

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\  
 Data File : VW016276.D  
 Acq On : 20 Aug 2020 21:29  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 8/21/2020 11:25:51 AM

Quant Time: Aug 21 03:56:12 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081420S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 17 08:01:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 223195   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 364029   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 331560   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 161628   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 116479   | 53.51 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.02% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 118697   | 52.85 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.70% |      |
| 50) Toluene-d8            | 10.32  | 98  | 461705   | 53.10 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.20% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 169430   | 54.52 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.04% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 74445  | 49.047  | ug/l | 91     |
| 3) Chloromethane              | 2.21 | 50  | 72768  | 45.029  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.36 | 62  | 100792 | 44.561  | ug/l | 98     |
| 5) Bromomethane               | 2.78 | 94  | 73493  | 52.257  | ug/l | 100    |
| 6) Chloroethane               | 2.92 | 64  | 61226  | 47.931  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 102183 | 55.802  | ug/l | 100    |
| 8) Diethyl Ether              | 3.68 | 74  | 60257  | 52.438  | ug/l | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 115305 | 48.020  | ug/l | 99     |
| 10) Methyl Iodide             | 4.27 | 142 | 175431 | 50.564  | ug/l | 100    |
| 11) Tert butyl alcohol        | 5.16 | 59  | 39005  | 336.712 | ug/l | 95     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 116014 | 47.477  | ug/l | 97     |
| 13) Acrolein                  | 3.89 | 56  | 52212  | 312.022 | ug/l | 99     |
| 14) Allyl chloride            | 4.67 | 41  | 156258 | 47.727  | ug/l | 97     |
| 15) Acrylonitrile             | 5.37 | 53  | 120914 | 279.255 | ug/l | 99     |
| 16) Acetone                   | 4.12 | 43  | 103392 | 247.962 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.38 | 76  | 341224 | 47.558  | ug/l | 100    |
| 18) Methyl Acetate            | 4.67 | 43  | 51324  | 52.858  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 173321 | 57.604  | ug/l | 97     |
| 20) Methylene Chloride        | 4.91 | 84  | 142443 | 55.542  | ug/l | 94     |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96  | 131538 | 49.432  | ug/l | 99     |
| 22) Diisopropyl ether         | 6.31 | 45  | 314283 | 50.920  | ug/l | 98     |
| 23) Vinyl Acetate             | 6.26 | 43  | 951573 | 269.247 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.22 | 63  | 211773 | 49.160  | ug/l | 100    |
| 25) 2-Butanone                | 7.17 | 43  | 150099 | 268.604 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 135359 | 48.643  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 142536 | 51.895  | ug/l | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 80629  | 49.333  | ug/l | 95     |
| 29) Tetrahydrofuran           | 7.53 | 42  | 94853  | 283.959 | ug/l | 95     |
| 30) Chloroform                | 7.68 | 83  | 227433 | 50.813  | ug/l | 97     |
| 31) Cyclohexane               | 7.96 | 56  | 180874 | 45.535  | ug/l | 95     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 193214 | 51.380  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 175757 | 49.010  | ug/l | 98     |
| 37) Ethyl Acetate             | 7.25 | 43  | 67260  | 54.703  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 182451 | 50.981  | ug/l | 97     |

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081420S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 17 08:01:41 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 219584   | 50.833   | ug/l   | 97       |
| 40) Benzene                    | 8.32  | 78   | 498418   | 49.404   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.48  | 41   | 37394    | 53.288   | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 139931   | 52.517   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 126582   | 54.721   | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 138609   | 48.510   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 116389   | 48.941   | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 67033    | 53.689   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.65  | 83   | 170845   | 52.962   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.43  | 41   | 59884    | 55.687   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 21748    | 1383.313 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 333441   | 285.004  | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 330092   | 51.096   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 164187   | 54.971   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 195133   | 52.566   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 95131    | 53.102   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 120508   | 58.986   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 161016   | 52.826   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 250333   | 268.753  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.97 | 43   | 227661   | 284.443  | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.13 | 129  | 116489   | 54.660   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 94170    | 54.605   | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.87 | 164  | 113467   | 52.156   | ug/l   | 92       |
| 65) Chlorobenzene              | 11.66 | 112  | 355288   | 52.281   | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 130099   | 54.769   | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.73 | 91   | 633123   | 51.838   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.84 | 106  | 489026   | 104.170  | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 231762   | 55.415   | ug/l   | 99       |
| 70) Styrene                    | 12.18 | 104  | 395551   | 54.655   | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 61457    | 57.810   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.46 | 105  | 619649   | 50.310   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 119844   | 54.334   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 107403   | 52.114   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 73487m   | 49.438   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 141098   | 51.794   | ug/l   | 95       |
| 78) n-propylbenzene            | 12.80 | 91   | 736337   | 50.086   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 422484   | 49.748   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 541276   | 51.195   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 34363    | 55.450   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 441342   | 49.919   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 452408   | 52.210   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 542400   | 51.843   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 638299   | 50.683   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 596320   | 52.351   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 271812   | 49.821   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 272217   | 50.671   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.82 | 91   | 549336   | 52.130   | ug/l   | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 108633   | 51.103   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 244418   | 51.386   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 18281    | 57.703   | ug/l   | 95       |

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|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 154973   | 54.636 | ug/l  | 94       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 95315    | 56.521 | ug/l  | 96       |
| 95) Naphthalene            | 15.36 | 128  | 322145   | 53.869 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 136449   | 56.016 | ug/l  | 99       |

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

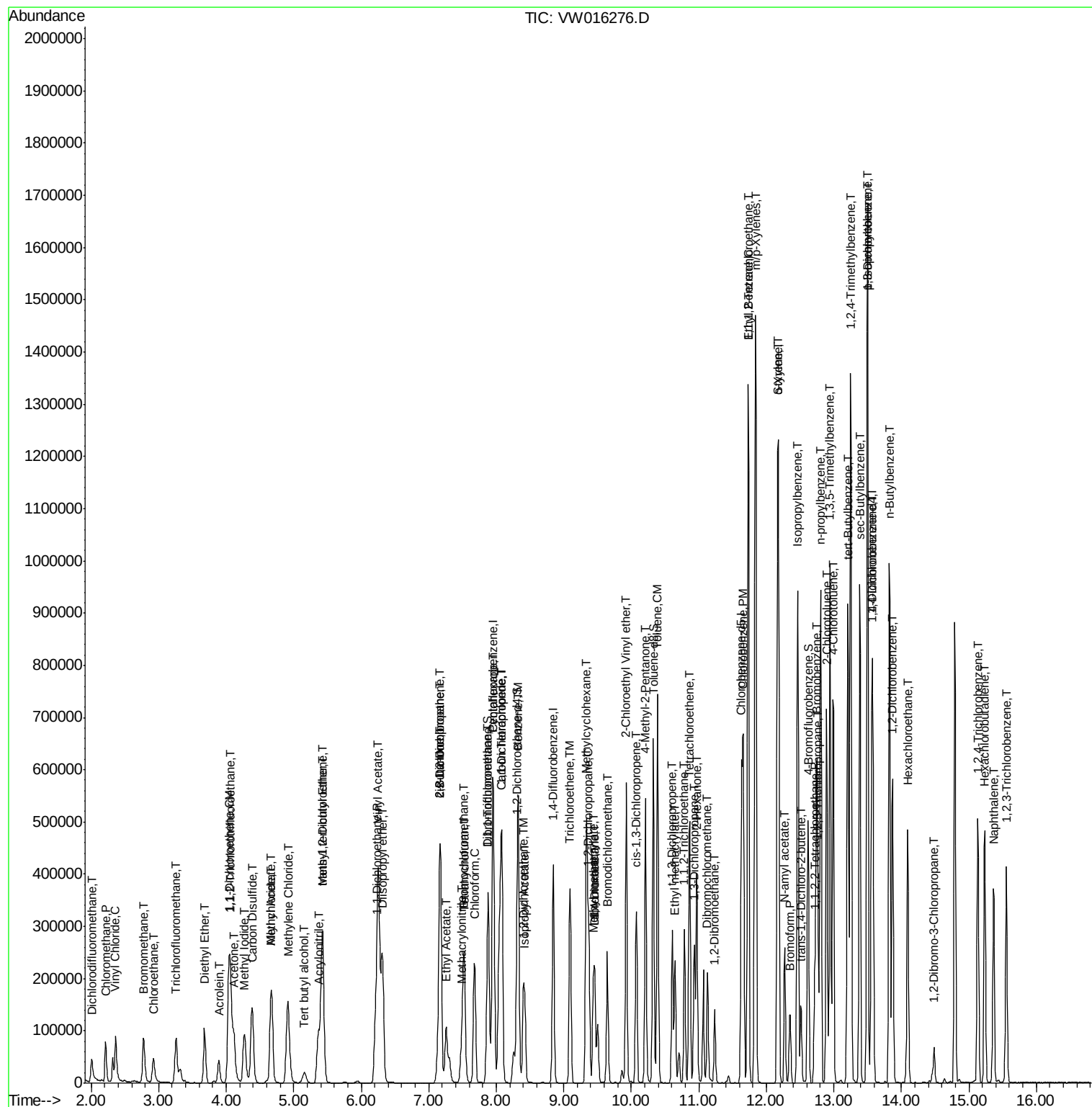
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 Operator : SY/VA  
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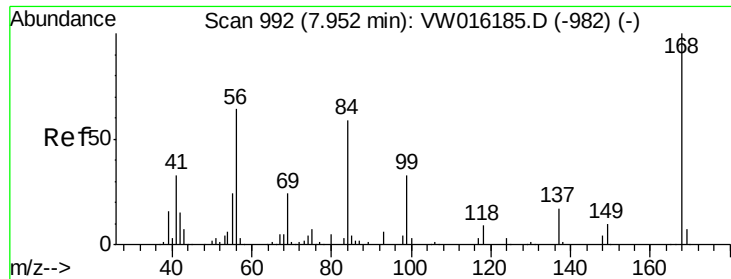
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 223195

Ion Ratio Lower Upper

168 100

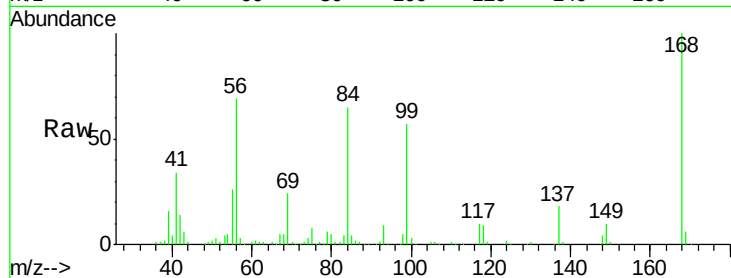
99 56.8 48.3 72.5

Manual Integrations

APPROVED

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8/21/2020 11:25:51 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

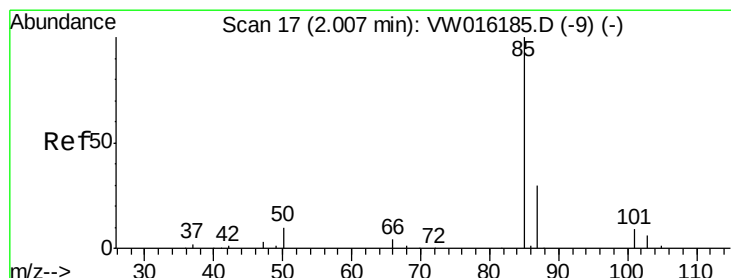
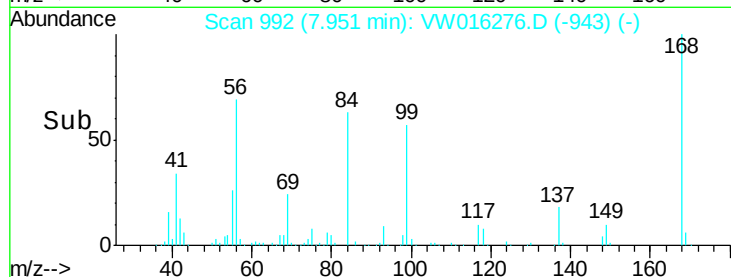
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.047 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW016276.D

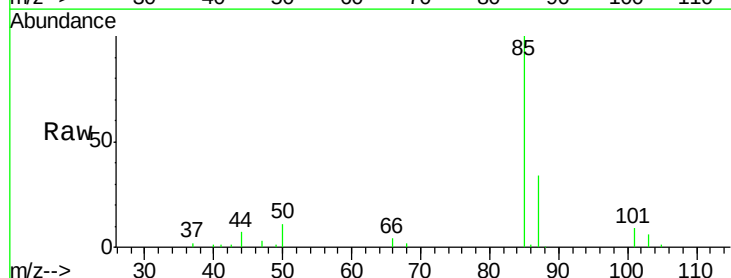
Acq: 20 Aug 2020 21:29

Tgt Ion: 85 Resp: 74445

Ion Ratio Lower Upper

85 100

87 34.4 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

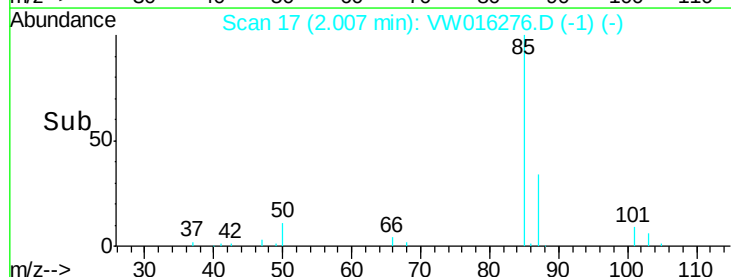
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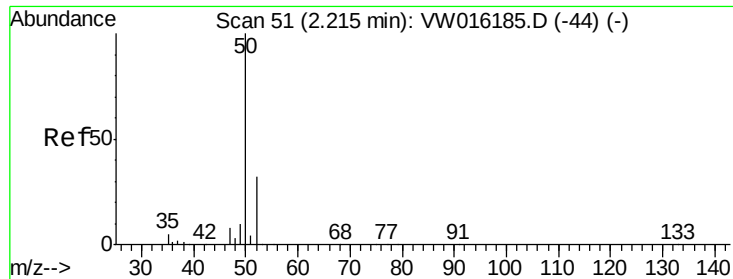
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5000

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Time-->





#3

Chloromethane

Concen: 45.029 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 72768

Ion Ratio Lower Upper

50 100

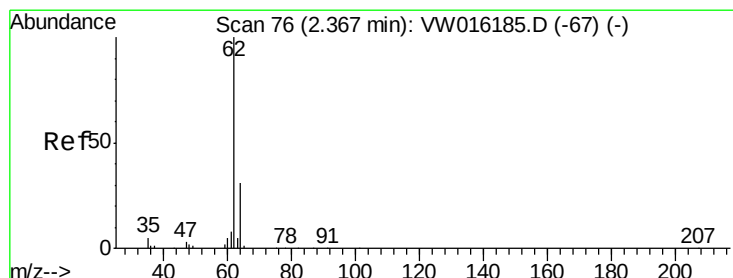
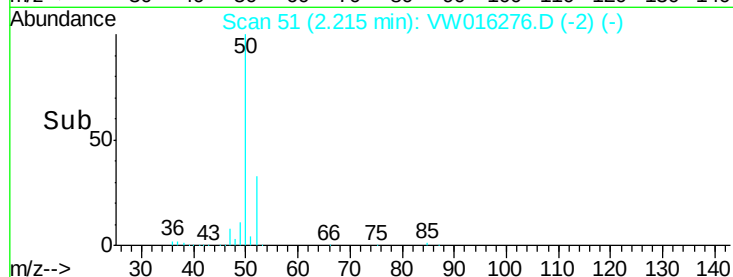
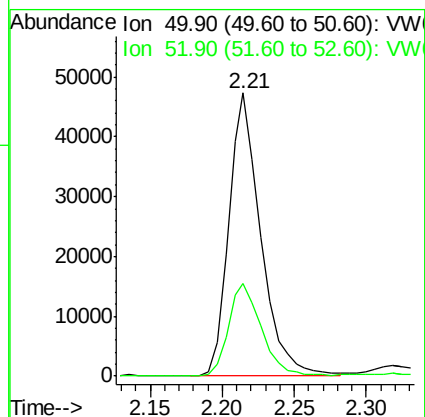
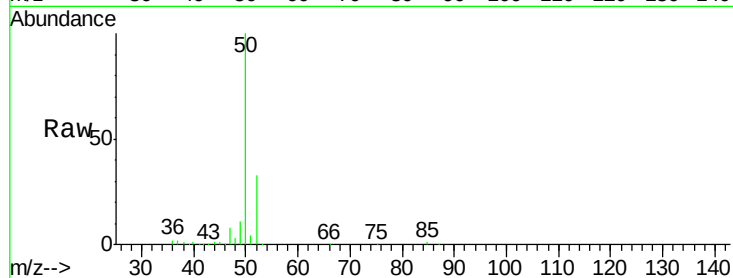
52 33.0 25.3 37.9

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#4

Vinyl Chloride

Concen: 44.561 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016276.D

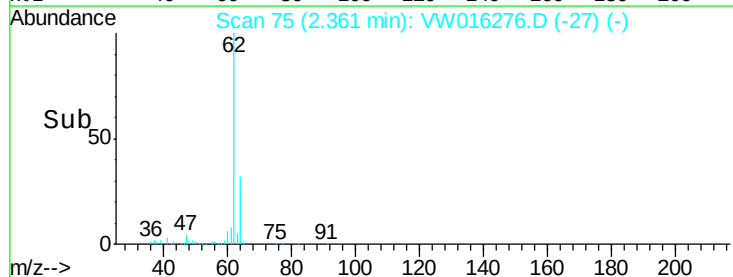
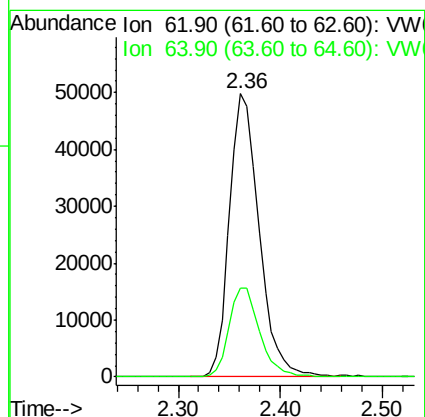
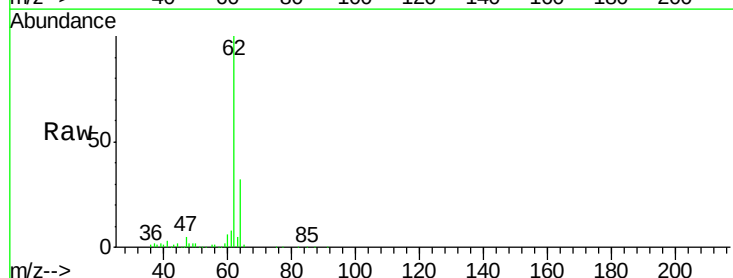
Acq: 20 Aug 2020 21:29

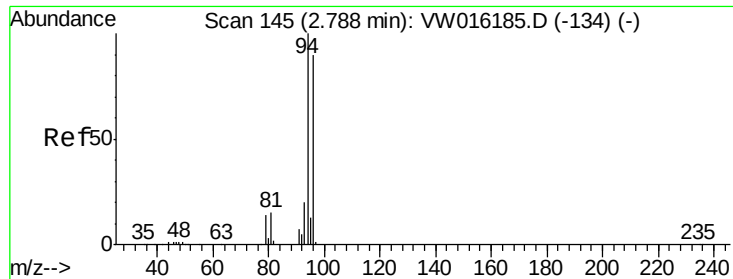
Tgt Ion: 62 Resp: 100792

Ion Ratio Lower Upper

62 100

64 31.6 24.5 36.7





#5

Bromomethane

Concen: 52.257 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

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Acq: 20 Aug 2020 21:29

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 73493

Ion Ratio Lower Upper

94 100

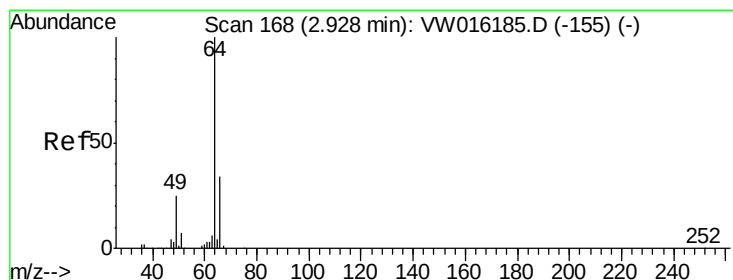
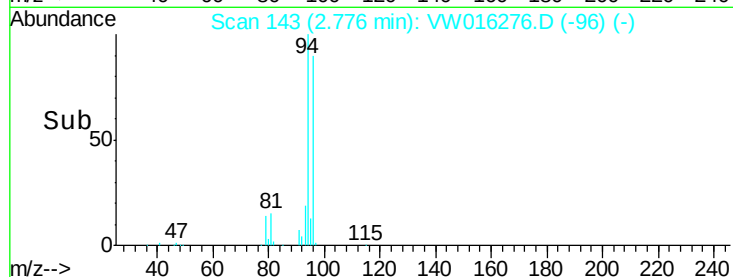
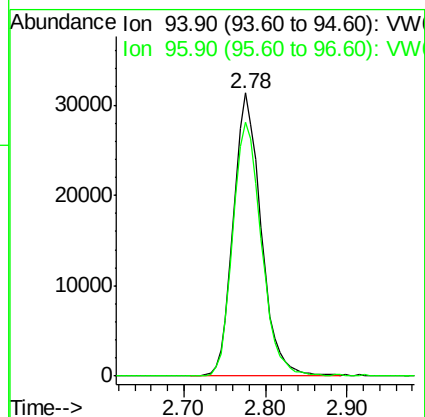
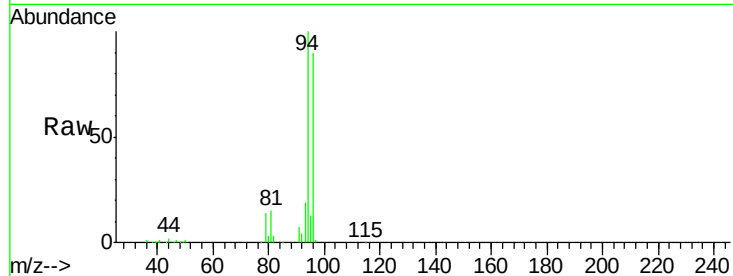
96 89.7 71.8 107.6

Manual Integrations

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8/21/2020 11:25:51 AM



#6

Chloroethane

Concen: 47.931 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016276.D

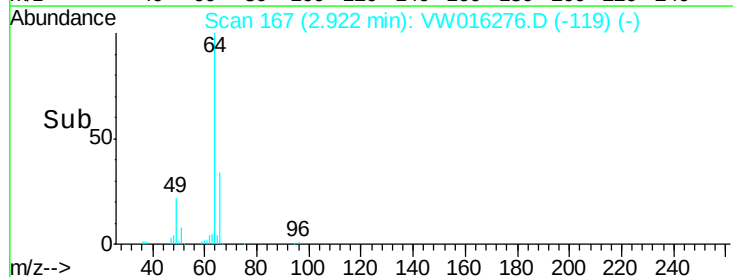
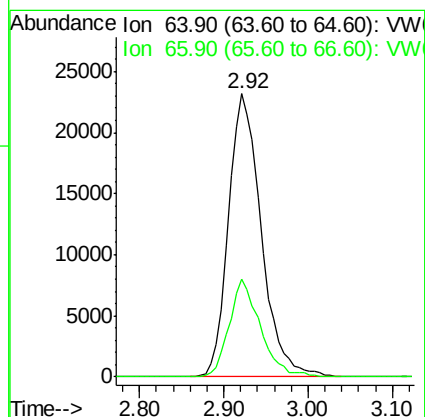
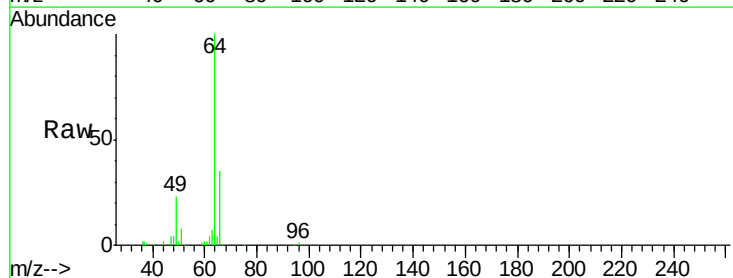
Acq: 20 Aug 2020 21:29

Tgt Ion: 64 Resp: 61226

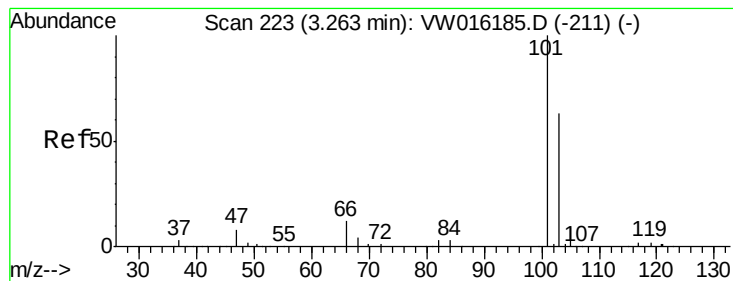
Ion Ratio Lower Upper

64 100

66 34.6 26.9 40.3







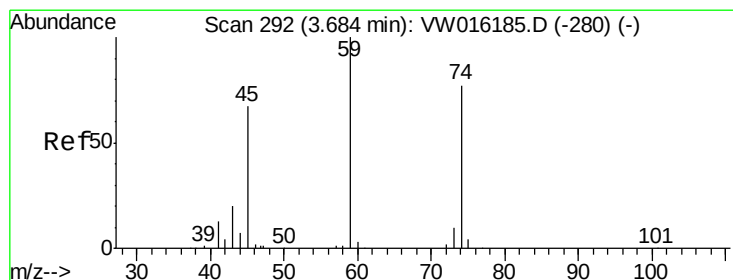
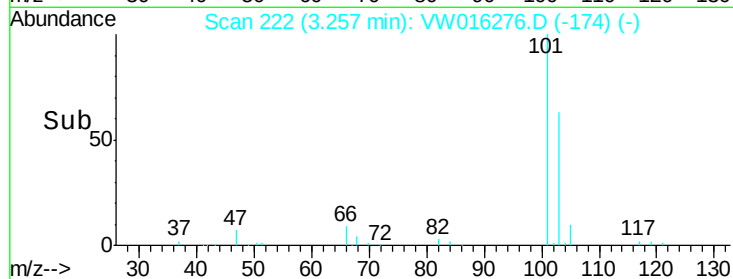
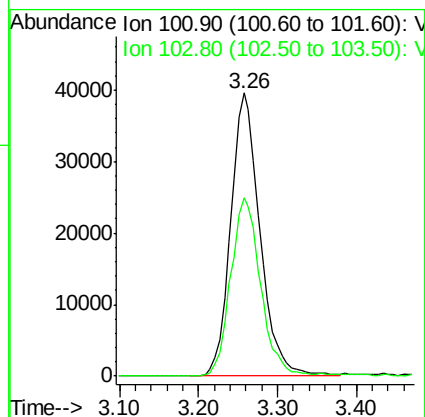
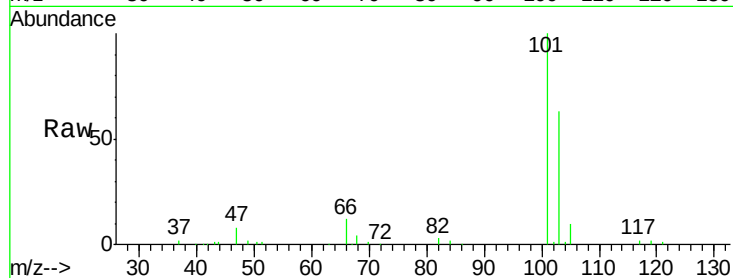
#7  
 Trichlorofluoromethane  
 Concen: 55.802 ug/l  
 RT: 3.26 min Scan# 222  
 Delta R.T. -0.01 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.9  | 50.4  | 75.6  |

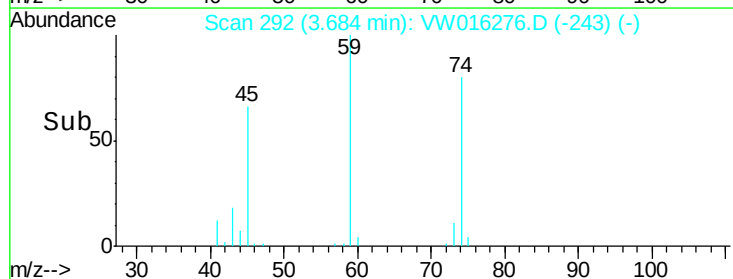
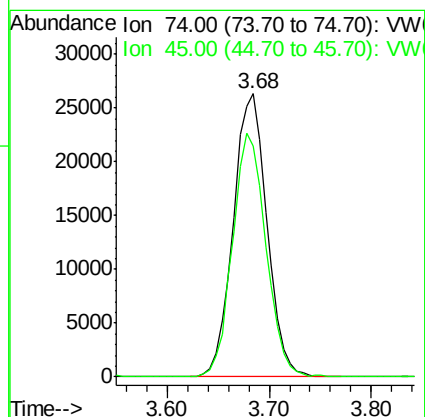
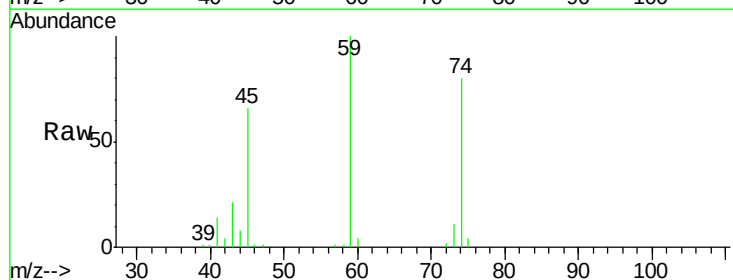
Manual Integrations  
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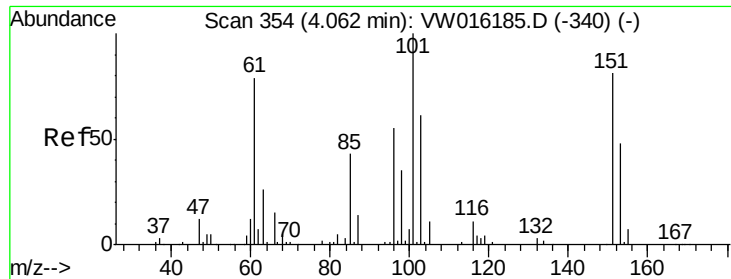


#8  
 Diethyl Ether  
 Concen: 52.438 ug/l  
 RT: 3.68 min Scan# 292  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 85.4  | 45.9  | 137.7 |







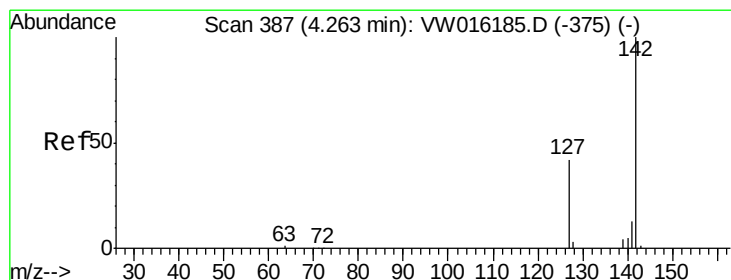
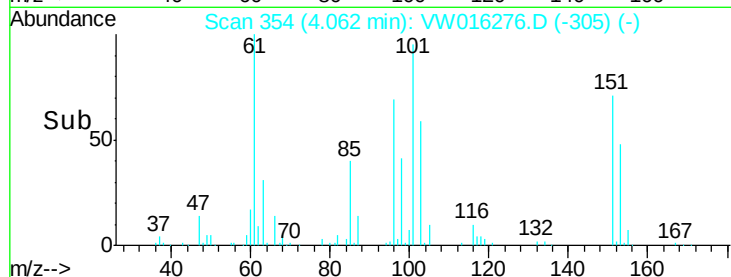
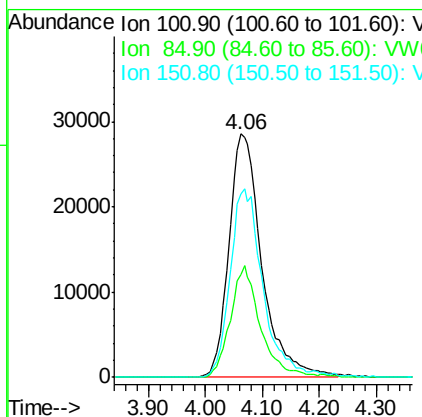
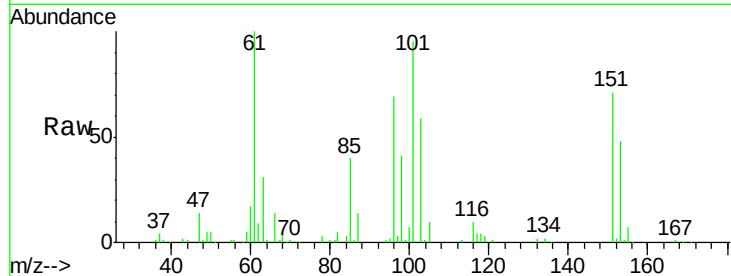
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.020 ug/l  
RT: 4.06 min Scan# 354  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 115305 |       |       |
| 85      | 42.2  | 33.3   | 49.9  |       |
| 151     | 76.1  | 61.1   | 91.7  |       |

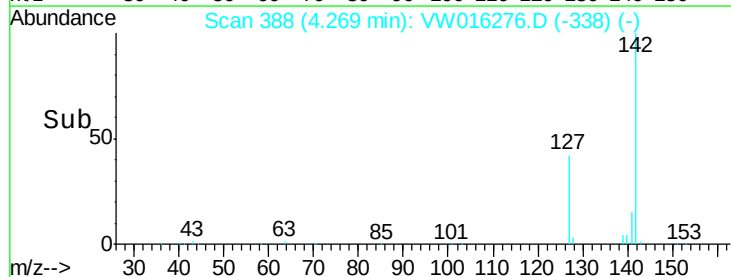
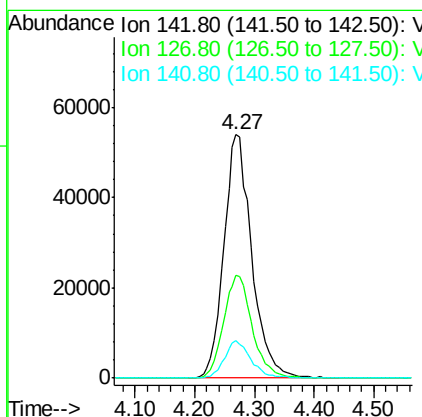
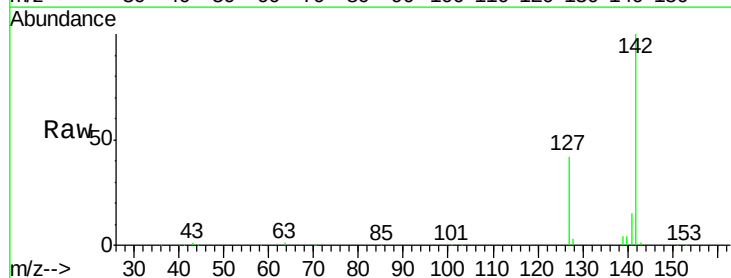
Manual Integrations  
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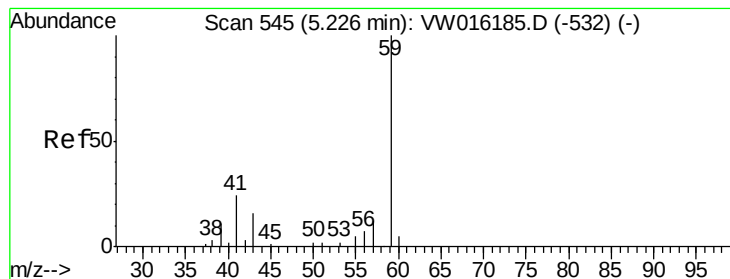
MMDadoda  
8/21/2020 11:25:51 AM



#10  
Methyl Iodide  
Concen: 50.564 ug/l  
RT: 4.27 min Scan# 388  
Delta R.T. 0.01 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 175431 |       |       |
| 127     | 43.3  | 34.6   | 52.0  |       |
| 141     | 14.7  | 11.4   | 17.2  |       |





#11

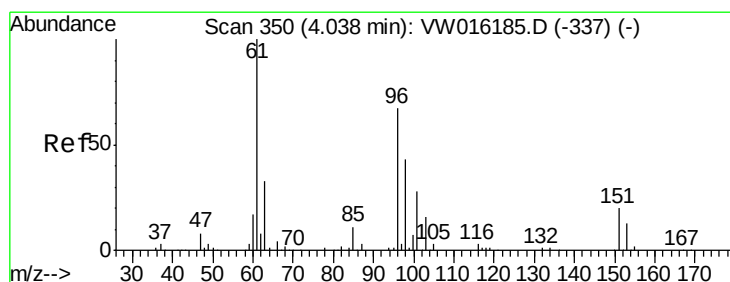
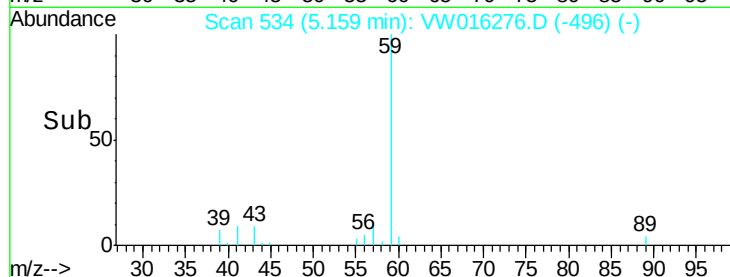
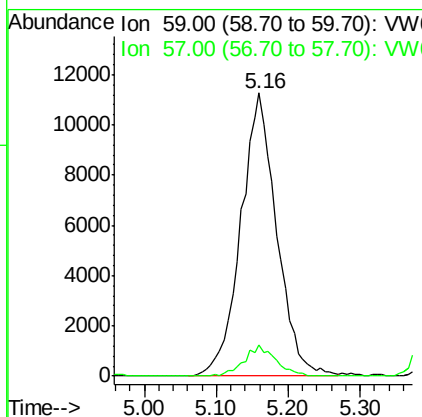
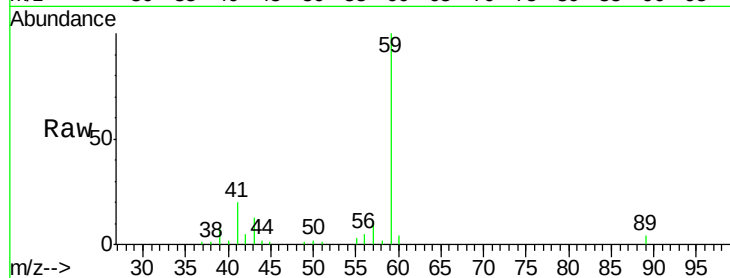
Tert butyl alcohol  
 Concen: 336.712 ug/l  
 RT: 5.16 min Scan# 534  
 Delta R.T. -0.07 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 59      | 100   | 39005 |       |       |
| 57      | 9.5   |       | 9.0   | 13.6  |

Manual Integrations  
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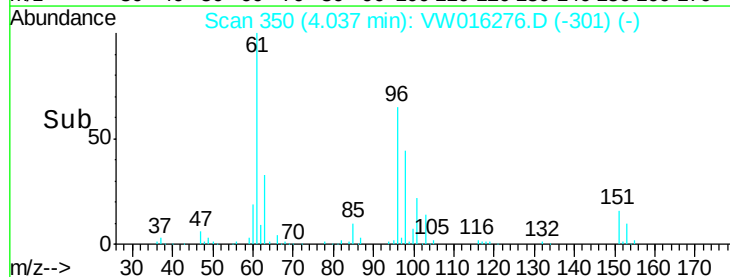
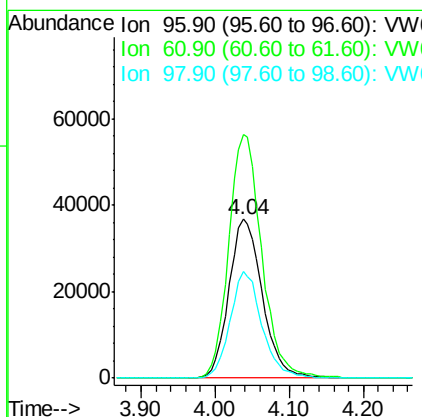
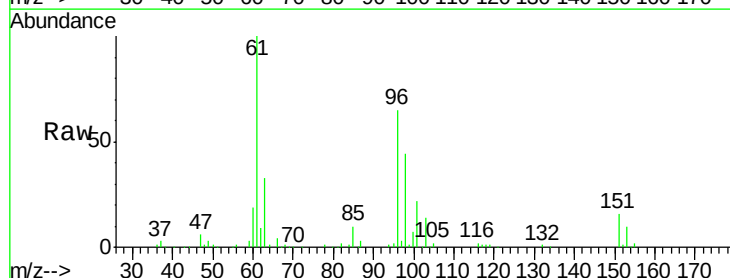
MMDadoda  
 8/21/2020 11:25:51 AM

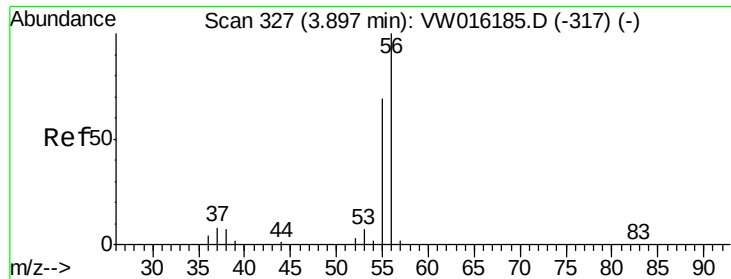


#12

1,1-Dichloroethene  
 Concen: 47.477 ug/l  
 RT: 4.04 min Scan# 350  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 116014 |       |       |
| 61      | 153.6 |        | 119.5 | 179.3 |
| 98      | 67.1  |        | 51.3  | 76.9  |





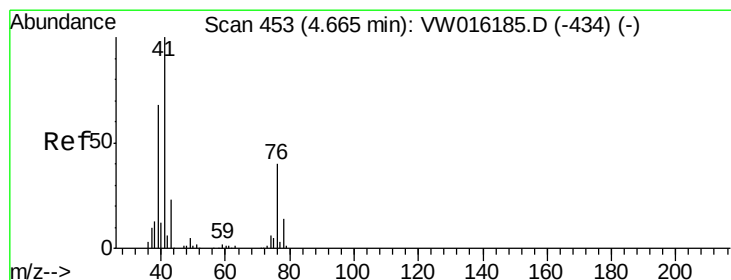
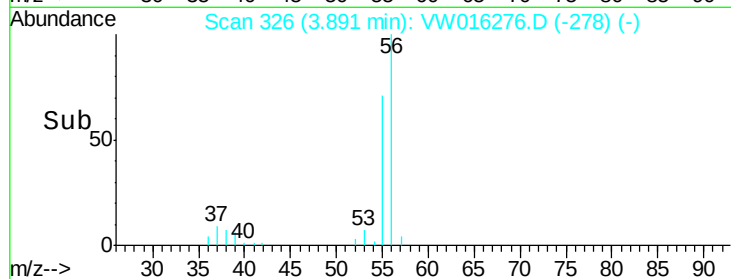
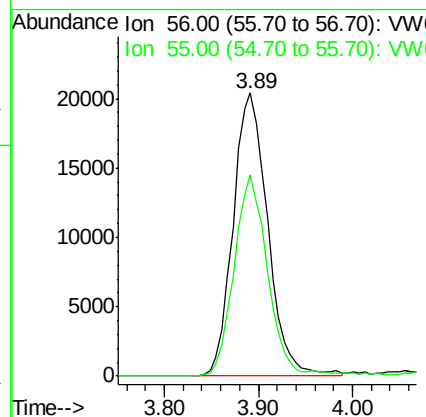
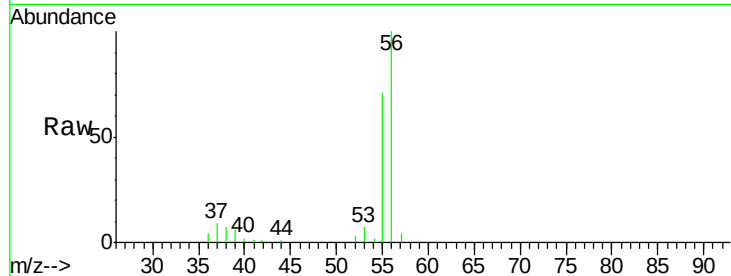
#13  
Acrolein  
Concen: 312.022 ug/l  
RT: 3.89 min Scan# 326  
Delta R.T. -0.01 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 56   | Resp  | 52212 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 56        | 100  |       |       |
| 55        | 67.6 | 55.0  | 82.6  |

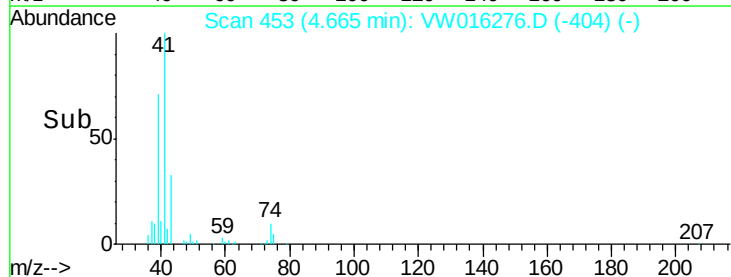
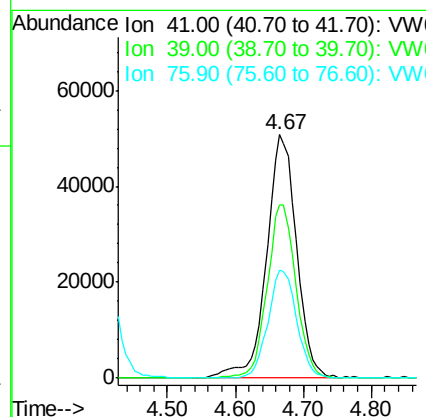
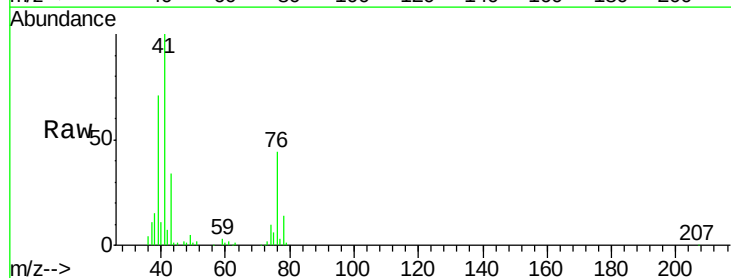
Manual Integrations  
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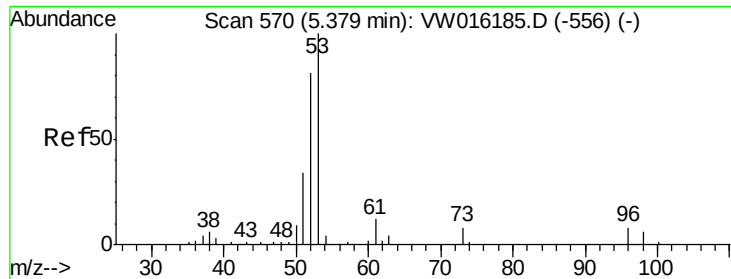
MMDadoda  
8/21/2020 11:25:51 AM



#14  
Allyl chloride  
Concen: 47.727 ug/l  
RT: 4.67 min Scan# 453  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

| Tgt Ion   | 41   | Resp  | 156258 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 41        | 100  |       |        |
| 39        | 68.4 | 53.4  | 80.0   |
| 76        | 42.4 | 32.0  | 48.0   |





#15

Acrylonitrile

Concen: 279.255 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

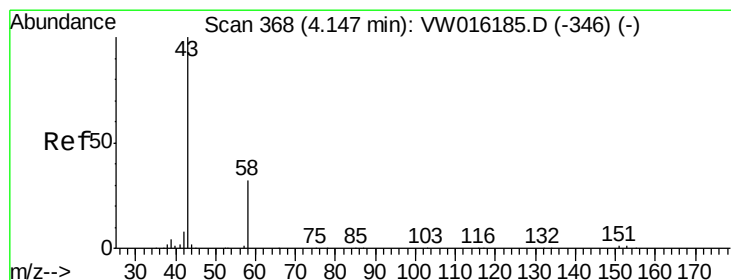
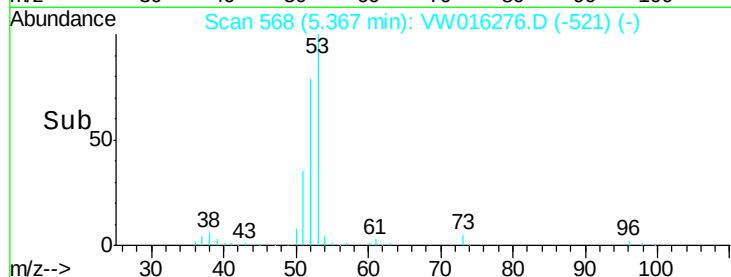
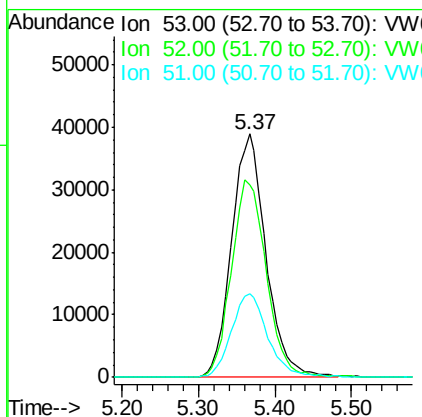
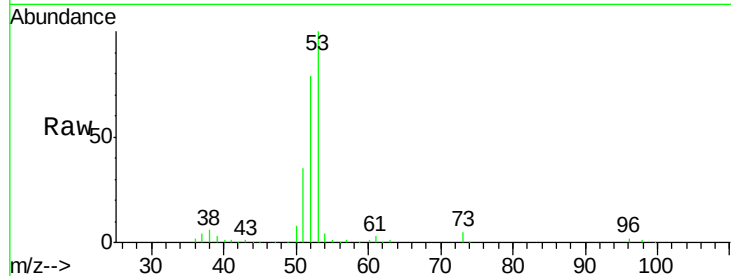
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 120914 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.3  | 65.3  | 97.9   |
| 51       | 36.4  | 29.0  | 43.4   |

Manual Integrations  
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8/21/2020 11:25:51 AM



#16

Acetone

Concen: 247.962 ug/l

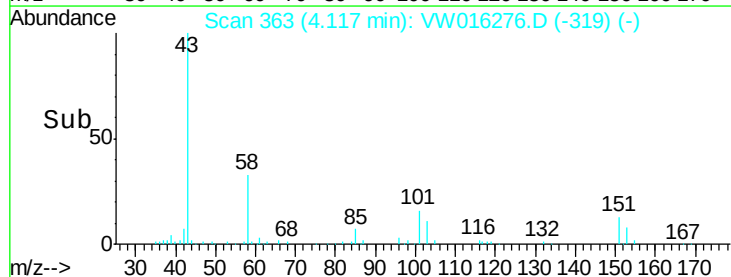
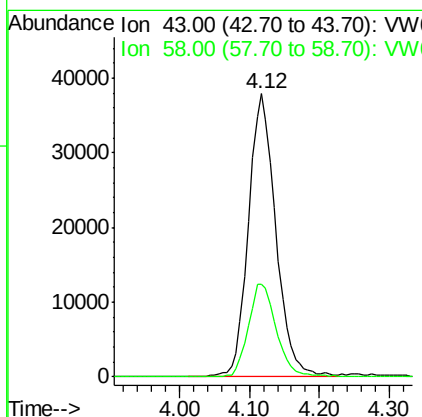
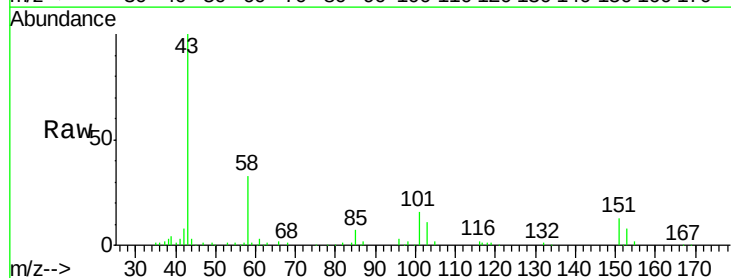
RT: 4.12 min Scan# 363

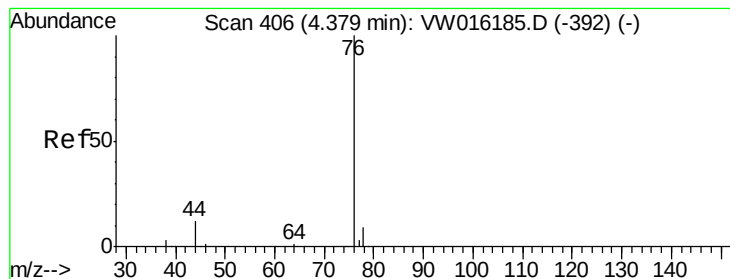
Delta R.T. -0.03 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 103392 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 32.7  | 25.8  | 38.6   |





#17

Carbon Disulfide

Concen: 47.558 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 341224

Ion Ratio Lower Upper

76 100

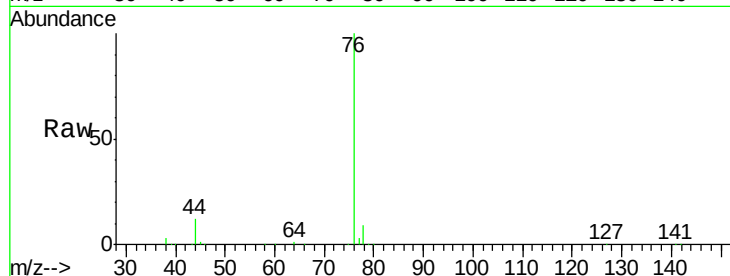
78 8.6 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

120000

100000

80000

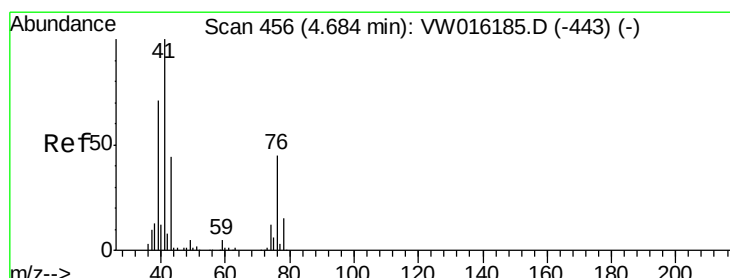
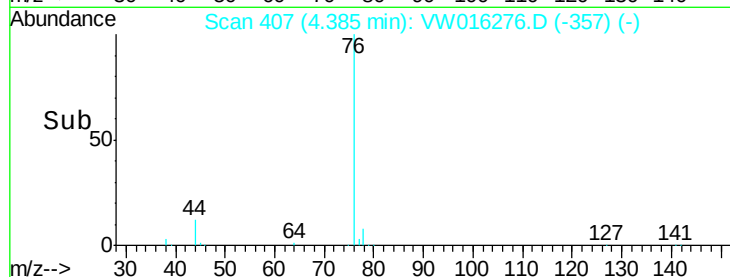
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 52.858 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.02 min

Lab File: VW016276.D

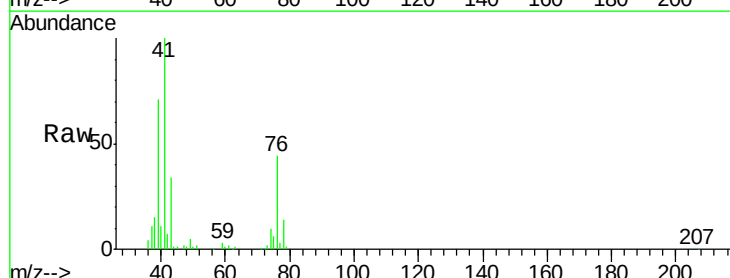
Acq: 20 Aug 2020 21:29

Tgt Ion: 43 Resp: 51324

Ion Ratio Lower Upper

43 100

74 26.8 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

20000

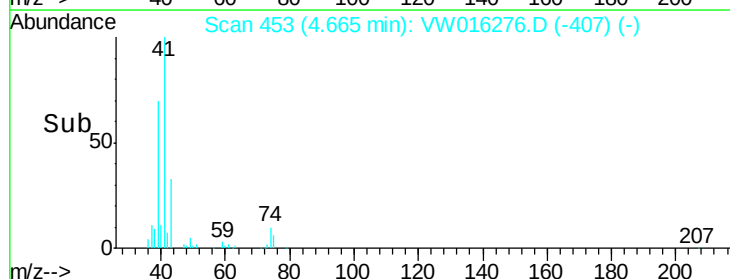
15000

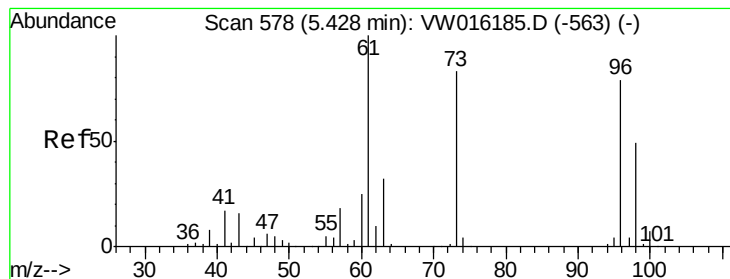
10000

5000

0

Time-->





#19

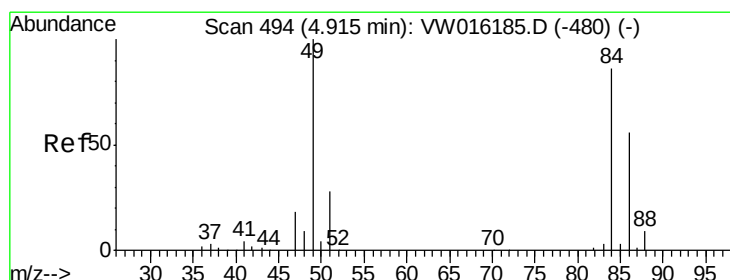
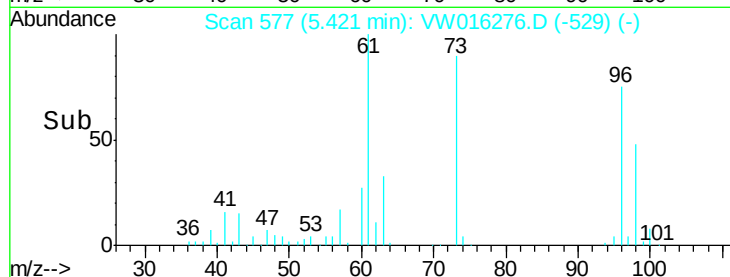
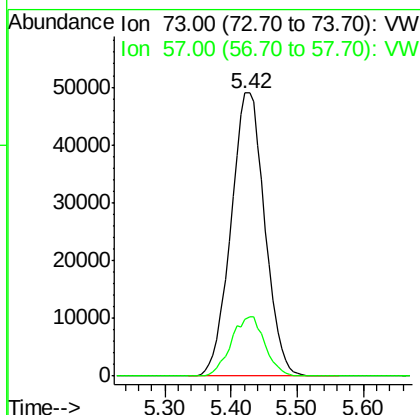
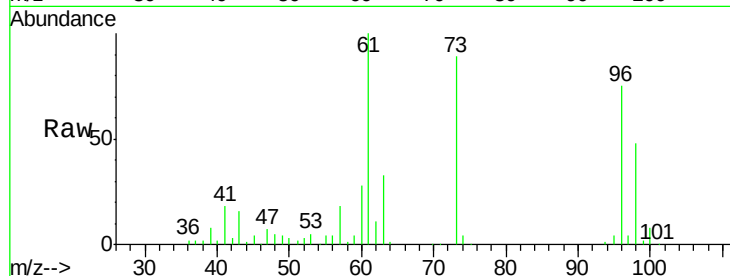
Methyl tert-butyl Ether  
 Concen: 57.604 ug/l  
 RT: 5.42 min Scan# 577  
 Delta R.T. -0.01 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.0  | 17.2  | 25.8  |

Manual Integrations  
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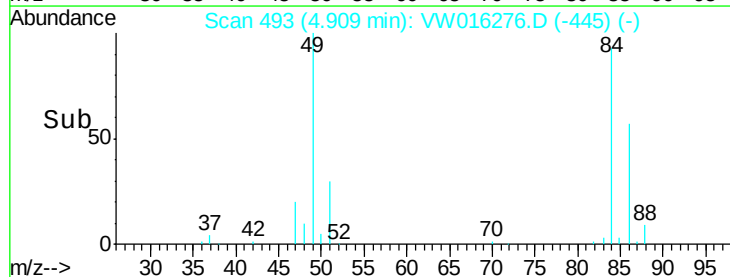
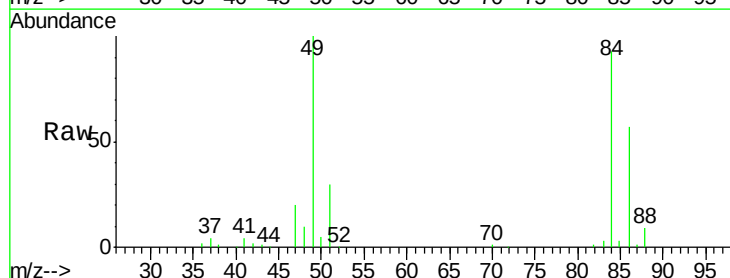
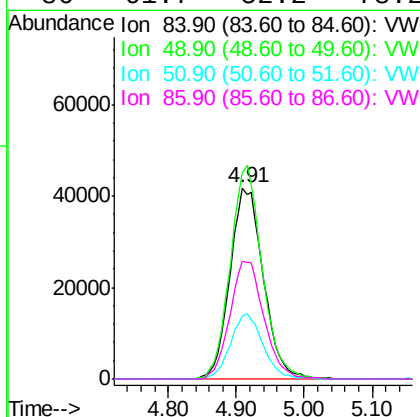
MMDadoda  
 8/21/2020 11:25:51 AM

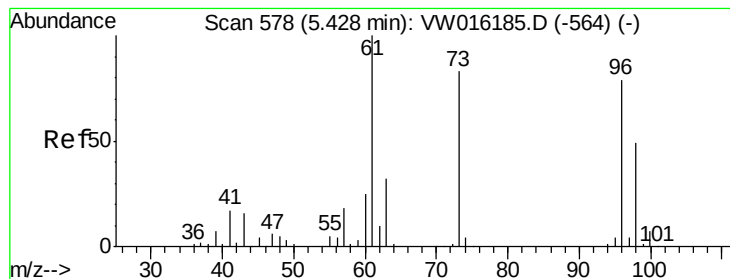


#20

Methylene Chloride  
 Concen: 55.542 ug/l  
 RT: 4.91 min Scan# 493  
 Delta R.T. -0.01 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 107.5 | 93.4  | 140.2 |
| 51      | 32.6  | 26.6  | 40.0  |
| 86      | 61.7  | 52.2  | 78.2  |





#21

trans-1,2-Dichloroethene

Concen: 49.432 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 131538

Ion Ratio Lower Upper

96 100

61 124.6 101.4 152.0

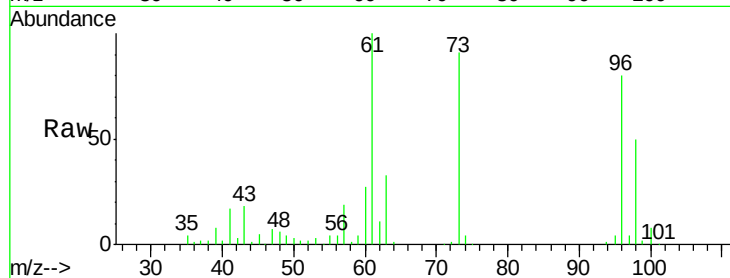
98 62.3 49.4 74.0

Manual Integrations

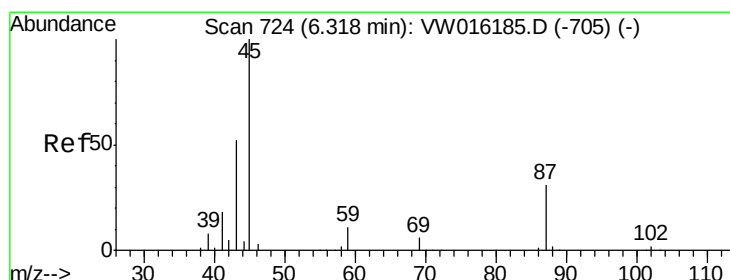
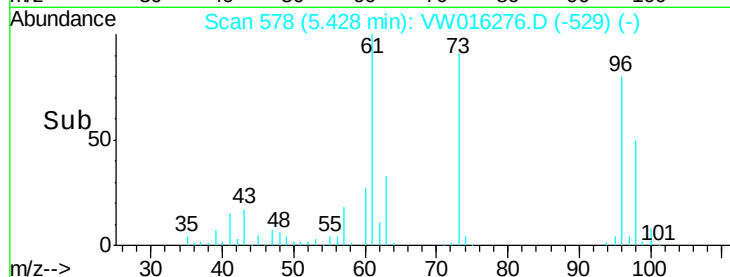
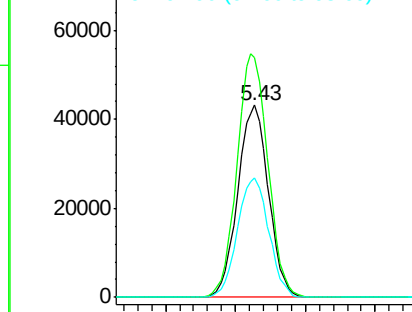
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Abundance Ion 95.90 (95.60 to 96.60): VW  
Ion 60.90 (60.60 to 61.60): VW  
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 50.920 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Tgt Ion: 45 Resp: 314283

Ion Ratio Lower Upper

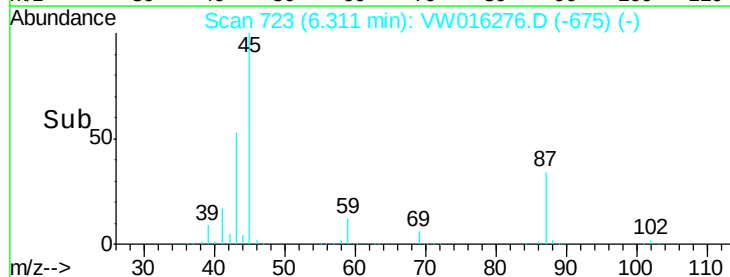
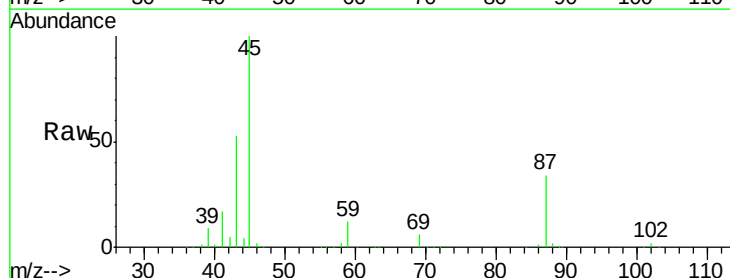
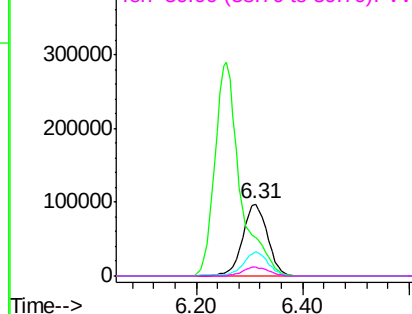
45 100

43 53.1 41.7 62.5

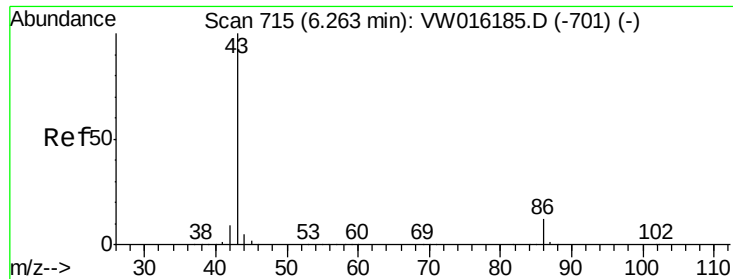
87 33.6 25.0 37.6

59 12.1 9.2 13.8

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







#23

Vinyl Acetate

Concen: 269.247 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 951573

Ion Ratio Lower Upper

43 100

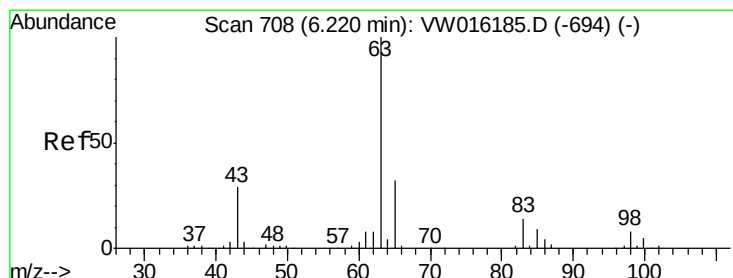
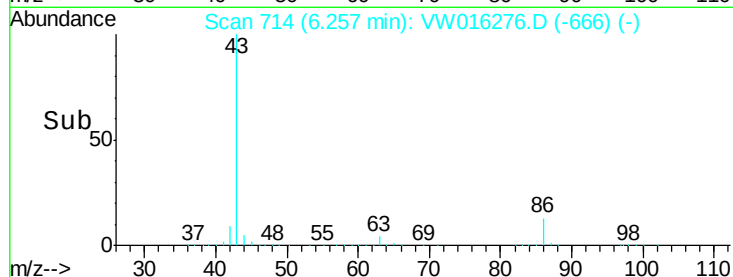
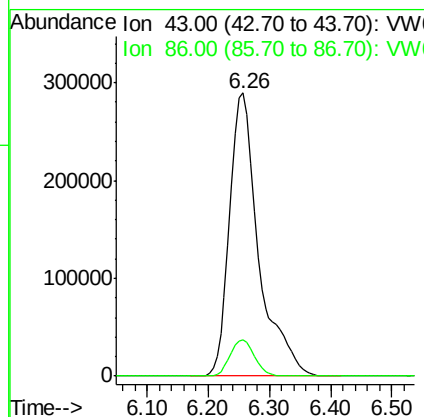
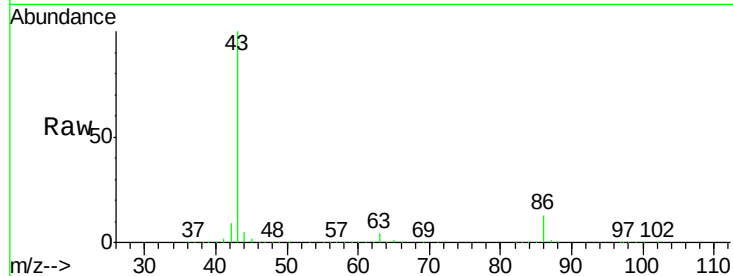
86 12.7 9.8 14.8

Manual Integrations

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8/21/2020 11:25:51 AM



#24

1,1-Dichloroethane

Concen: 49.160 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

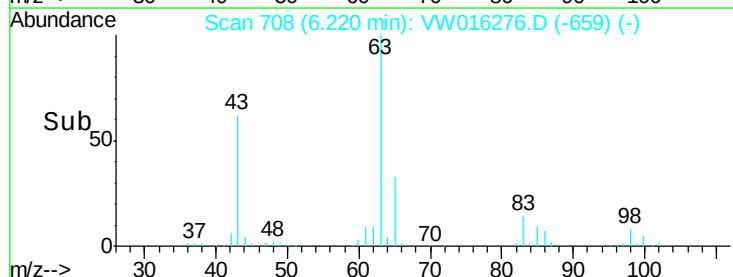
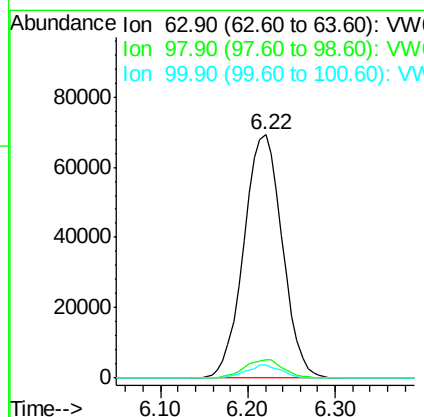
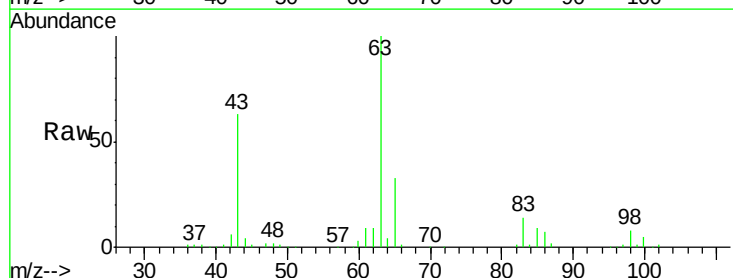
Tgt Ion: 63 Resp: 211773

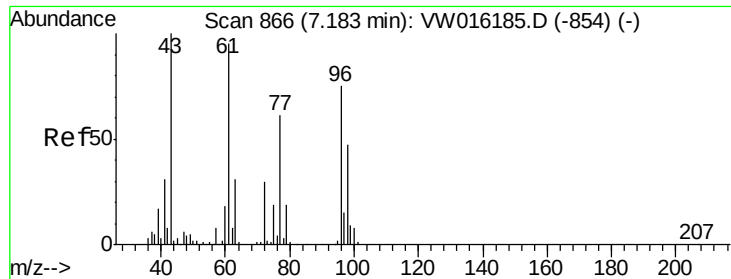
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 5.2 2.6 8.0





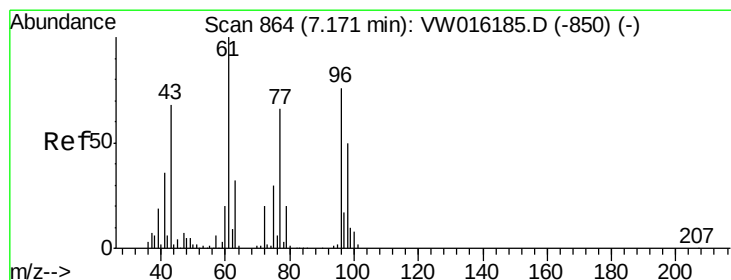
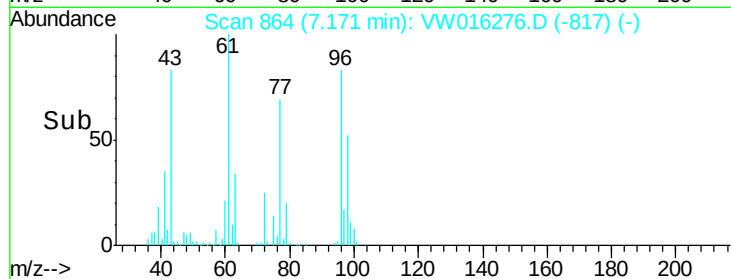
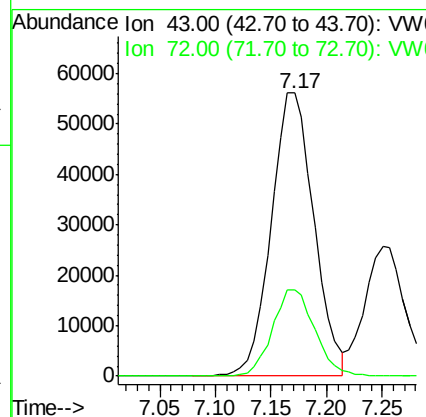
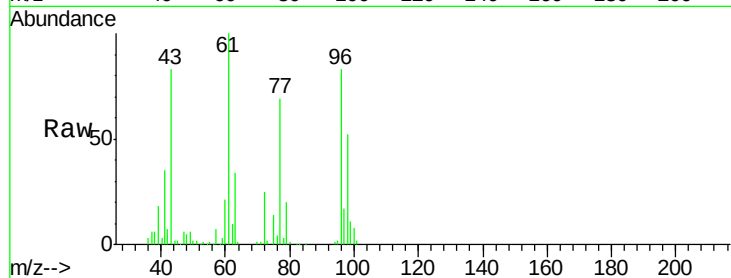
#25  
2-Butanone  
Concen: 268.604 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 43    | Resp  | 150099 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 72        | 30.3  | 24.2  | 36.2   |

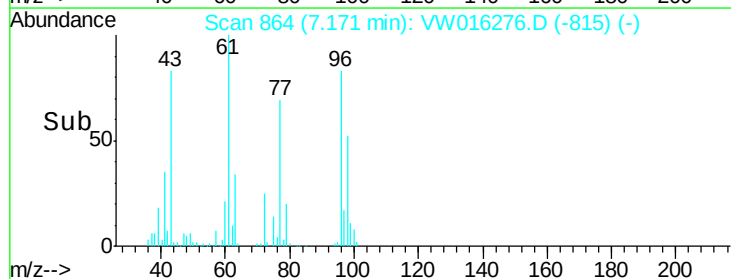
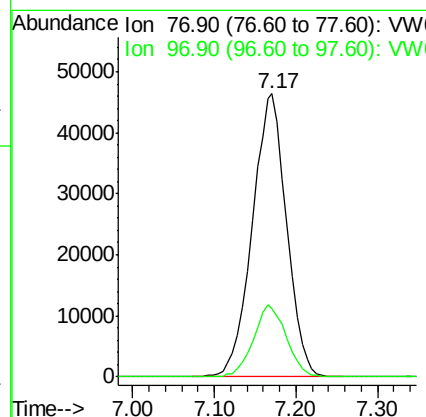
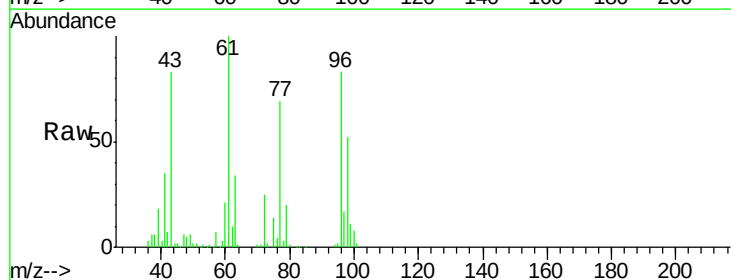
Manual Integrations  
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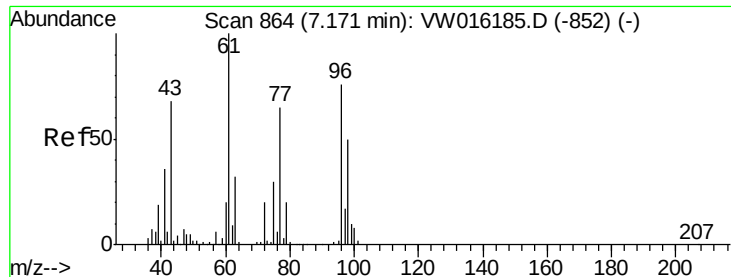
MMDadoda  
8/21/2020 11:25:51 AM



#26  
2,2-Dichloropropane  
Concen: 48.643 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

| Tgt Ion   | 77    | Resp  | 135359 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 97        | 24.4  | 12.1  | 36.3   |





#27

cis-1,2-Dichloroethene

Concen: 51.895 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

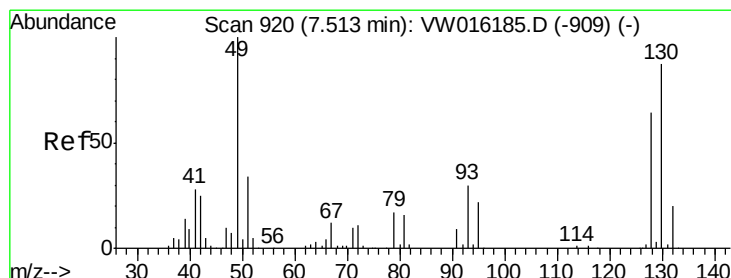
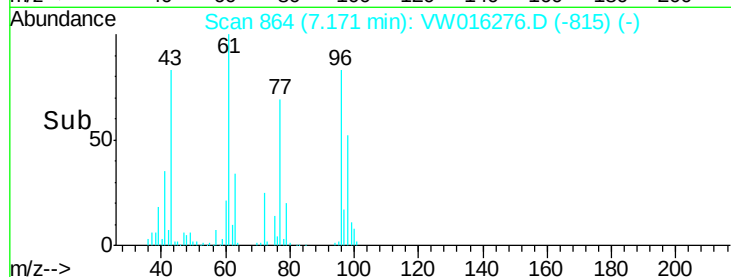
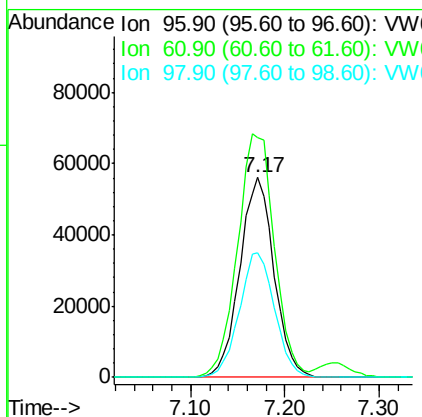
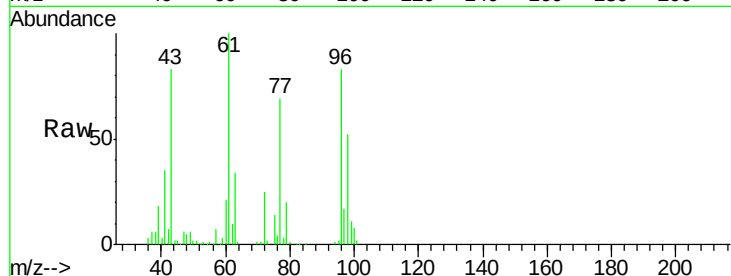
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 142536 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 131.7 | 0.0   | 267.0  |
| 98       | 64.5  | 0.0   | 129.6  |

Manual Integrations  
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8/21/2020 11:25:51 AM



#28

Bromochloromethane

Concen: 49.333 ug/l

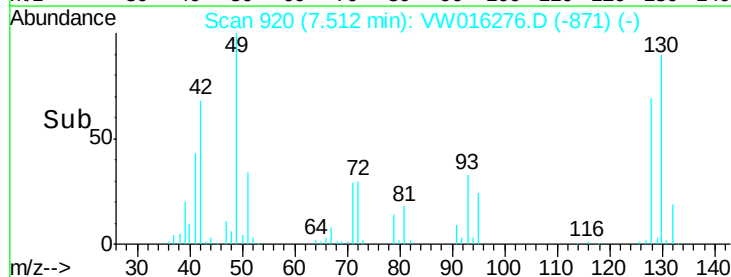
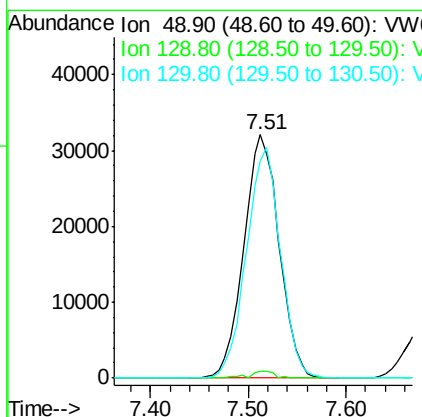
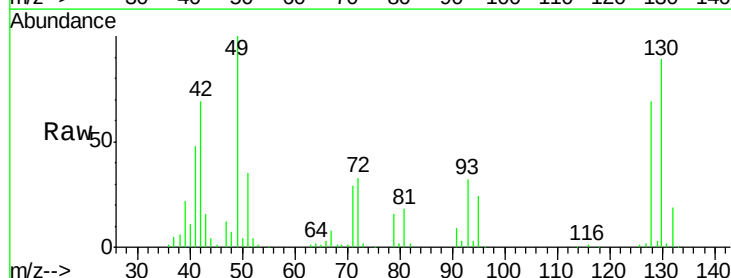
RT: 7.51 min Scan# 920

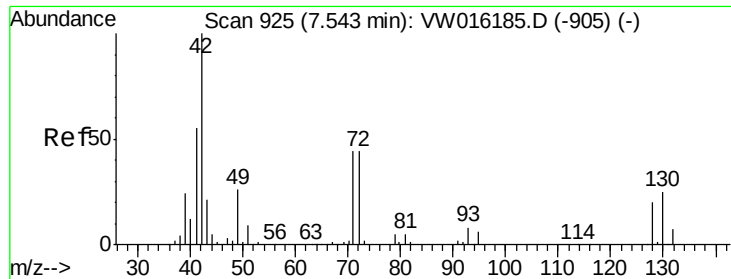
Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 80629 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.0   | 0.0   | 4.2   |
| 130      | 91.8  | 69.9  | 104.9 |





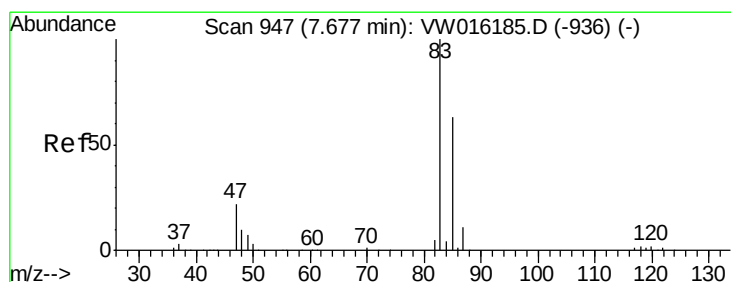
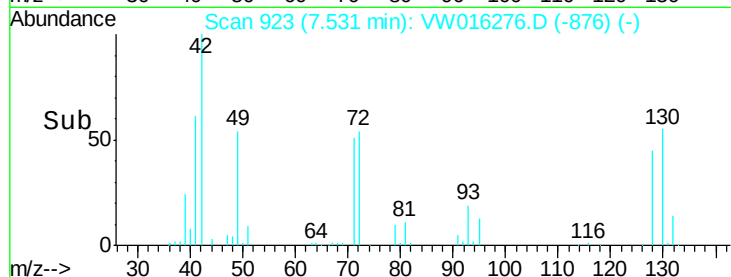
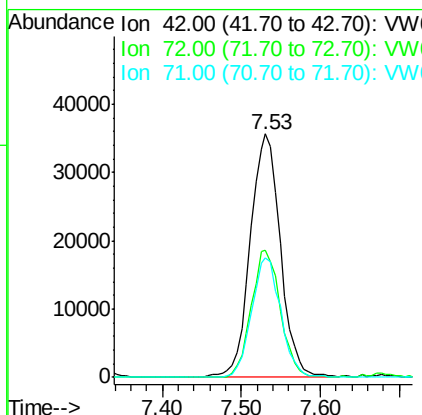
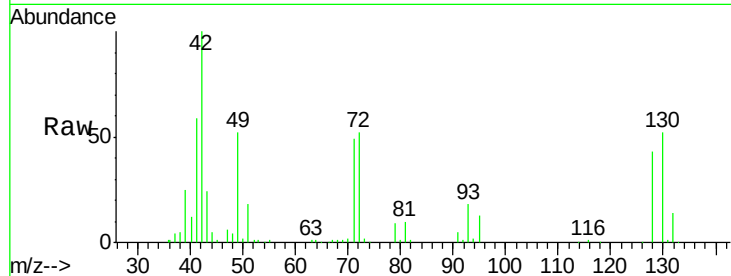
#29  
Tetrahydrofuran  
Concen: 283.959 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. -0.01 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 50.4  | 37.4  | 56.2  |
| 71      | 47.3  | 35.6  | 53.4  |

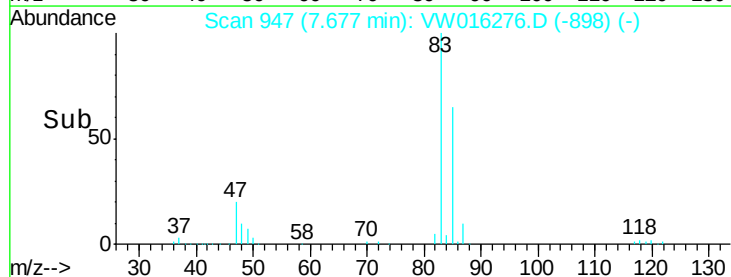
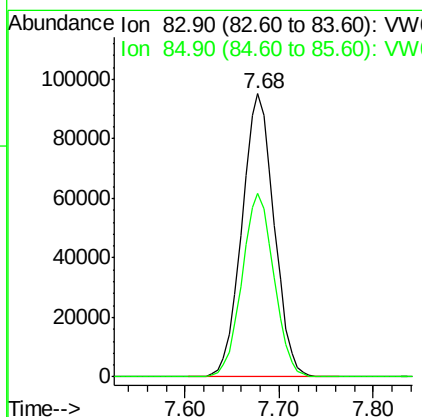
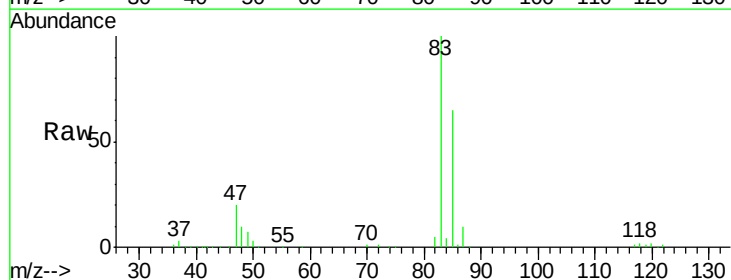
Manual Integrations  
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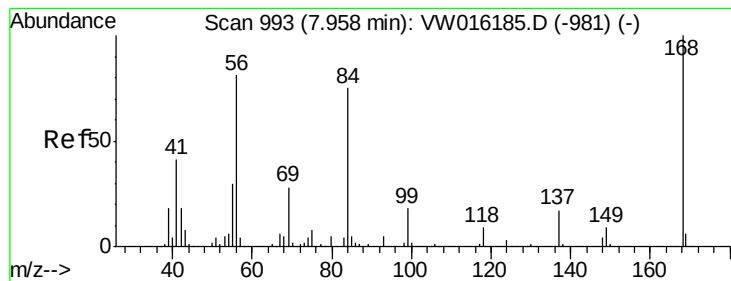
MMDadoda  
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#30  
Chloroform  
Concen: 50.813 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.7  | 50.0  | 75.0  |





#31

Cyclohexane

Concen: 45.535 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

ClientSampleId :

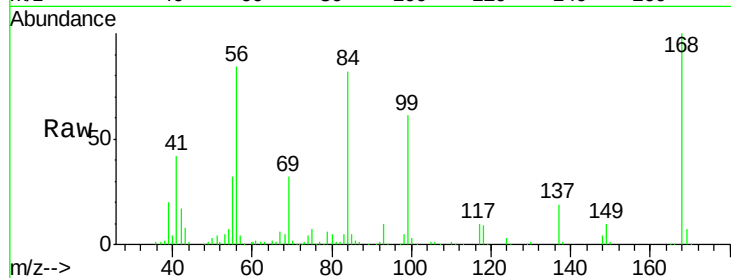
VSTDCCC050

Tot Ion: 56 Resp: 180874

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 37.8  | 27.3  | 40.9  |
| 84  | 96.4  | 73.5  | 110.3 |

Manual Integrations  
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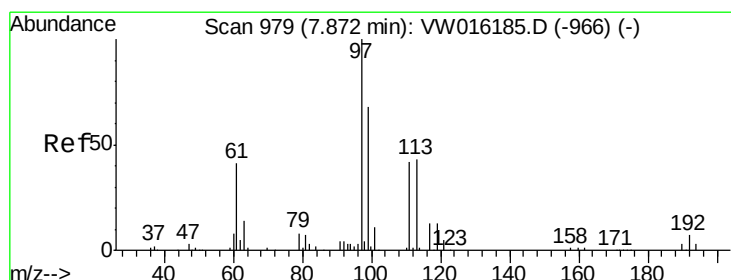
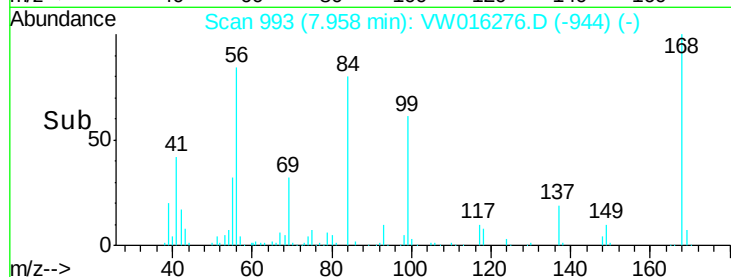
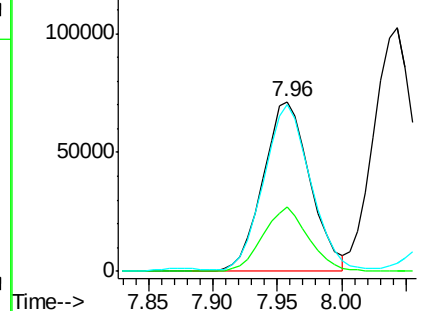
MMDadoda  
8/21/2020 11:25:51 AM



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 51.380 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

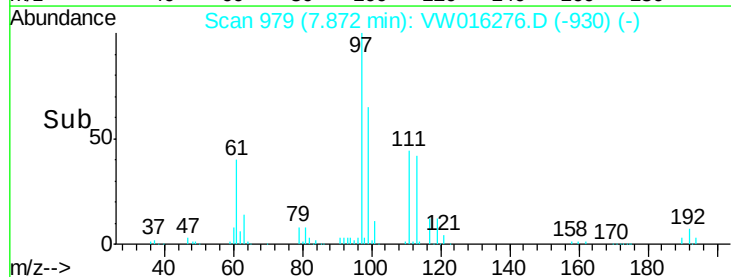
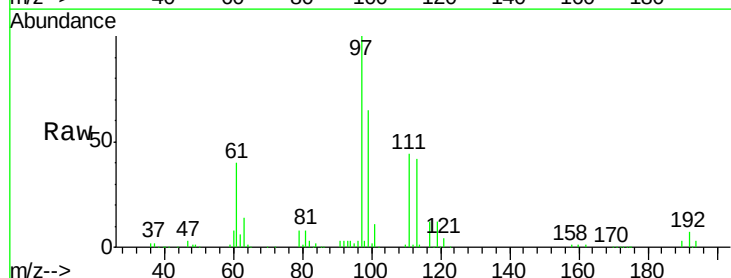
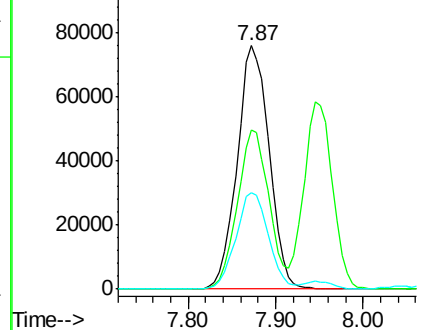
Tgt Ion: 97 Resp: 193214

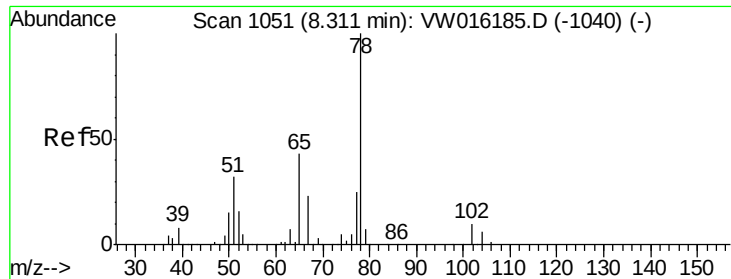
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 65.0  | 51.3  | 76.9  |
| 61  | 40.1  | 33.2  | 49.8  |

Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





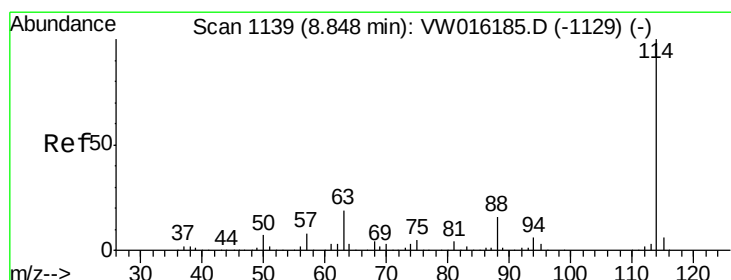
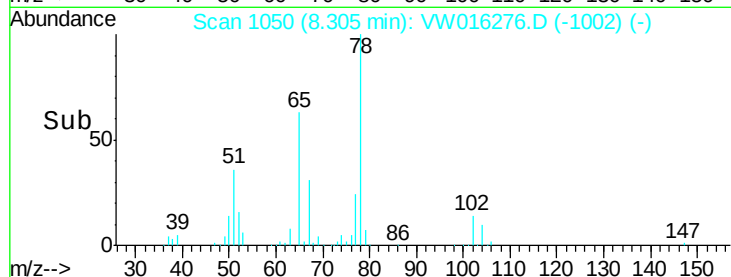
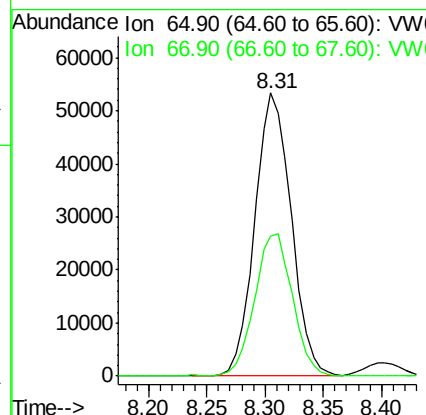
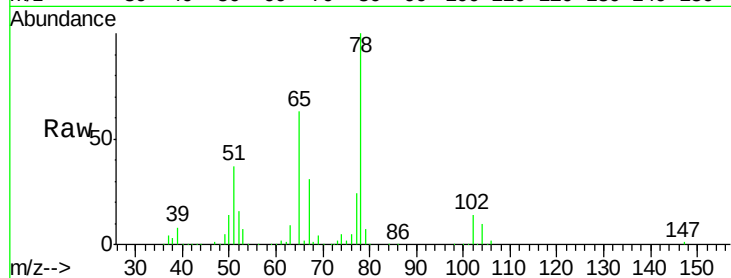
#33  
 1,2-Dichloroethane-d4  
 Concen: 53.514 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 52.2  | 0.0  | 105.6 |       |

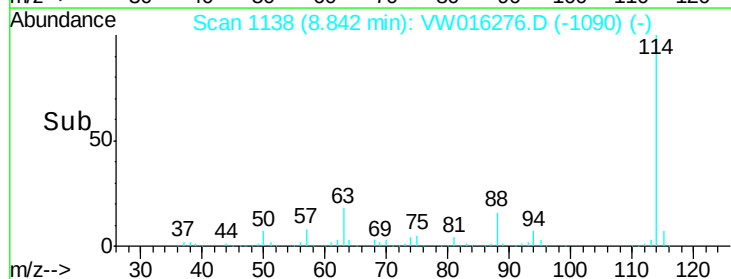
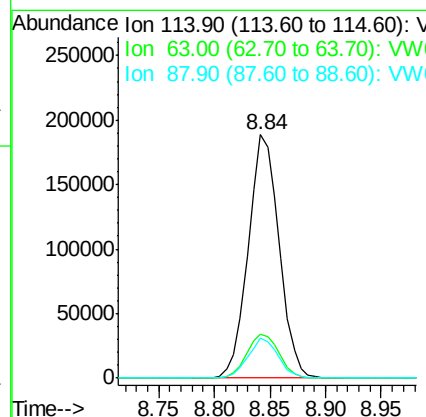
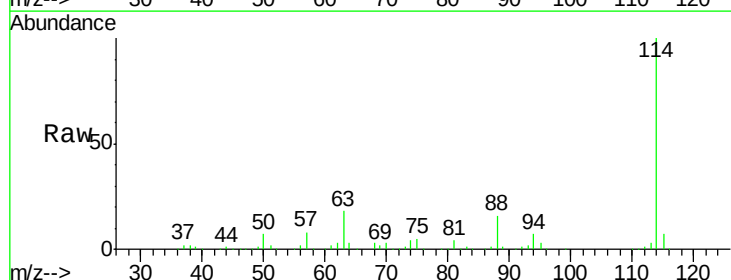
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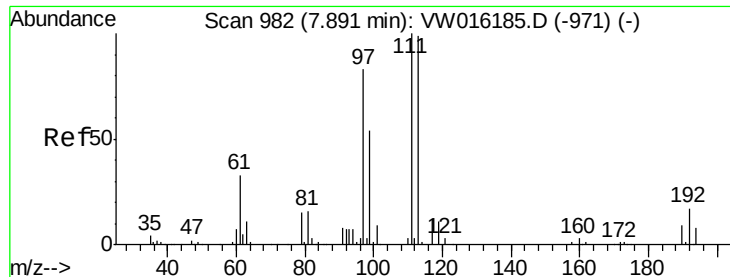
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.01 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 18.1  | 0.0  | 38.4  |       |
| 88      | 16.2  | 0.0  | 32.8  |       |





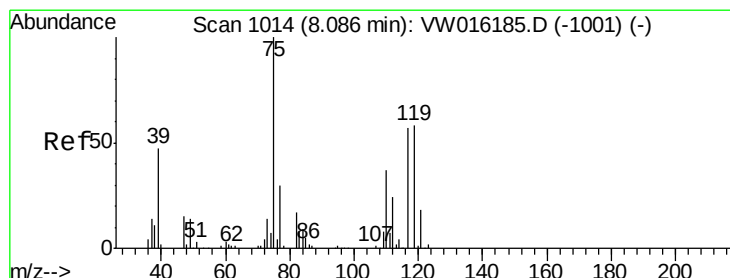
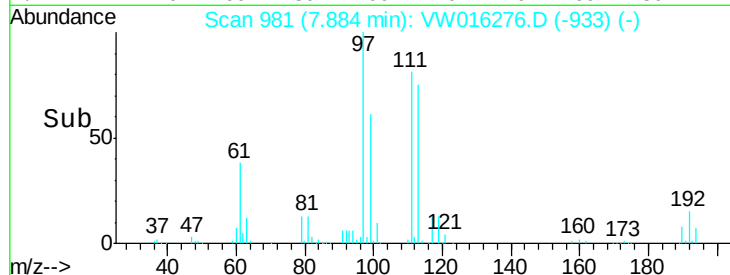
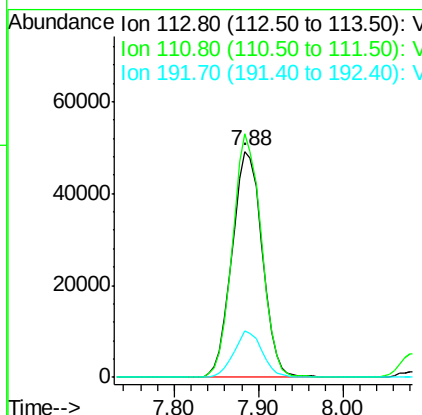
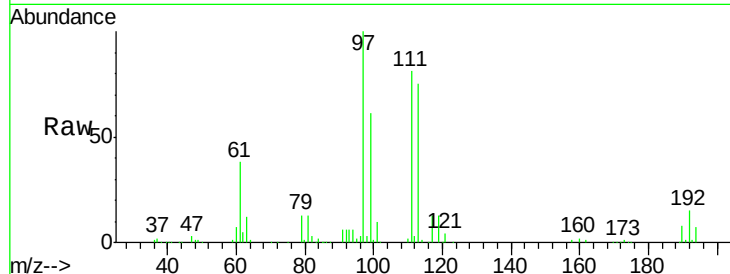
#35  
 Dibromofluoromethane  
 Concen: 52.846 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.01 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 118697 |       |       |
| 111     | 103.4 | 83.5   | 125.3 |       |
| 192     | 19.3  | 14.3   | 21.5  |       |

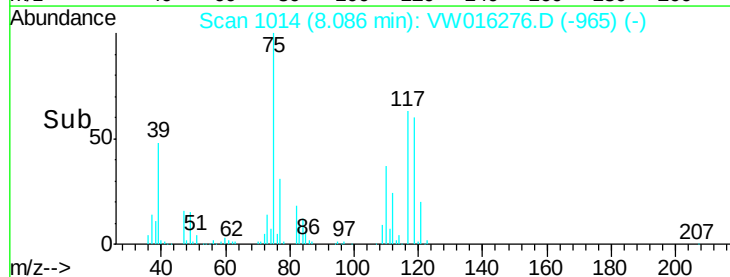
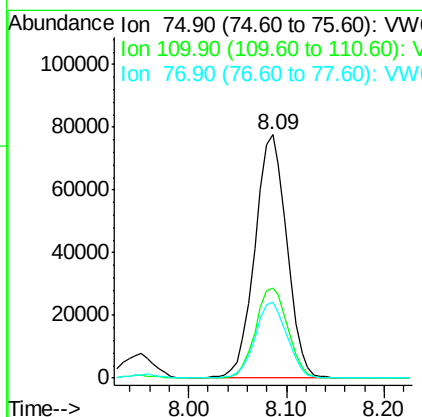
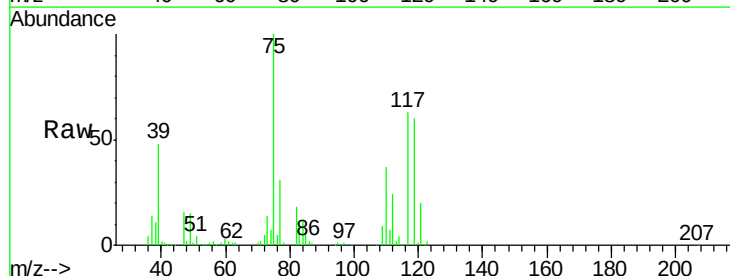
Manual Integrations  
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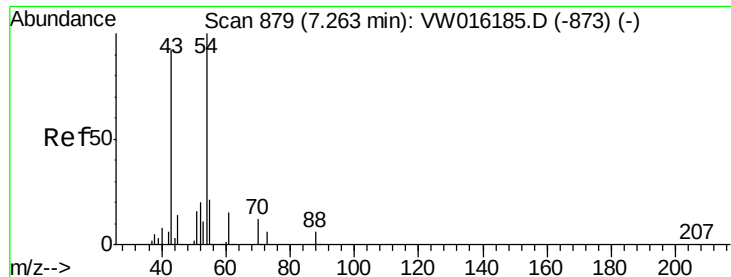
MMDadoda  
 8/21/2020 11:25:51 AM



#36  
 1,1-Dichloropropene  
 Concen: 49.010 ug/l  
 RT: 8.09 min Scan# 1014  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 175757 |       |       |
| 110     | 37.5  | 18.1   | 54.3  |       |
| 77      | 31.3  | 24.7   | 37.1  |       |





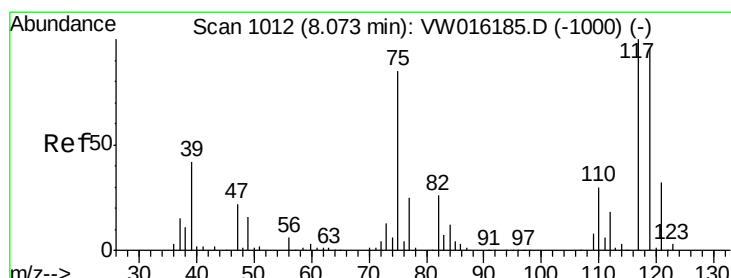
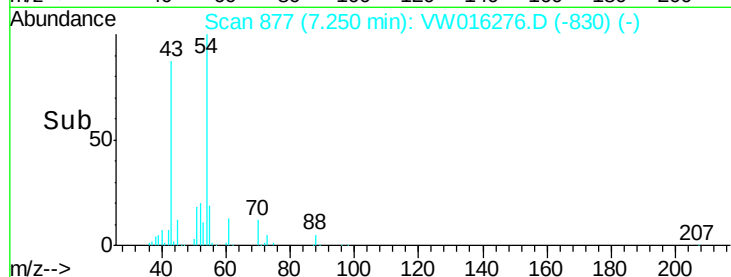
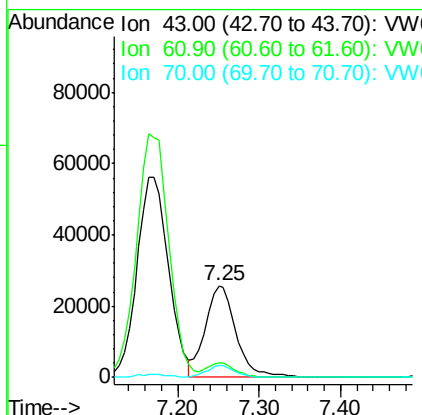
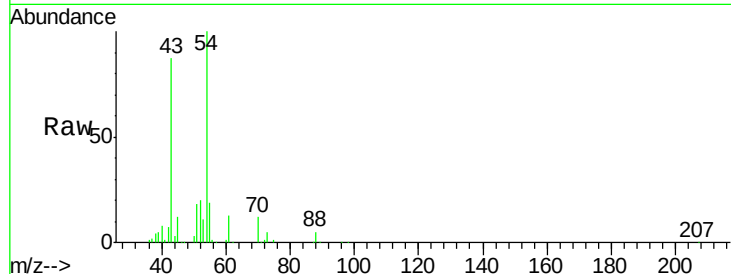
#37  
Ethyl Acetate  
Concen: 54.703 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.5  | 12.6  | 18.8  |
| 70      | 12.6  | 9.8   | 14.8  |

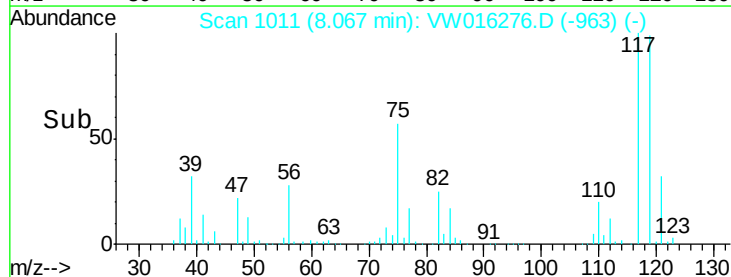
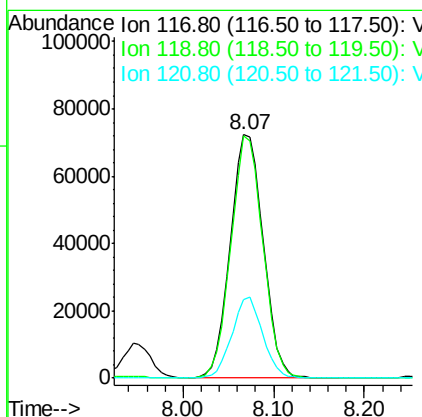
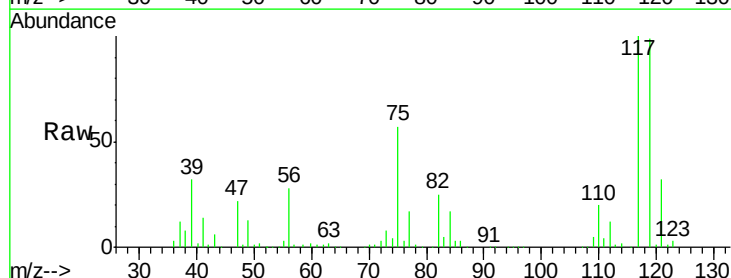
Manual Integrations  
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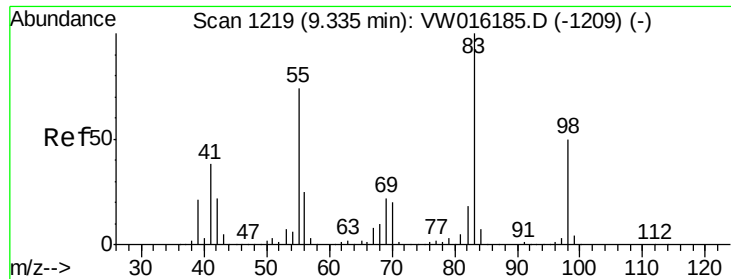


#38  
Carbon Tetrachloride  
Concen: 50.981 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 99.3  | 76.6  | 115.0 |
| 121     | 32.3  | 25.4  | 38.0  |







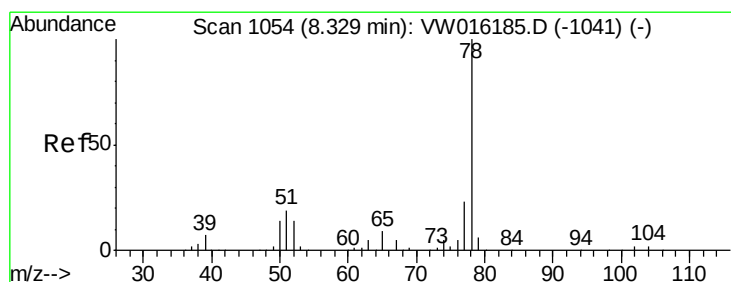
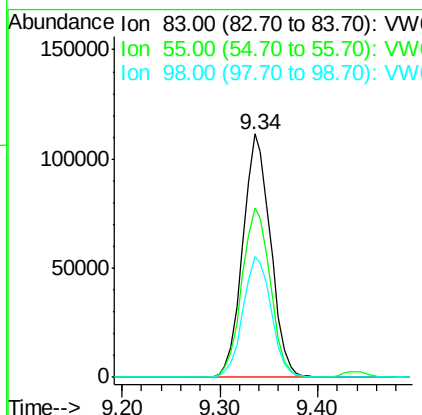
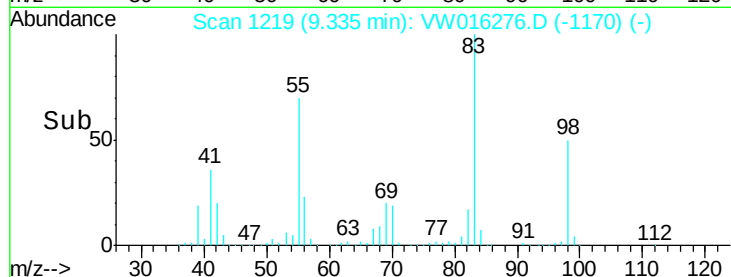
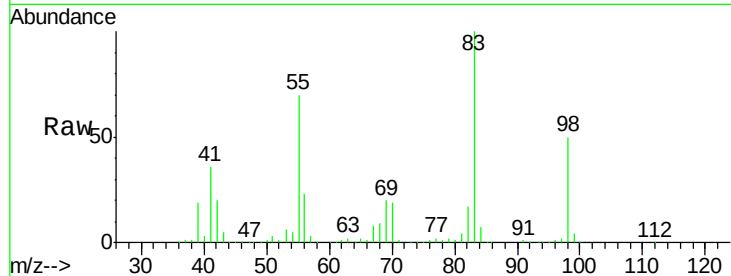
#39  
Methylvlcyclohexane  
Concen: 50.833 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 83   | Resp  | 219584 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 55        | 69.7 | 59.2  | 88.8   |
| 98        | 49.5 | 40.2  | 60.2   |

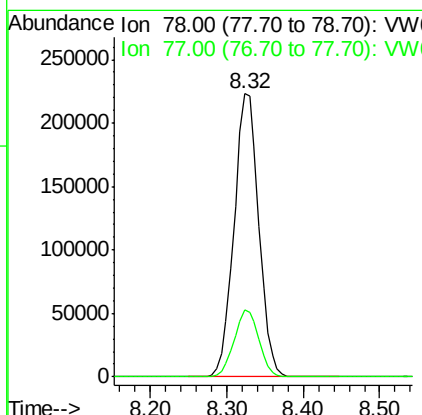
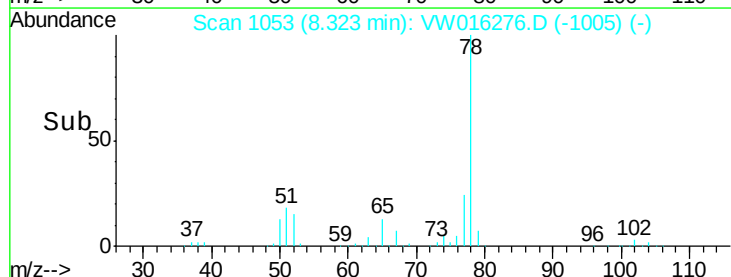
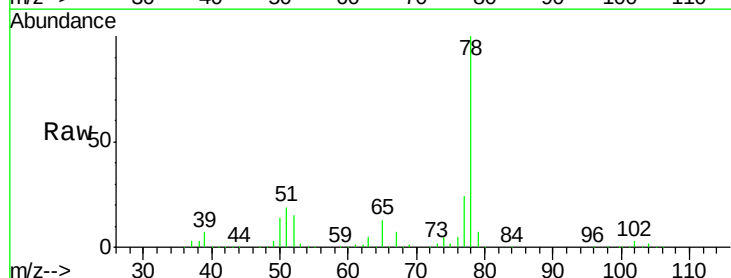
Manual Integrations  
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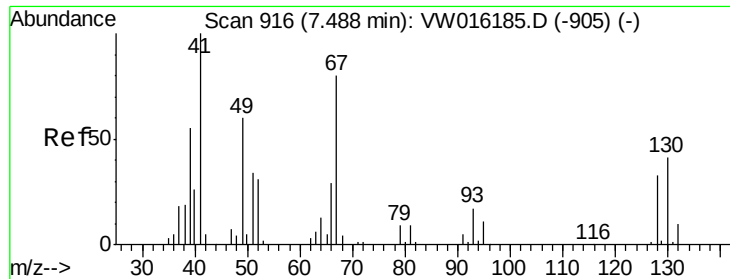
MMDadoda  
8/21/2020 11:25:51 AM



#40  
Benzene  
Concen: 49.404 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

| Tgt Ion   | 78   | Resp  | 498418 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 78        | 100  |       |        |
| 77        | 23.8 | 18.6  | 28.0   |





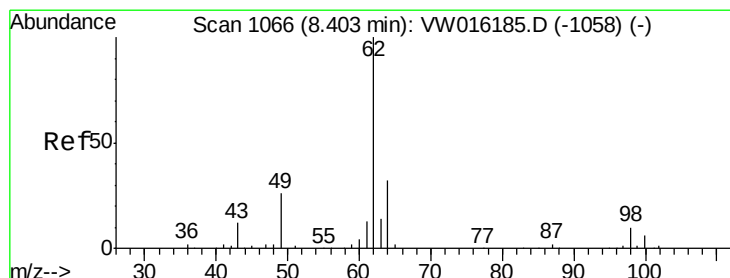
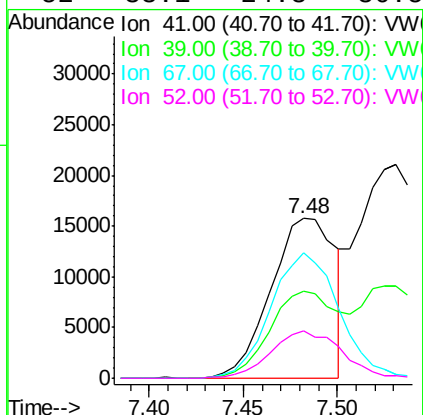
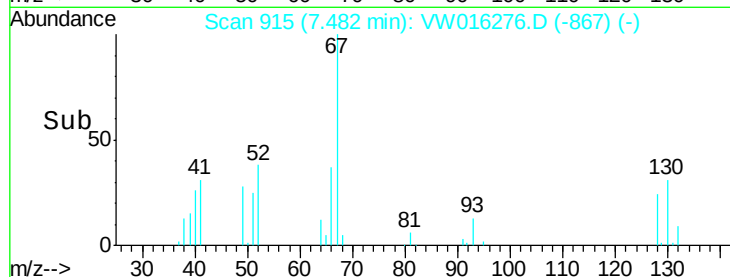
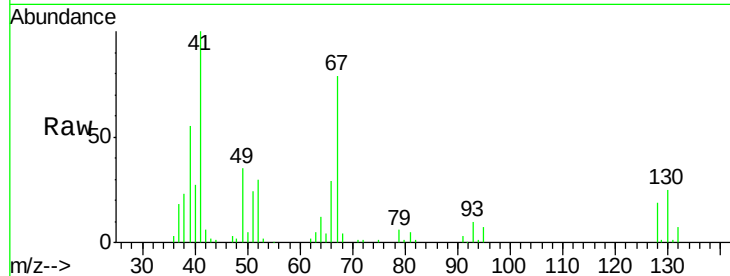
#41  
Methacrylonitrile  
Concen: 53.288 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. -0.01 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 60.3  | 43.4  | 65.2  |
| 67      | 83.5  | 61.5  | 92.3  |
| 52      | 33.1  | 24.3  | 36.5  |

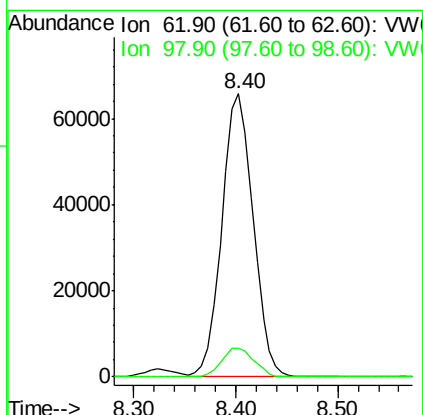
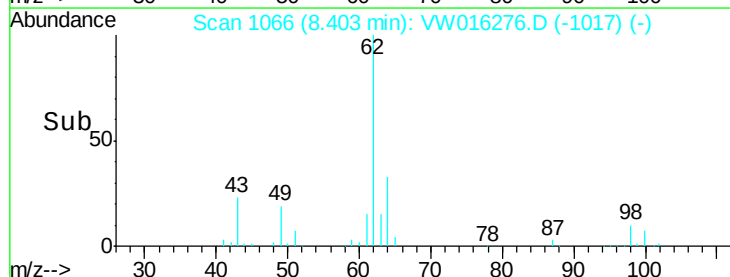
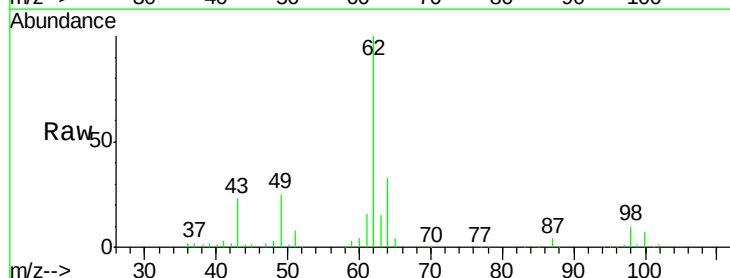
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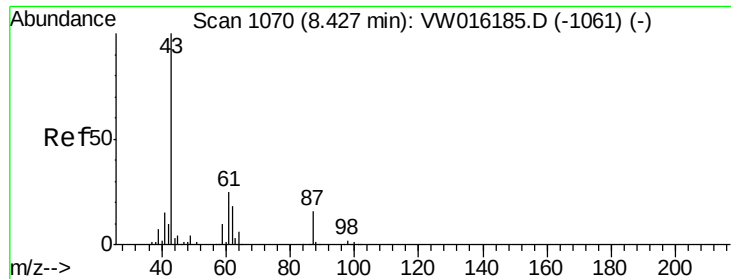
MMDadoda  
8/21/2020 11:25:51 AM



#42  
1,2-Dichloroethane  
Concen: 52.517 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.4  | 0.0   | 20.8  |





#43

Isopropyl Acetate

Concen: 54.721 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

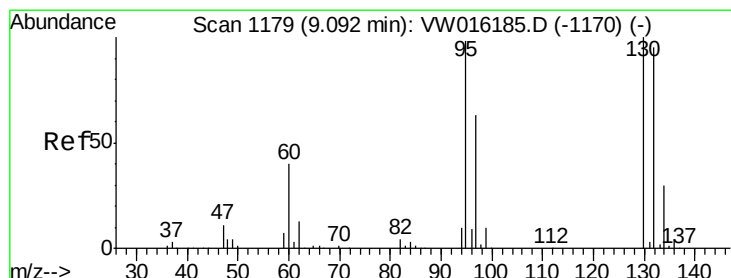
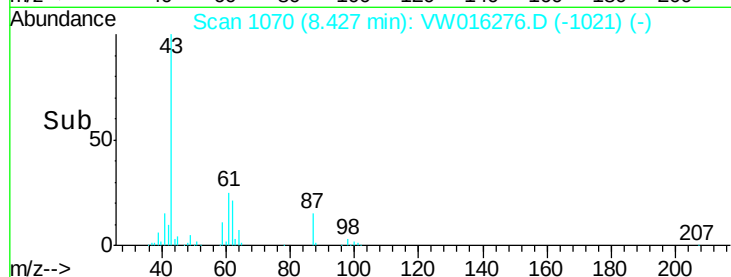
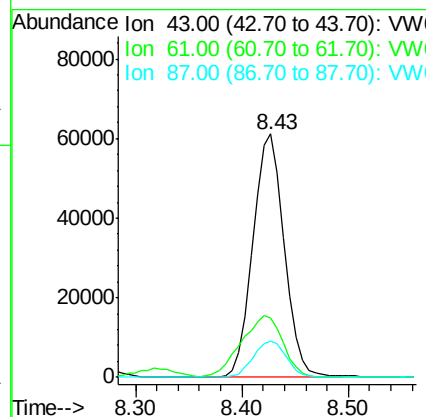
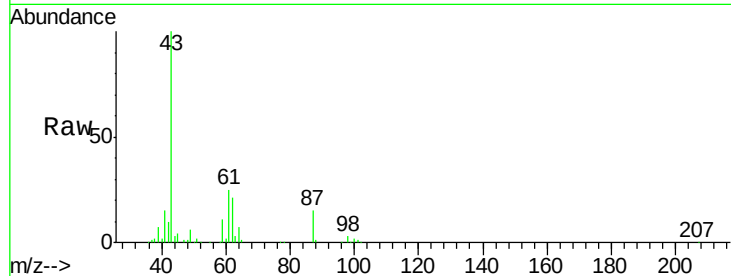
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 126582 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 33.9  | 26.9  | 40.3   |
| 87       | 15.8  | 12.0  | 18.0   |

Manual Integrations  
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#44

Trichloroethene

Concen: 48.510 ug/l

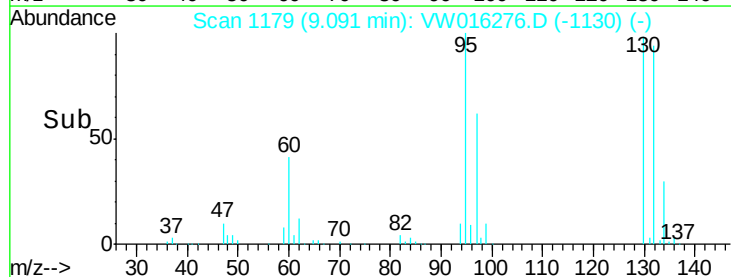
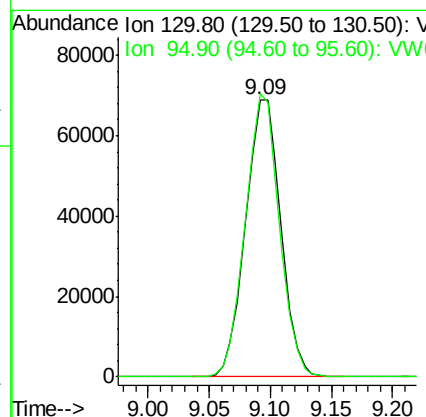
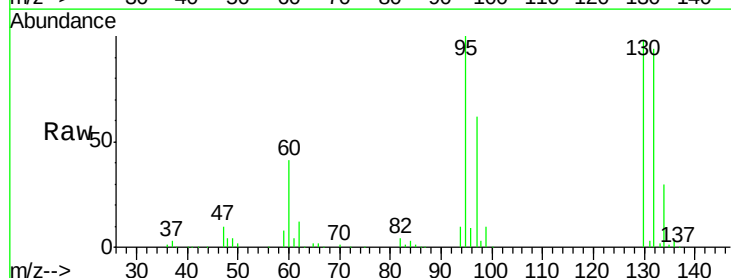
RT: 9.09 min Scan# 1179

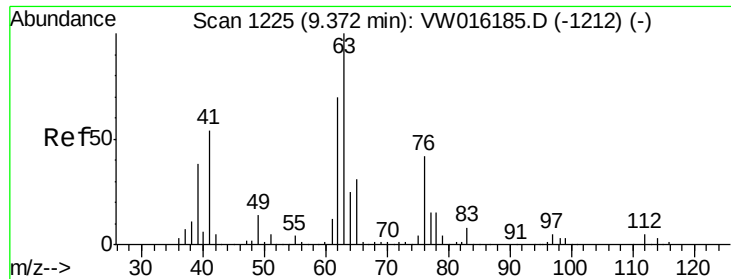
Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 138609 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 102.1 | 0.0   | 196.4  |





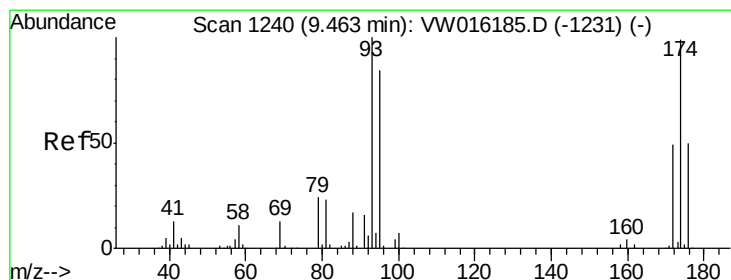
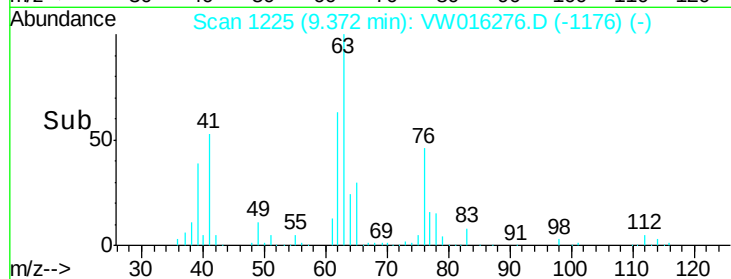
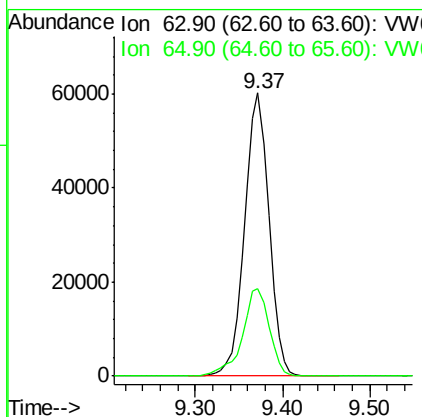
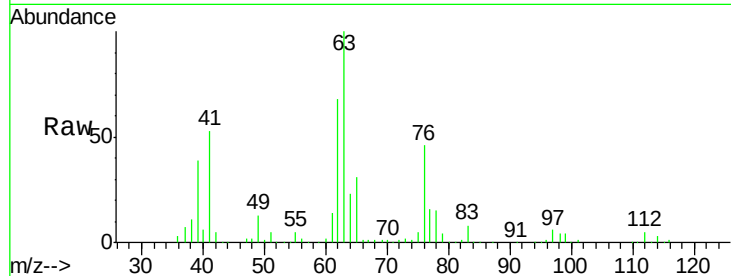
#45  
 1,2-Dichloropropane  
 Concen: 48.941 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.8  | 25.0  | 37.6  |

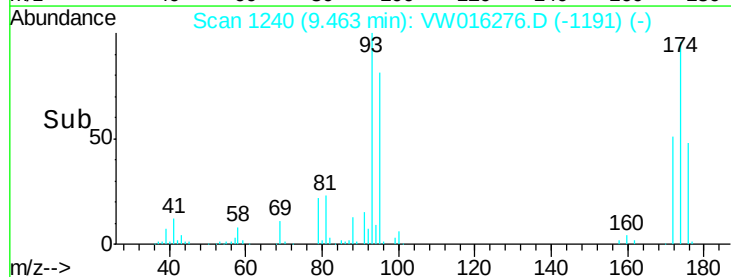
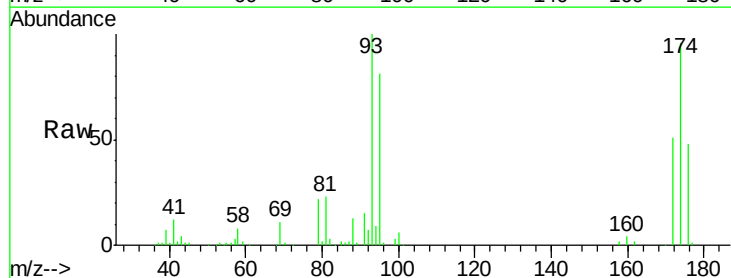
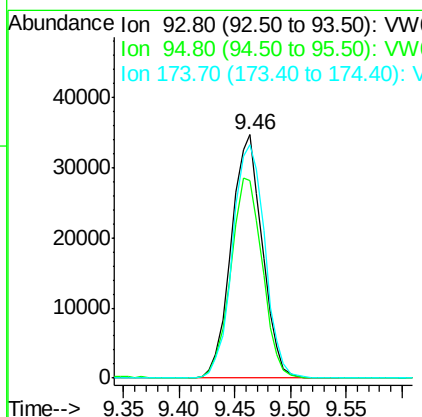
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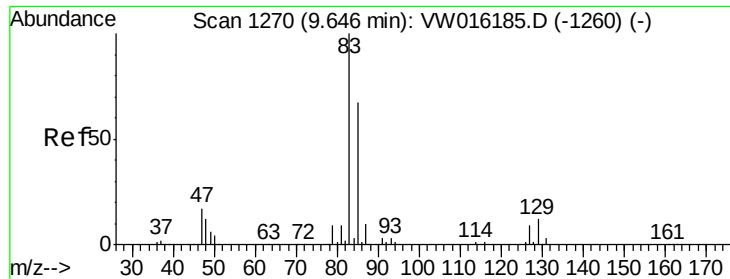
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#46  
 Dibromomethane  
 Concen: 53.689 ug/l  
 RT: 9.46 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.5  | 65.9  | 98.9  |
| 174     | 99.5  | 77.0  | 115.6 |





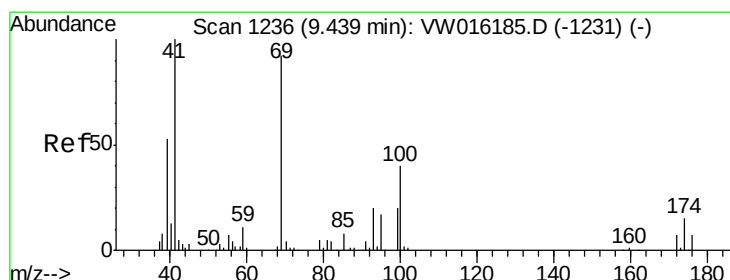
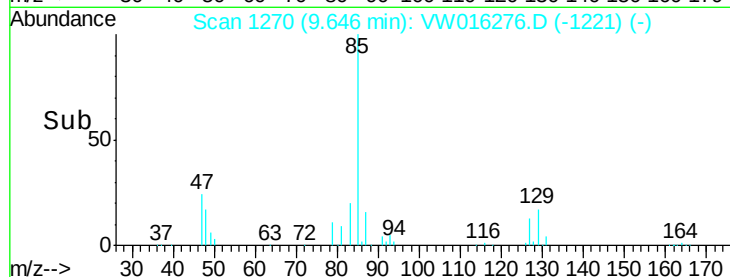
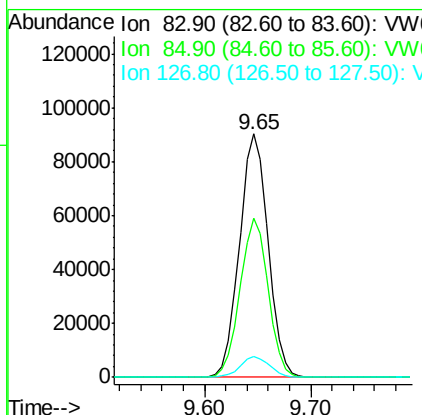
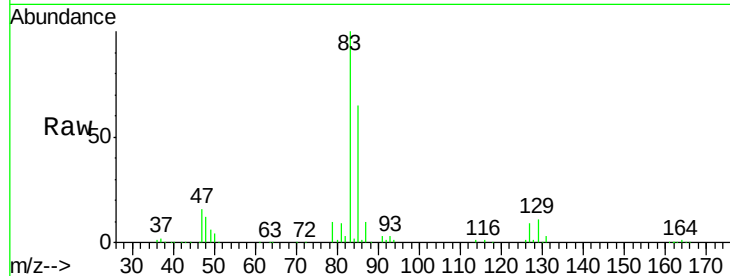
#47  
Bromodichloromethane  
Concen: 52.962 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | 83    | Resp  | 170845 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 83      | 100   |       |        |
| 85      | 65.4  | 53.3  | 79.9   |
| 127     | 8.7   | 7.4   | 11.2   |

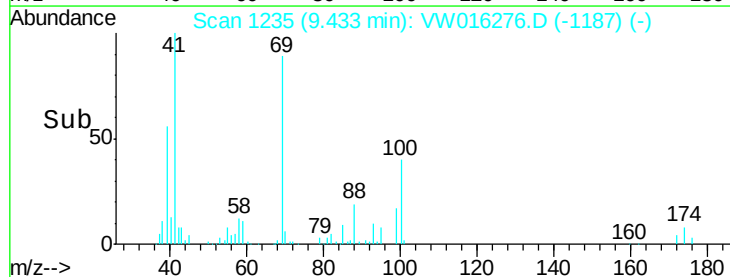
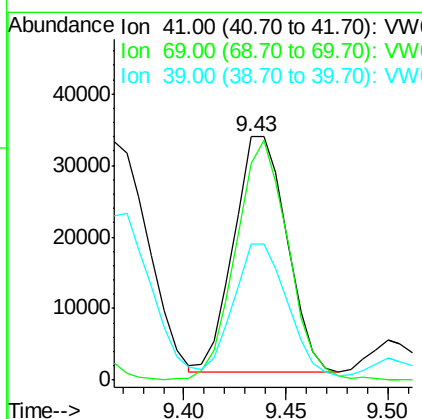
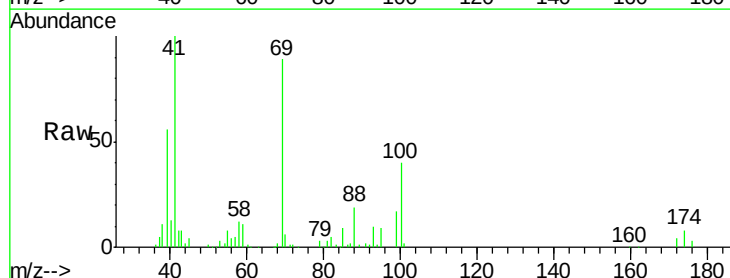
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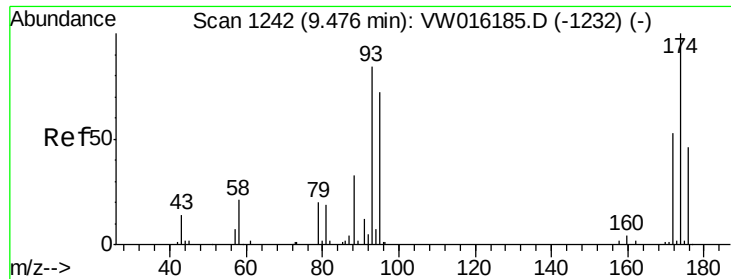
MMDadoda  
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#48  
Methyl methacrylate  
Concen: 55.687 ug/l  
RT: 9.43 min Scan# 1235  
Delta R.T. -0.01 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

| Tgt Ion | 41    | Resp  | 59884 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 69      | 99.7  | 77.4  | 116.0 |
| 39      | 55.2  | 42.2  | 63.2  |





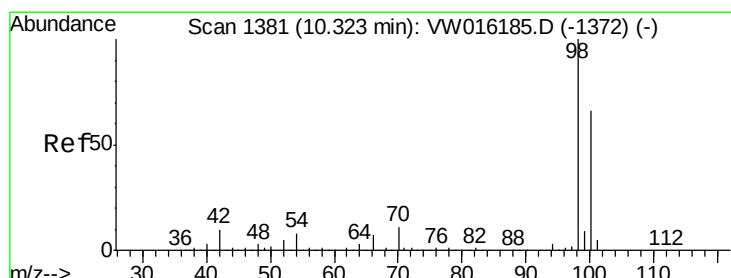
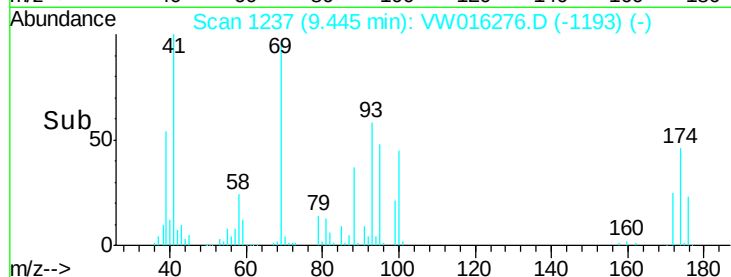
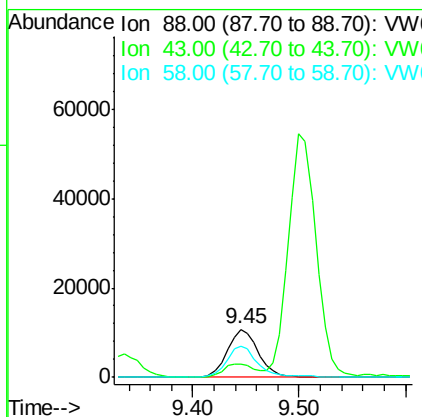
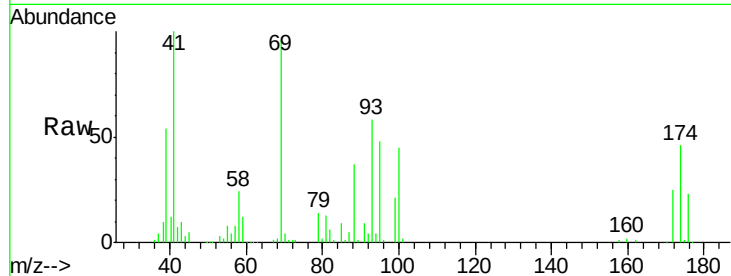
#49  
 1,4-Dioxane  
 Concen: 1383.313 ug/l  
 RT: 9.45 min Scan# 1237  
 Delta R.T. -0.03 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | 88    | Resp  | 21748 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 28.7  | 0.0   | 0.0#  |
| 58      | 64.2  | 56.6  | 84.8  |

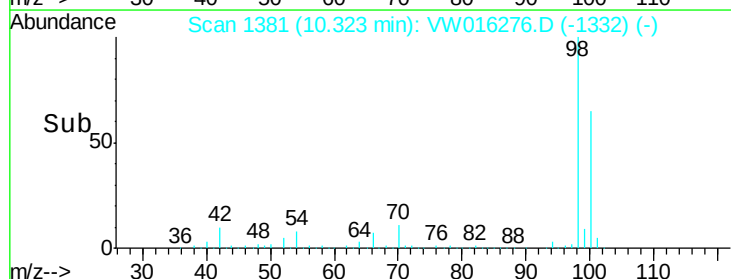
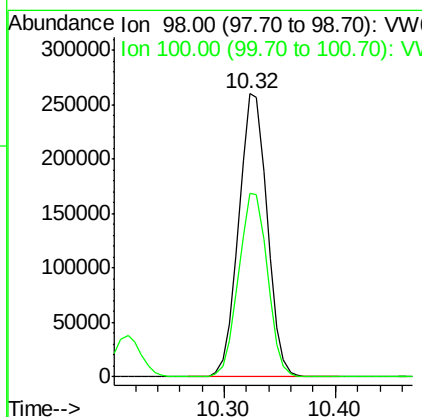
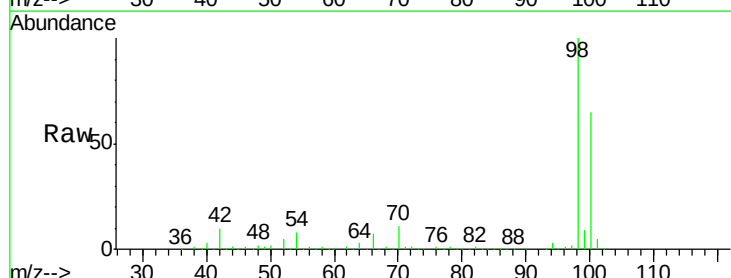
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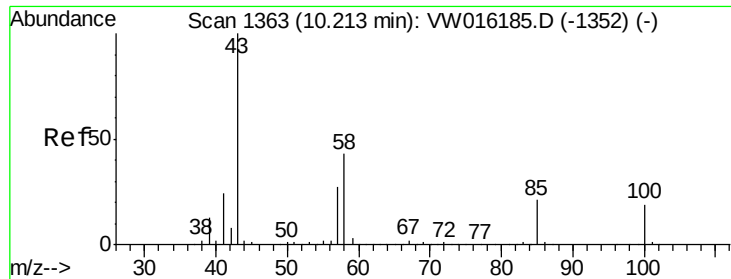
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#50  
 Toluene-d8  
 Concen: 53.105 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

| Tgt Ion | 98    | Resp  | 461705 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 66.0  | 53.5  | 80.3   |





#51

4-Methyl-2-Pentanone

Concen: 285.004 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 333441

Ion Ratio Lower Upper

43 100

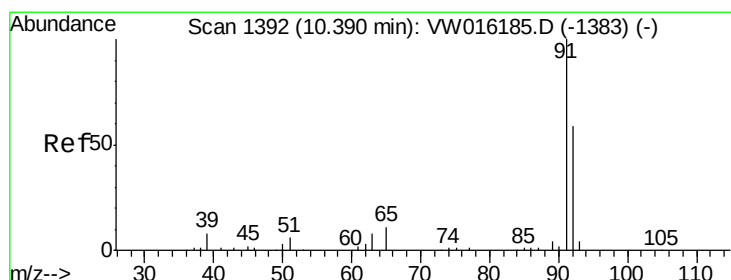
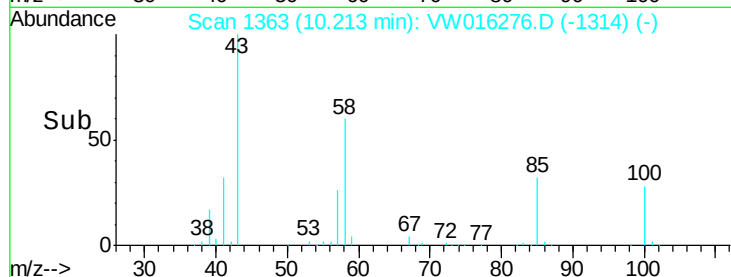
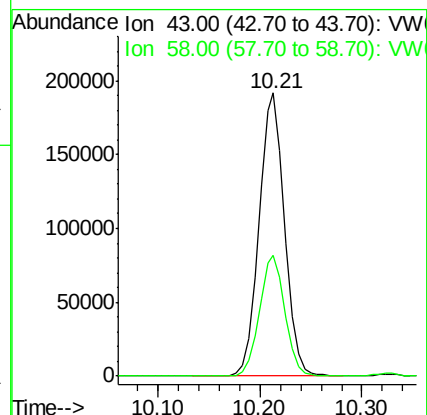
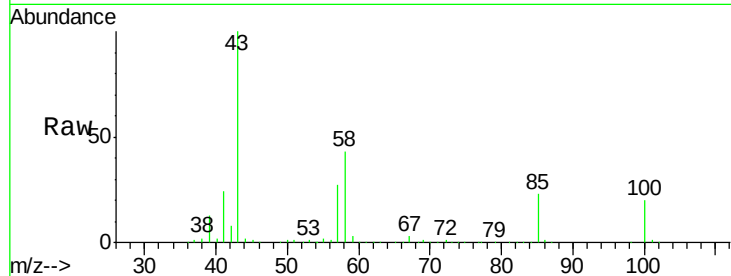
58 42.6 33.7 50.5

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#52

Toluene

Concen: 51.096 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016276.D

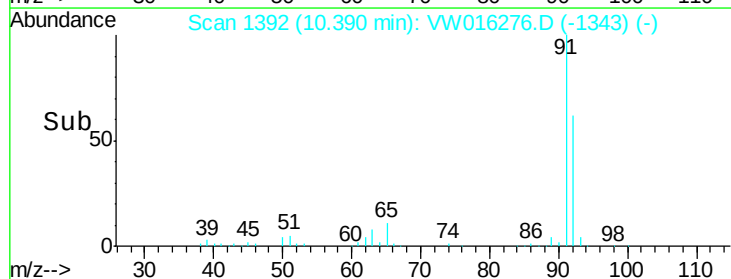
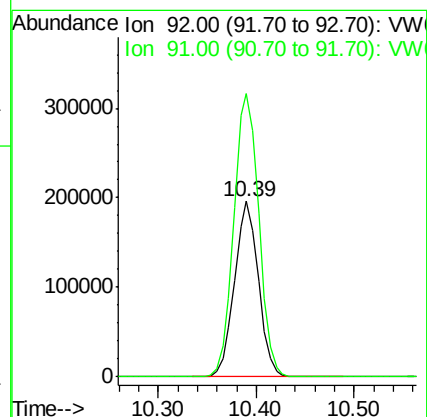
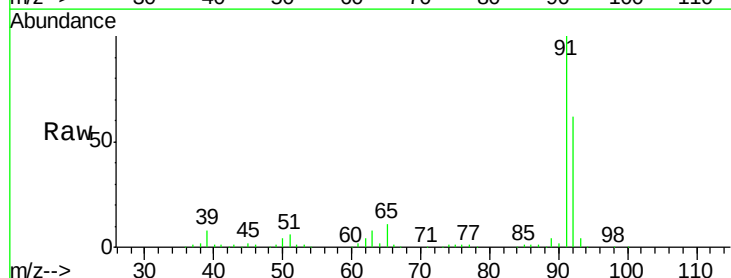
Acq: 20 Aug 2020 21:29

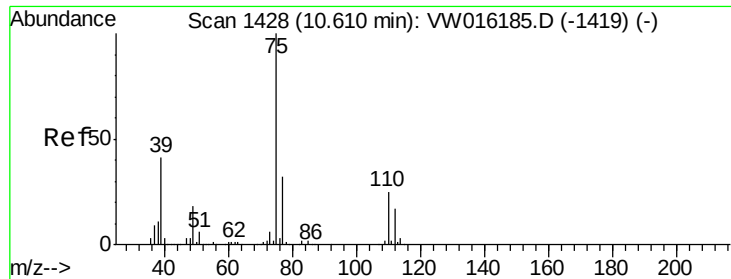
Tgt Ion: 92 Resp: 330092

Ion Ratio Lower Upper

92 100

91 169.5 133.3 199.9





#53

t-1,3-Dichloropropene

Concen: 54.971 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 164187

Ion Ratio Lower Upper

75 100

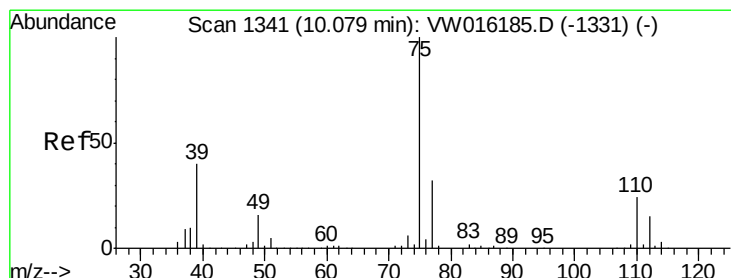
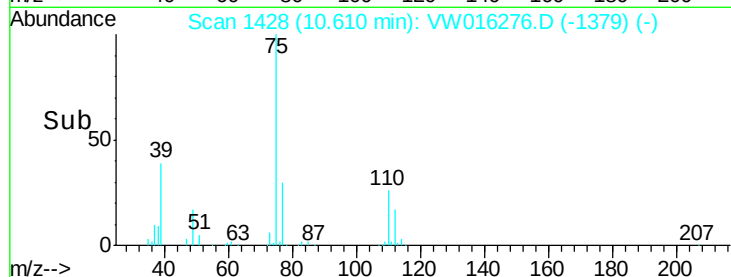
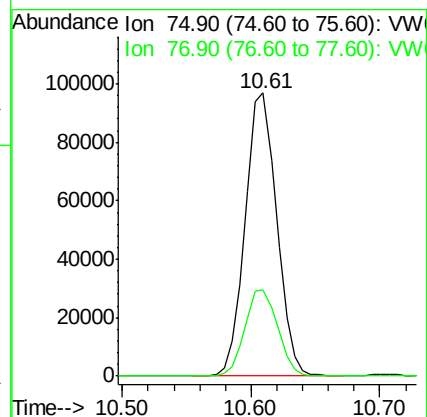
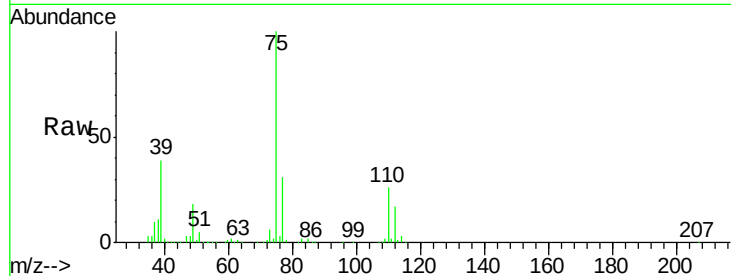
77 30.6 25.6 38.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 52.566 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

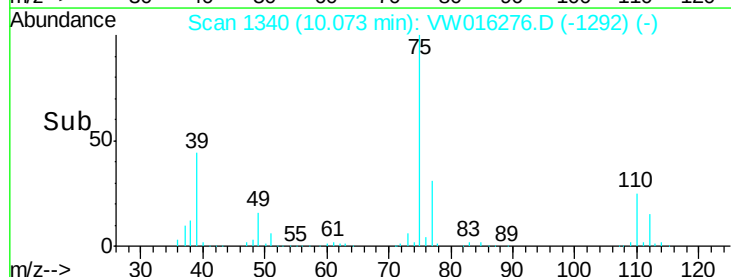
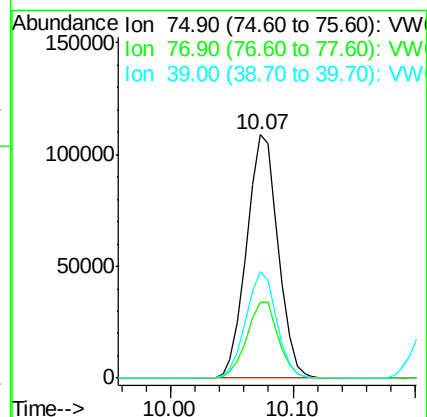
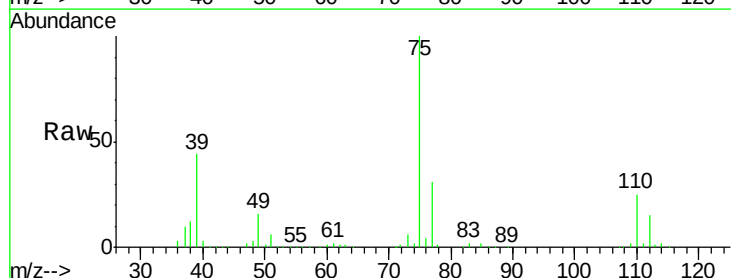
Tgt Ion: 75 Resp: 195133

Ion Ratio Lower Upper

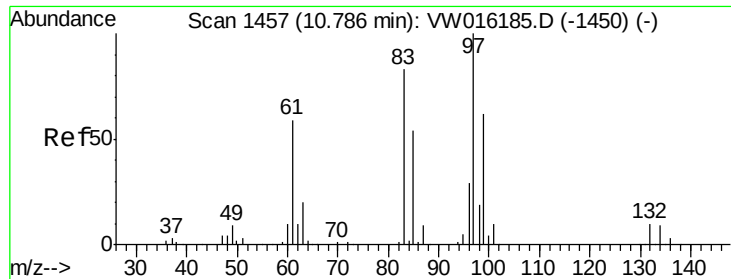
75 100

77 31.4 25.3 37.9

39 44.0 32.3 48.5







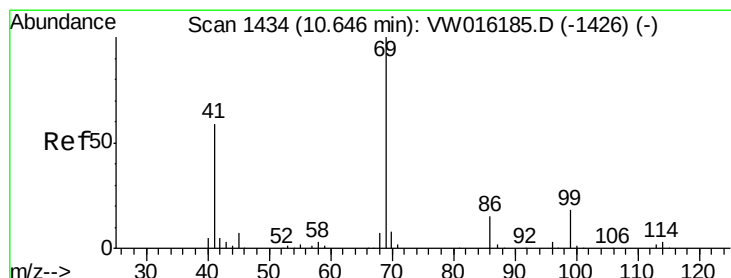
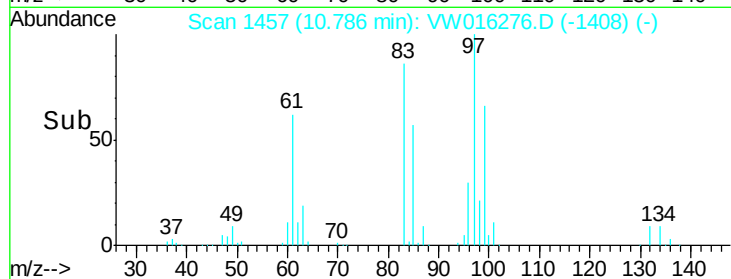
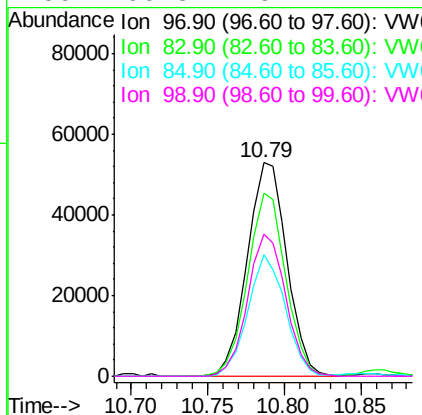
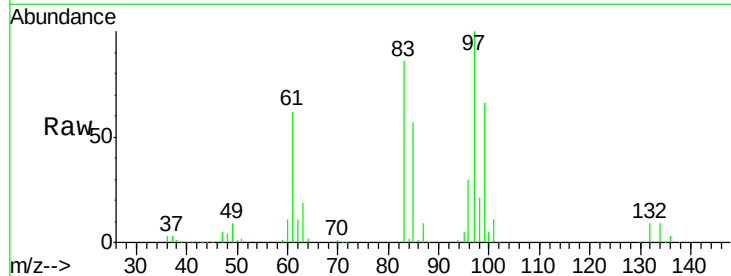
#55  
 1,1,2-Trichloroethane  
 Concen: 53.102 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | 97    | Resp  | 95131 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 86.0  | 66.6  | 100.0 |
| 85      | 56.8  | 43.0  | 64.4  |
| 99      | 66.3  | 49.4  | 74.2  |

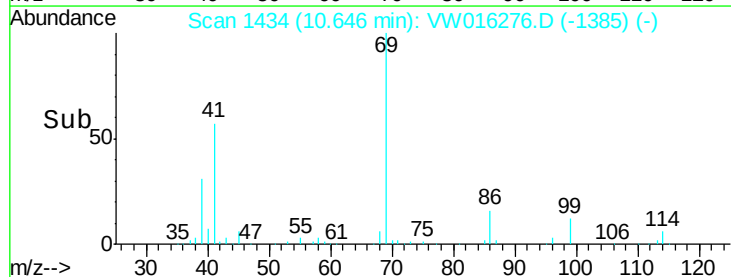
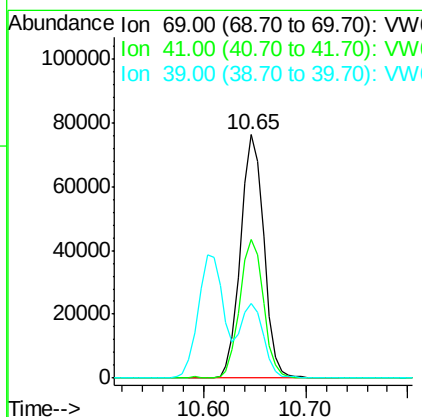
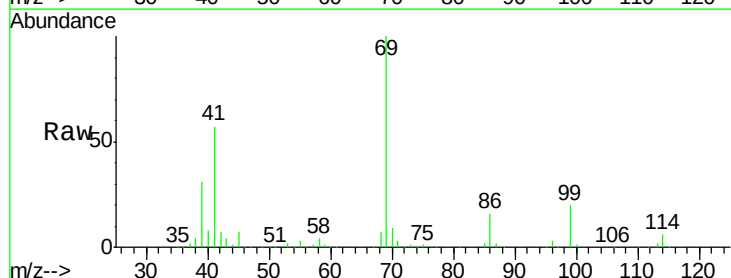
Manual Integrations  
 APPROVED

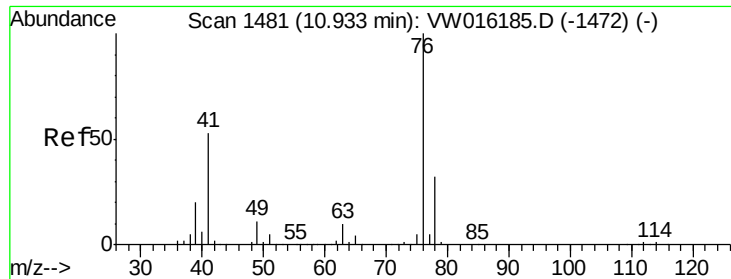
MMDadoda  
 8/21/2020 11:25:51 AM



#56  
 Ethyl methacrylate  
 Concen: 58.986 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

| Tgt Ion | 69    | Resp  | 120508 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 69      | 100   |       |        |
| 41      | 57.4  | 47.6  | 71.4   |
| 39      | 30.7  | 24.6  | 36.8   |





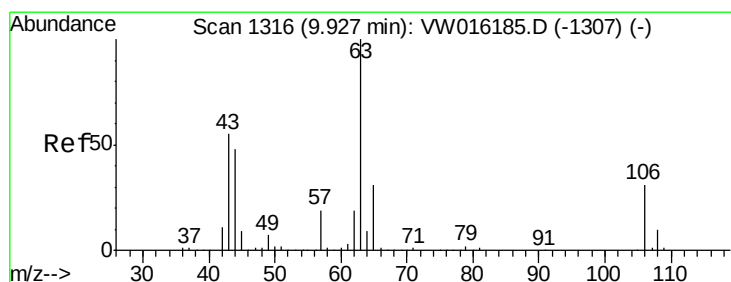
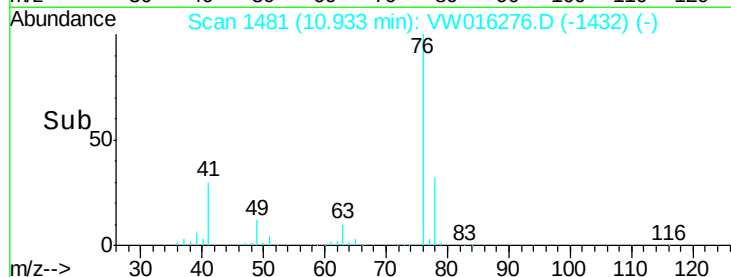
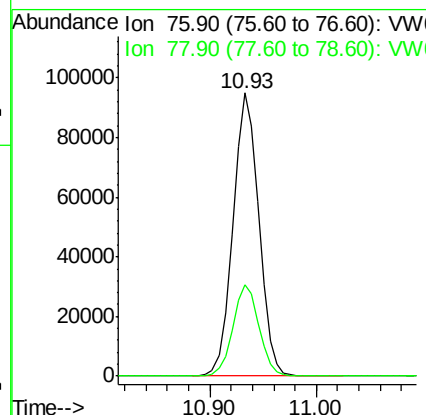
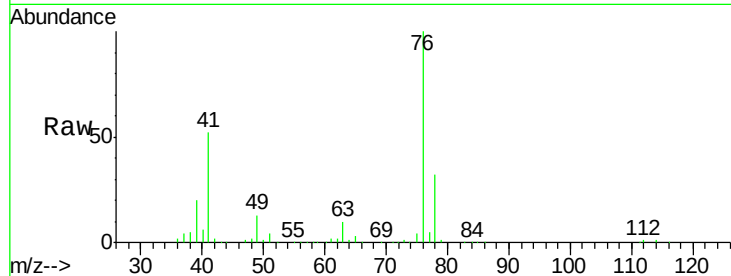
#57  
 1,3-Dichloropropane  
 Concen: 52.826 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 161016  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 25.8 38.8

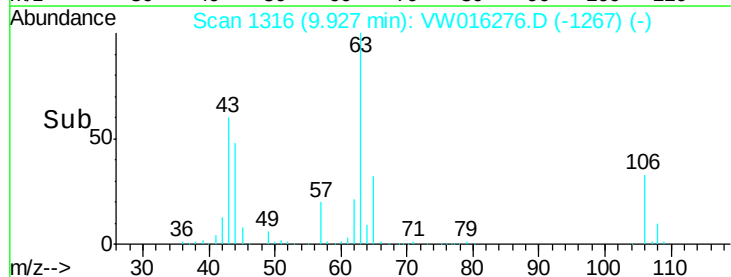
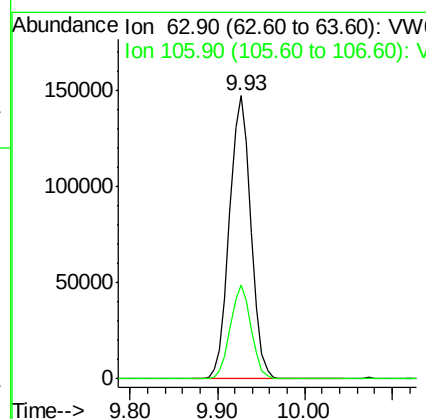
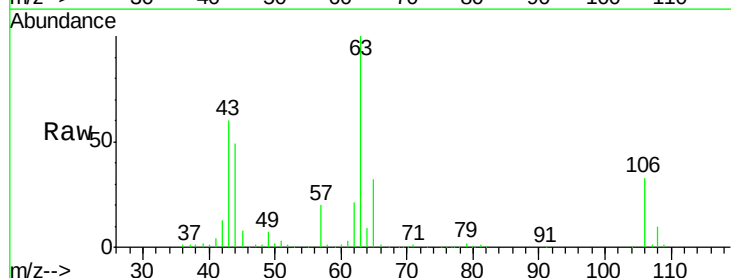
Manual Integrations  
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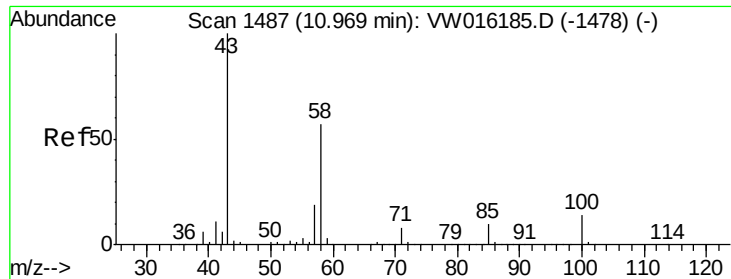
MMDadoda  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 268.753 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

Tgt Ion: 63 Resp: 250333  
 Ion Ratio Lower Upper  
 63 100  
 106 32.1 24.9 37.3





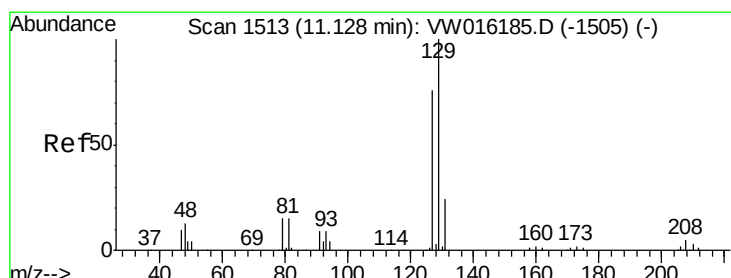
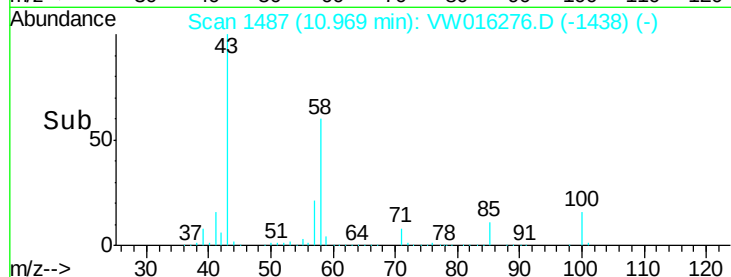
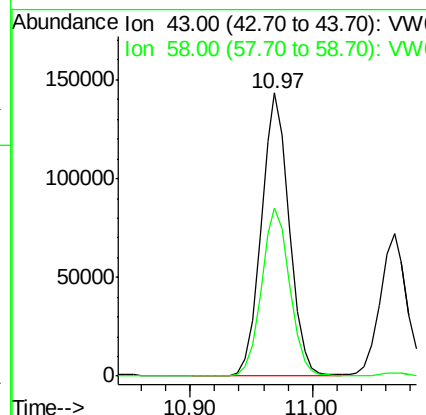
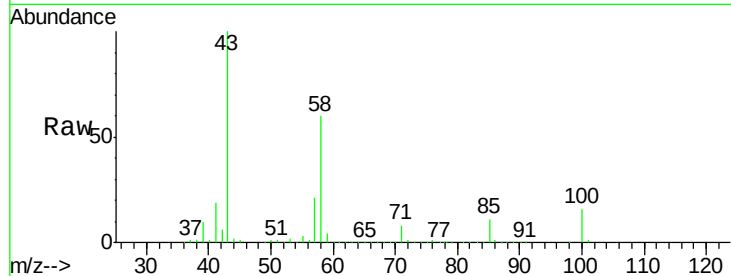
#59  
2-Hexanone  
Concen: 284.443 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 60.0  | 28.8  | 86.5  |

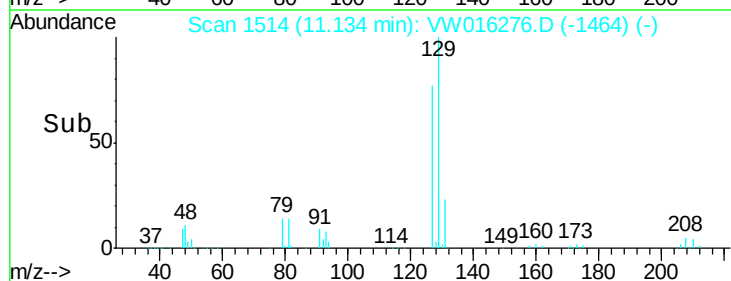
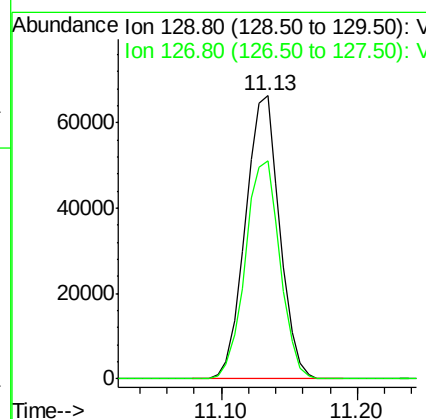
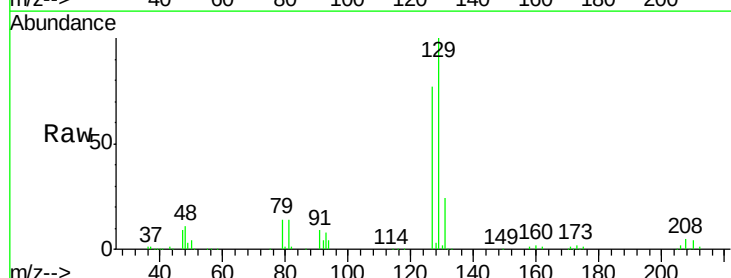
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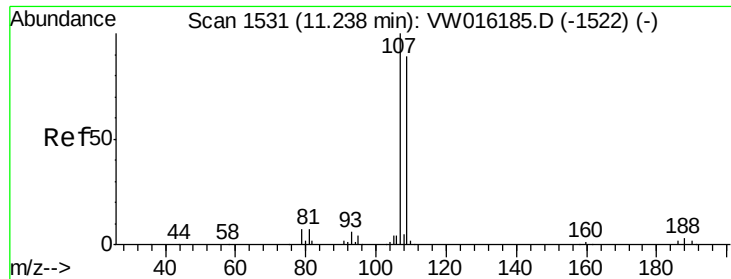
MMDadoda  
8/21/2020 11:25:51 AM



#60  
Dibromochloromethane  
Concen: 54.660 ug/l  
RT: 11.13 min Scan# 1514  
Delta R.T. 0.01 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 78.2  | 38.3  | 114.8 |





#61

1,2-Dibromoethane

Concen: 54.605 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 94170

Ion Ratio Lower Upper

107 100

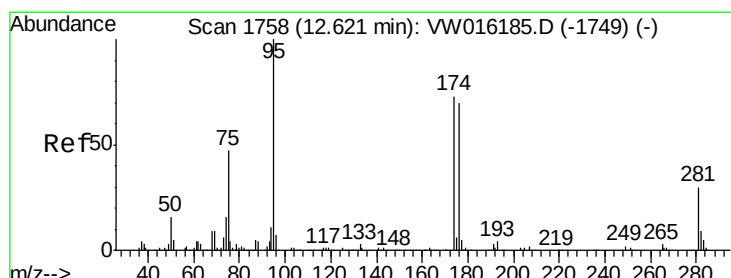
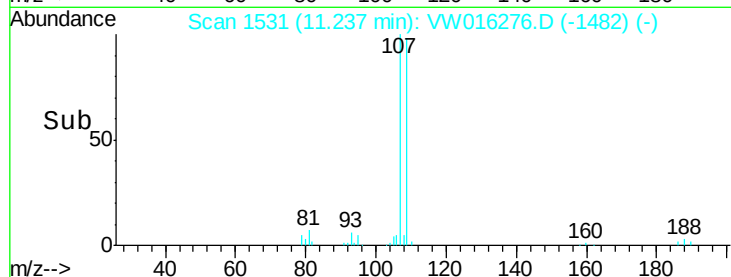
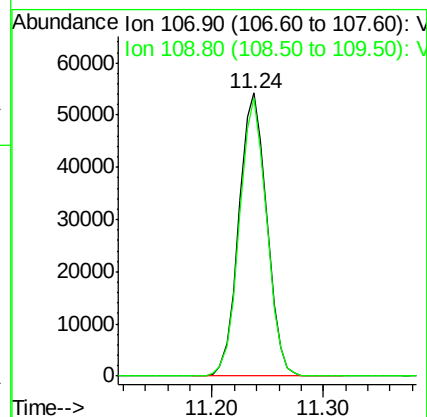
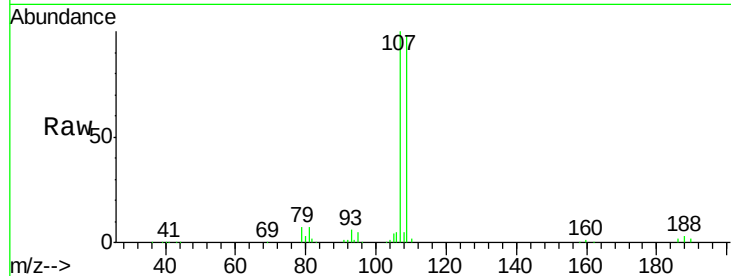
109 95.8 74.7 112.1

Manual Integrations

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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 54.518 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

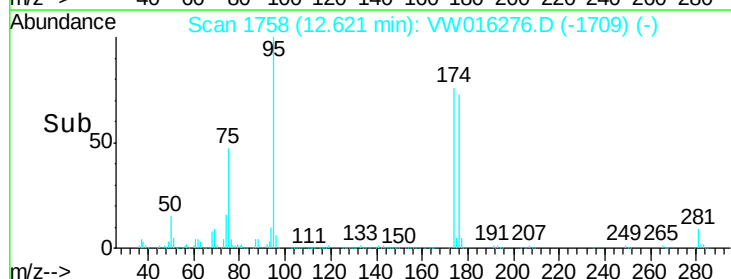
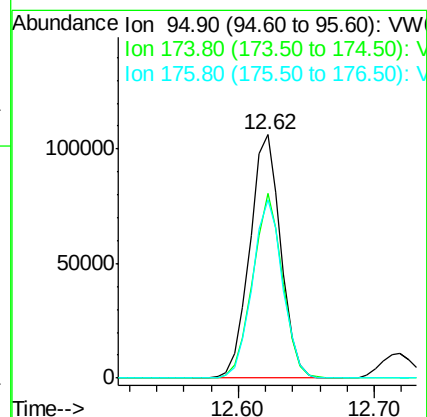
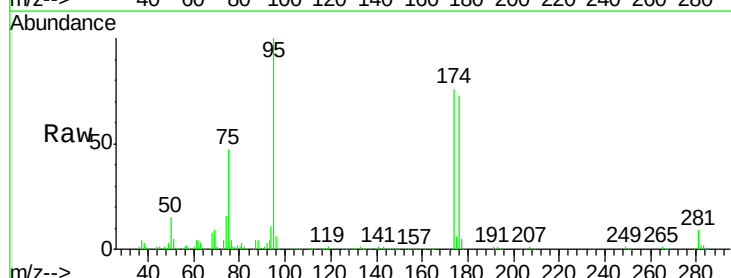
Tgt Ion: 95 Resp: 169430

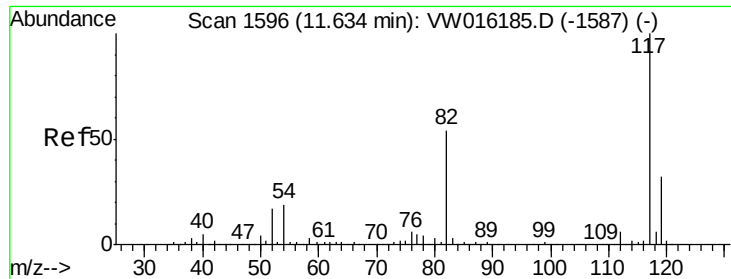
Ion Ratio Lower Upper

95 100

174 73.0 0.0 145.6

176 72.0 0.0 137.8





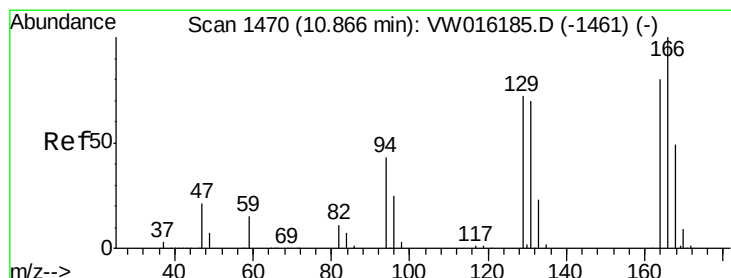
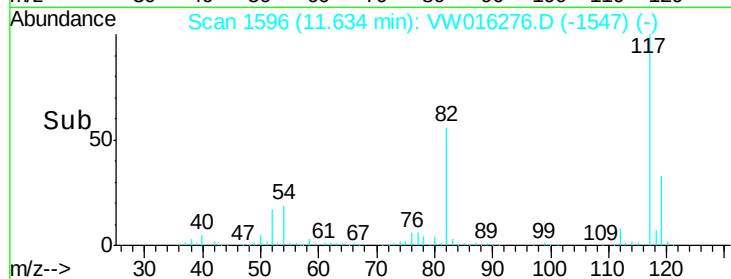
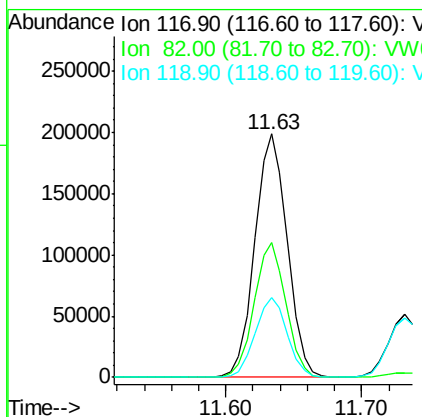
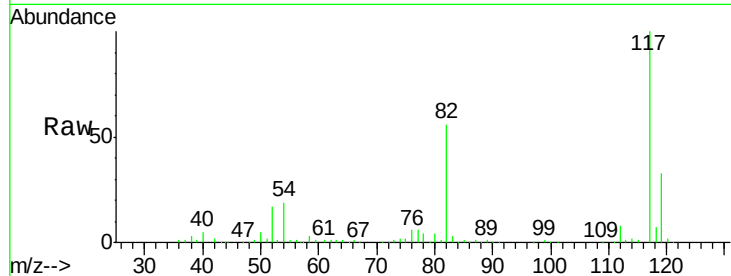
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.6  | 43.6  | 65.4  |
| 119     | 32.7  | 25.4  | 38.0  |

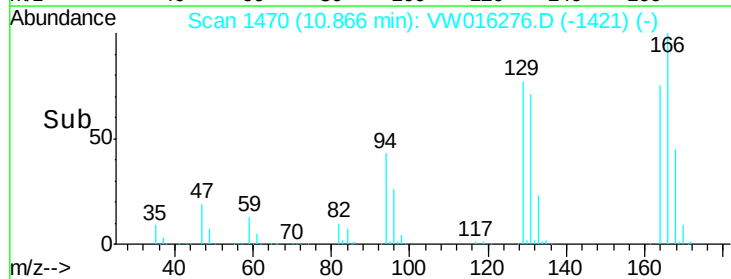
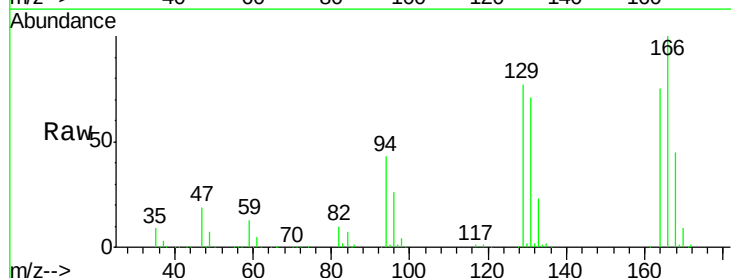
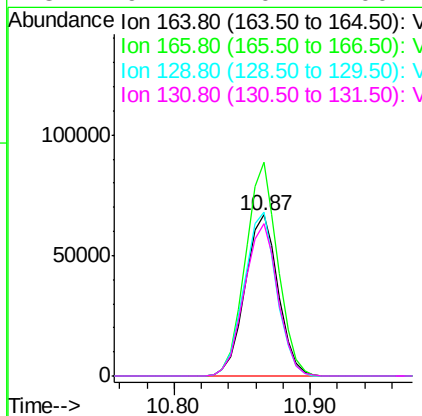
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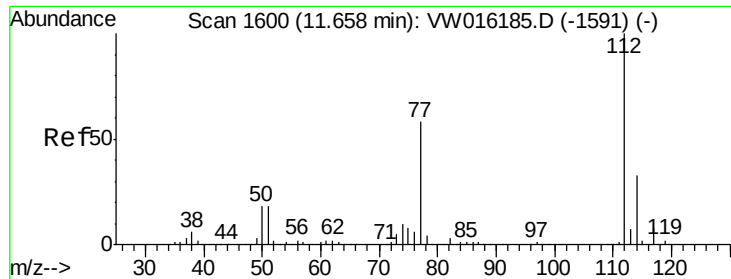
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 52.156 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 132.6 | 100.3 | 150.5 |
| 129     | 101.5 | 72.2  | 108.4 |
| 131     | 94.2  | 70.7  | 106.1 |





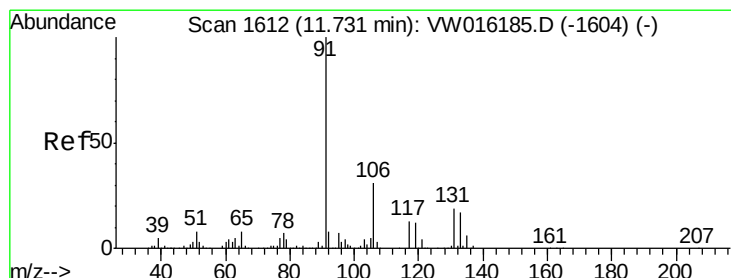
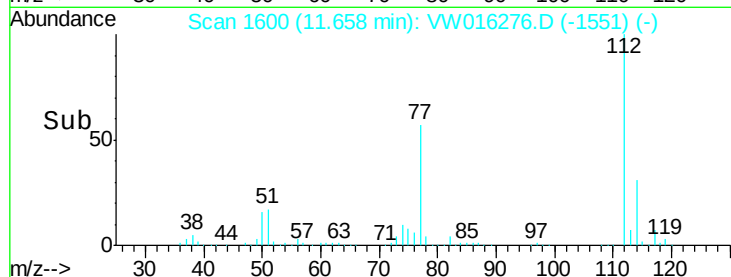
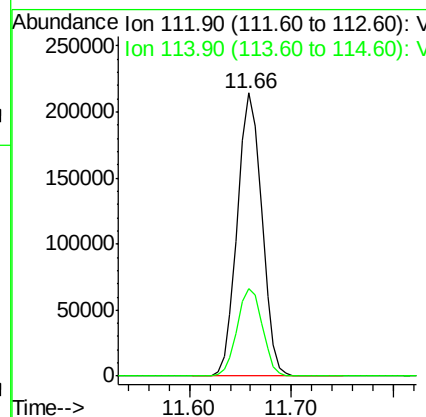
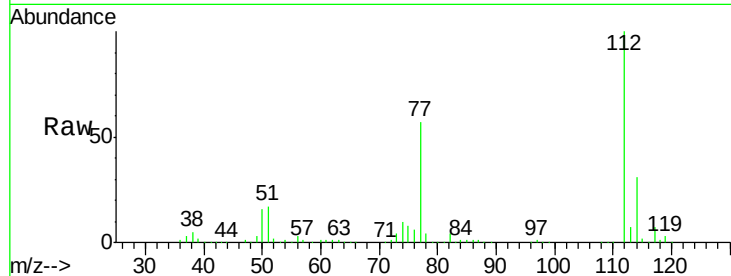
#65  
Chlorobenzene  
Concen: 52.281 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 355288  
Ion Ratio Lower Upper  
112 100  
114 30.9 26.6 39.8

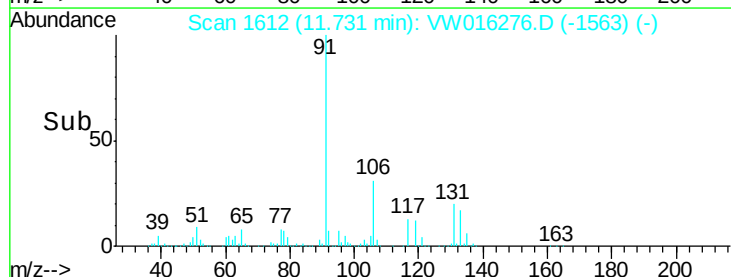
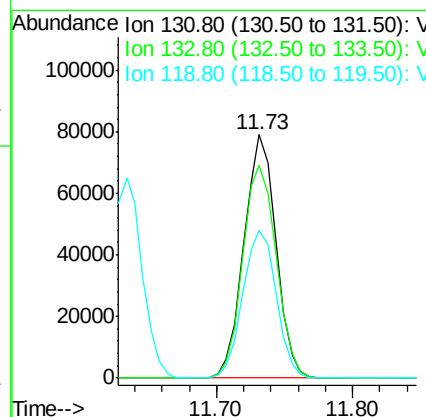
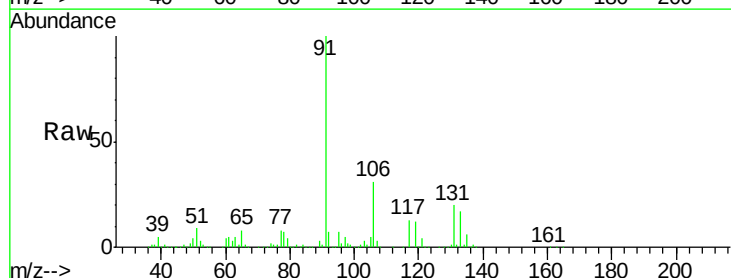
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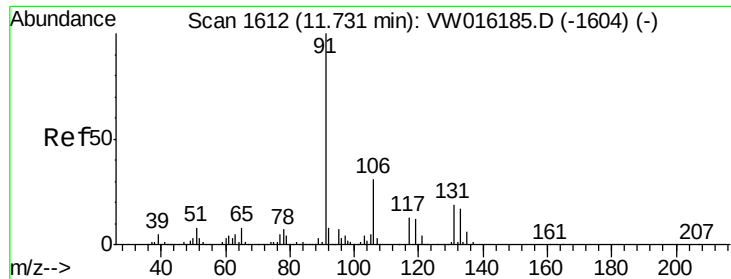
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.769 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Tgt Ion:131 Resp: 130099  
Ion Ratio Lower Upper  
131 100  
133 91.8 47.1 141.3  
119 63.6 33.1 99.3





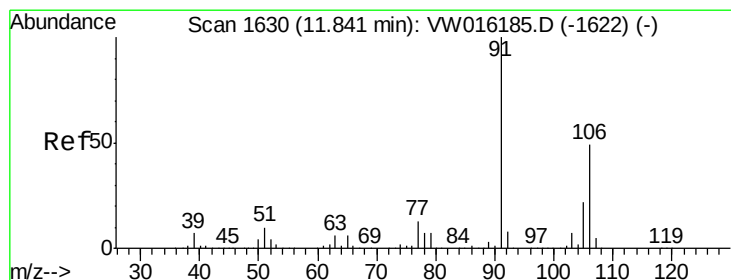
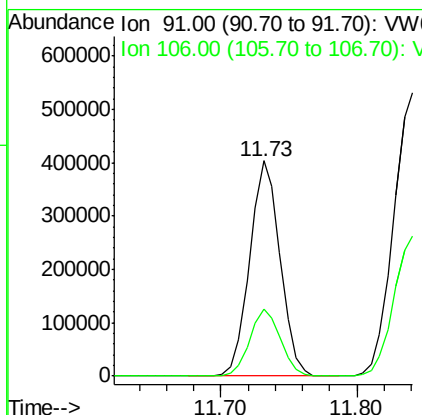
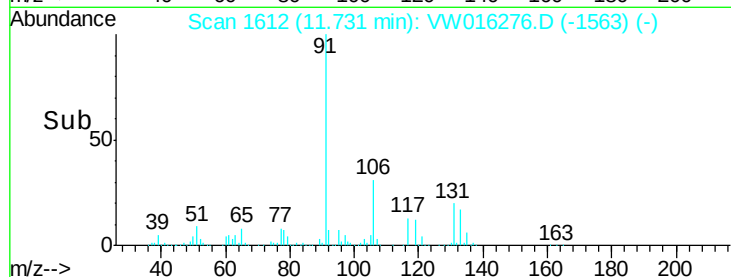
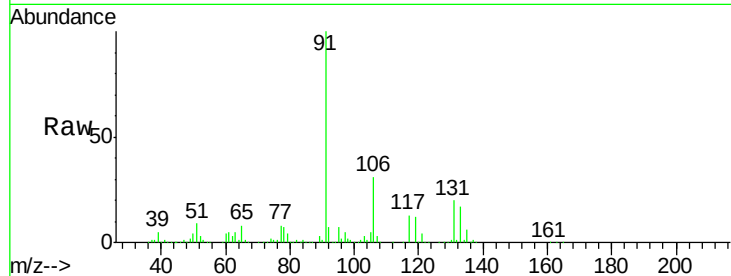
#67  
Ethyl Benzene  
Concen: 51.838 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

Tot Ion: 91 Resp: 633123  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.9 37.3

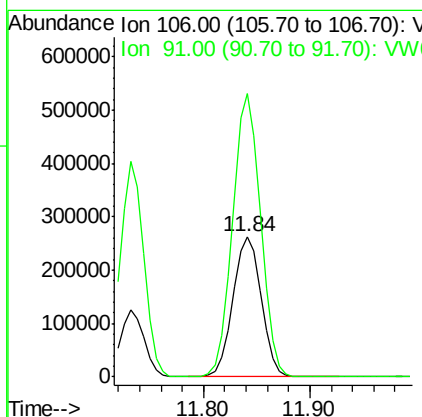
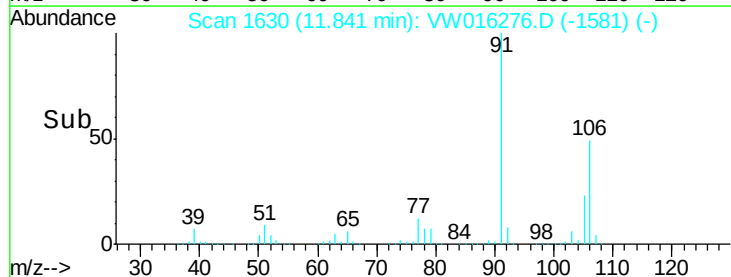
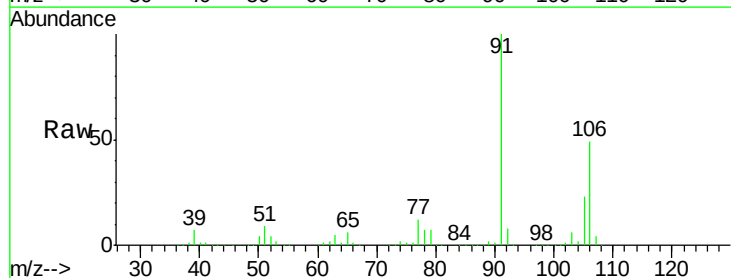
Manual Integrations  
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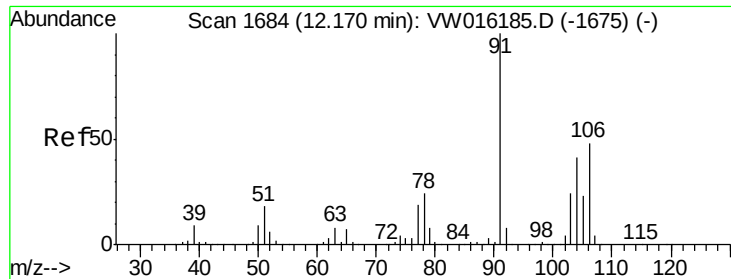
MMDadoda  
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#68  
m/p-Xylenes  
Concen: 104.170 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Tgt Ion: 106 Resp: 489026  
Ion Ratio Lower Upper  
106 100  
91 200.4 161.4 242.2





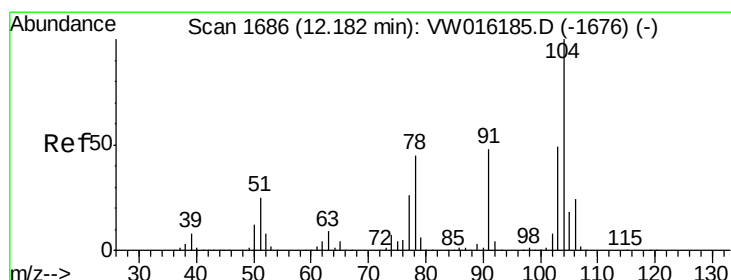
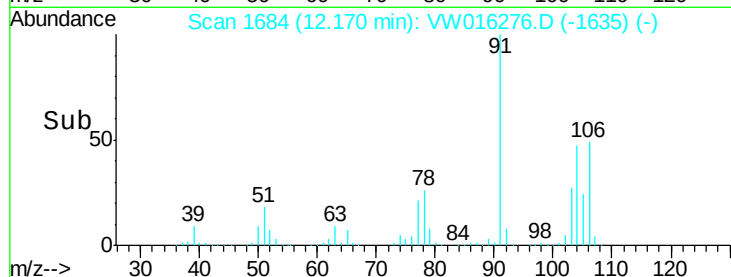
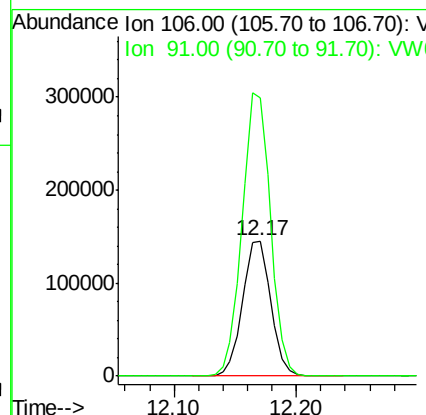
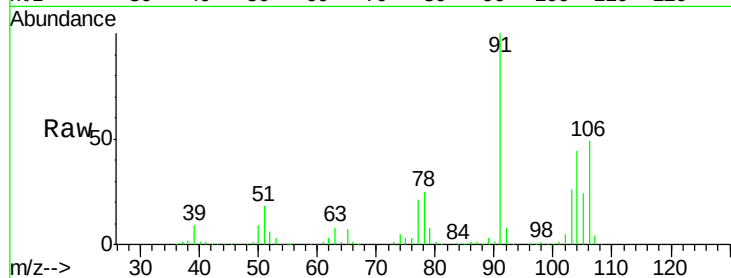
#69  
o-Xylene  
Concen: 55.415 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 210.5 | 106.0 | 317.9 |

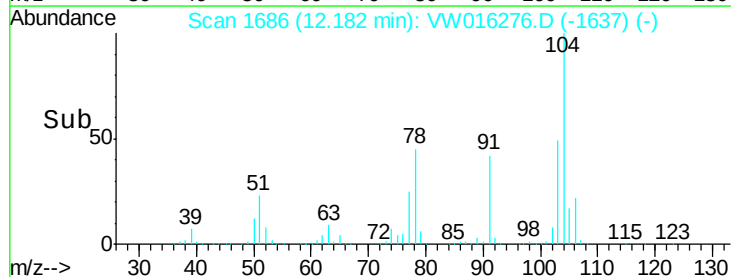
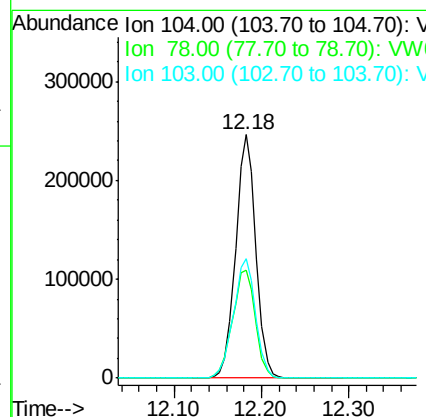
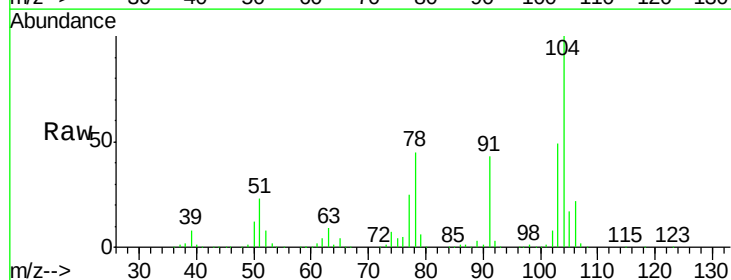
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8/21/2020 11:25:51 AM

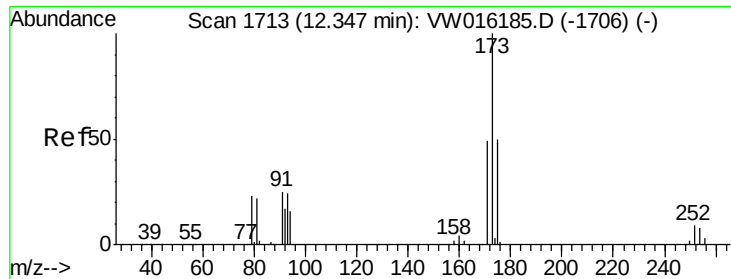


#70  
Styrene  
Concen: 54.655 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 50.1  | 39.4  | 59.2  |
| 103     | 53.6  | 42.9  | 64.3  |







#71

Bromoform

Concen: 57.810 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 61457

Ion Ratio Lower Upper

173 100

175 50.3 24.7 74.1

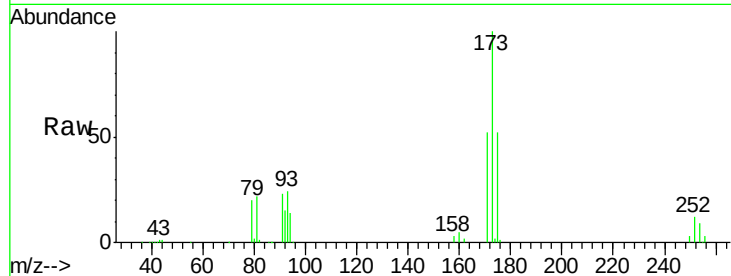
254 0.1 0.0 0.0#

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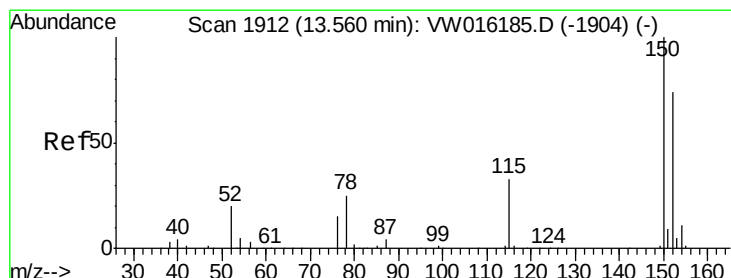
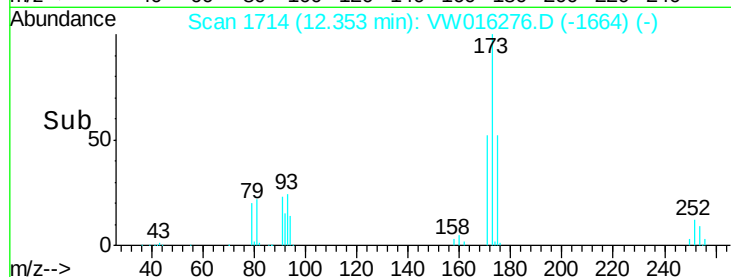
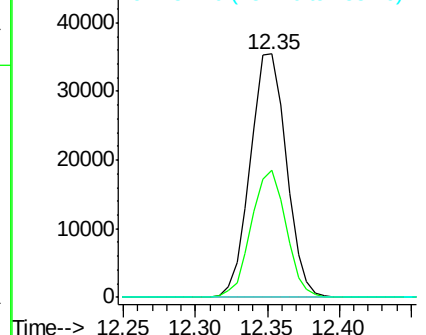
8/21/2020 11:25:51 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

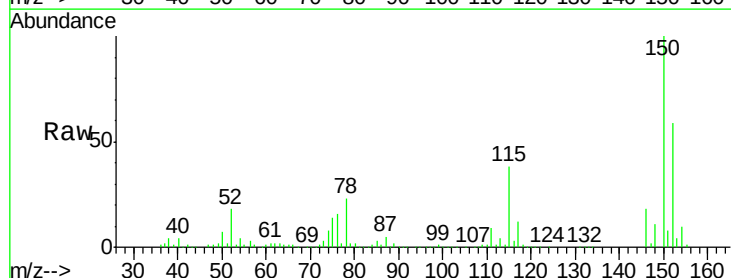
Tgt Ion:152 Resp: 161628

Ion Ratio Lower Upper

152 100

115 61.7 30.9 92.5

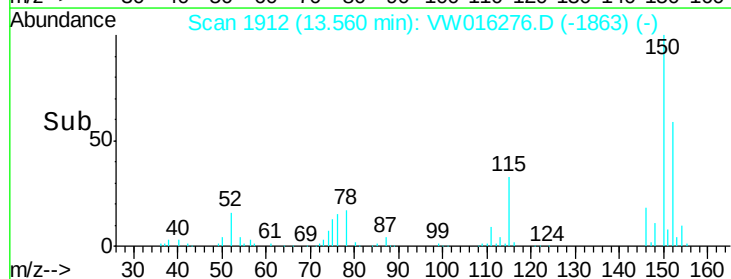
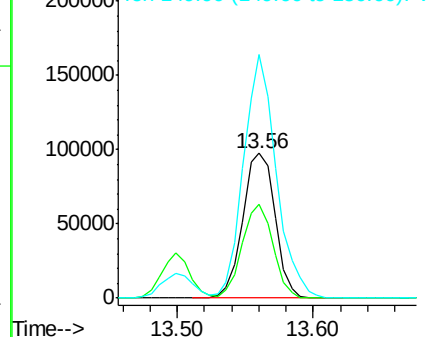
150 170.2 0.0 337.8

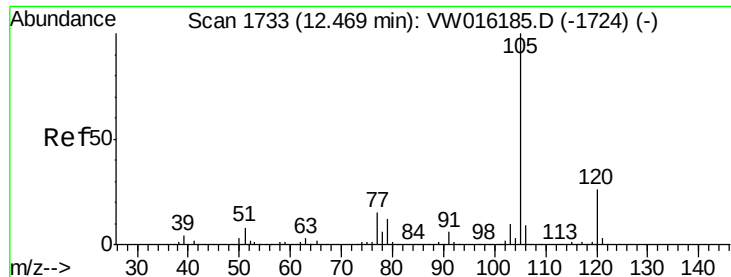


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.310 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 619649

Ion Ratio Lower Upper

105 100

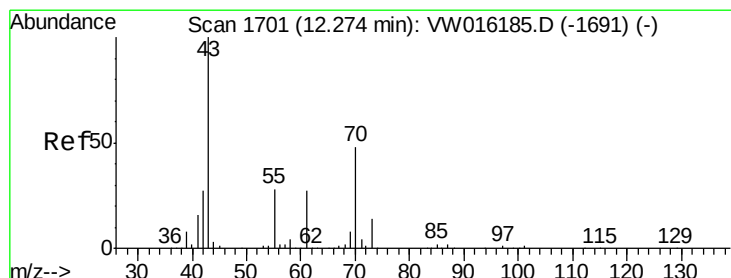
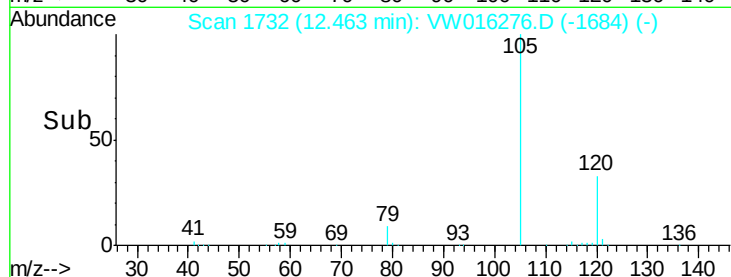
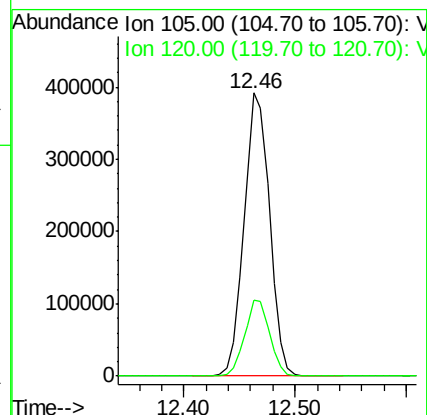
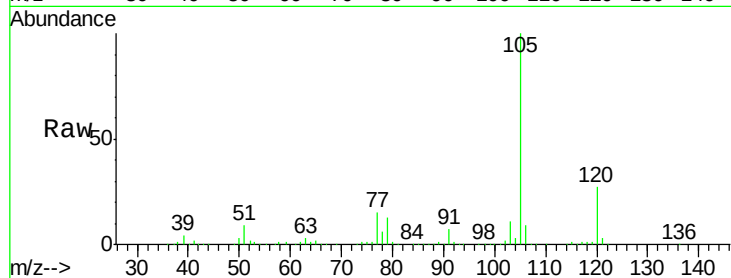
120 26.5 13.2 39.6

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#74

N-ethyl acetate

Concen: 54.334 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Tgt Ion: 43 Resp: 119844

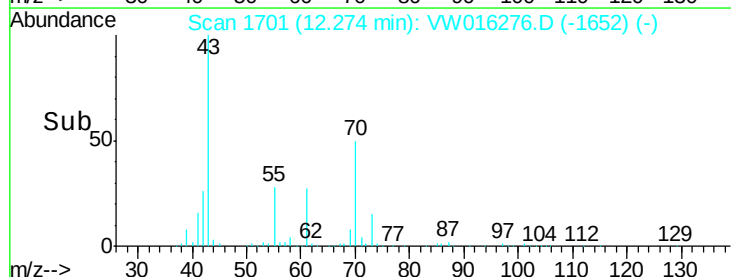
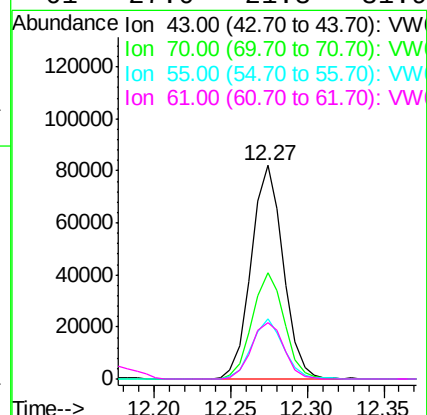
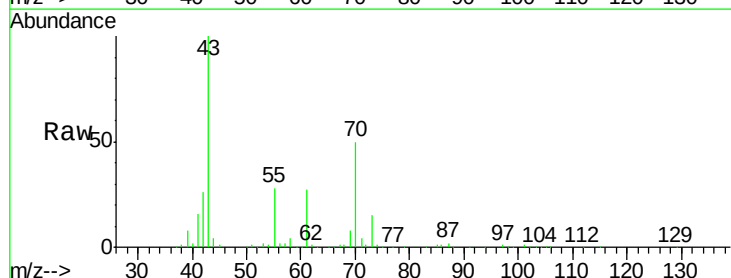
Ion Ratio Lower Upper

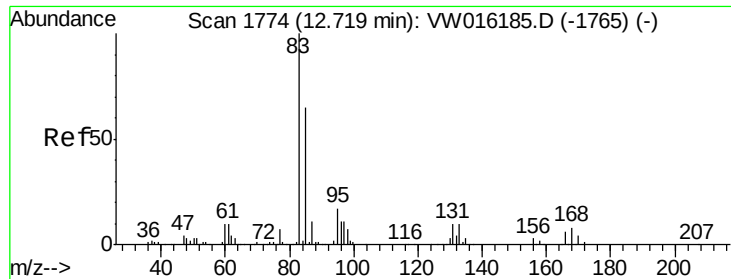
43 100

70 50.3 38.6 58.0

55 27.9 22.2 33.2

61 27.0 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.114 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

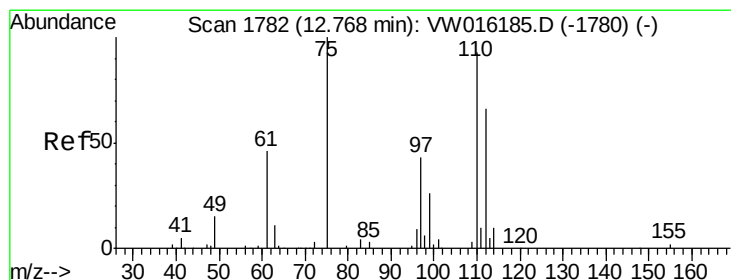
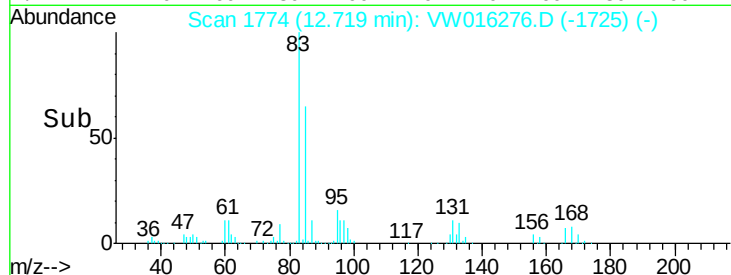
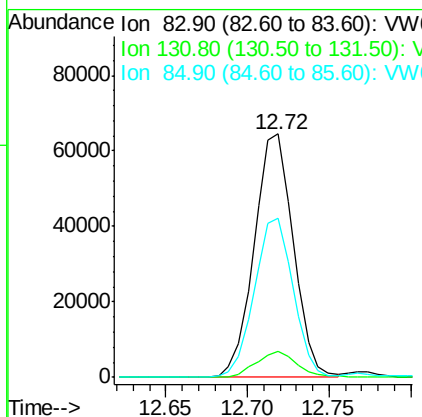
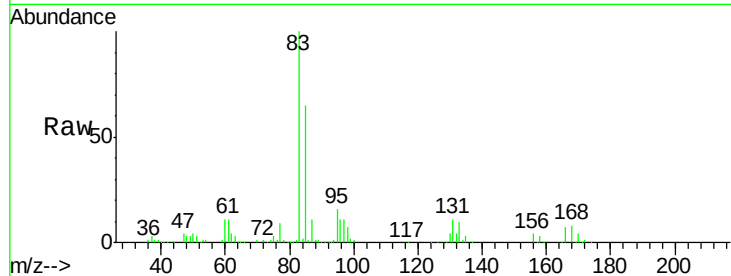
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 107403 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.3  | 5.6   | 16.8   |
| 85        | 65.0  | 31.3  | 93.9   |

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#76

1,2,3-Trichloropropane

Concen: 49.438 ug/l m

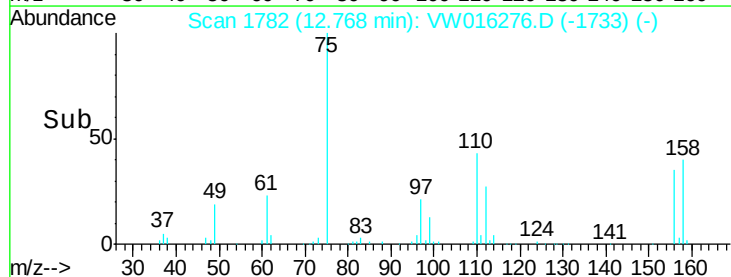
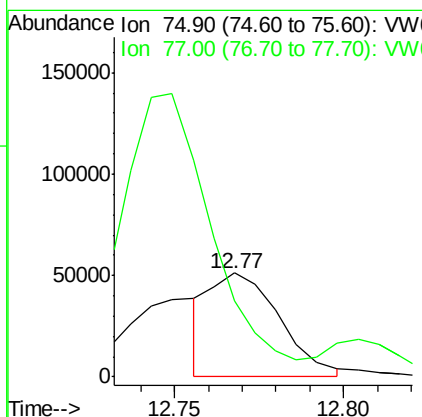
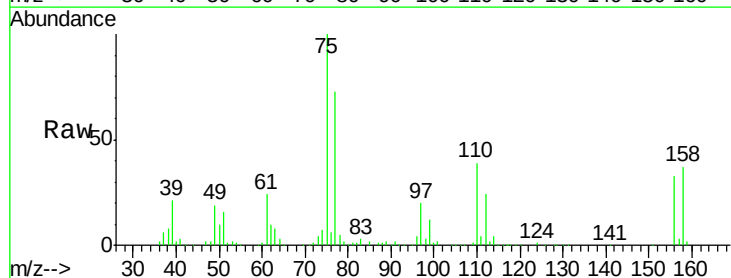
RT: 12.77 min Scan# 1782

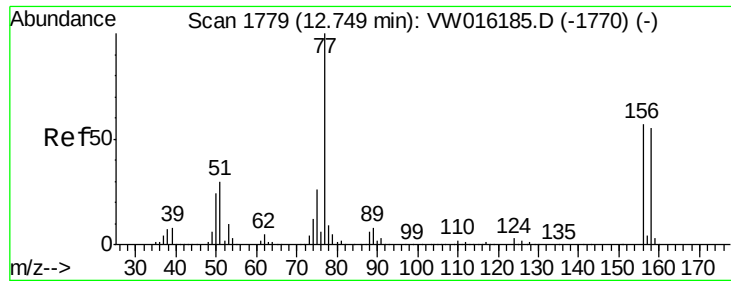
Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 73487 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 356.5 | 173.6 | 520.6 |





#77

Bromobenzene

Concen: 51.794 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

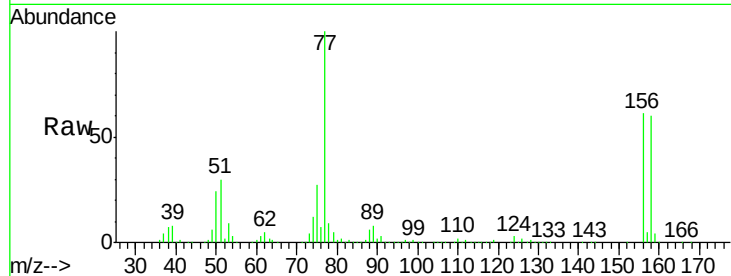
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 141098 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 185.7 | 97.9  | 293.6  |
| 158       | 97.8  | 49.0  | 147.2  |

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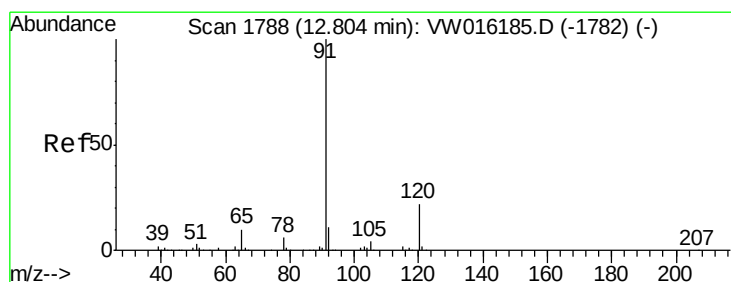
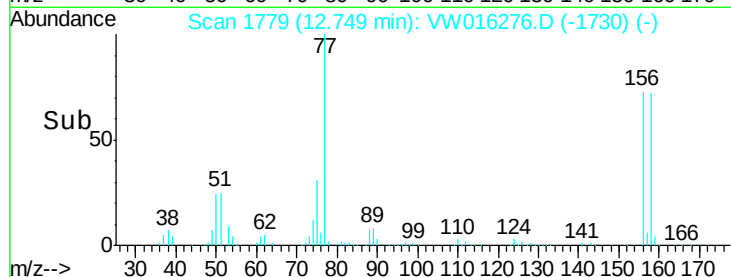
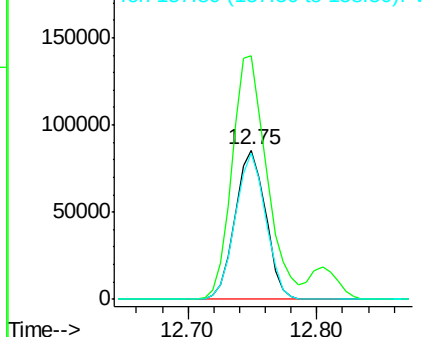
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.086 ug/l

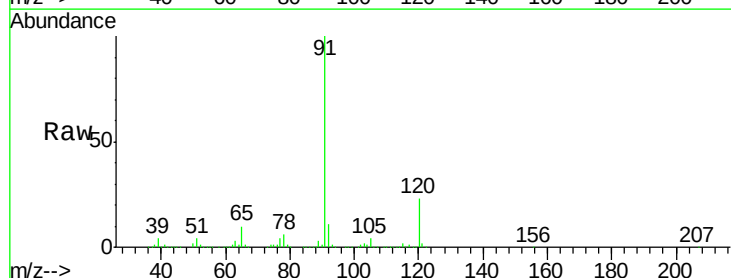
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW016276.D

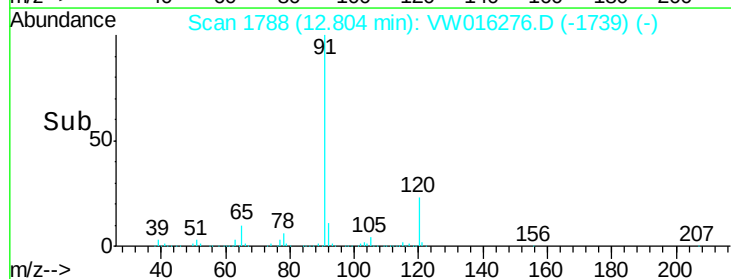
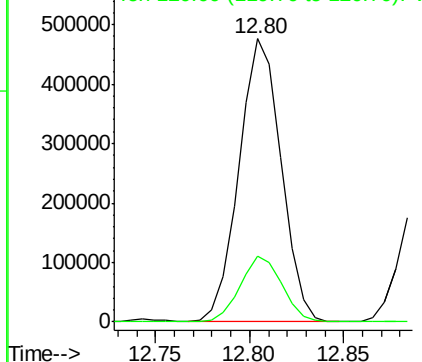
Acq: 20 Aug 2020 21:29

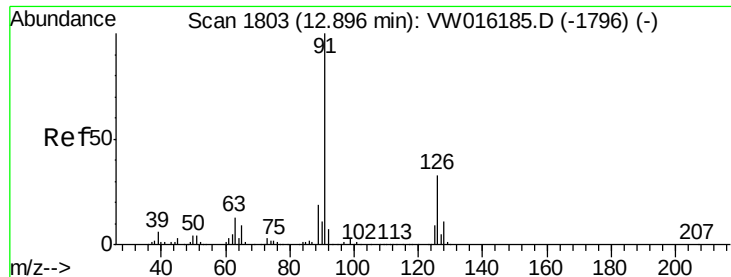
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 736337 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.2  | 11.6  | 34.7   |



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.748 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 422484

Ion Ratio Lower Upper

91 100

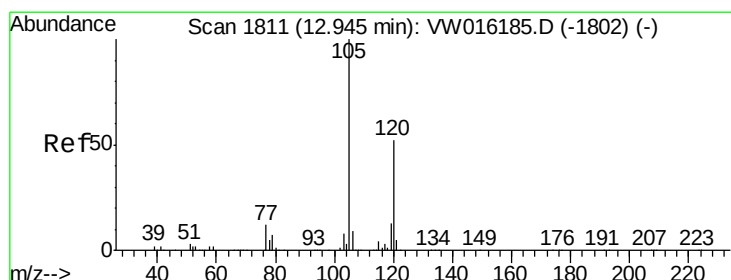
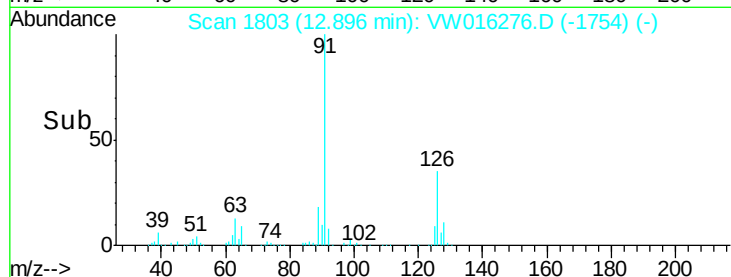
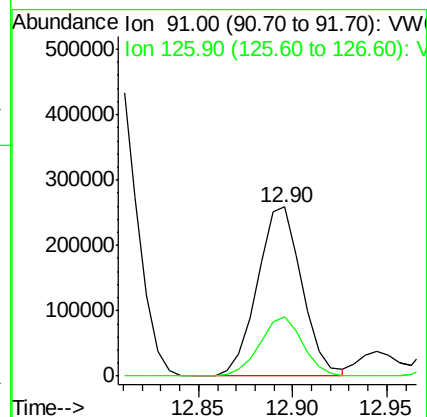
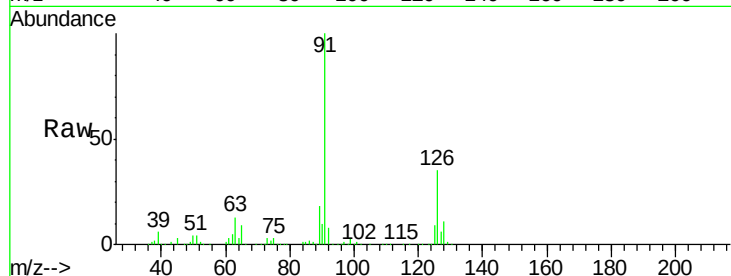
126 33.9 16.4 49.2

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#80

1,3,5-Trimethylbenzene

Concen: 51.195 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW016276.D

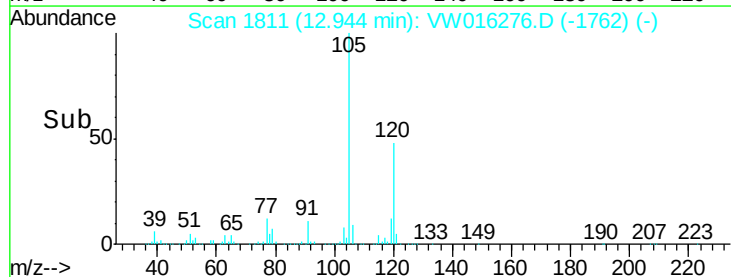
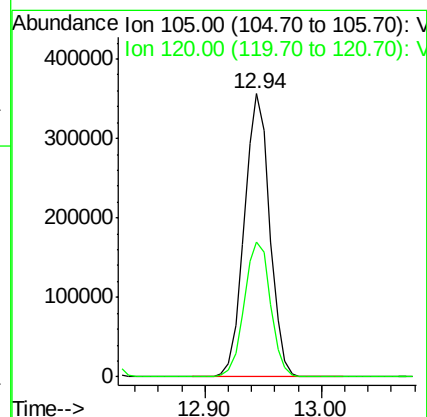
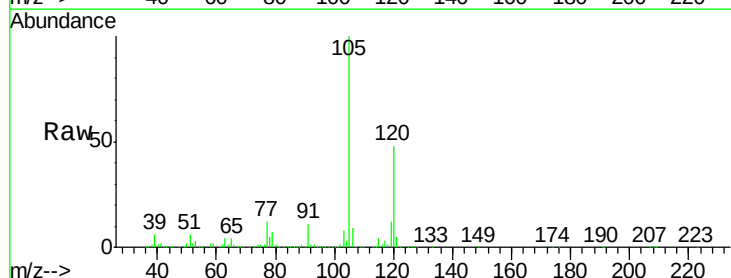
Acq: 20 Aug 2020 21:29

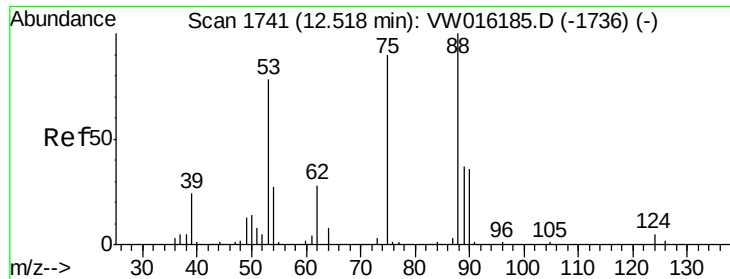
Tgt Ion:105 Resp: 541276

Ion Ratio Lower Upper

105 100

120 49.5 25.1 75.2





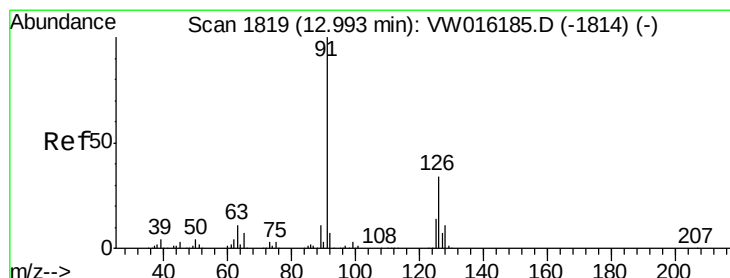
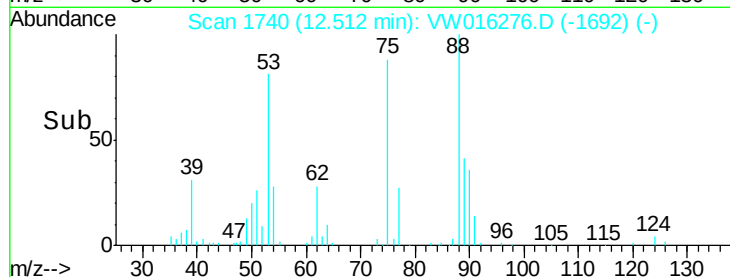
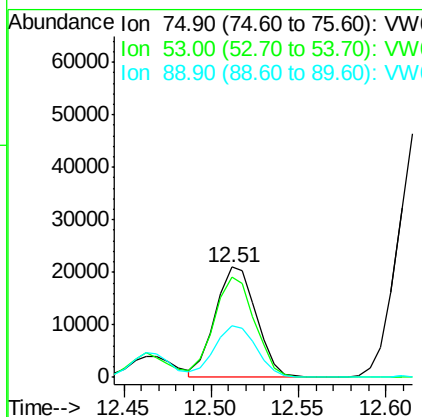
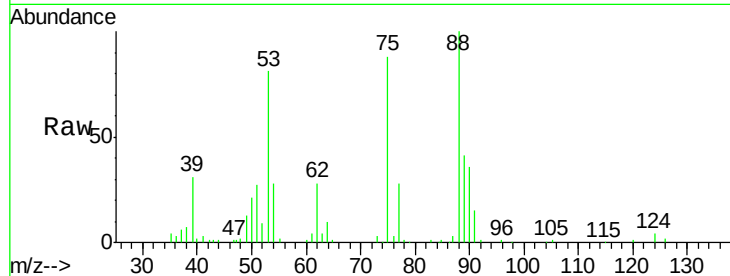
#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.450 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. -0.01 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 89.8  | 74.6  | 111.8 |
| 89      | 48.1  | 37.2  | 55.8  |

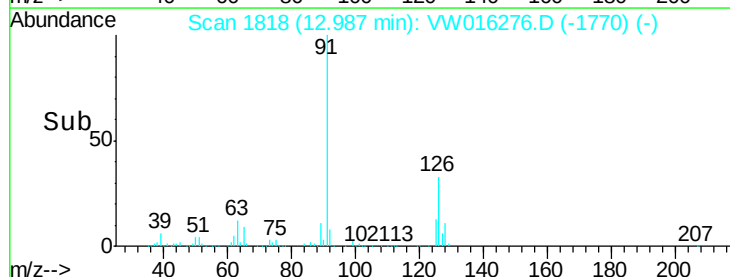
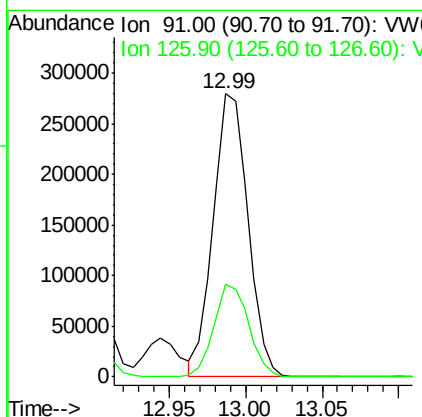
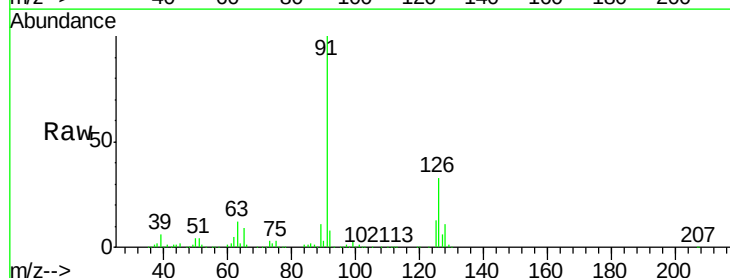
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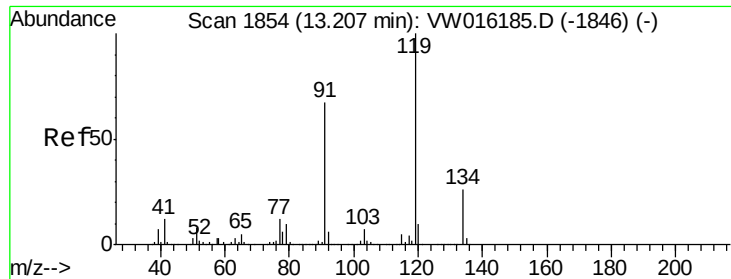
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#82  
4-Chlorotoluene  
Concen: 49.919 ug/l  
RT: 12.99 min Scan# 1818  
Delta R.T. -0.01 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.0  | 16.6  | 49.8  |





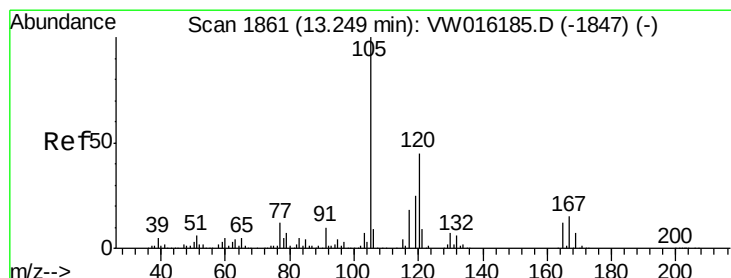
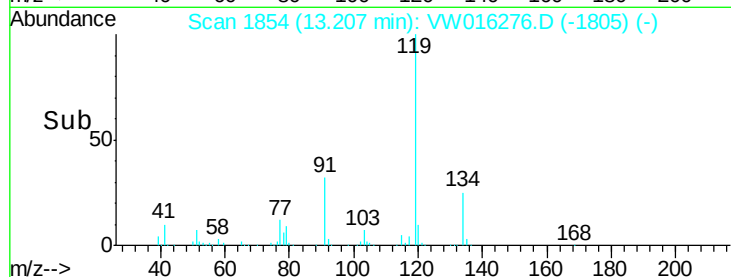
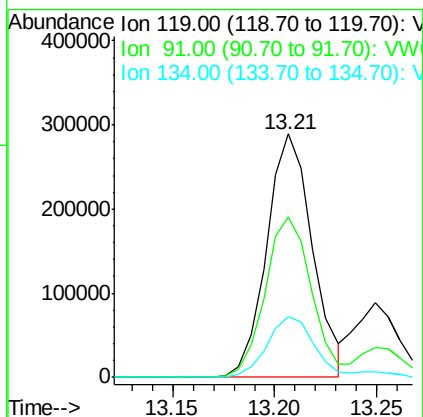
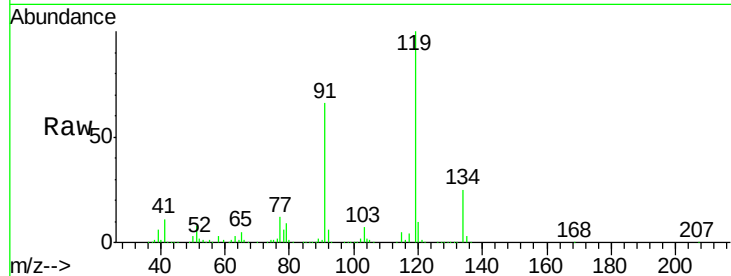
#83  
tert-Butylbenzene  
Concen: 52.210 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 452408 |       |       |
| 91      | 67.4  |        | 33.3  | 99.9  |
| 134     | 25.5  |        | 13.5  | 40.5  |

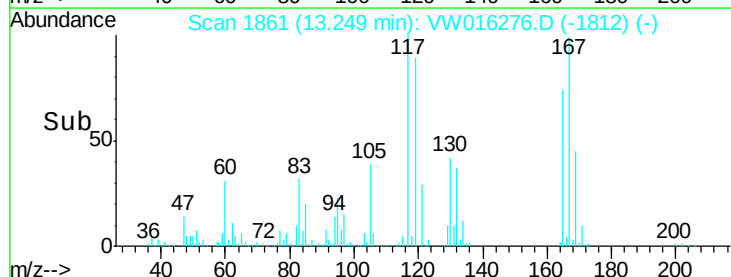
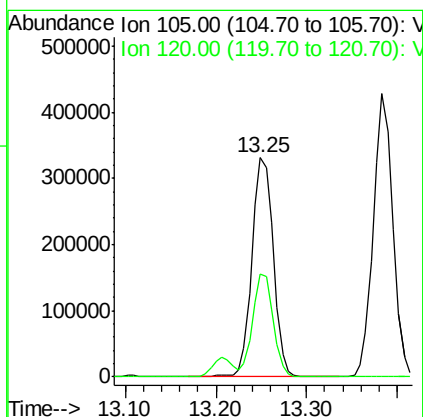
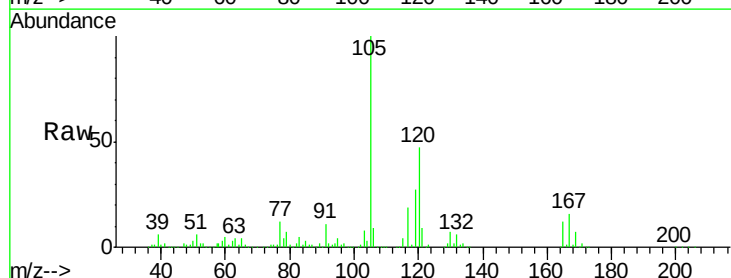
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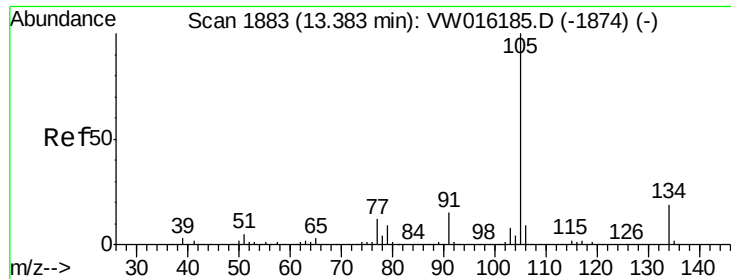
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#84  
1,2,4-Trimethylbenzene  
Concen: 51.843 ug/l  
RT: 13.25 min Scan# 1861  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 542400 |       |       |
| 120     | 44.9  |        | 22.2  | 66.6  |





#85

sec-Butylbenzene

Concen: 50.683 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 638299

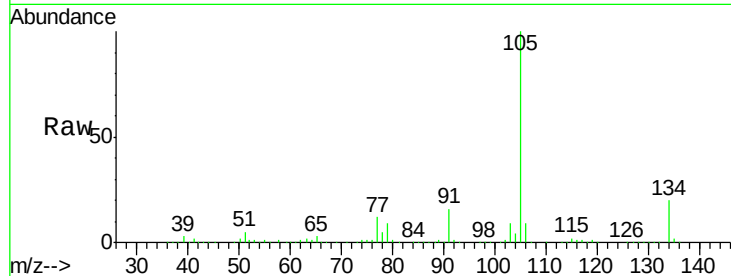
Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.4

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8/21/2020 11:25:51 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

400000

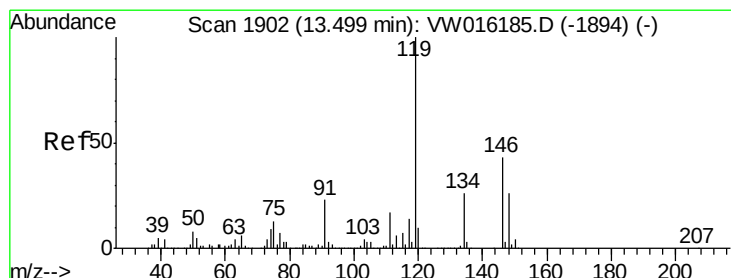
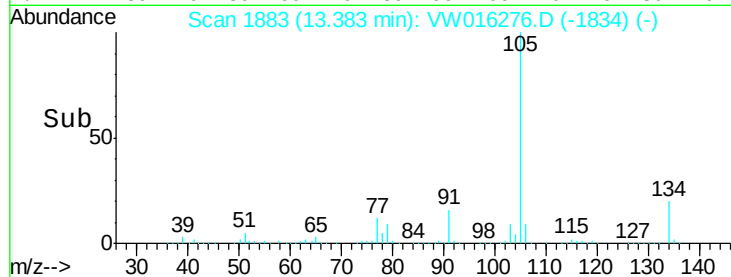
300000

200000

100000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 52.351 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

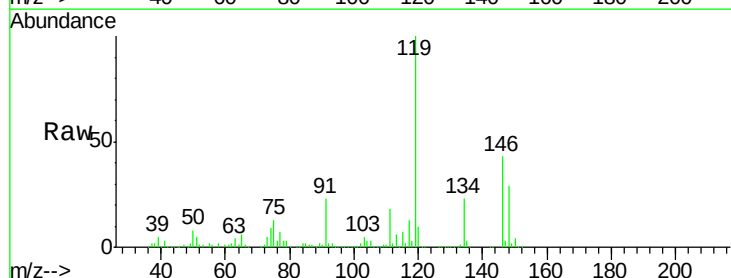
Tgt Ion:119 Resp: 596320

Ion Ratio Lower Upper

119 100

134 24.7 12.8 38.4

91 23.6 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

400000

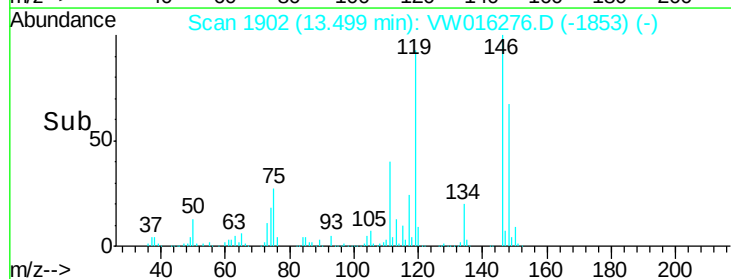
300000

200000

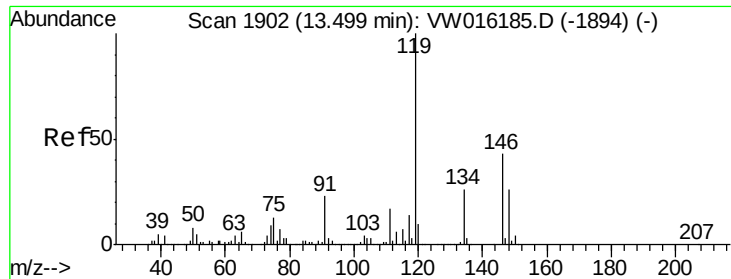
100000

0

Time--> 13.45 13.50 13.55







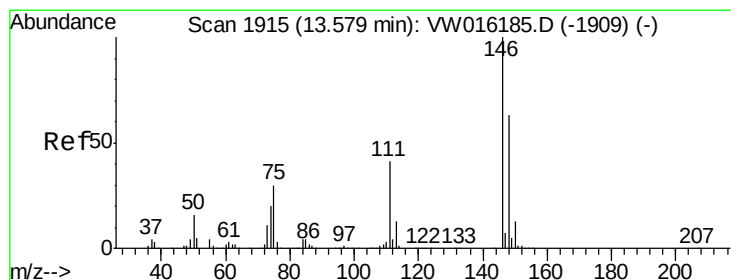
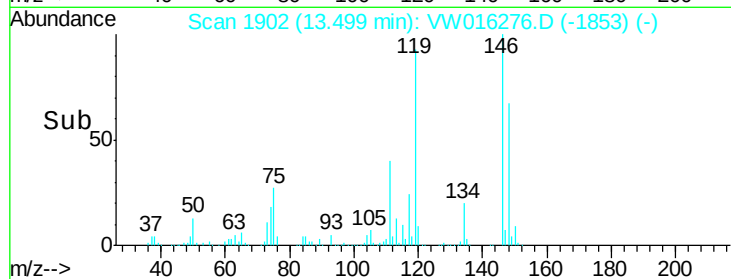
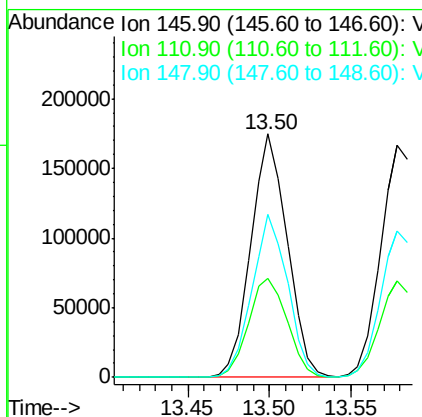
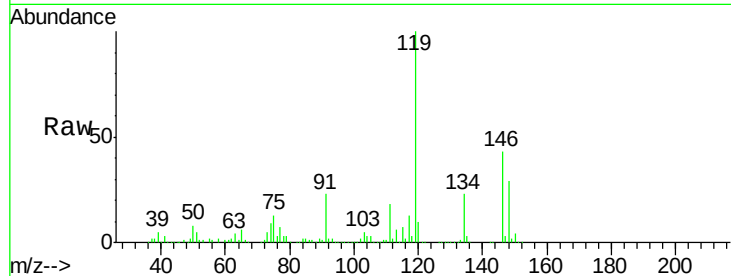
#87  
 1,3-Dichlorobenzene  
 Concen: 49.821 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.2  | 20.8  | 62.5  |
| 148     | 65.3  | 31.1  | 93.5  |

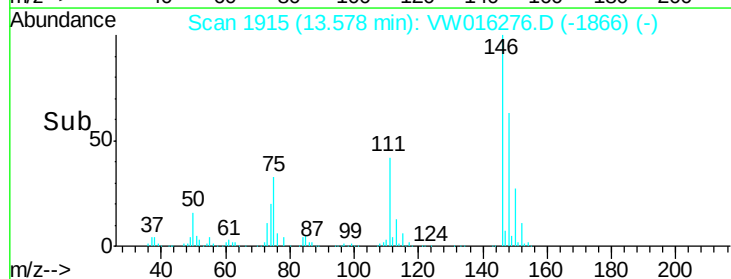
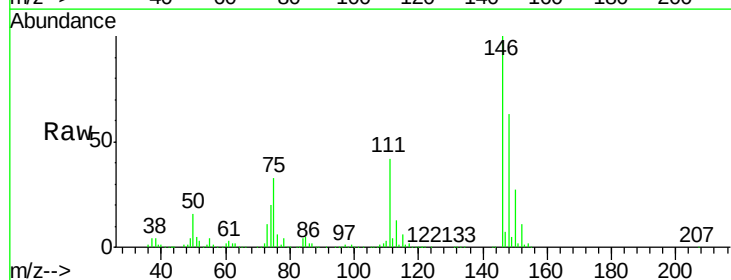
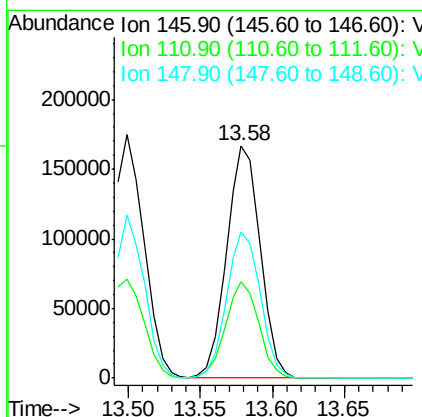
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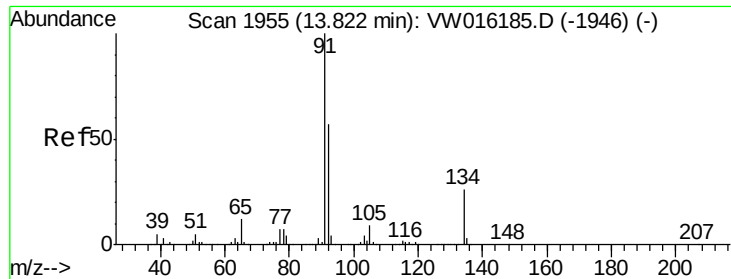
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 8/21/2020 11:25:51 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 50.671 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.2  | 20.8  | 62.2  |
| 148     | 63.2  | 32.1  | 96.3  |





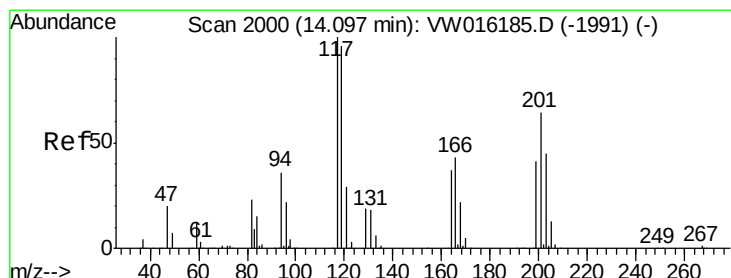
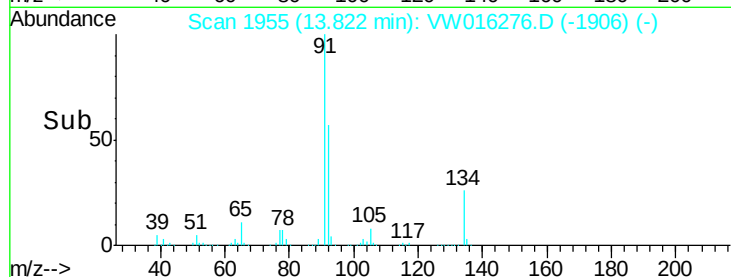
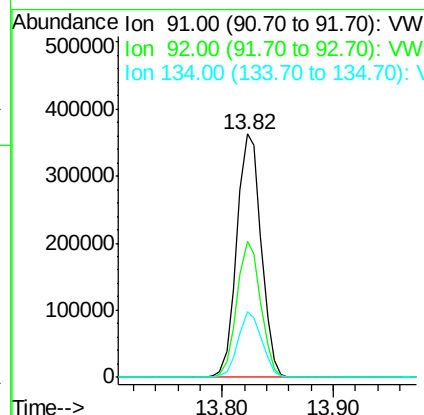
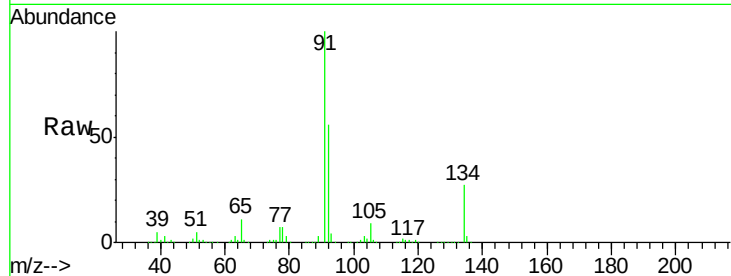
#89  
n-Butylbenzene  
Concen: 52.130 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 549336 |       |       |
| 92      | 54.5  |        | 27.4  | 82.2  |
| 134     | 26.2  |        | 13.0  | 39.0  |

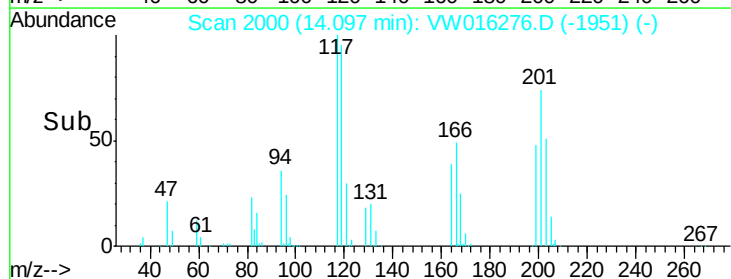
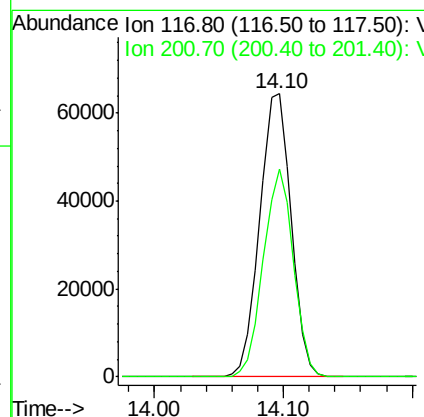
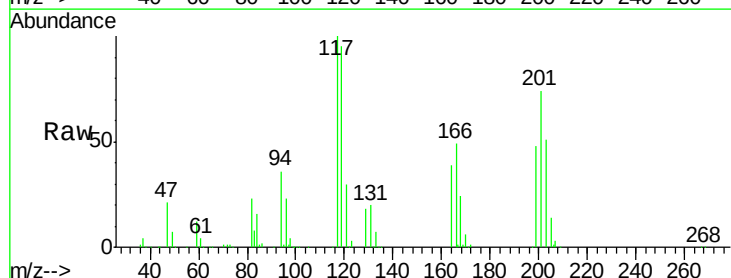
Manual Integrations  
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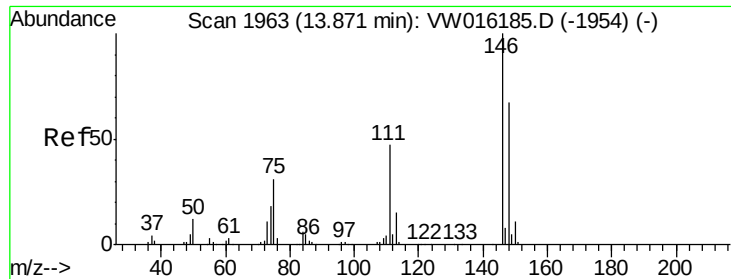
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#90  
Hexachloroethane  
Concen: 51.103 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. -0.00 min  
Lab File: VW016276.D  
Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 108633 |       |       |
| 201     | 70.4  |        | 33.8  | 101.3 |





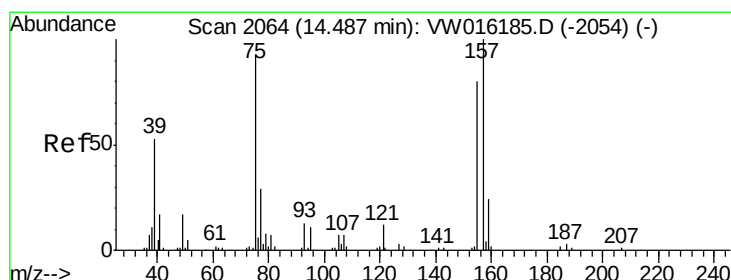
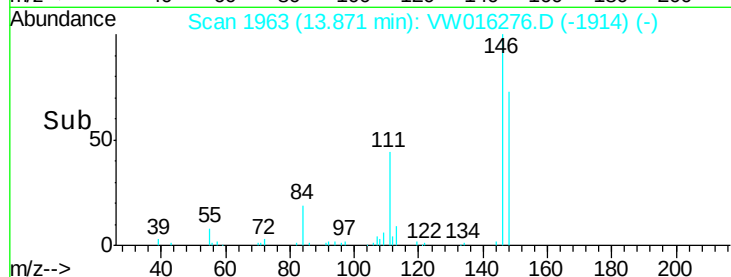
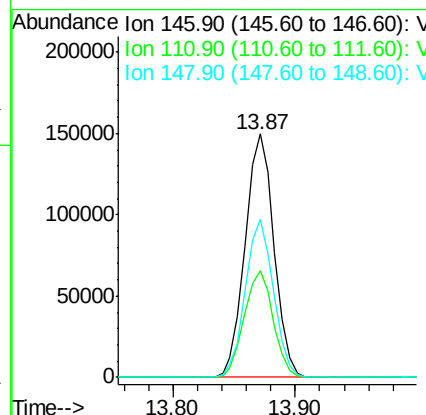
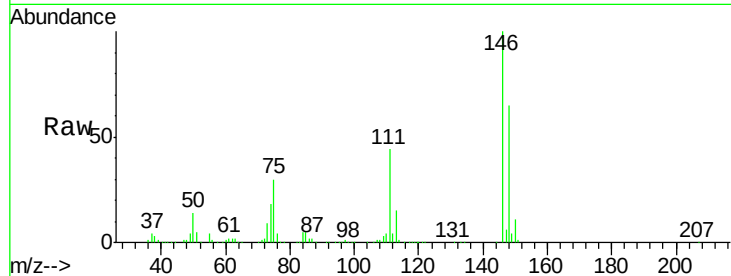
#91  
 1,2-Dichlorobenzene  
 Concen: 51.386 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 244418 |       |       |
| 111     | 44.1  | 21.9   | 65.8  |       |
| 148     | 63.5  | 32.1   | 96.3  |       |

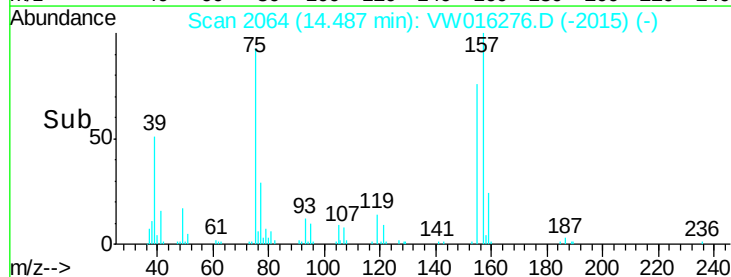
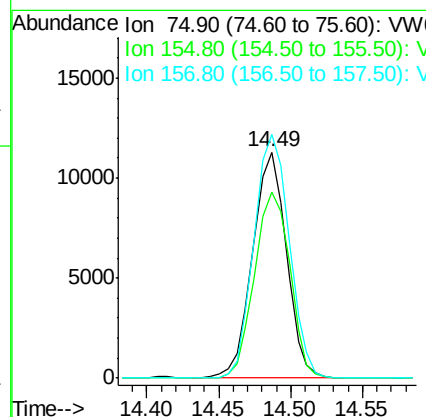
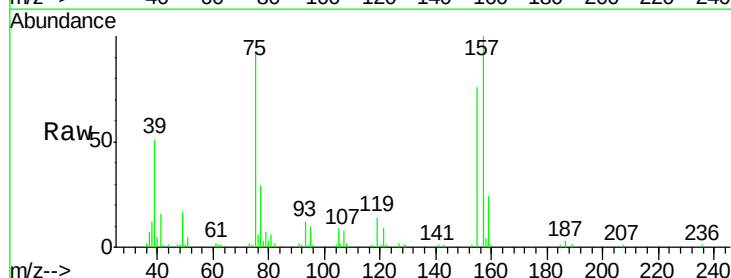
Manual Integrations  
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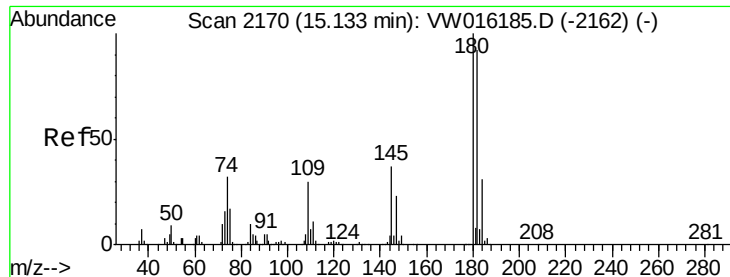
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 57.703 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 18281 |       |       |
| 155     | 86.2  | 41.3  | 124.1 |       |
| 157     | 112.4 | 53.0  | 159.0 |       |





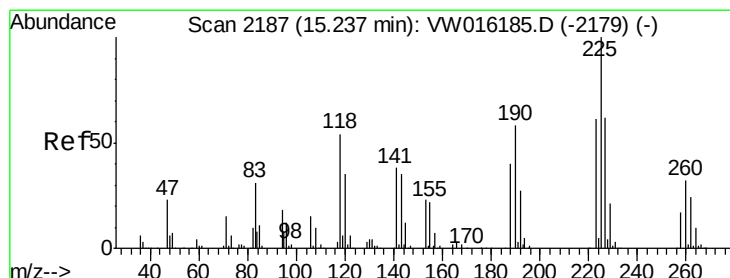
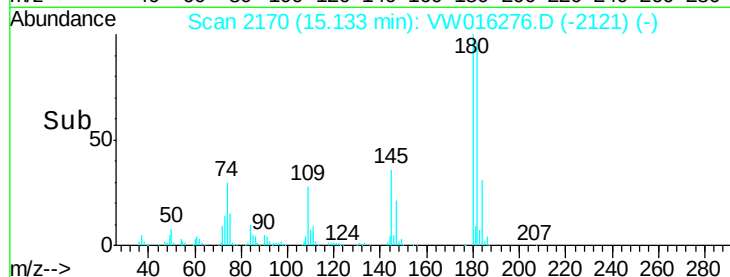
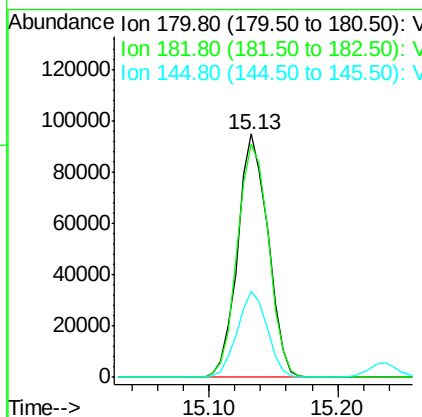
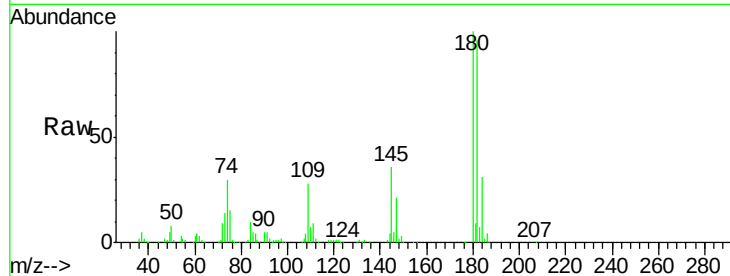
#93  
 1,2,4-Trichlorobenzene  
 Concen: 54.636 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 154973 |       |       |
| 182     | 98.9  | 46.0   | 138.0 |       |
| 145     | 34.9  | 16.9   | 50.7  |       |

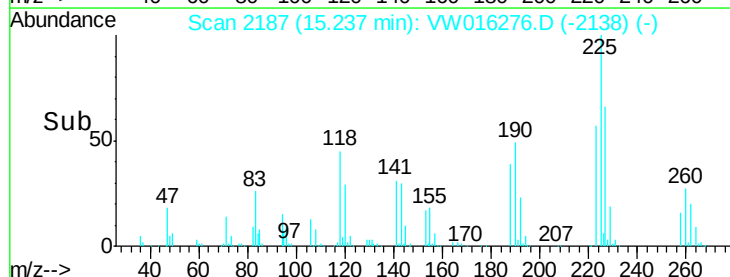
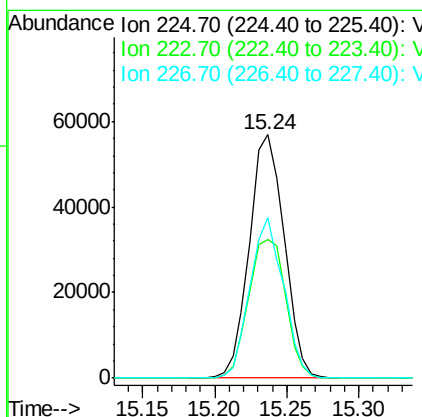
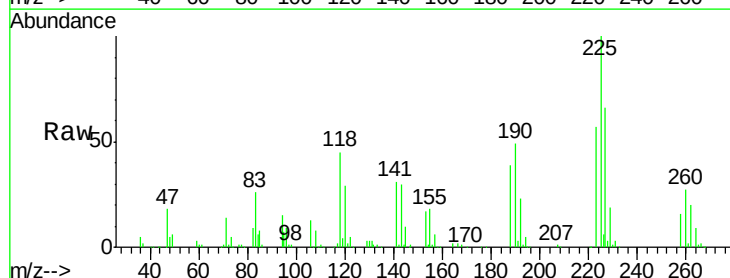
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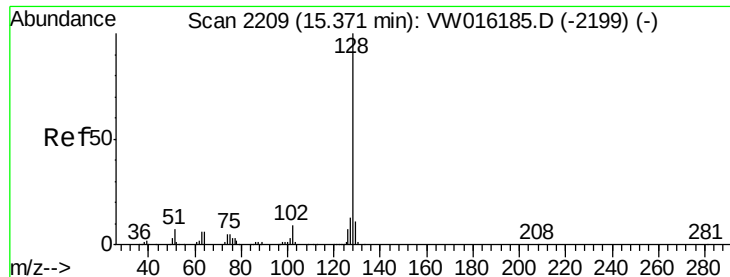
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#94  
 Hexachlorobutadiene  
 Concen: 56.521 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. -0.00 min  
 Lab File: VW016276.D  
 Acq: 20 Aug 2020 21:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 95315 |       |       |
| 223     | 61.1  | 33.0  | 99.0  |       |
| 227     | 63.4  | 32.0  | 96.2  |       |





#95

Naphthalene

Concen: 53.869 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

Instrument :

MSVOA\_W

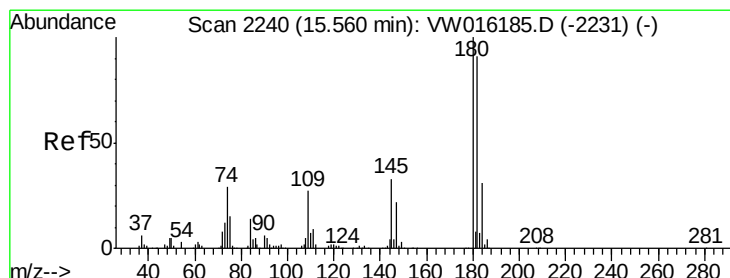
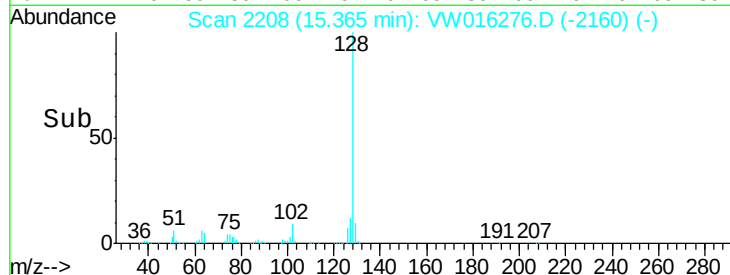
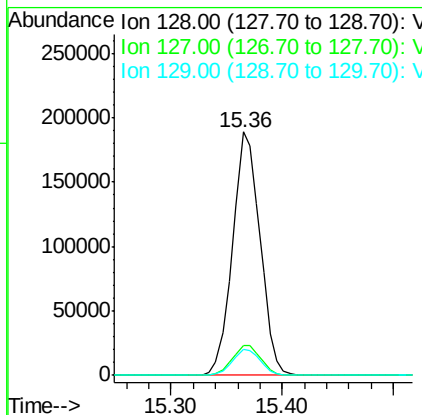
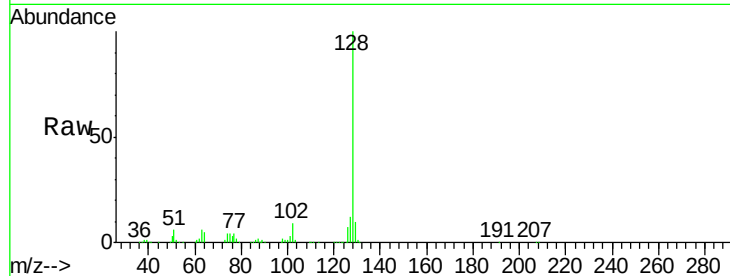
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 322145 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.8  | 10.2  | 15.4   |
| 129       | 10.7  | 8.7   | 13.1   |

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#96

1,2,3-Trichlorobenzene

Concen: 56.016 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW016276.D

Acq: 20 Aug 2020 21:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 136449 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.3  | 47.7  | 143.1  |
| 145       | 36.3  | 17.4  | 52.3   |

