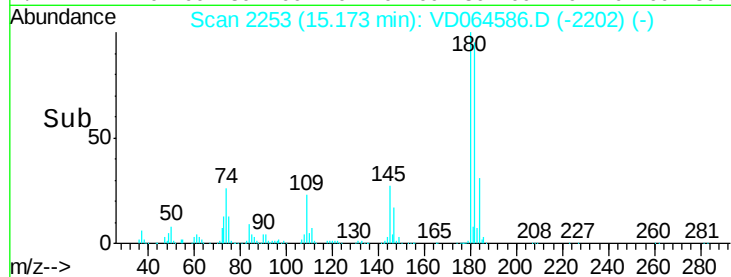
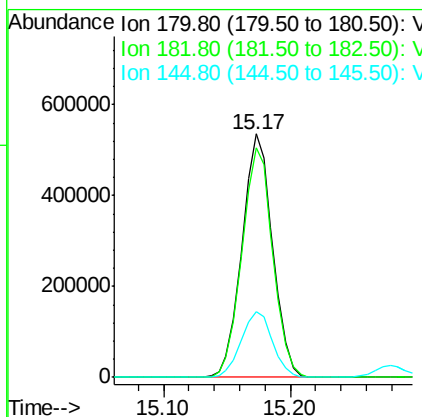
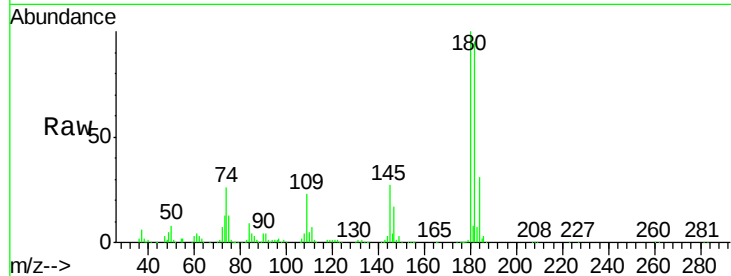
#93  
 1,2,4-Trichlorobenzene  
 Concen: 132.253 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 892459 |       |       |
| 182     | 95.4  | 48.0   | 144.2 |       |
| 145     | 27.8  | 13.8   | 41.4  |       |

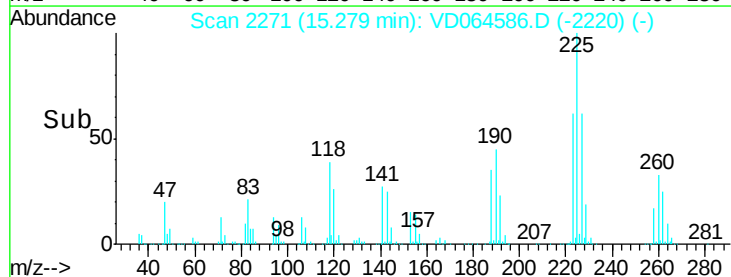
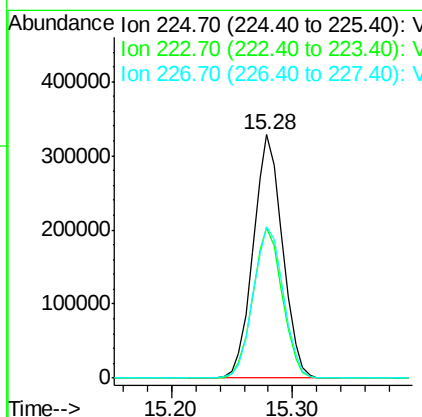
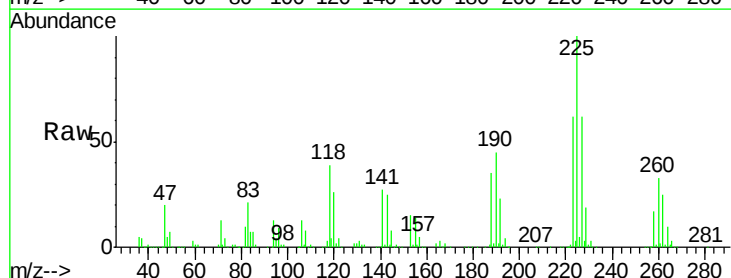
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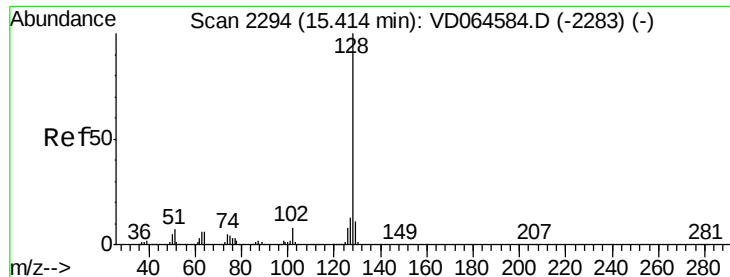
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#94  
 Hexachlorobutadiene  
 Concen: 129.599 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. 0.00 min  
 Lab File: VD064586.D  
 Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 552000 |       |       |
| 223     | 62.1  | 31.1   | 93.2  |       |
| 227     | 64.0  | 30.9   | 92.7  |       |





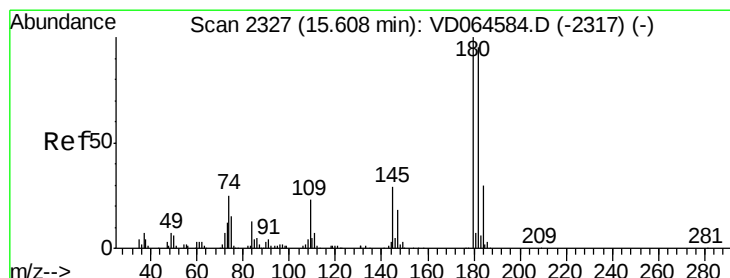
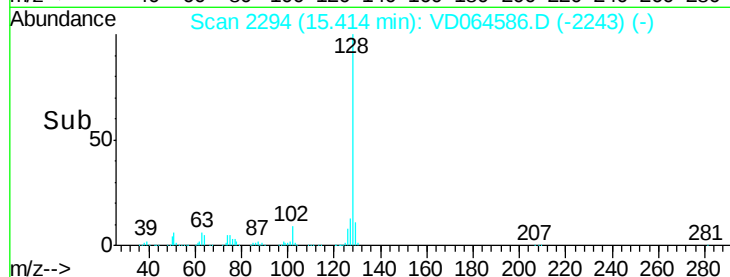
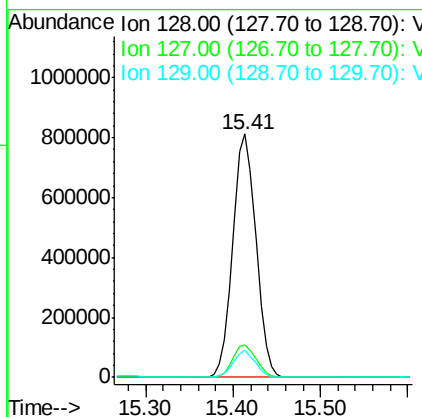
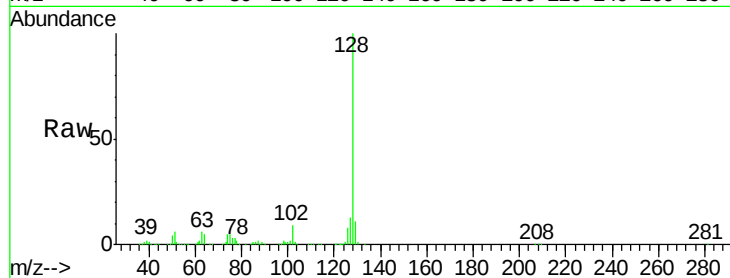
#95  
Naphthalene  
Concen: 139.205 ug/l  
RT: 15.41 min Scan# 2294  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.5  | 10.3  | 15.5  |
| 129     | 10.9  | 8.5   | 12.7  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 130.527 ug/l  
RT: 15.61 min Scan# 2327  
Delta R.T. 0.00 min  
Lab File: VD064586.D  
Acq: 24 Dec 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.9  | 47.9  | 143.7 |
| 145     | 29.7  | 14.9  | 44.7  |

