

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\  
 Data File : VW012883.D  
 Acq On : 10 Sep 2019 22:00  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 9/11/2019 9:26:36 AM

Quant Time: Sep 11 08:46:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W090719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sun Sep 08 05:04:40 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 192876   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 292817   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 258309   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 135260   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 110058   | 51.07 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.14% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 91893    | 52.79 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.58% |      |
| 50) Toluene-d8            | 10.32  | 98  | 368341   | 54.01 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.02% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 132607   | 53.56 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.12% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 49202   | 47.055  | ug/l | 94     |
| 3) Chloromethane              | 2.21 | 50  | 64497   | 50.755  | ug/l | 96     |
| 4) Vinyl Chloride             | 2.36 | 62  | 79133   | 50.788  | ug/l | 98     |
| 5) Bromomethane               | 2.77 | 94  | 52863   | 62.480  | ug/l | 91     |
| 6) Chloroethane               | 2.92 | 64  | 52713   | 56.694  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 54156   | 50.368  | ug/l | 100    |
| 8) Diethyl Ether              | 3.68 | 74  | 49358   | 54.619  | ug/l | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.07 | 101 | 88879   | 52.675  | ug/l | 97     |
| 10) Methyl Iodide             | 4.26 | 142 | 119688  | 56.347  | ug/l | 98     |
| 11) Tert butyl alcohol        | 5.15 | 59  | 45410   | 275.404 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 81202   | 50.980  | ug/l | 93     |
| 13) Acrolein                  | 3.89 | 56  | 37711   | 215.524 | ug/l | 97     |
| 14) Allyl chloride            | 4.66 | 41  | 161365  | 48.973  | ug/l | 98     |
| 15) Acrylonitrile             | 5.36 | 53  | 136417  | 258.454 | ug/l | 99     |
| 16) Acetone                   | 4.11 | 43  | 128820  | 219.263 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.38 | 76  | 160984  | 47.615  | ug/l | 99     |
| 18) Methyl Acetate            | 4.67 | 43  | 74359   | 53.946  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 181157  | 57.348  | ug/l | 98     |
| 20) Methylene Chloride        | 4.92 | 84  | 99422   | 54.091  | ug/l | 92     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 89501   | 55.070  | ug/l | 89     |
| 22) Diisopropyl ether         | 6.31 | 45  | 360782  | 55.207  | ug/l | 97     |
| 23) Vinyl Acetate             | 6.25 | 43  | 1086163 | 262.257 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 191645  | 54.464  | ug/l | 99     |
| 25) 2-Butanone                | 7.17 | 43  | 193925  | 226.208 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 116800  | 52.555  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 109986  | 58.365  | ug/l | 95     |
| 28) Bromochloromethane        | 7.51 | 49  | 78059   | 48.312  | ug/l | 91     |
| 29) Tetrahydrofuran           | 7.52 | 42  | 119942  | 252.807 | ug/l | 95     |
| 30) Chloroform                | 7.67 | 83  | 194331  | 55.725  | ug/l | 96     |
| 31) Cyclohexane               | 7.95 | 56  | 142166  | 44.878  | ug/l | 94     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 155548  | 55.026  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 133912  | 51.470  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.25 | 43  | 80625   | 48.612  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 138900  | 54.159  | ug/l | 100    |

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 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 9/11/2019 9:26:36 AM

Quant Time: Sep 11 08:46:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W090719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sun Sep 08 05:04:40 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 146818   | 50.244   | ug/l   | 97       |
| 40) Benzene                    | 8.32  | 78   | 395873   | 54.841   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.48  | 41   | 56171    | 49.836   | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 137516   | 54.130   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.42  | 43   | 161792   | 51.490   | ug/l   | 97       |
| 44) Trichloroethene            | 9.09  | 130  | 104806   | 56.325   | ug/l   | 88       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 109426   | 54.656   | ug/l   | 95       |
| 46) Dibromomethane             | 9.46  | 93   | 52114    | 54.969   | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.64  | 83   | 146245   | 56.068   | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.43  | 41   | 77451    | 51.578   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.44  | 88   | 20499    | 1094.613 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 425533   | 258.084  | ug/l   | 97       |
| 52) Toluene                    | 10.38 | 92   | 255097   | 56.620   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 151371   | 56.437   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 174307   | 57.288   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 81385    | 57.339   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 119824   | 57.672   | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 144848   | 55.163   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 280029   | 253.878  | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.96 | 43   | 294818   | 244.744  | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.13 | 129  | 98099    | 58.767   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 75387    | 57.933   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.86 | 164  | 92965    | 59.313   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.66 | 112  | 280517   | 57.458   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 107270   | 59.001   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.73 | 91   | 515484   | 56.275   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.84 | 106  | 380910   | 115.205  | ug/l   | 98       |
| 69) o-Xylene                   | 12.16 | 106  | 181959   | 58.333   | ug/l   | 97       |
| 70) Styrene                    | 12.18 | 104  | 328904   | 59.670   | ug/l   | 98       |
| 71) Bromoform                  | 12.35 | 173  | 59517    | 58.921   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.46 | 105  | 519653   | 53.566   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 150177   | 48.770   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 98261    | 50.435   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 79032m   | 57.141   | ug/l   |          |
| 77) Bromobenzene               | 12.74 | 156  | 123119   | 56.017   | ug/l   | 94       |
| 78) n-propylbenzene            | 12.80 | 91   | 610098   | 52.583   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 355876   | 53.429   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 447964   | 54.799   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 32010    | 48.951   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 374300   | 53.126   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 398690   | 55.159   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 446942   | 54.260   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 541005   | 53.939   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.49 | 119  | 503582   | 54.967   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 240625   | 55.699   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 237382   | 55.221   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.82 | 91   | 472315   | 53.103   | ug/l   | 100      |
| 90) Hexachloroethane           | 14.09 | 117  | 89036    | 55.670   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 216535   | 55.688   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.48 | 75   | 18354    | 51.477   | ug/l   | 97       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091019\  
Data File : VW012883.D  
Acq On : 10 Sep 2019 22:00  
Operator : SY/VA  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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9/11/2019 9:26:36 AM

Quant Time: Sep 11 08:46:00 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W090719S.M  
Quant Title : SW846 8260  
QLast Update : Sun Sep 08 05:04:40 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 161351   | 59.601 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.23 | 225  | 105730   | 56.425 | ug/l  | 98       |
| 95) Naphthalene            | 15.36 | 128  | 295657   | 51.914 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.55 | 180  | 143023   | 59.852 | ug/l  | 100      |

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

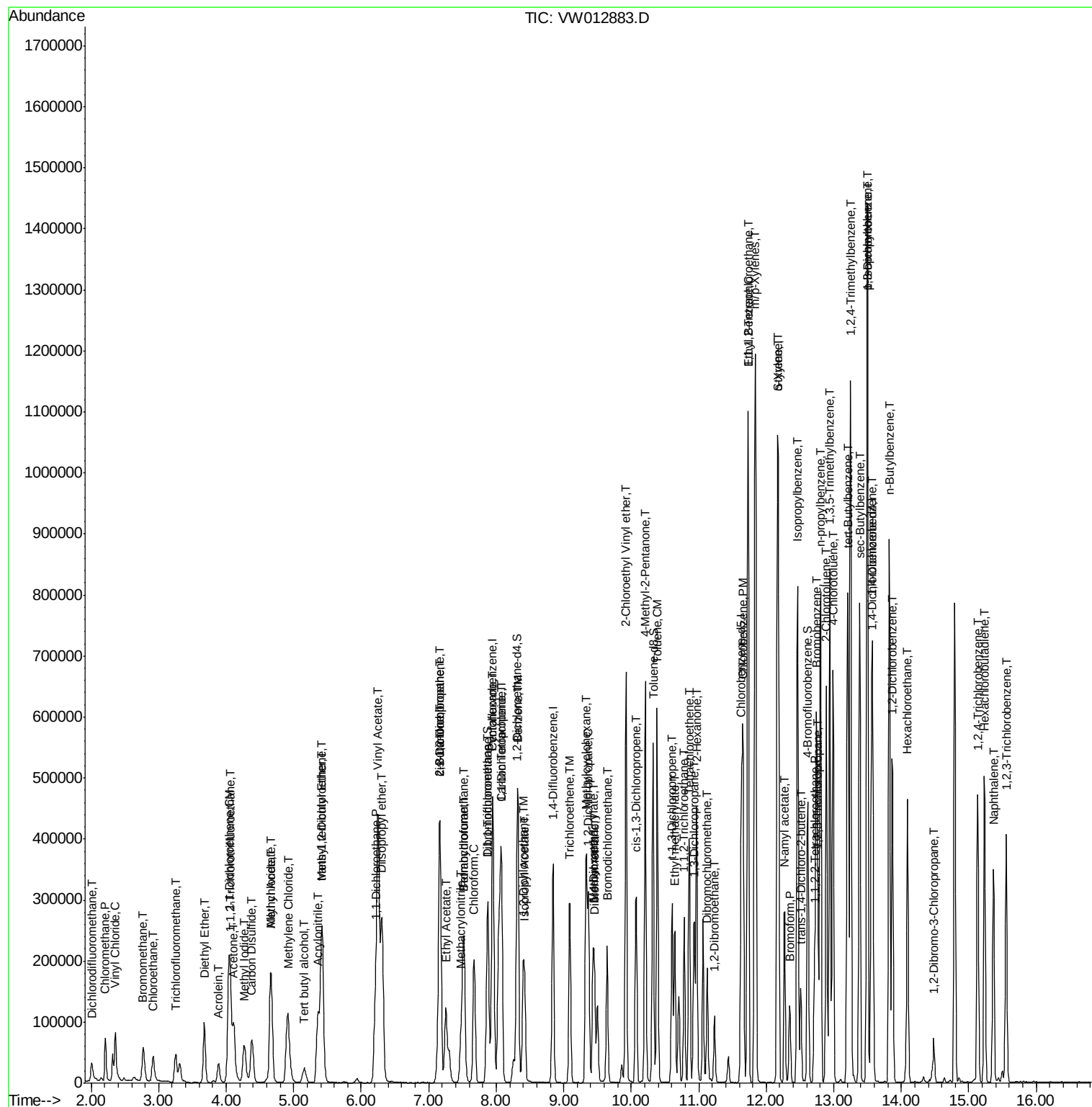
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091019\  
Data File : VW012883.D  
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ALS Vial : 27 Sample Multiplier: 1

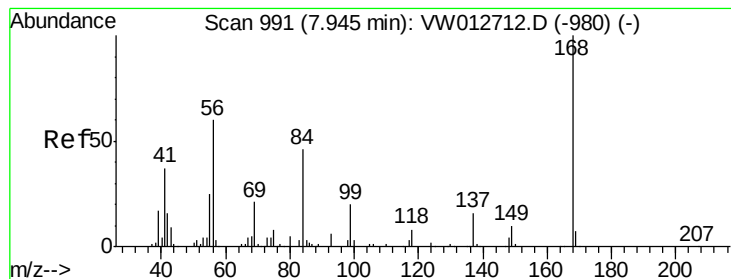
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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Quant Title : SW846 8260  
QLast Update : Sun Sep 08 05:04:40 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 192876

Ion Ratio Lower Upper

168 100

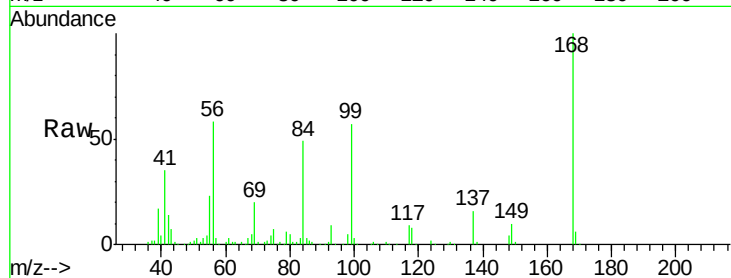
99 57.4 47.8 71.6

Manual Integrations

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9/11/2019 9:26:36 AM



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

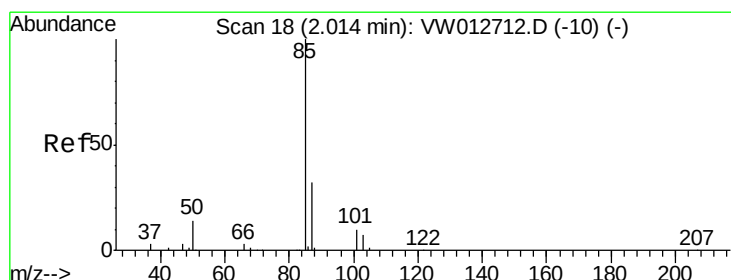
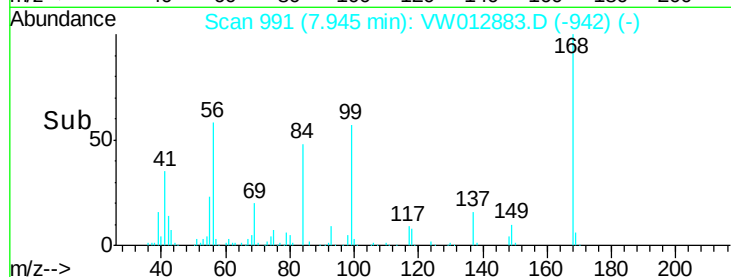
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 47.055 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012883.D

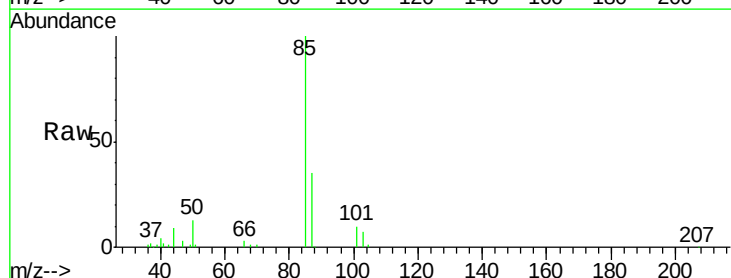
Acq: 10 Sep 2019 22:00

Tgt Ion: 85 Resp: 49202

Ion Ratio Lower Upper

85 100

87 35.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

15000

10000

5000

0

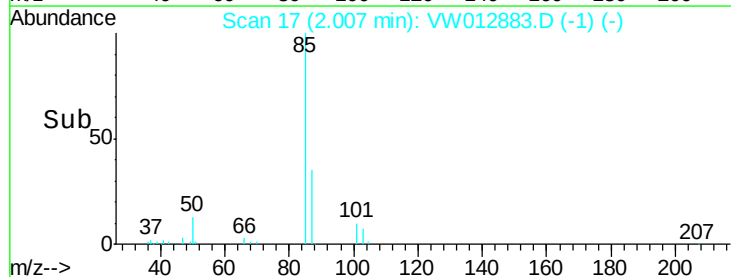
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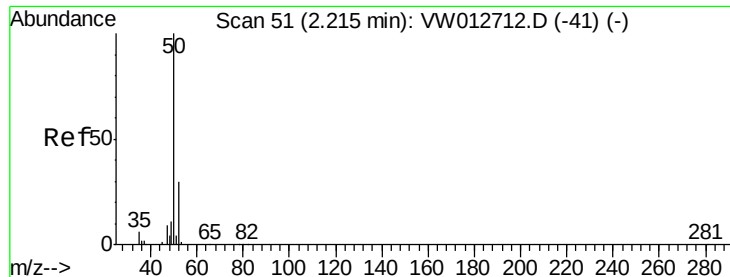
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 50.755 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 64497

Ion Ratio Lower Upper

50 100

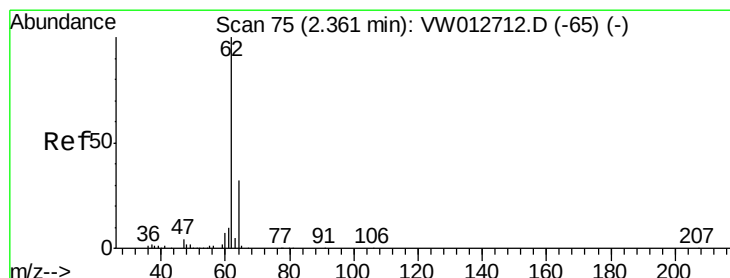
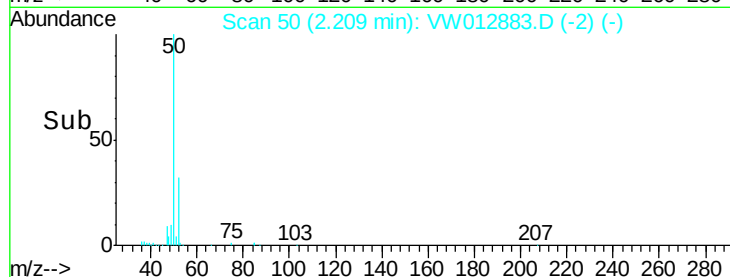
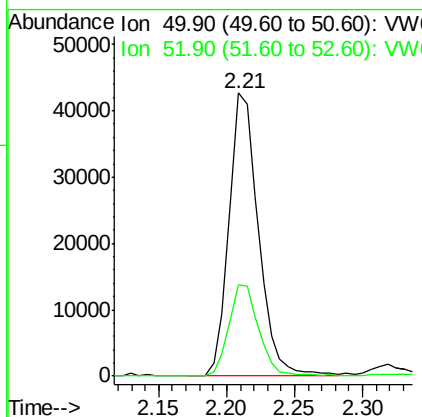
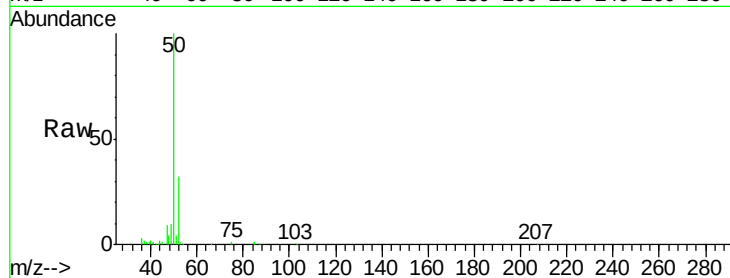
52 32.2 24.2 36.2

Manual Integrations

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9/11/2019 9:26:36 AM



#4

Vinyl Chloride

Concen: 50.788 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW012883.D

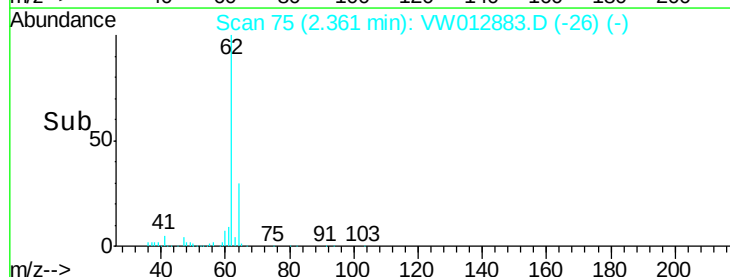
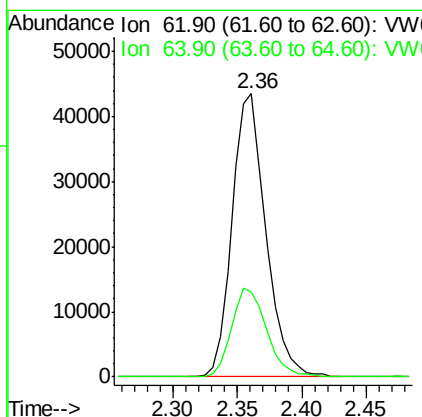
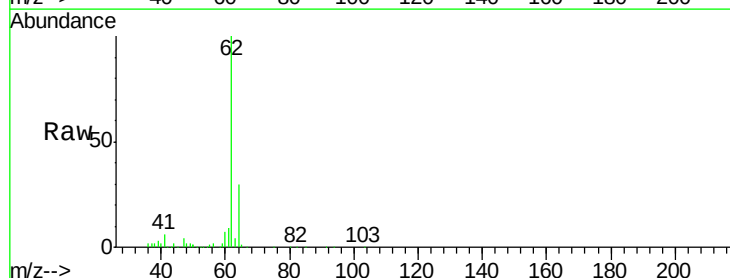
Acq: 10 Sep 2019 22:00

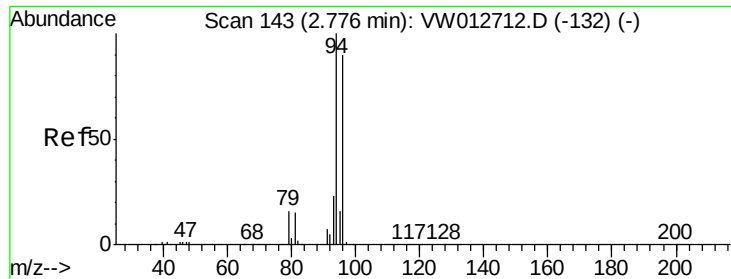
Tgt Ion: 62 Resp: 79133

Ion Ratio Lower Upper

62 100

64 30.2 25.3 37.9





#5

Bromomethane

Concen: 62.480 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 52863

Ion Ratio Lower Upper

94 100

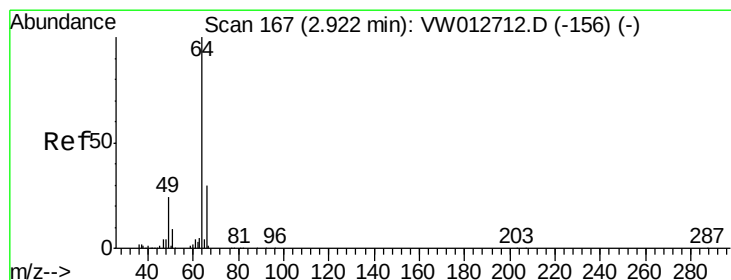
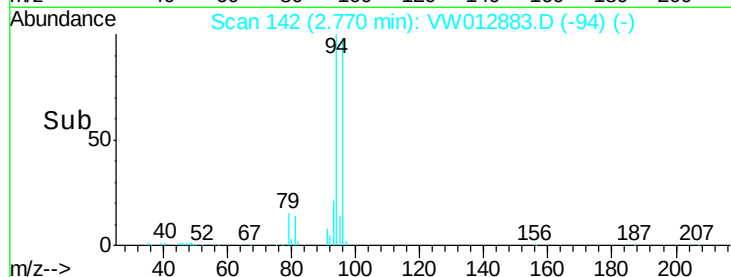
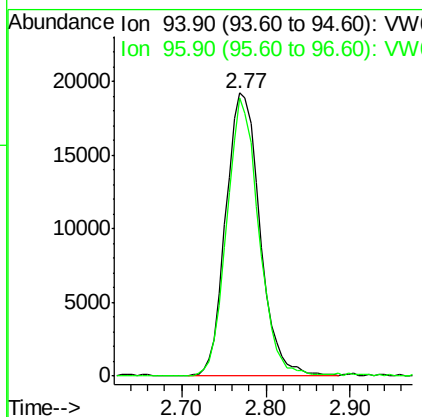
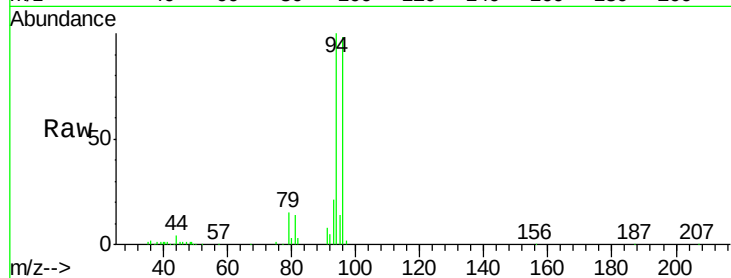
96 98.3 72.1 108.1

Manual Integrations

APPROVED

MMDadoda

9/11/2019 9:26:36 AM



#6

Chloroethane

Concen: 56.694 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012883.D

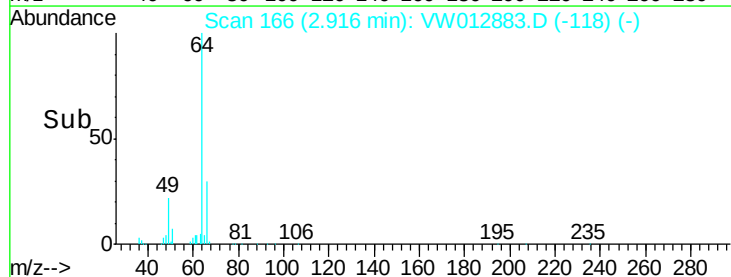
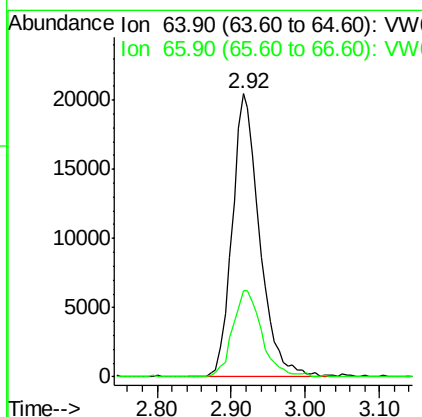
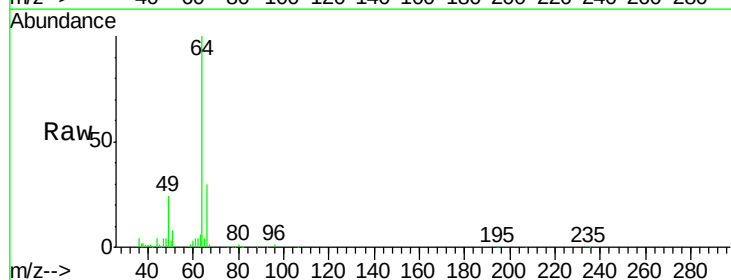
Acq: 10 Sep 2019 22:00

Tgt Ion: 64 Resp: 52713

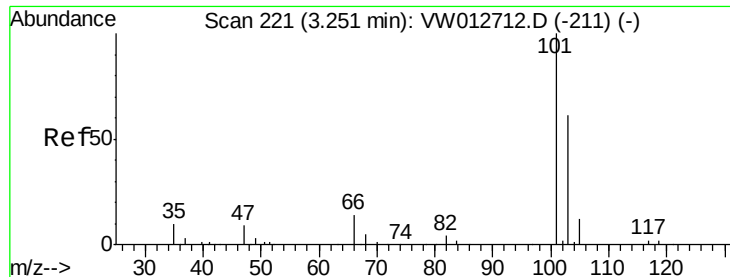
Ion Ratio Lower Upper

64 100

66 30.3 23.8 35.6







#7

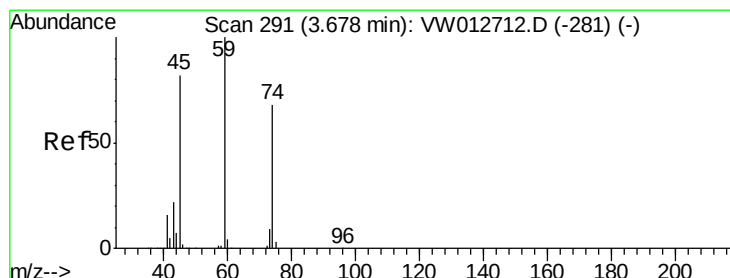
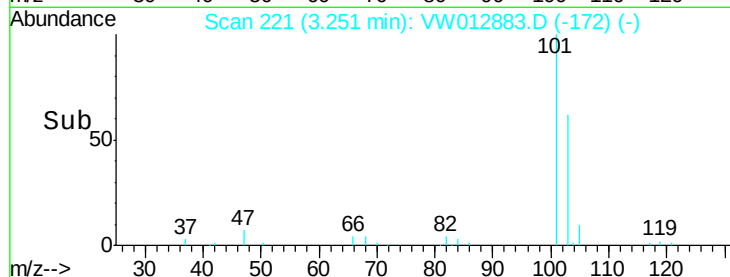
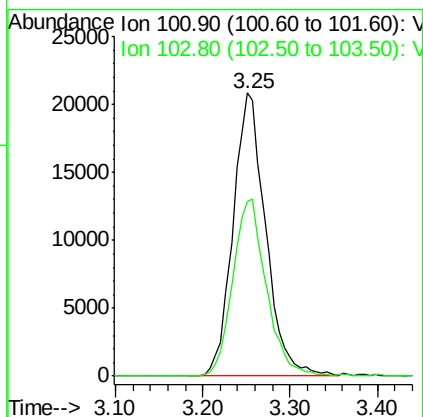
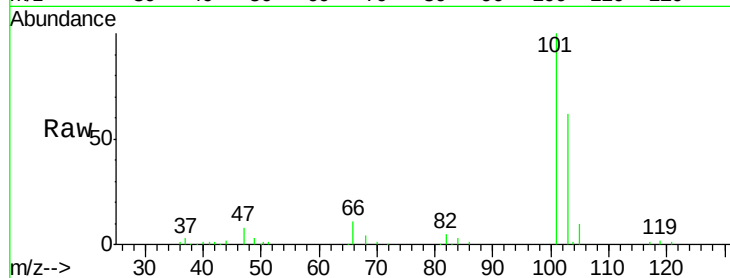
Trichlorofluoromethane  
Concen: 50.368 ug/l  
RT: 3.25 min Scan# 221  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 61.6  | 49.0  | 73.4  |

Manual Integrations  
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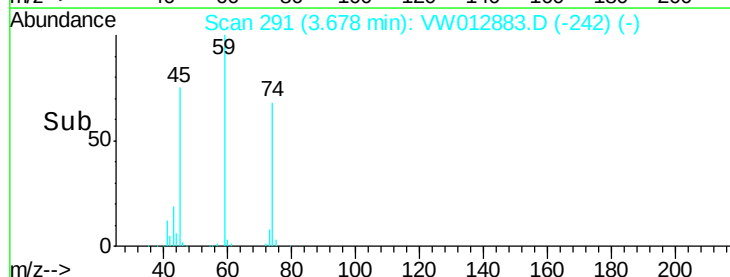
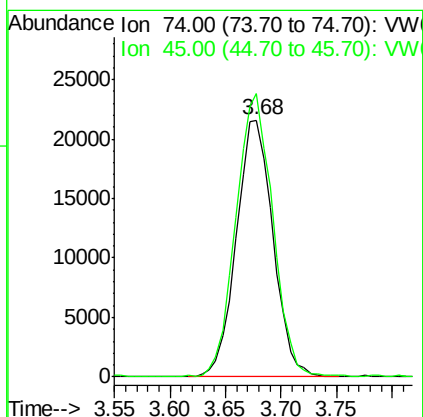
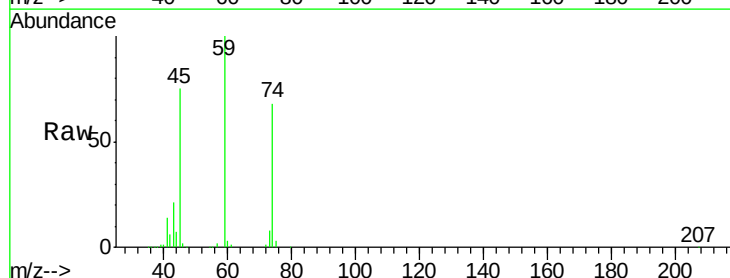
MMDadoda  
9/11/2019 9:26:36 AM



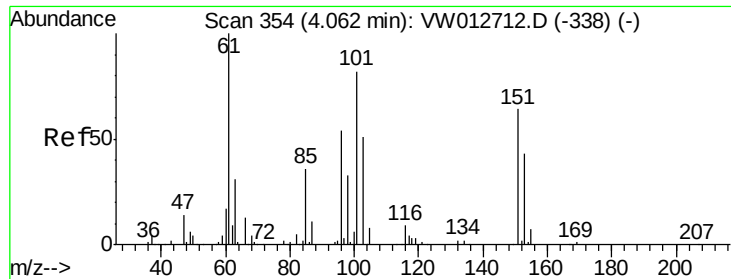
#8

Diethyl Ether  
Concen: 54.619 ug/l  
RT: 3.68 min Scan# 291  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 111.5 | 58.8  | 176.4 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.675 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

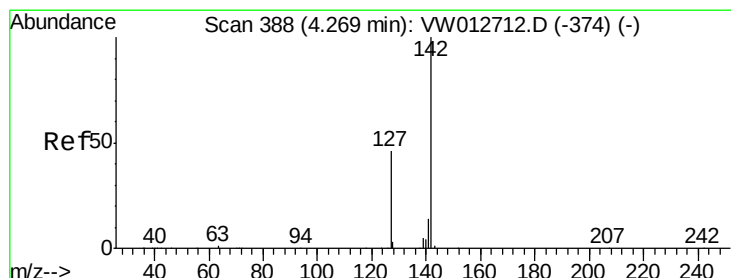
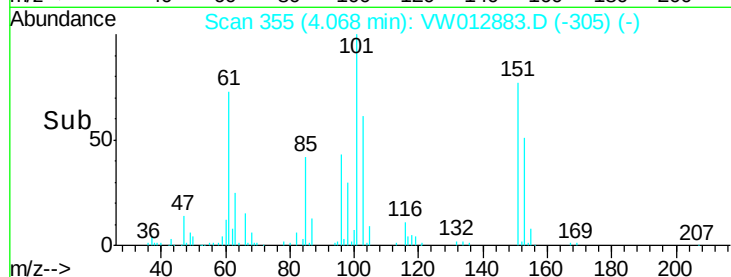
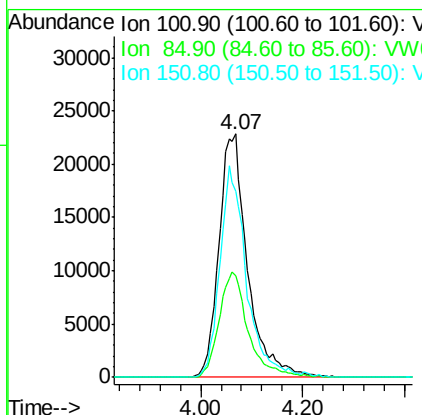
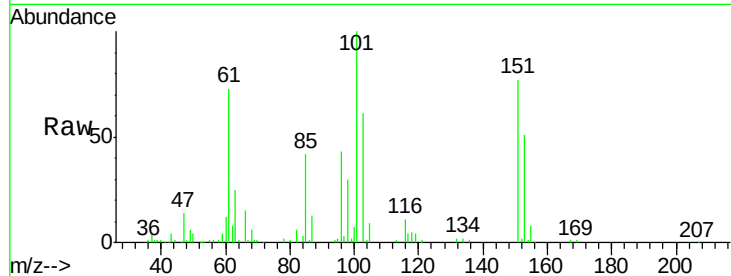
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 88879 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.0  | 36.2  | 54.2  |
| 151       | 80.3  | 61.9  | 92.9  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 56.347 ug/l

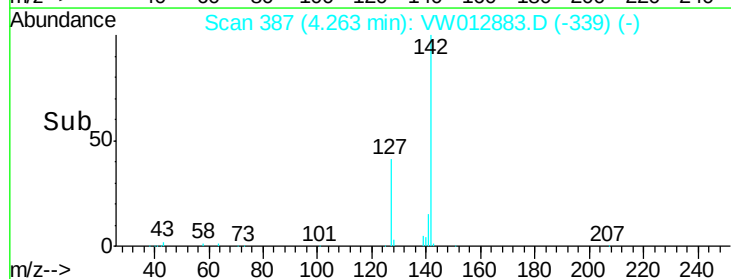
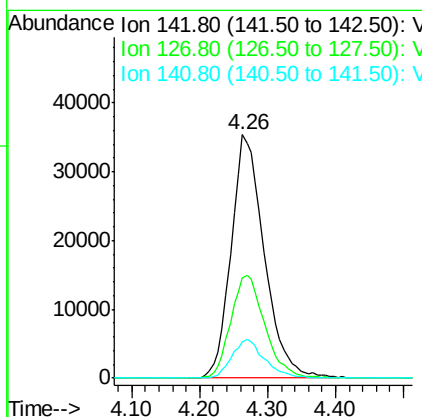
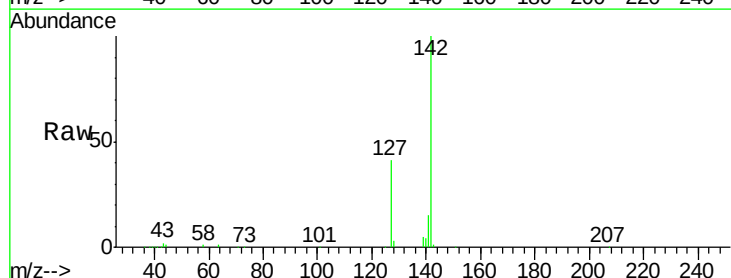
RT: 4.26 min Scan# 387

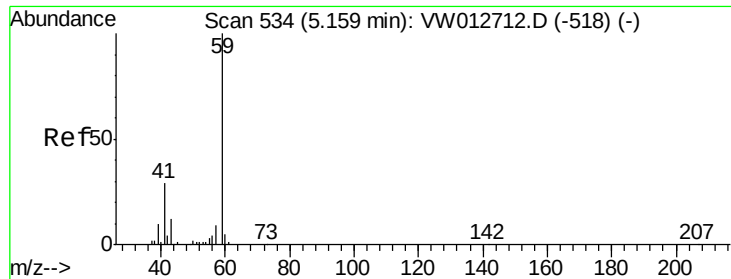
Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 119688 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 43.5  | 36.0  | 54.0   |
| 141       | 15.6  | 12.2  | 18.4   |





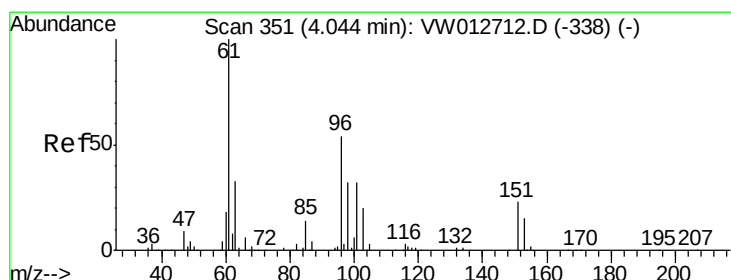
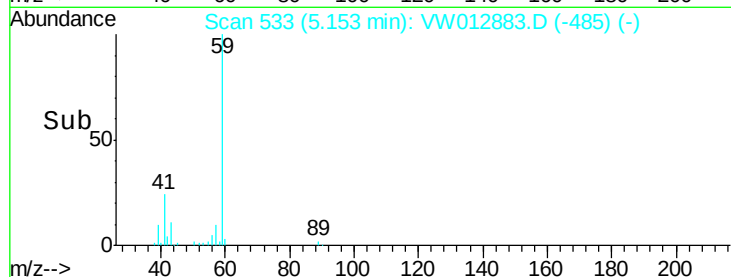
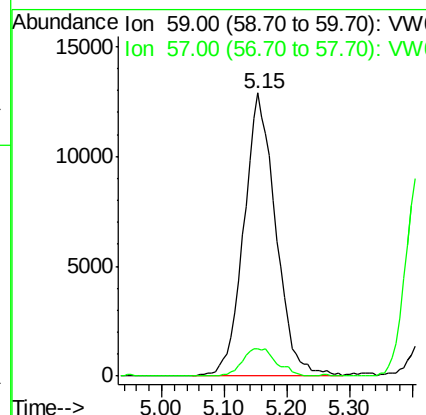
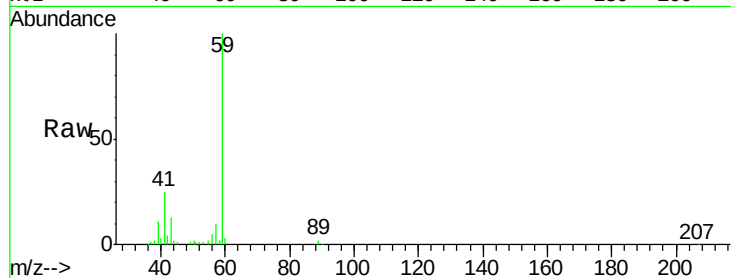
#11  
Tert butyl alcohol  
Concen: 275.404 ug/l  
RT: 5.15 min Scan# 533  
Delta R.T. -0.01 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 59   | Resp  | 45410 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 10.2 | 8.2   | 12.4  |

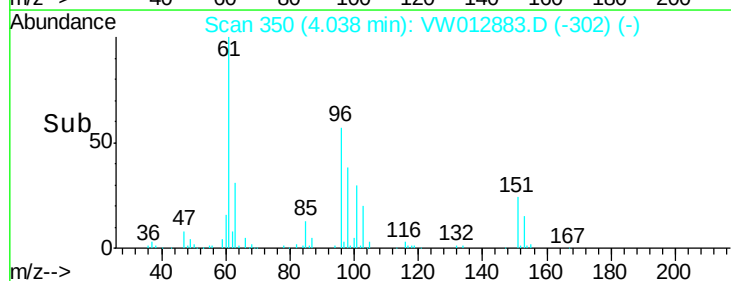
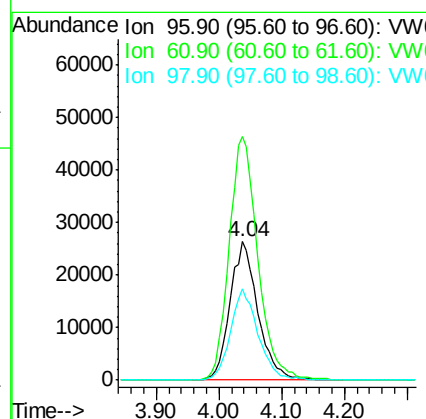
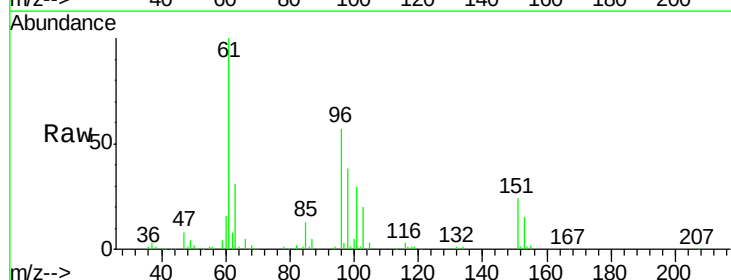
Manual Integrations  
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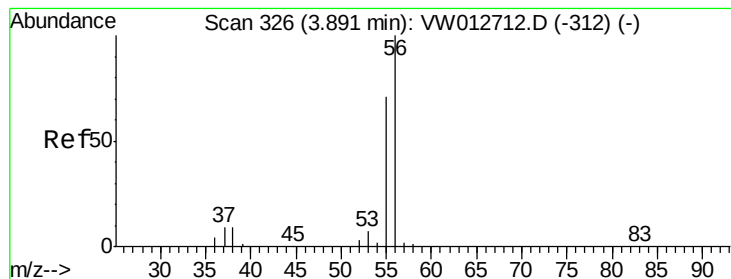
MMDadoda  
9/11/2019 9:26:36 AM



#12  
1,1-Dichloroethene  
Concen: 50.980 ug/l  
RT: 4.04 min Scan# 350  
Delta R.T. -0.01 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion   | 96    | Resp  | 81202 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 176.0 | 147.8 | 221.6 |
| 98        | 66.1  | 47.9  | 71.9  |





#13

Acrolein

Concen: 215.524 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 37711

Ion Ratio Lower Upper

56 100

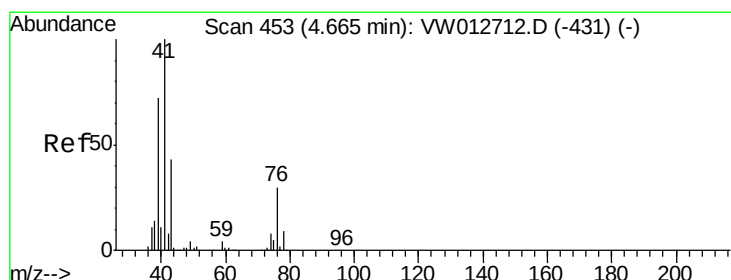
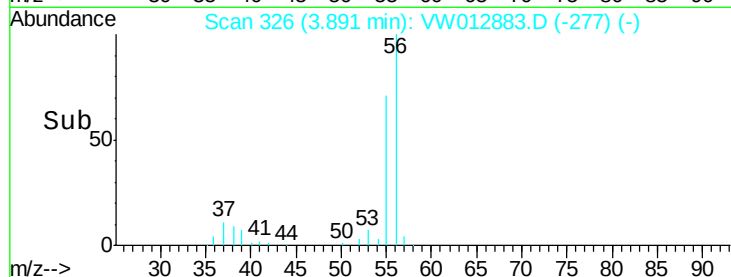
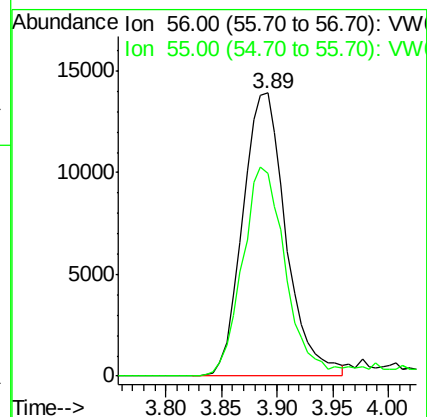
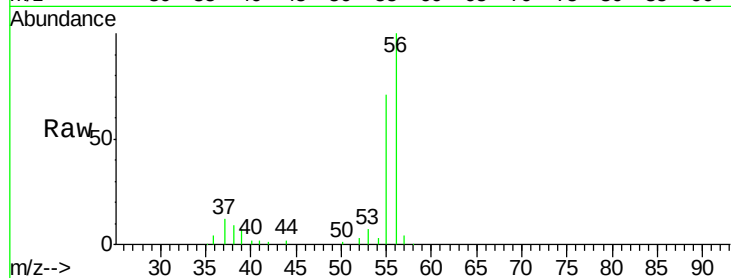
55 73.5 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 48.973 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

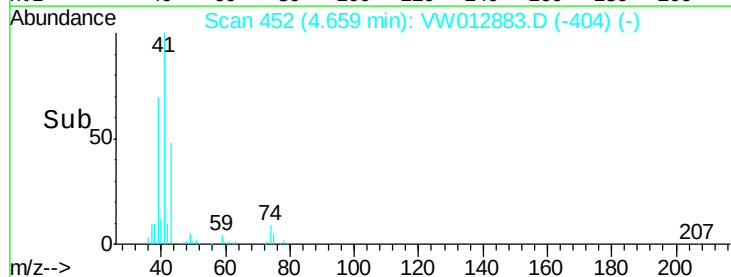
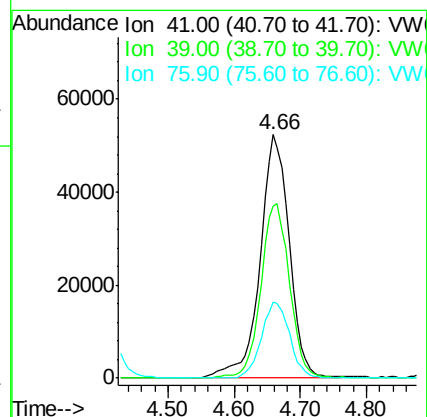
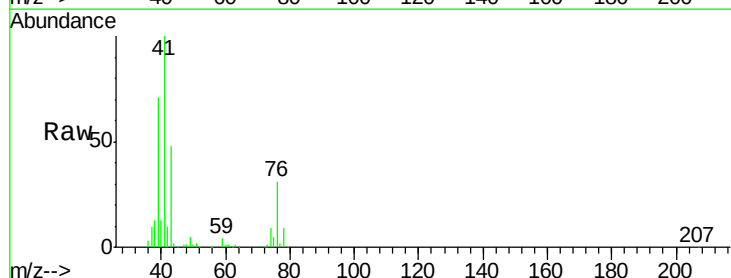
Tgt Ion: 41 Resp: 161365

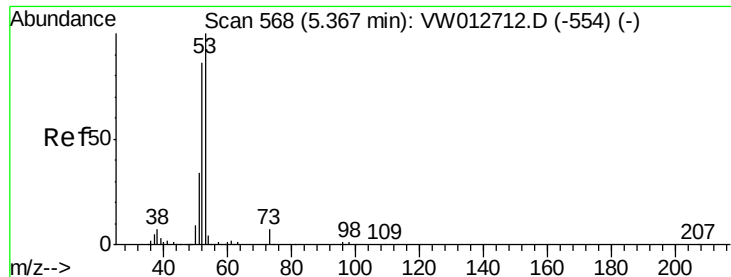
Ion Ratio Lower Upper

41 100

39 70.0 55.0 82.6

76 30.1 23.0 34.4





#15

Acrylonitrile

Concen: 258.454 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

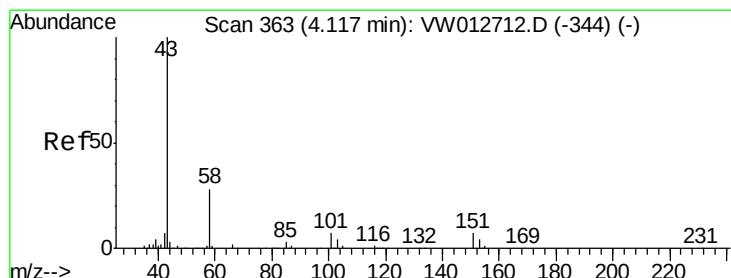
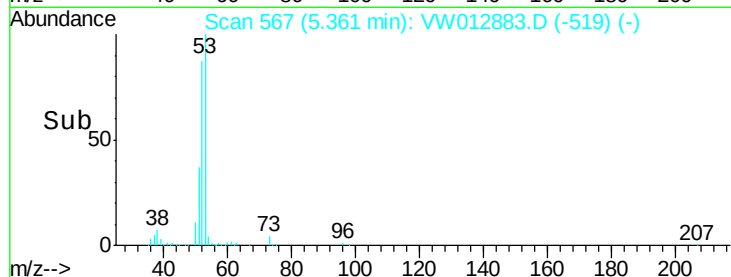
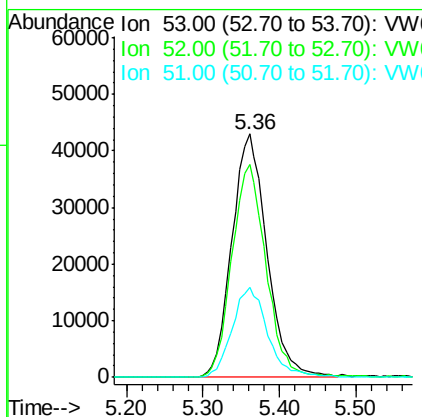
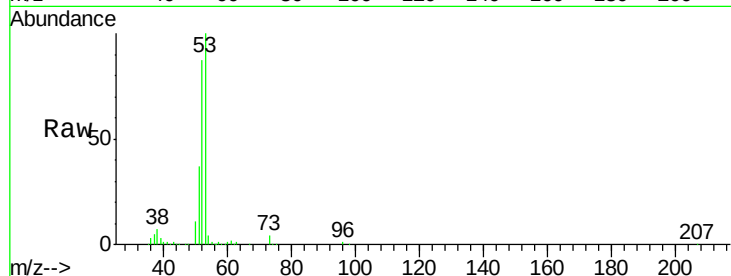
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 136417 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 85.2  | 67.0  | 100.4  |
| 51        | 37.5  | 29.8  | 44.8   |

Manual Integrations  
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#16

Acetone

Concen: 219.263 ug/l

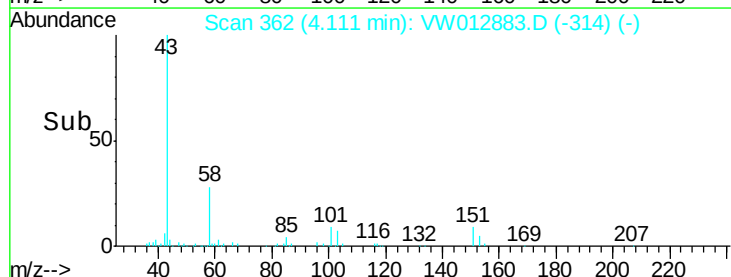
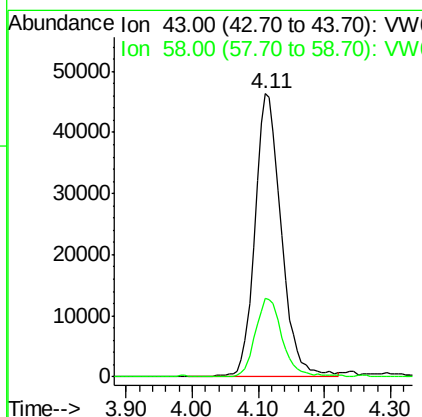
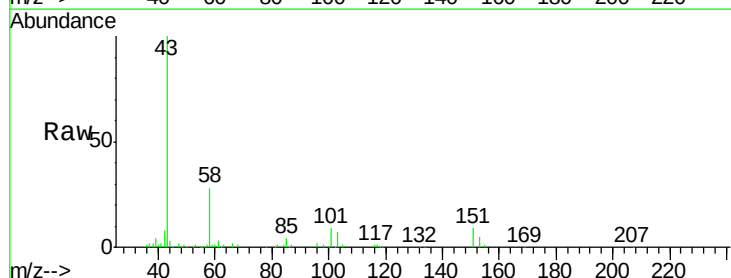
RT: 4.11 min Scan# 362

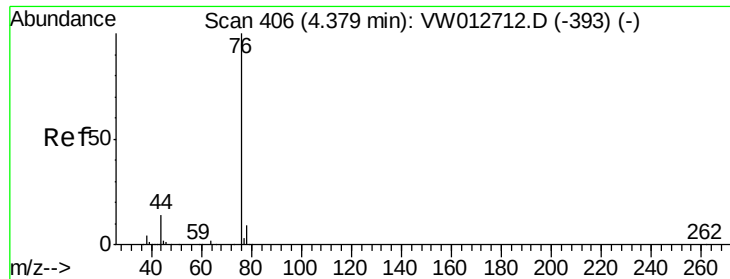
Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 128820 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 27.5  | 22.6  | 33.8   |





#17

Carbon Disulfide

Concen: 47.615 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 160984

Ion Ratio Lower Upper

76 100

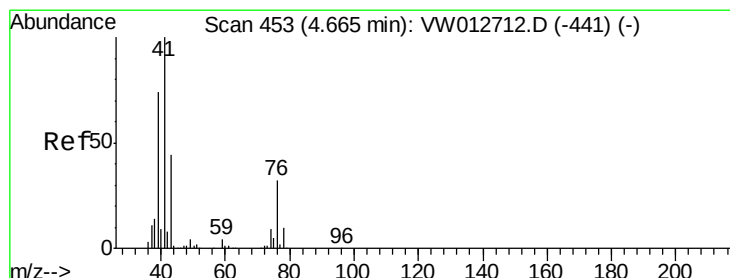
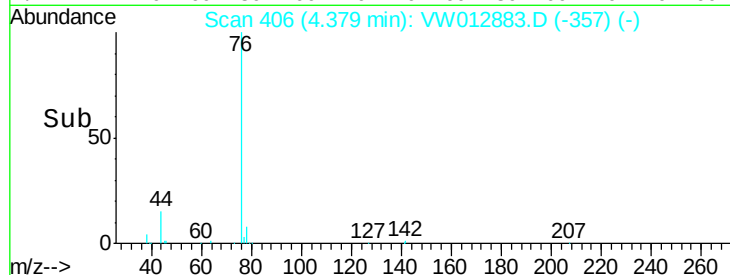
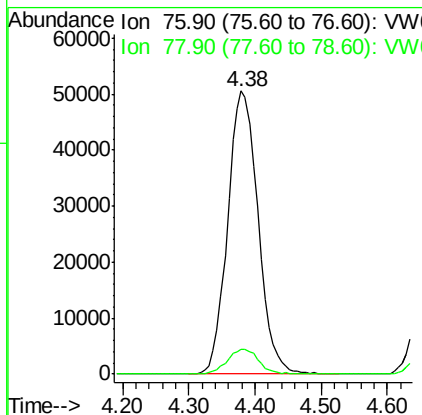
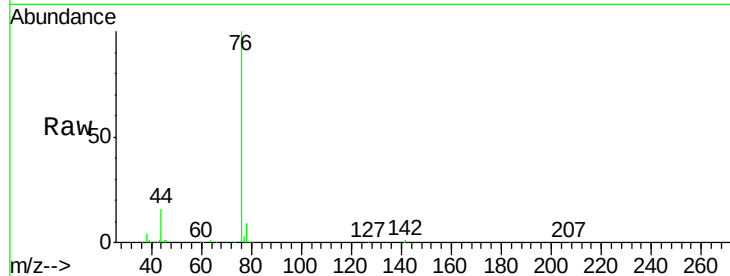
78 8.8 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 53.946 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012883.D

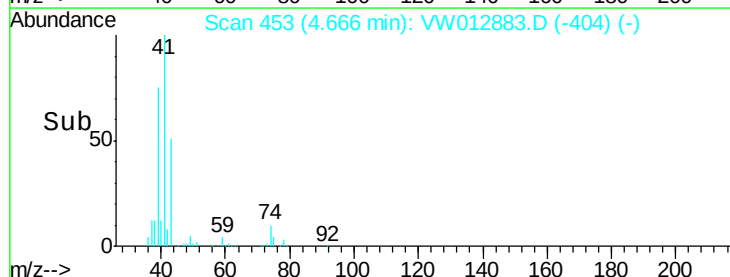
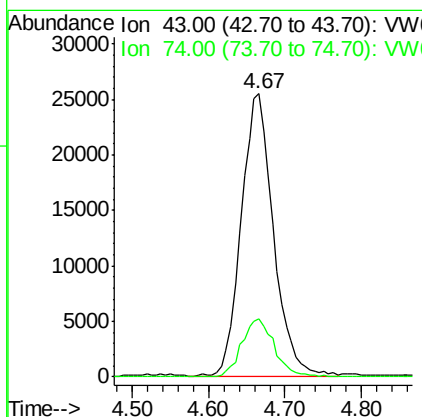
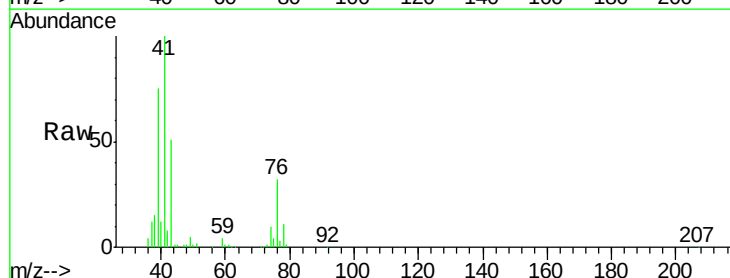
Acq: 10 Sep 2019 22:00

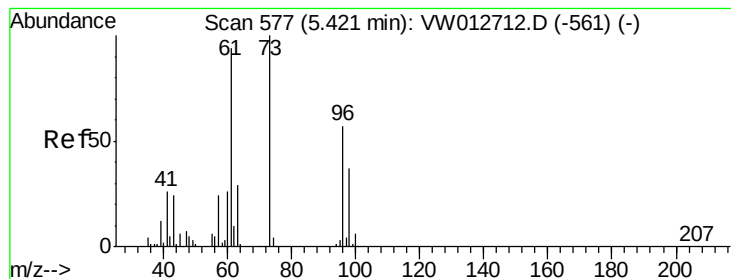
Tgt Ion: 43 Resp: 74359

Ion Ratio Lower Upper

43 100

74 20.6 15.8 23.6





#19

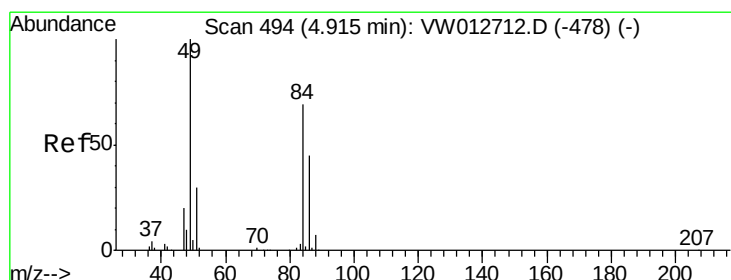
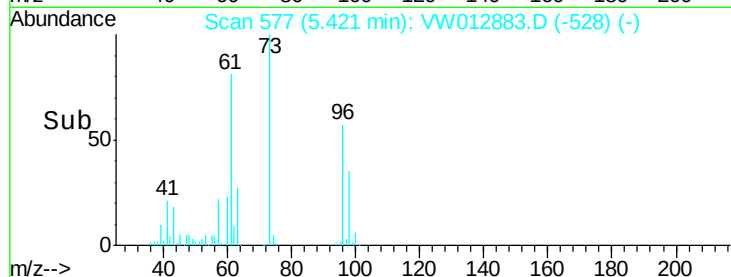
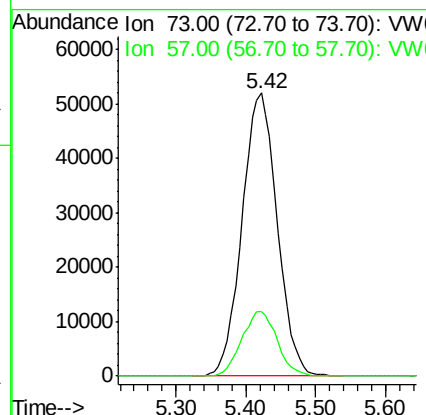
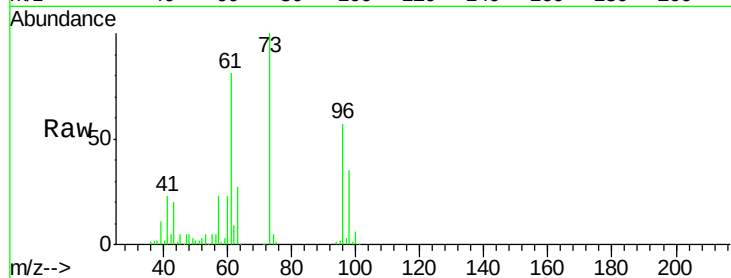
Methyl tert-butyl Ether  
 Concen: 57.348 ug/l  
 RT: 5.42 min Scan# 577  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.8  | 19.2  | 28.8  |

Manual Integrations  
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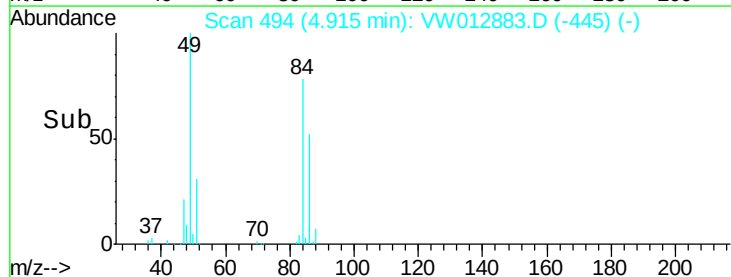
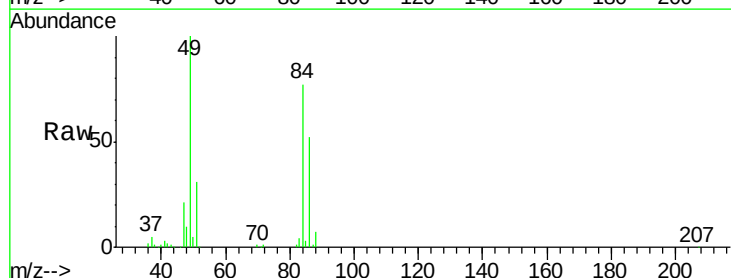
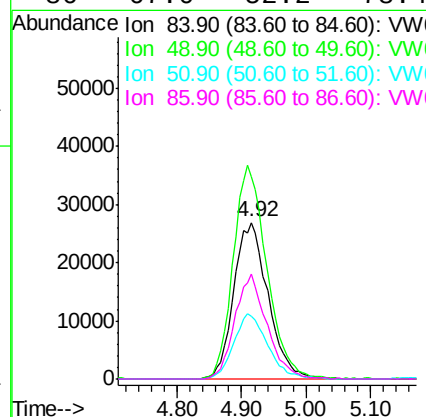
MMDadoda  
 9/11/2019 9:26:36 AM

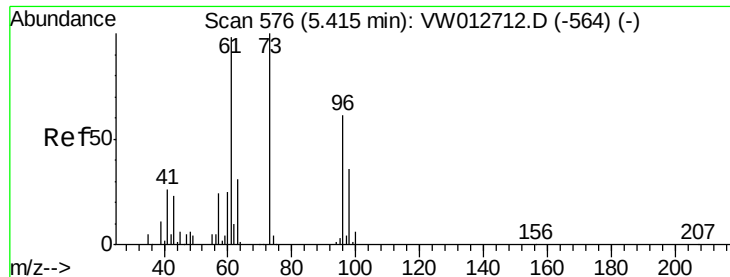


#20

Methylene Chloride  
 Concen: 54.091 ug/l  
 RT: 4.92 min Scan# 494  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 129.1 | 115.4 | 173.0 |
| 51      | 40.3  | 34.9  | 52.3  |
| 86      | 67.0  | 52.2  | 78.4  |





#21

trans-1,2-Dichloroethene

Concen: 55.070 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

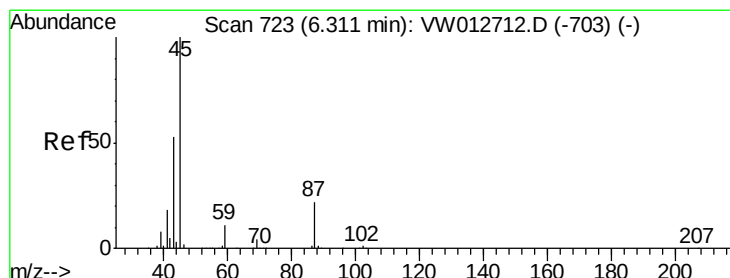
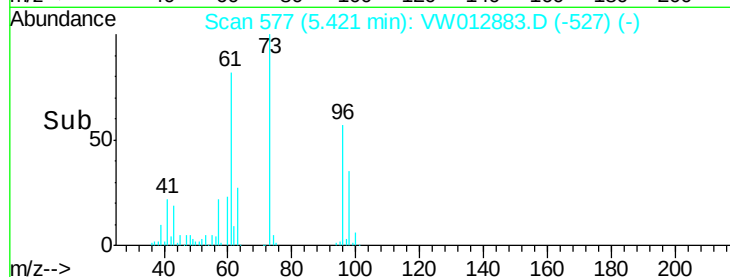
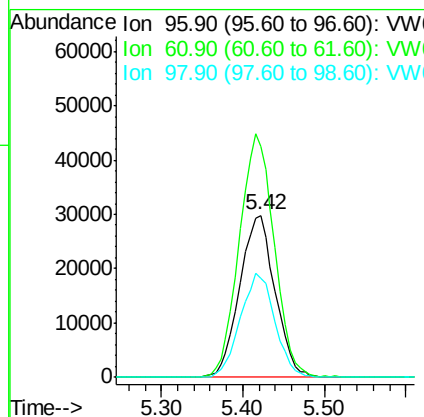
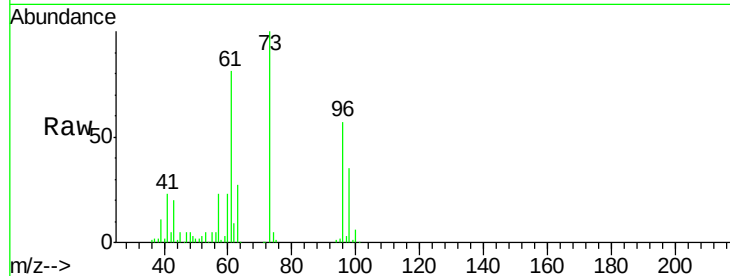
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 89501 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 142.0 | 129.2 | 193.8 |
| 98       | 61.2  | 48.0  | 72.0  |

Manual Integrations  
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9/11/2019 9:26:36 AM



#22

Diisopropyl ether

Concen: 55.207 ug/l

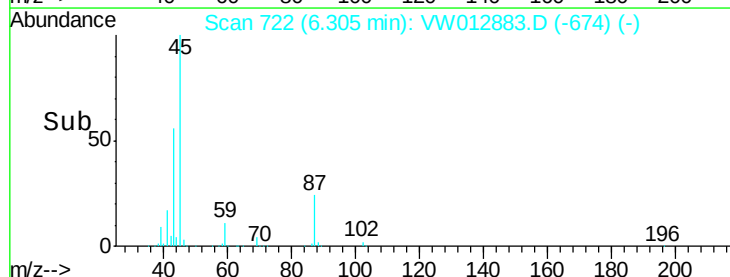
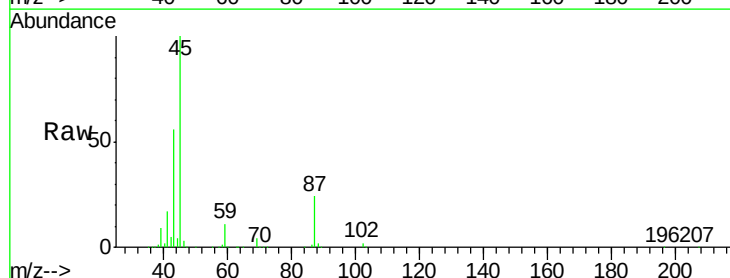
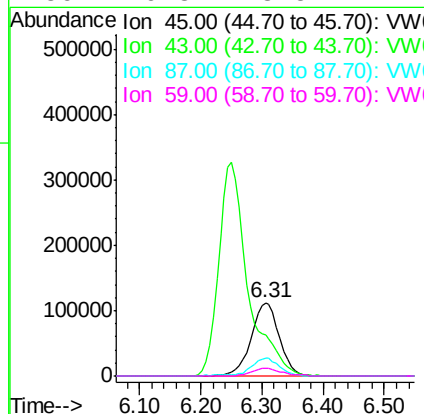
RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

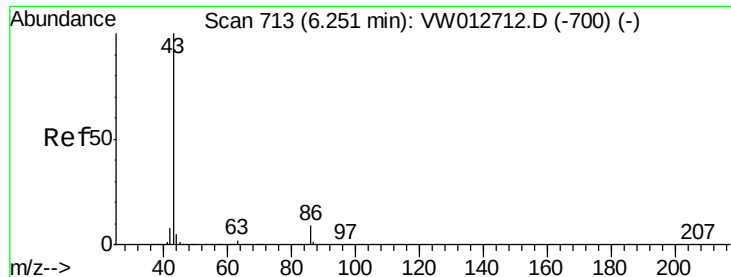
Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 360782 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 55.2  | 42.3  | 63.5   |
| 87       | 23.7  | 18.2  | 27.2   |
| 59       | 10.8  | 8.5   | 12.7   |







#23

Vinyl Acetate

Concen: 262.257 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Tot Ion: 43 Resp: 1086163

Ion Ratio Lower Upper

43 100

86 9.4 7.0 10.6

Instrument :

MSVOA\_W

ClientSampleId :

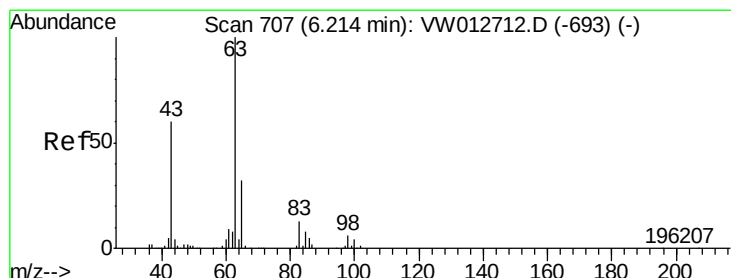
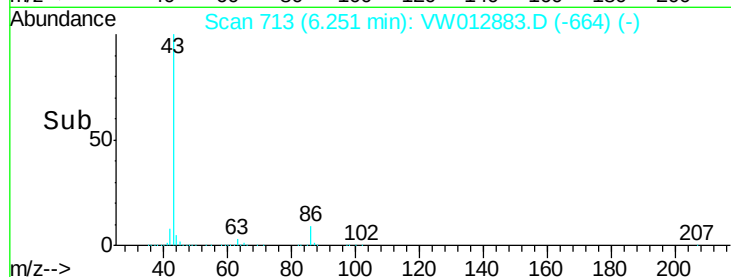
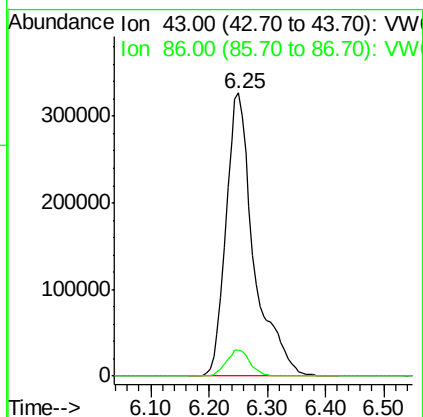
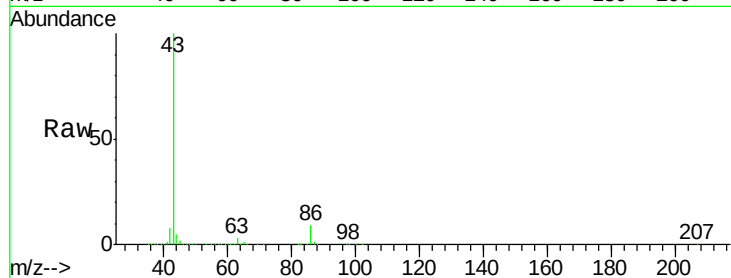
VSTDCCC050

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.464 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

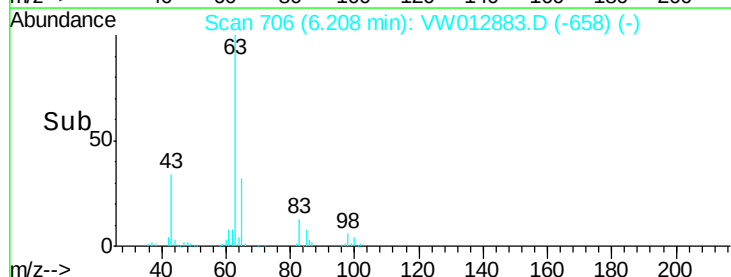
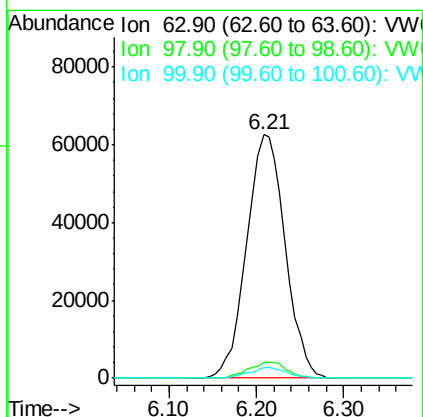
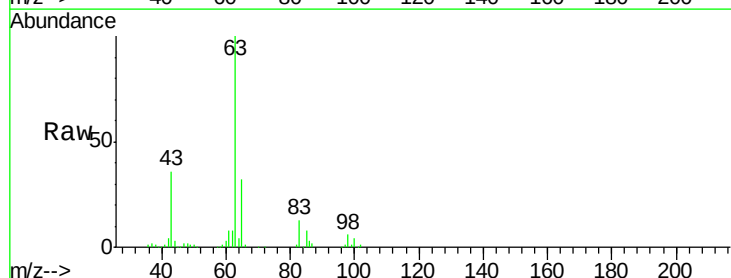
Tgt Ion: 63 Resp: 191645

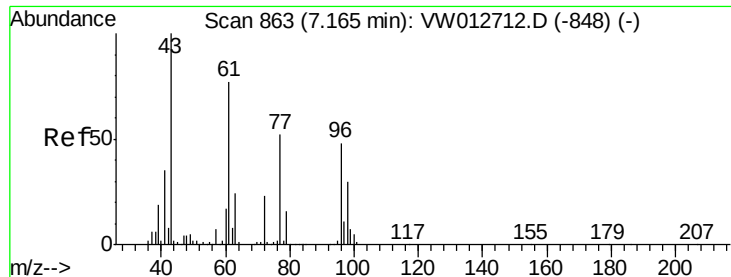
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.3

100 4.3 1.8 5.5





#25

2-Butanone

Concen: 226.208 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 193925

Ion Ratio Lower Upper

43 100

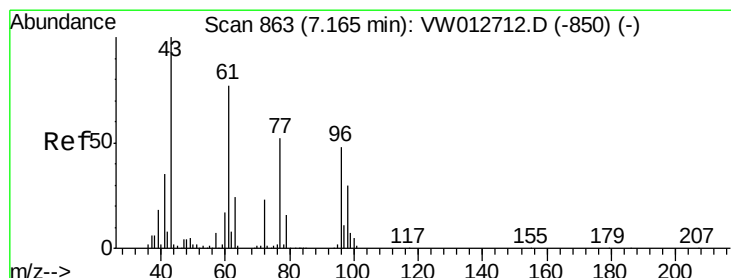
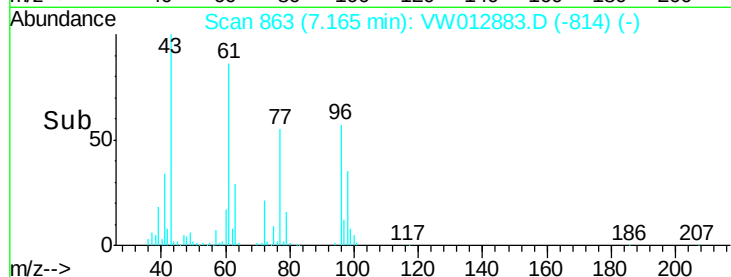
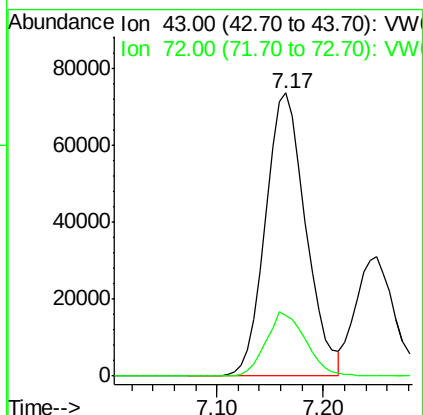
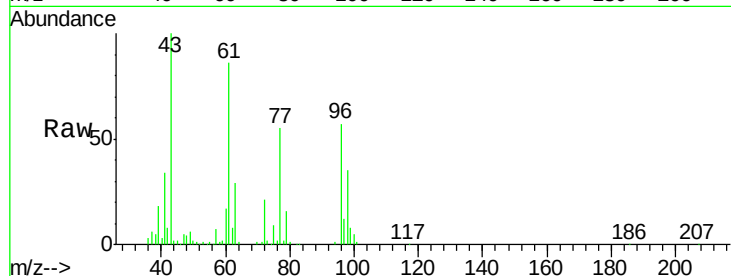
72 21.3 18.0 27.0

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#26

2,2-Dichloropropane

Concen: 52.555 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012883.D

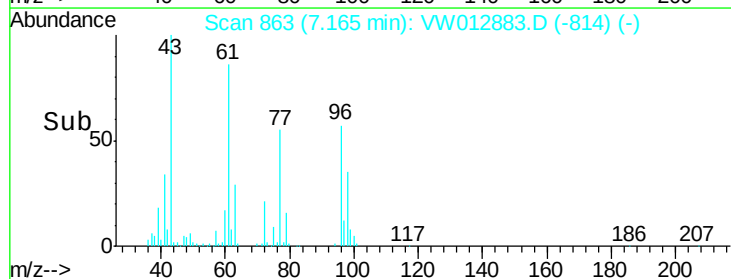
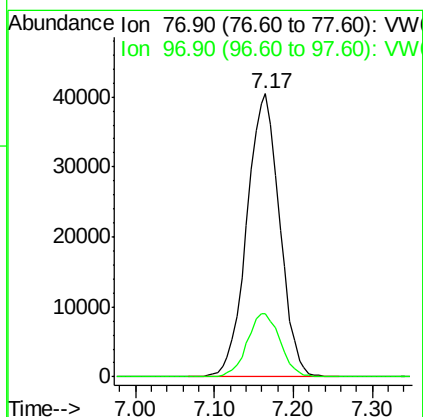
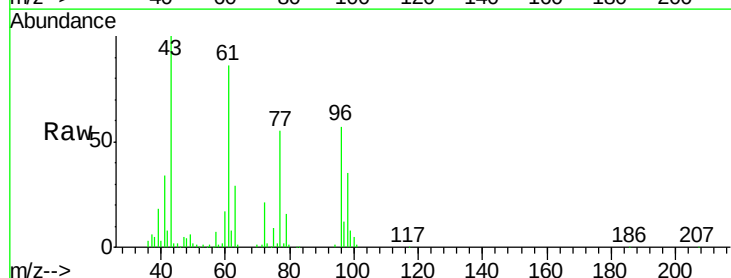
Acq: 10 Sep 2019 22:00

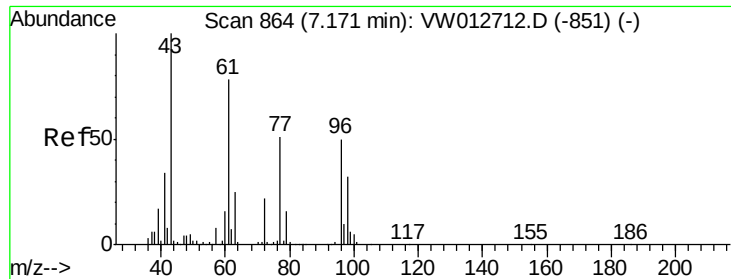
Tgt Ion: 77 Resp: 116800

Ion Ratio Lower Upper

77 100

97 22.4 10.7 32.1





#27

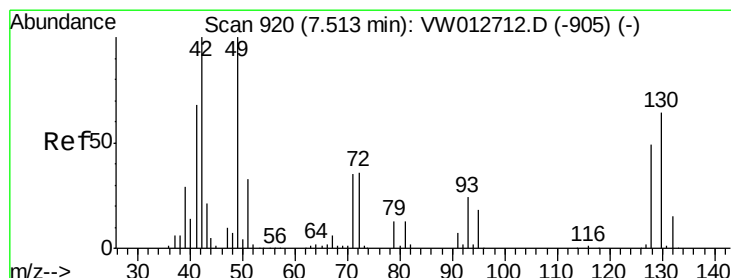
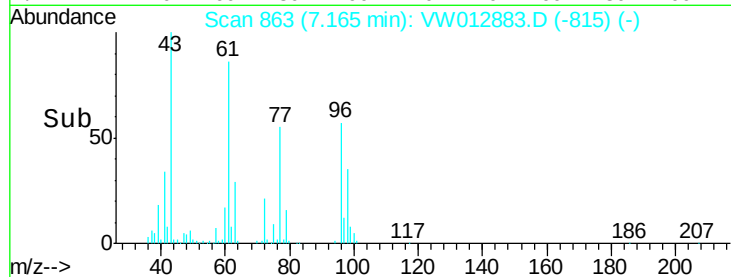
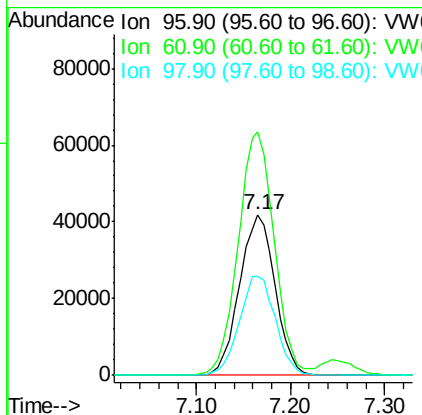
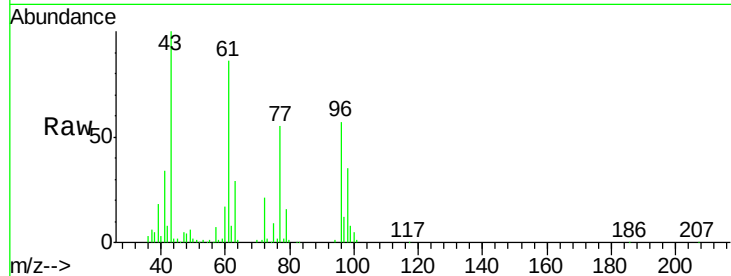
cis-1,2-Dichloroethene  
Concen: 58.365 ug/l  
RT: 7.17 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 153.5 | 0.0  | 325.8 |       |
| 98      | 62.5  | 0.0  | 127.0 |       |

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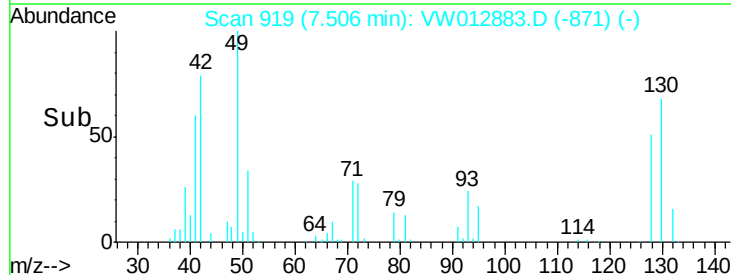
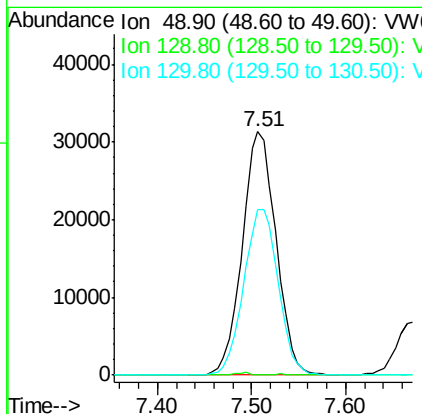
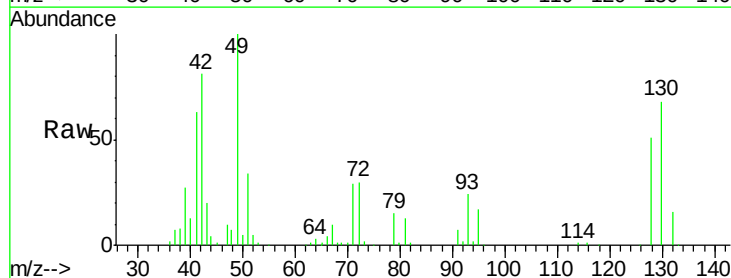
MMDadoda  
9/11/2019 9:26:36 AM

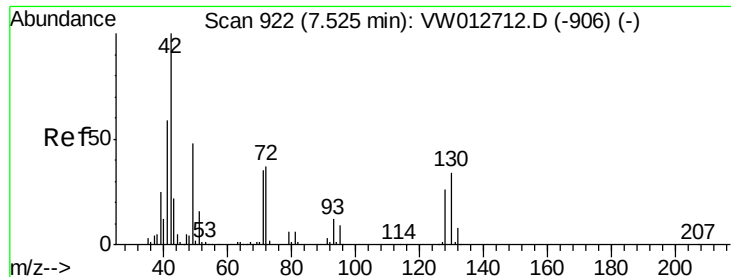


#28

Bromochloromethane  
Concen: 48.312 ug/l  
RT: 7.51 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 0.5   | 0.0  | 0.8   |       |
| 130     | 69.6  | 49.8 | 74.8  |       |





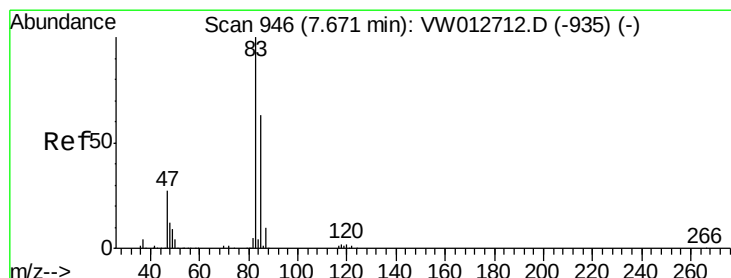
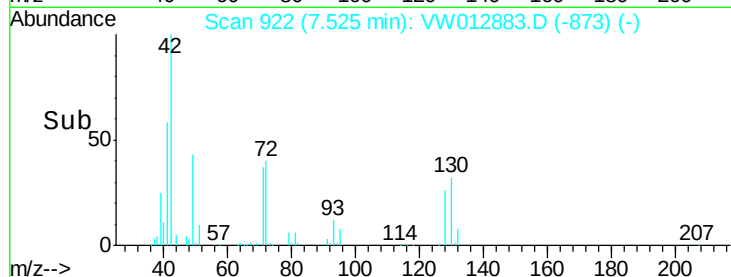
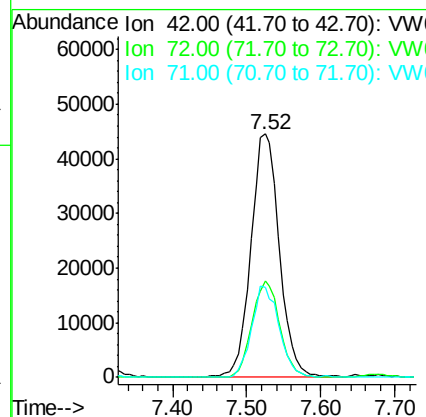
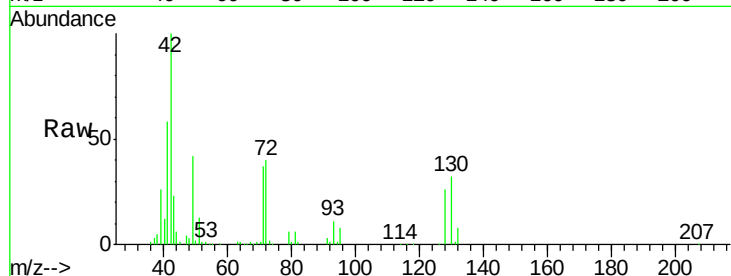
#29  
Tetrahydrofuran  
Concen: 252.807 ug/l  
RT: 7.52 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 38.5  | 28.4  | 42.6  |
| 71      | 36.2  | 27.1  | 40.7  |

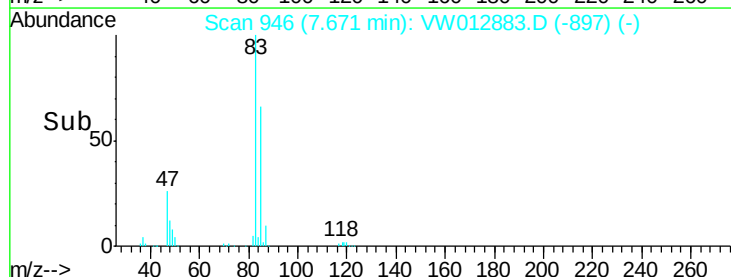
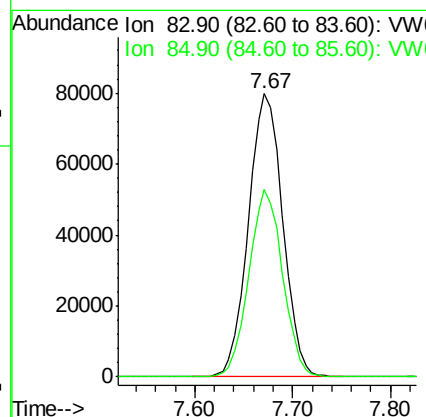
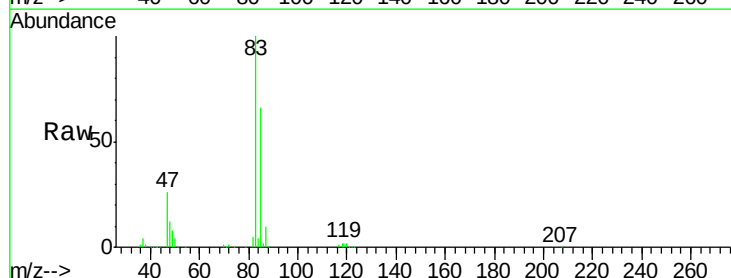
Manual Integrations  
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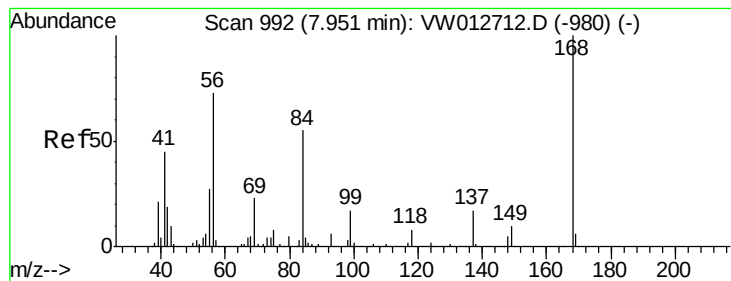
MMDadoda  
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#30  
Chloroform  
Concen: 55.725 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.0  | 50.6  | 76.0  |





#31

Cyclohexane

Concen: 44.878 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

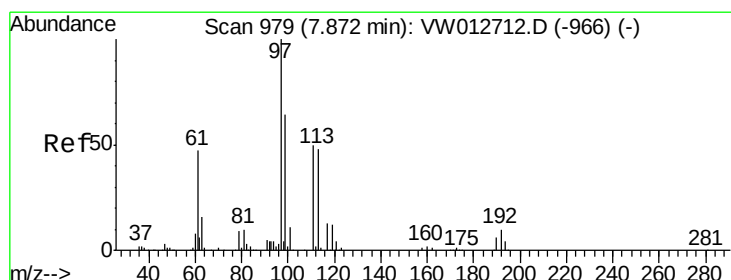
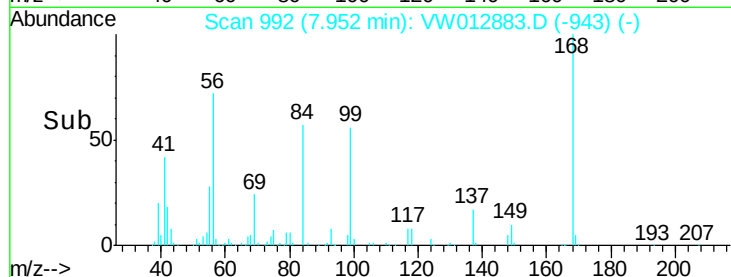
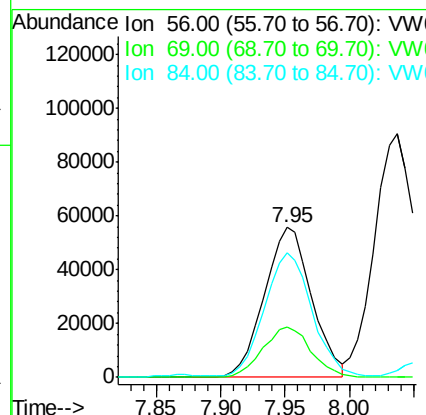
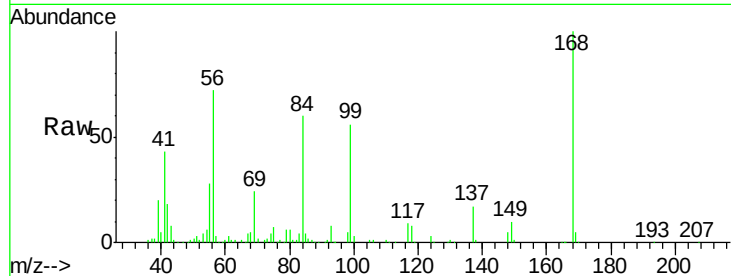
ClientSampleId :

VSTDCCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 56   | Resp: | 142166 |
| Ion Ratio |      | Lower | Upper  |
| 56        | 100  |       |        |
| 69        | 33.3 | 25.7  | 38.5   |
| 84        | 81.5 | 60.4  | 90.6   |

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#32

1,1,1-Trichloroethane

Concen: 55.026 ug/l

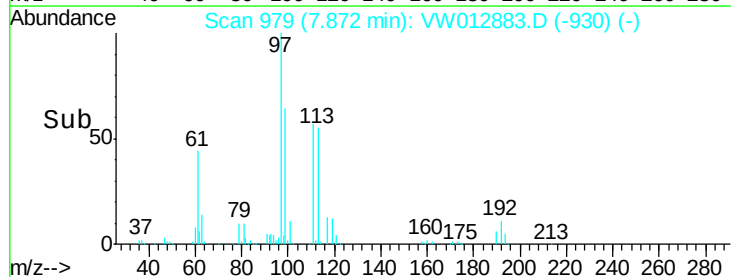
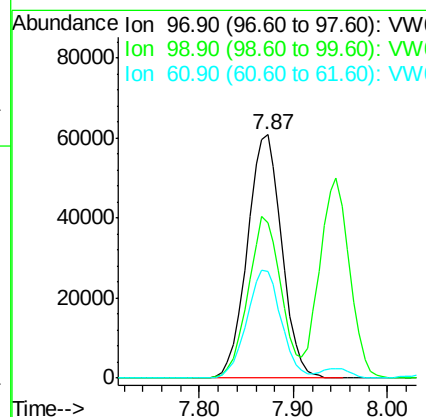
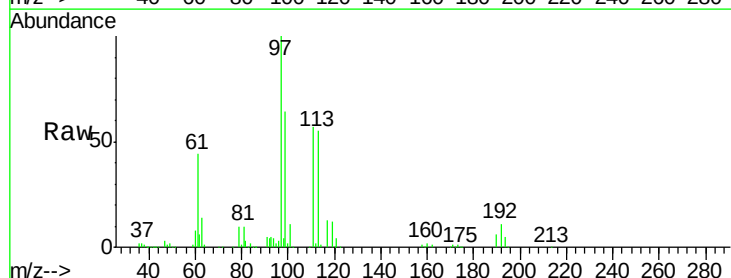
RT: 7.87 min Scan# 979

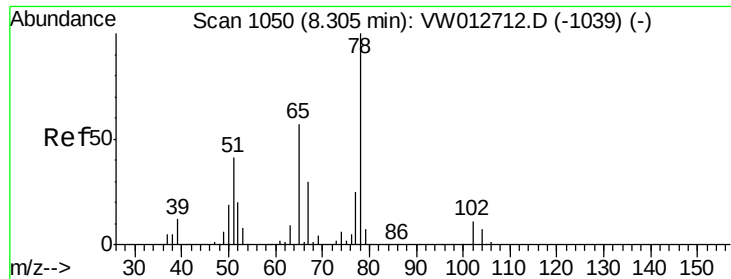
Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 97   | Resp: | 155548 |
| Ion Ratio |      | Lower | Upper  |
| 97        | 100  |       |        |
| 99        | 64.1 | 51.5  | 77.3   |
| 61        | 44.4 | 37.9  | 56.9   |





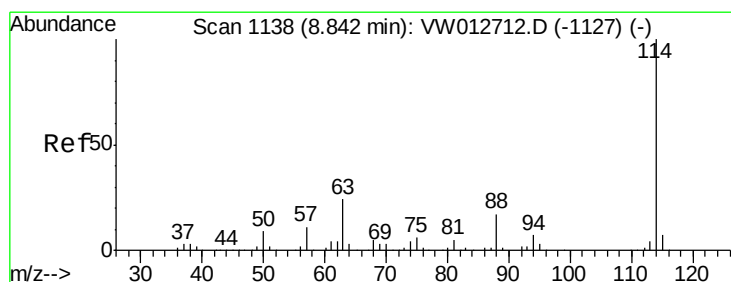
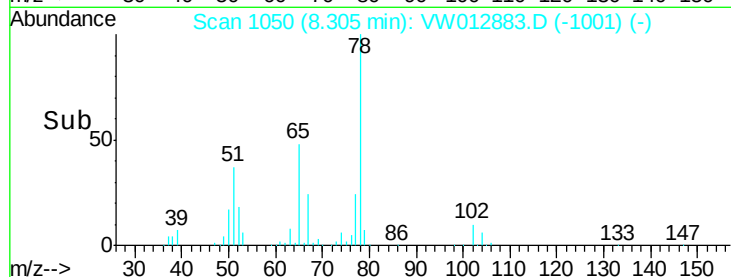
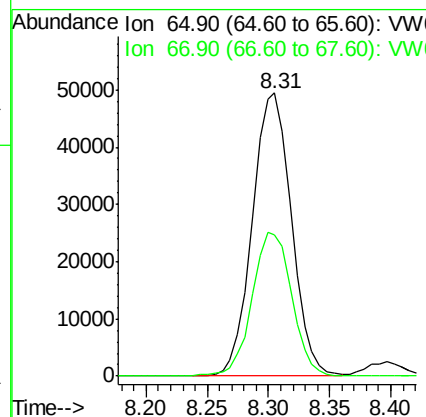
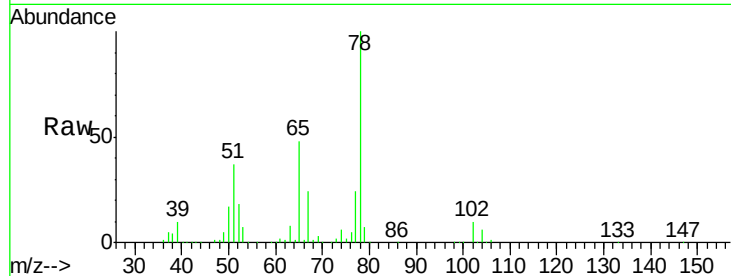
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.070 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 110058 |       |       |
| 67      | 51.7  | 0.0    | 101.8 |       |

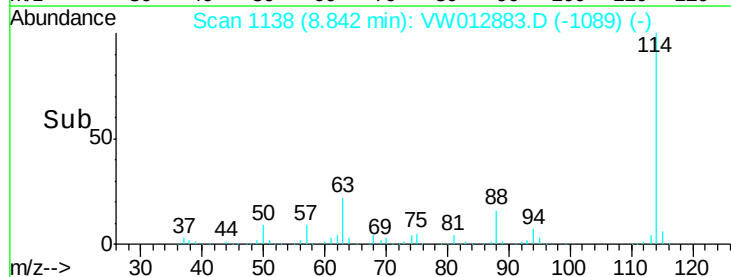
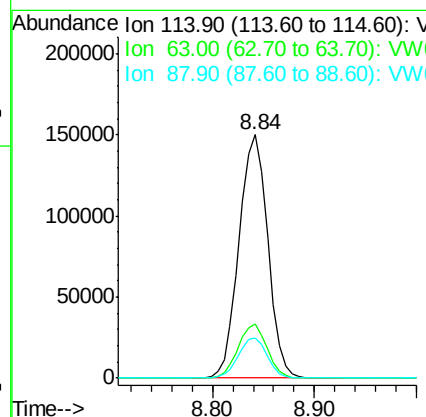
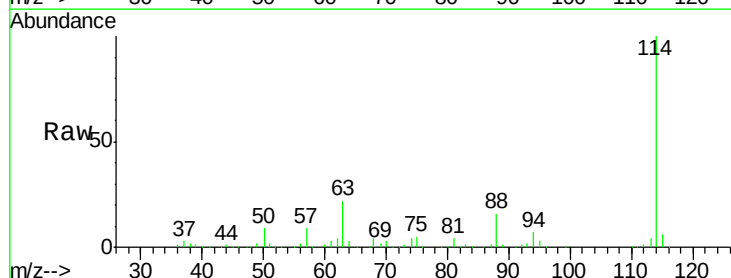
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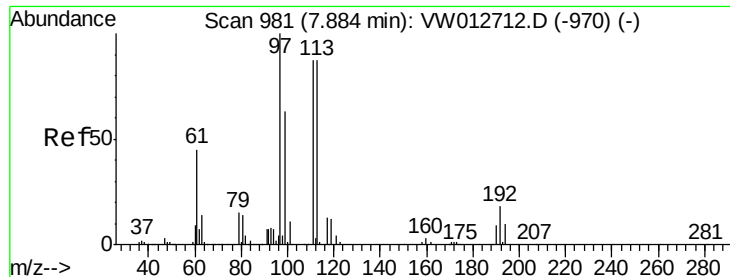
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 292817 |       |       |
| 63      | 22.1  | 0.0    | 47.2  |       |
| 88      | 16.4  | 0.0    | 34.0  |       |





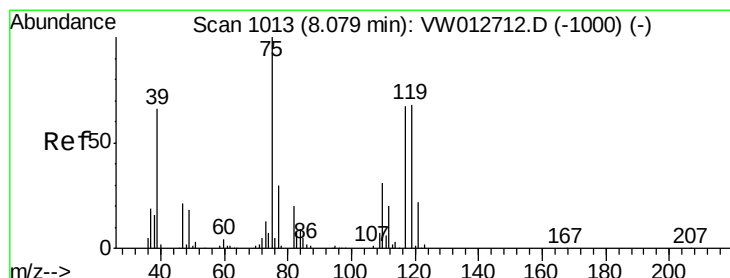
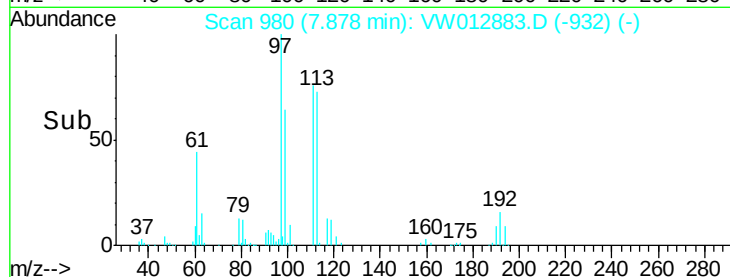
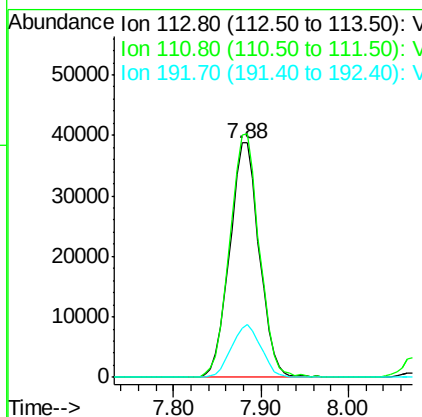
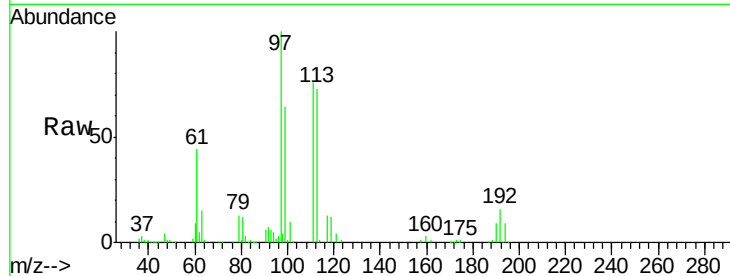
#35  
 Dibromofluoromethane  
 Concen: 52.785 ug/l  
 RT: 7.88 min Scan# 980  
 Delta R.T. -0.01 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.6 | 80.2  | 120.4 |
| 192     | 22.5  | 17.3  | 25.9  |

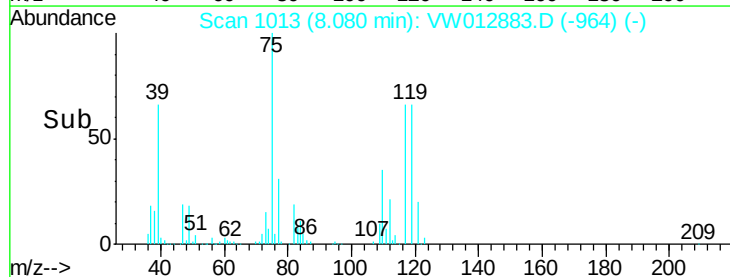
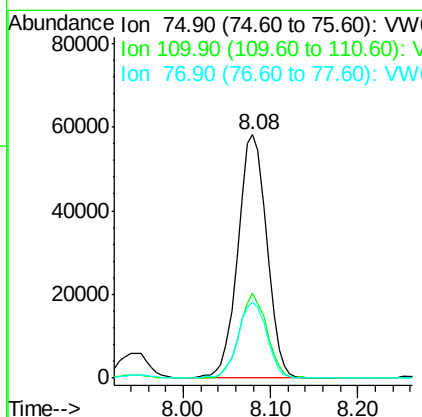
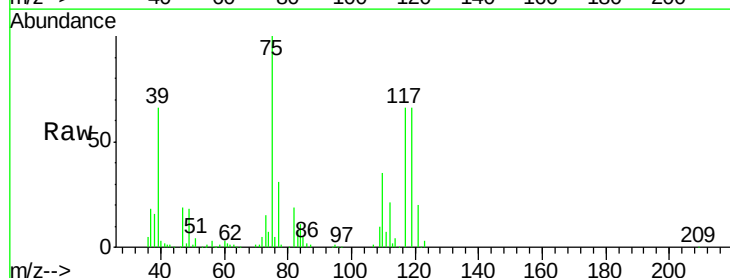
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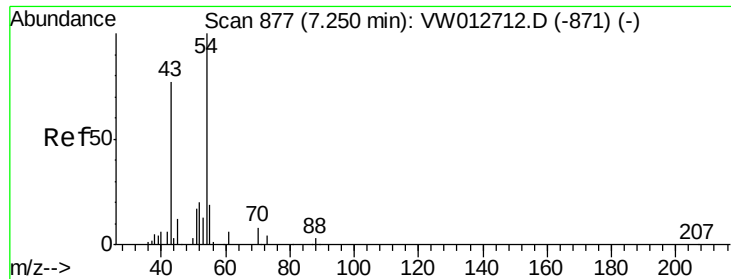
MMDadoda  
 9/11/2019 9:26:36 AM



#36  
 1,1-Dichloropropene  
 Concen: 51.470 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 33.3  | 15.9  | 47.7  |
| 77      | 31.4  | 25.0  | 37.4  |





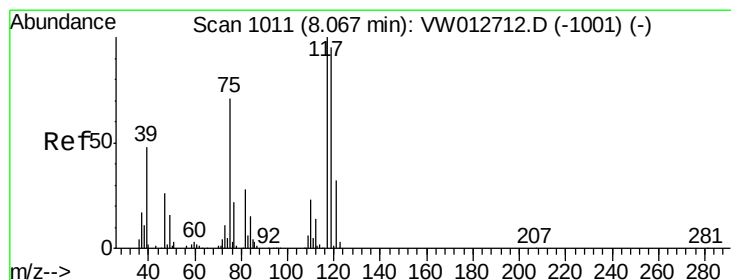
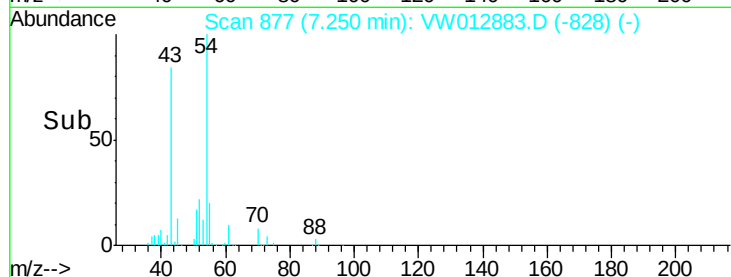
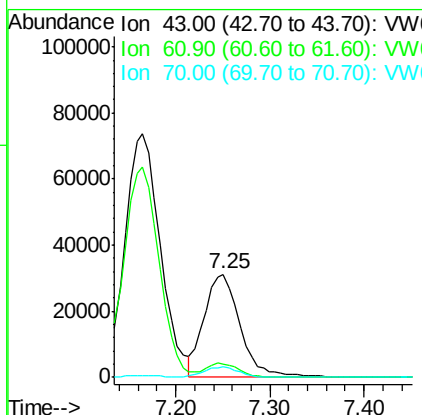
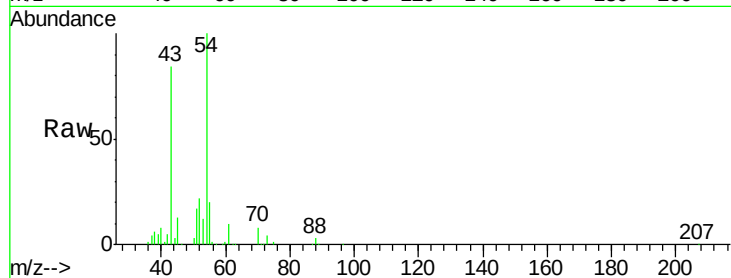
#37  
Ethyl Acetate  
Concen: 48.612 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.8  | 9.5   | 14.3  |
| 70      | 9.6   | 7.0   | 10.6  |

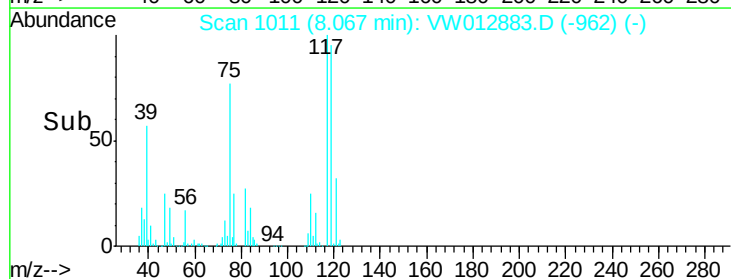
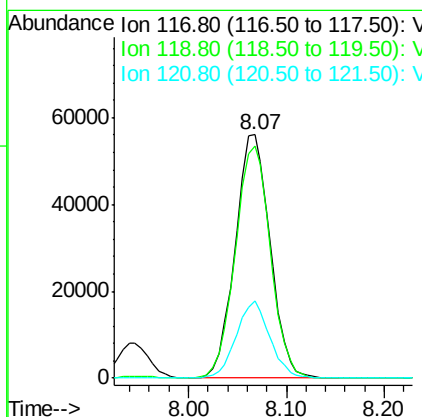
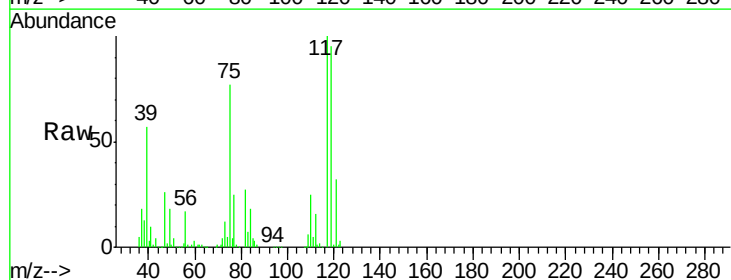
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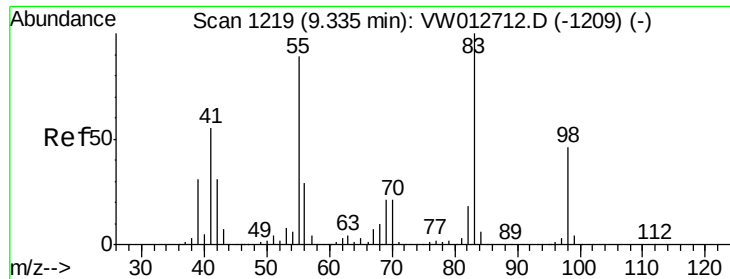


#38  
Carbon Tetrachloride  
Concen: 54.159 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.3  | 76.2  | 114.2 |
| 121     | 31.6  | 25.4  | 38.2  |







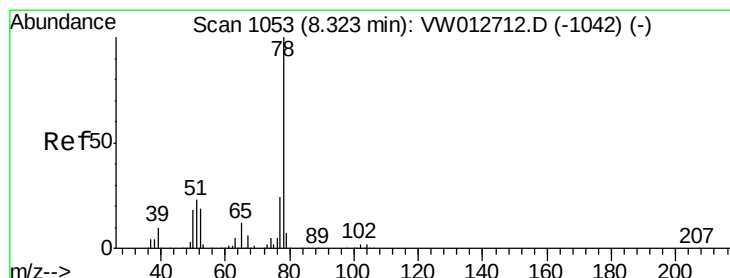
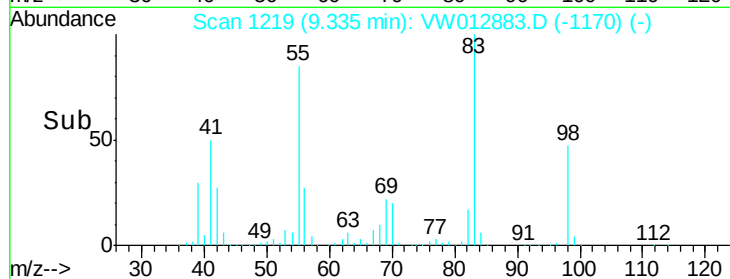
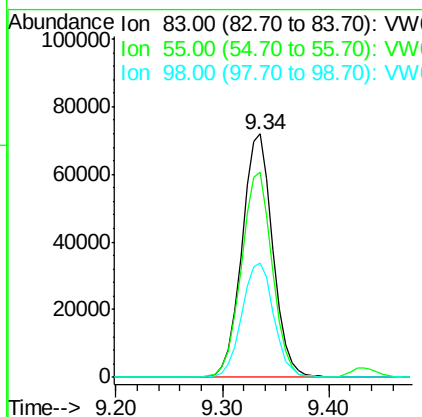
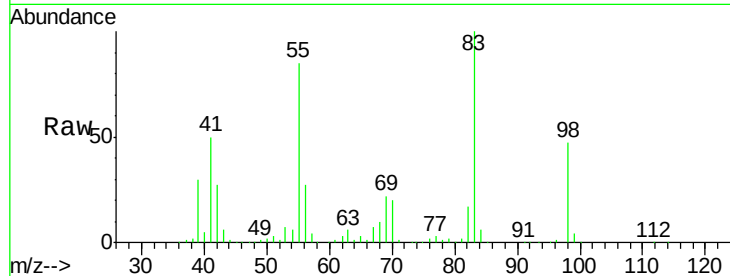
#39  
Methylvlcyclohexane  
Concen: 50.244 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 83    | Resp  | 146818 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 84.5  | 71.0  | 106.4  |
| 98        | 47.1  | 36.9  | 55.3   |

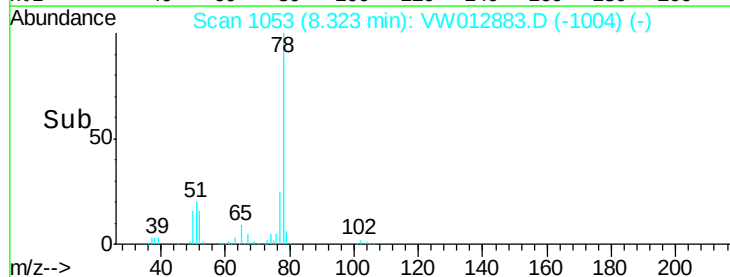
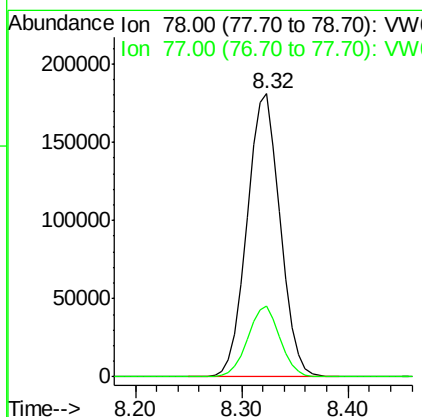
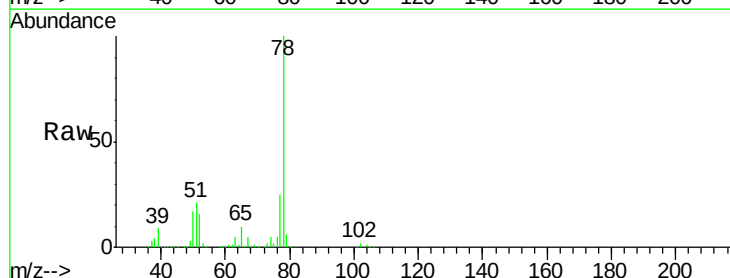
Manual Integrations  
APPROVED

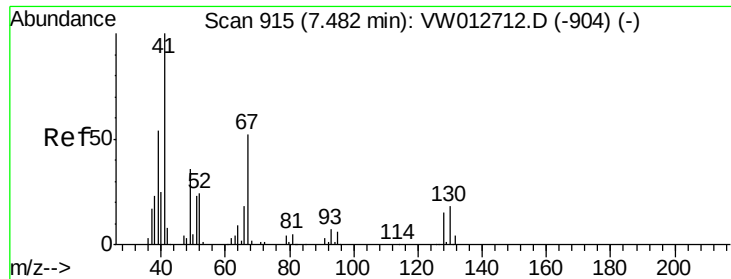
MMDadoda  
9/11/2019 9:26:36 AM



#40  
Benzene  
Concen: 54.841 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion   | 78    | Resp  | 395873 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 25.0  | 19.3  | 28.9   |





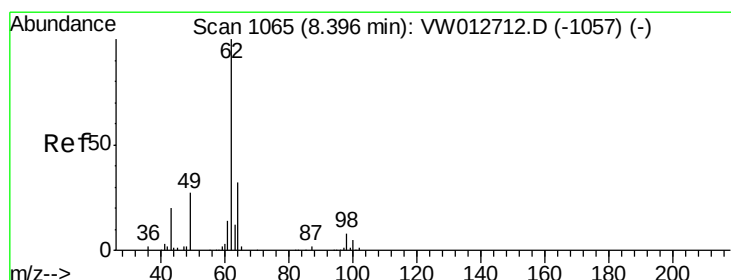
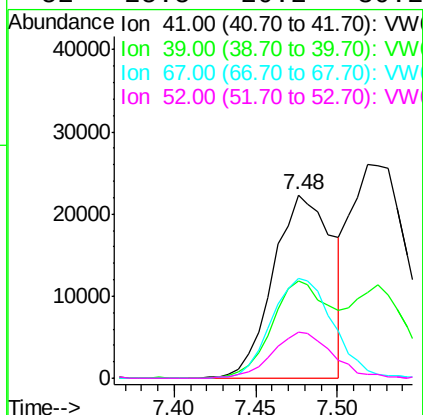
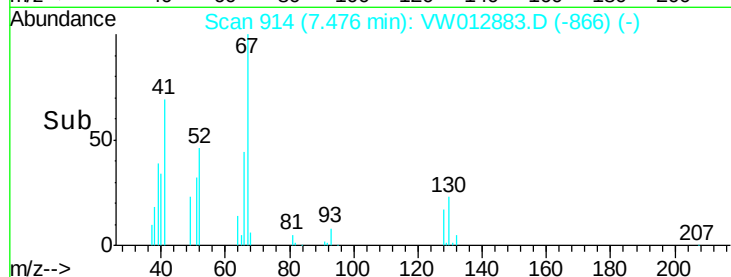
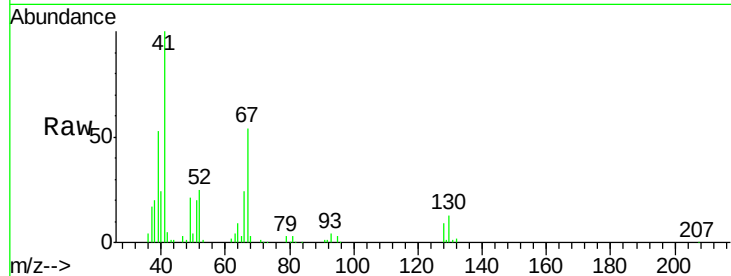
#41  
Methacrylonitrile  
Concen: 49.836 ug/l  
RT: 7.48 min Scan# 914  
Delta R.T. -0.01 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 41      | 100  |       | 56171 |       |       |
| 39      | 52.4 | 47.5  | 71.3  |       |       |
| 67      | 57.1 | 45.1  | 67.7  |       |       |
| 52      | 25.5 | 20.2  | 30.2  |       |       |

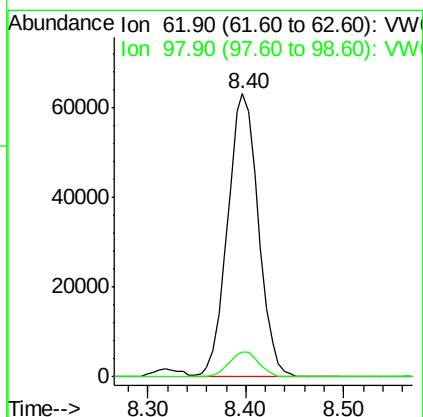
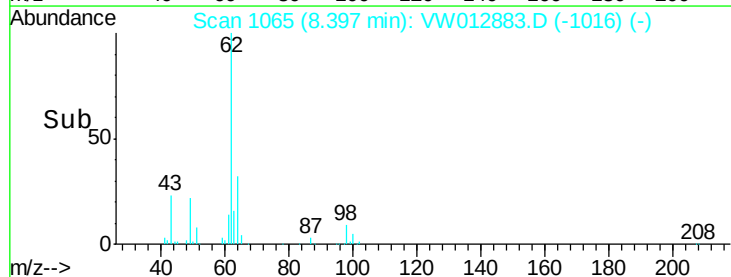
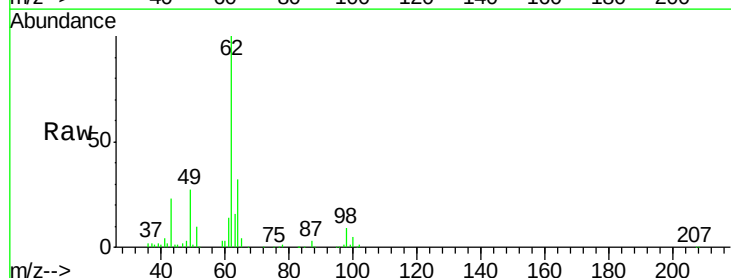
Manual Integrations  
APPROVED

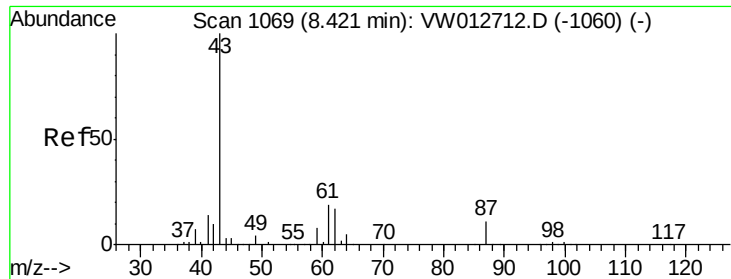
MMDadoda  
9/11/2019 9:26:36 AM



#42  
1,2-Dichloroethane  
Concen: 54.130 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 62      | 100 |       | 137516 |       |       |
| 98      | 8.7 | 0.0   | 16.2   |       |       |





#43

Isopropyl Acetate

Concen: 51.490 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 161792

Ion Ratio Lower Upper

43 100

61 27.5 20.6 30.8

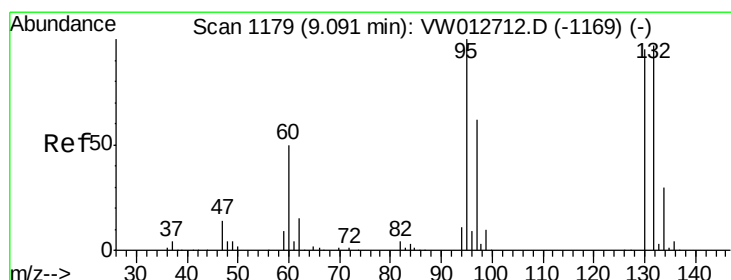
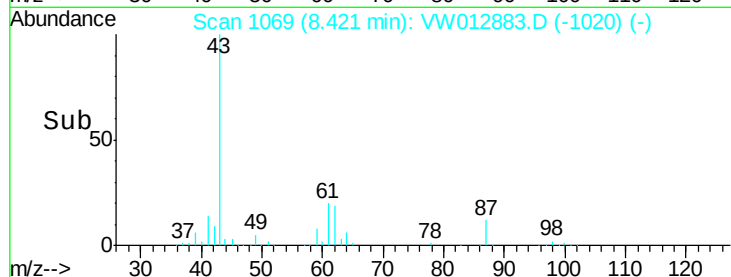
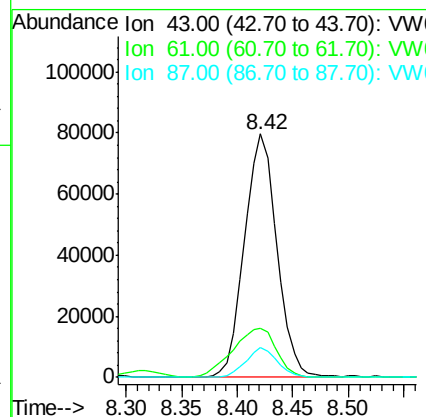
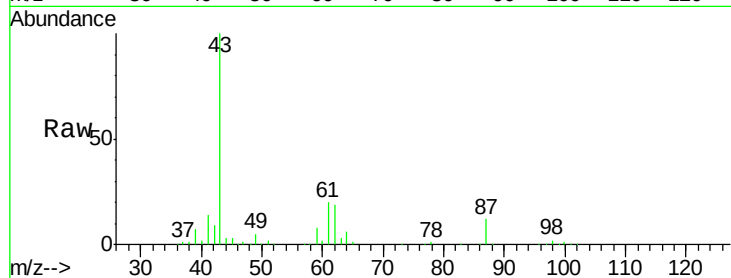
87 11.9 8.6 13.0

Manual Integrations

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MMDadoda

9/11/2019 9:26:36 AM



#44

Trichloroethene

Concen: 56.325 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012883.D

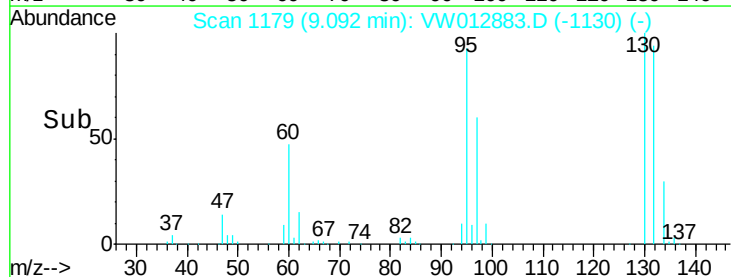
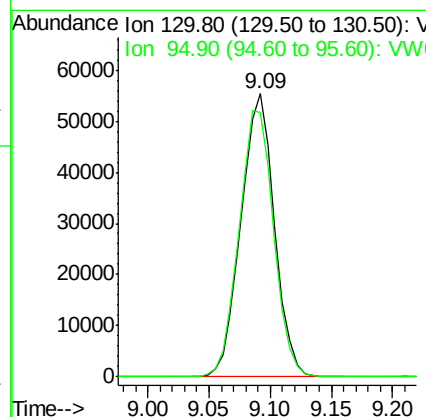
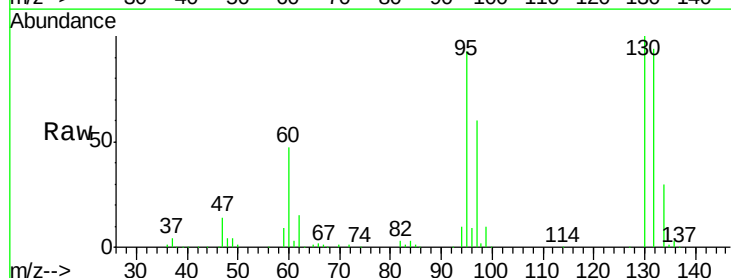
Acq: 10 Sep 2019 22:00

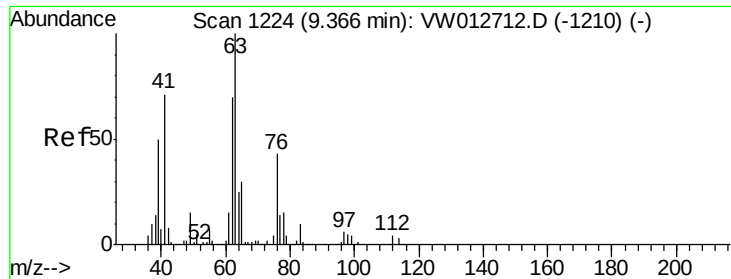
Tgt Ion:130 Resp: 104806

Ion Ratio Lower Upper

130 100

95 93.3 0.0 210.6





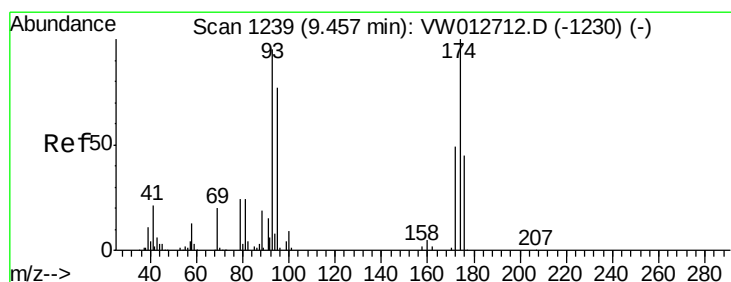
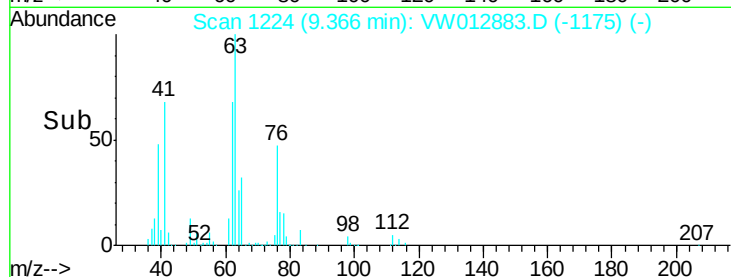
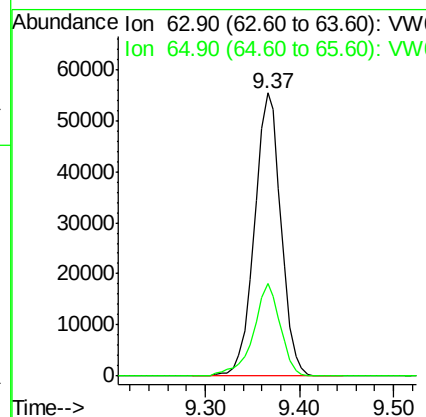
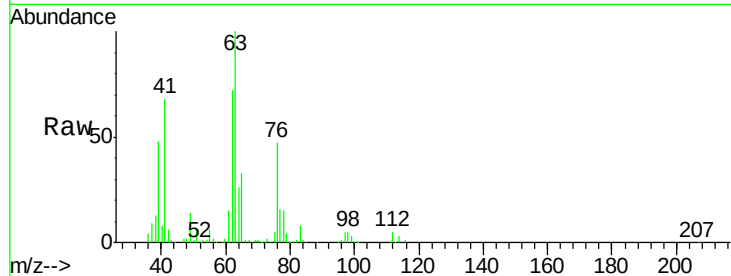
#45  
 1,2-Dichloropropane  
 Concen: 54.656 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 32.5  | 23.8  | 35.8  |

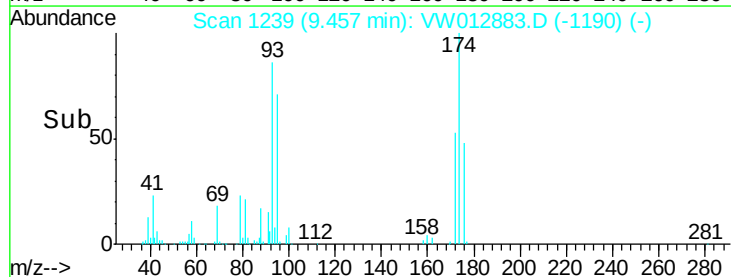
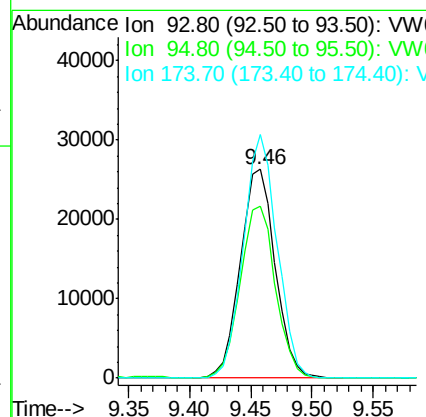
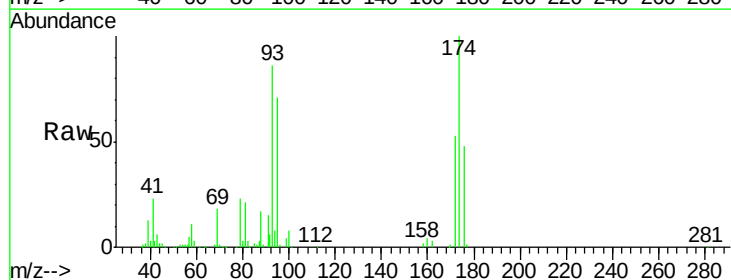
Manual Integrations  
 APPROVED

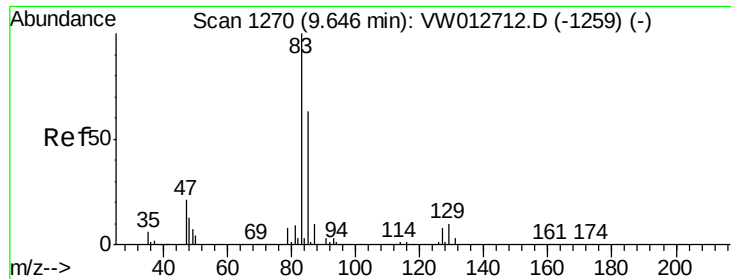
MMDadoda  
 9/11/2019 9:26:36 AM



#46  
 Dibromomethane  
 Concen: 54.969 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.3  | 65.2  | 97.8  |
| 174     | 112.8 | 84.2  | 126.4 |





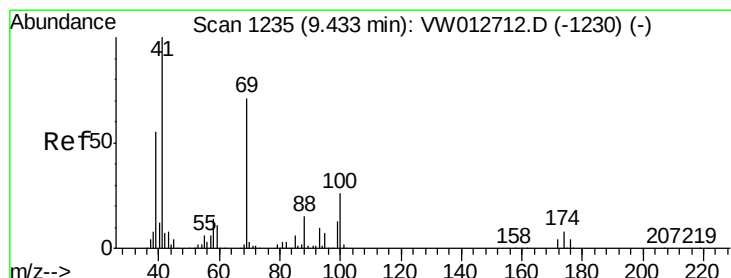
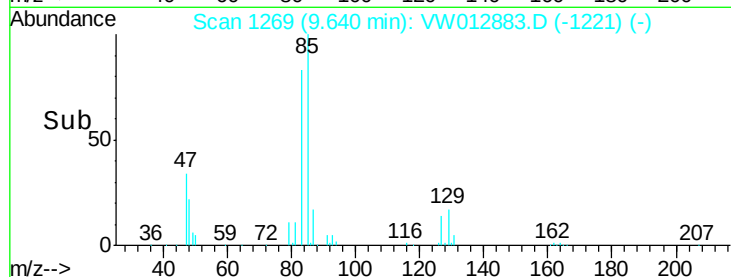
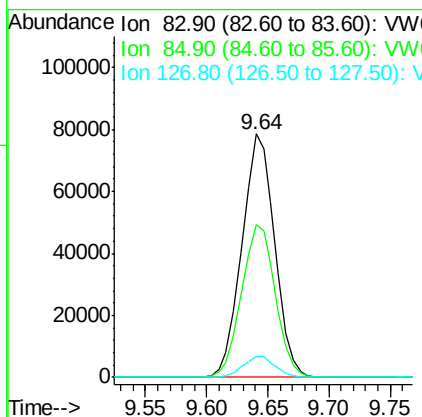
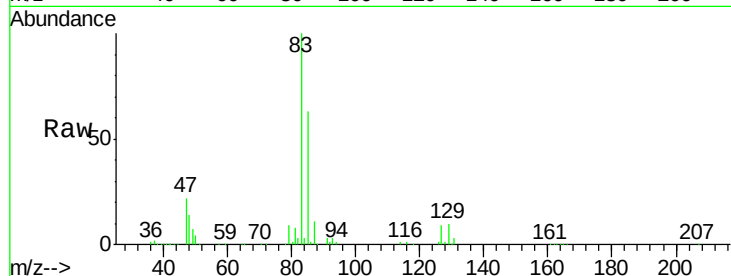
#47  
Bromodichloromethane  
Concen: 56.068 ug/l  
RT: 9.64 min Scan# 1269  
Delta R.T. -0.01 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 146245 |       |       |
| 85      | 62.8  |        | 50.2  | 75.2  |
| 127     | 8.5   |        | 6.6   | 9.8   |

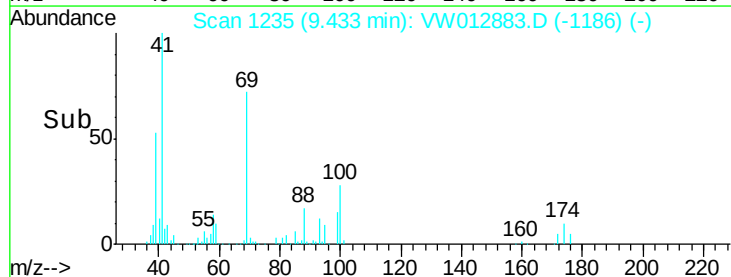
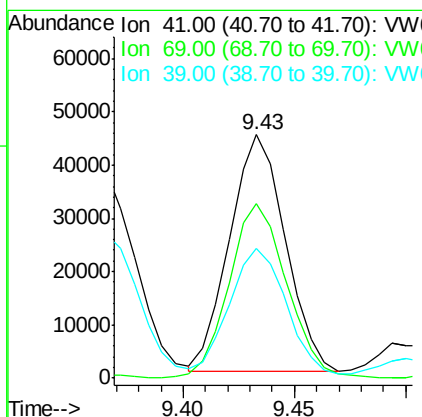
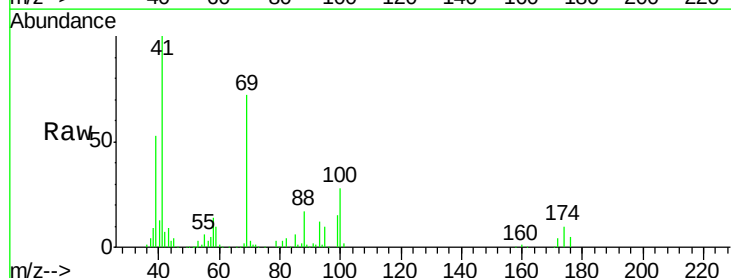
Manual Integrations  
APPROVED

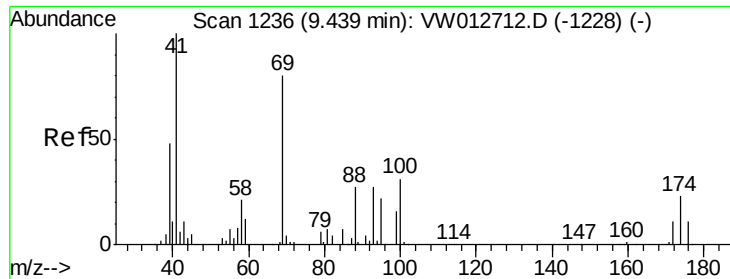
MMDadoda  
9/11/2019 9:26:36 AM



#48  
Methyl methacrylate  
Concen: 51.578 ug/l  
RT: 9.43 min Scan# 1235  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 77451 |       |       |
| 69      | 75.9  |       | 59.8  | 89.8  |
| 39      | 57.5  |       | 47.0  | 70.6  |





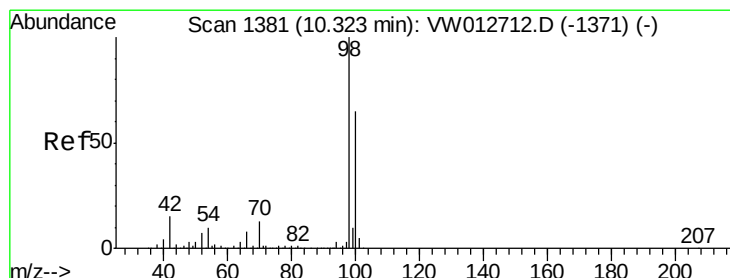
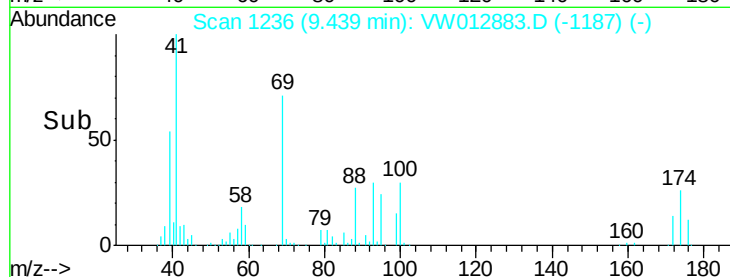
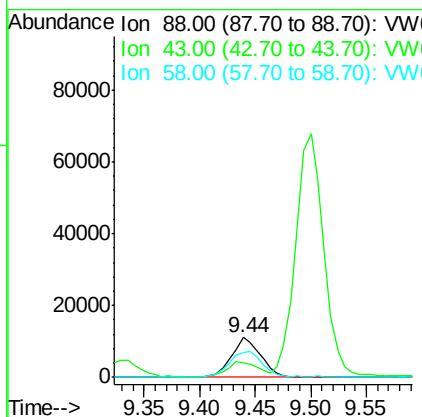
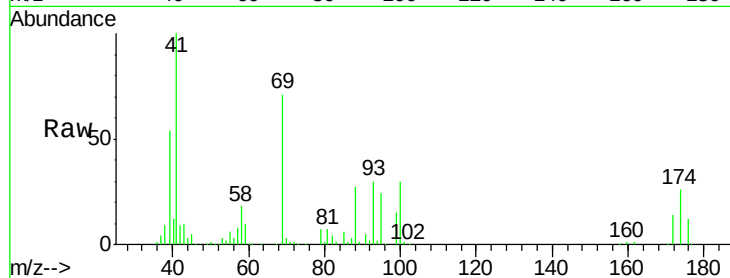
#49  
1,4-Dioxane  
Concen: 1094.613 ug/l  
RT: 9.44 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 88      | 100   | 20499 |       |       |
| 43      | 40.4  |       | 34.8  | 52.2  |
| 58      | 74.7  |       | 64.1  | 96.1  |

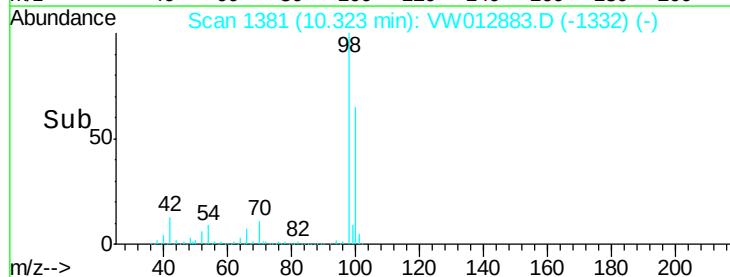
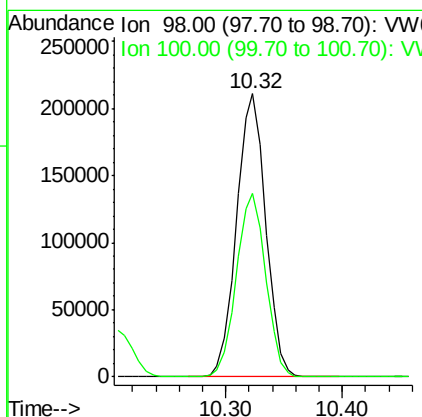
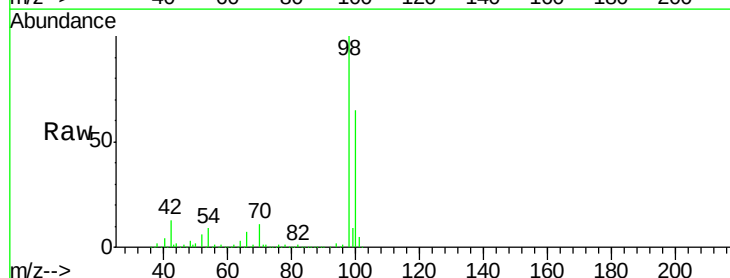
Manual Integrations  
APPROVED

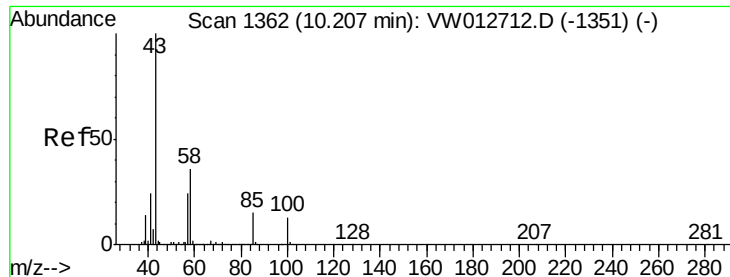
MMDadoda  
9/11/2019 9:26:36 AM



#50  
Toluene-d8  
Concen: 54.006 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 98      | 100   | 368341 |       |       |
| 100     | 65.0  |        | 52.2  | 78.4  |





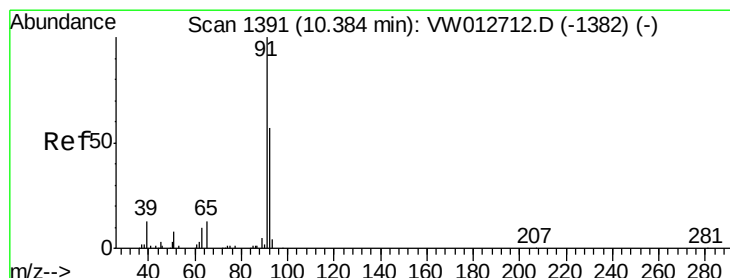
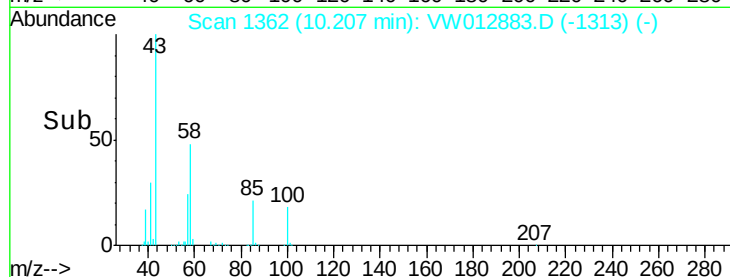
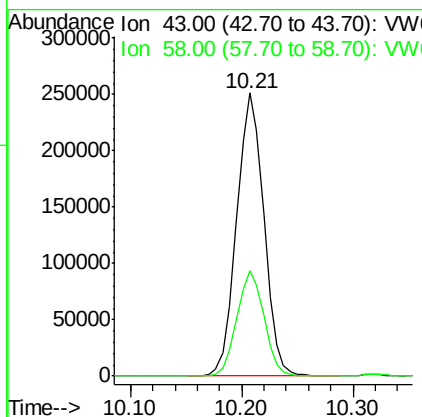
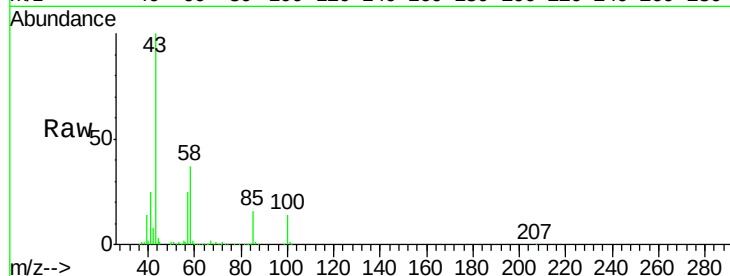
#51  
4-Methyl-2-Pentanone  
Concen: 258.084 ug/l  
RT: 10.21 min Scan# 1362  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 37.2  | 28.4  | 42.6  |

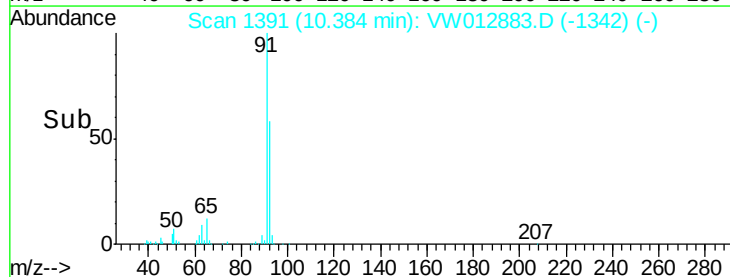
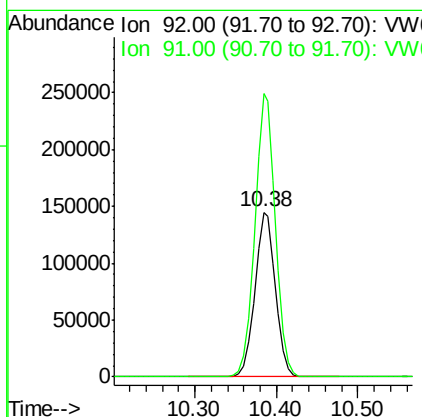
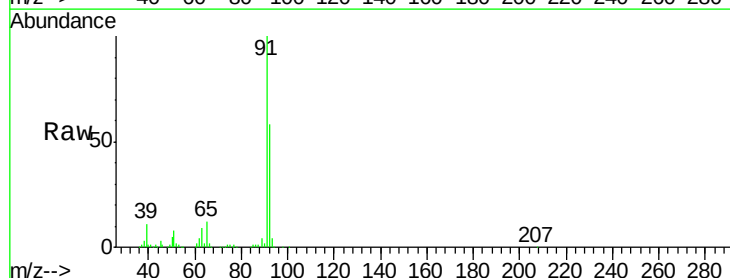
Manual Integrations  
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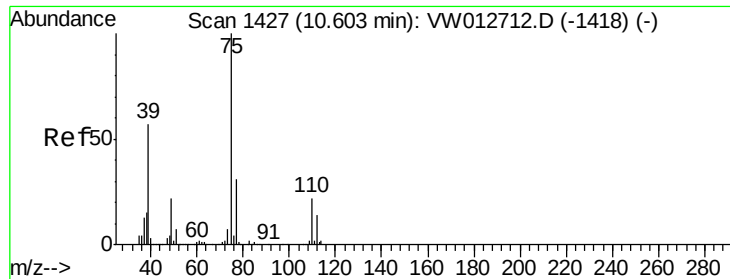
MMDadoda  
9/11/2019 9:26:36 AM



#52  
Toluene  
Concen: 56.620 ug/l  
RT: 10.38 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 171.7 | 137.0 | 205.4 |





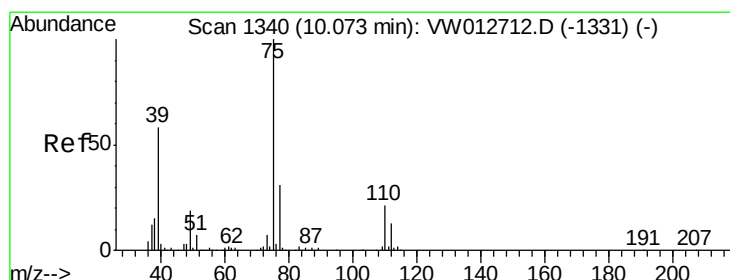
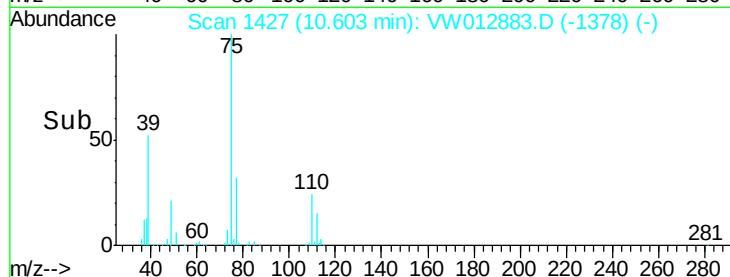
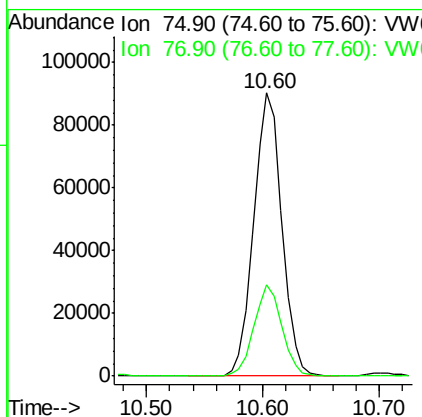
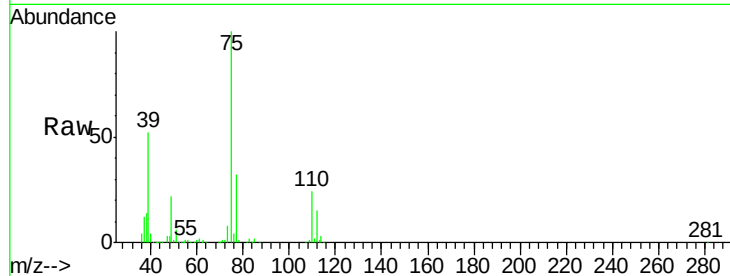
#53  
t-1,3-Dichloropropene  
Concen: 56.437 ug/l  
RT: 10.60 min Scan# 1427  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.0  | 24.7  | 37.1  |

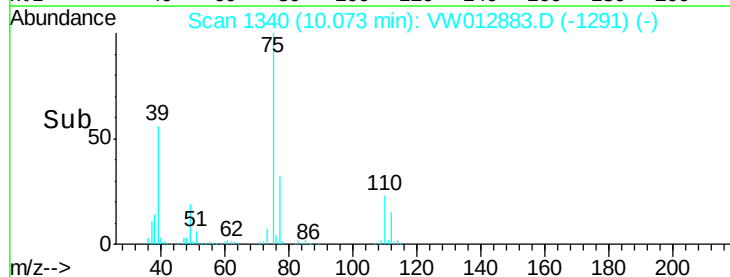
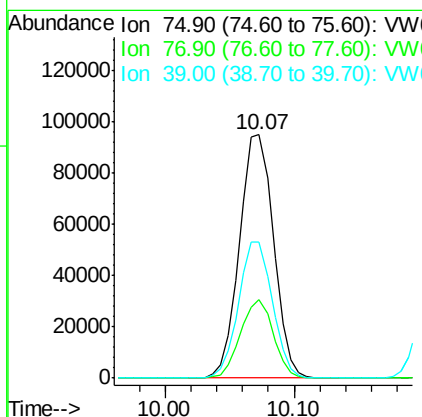
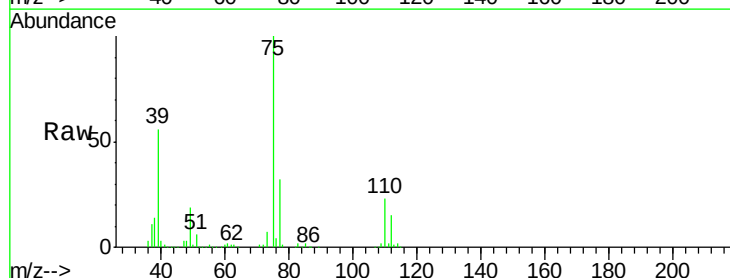
Manual Integrations  
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9/11/2019 9:26:36 AM

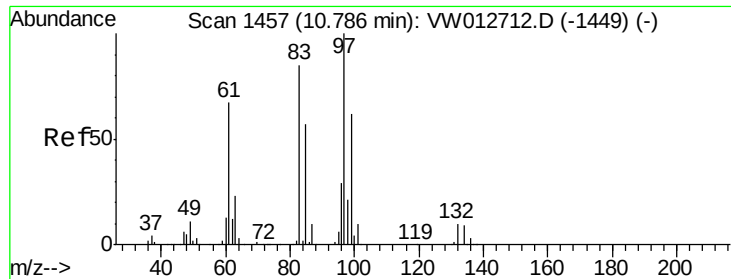


#54  
cis-1,3-Dichloropropene  
Concen: 57.288 ug/l  
RT: 10.07 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.1  | 24.6  | 36.8  |
| 39      | 55.8  | 46.3  | 69.5  |







#55

1,1,2-Trichloroethane

Concen: 57.339 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

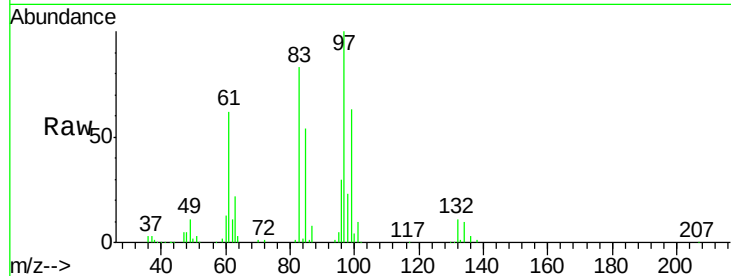
ClientSampled :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 81385 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.8  | 68.1  | 102.1 |
| 85       | 54.0  | 45.3  | 67.9  |
| 99       | 63.0  | 50.0  | 75.0  |

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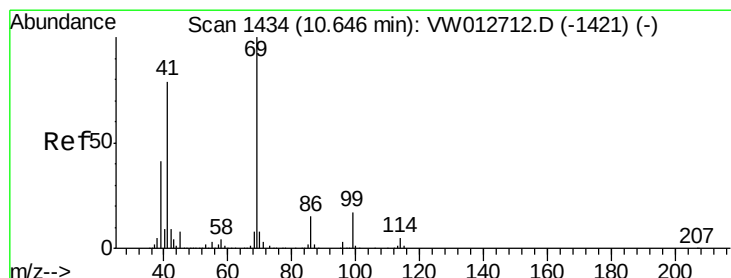
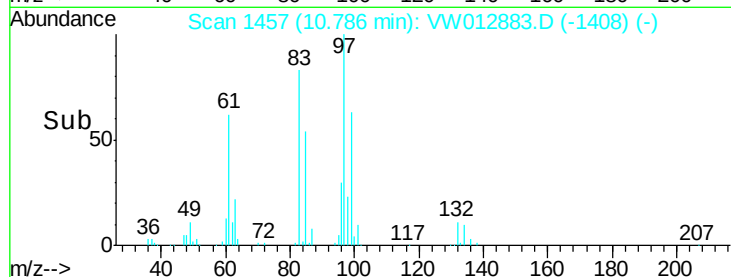
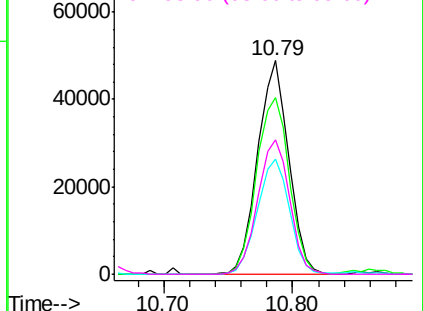


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 57.672 ug/l

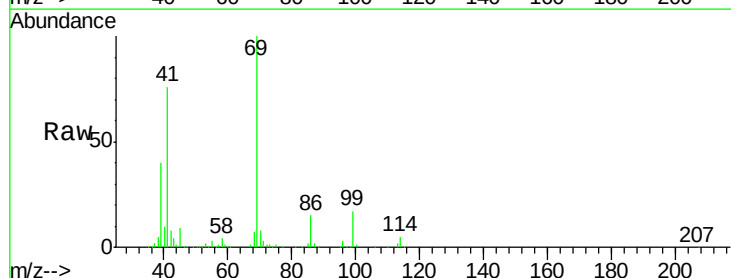
RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

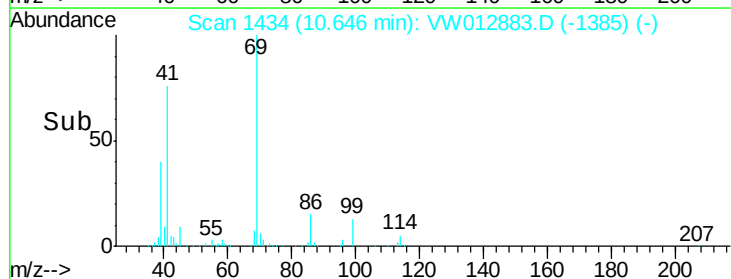
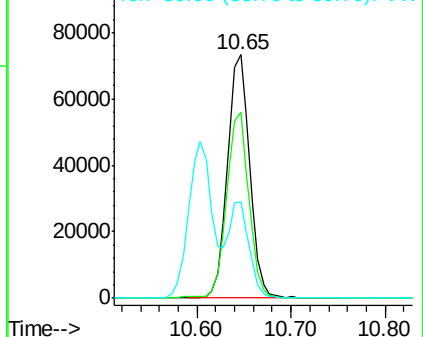
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 119824 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 77.2  | 64.4  | 96.6   |
| 39       | 34.9  | 31.1  | 46.7   |

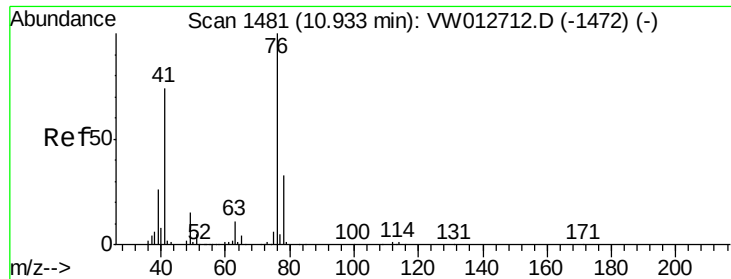


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





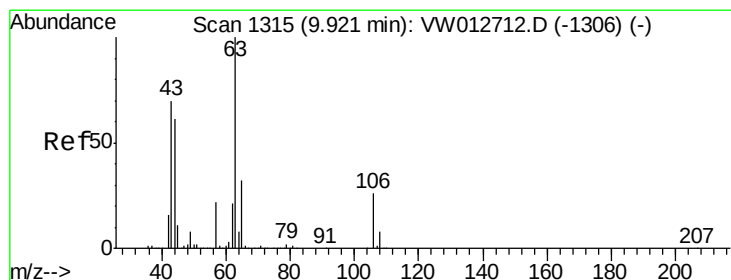
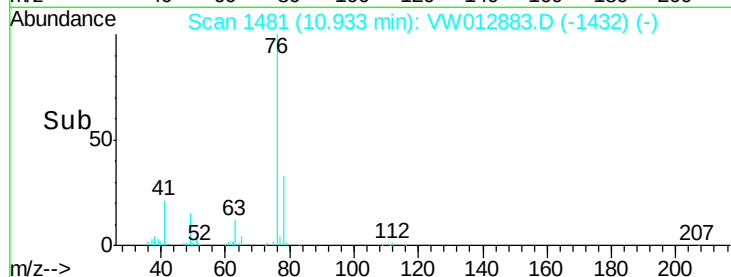
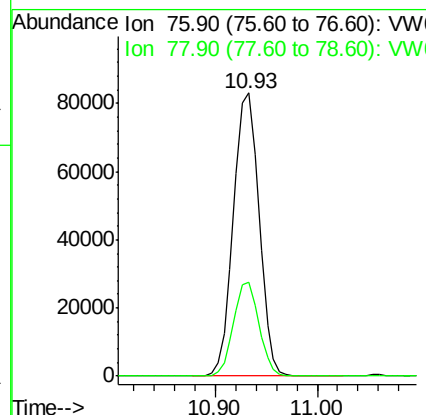
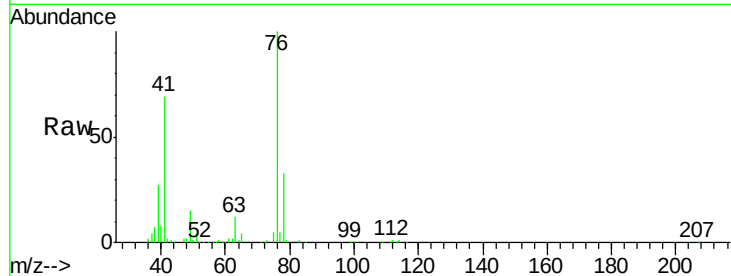
#57  
 1,3-Dichloropropane  
 Concen: 55.163 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.8  | 25.9  | 38.9  |

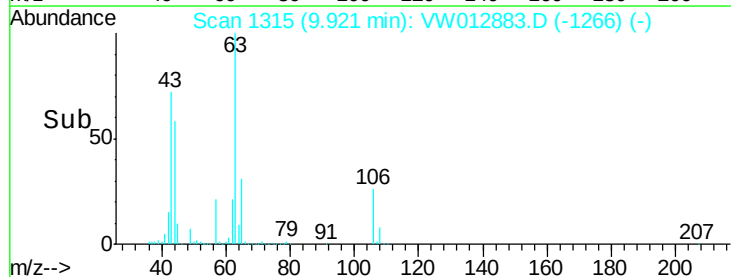
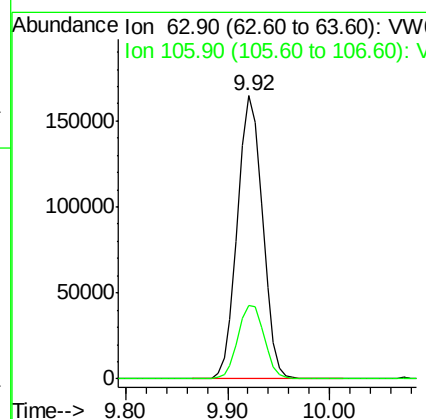
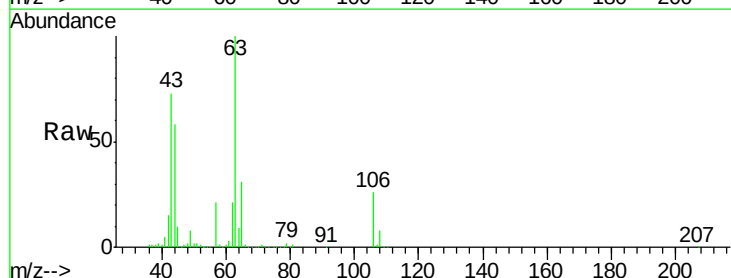
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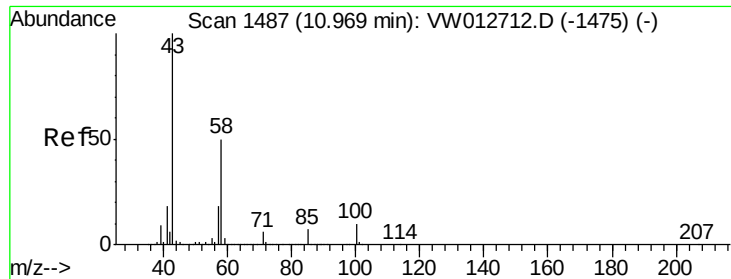
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 9/11/2019 9:26:36 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 253.878 ug/l  
 RT: 9.92 min Scan# 1315  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 27.2  | 20.5  | 30.7  |





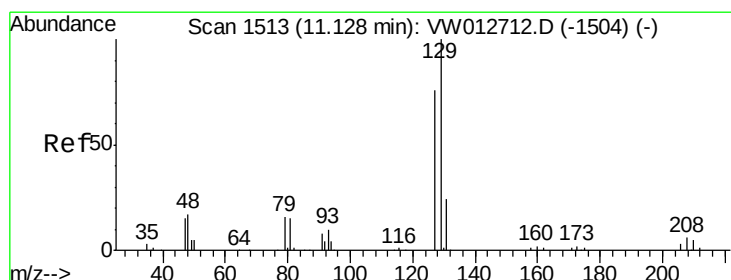
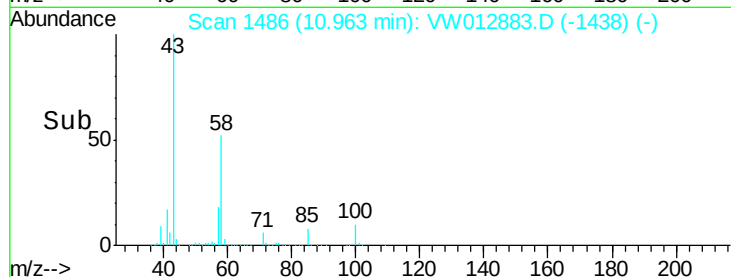
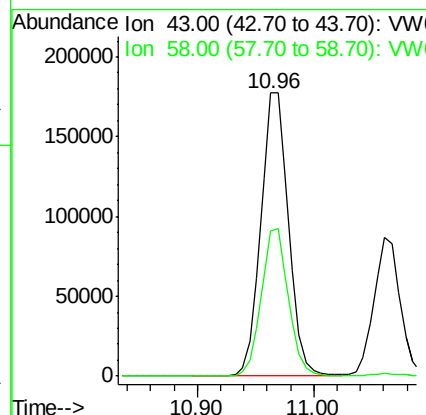
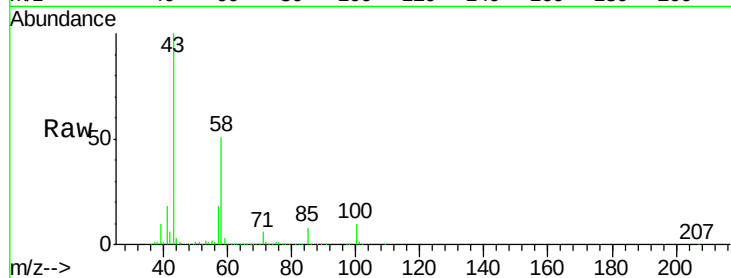
#59  
2-Hexanone  
Concen: 244.744 ug/l  
RT: 10.96 min Scan# 1486  
Delta R.T. -0.01 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 294818  
Ion Ratio Lower Upper  
43 100  
58 50.8 24.7 74.1

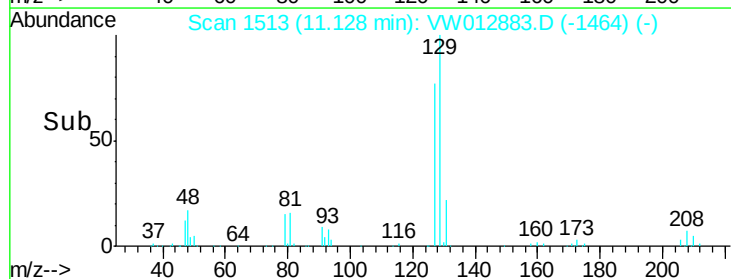
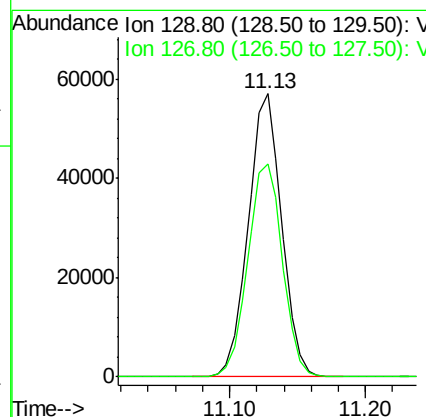
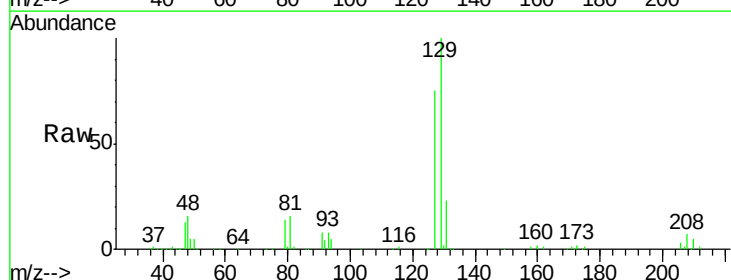
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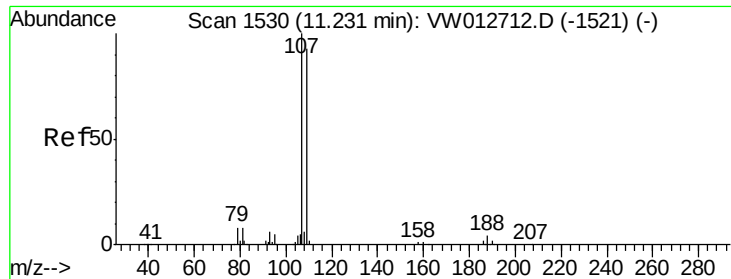
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#60  
Dibromochloromethane  
Concen: 58.767 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Tgt Ion: 129 Resp: 98099  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.6 115.8





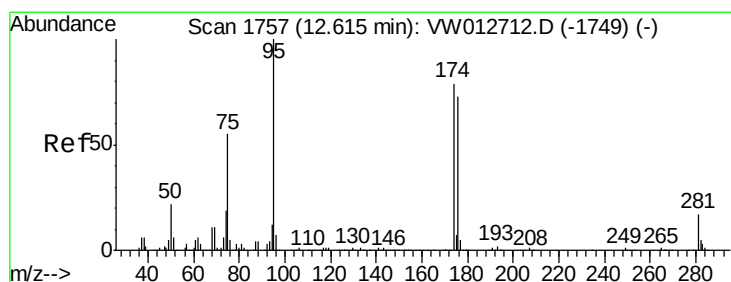
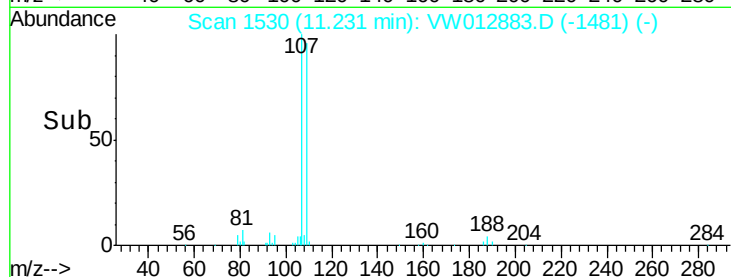
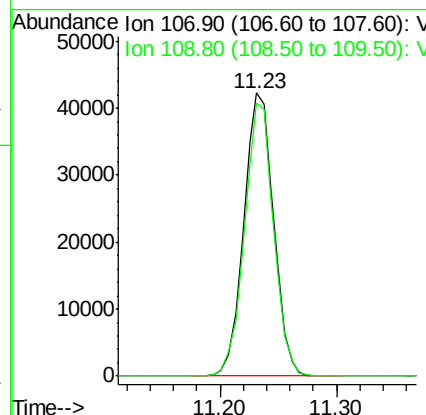
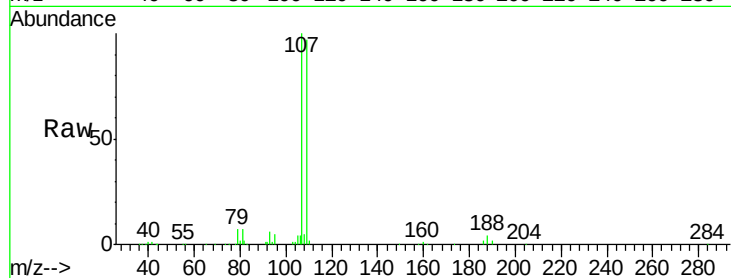
#61  
 1,2-Dibromoethane  
 Concen: 57.933 ug/l  
 RT: 11.23 min Scan# 1530  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.5  | 75.0  | 112.6 |

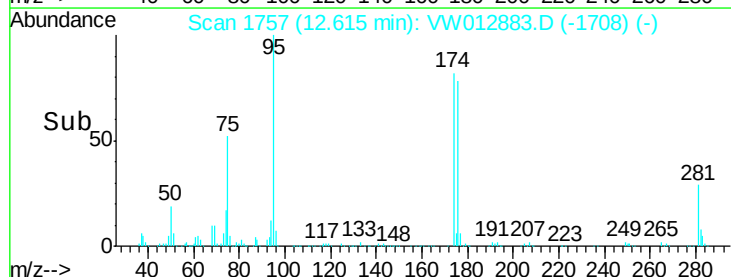
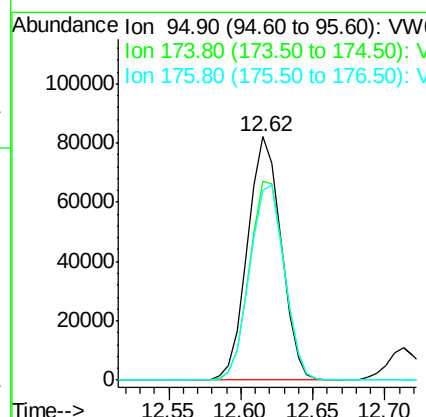
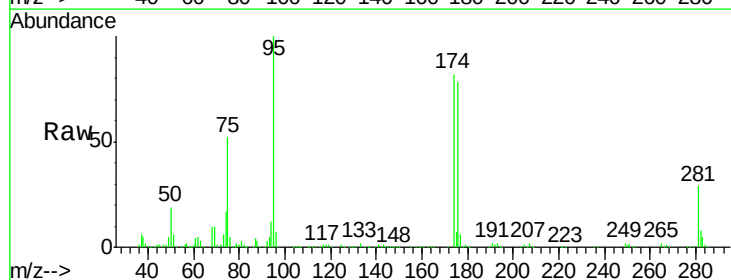
Manual Integrations  
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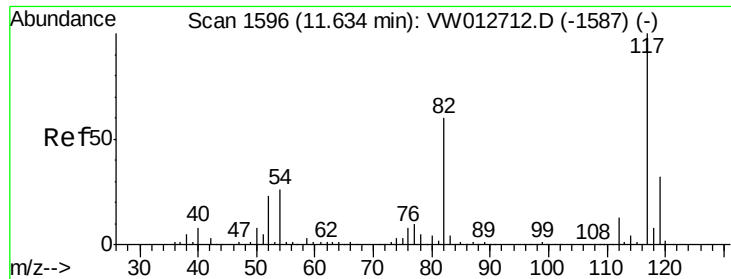
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 9/11/2019 9:26:36 AM



#62  
 4-Bromofluorobenzene  
 Concen: 53.557 ug/l  
 RT: 12.62 min Scan# 1757  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 84.4  | 0.0   | 161.0 |
| 176     | 82.6  | 0.0   | 156.4 |





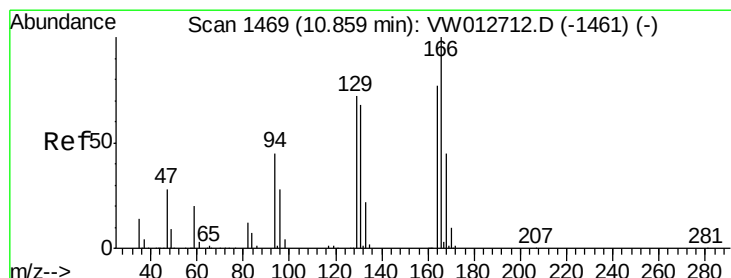
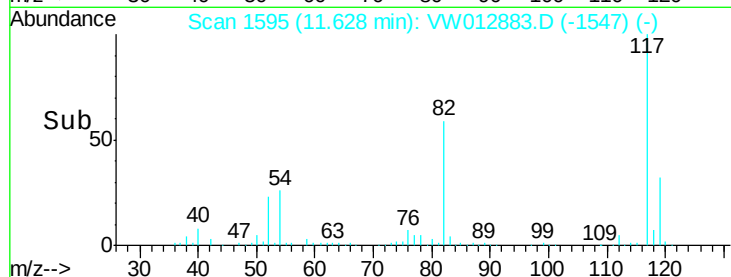
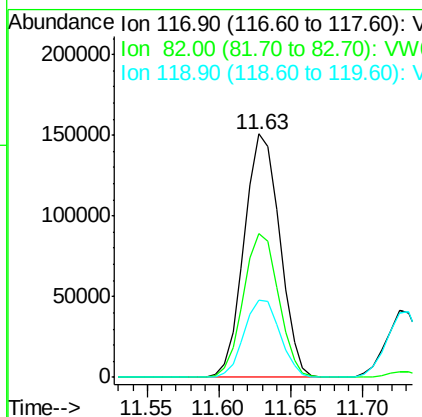
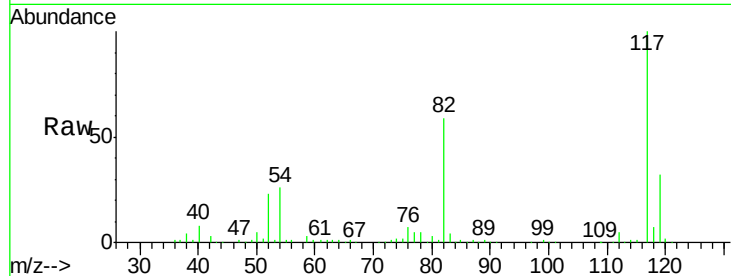
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1595  
Delta R.T. -0.01 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 58.8  | 48.2  | 72.4  |
| 119     | 31.9  | 25.8  | 38.6  |

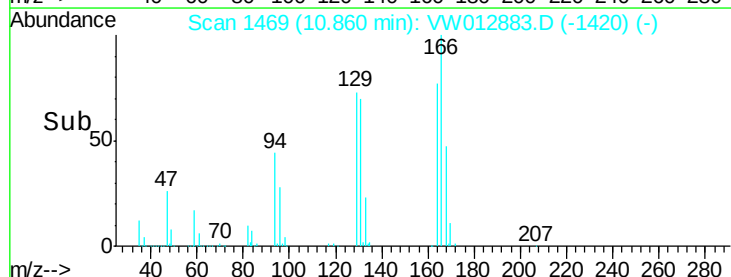
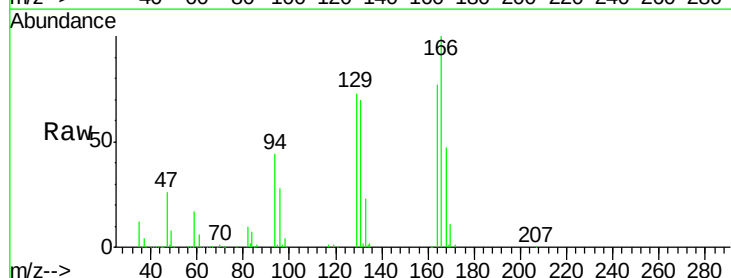
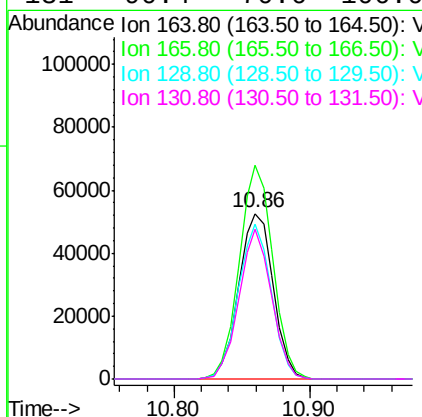
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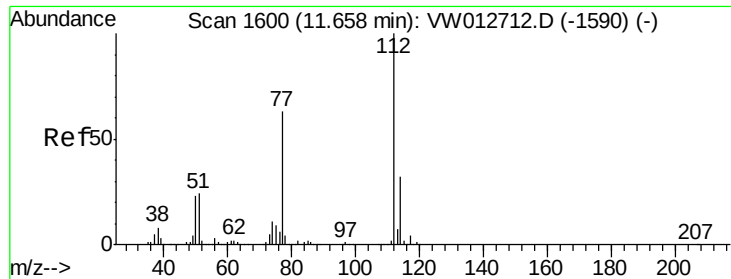
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 59.313 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.3 | 103.6 | 155.4 |
| 129     | 93.8  | 74.6  | 112.0 |
| 131     | 90.4  | 70.6  | 106.0 |





#65

Chlorobenzene

Concen: 57.458 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 280517

Ion Ratio Lower Upper

112 100

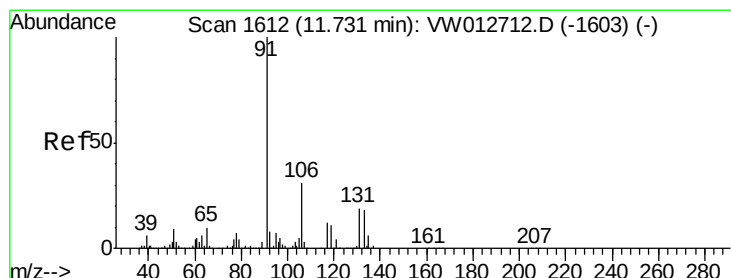
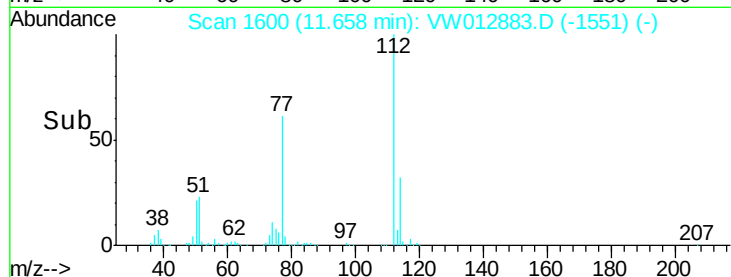
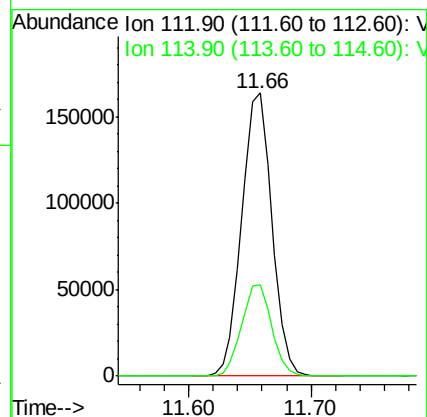
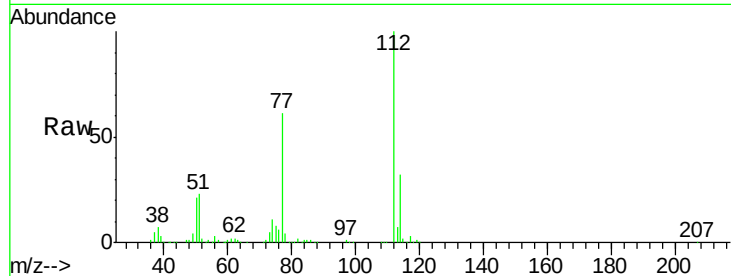
114 32.2 25.3 37.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 59.001 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

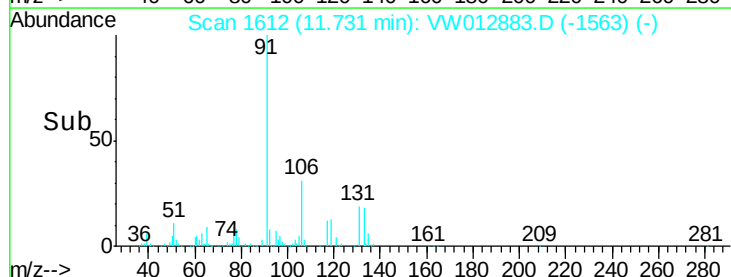
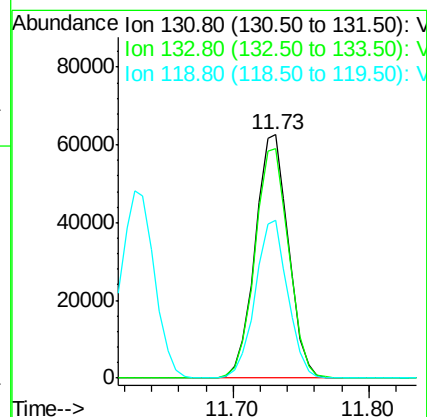
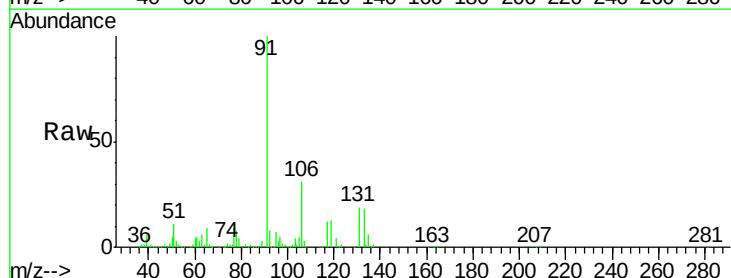
Tgt Ion:131 Resp: 107270

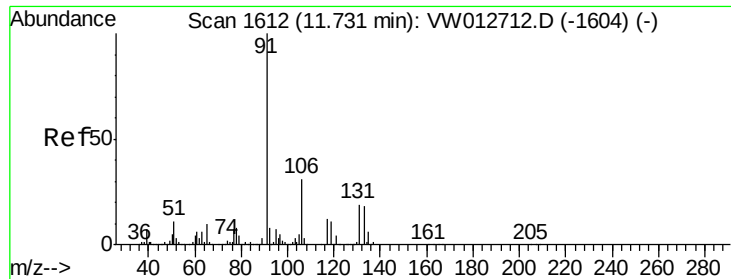
Ion Ratio Lower Upper

131 100

133 96.2 47.6 142.8

119 63.5 30.6 92.0





#67

Ethyl Benzene

Concen: 56.275 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 515484

Ion Ratio Lower Upper

91 100

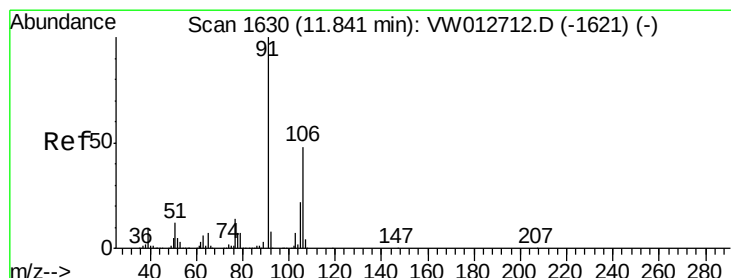
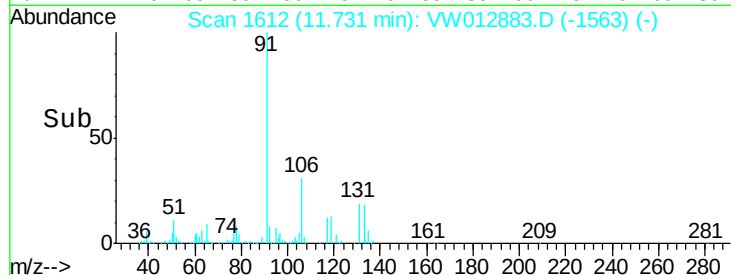
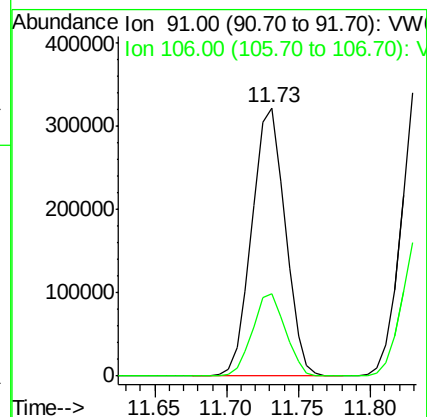
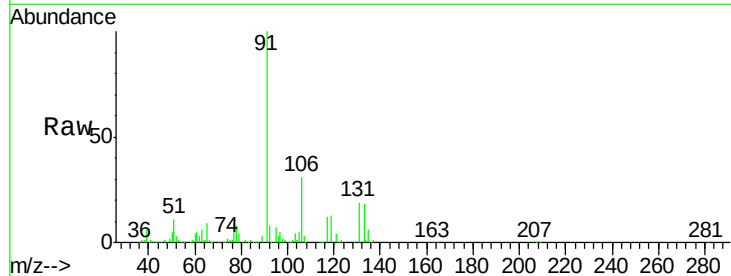
106 30.5 24.4 36.6

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#68

m/p-Xylenes

Concen: 115.205 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW012883.D

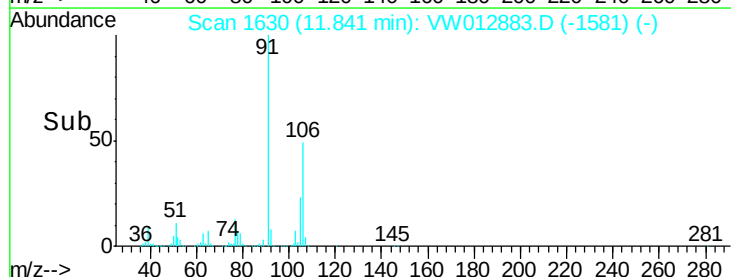
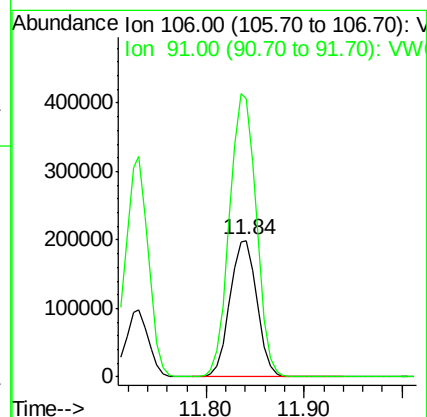
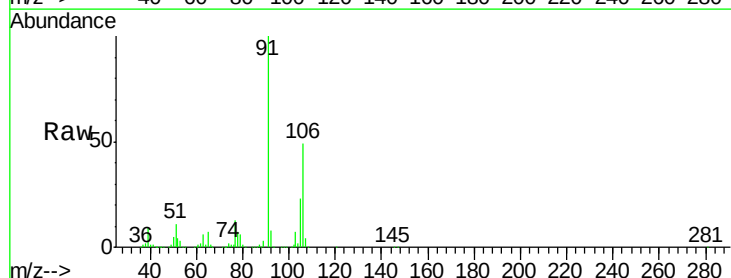
Acq: 10 Sep 2019 22:00

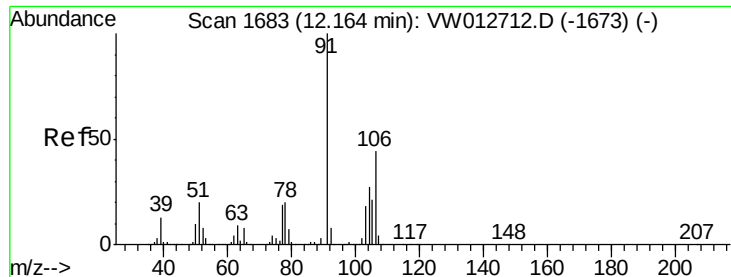
Tgt Ion: 106 Resp: 380910

Ion Ratio Lower Upper

106 100

91 206.7 168.2 252.4





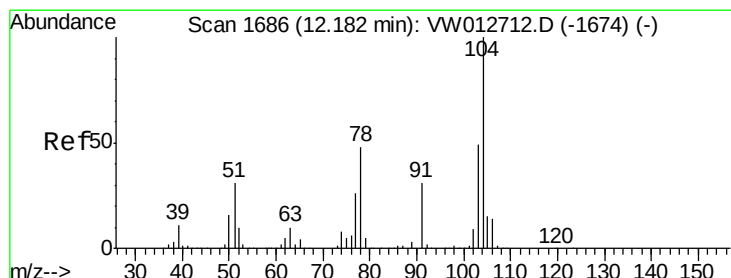
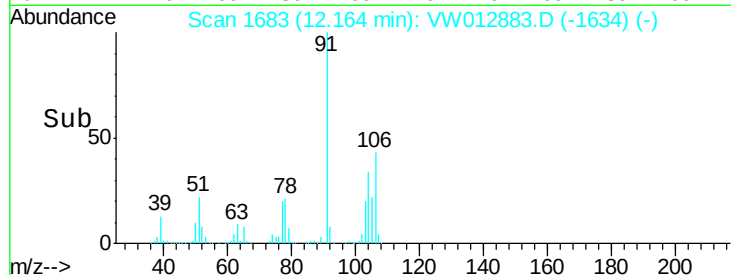
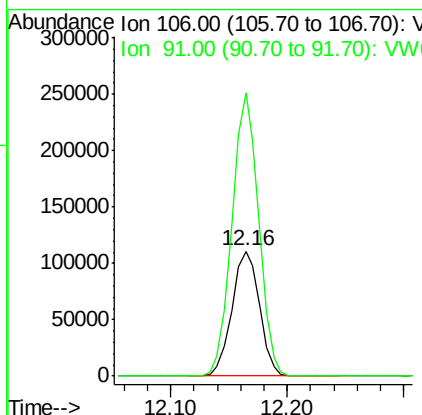
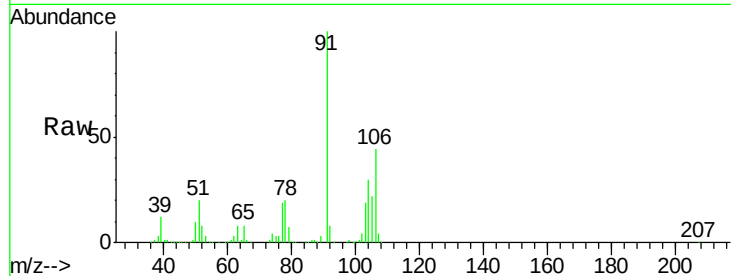
#69  
o-Xylene  
Concen: 58.333 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 106     | 106 | 100   | 181959 |       |       |
| 91      | 91  | 220.0 | 112.3  | 336.8 |       |

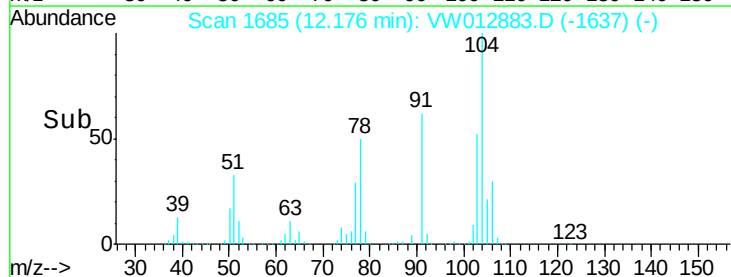
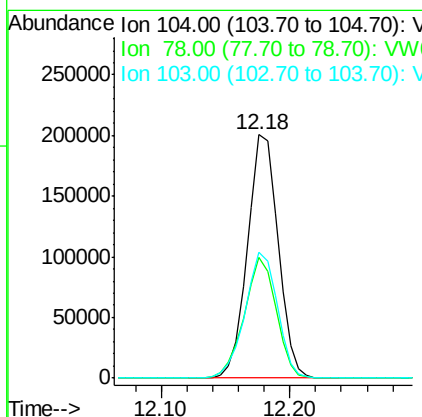
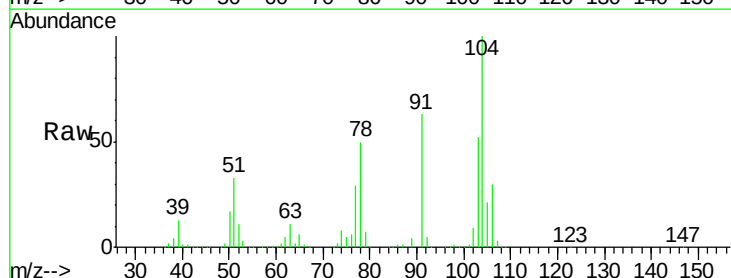
Manual Integrations  
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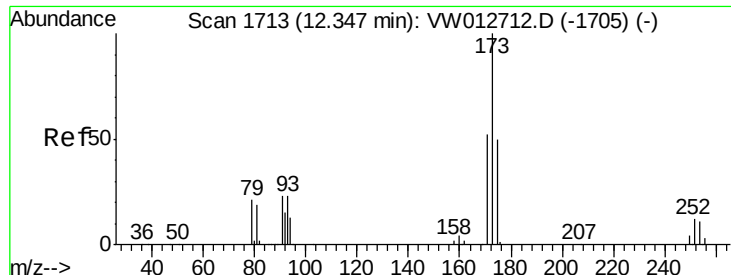


#70  
Styrene  
Concen: 59.670 ug/l  
RT: 12.18 min Scan# 1685  
Delta R.T. -0.01 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 104     | 104 | 100   | 328904 |       |       |
| 78      | 78  | 52.0  | 43.3   | 64.9  |       |
| 103     | 103 | 54.8  | 44.0   | 66.0  |       |







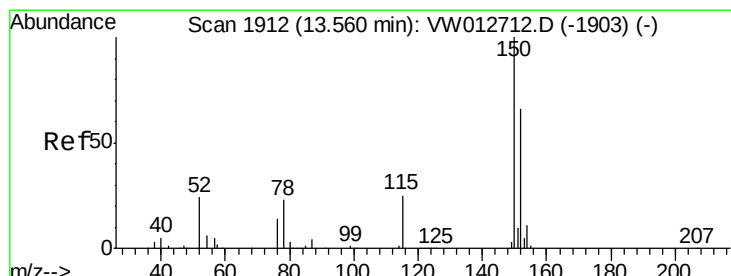
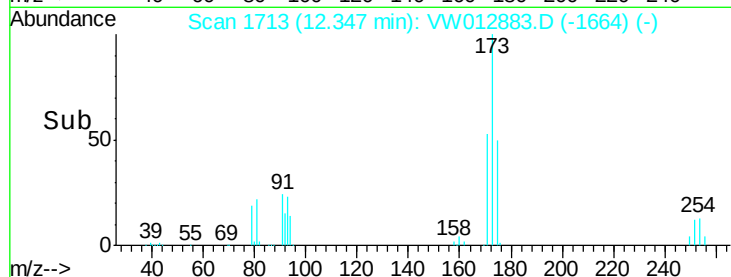
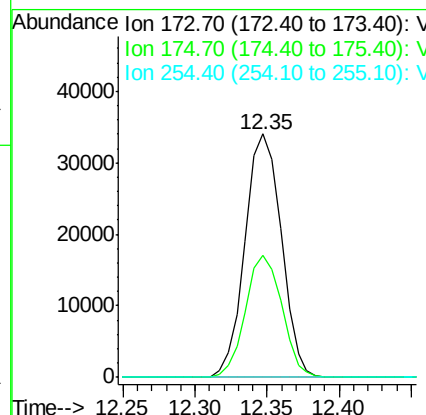
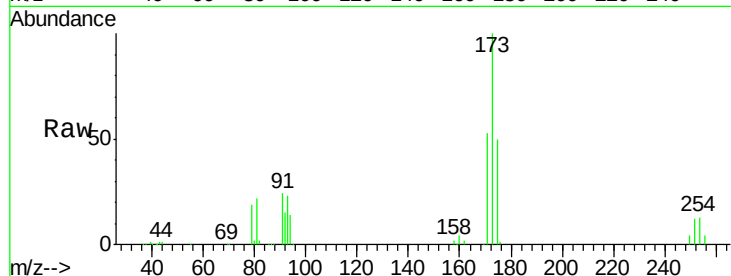
#71  
Bromoform  
Concen: 58.921 ug/l  
RT: 12.35 min Scan# 1713  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.2  | 24.8  | 74.3  |
| 254     | 0.0   | 0.1   | 0.1#  |

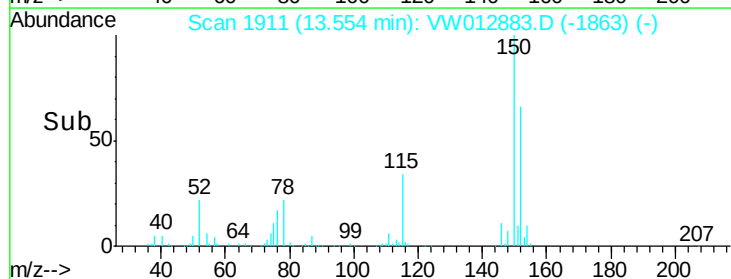
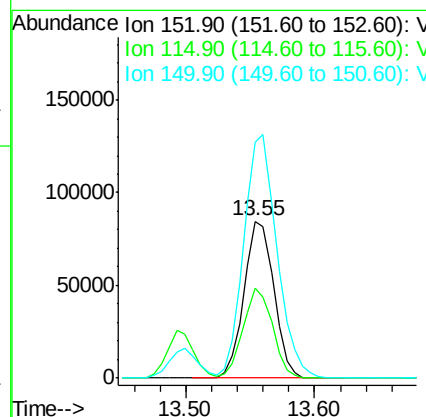
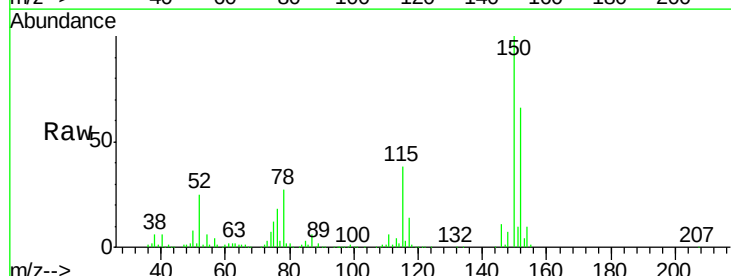
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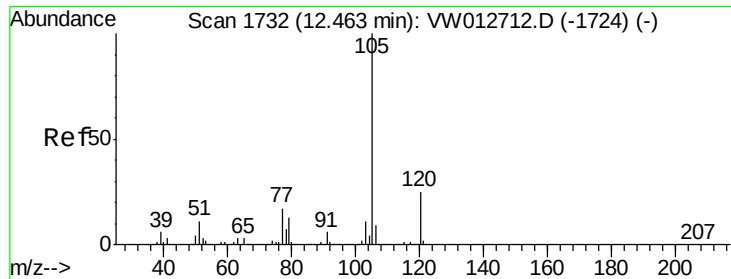
MMDadoda  
9/11/2019 9:26:36 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.55 min Scan# 1911  
Delta R.T. -0.01 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 56.3  | 30.0  | 90.1  |
| 150     | 172.5 | 0.0   | 349.0 |





#73

Isopropylbenzene

Concen: 53.566 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 519653

Ion Ratio Lower Upper

105 100

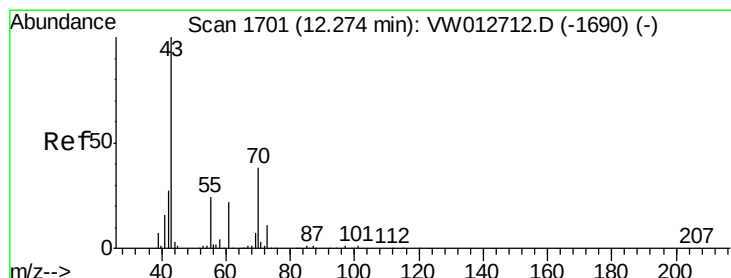
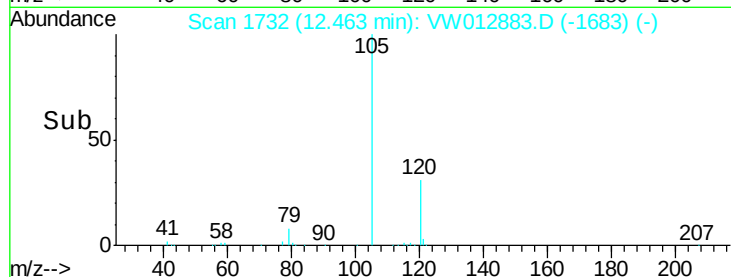
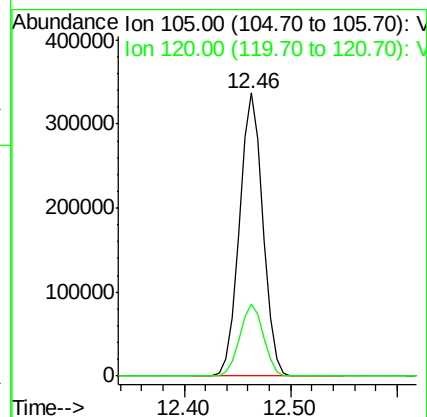
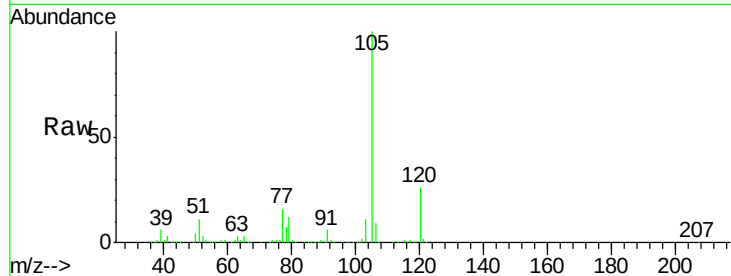
120 25.9 13.0 38.9

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#74

N-ethyl acetate

Concen: 48.770 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Tgt Ion: 43 Resp: 150177

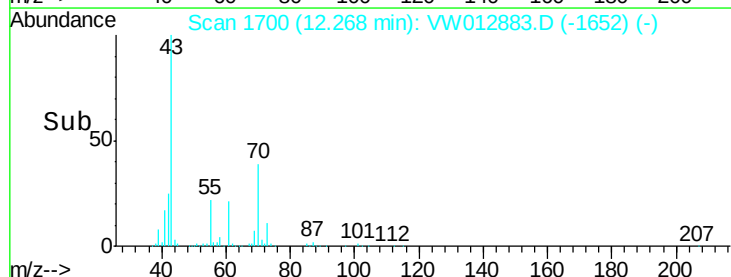
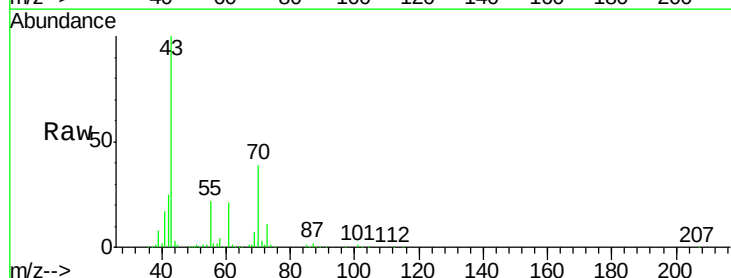
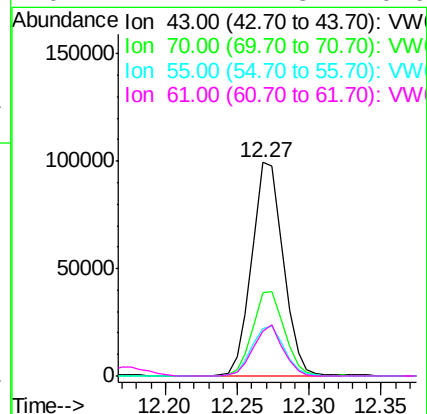
Ion Ratio Lower Upper

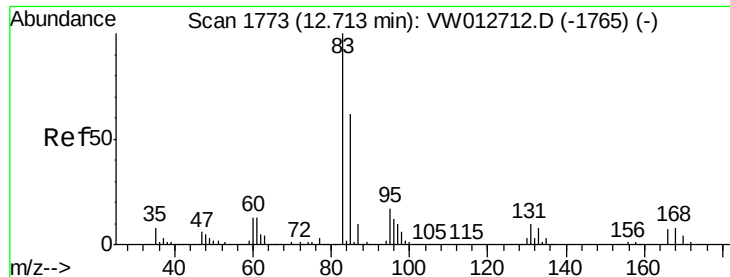
43 100

70 39.9 29.4 44.0

55 24.0 18.6 27.8

61 22.7 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.435 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

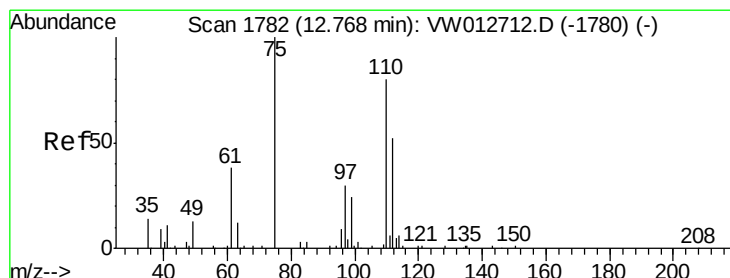
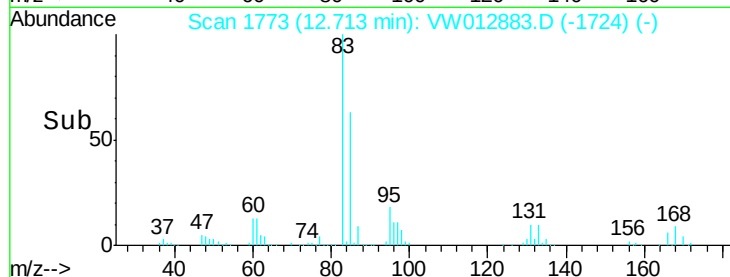
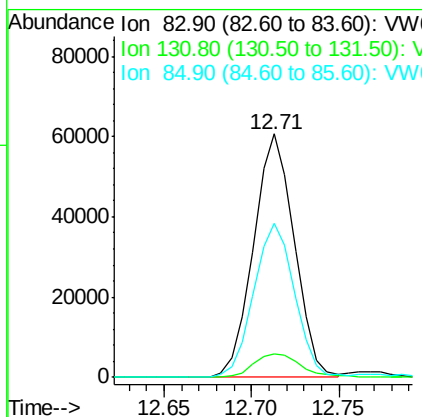
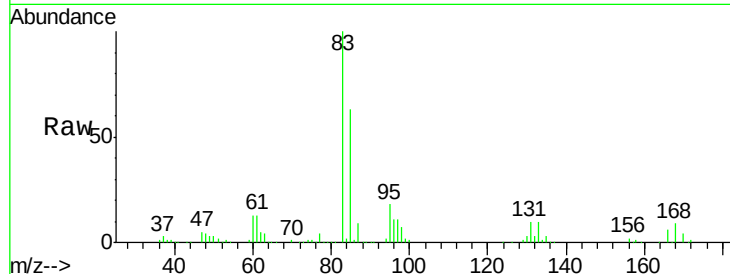
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 98261 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.2  | 5.1   | 15.4  |
| 85        | 63.5  | 31.4  | 94.2  |

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#76

1,2,3-Trichloropropane

Concen: 57.141 ug/l m

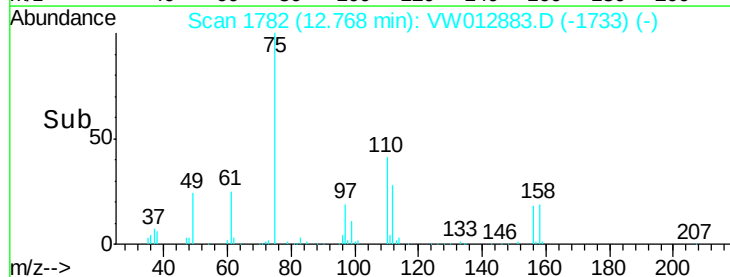
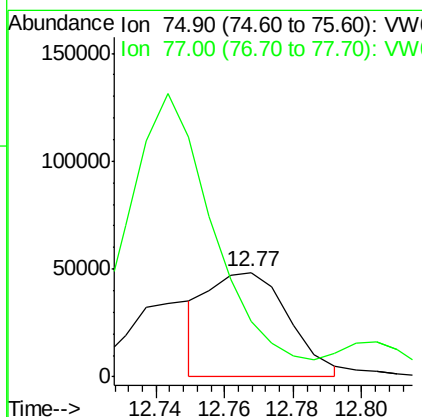
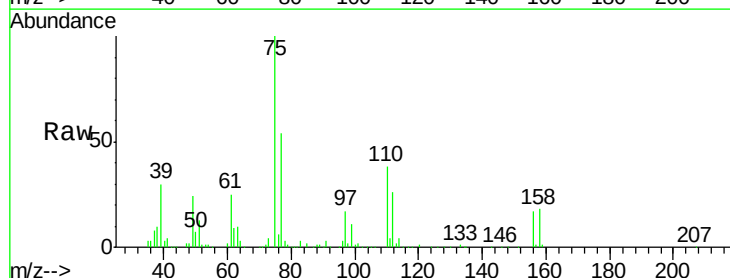
RT: 12.77 min Scan# 1782

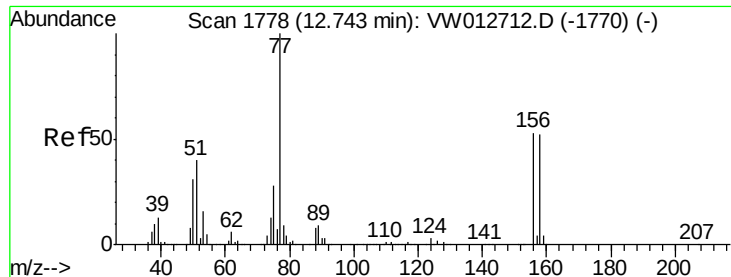
Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 79032 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 56.017 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

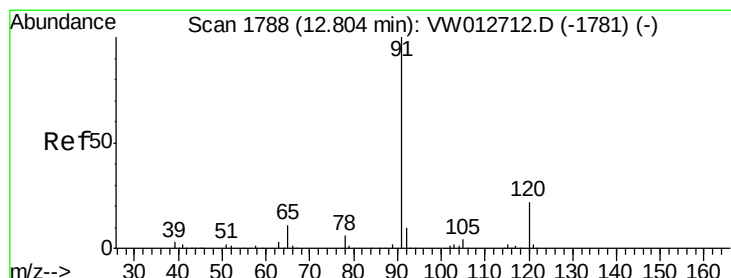
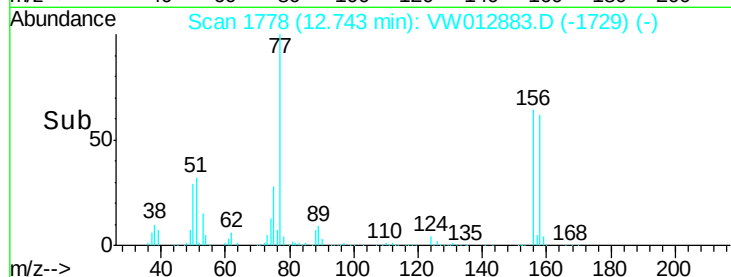
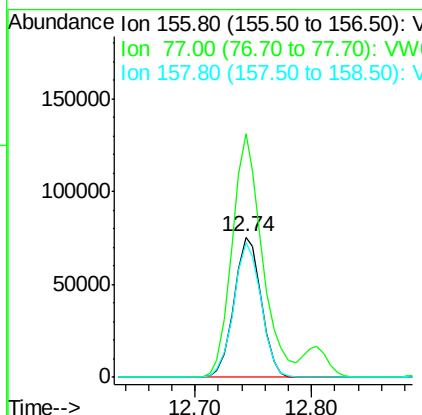
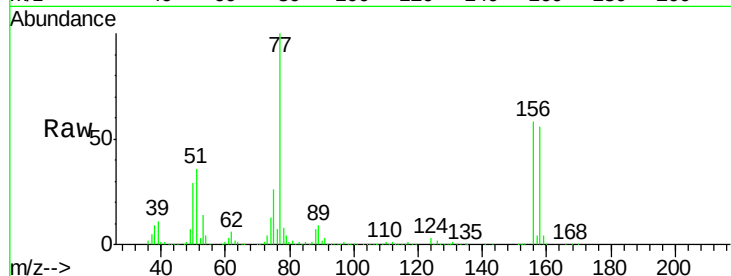
ClientSampled :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 123119 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 191.3 | 102.3 | 306.9  |
| 158       | 97.0  | 48.9  | 146.8  |

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#78

n-propylbenzene

Concen: 52.583 ug/l

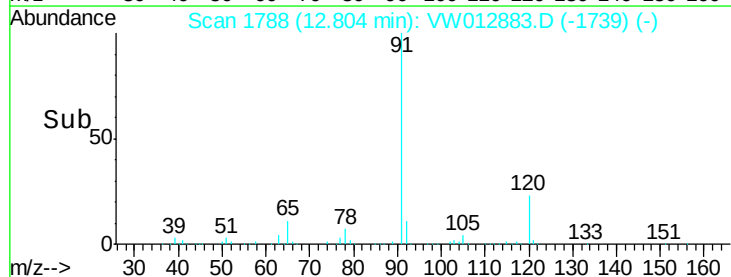
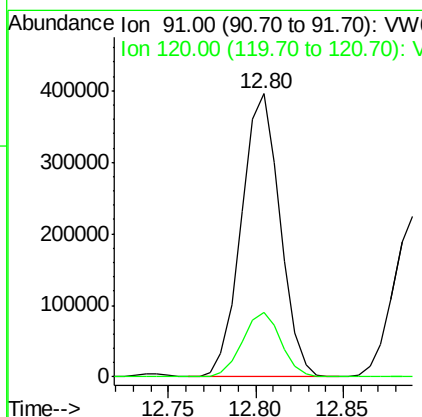
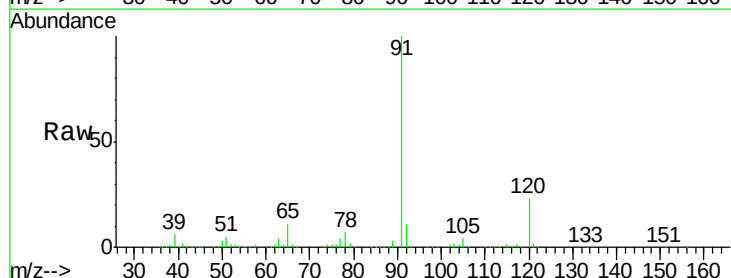
RT: 12.80 min Scan# 1788

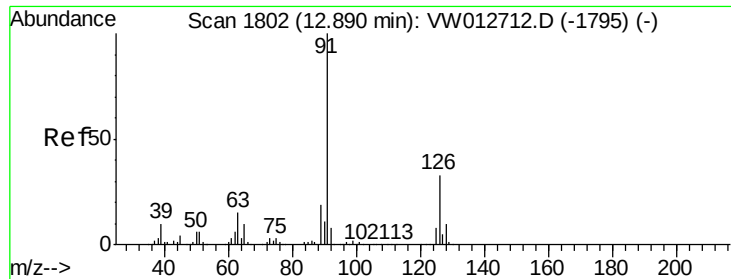
Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 610098 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.7  | 11.0  | 33.0   |





#79

2-Chlorotoluene

Concen: 53.429 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 355876

Ion Ratio Lower Upper

91 100

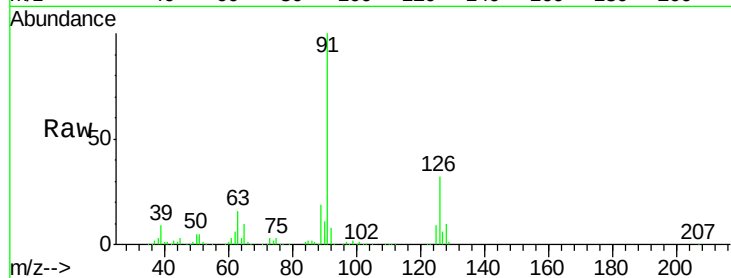
126 32.5 16.1 48.3

Manual Integrations

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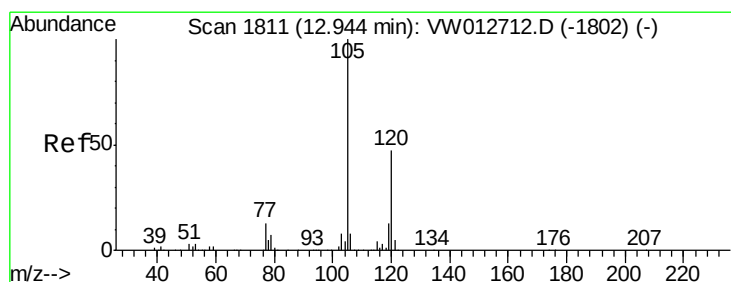
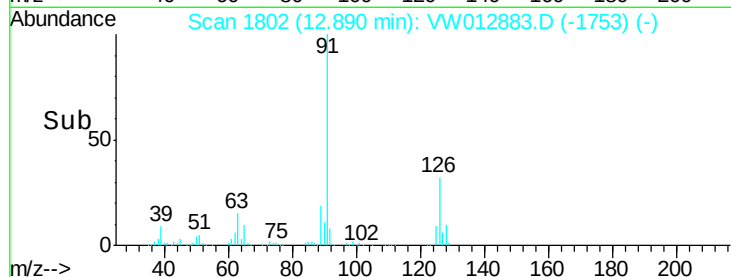
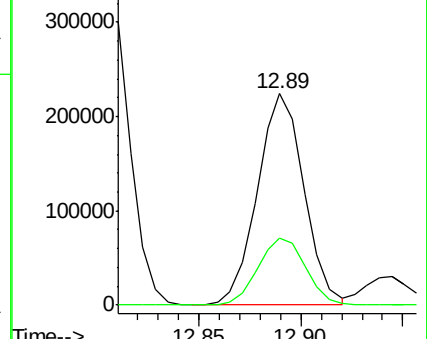
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.799 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012883.D

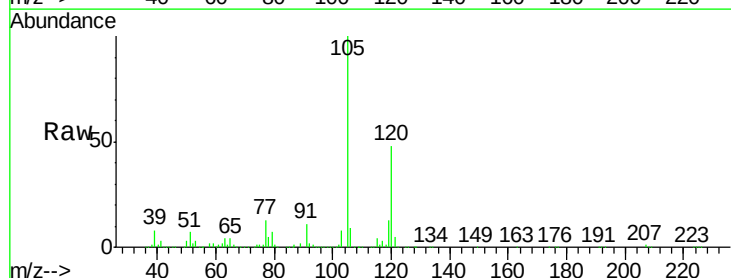
Acq: 10 Sep 2019 22:00

Tgt Ion:105 Resp: 447964

Ion Ratio Lower Upper

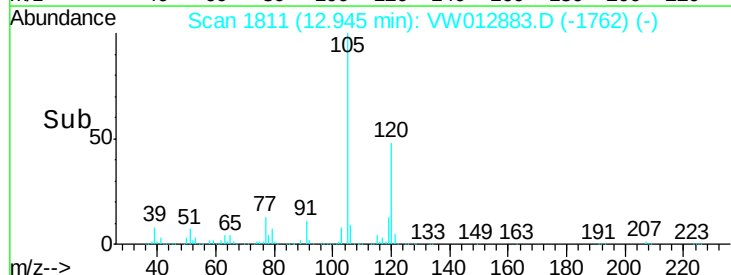
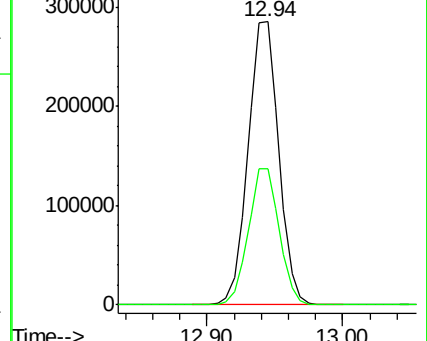
105 100

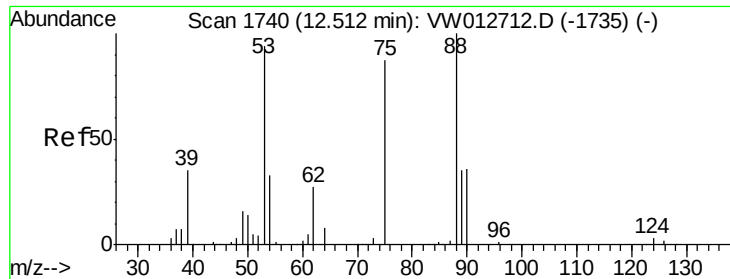
120 48.6 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.951 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

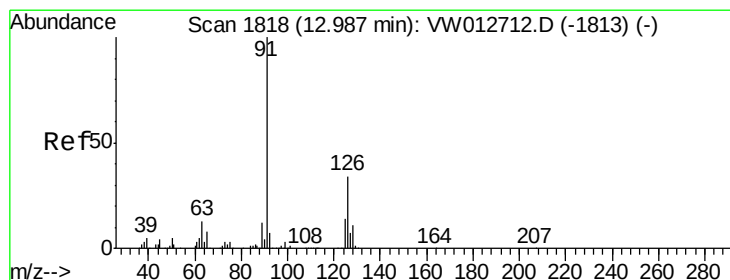
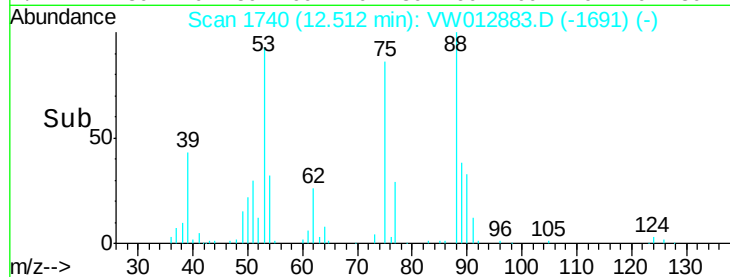
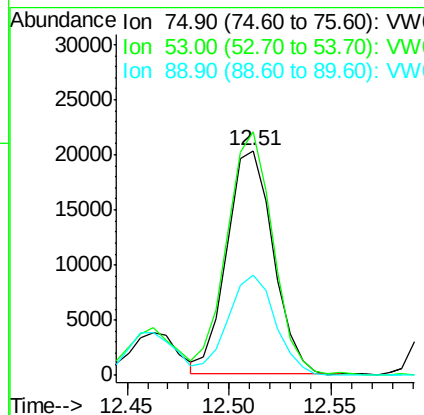
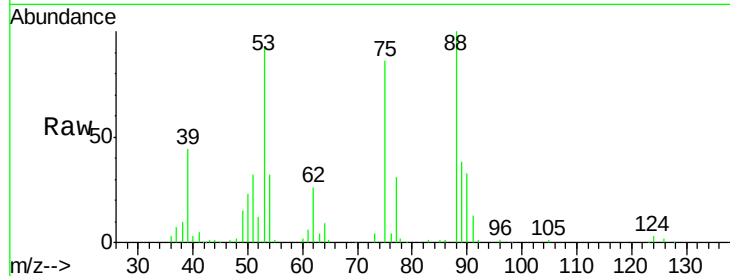
ClientSampled :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 32010 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 108.3 | 87.6  | 131.4 |
| 89       | 46.2  | 35.5  | 53.3  |

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#82

4-Chlorotoluene

Concen: 53.126 ug/l

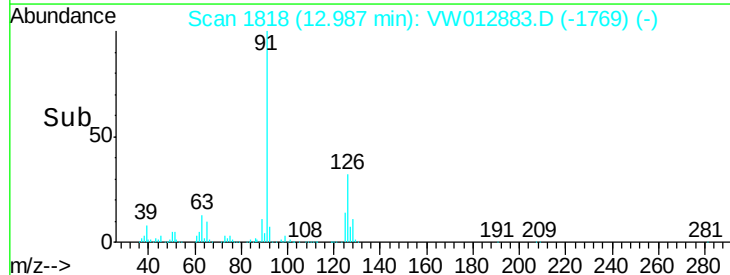
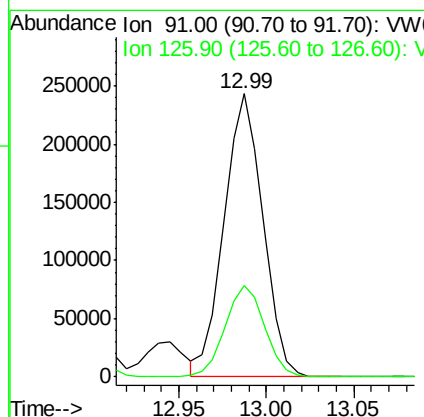
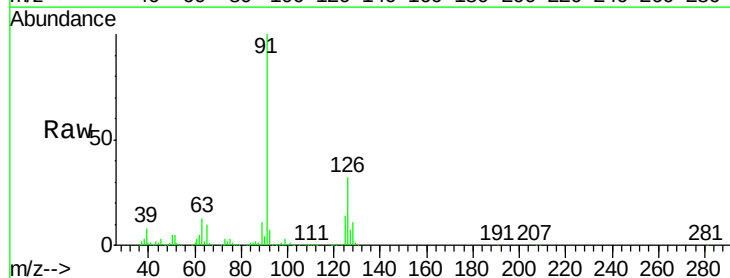
RT: 12.99 min Scan# 1818

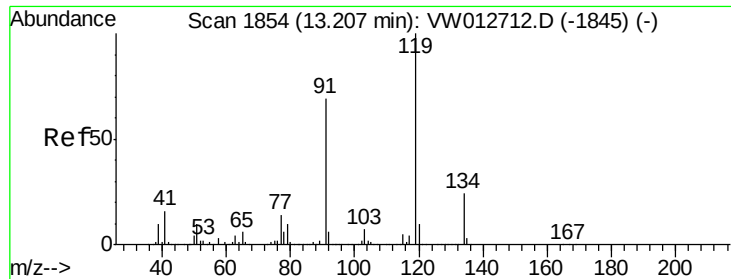
Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 374300 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 32.9  | 15.9  | 47.6   |





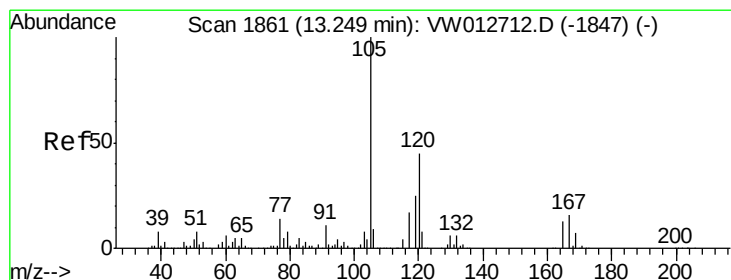
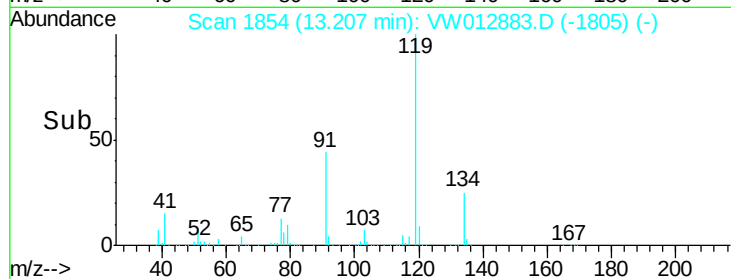
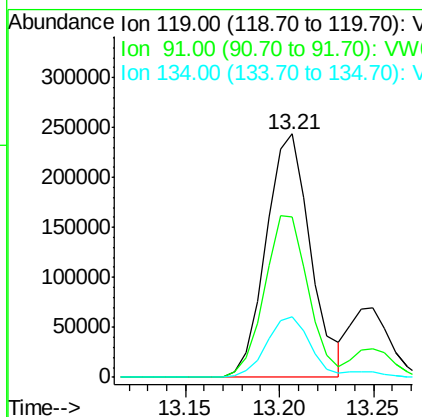
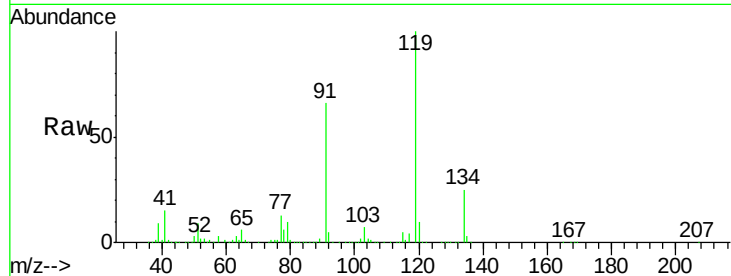
#83  
 tert-Butylbenzene  
 Concen: 55.159 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 398690 |       |       |
| 91      | 65.3  | 34.2   | 102.5 |       |
| 134     | 26.3  | 12.3   | 36.9  |       |

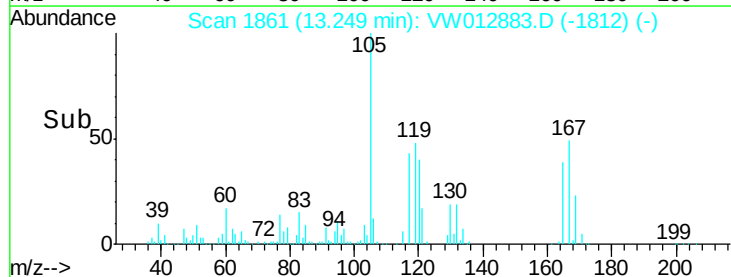
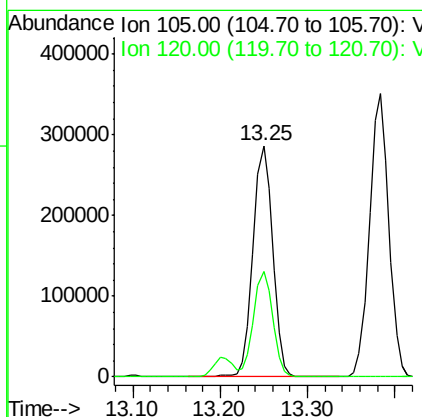
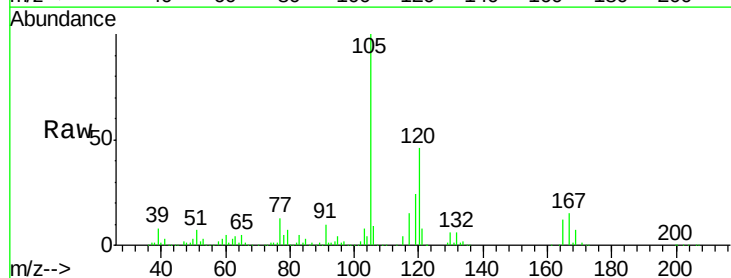
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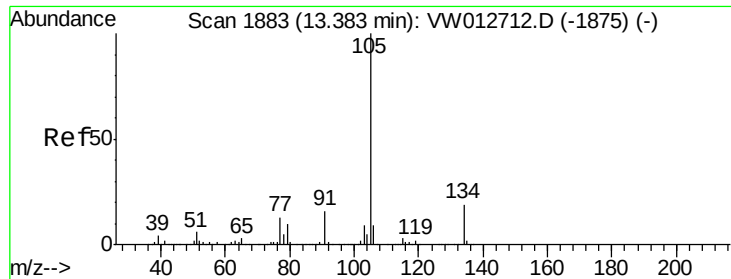
MMDadoda  
 9/11/2019 9:26:36 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 54.260 ug/l  
 RT: 13.25 min Scan# 1861  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 446942 |       |       |
| 120     | 44.9  | 22.1   | 66.3  |       |





#85

sec-Butylbenzene

Concen: 53.939 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 541005

Ion Ratio Lower Upper

105 100

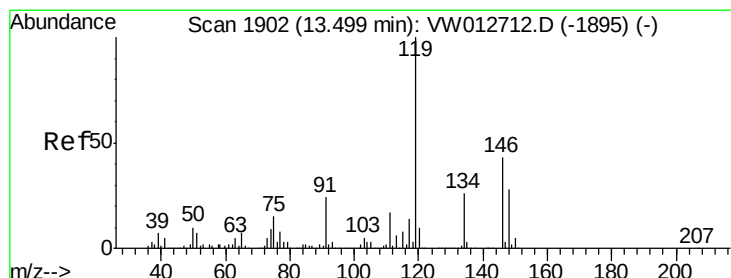
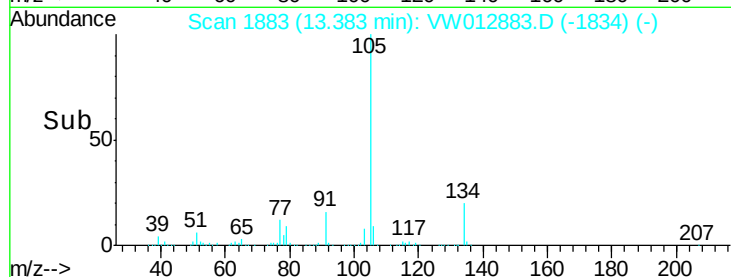
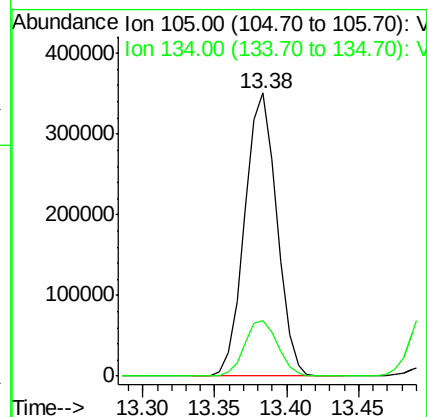
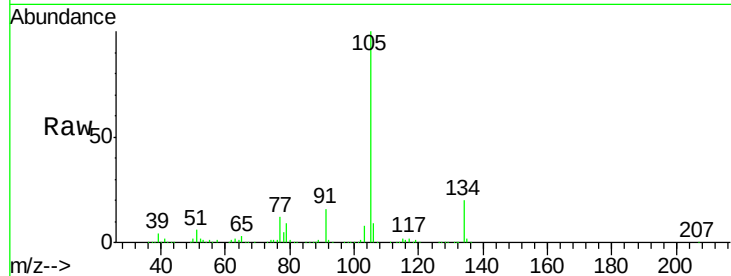
134 20.2 9.8 29.3

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#86

p-Isopropyltoluene

Concen: 54.967 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

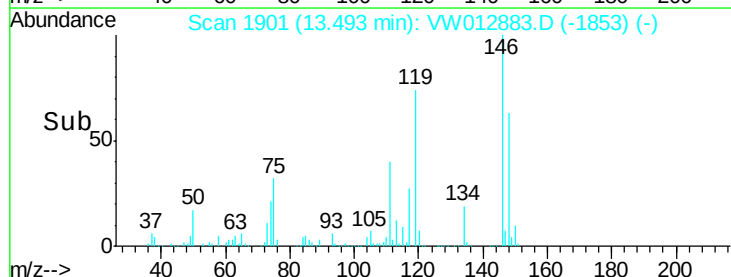
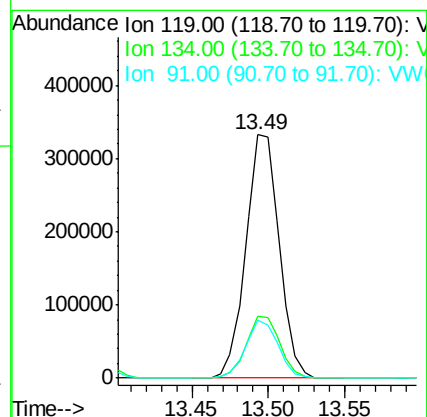
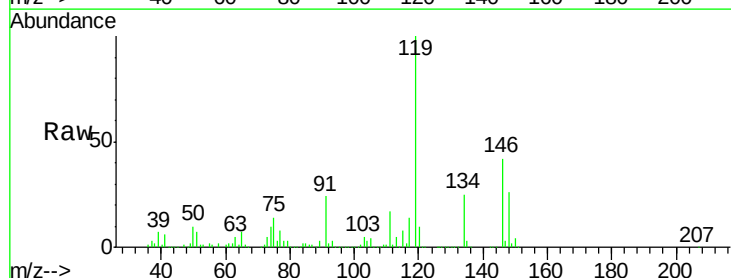
Tgt Ion:119 Resp: 503582

Ion Ratio Lower Upper

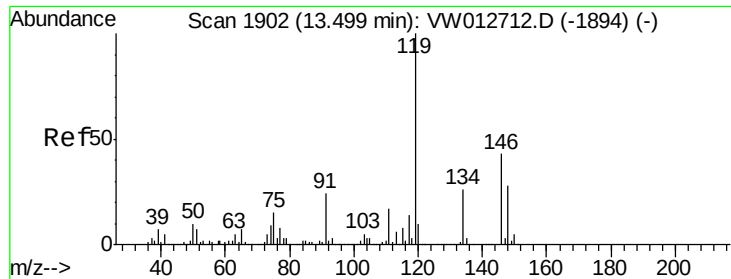
119 100

134 25.6 12.7 38.1

91 23.1 12.2 36.6







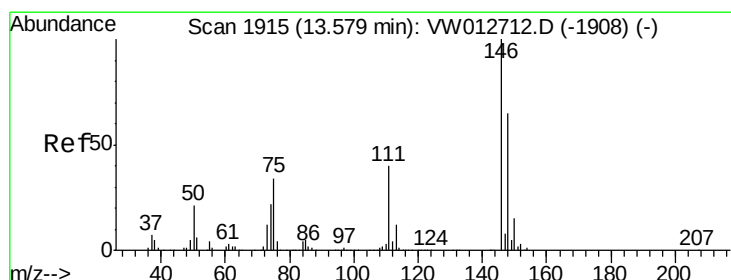
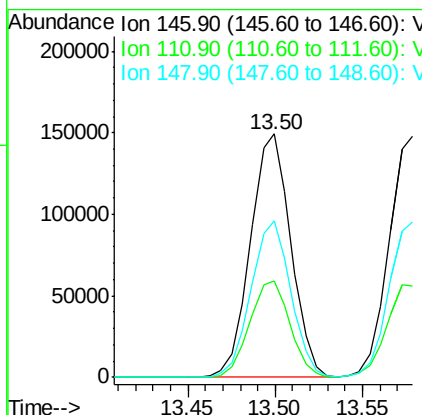
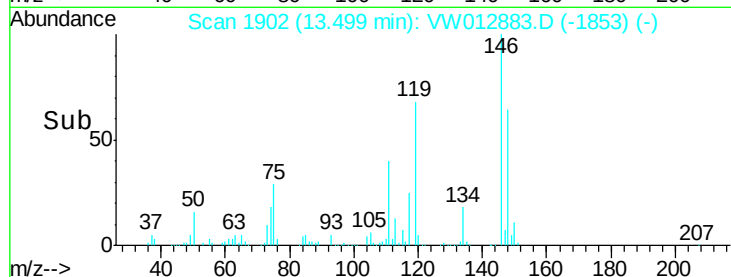
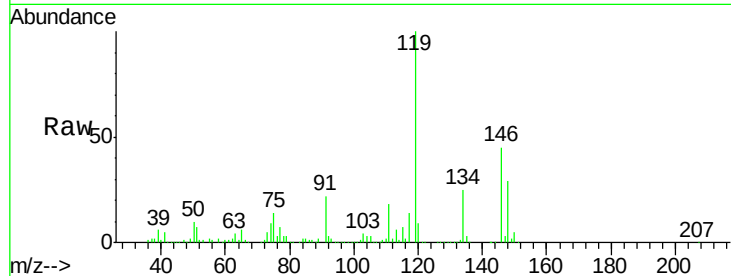
#87  
 1,3-Dichlorobenzene  
 Concen: 55.699 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 240625 |       |       |
| 111     | 39.8  | 20.4   | 61.2  |       |
| 148     | 63.6  | 31.8   | 95.4  |       |

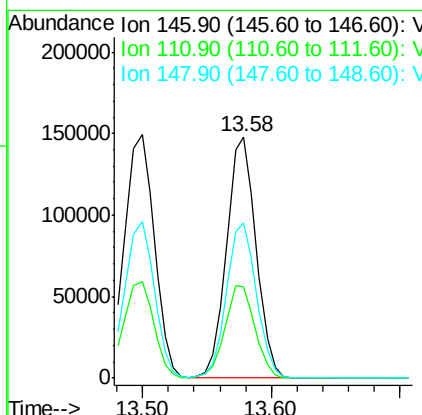
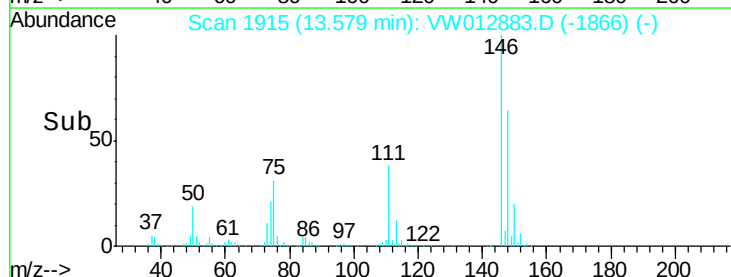
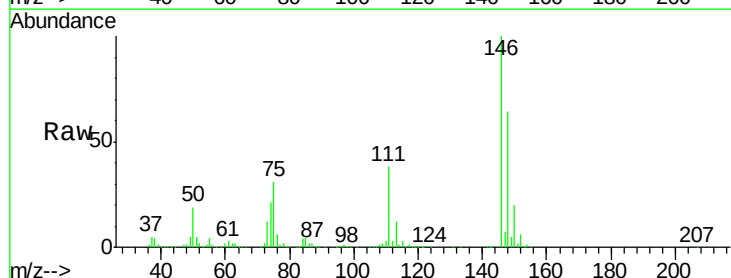
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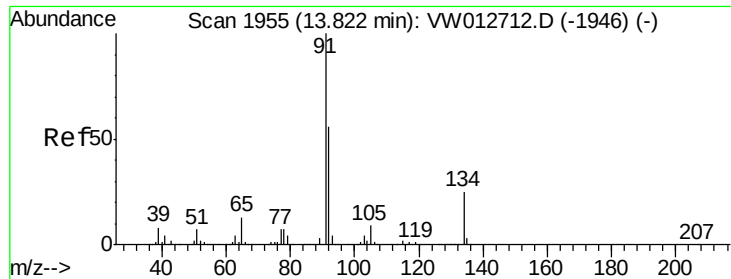
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#88  
 1,4-Dichlorobenzene  
 Concen: 55.221 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 237382 |       |       |
| 111     | 39.1  | 20.0   | 60.0  |       |
| 148     | 65.1  | 32.2   | 96.6  |       |





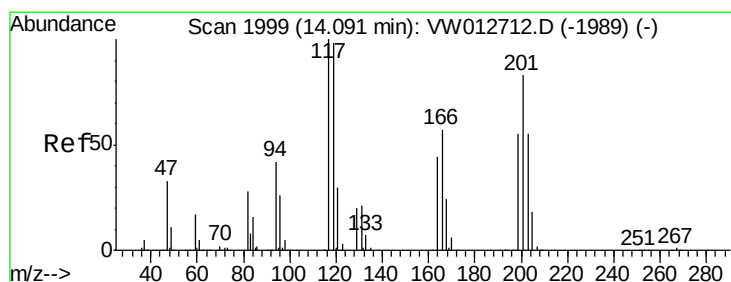
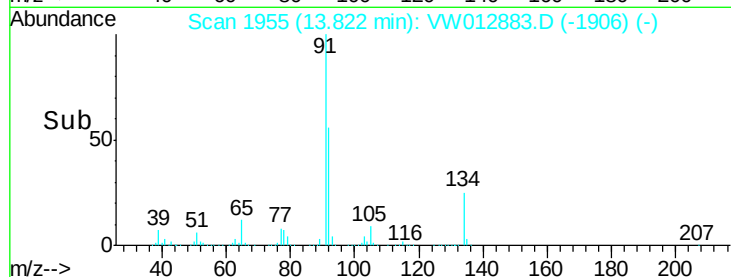
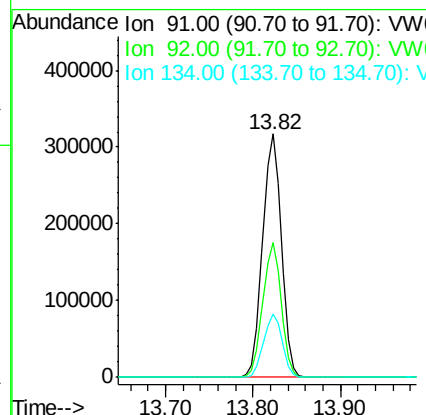
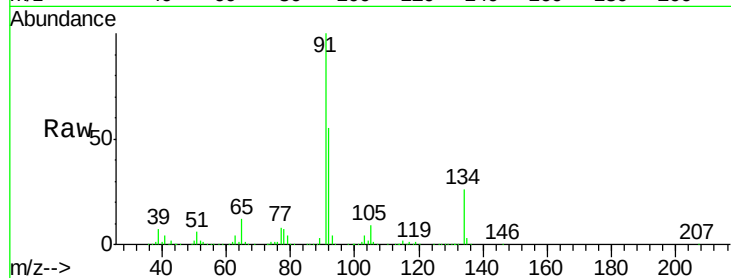
#89  
n-Butylbenzene  
Concen: 53.103 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.5  | 27.2  | 81.5  |
| 134     | 25.8  | 12.7  | 38.1  |

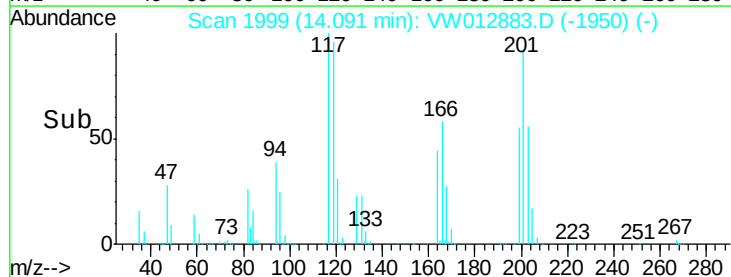
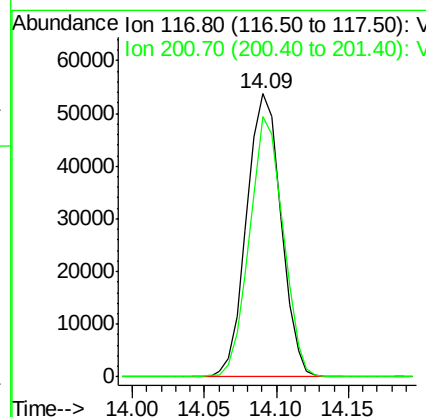
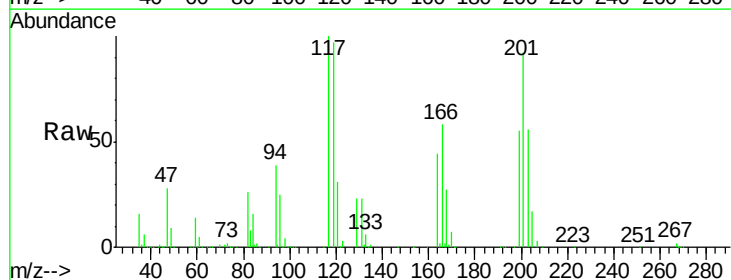
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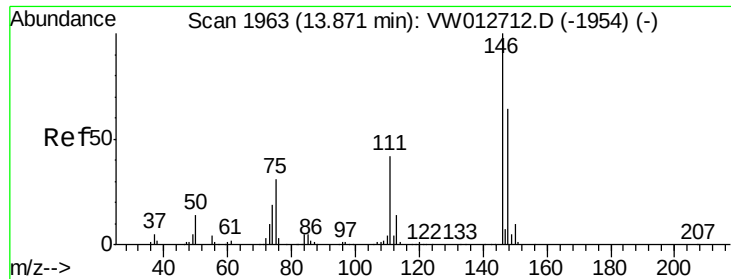
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#90  
Hexachloroethane  
Concen: 55.670 ug/l  
RT: 14.09 min Scan# 1999  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 89.3  | 42.8  | 128.4 |





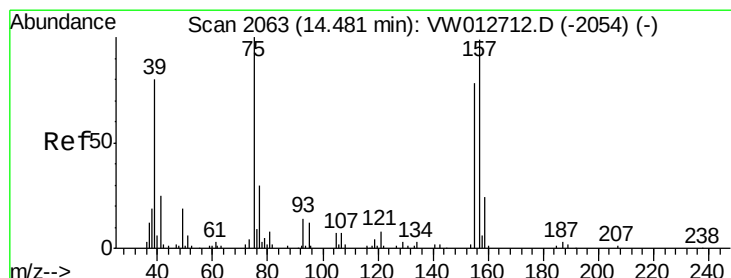
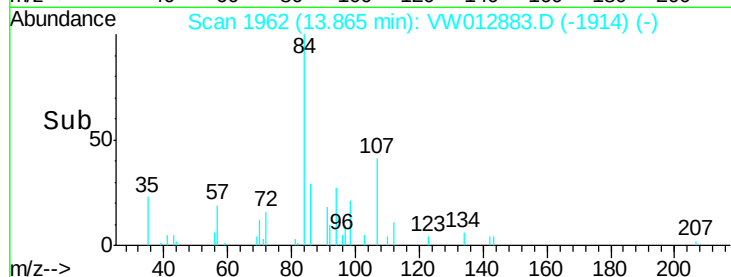
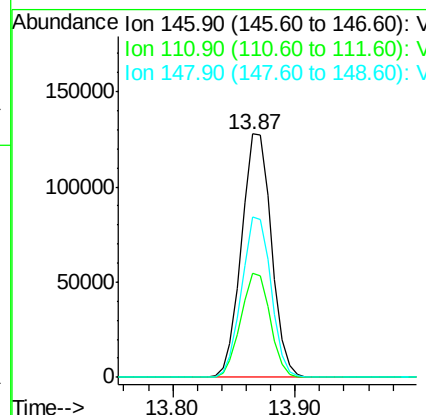
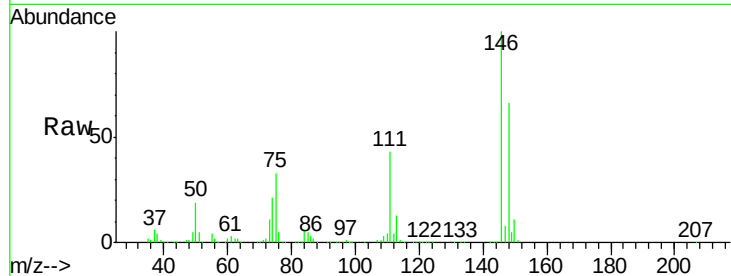
#91  
 1,2-Dichlorobenzene  
 Concen: 55.688 ug/l  
 RT: 13.87 min Scan# 1962  
 Delta R.T. -0.01 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 216535 |       |       |
| 111     | 41.9  |        | 21.3  | 63.9  |
| 148     | 64.6  |        | 32.1  | 96.5  |

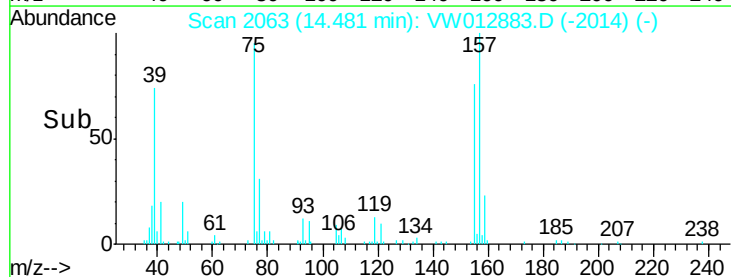
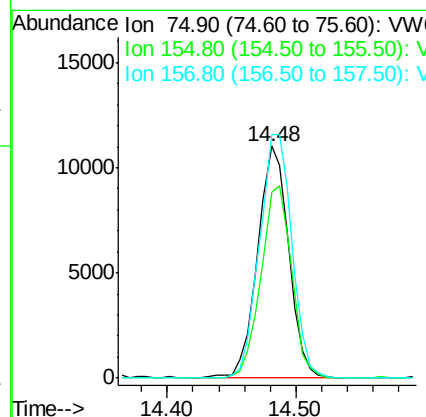
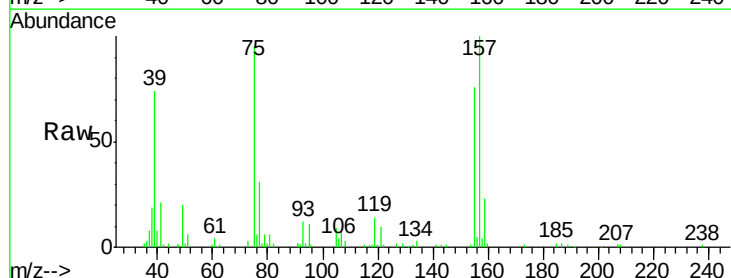
Manual Integrations  
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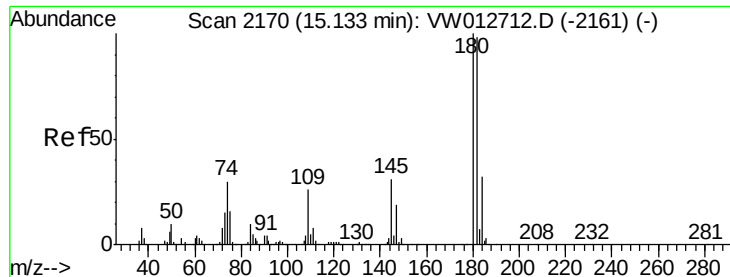
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.477 ug/l  
 RT: 14.48 min Scan# 2063  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 18354 |       |       |
| 155     | 81.7  |       | 40.6  | 122.0 |
| 157     | 109.7 |       | 52.5  | 157.5 |





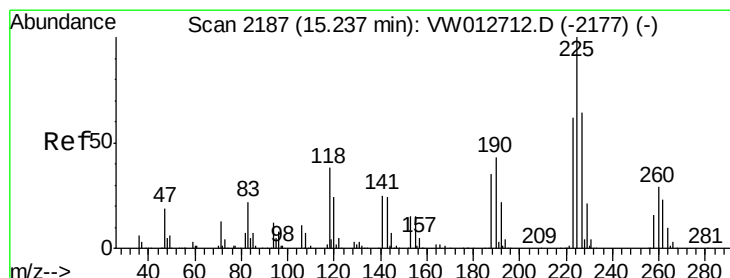
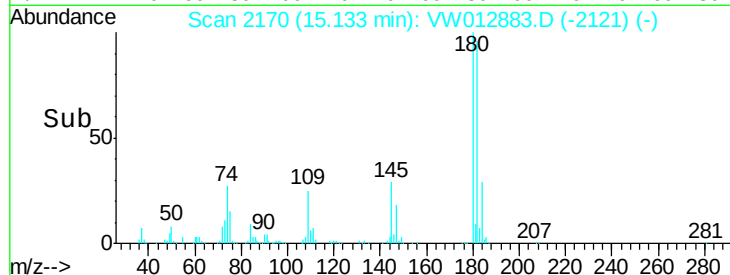
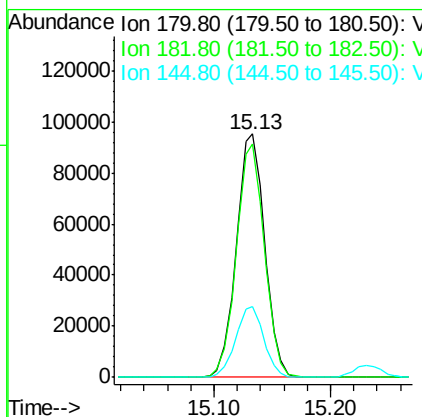
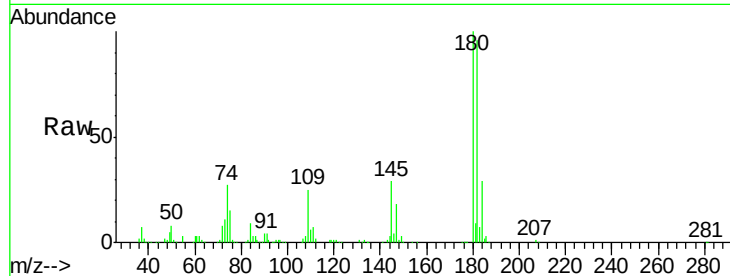
#93  
 1,2,4-Trichlorobenzene  
 Concen: 59.601 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. 0.00 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 161351 |       |       |
| 182     | 94.9  | 48.7   | 146.1 |       |
| 145     | 29.0  | 15.0   | 45.1  |       |

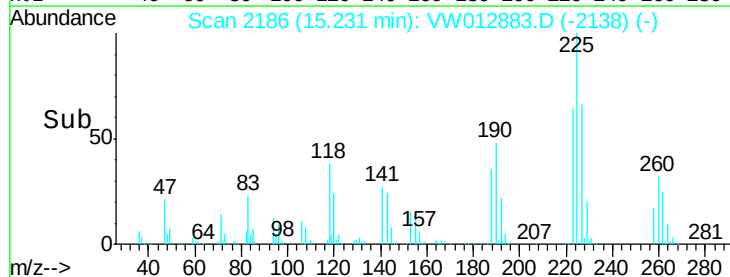
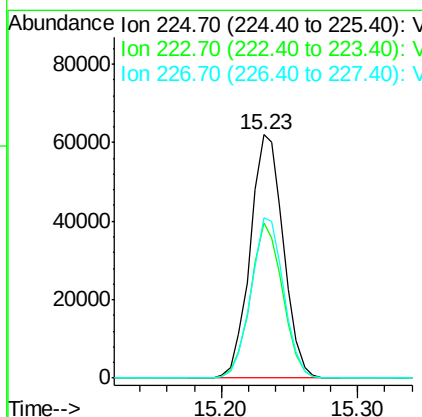
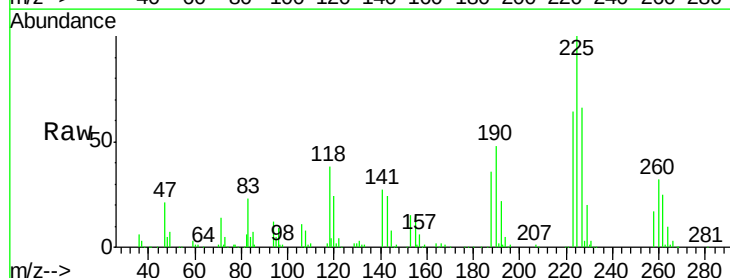
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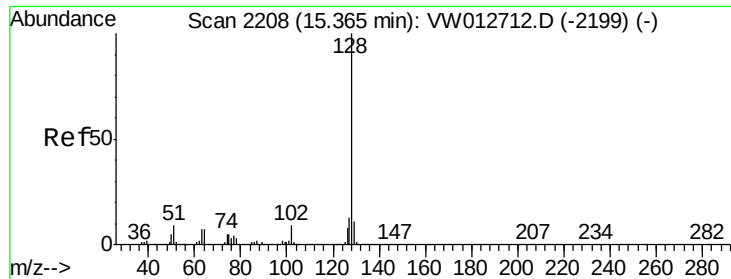
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#94  
 Hexachlorobutadiene  
 Concen: 56.425 ug/l  
 RT: 15.23 min Scan# 2186  
 Delta R.T. -0.01 min  
 Lab File: VW012883.D  
 Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 105730 |       |       |
| 223     | 61.6  | 31.1   | 93.3  |       |
| 227     | 64.9  | 31.4   | 94.2  |       |





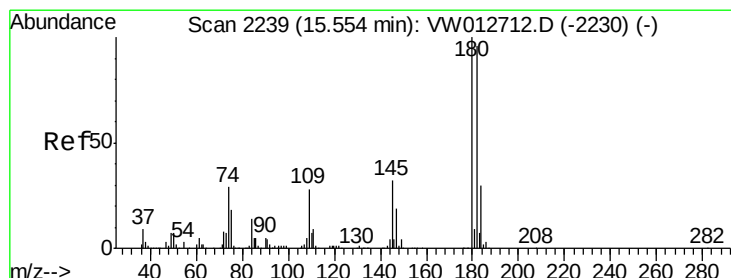
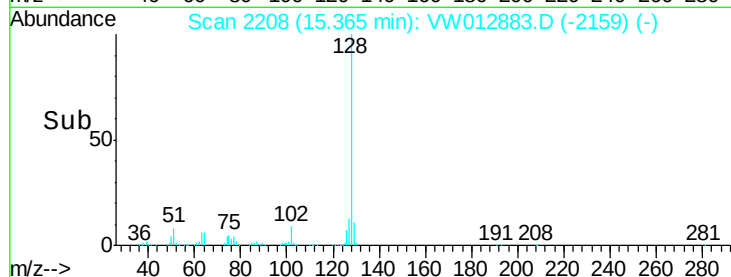
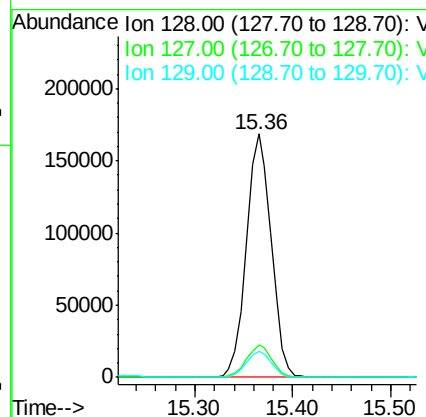
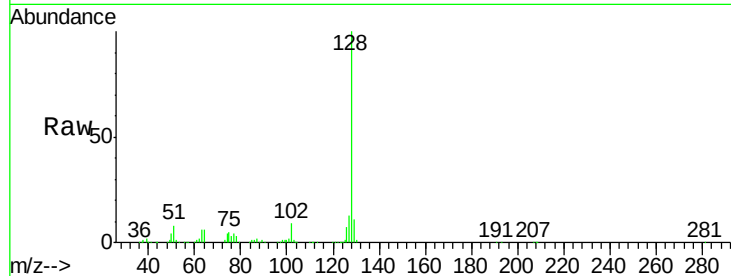
#95  
Naphthalene  
Concen: 51.914 ug/l  
RT: 15.36 min Scan# 2208  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 295657 |       |       |
| 127     | 13.3  |        | 10.7  | 16.1  |
| 129     | 10.8  |        | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 59.852 ug/l  
RT: 15.55 min Scan# 2239  
Delta R.T. 0.00 min  
Lab File: VW012883.D  
Acq: 10 Sep 2019 22:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 143023 |       |       |
| 182     | 95.9  |        | 47.8  | 143.3 |
| 145     | 31.0  |        | 15.4  | 46.2  |

