

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\  
 Data File : VW012759.D  
 Acq On : 08 Sep 2019 10:07  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 9/10/2019 1:22:40 PM

Quant Time: Sep 09 04:46:33 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  | 235479   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 365786   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 305250   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 151459   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 150983   | 57.38 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 114.76% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 116333   | 53.49 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.98% |          |
| 50) Toluene-d8              | 10.32 | 98   | 457497   | 53.70 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.40% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 144099   | 46.59 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.18%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85   | 58450    | 45.786  | ug/l  | 99     |
| 3) Chloromethane              | 2.21 | 50   | 65973    | 42.524  | ug/l  | 98     |
| 4) Vinyl Chloride             | 2.35 | 62   | 81162    | 42.666  | ug/l  | 100    |
| 5) Bromomethane               | 2.77 | 94   | 47244    | 45.736  | ug/l  | 98     |
| 6) Chloroethane               | 2.92 | 64   | 50023    | 44.067  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 3.25 | 101  | 53316    | 40.615  | ug/l  | 97     |
| 8) Diethyl Ether              | 3.68 | 74   | 48273    | 43.754  | ug/l  | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101  | 84660    | 41.097  | ug/l  | 97     |
| 10) Methyl Iodide             | 4.26 | 142  | 113038   | 43.589  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 5.19 | 59   | 48890    | 242.865 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 4.04 | 96   | 80171    | 41.227  | ug/l  | 92     |
| 13) Acrolein                  | 3.89 | 56   | 19227    | 90.005  | ug/l  | 97     |
| 14) Allyl chloride            | 4.66 | 41   | 161595   | 40.170  | ug/l  | 97     |
| 15) Acrylonitrile             | 5.37 | 53   | 138107   | 214.317 | ug/l  | 99     |
| 16) Acetone                   | 4.14 | 43   | 114131   | 159.115 | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.38 | 76   | 162010   | 39.249  | ug/l  | 99     |
| 18) Methyl Acetate            | 4.67 | 43   | 79052    | 46.975  | ug/l  | 97     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73   | 181018   | 46.937  | ug/l  | 95     |
| 20) Methylene Chloride        | 4.91 | 84   | 94829    | 42.258  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96   | 88344    | 44.523  | ug/l  | 95     |
| 22) Diisopropyl ether         | 6.31 | 45   | 413186   | 51.787  | ug/l  | 97     |
| 23) Vinyl Acetate             | 6.24 | 43   | 1129508  | 223.382 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 6.21 | 63   | 207495   | 48.300  | ug/l  | 100    |
| 25) 2-Butanone                | 7.17 | 43   | 228388   | 218.905 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 7.16 | 77   | 108371   | 39.940  | ug/l  | 97     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96   | 118544   | 51.525  | ug/l  | 98     |
| 28) Bromochloromethane        | 7.51 | 49   | 109039   | 55.277  | ug/l  | 96     |
| 29) Tetrahydrofuran           | 7.53 | 42   | 140863   | 243.188 | ug/l  | 100    |
| 30) Chloroform                | 7.67 | 83   | 218627   | 51.350  | ug/l  | 100    |
| 31) Cyclohexane               | 7.95 | 56   | 167380   | 43.278  | ug/l  | 97     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97   | 173949   | 50.403  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 8.08 | 75   | 144981   | 44.608  | ug/l  | 99     |
| 37) Ethyl Acetate             | 7.24 | 43   | 90719    | 43.786  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117  | 153037   | 47.767  | ug/l  | 99     |

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Instrument :  
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 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
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Quant Time: Sep 09 04:46:33 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   | 160215   | 43.891   | ug/l   | 97       |
| 40) Benzene                    | 8.32  | 78   | 444177   | 49.257   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.48  | 41   | 62309    | 44.683   | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 160177   | 50.472   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.42  | 43   | 197021   | 50.193   | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 105547   | 45.408   | ug/l   | 91       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 121999   | 48.780   | ug/l   | 95       |
| 46) Dibromomethane             | 9.46  | 93   | 57809    | 48.812   | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.65  | 83   | 165884   | 50.910   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.43  | 41   | 91696    | 48.883   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 25026    | 1069.765 | ug/l # | 74       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 544092   | 264.161  | ug/l   | 100      |
| 52) Toluene                    | 10.38 | 92   | 276651   | 49.155   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 160163   | 47.803   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 184502   | 48.542   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 94056    | 53.047   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 136363   | 52.539   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 164396   | 50.118   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 337384   | 244.859  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.97 | 43   | 377852   | 251.101  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 110869   | 53.167   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 84761    | 52.143   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.86 | 164  | 109889   | 59.329   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.66 | 112  | 298417   | 51.725   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 120233   | 55.961   | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.73 | 91   | 553210   | 51.107   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.83 | 106  | 400389   | 102.475  | ug/l   | 99       |
| 69) o-Xylene                   | 12.16 | 106  | 174144   | 47.243   | ug/l   | 98       |
| 70) Styrene                    | 12.18 | 104  | 322205   | 49.466   | ug/l   | 100      |
| 71) Bromoform                  | 12.35 | 173  | 65323    | 54.724   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.46 | 105  | 500609   | 46.084   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 162940   | 47.255   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 109413   | 50.152   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 91663m   | 59.186   | ug/l   |          |
| 77) Bromobenzene               | 12.74 | 156  | 123415   | 50.146   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.80 | 91   | 604736   | 46.546   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 361142   | 48.420   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 437883   | 47.837   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 31691    | 43.280   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 380289   | 48.203   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 400587   | 49.494   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 458653   | 49.726   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.38 | 105  | 535665   | 47.694   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 494200   | 48.174   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 247578   | 51.179   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 246859   | 51.284   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.82 | 91   | 456241   | 45.810   | ug/l   | 100      |
| 90) Hexachloroethane           | 14.09 | 117  | 92601    | 51.706   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 229659   | 52.746   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 23416    | 58.651   | ug/l   | 95       |

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Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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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) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 155074   | 51.156 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 99574    | 47.456 | ug/l  | 97       |
| 95) Naphthalene            | 15.36 | 128  | 325603   | 51.130 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.55 | 180  | 144430   | 53.977 | ug/l  | 99       |

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

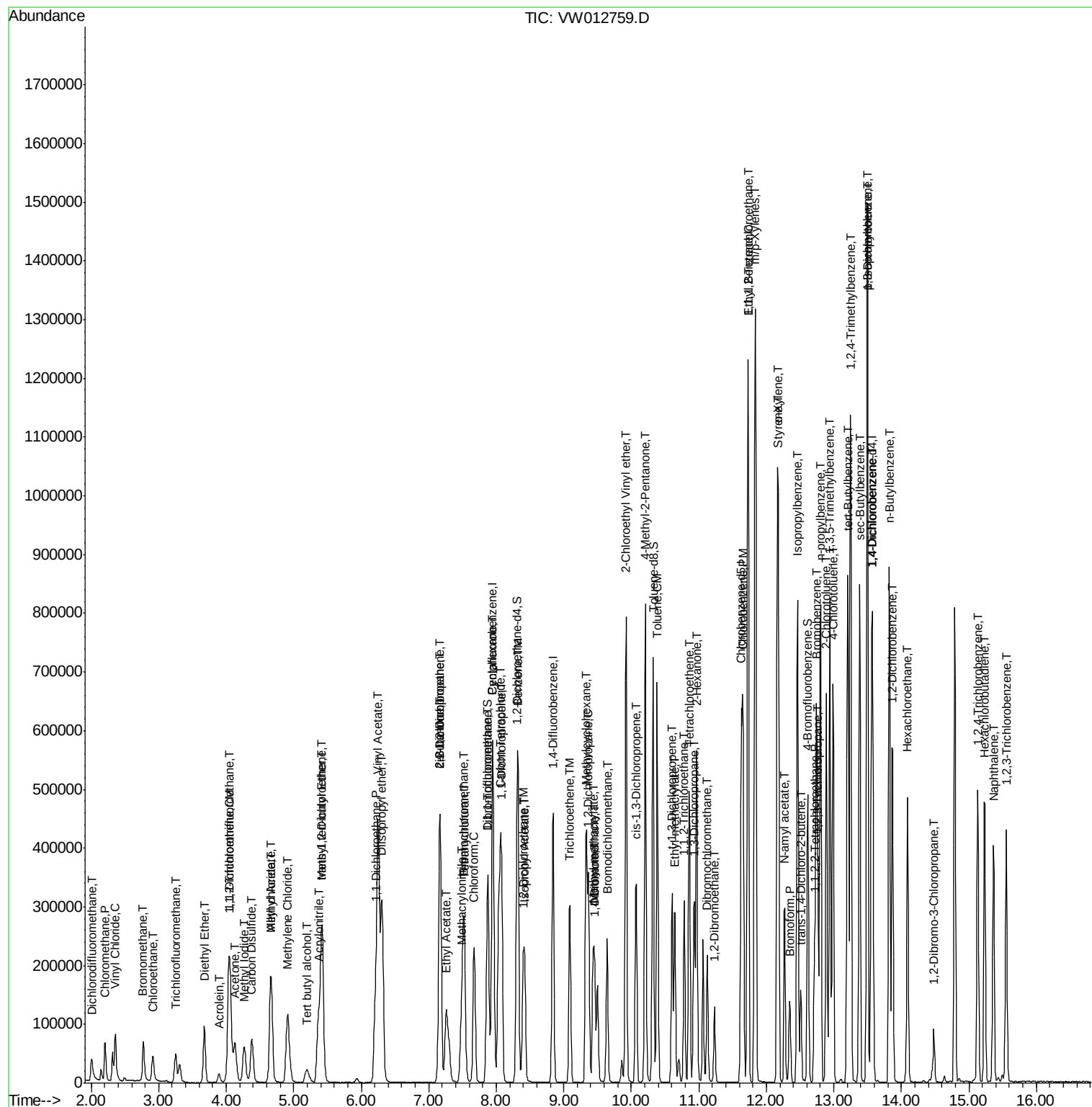
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Data File : VW012759.D  
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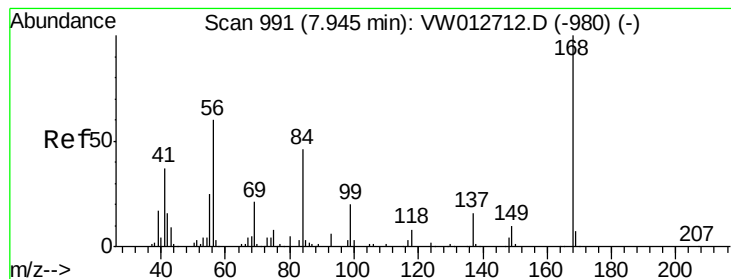
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 235479

Ion Ratio Lower Upper

168 100

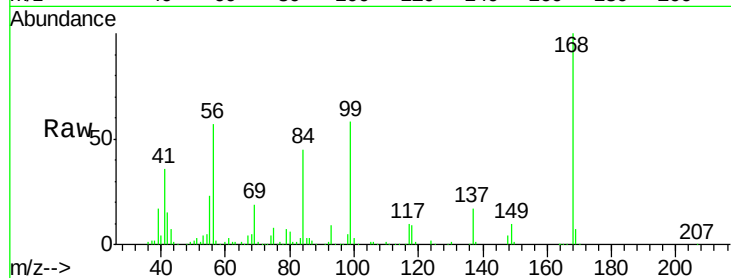
99 58.3 47.8 71.6

Manual Integrations

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9/10/2019 1:22:40 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

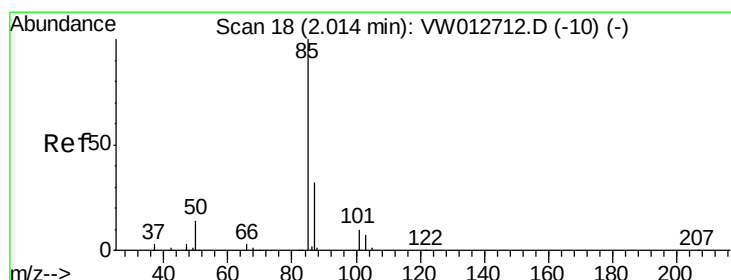
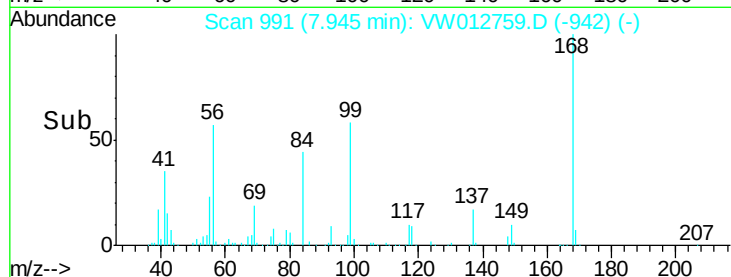
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 45.786 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012759.D

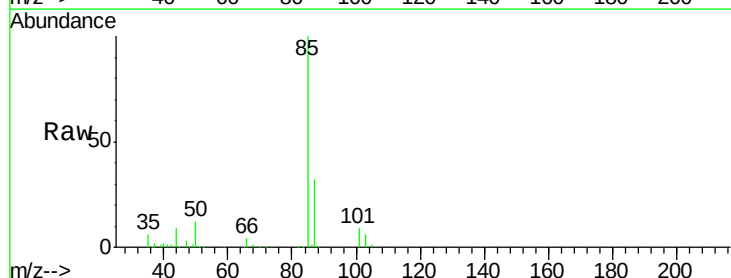
Acq: 08 Sep 2019 10:07

Tgt Ion: 85 Resp: 58450

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

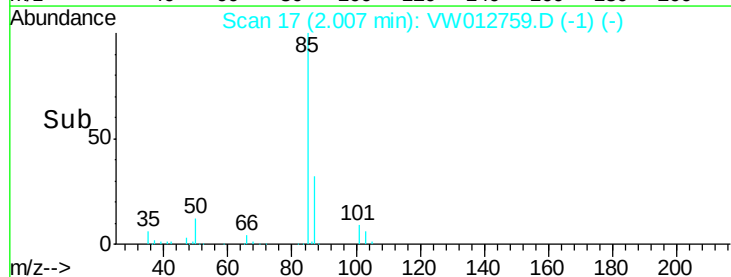
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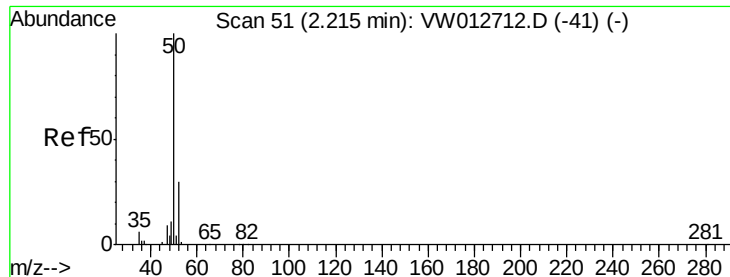
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 42.524 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 65973

Ion Ratio Lower Upper

50 100

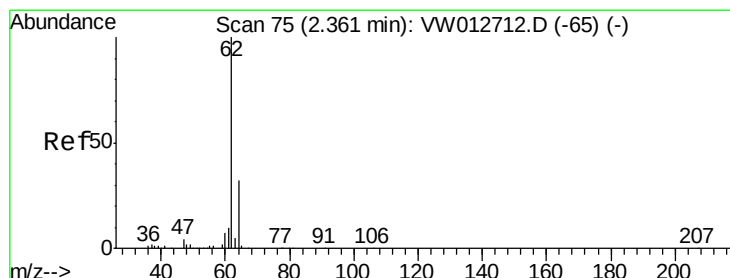
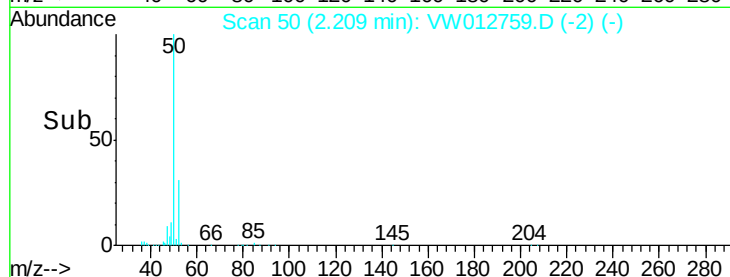
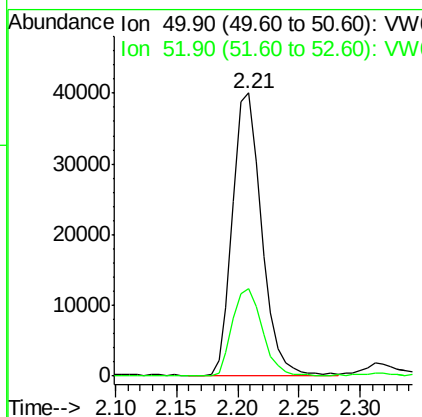
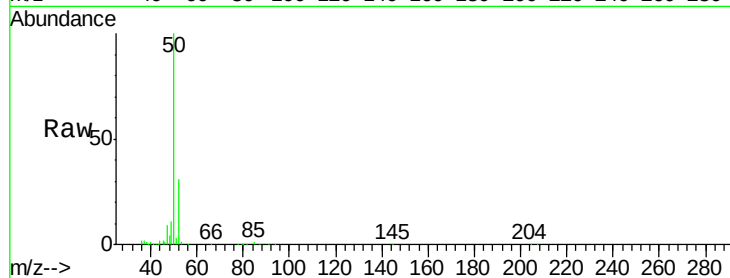
52 31.0 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.666 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012759.D

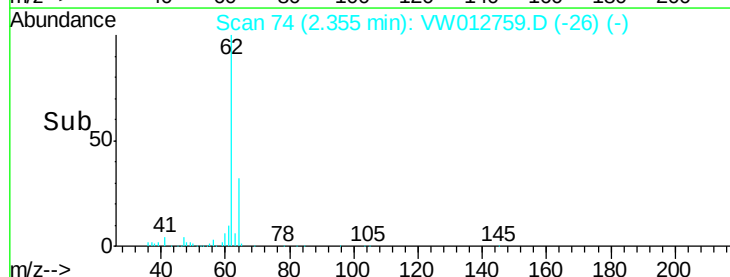
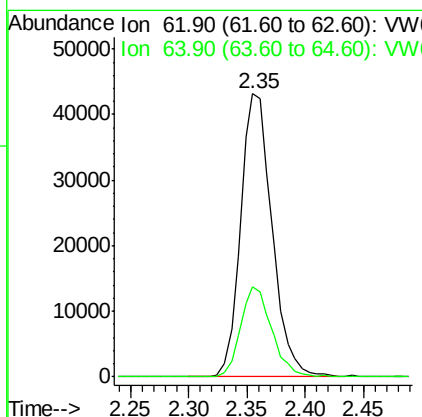
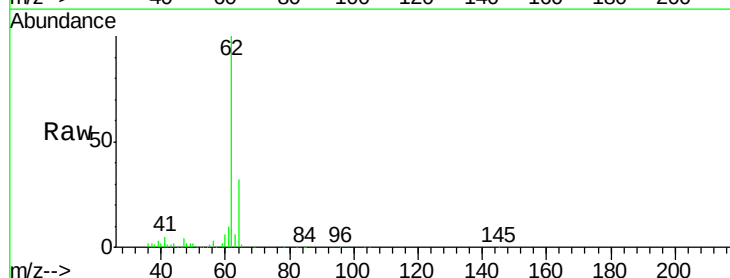
Acq: 08 Sep 2019 10:07

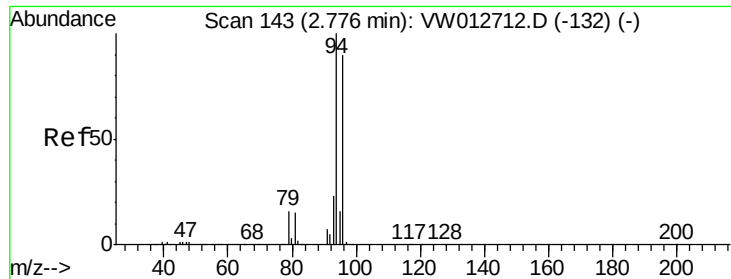
Tgt Ion: 62 Resp: 81162

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 45.736 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 47244

Ion Ratio Lower Upper

94 100

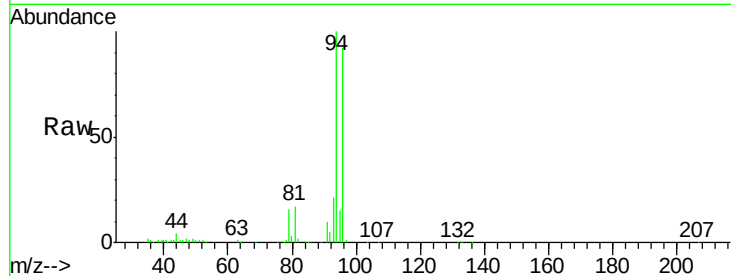
96 92.0 72.1 108.1

Manual Integrations

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9/10/2019 1:22:40 PM



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

25000

20000

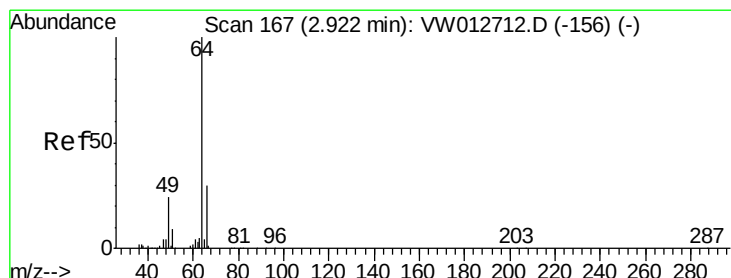
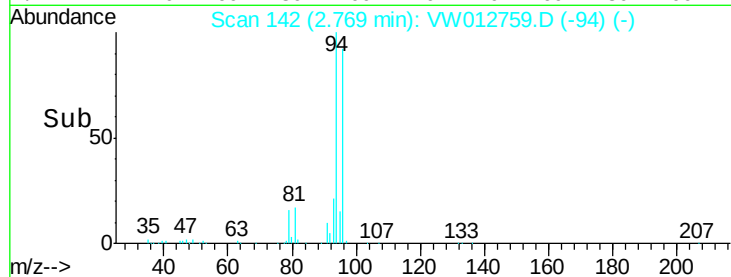
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 44.067 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012759.D

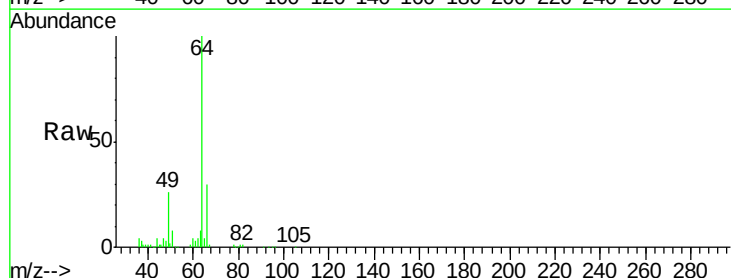
Acq: 08 Sep 2019 10:07

Tgt Ion: 64 Resp: 50023

Ion Ratio Lower Upper

64 100

66 29.6 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

25000

20000

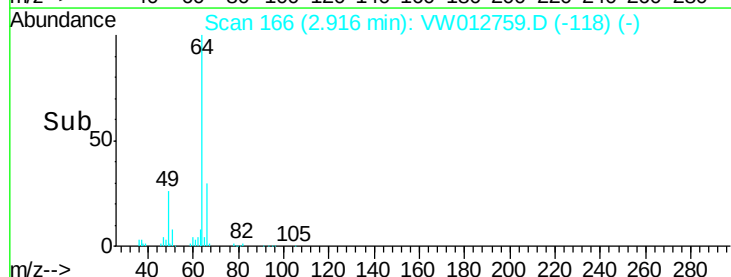
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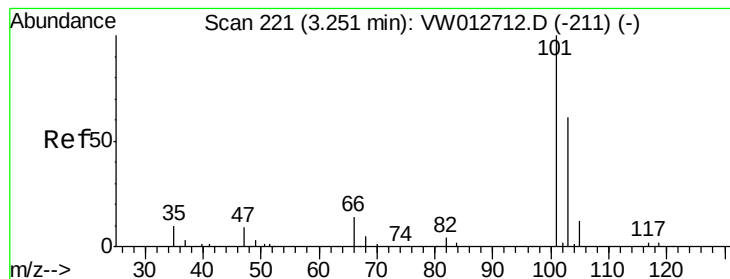
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0

Time-->







#7

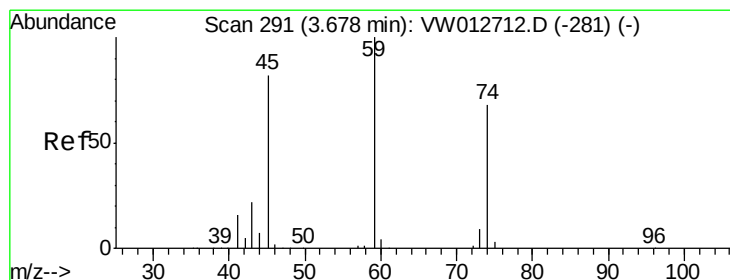
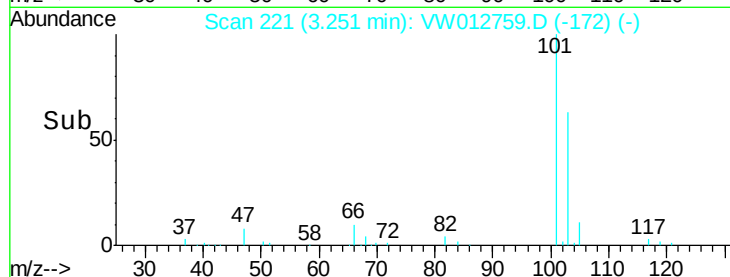
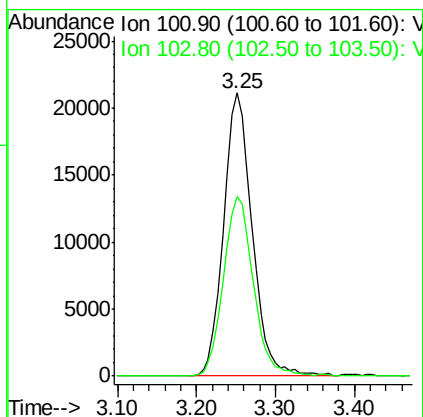
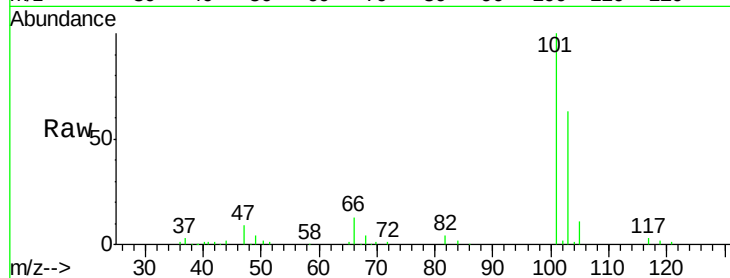
Trichlorofluoromethane  
Concen: 40.615 ug/l  
RT: 3.25 min Scan# 221  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.5  | 49.0  | 73.4  |

Manual Integrations  
APPROVED

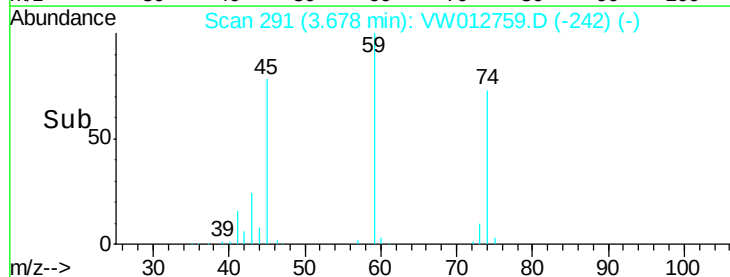
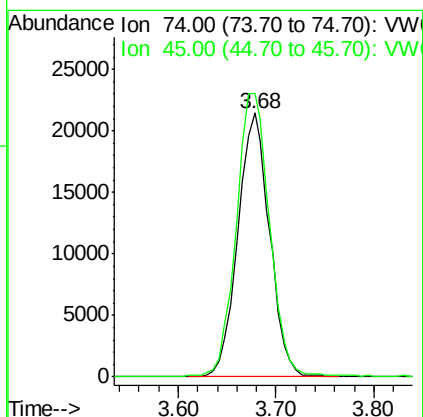
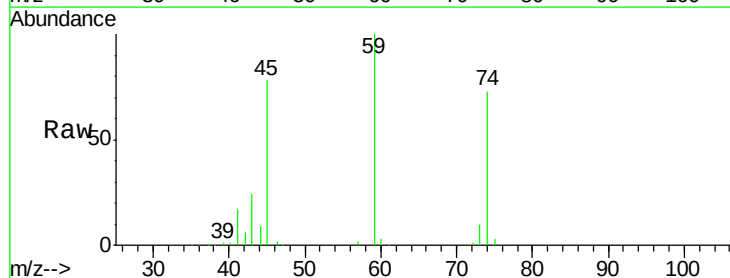
MMDadoda  
9/10/2019 1:22:40 PM



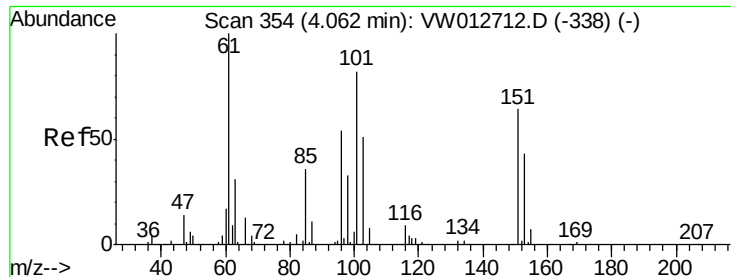
#8

Diethyl Ether  
Concen: 43.754 ug/l  
RT: 3.68 min Scan# 291  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 113.4 | 58.8  | 176.4 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.097 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

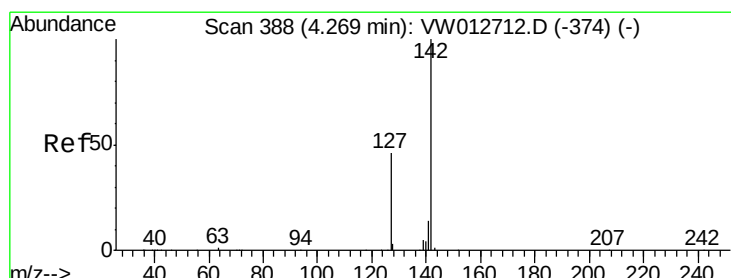
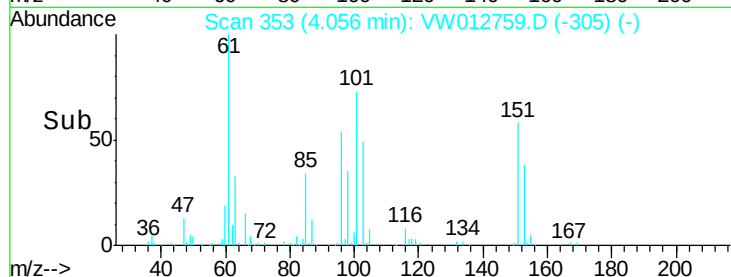
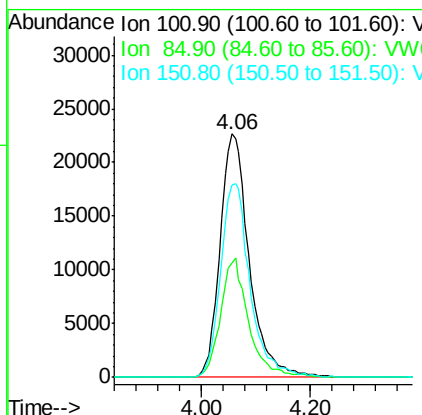
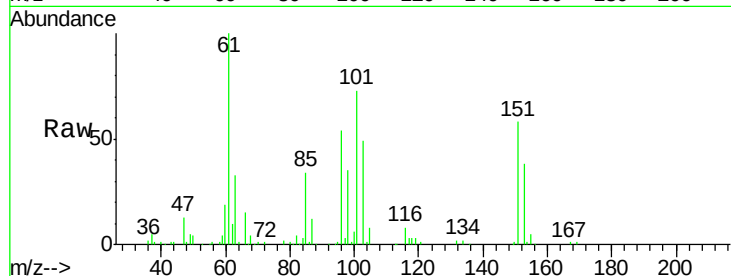
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 84660 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 47.1  | 36.2  | 54.2  |
| 151       | 80.0  | 61.9  | 92.9  |

Manual Integrations  
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MMDadoda  
9/10/2019 1:22:40 PM



#10

Methyl Iodide

Concen: 43.589 ug/l

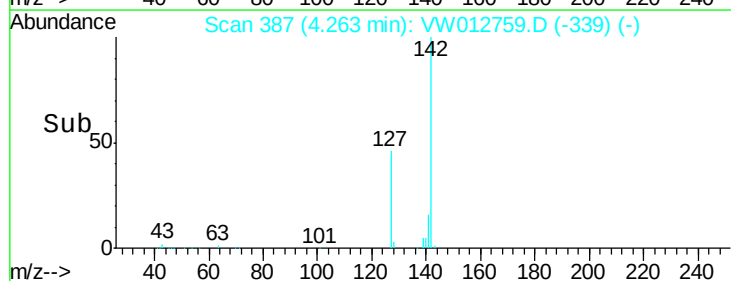
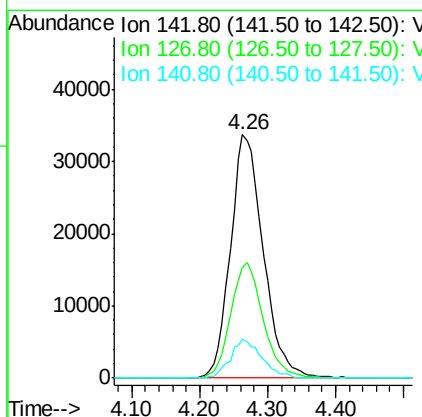
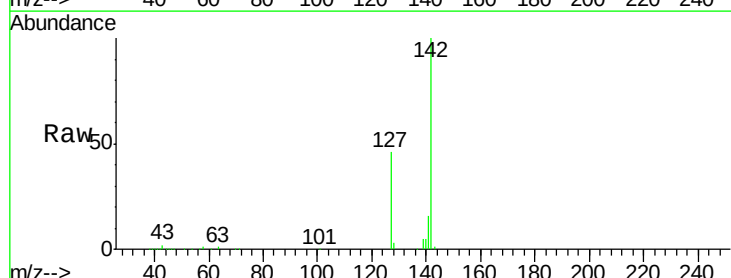
RT: 4.26 min Scan# 387

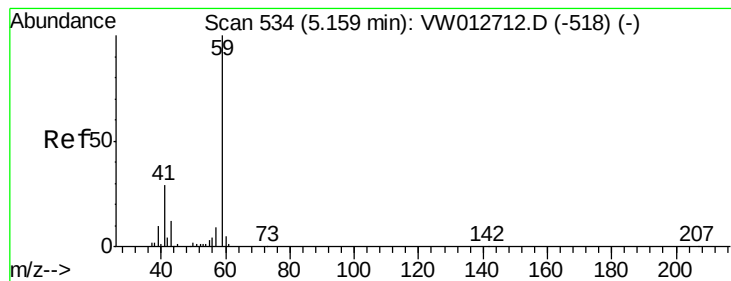
Delta R.T. -0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 113038 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 46.9  | 36.0  | 54.0   |
| 141       | 15.3  | 12.2  | 18.4   |





#11

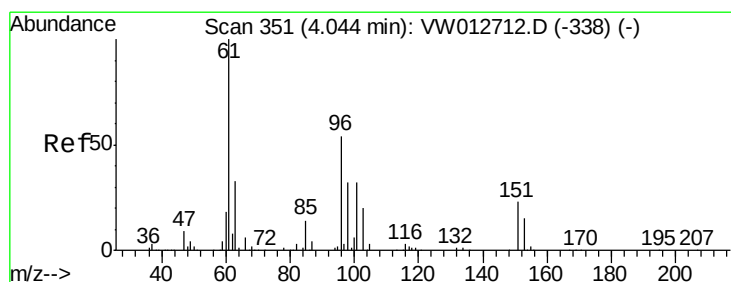
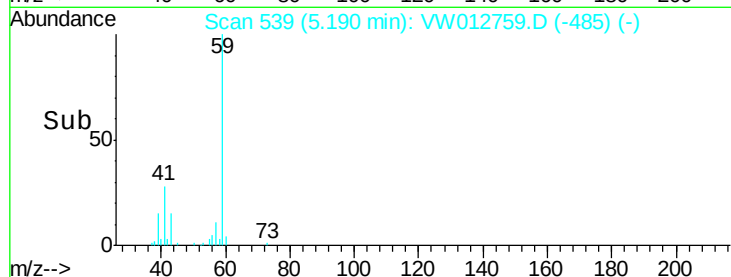
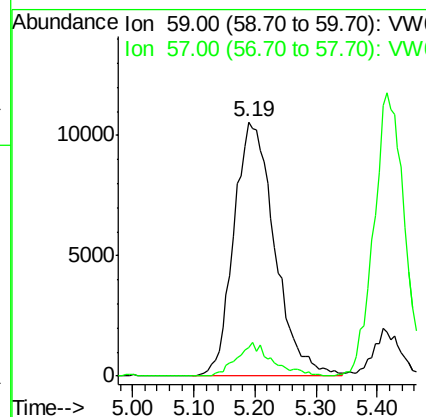
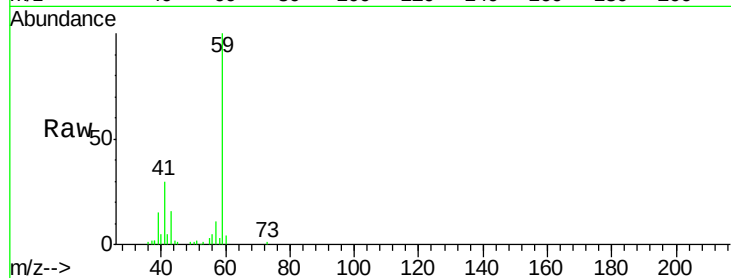
Tert butyl alcohol  
Concen: 242.865 ug/l  
RT: 5.19 min Scan# 539  
Delta R.T. 0.03 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.5  | 8.2   | 12.4  |

Manual Integrations  
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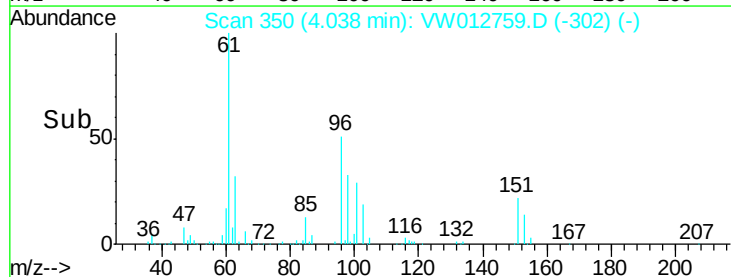
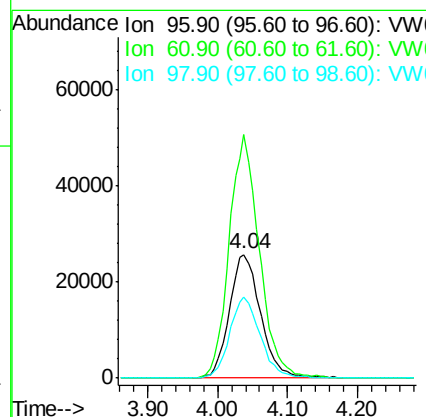
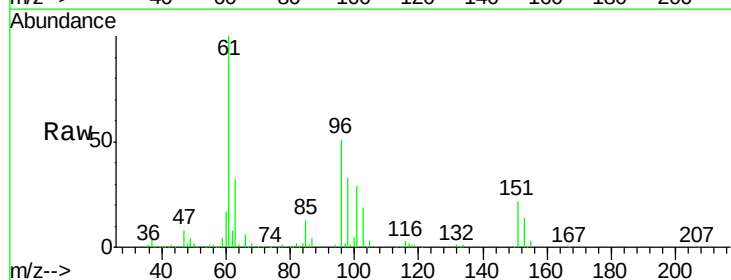
MMDadoda  
9/10/2019 1:22:40 PM

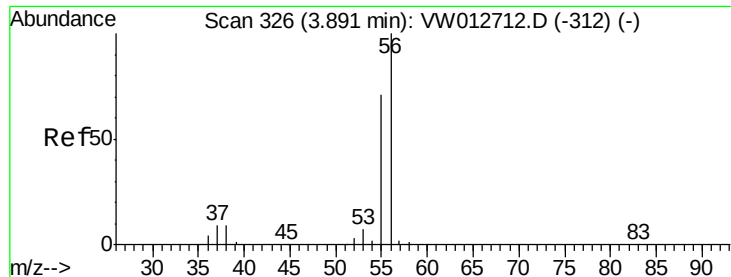


#12

1,1-Dichloroethene  
Concen: 41.227 ug/l  
RT: 4.04 min Scan# 350  
Delta R.T. -0.01 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 196.6 | 147.8 | 221.6 |
| 98      | 65.1  | 47.9  | 71.9  |





#13

Acrolein

Concen: 90.005 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 19227

Ion Ratio Lower Upper

56 100

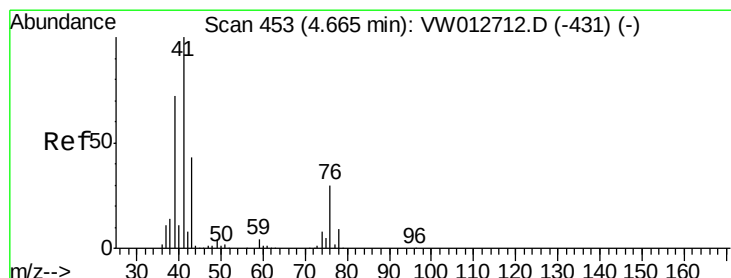
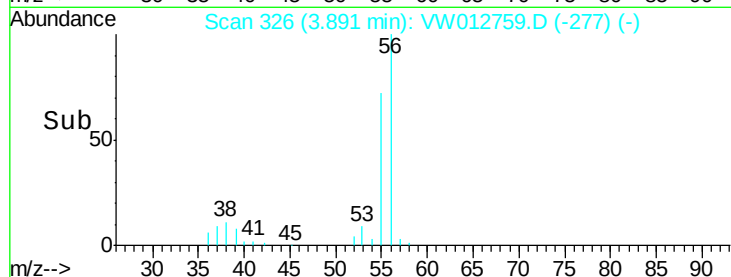
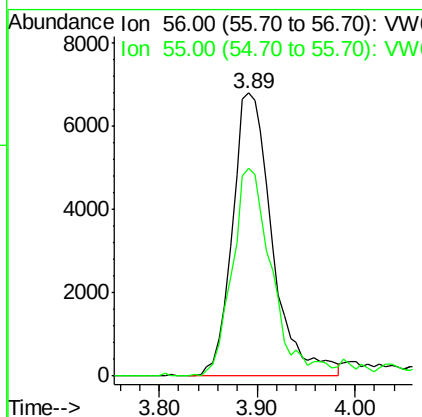
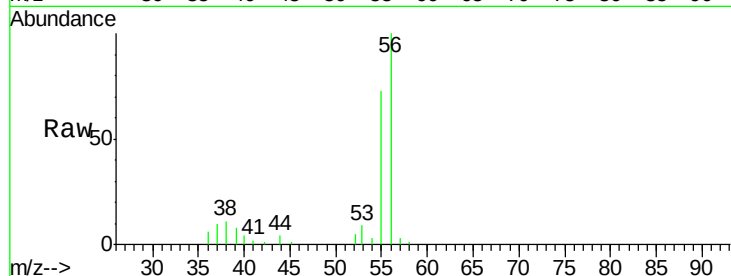
55 73.3 56.9 85.3

Manual Integrations

APPROVED

MMDadoda

9/10/2019 1:22:40 PM



#14

Allyl chloride

Concen: 40.170 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

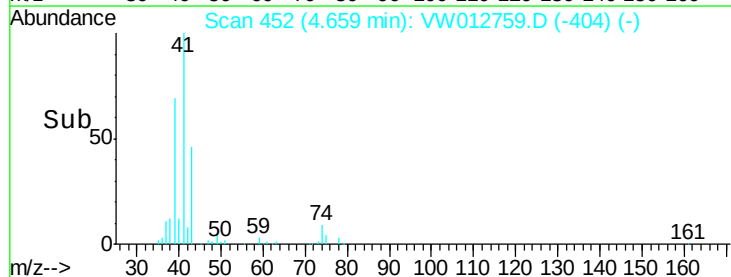
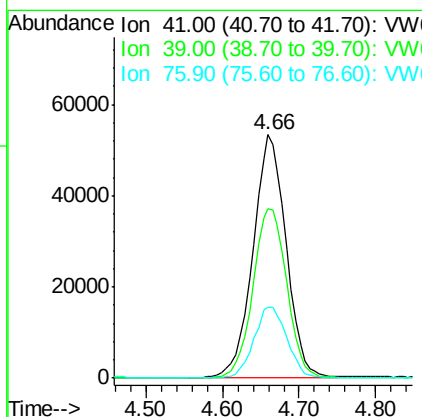
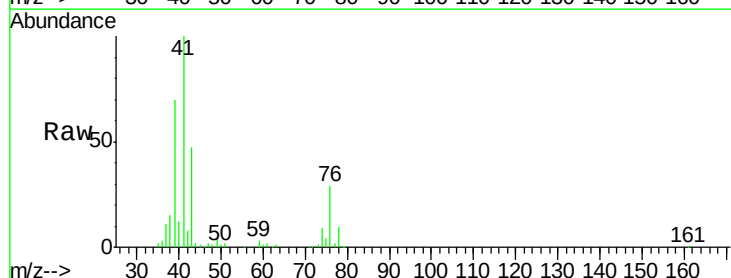
Tgt Ion: 41 Resp: 161595

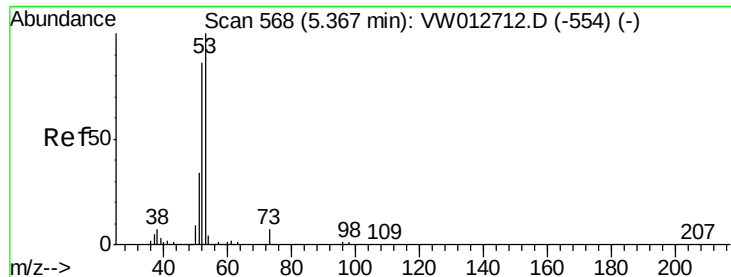
Ion Ratio Lower Upper

41 100

39 71.5 55.0 82.6

76 29.2 23.0 34.4





#15

Acrylonitrile

Concen: 214.317 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

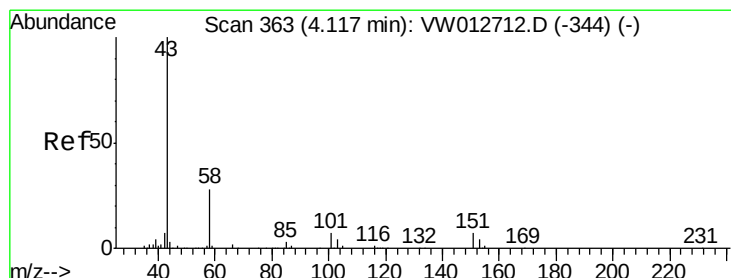
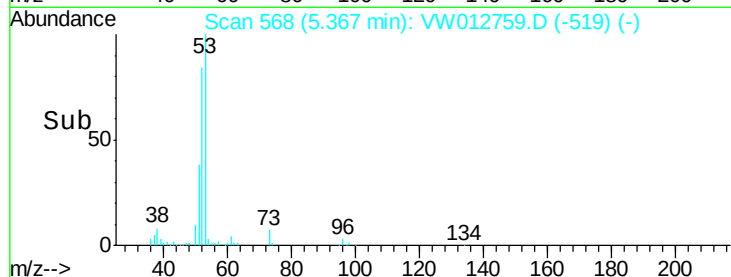
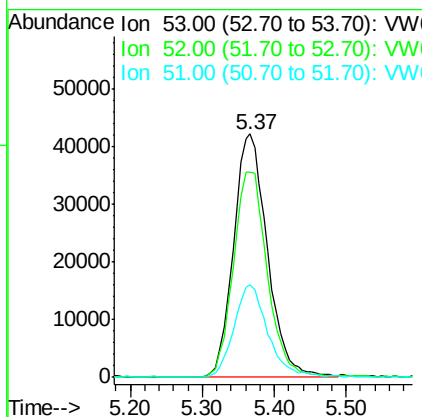
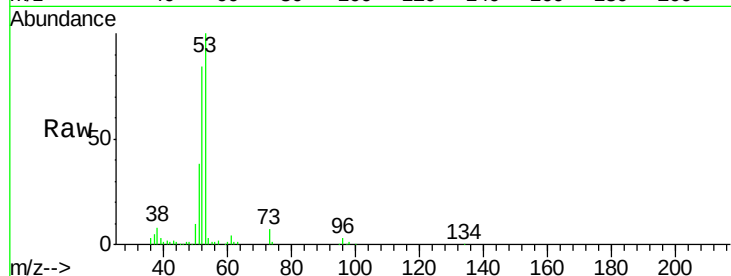
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 138107 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 84.6  | 67.0  | 100.4  |
| 51       | 37.8  | 29.8  | 44.8   |

Manual Integrations  
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#16

Acetone

Concen: 159.115 ug/l

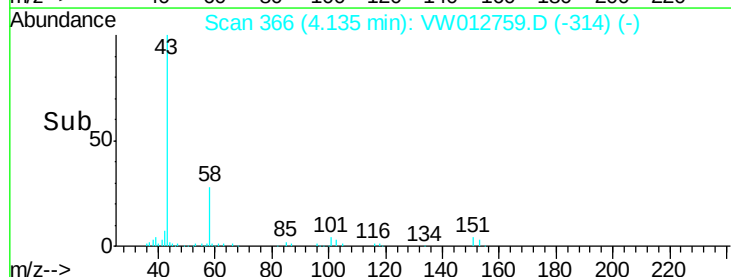
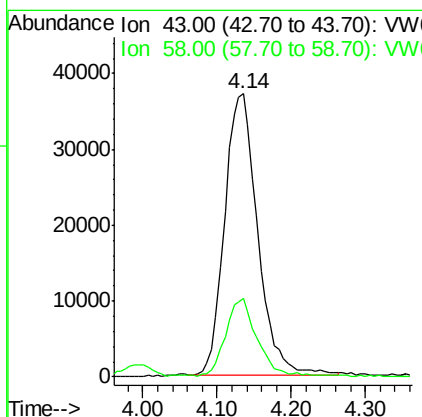
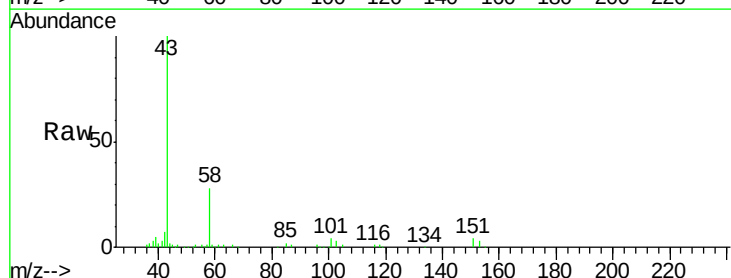
RT: 4.14 min Scan# 366

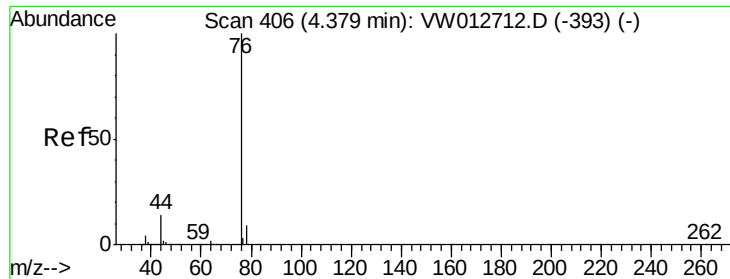
Delta R.T. 0.02 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 114131 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 27.6  | 22.6  | 33.8   |





#17

Carbon Disulfide

Concen: 39.249 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 162010

Ion Ratio Lower Upper

76 100

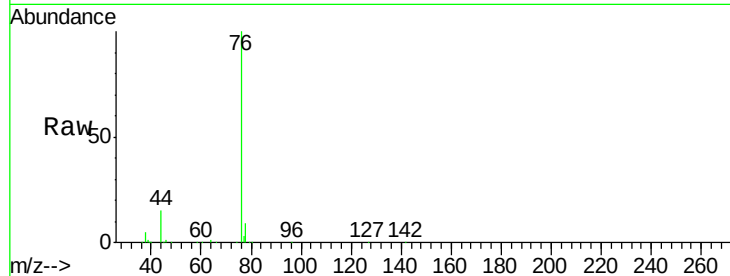
78 8.8 7.2 10.8

Manual Integrations

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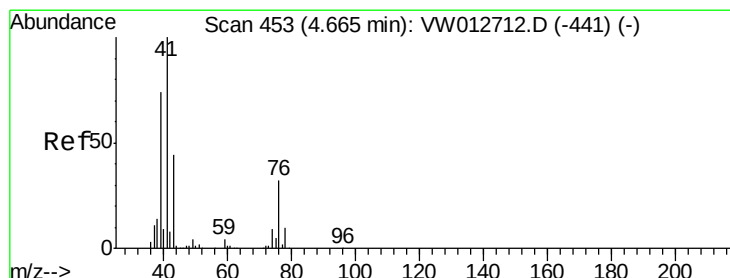
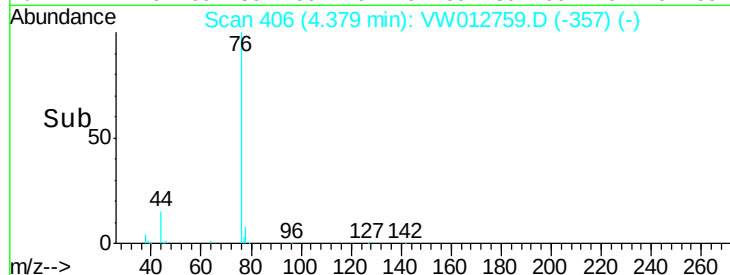
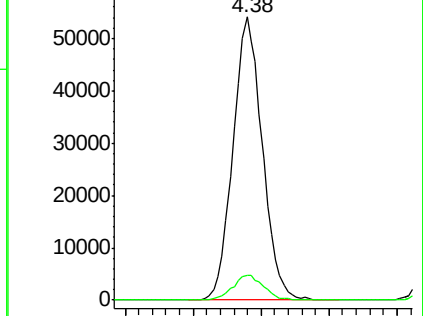
MMDadoda

9/10/2019 1:22:40 PM



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 46.975 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012759.D

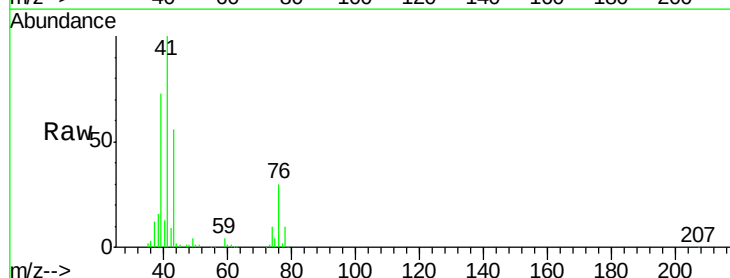
Acq: 08 Sep 2019 10:07

Tgt Ion: 43 Resp: 79052

Ion Ratio Lower Upper

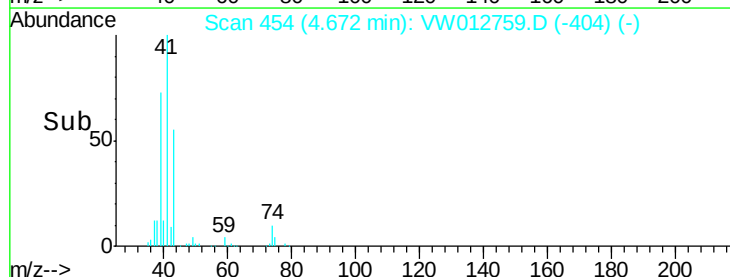
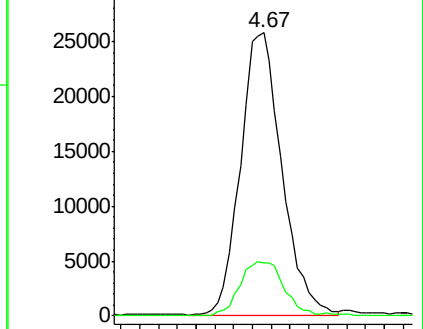
43 100

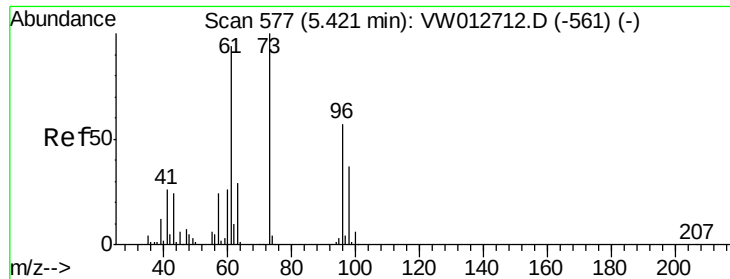
74 20.8 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





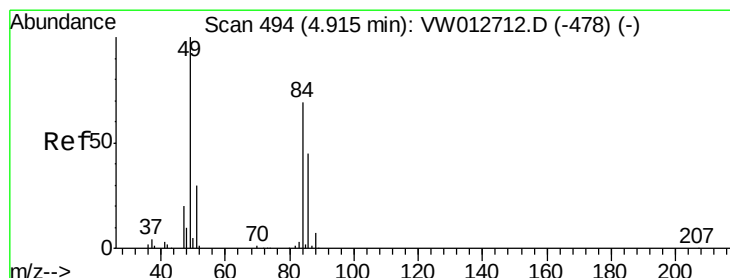
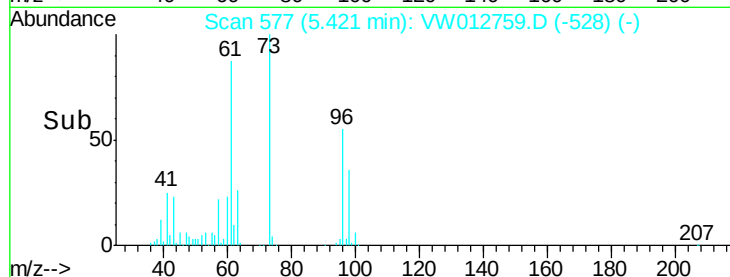
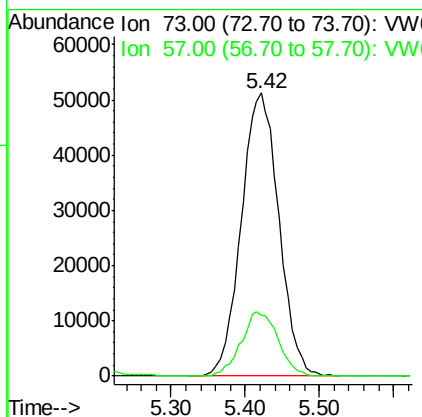
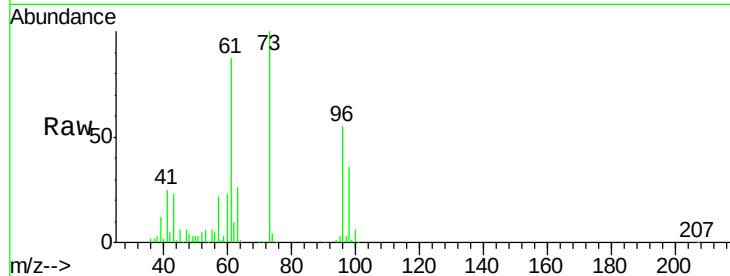
#19  
Methyl tert-butyl Ether  
Concen: 46.937 ug/l  
RT: 5.42 min Scan# 577  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.6  | 19.2  | 28.8  |

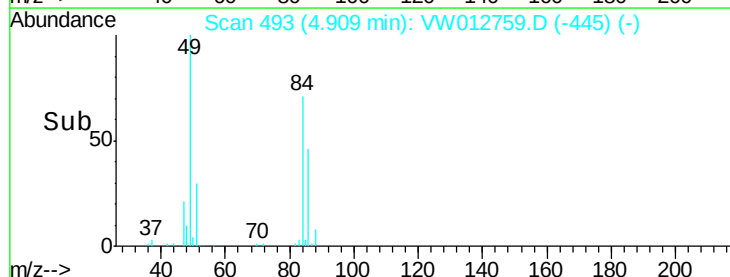
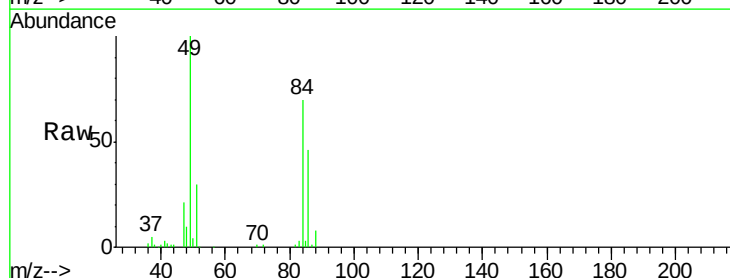
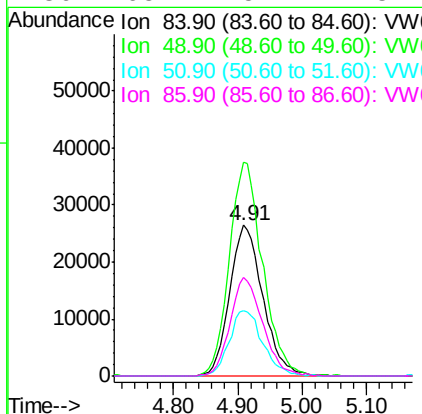
Manual Integrations  
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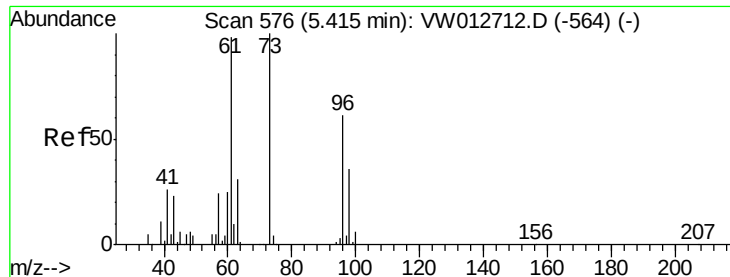
MMDadoda  
9/10/2019 1:22:40 PM



#20  
Methylene Chloride  
Concen: 42.258 ug/l  
RT: 4.91 min Scan# 493  
Delta R.T. -0.01 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 141.9 | 115.4 | 173.0 |
| 51      | 43.1  | 34.9  | 52.3  |
| 86      | 65.4  | 52.2  | 78.4  |





#21

trans-1,2-Dichloroethene

Concen: 44.523 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 88344

Ion Ratio Lower Upper

96 100

61 153.6 129.2 193.8

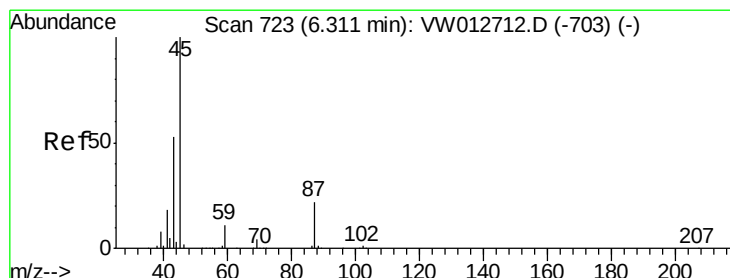
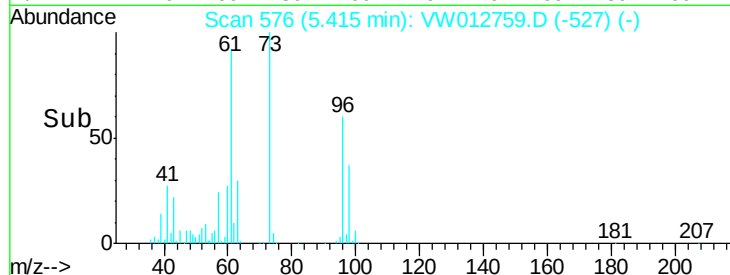
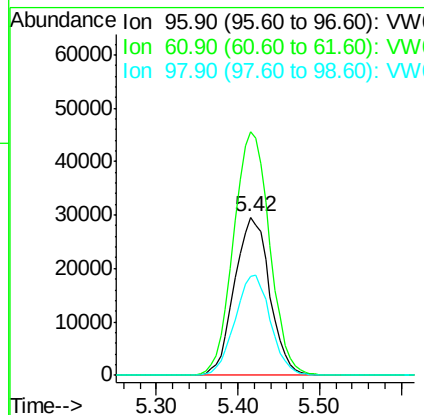
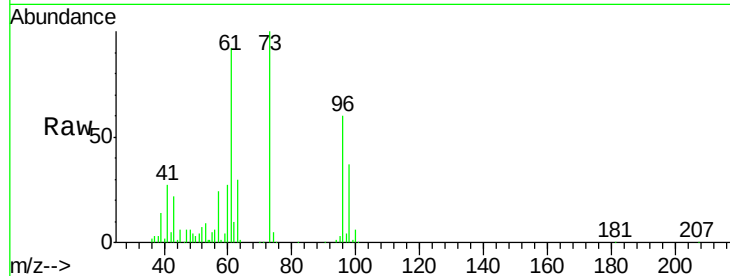
98 62.3 48.0 72.0

Manual Integrations

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MMDadoda

9/10/2019 1:22:40 PM



#22

Diisopropyl ether

Concen: 51.787 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Tgt Ion: 45 Resp: 413186

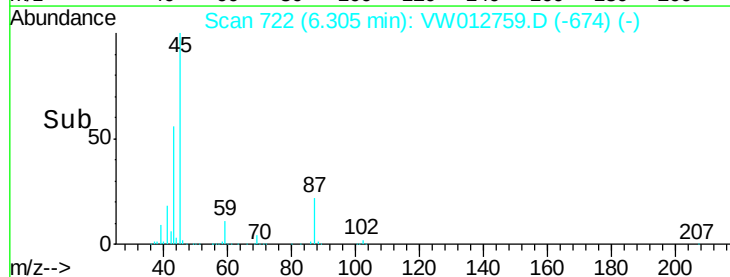
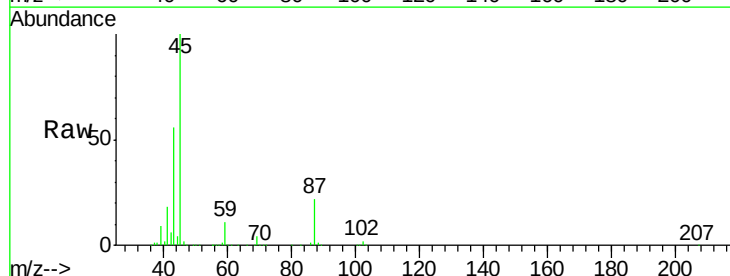
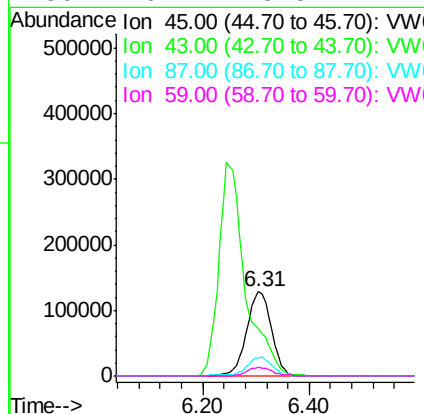
Ion Ratio Lower Upper

45 100

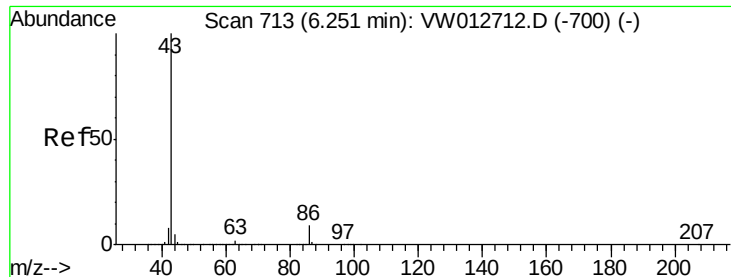
43 55.7 42.3 63.5

87 22.0 18.2 27.2

59 10.7 8.5 12.7







#23

Vinyl Acetate

Concen: 223.382 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1129508

Ion Ratio Lower Upper

43 100

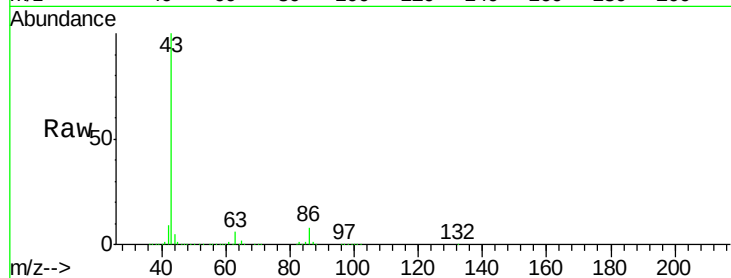
86 8.4 7.0 10.6

Manual Integrations

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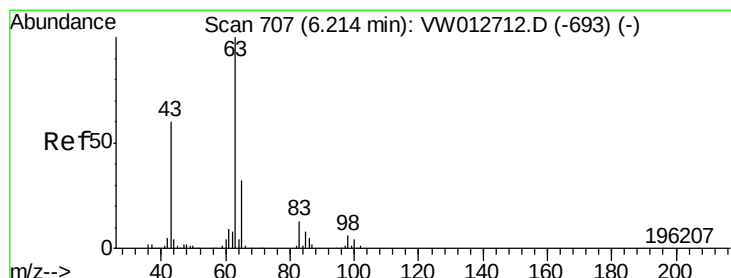
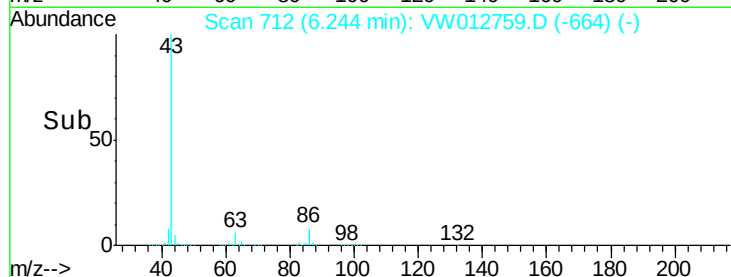
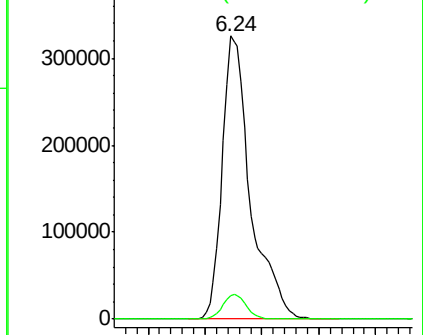
MMDadoda

9/10/2019 1:22:40 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 48.300 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

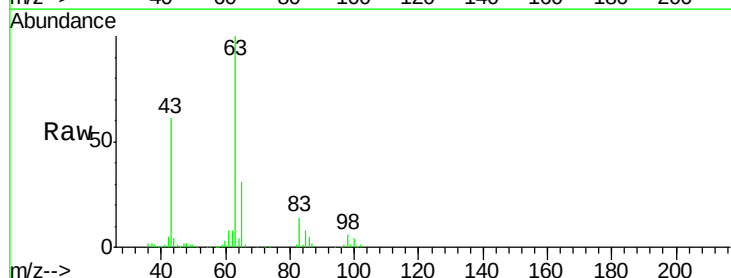
Tgt Ion: 63 Resp: 207495

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

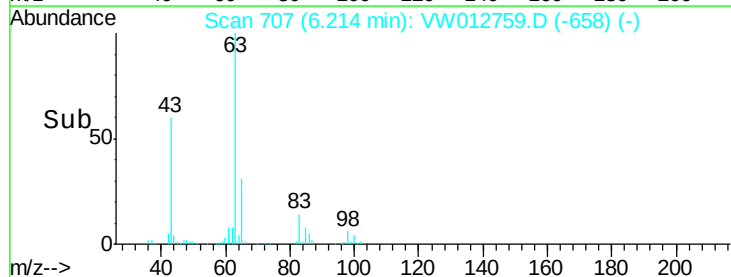
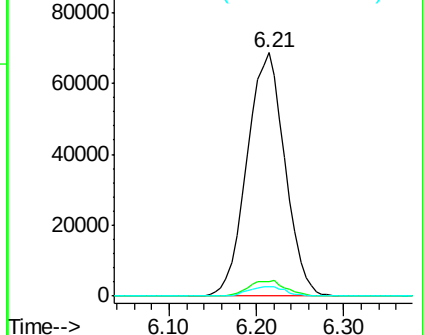
100 3.8 1.8 5.5

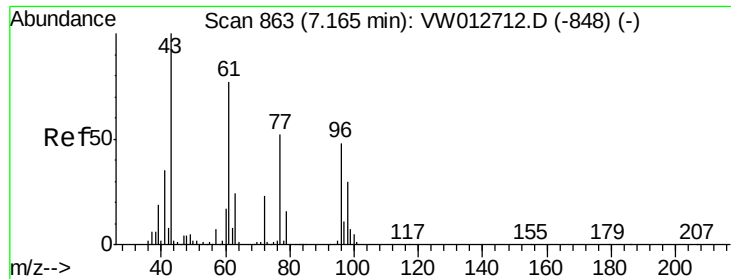


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





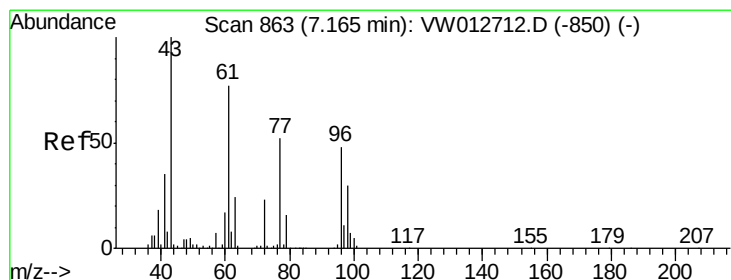
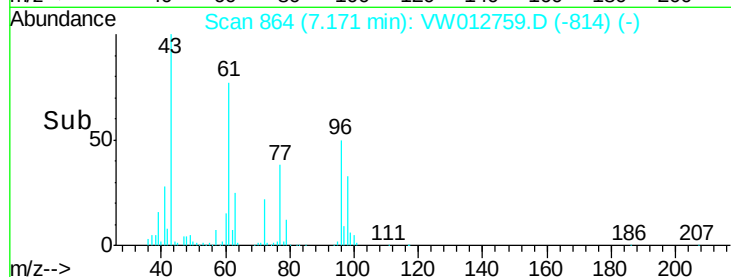
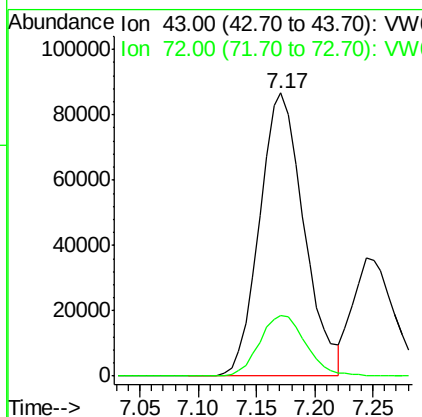
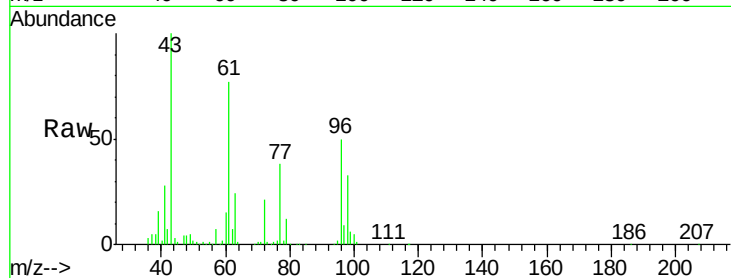
#25  
2-Butanone  
Concen: 218.905 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. 0.01 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 43   | Resp  | 228388 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 72        | 21.5 | 18.0  | 27.0   |

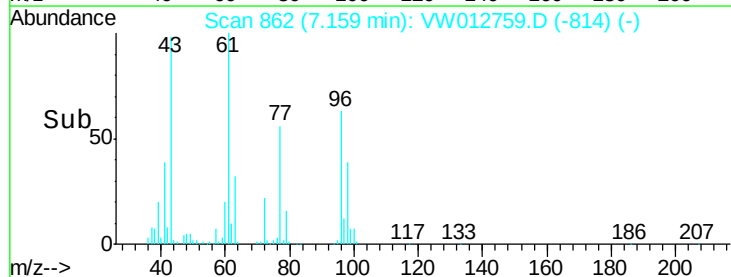
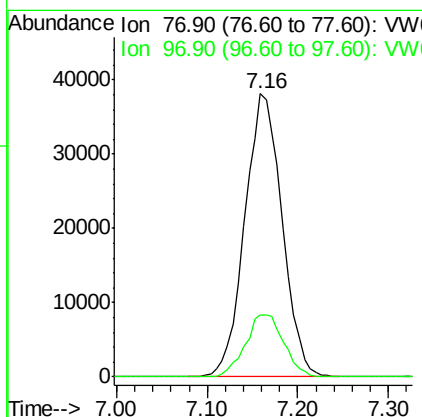
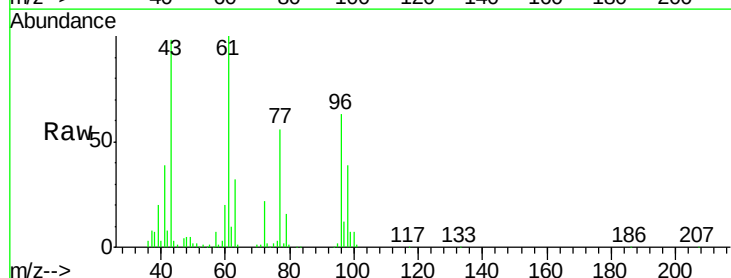
Manual Integrations  
APPROVED

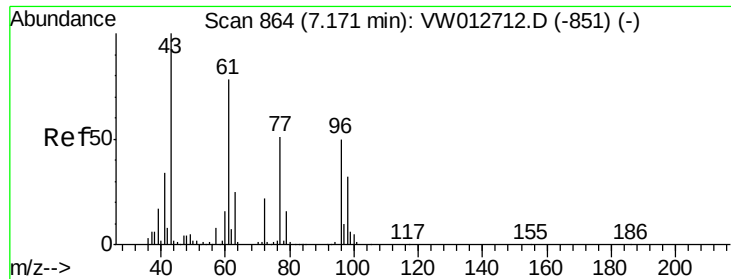
MMDadoda  
9/10/2019 1:22:40 PM



#26  
2,2-Dichloropropane  
Concen: 39.940 ug/l  
RT: 7.16 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion   | 77   | Resp  | 108371 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 97        | 22.7 | 10.7  | 32.1   |





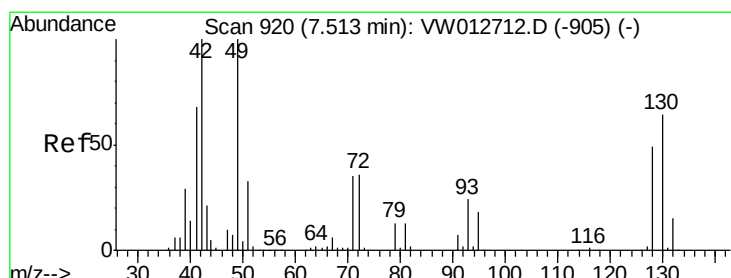
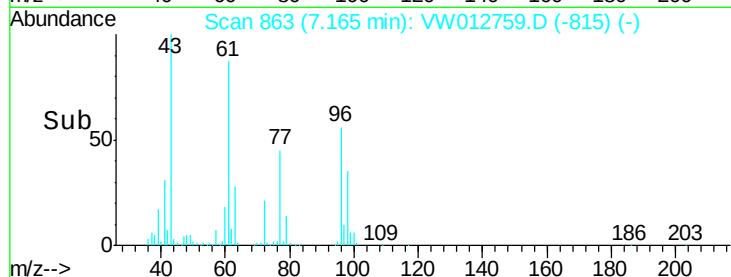
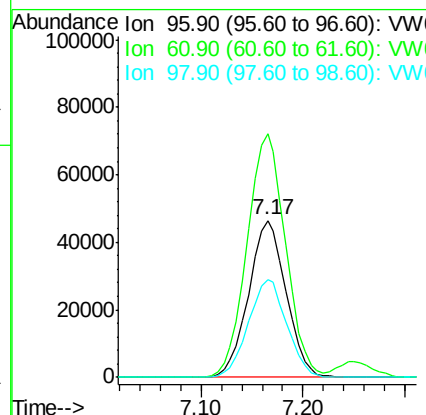
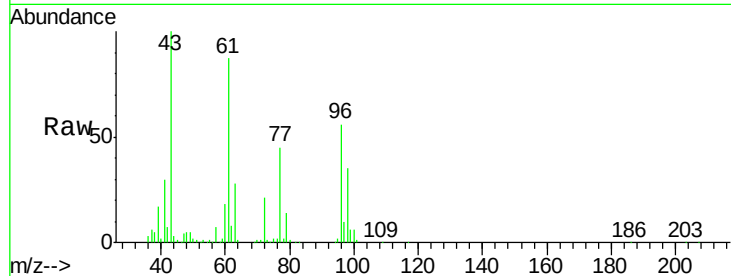
#27  
 cis-1,2-Dichloroethene  
 Concen: 51.525 ug/l  
 RT: 7.17 min Scan# 863  
 Delta R.T. -0.01 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 118544 |       |       |
| 61      | 159.6 | 0.0    | 325.8 |       |
| 98      | 64.0  | 0.0    | 127.0 |       |

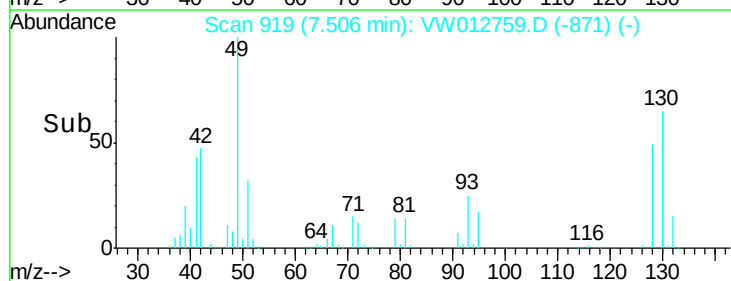
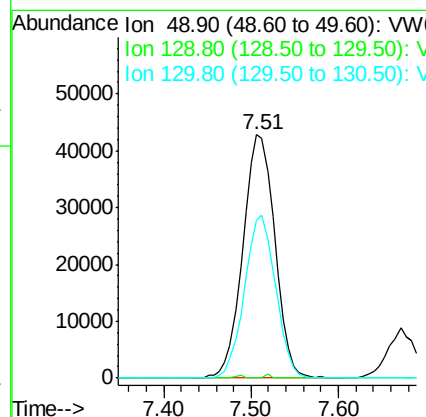
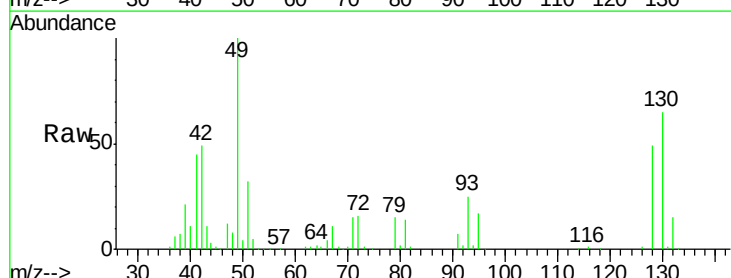
Manual Integrations  
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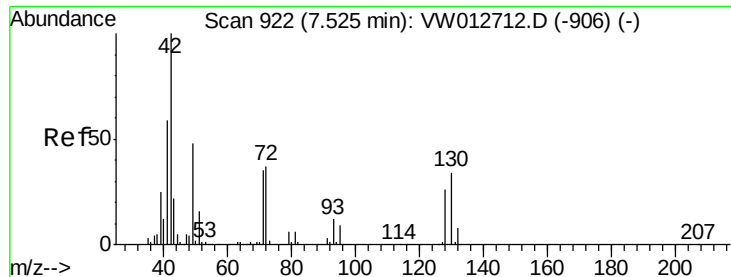
MMDadoda  
 9/10/2019 1:22:40 PM



#28  
 Bromochloromethane  
 Concen: 55.277 ug/l  
 RT: 7.51 min Scan# 919  
 Delta R.T. -0.01 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 109039 |       |       |
| 129     | 0.3   | 0.0    | 0.8   |       |
| 130     | 65.0  | 49.8   | 74.8  |       |





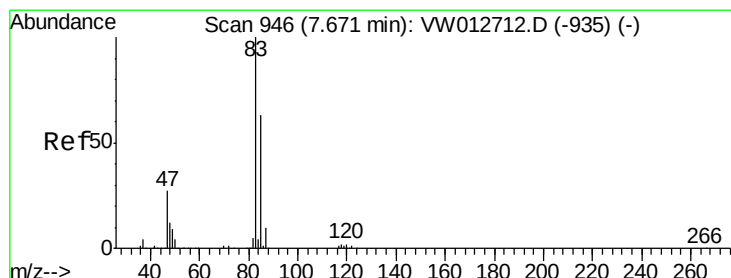
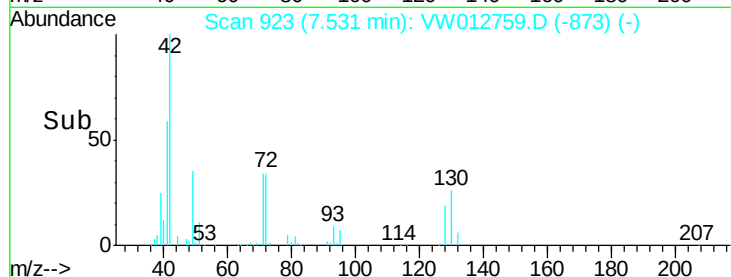
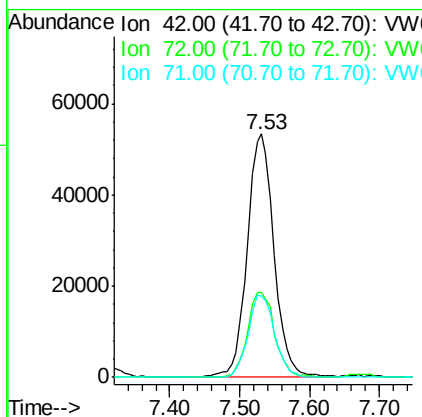
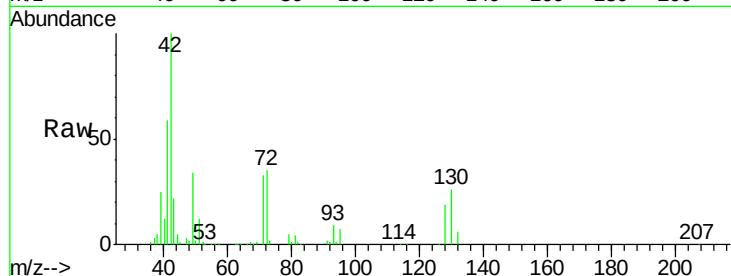
#29  
Tetrahydrofuran  
Concen: 243.188 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. 0.01 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 35.7  | 28.4  | 42.6  |
| 71      | 33.8  | 27.1  | 40.7  |

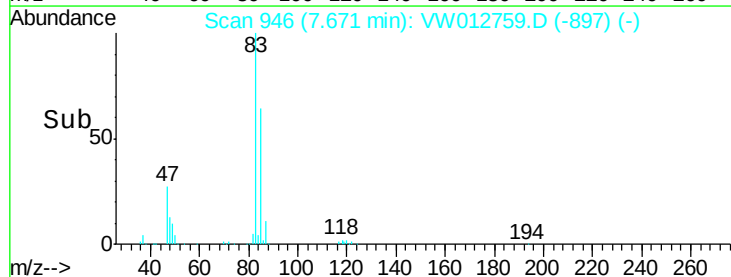
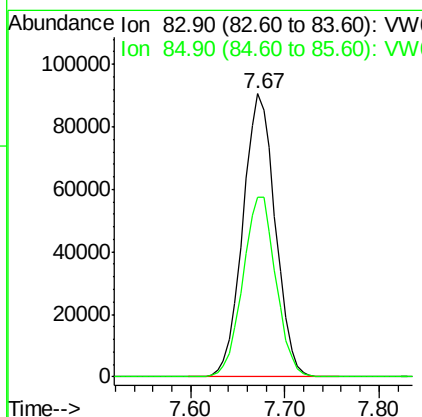
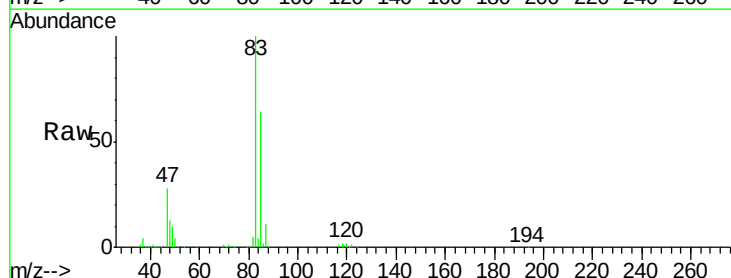
Manual Integrations  
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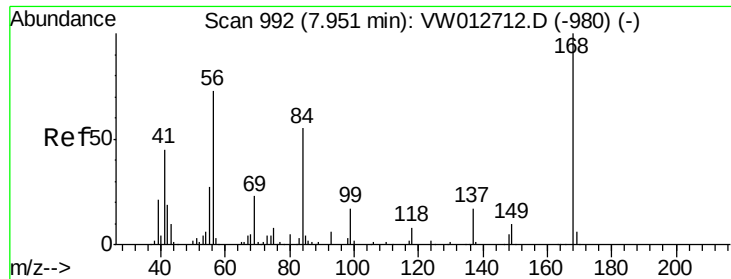
MMDadoda  
9/10/2019 1:22:40 PM



#30  
Chloroform  
Concen: 51.350 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.6  | 50.6  | 76.0  |





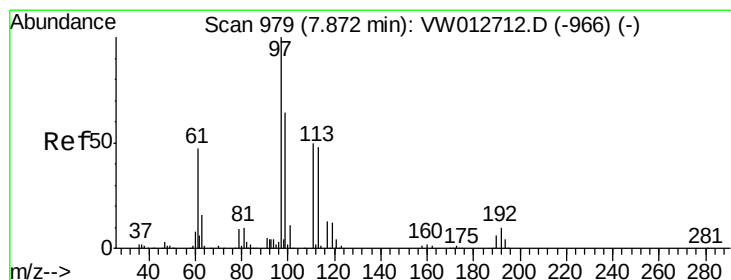
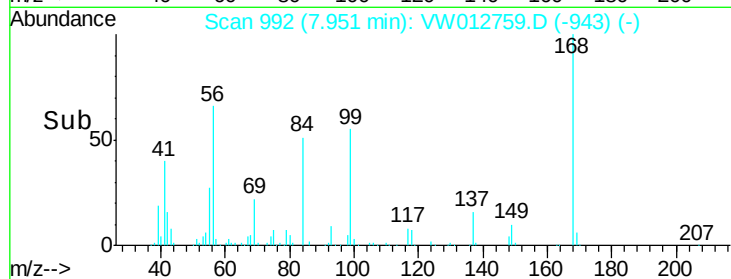
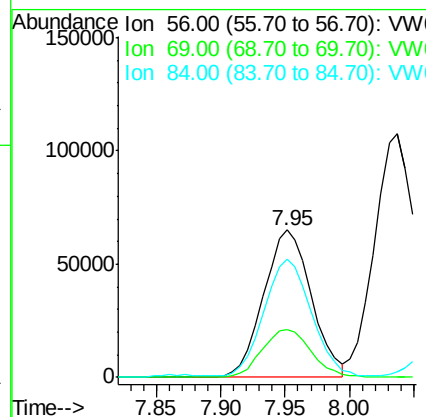
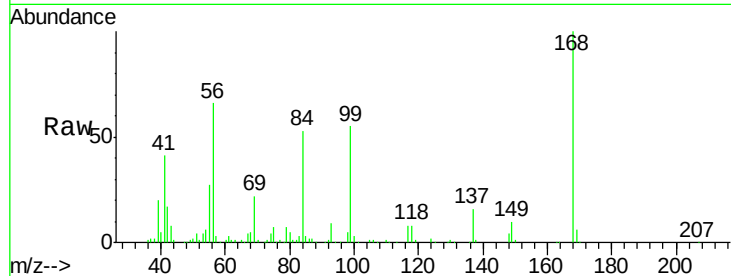
#31  
Cyclohexane  
Concen: 43.278 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.7  | 25.7  | 38.5  |
| 84      | 79.0  | 60.4  | 90.6  |

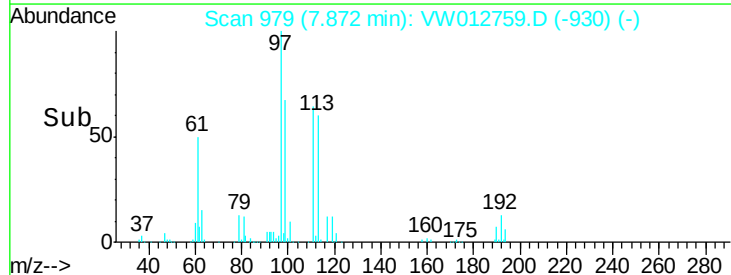
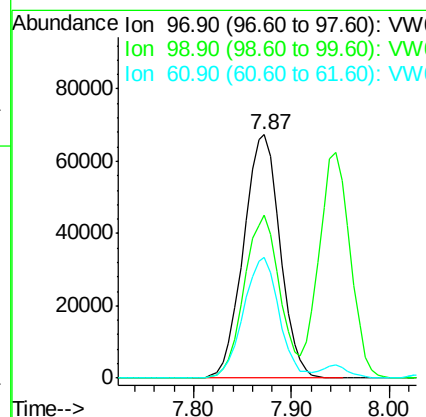
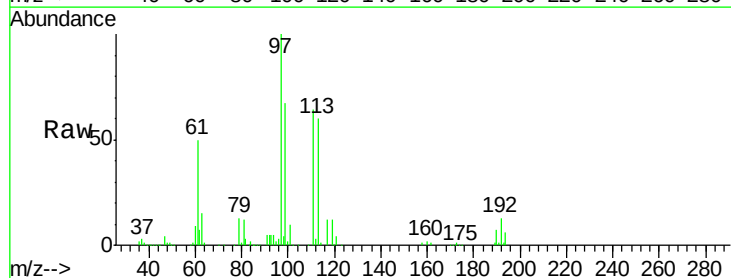
Manual Integrations  
APPROVED

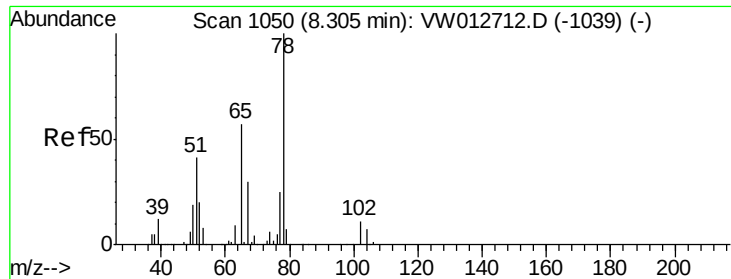
MMDadoda  
9/10/2019 1:22:40 PM



#32  
1,1,1-Trichloroethane  
Concen: 50.403 ug/l  
RT: 7.87 min Scan# 979  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.6  | 51.5  | 77.3  |
| 61      | 48.6  | 37.9  | 56.9  |





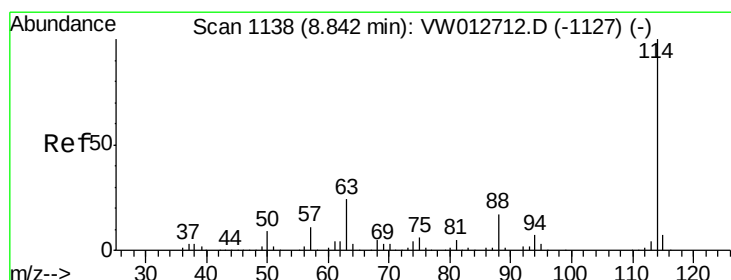
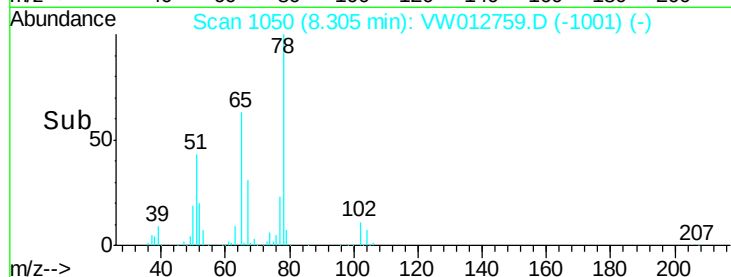
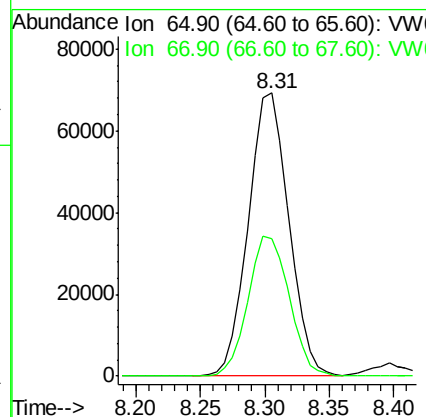
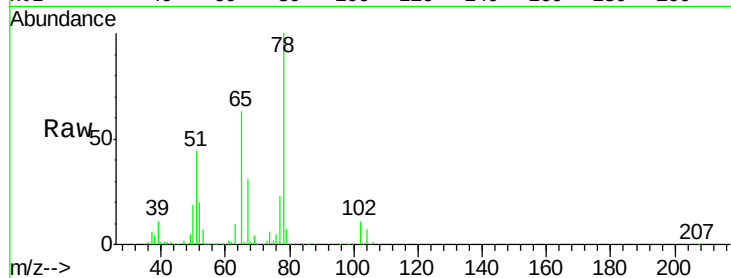
#33  
 1,2-Dichloroethane-d4  
 Concen: 57.384 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 150983 |       |       |
| 67      | 50.4  | 0.0    | 101.8 |       |

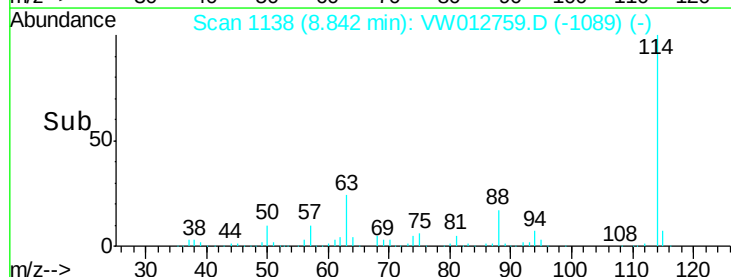
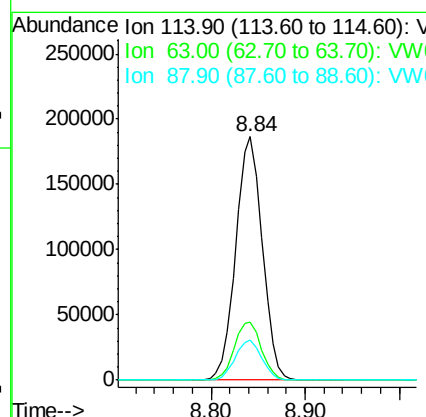
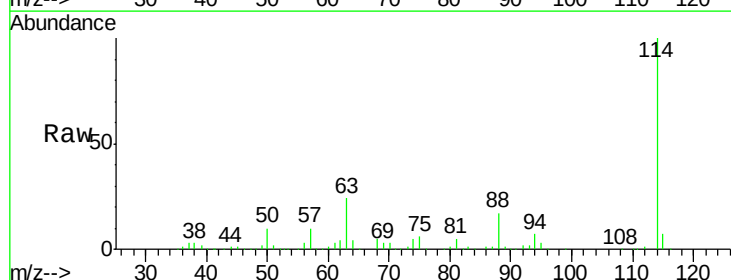
Manual Integrations  
 APPROVED

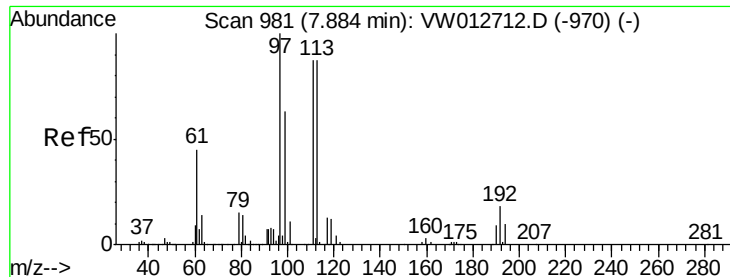
MMDadoda  
 9/10/2019 1:22:40 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 365786 |       |       |
| 63      | 23.9  | 0.0    | 47.2  |       |
| 88      | 16.7  | 0.0    | 34.0  |       |





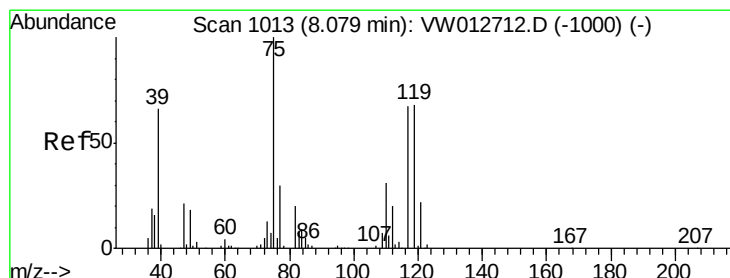
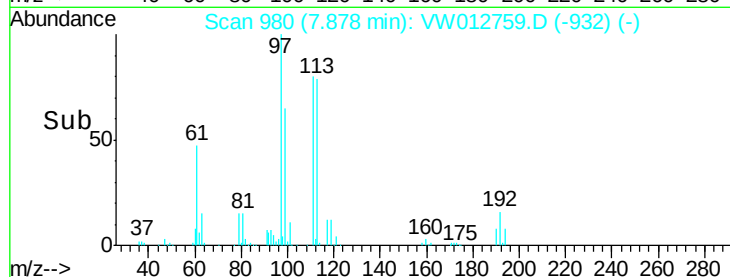
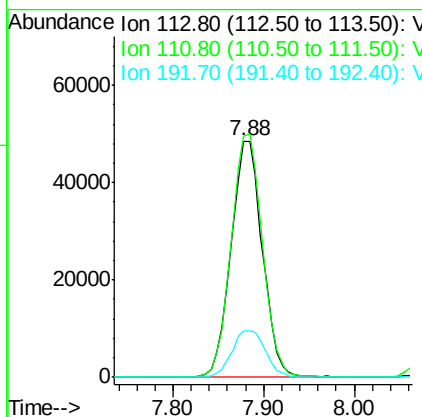
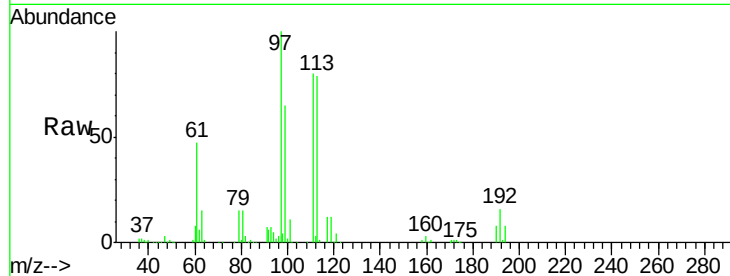
#35  
 Dibromofluoromethane  
 Concen: 53.494 ug/l  
 RT: 7.88 min Scan# 980  
 Delta R.T. -0.01 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 116333 |       |       |
| 111     | 103.1 | 80.2   | 120.4 |       |
| 192     | 21.2  | 17.3   | 25.9  |       |

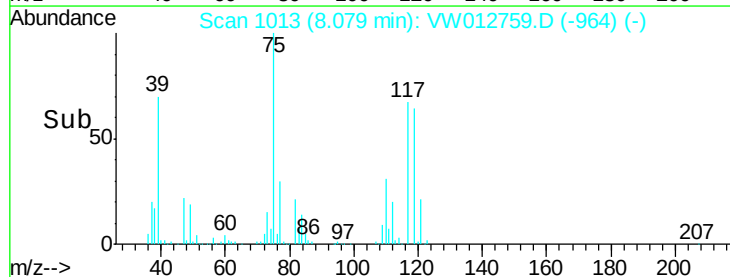
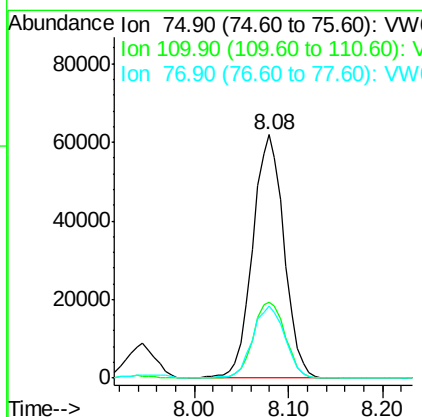
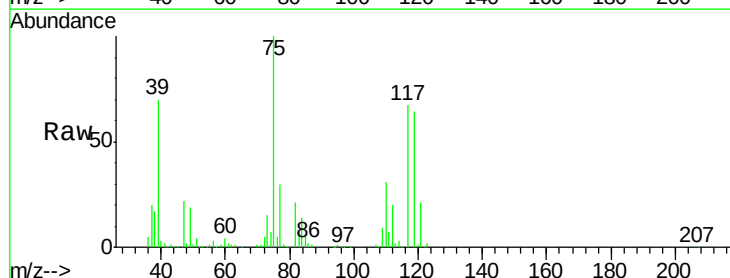
Manual Integrations  
 APPROVED

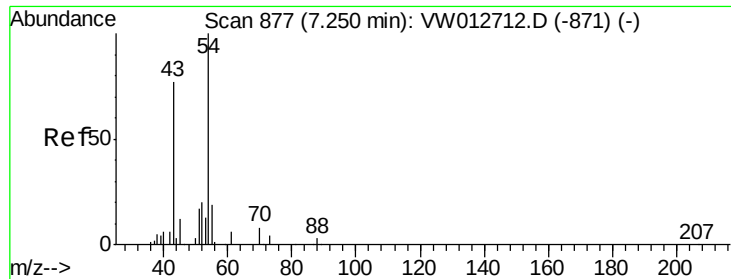
MMDadoda  
 9/10/2019 1:22:40 PM



#36  
 1,1-Dichloropropene  
 Concen: 44.608 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 144981 |       |       |
| 110     | 32.2  | 15.9   | 47.7  |       |
| 77      | 30.7  | 25.0   | 37.4  |       |





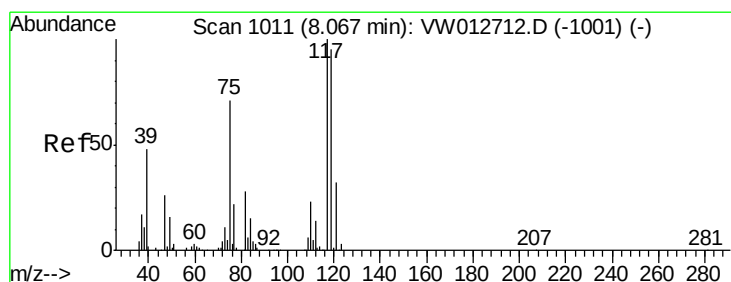
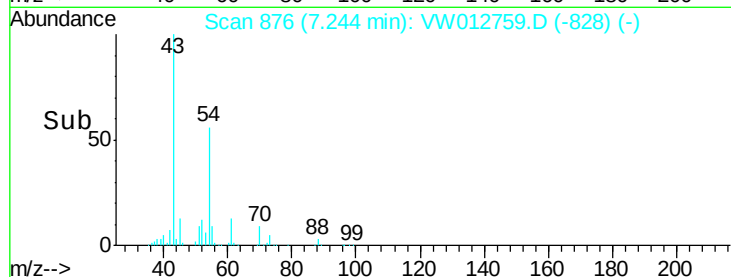
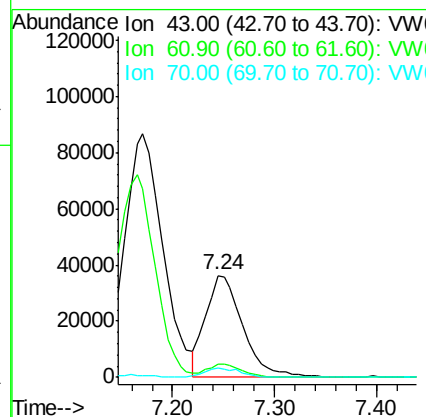
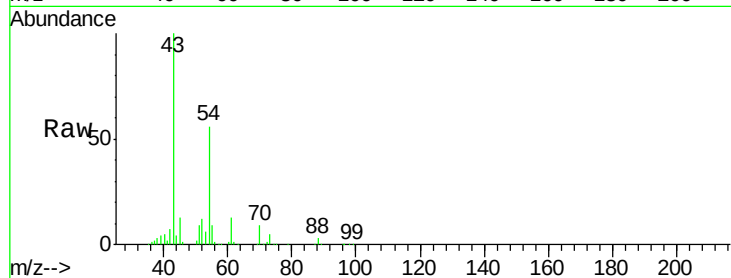
#37  
Ethyl Acetate  
Concen: 43.786 ug/l  
RT: 7.24 min Scan# 876  
Delta R.T. -0.01 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 43      | 100   | 90719 |       |       |
| 61      | 12.8  |       | 9.5   | 14.3  |
| 70      | 9.2   |       | 7.0   | 10.6  |

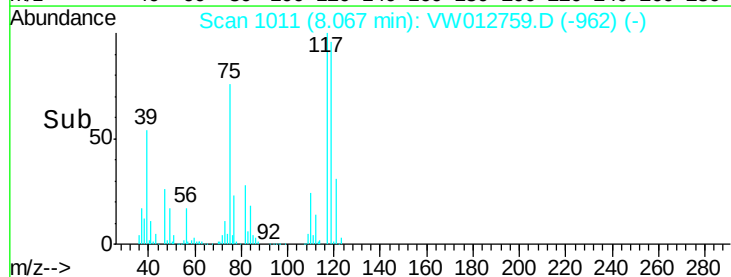
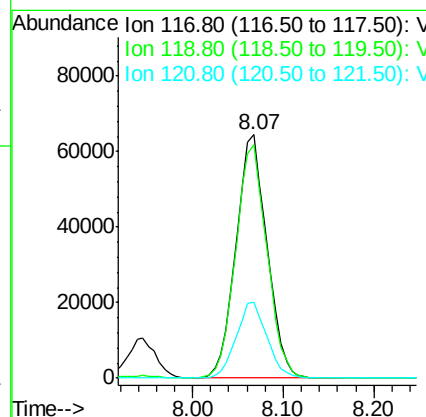
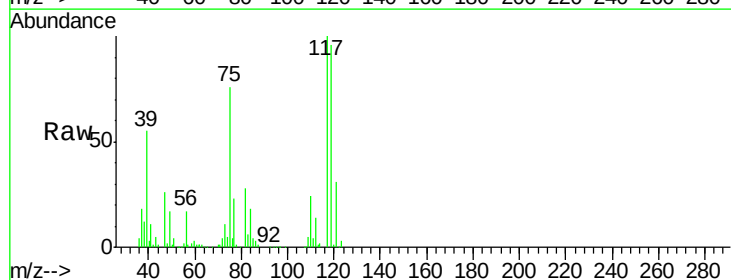
Manual Integrations  
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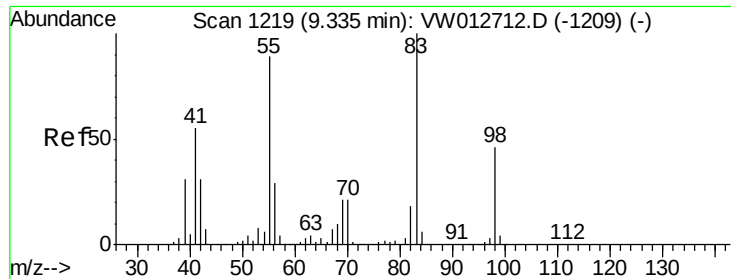


#38  
Carbon Tetrachloride  
Concen: 47.767 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 153037 |       |       |
| 119     | 96.1  |        | 76.2  | 114.2 |
| 121     | 30.9  |        | 25.4  | 38.2  |







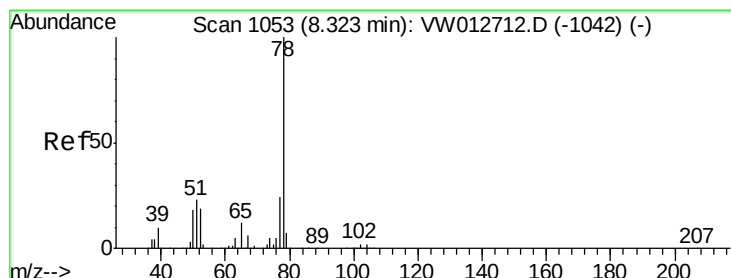
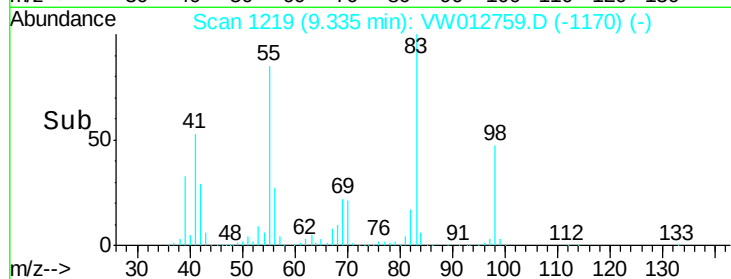
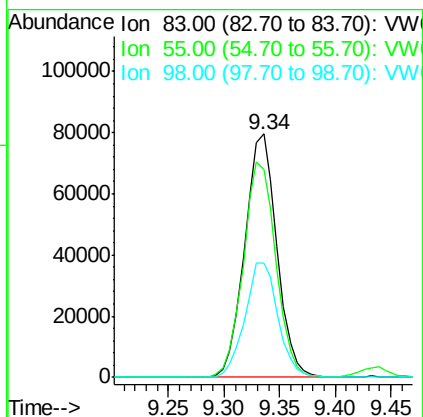
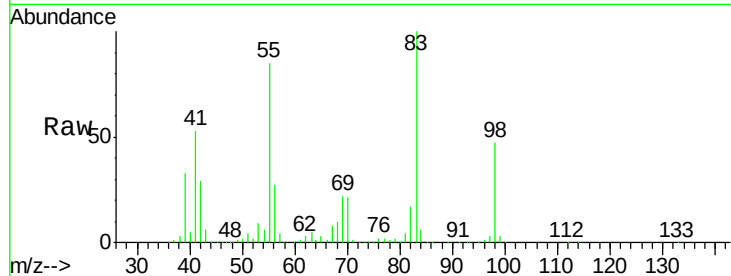
#39  
Methylvlcyclohexane  
Concen: 43.891 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 83.00 | Resp  | 160215 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 83      | 100   |       |        |
| 55      | 85.2  | 71.0  | 106.4  |
| 98      | 47.1  | 36.9  | 55.3   |

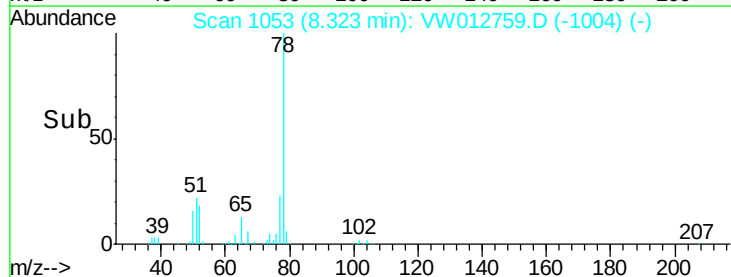
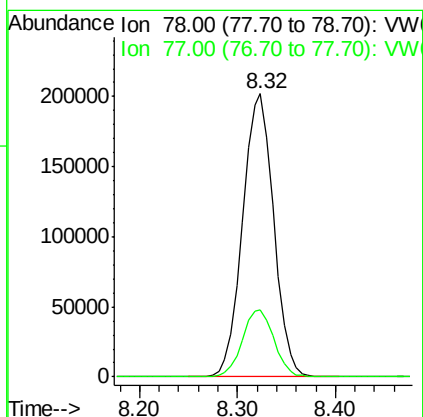
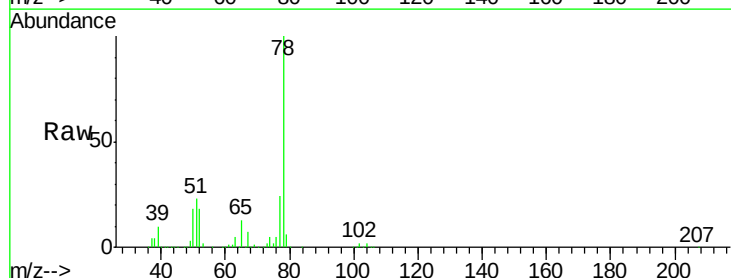
Manual Integrations  
APPROVED

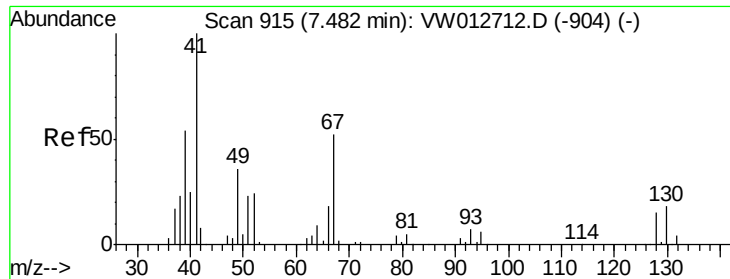
MMDadoda  
9/10/2019 1:22:40 PM



#40  
Benzene  
Concen: 49.257 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | 78.00 | Resp  | 444177 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 78      | 100   |       |        |
| 77      | 23.5  | 19.3  | 28.9   |





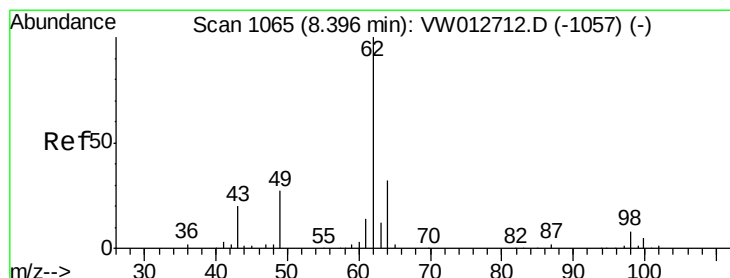
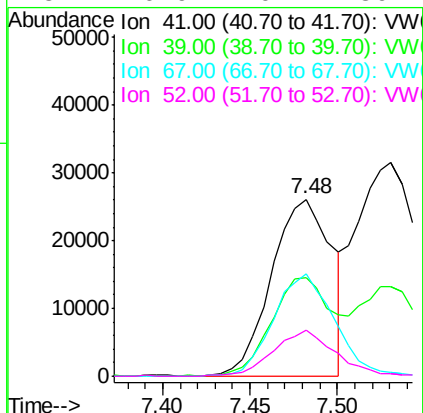
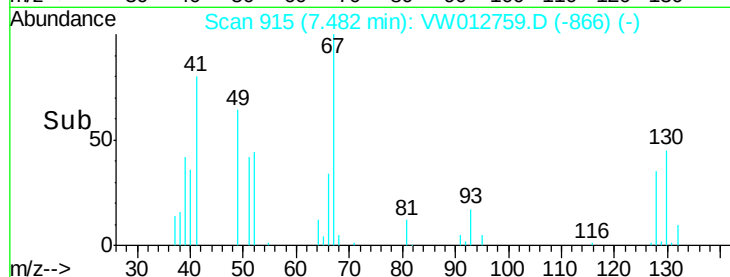
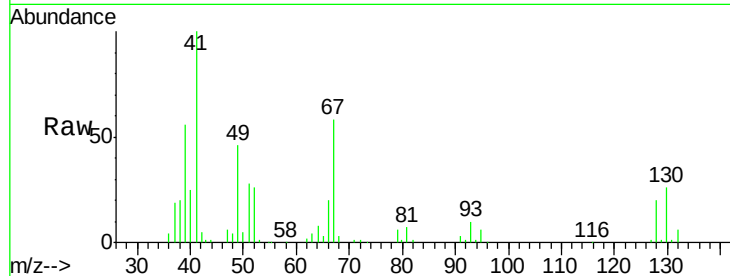
#41  
Methacrylonitrile  
Concen: 44.683 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 60.1  | 47.5  | 71.3  |
| 67      | 59.4  | 45.1  | 67.7  |
| 52      | 26.9  | 20.2  | 30.2  |

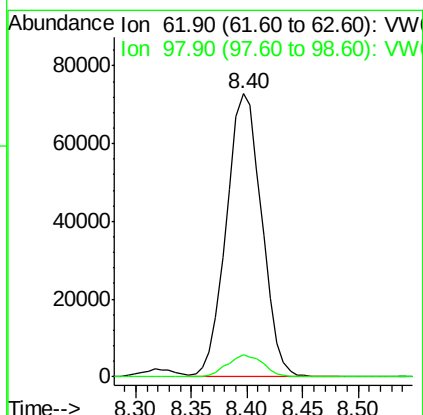
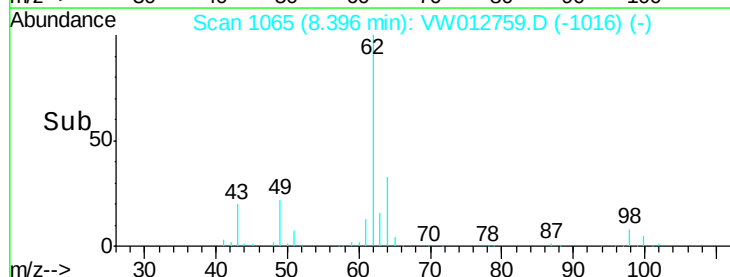
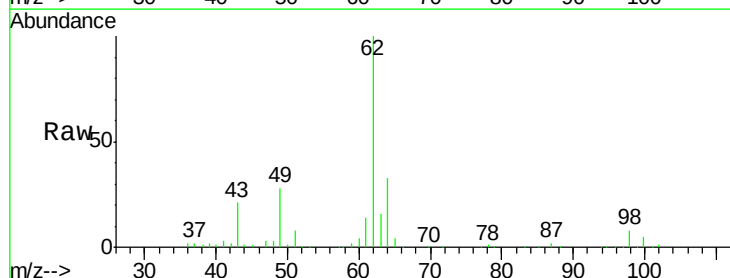
Manual Integrations  
APPROVED

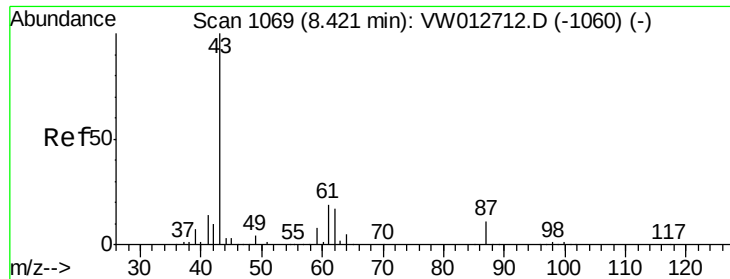
MMDadoda  
9/10/2019 1:22:40 PM



#42  
1,2-Dichloroethane  
Concen: 50.472 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.0   | 0.0   | 16.2  |





#43

Isopropyl Acetate

Concen: 50.193 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

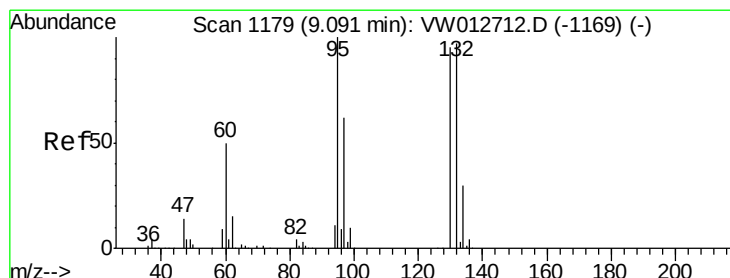
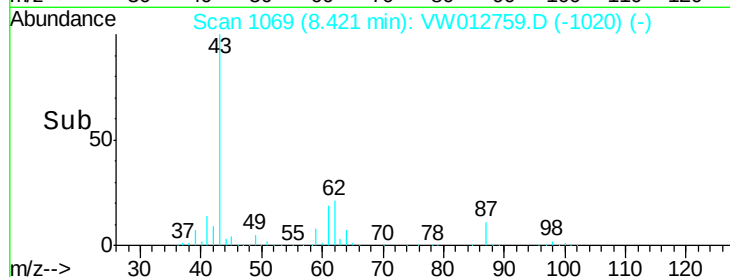
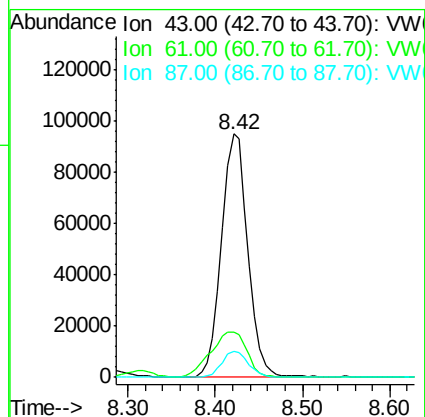
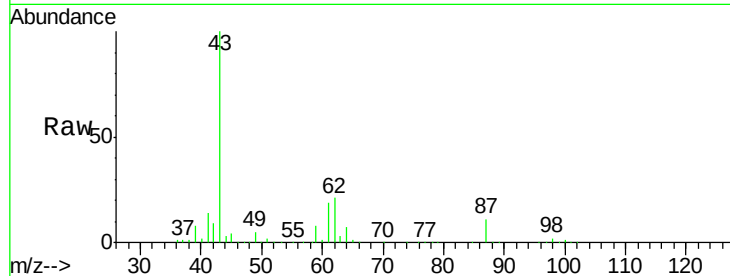
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 197021 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 26.2  | 20.6  | 30.8   |
| 87       | 10.8  | 8.6   | 13.0   |

Manual Integrations  
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9/10/2019 1:22:40 PM



#44

Trichloroethene

Concen: 45.408 ug/l

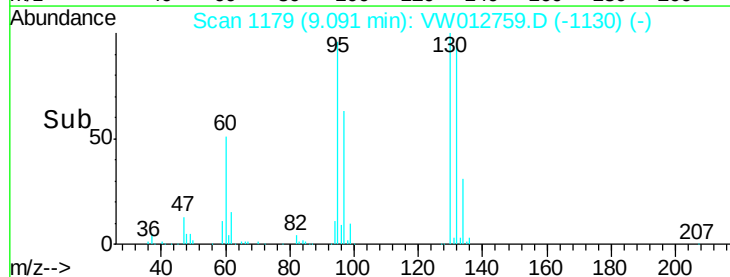
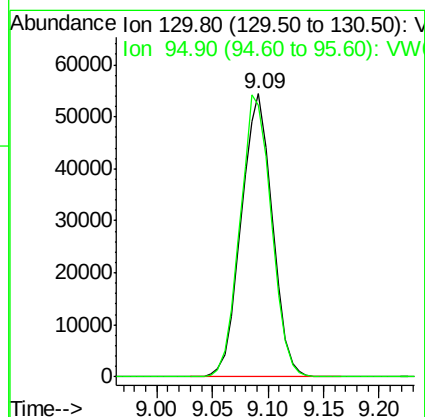
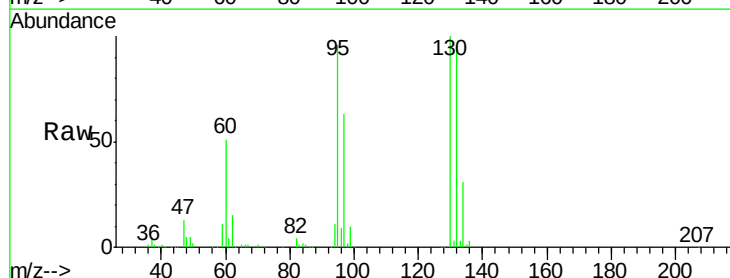
RT: 9.09 min Scan# 1179

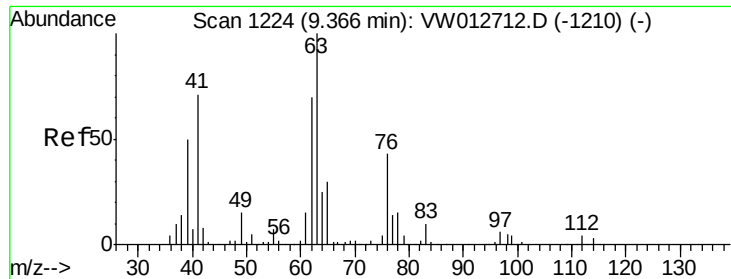
Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 105547 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 96.1  | 0.0   | 210.6  |





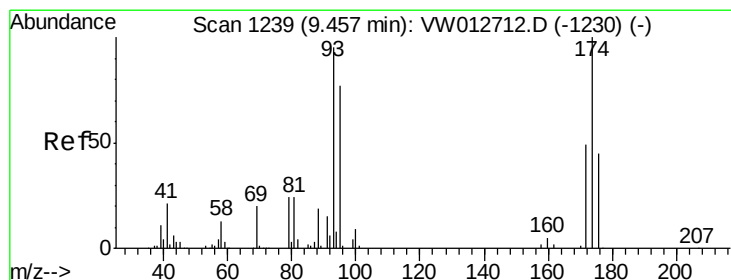
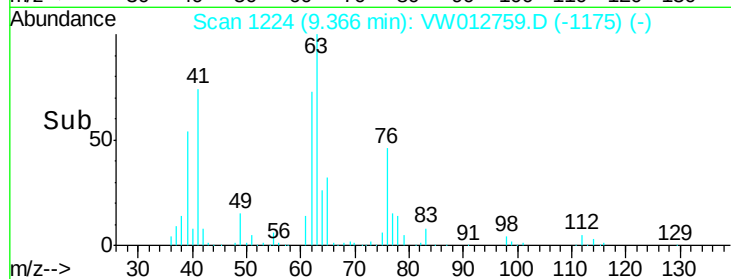
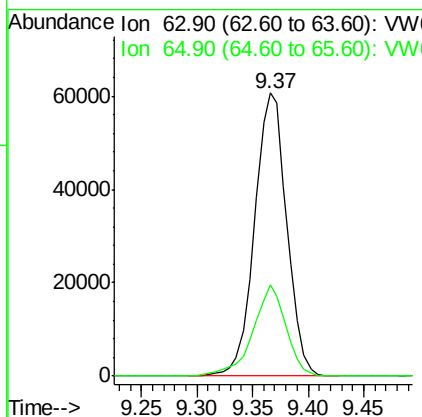
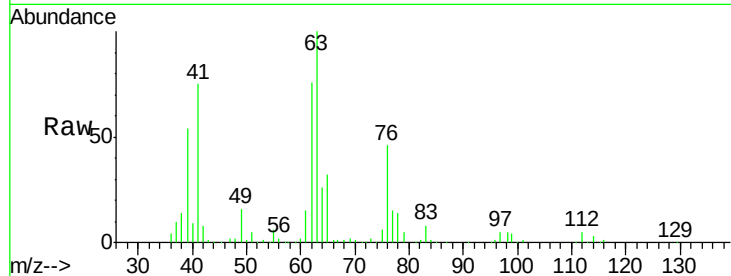
#45  
 1,2-Dichloropropane  
 Concen: 48.780 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. 0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 63 Resp: 121999  
 Ion Ratio Lower Upper  
 63 100  
 65 32.3 23.8 35.8

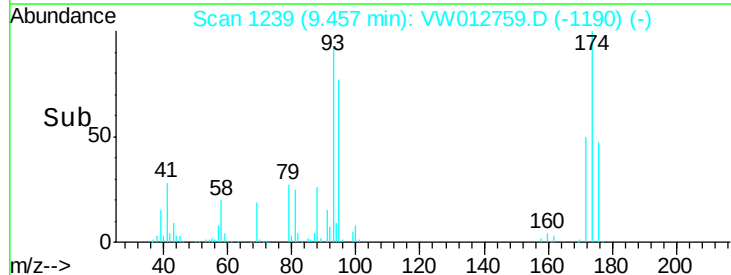
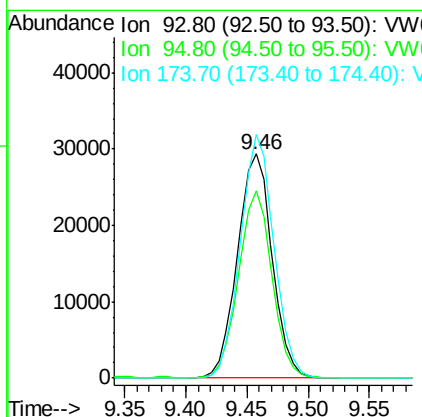
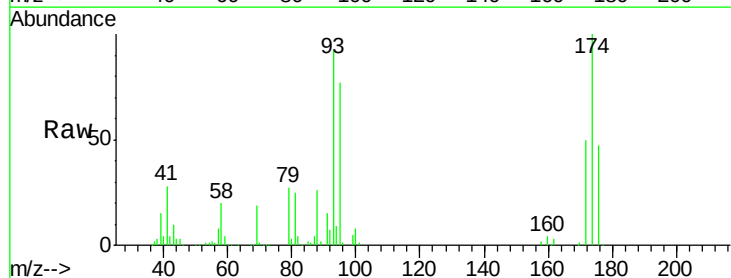
Manual Integrations  
 APPROVED

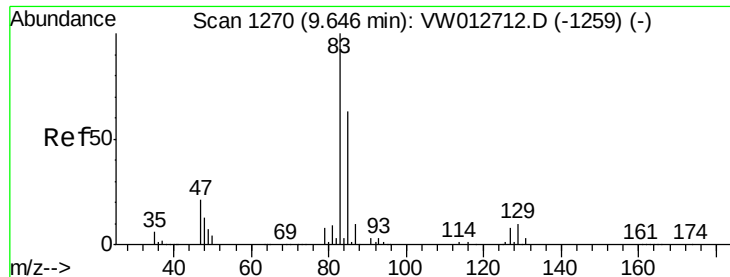
MMDadoda  
 9/10/2019 1:22:40 PM



#46  
 Dibromomethane  
 Concen: 48.812 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. 0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

Tgt Ion: 93 Resp: 57809  
 Ion Ratio Lower Upper  
 93 100  
 95 80.8 65.2 97.8  
 174 105.5 84.2 126.4





#47

Bromodichloromethane

Concen: 50.910 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

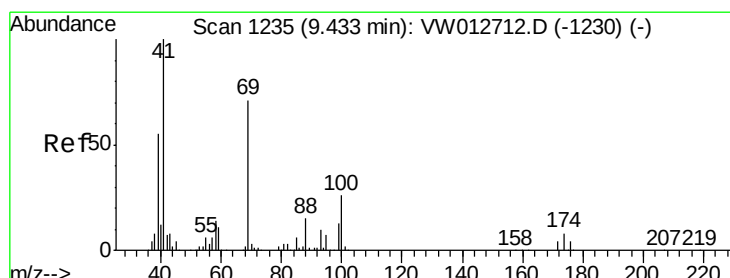
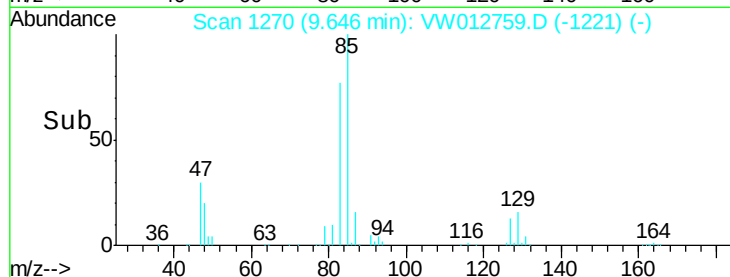
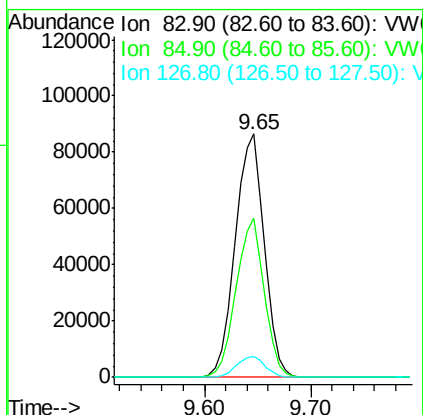
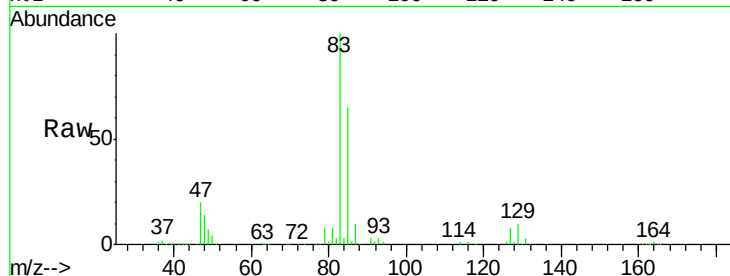
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 165884 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.1  | 50.2  | 75.2   |
| 127      | 8.4   | 6.6   | 9.8    |

Manual Integrations  
APPROVED

MMDadoda  
9/10/2019 1:22:40 PM



#48

Methyl methacrylate

Concen: 48.883 ug/l

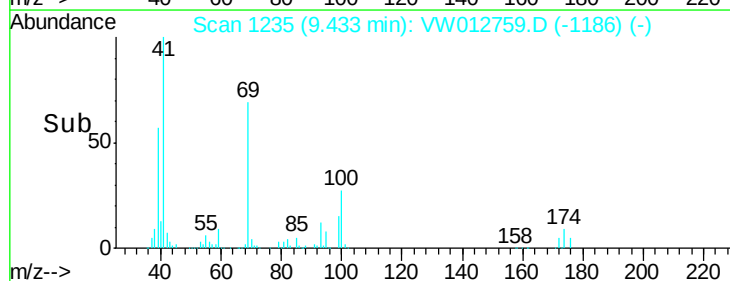
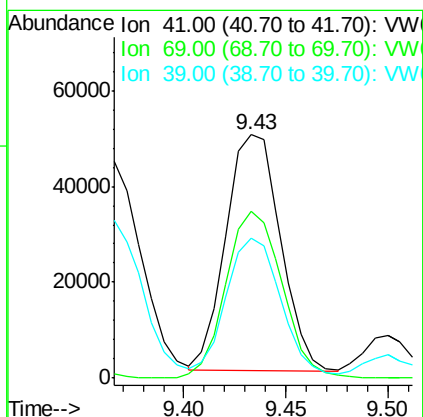
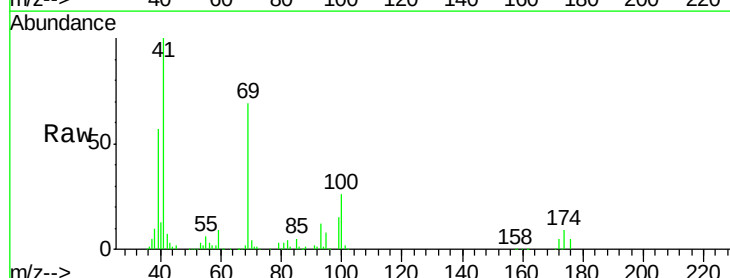
RT: 9.43 min Scan# 1235

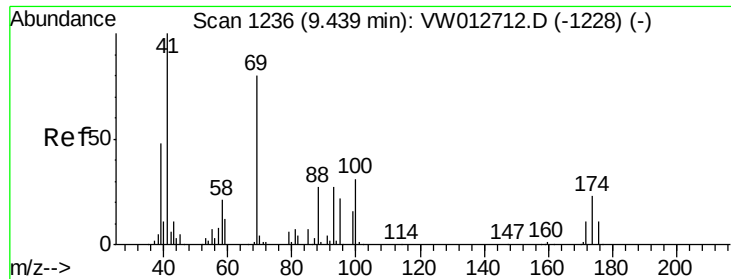
Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 91696 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 72.1  | 59.8  | 89.8  |
| 39       | 60.2  | 47.0  | 70.6  |





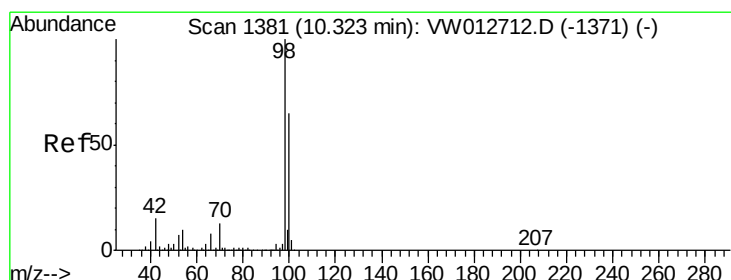
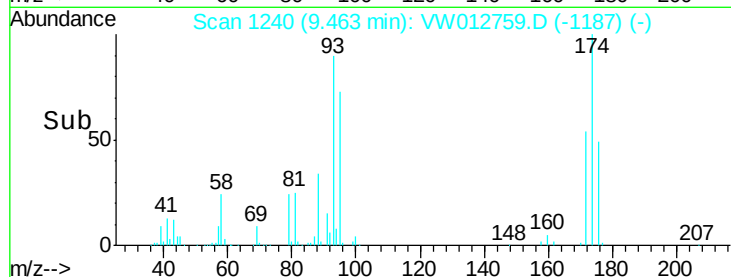
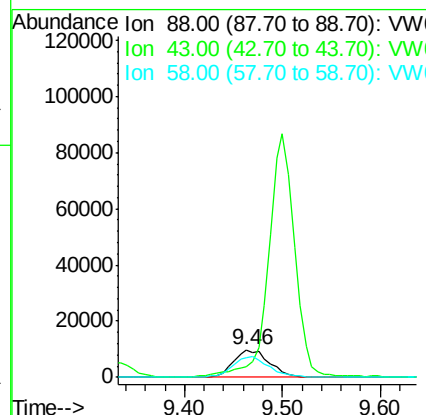
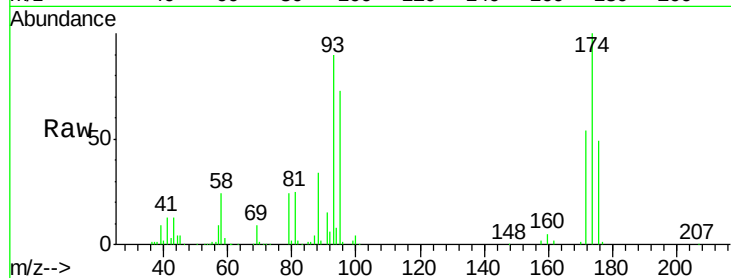
#49  
1,4-Dioxane  
Concen: 1069.765 ug/l  
RT: 9.46 min Scan# 1240  
Delta R.T. 0.02 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 88      | 100   | 25026 |       |       |
| 43      | 0.0   | 34.8  | 52.2# |       |
| 58      | 77.2  | 64.1  | 96.1  |       |

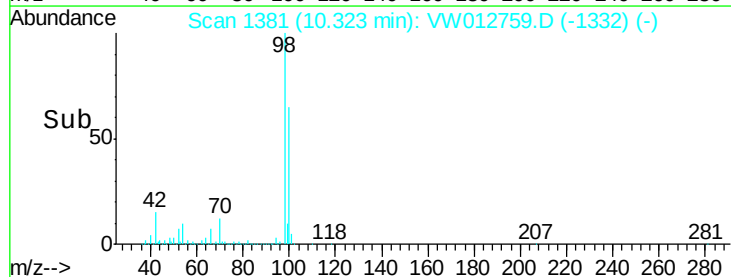
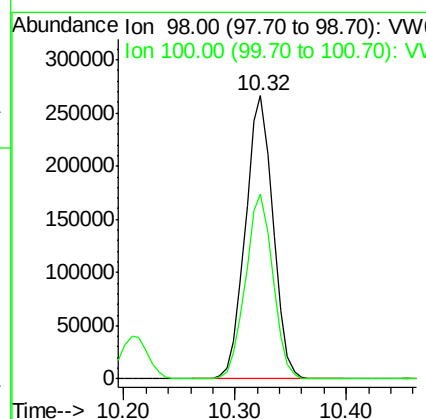
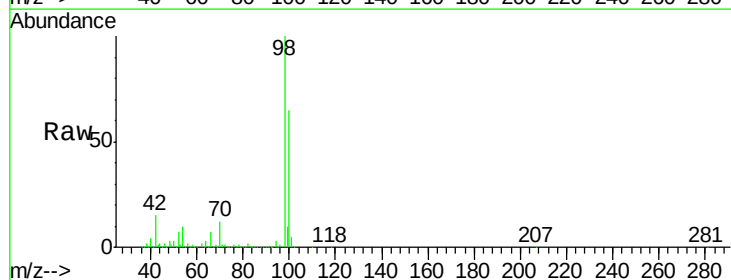
Manual Integrations  
APPROVED

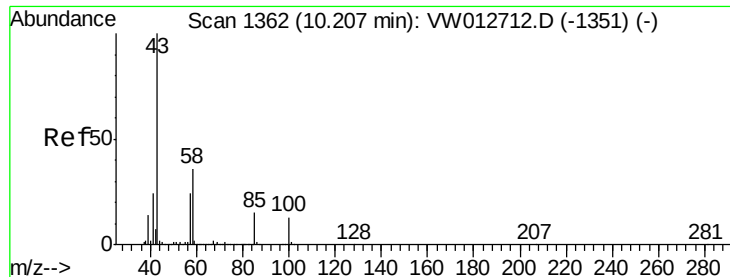
MMDadoda  
9/10/2019 1:22:40 PM



#50  
Toluene-d8  
Concen: 53.697 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 98      | 100   | 457497 |       |       |
| 100     | 64.8  | 52.2   | 78.4  |       |





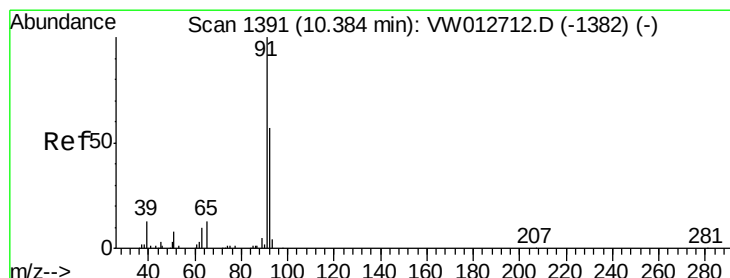
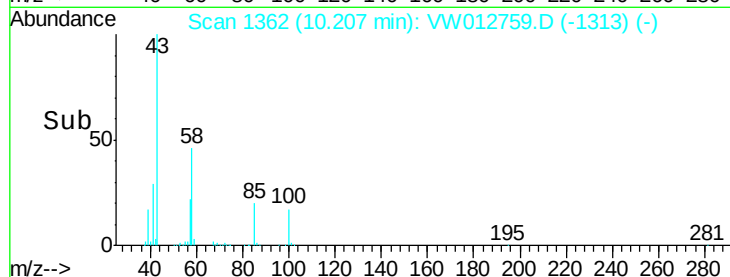
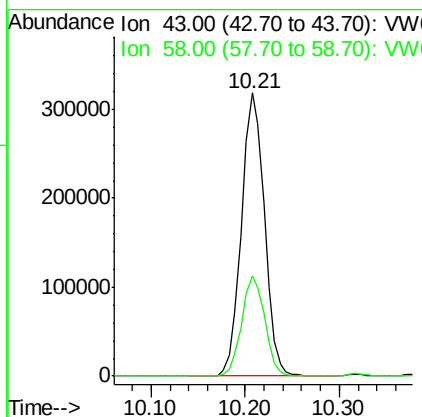
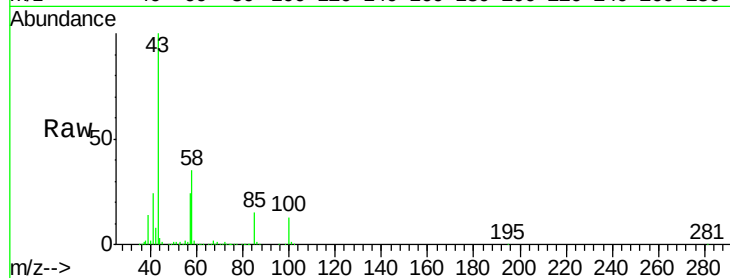
#51  
4-Methyl-2-Pentanone  
Concen: 264.161 ug/l  
RT: 10.21 min Scan# 1362  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 35.4  | 28.4  | 42.6  |

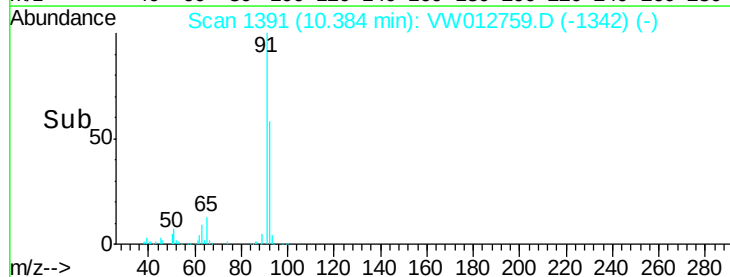
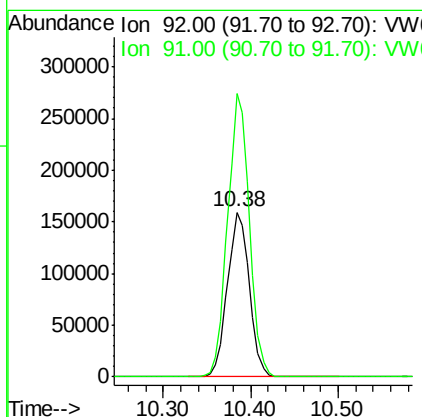
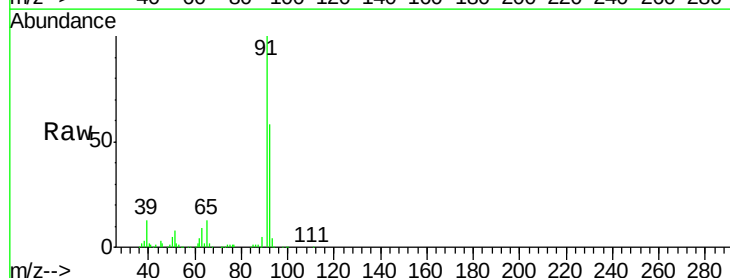
Manual Integrations  
APPROVED

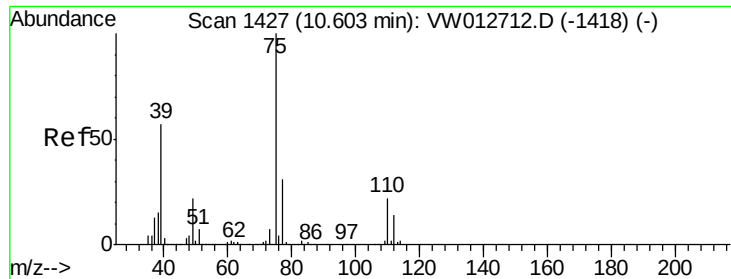
MMDadoda  
9/10/2019 1:22:40 PM



#52  
Toluene  
Concen: 49.155 ug/l  
RT: 10.38 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 170.8 | 137.0 | 205.4 |





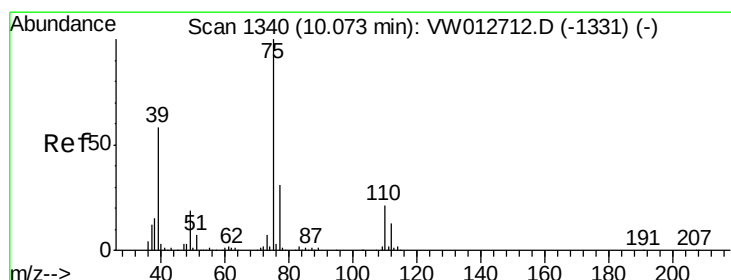
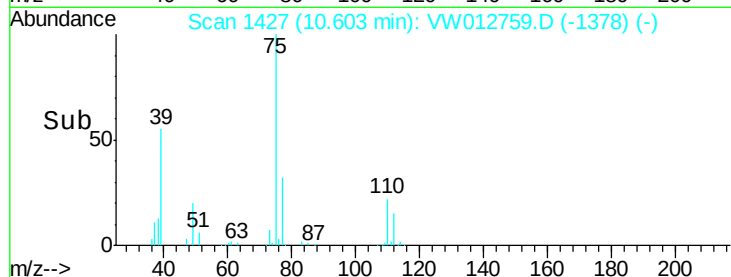
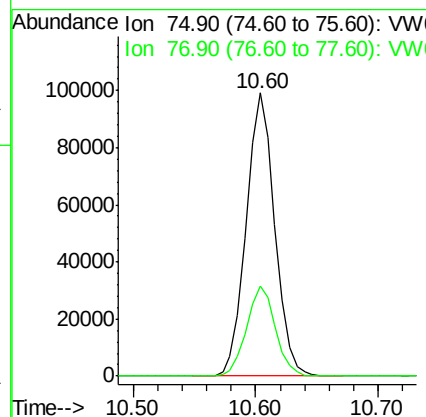
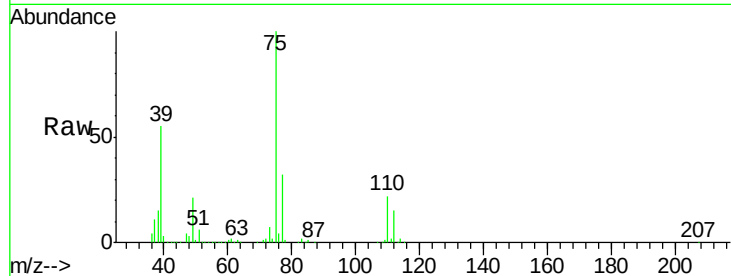
#53  
t-1,3-Dichloropropene  
Concen: 47.803 ug/l  
RT: 10.60 min Scan# 1427  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 75 Resp: 160163  
Ion Ratio Lower Upper  
75 100  
77 31.8 24.7 37.1

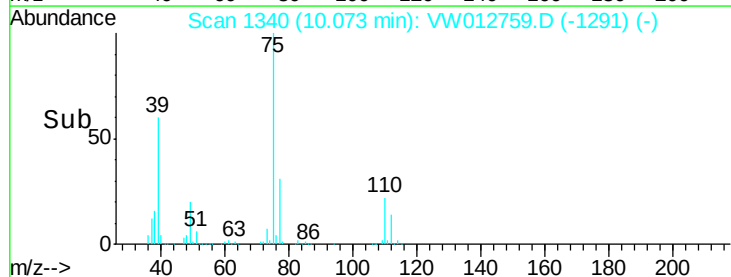
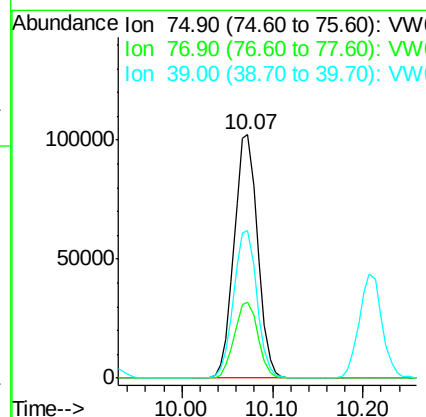
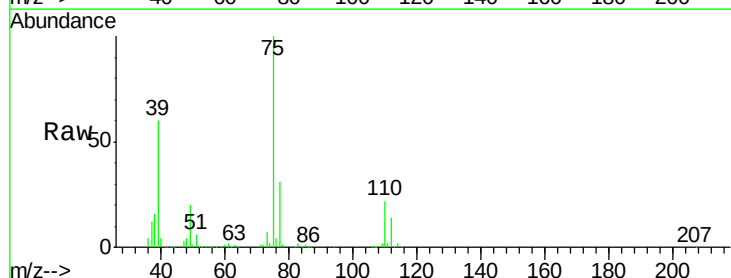
Manual Integrations  
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9/10/2019 1:22:40 PM

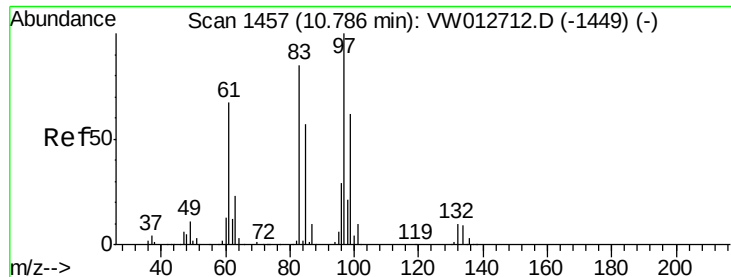


#54  
cis-1,3-Dichloropropene  
Concen: 48.542 ug/l  
RT: 10.07 min Scan# 1340  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Tgt Ion: 75 Resp: 184502  
Ion Ratio Lower Upper  
75 100  
77 31.0 24.6 36.8  
39 60.4 46.3 69.5







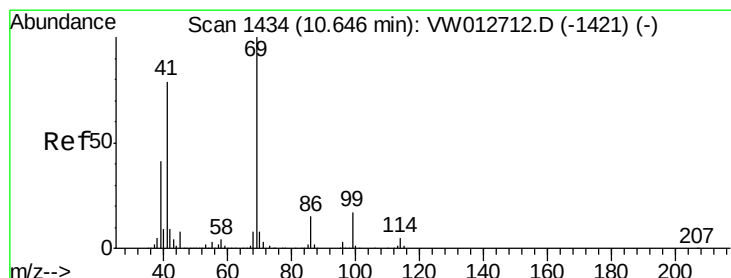
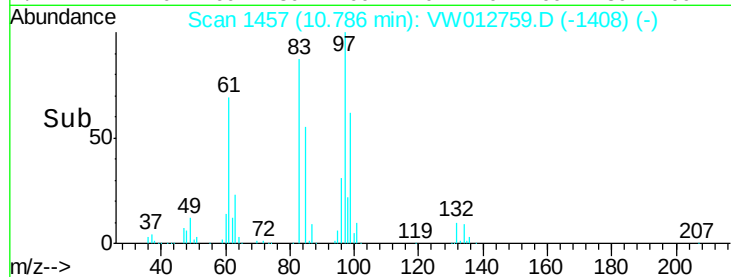
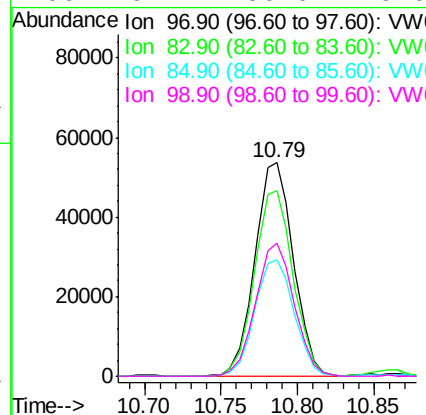
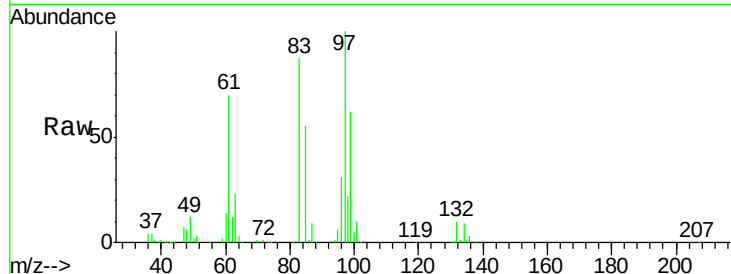
#55  
 1,1,2-Trichloroethane  
 Concen: 53.047 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 94056 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.2  | 68.1  | 102.1 |
| 85       | 54.7  | 45.3  | 67.9  |
| 99       | 62.1  | 50.0  | 75.0  |

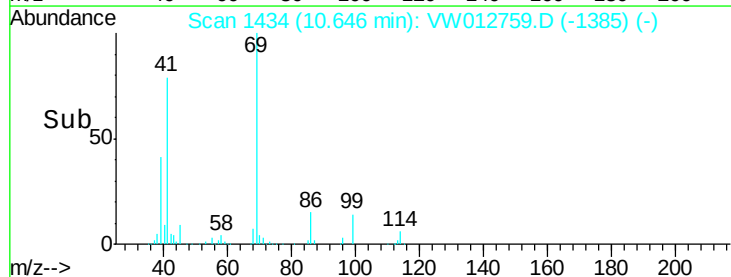
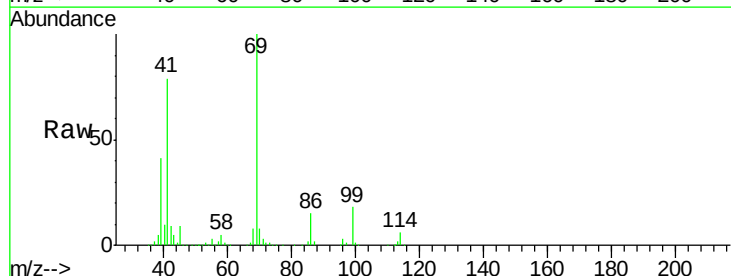
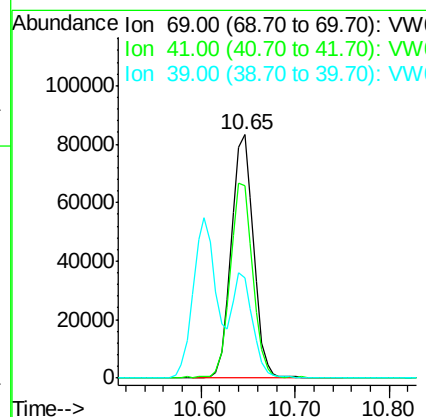
Manual Integrations  
 APPROVED

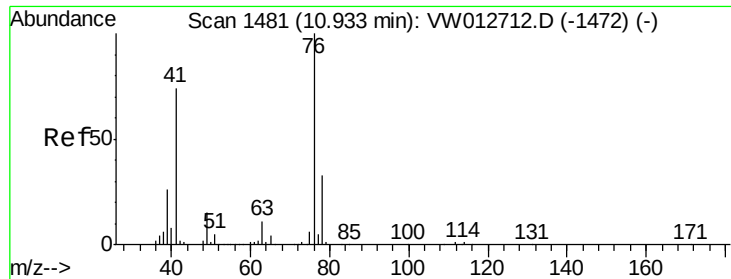
MMDadoda  
 9/10/2019 1:22:40 PM



#56  
 Ethyl methacrylate  
 Concen: 52.539 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 136363 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 81.1  | 64.4  | 96.6   |
| 39       | 38.0  | 31.1  | 46.7   |





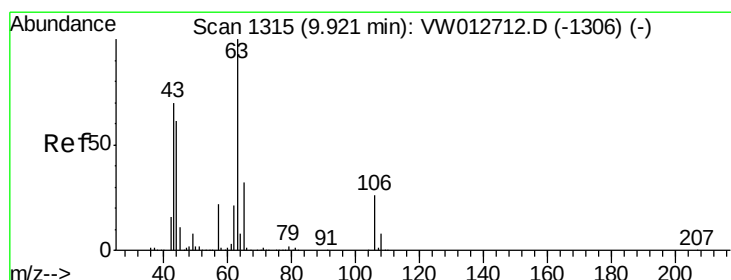
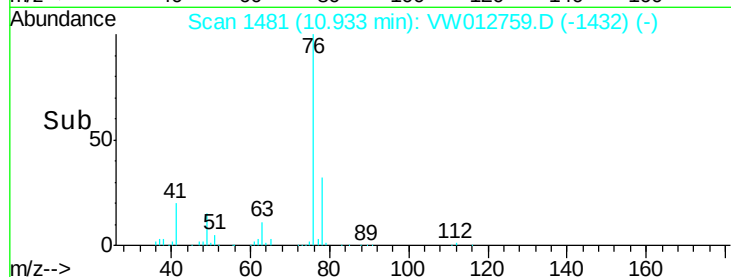
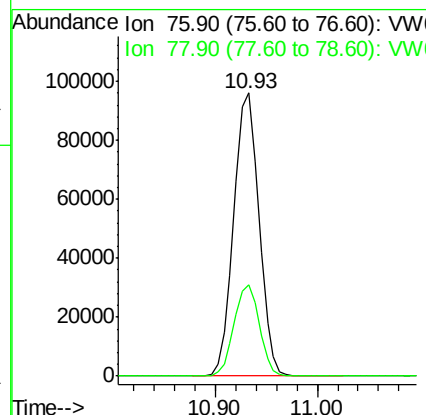
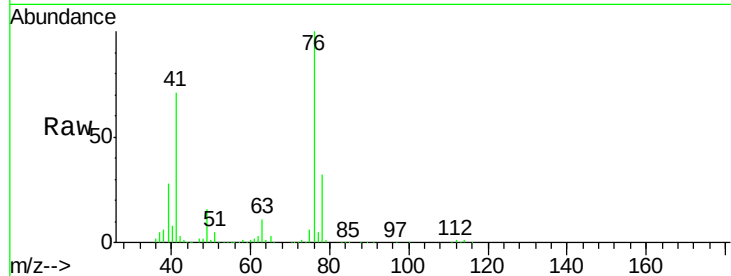
#57  
 1,3-Dichloropropane  
 Concen: 50.118 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 76 Resp: 164396  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 25.9 38.9

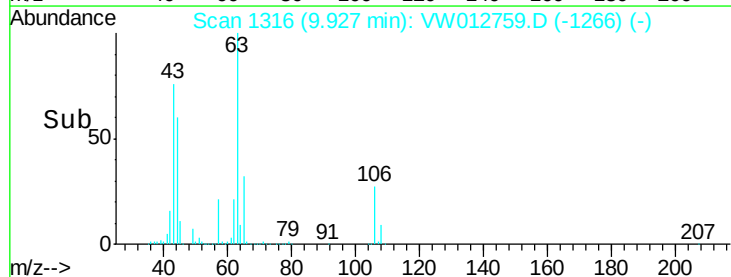
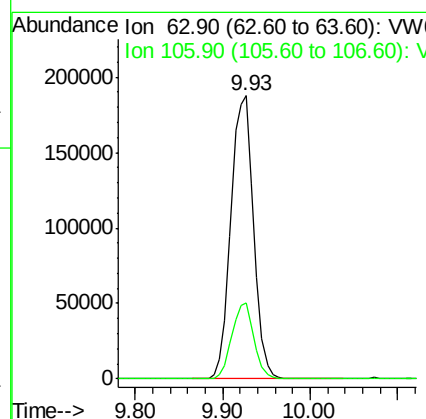
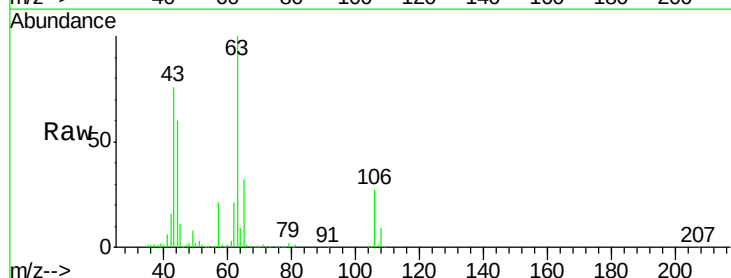
Manual Integrations  
 APPROVED

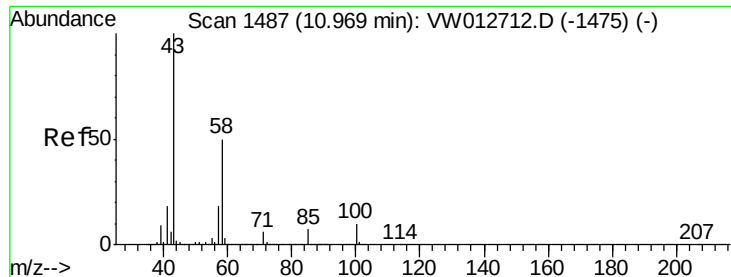
MMDadoda  
 9/10/2019 1:22:40 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 244.859 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.01 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

Tgt Ion: 63 Resp: 337384  
 Ion Ratio Lower Upper  
 63 100  
 106 26.0 20.5 30.7





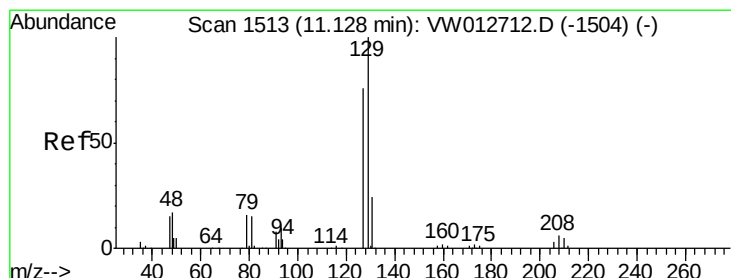
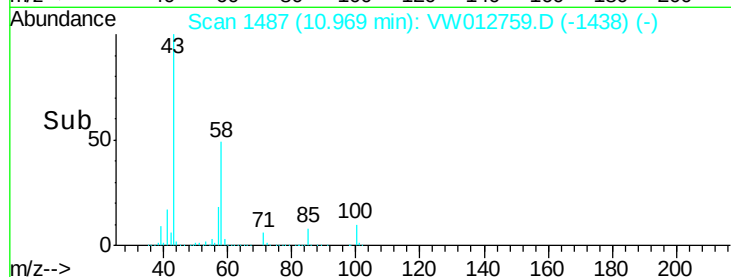
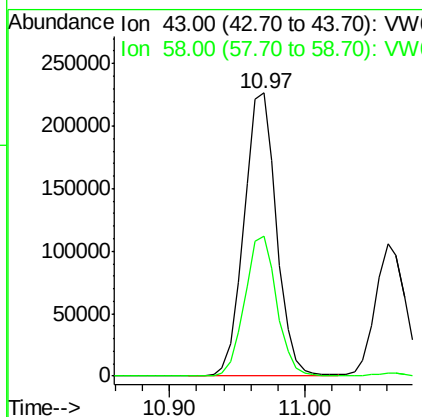
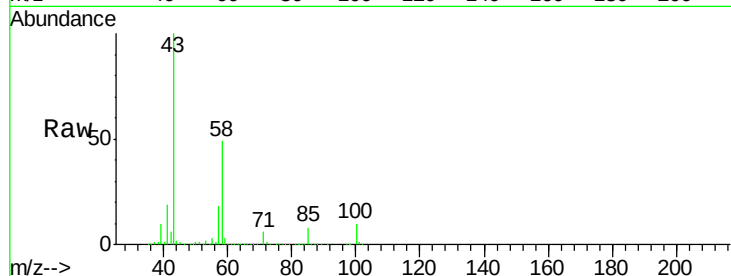
#59  
2-Hexanone  
Concen: 251.101 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 43 | Resp | 377852 |
|-----------|----|------|--------|
| Ion Ratio | 43 | 100  |        |
| Lower     | 58 | 49.0 | 24.7   |
| Upper     |    |      | 74.1   |

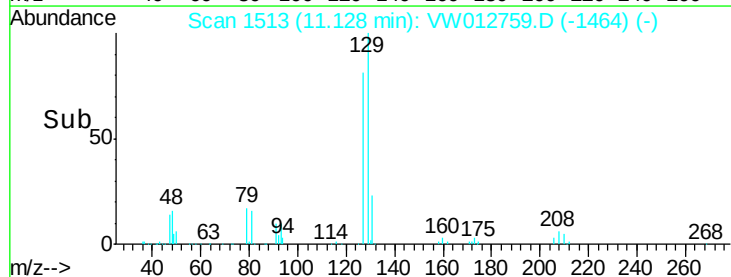
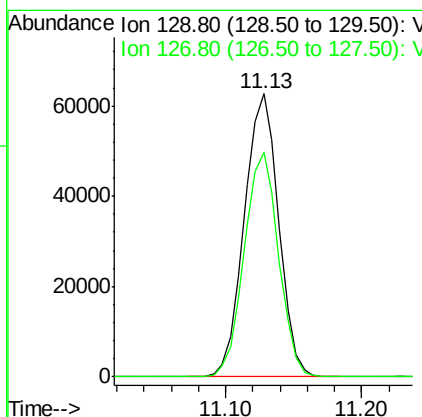
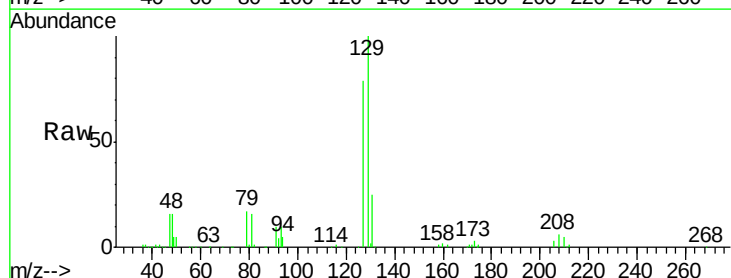
Manual Integrations  
APPROVED

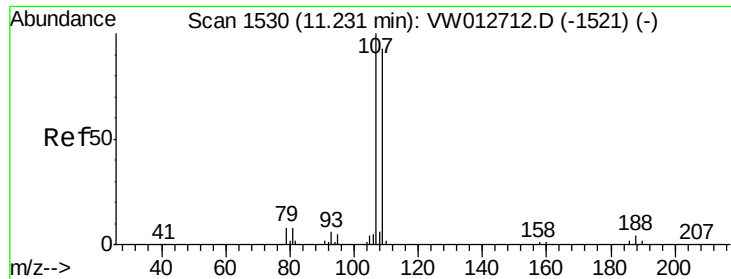
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9/10/2019 1:22:40 PM



#60  
Dibromochloromethane  
Concen: 53.167 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion   | 129 | Resp | 110869 |
|-----------|-----|------|--------|
| Ion Ratio | 129 | 100  |        |
| Lower     | 127 | 79.2 | 38.6   |
| Upper     |     |      | 115.8  |





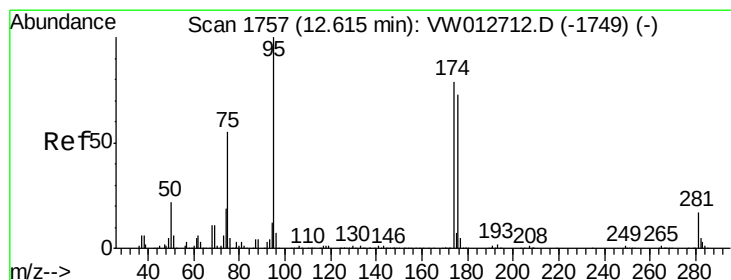
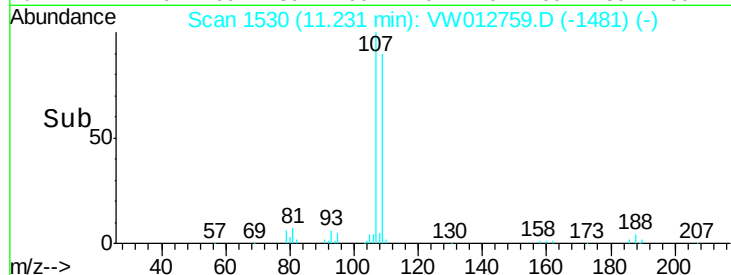
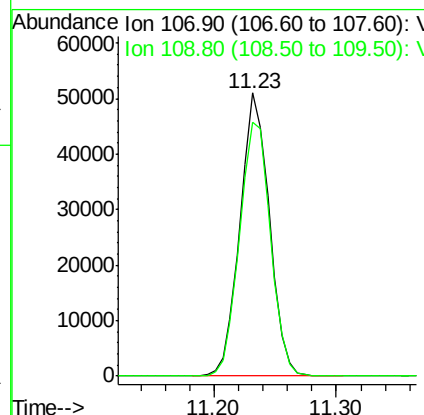
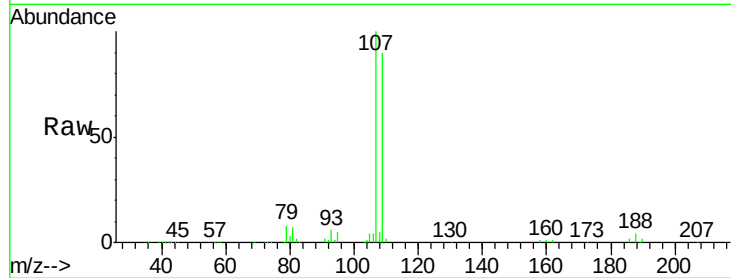
#61  
 1,2-Dibromoethane  
 Concen: 52.143 ug/l  
 RT: 11.23 min Scan# 1530  
 Delta R.T. 0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

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

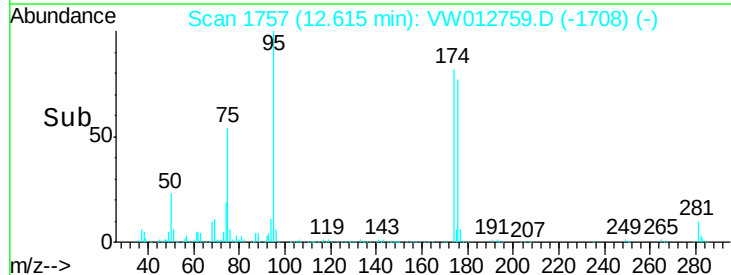
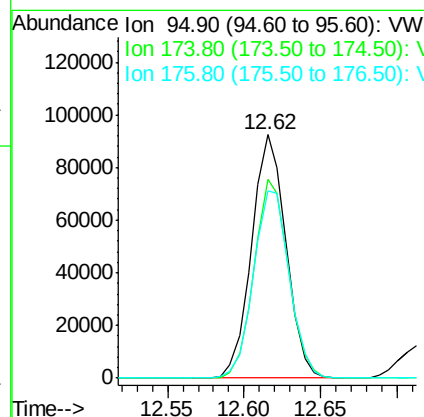
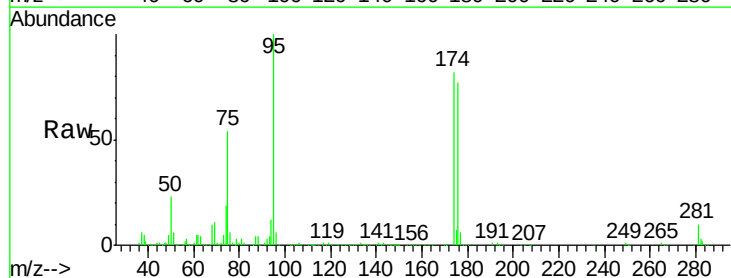
Manual Integrations  
 APPROVED

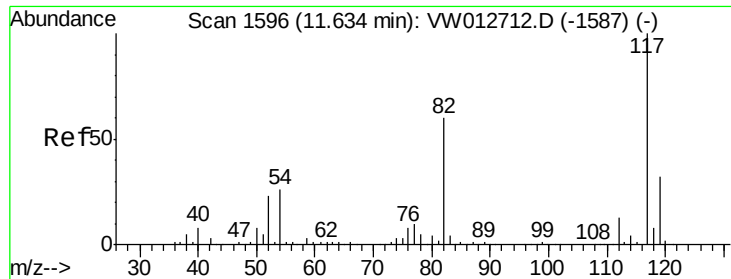
MMDadoda  
 9/10/2019 1:22:40 PM



#62  
 4-Bromofluorobenzene  
 Concen: 46.589 ug/l  
 RT: 12.62 min Scan# 1757  
 Delta R.T. 0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 82.0  | 0.0   | 161.0 |
| 176     | 80.6  | 0.0   | 156.4 |





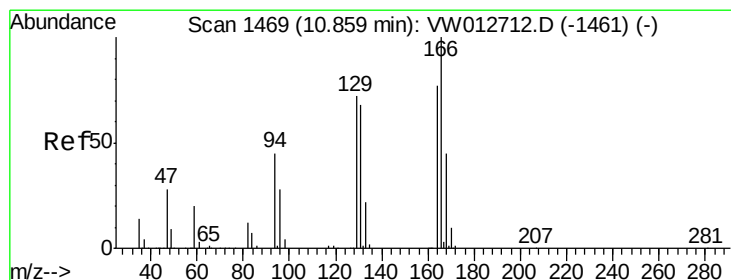
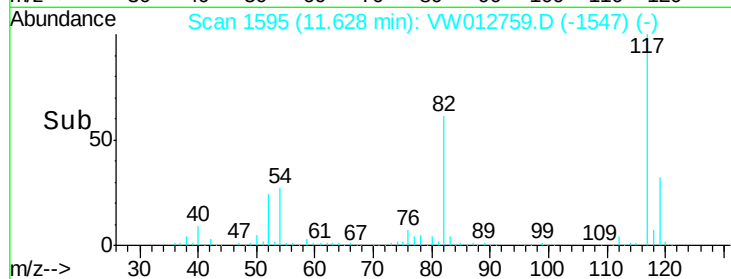
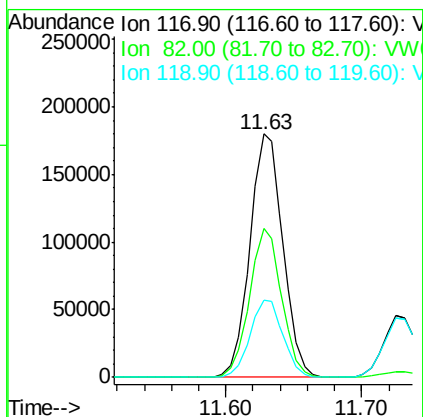
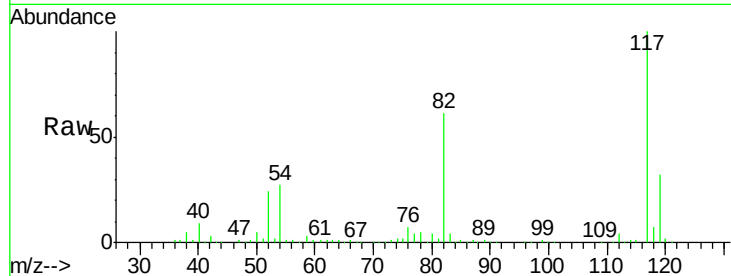
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1595  
Delta R.T. -0.01 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 60.9  | 48.2  | 72.4  |
| 119     | 31.9  | 25.8  | 38.6  |

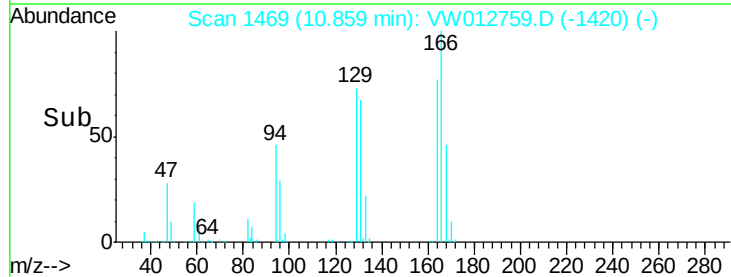
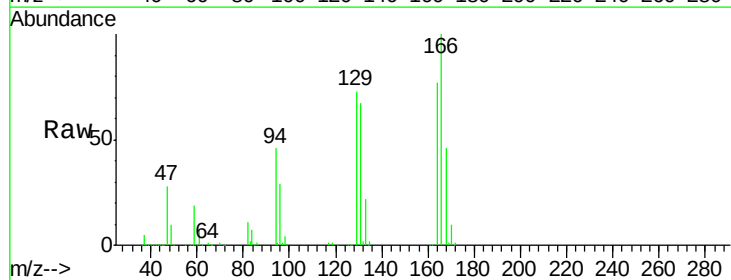
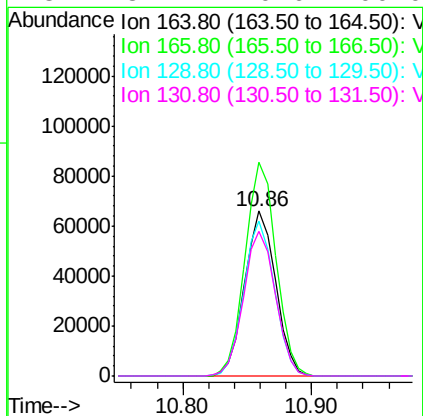
Manual Integrations  
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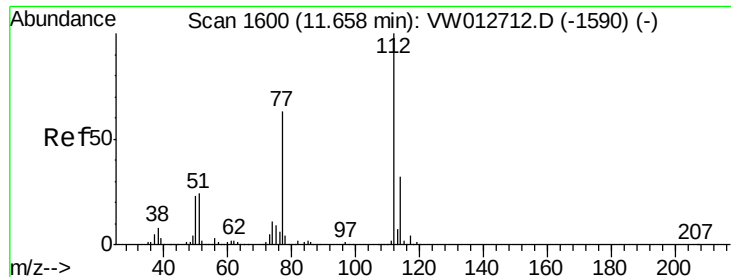
MMDadoda  
9/10/2019 1:22:40 PM



#64  
Tetrachloroethene  
Concen: 59.329 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.5 | 103.6 | 155.4 |
| 129     | 94.3  | 74.6  | 112.0 |
| 131     | 87.4  | 70.6  | 106.0 |





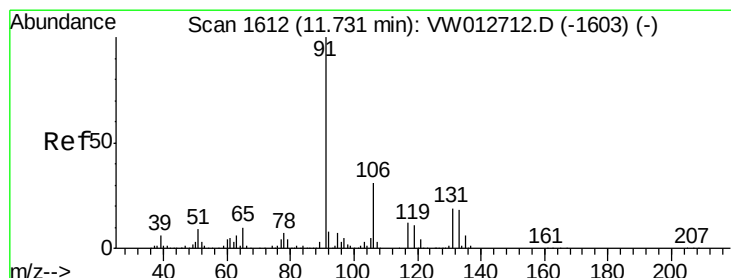
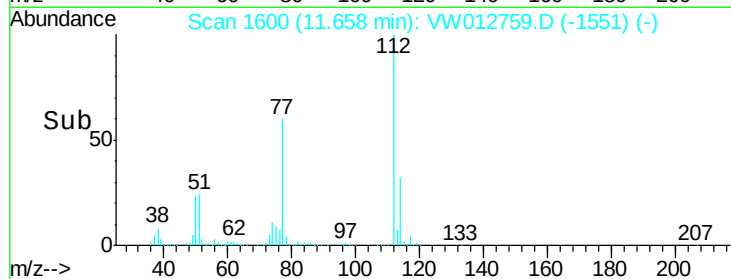
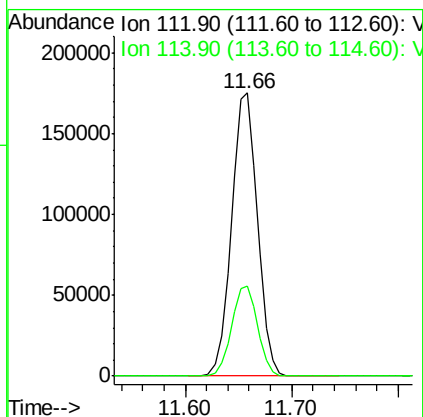
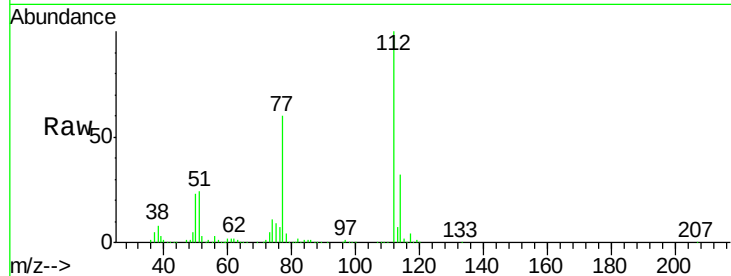
#65  
Chlorobenzene  
Concen: 51.725 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 298417 |       |       |
| 114     | 31.7  | 25.3   | 37.9  |       |

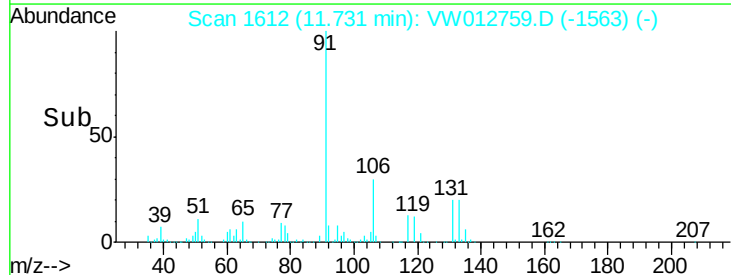
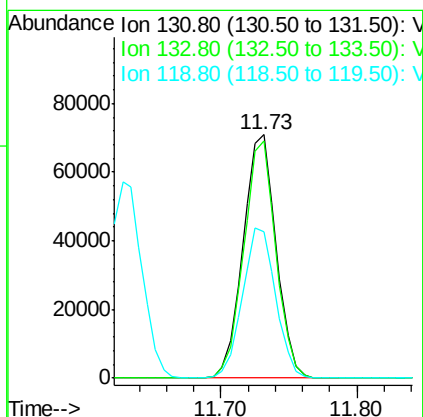
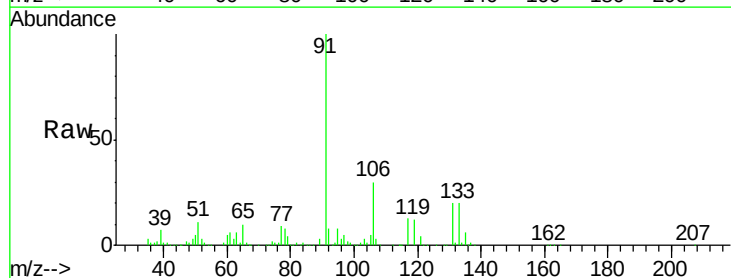
Manual Integrations  
APPROVED

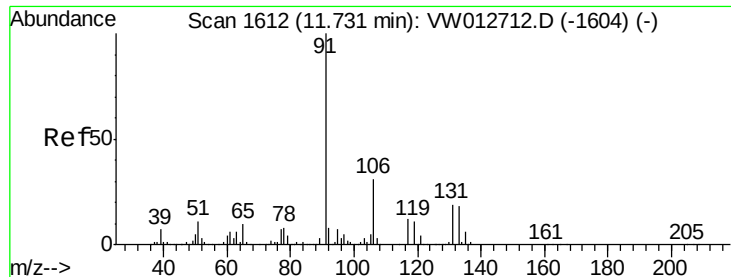
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.961 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 131     | 100   | 120233 |       |       |
| 133     | 95.2  | 47.6   | 142.8 |       |
| 119     | 62.0  | 30.6   | 92.0  |       |





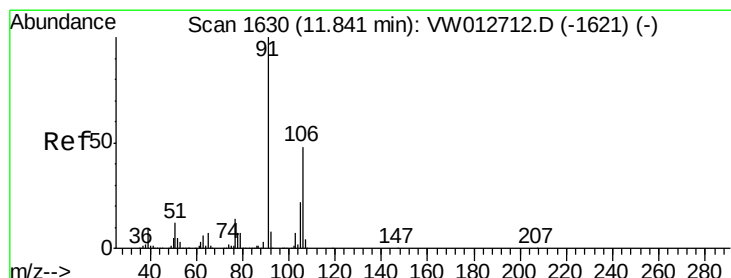
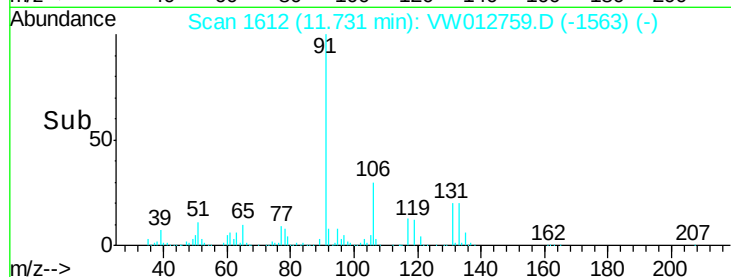
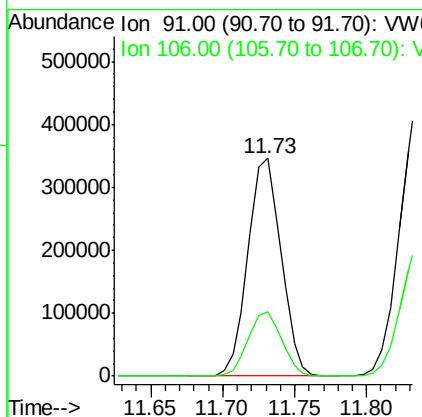
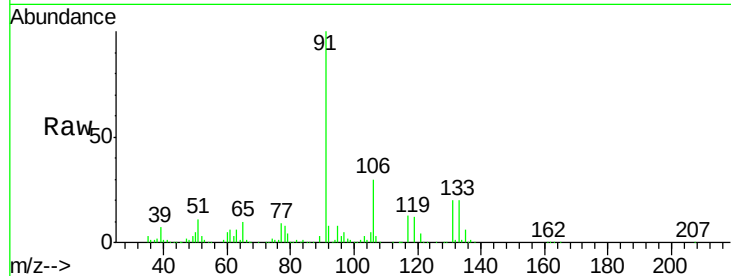
#67  
Ethyl Benzene  
Concen: 51.107 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 553210  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.4 36.6

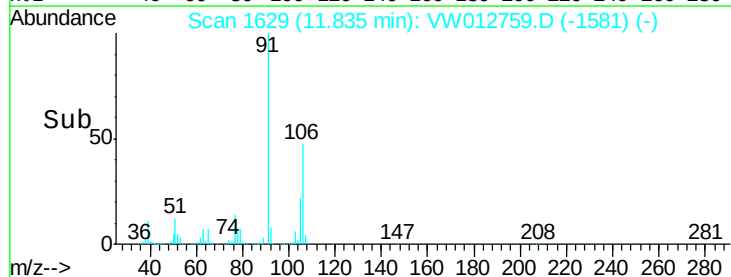
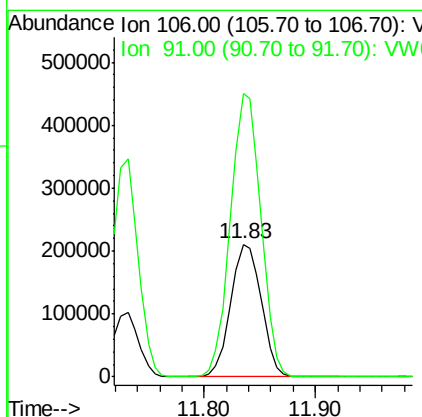
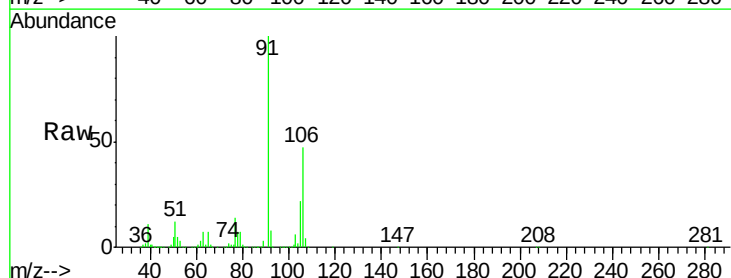
Manual Integrations  
APPROVED

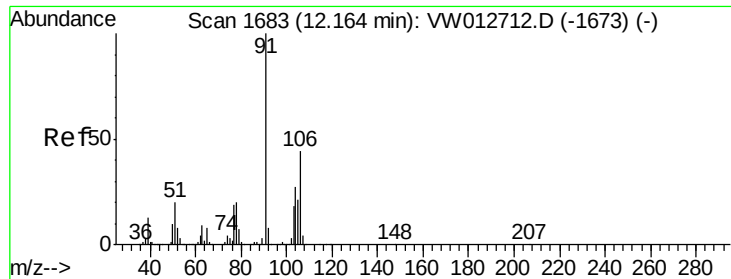
MMDadoda  
9/10/2019 1:22:40 PM



#68  
m/p-Xylenes  
Concen: 102.475 ug/l  
RT: 11.83 min Scan# 1629  
Delta R.T. -0.01 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Tgt Ion: 106 Resp: 400389  
Ion Ratio Lower Upper  
106 100  
91 212.6 168.2 252.4





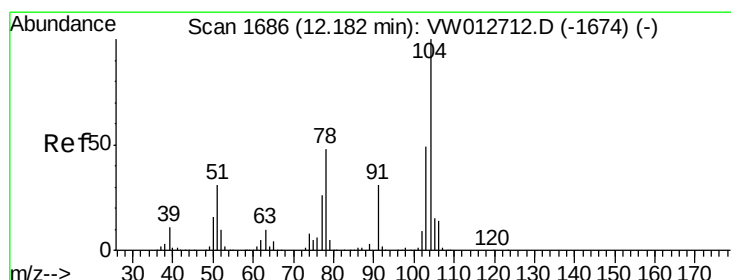
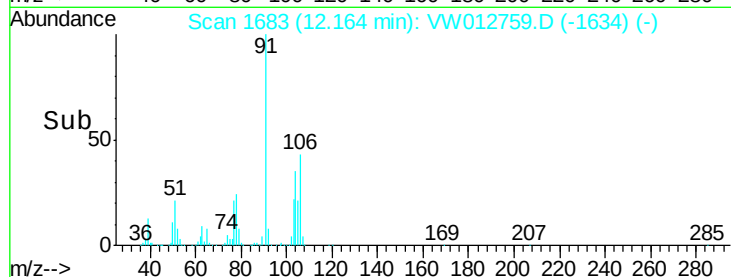
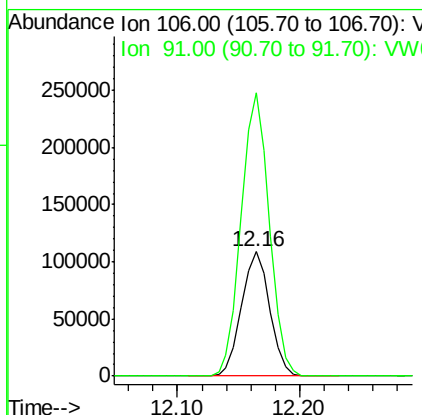
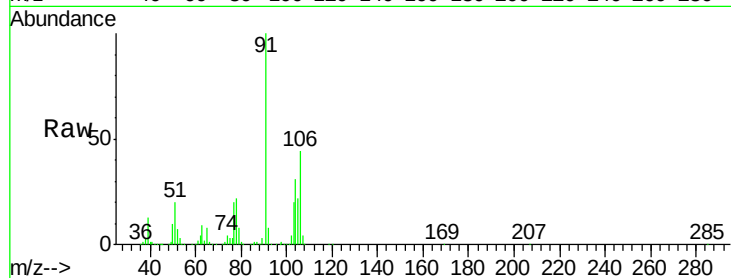
#69  
o-Xylene  
Concen: 47.243 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 174144 |       |       |
| 91      | 227.1 | 112.3 | 336.8  |       |       |

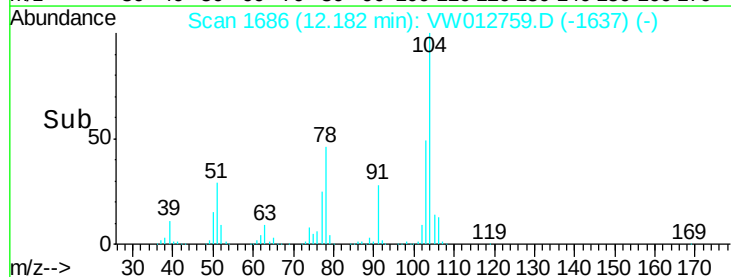
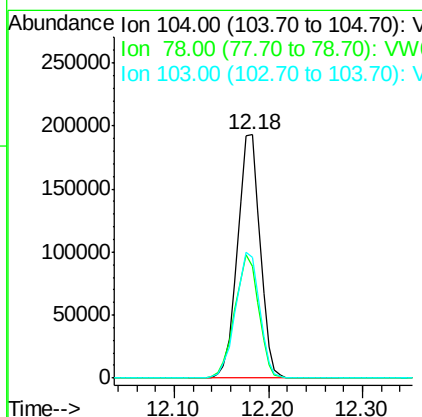
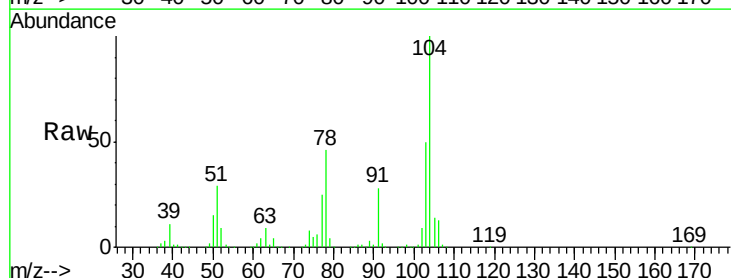
Manual Integrations  
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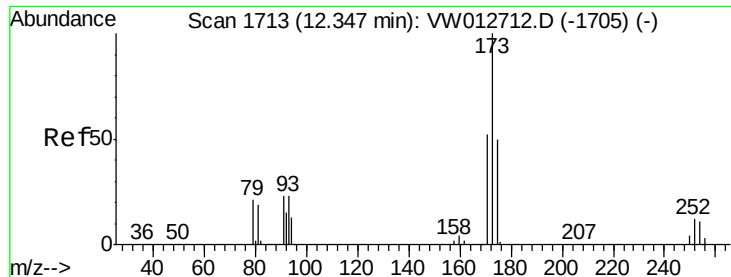


#70  
Styrene  
Concen: 49.466 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 322205 |       |       |
| 78      | 53.6 | 43.3  | 64.9   |       |       |
| 103     | 54.9 | 44.0  | 66.0   |       |       |







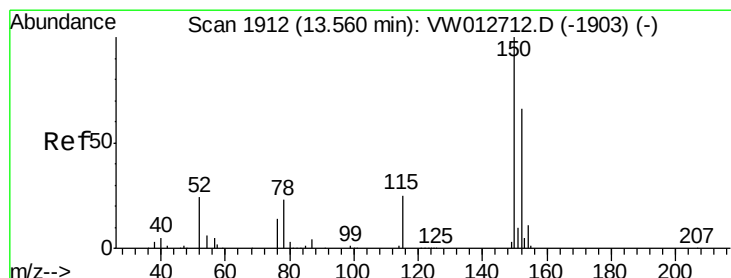
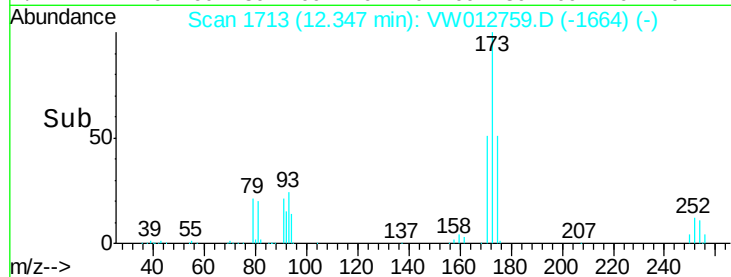
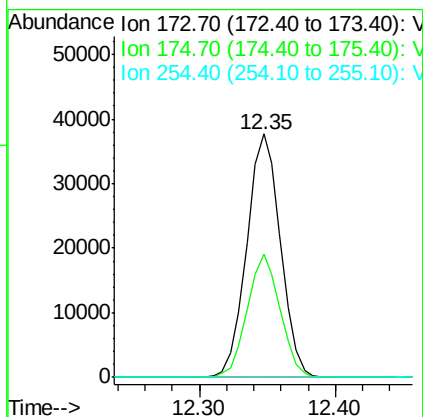
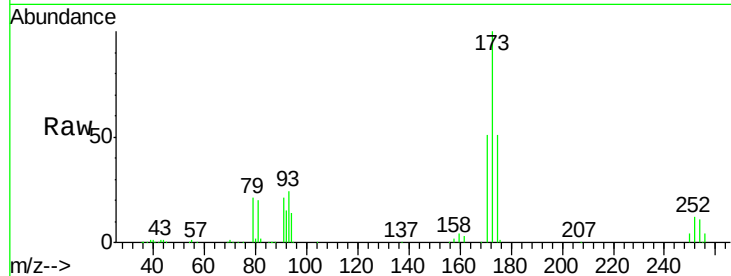
#71  
Bromoform  
Concen: 54.724 ug/l  
RT: 12.35 min Scan# 1713  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.3  | 24.8  | 74.3  |
| 254     | 0.3   | 0.1   | 0.1#  |

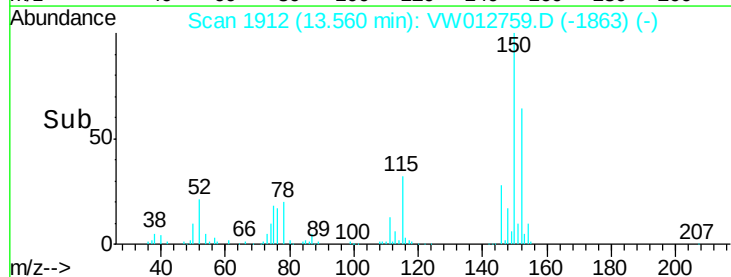
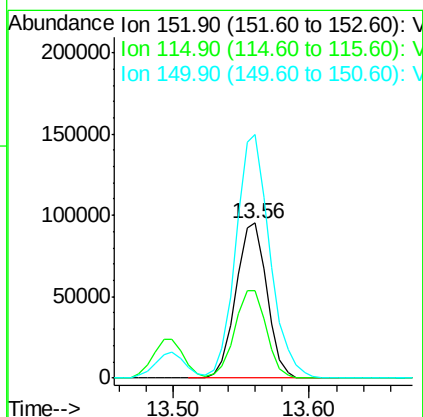
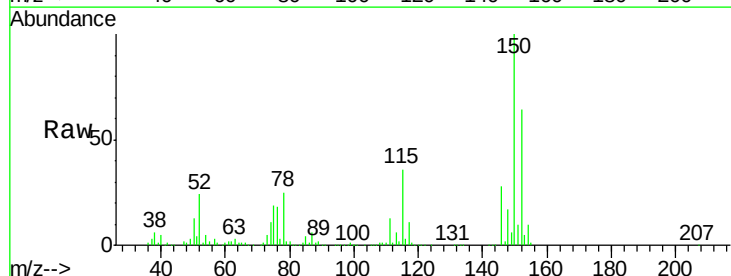
Manual Integrations  
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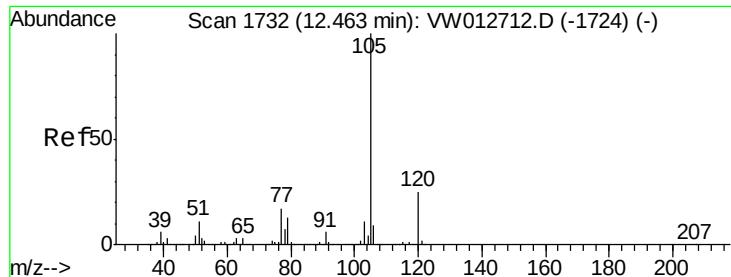
MMDadoda  
9/10/2019 1:22:40 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 58.0  | 30.0  | 90.1  |
| 150     | 171.4 | 0.0   | 349.0 |





#73

Isopropylbenzene

Concen: 46.084 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 500609

Ion Ratio Lower Upper

105 100

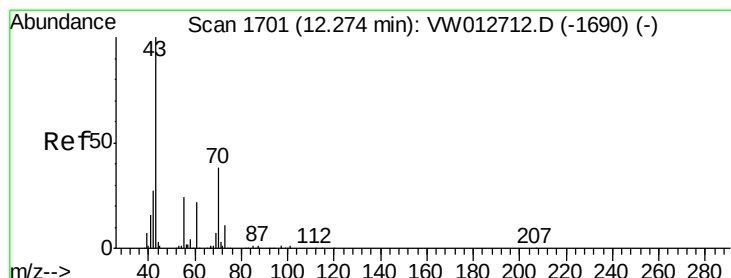
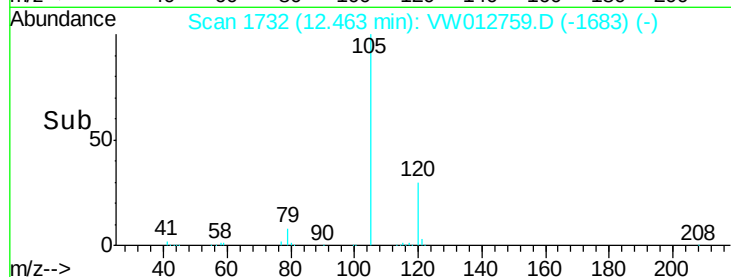
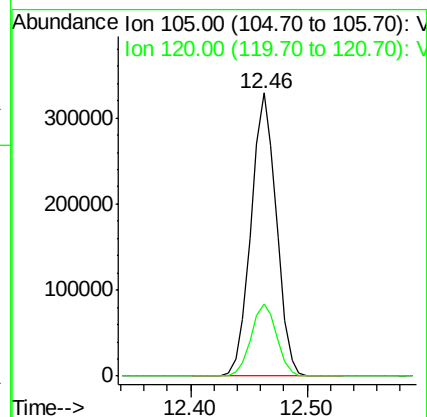
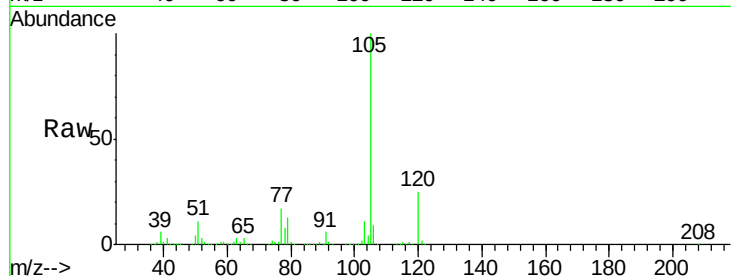
120 25.8 13.0 38.9

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#74

N-ethyl acetate

Concen: 47.255 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Tgt Ion: 43 Resp: 162940

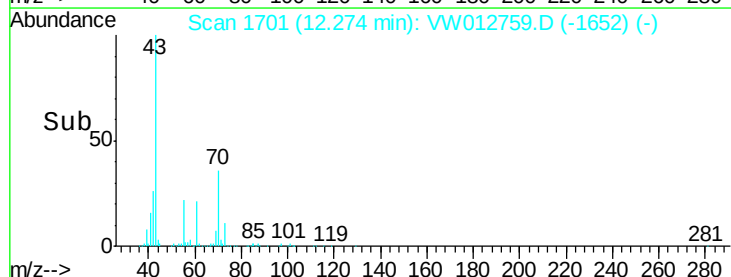
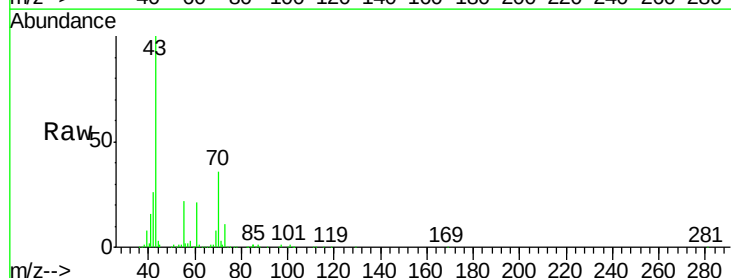
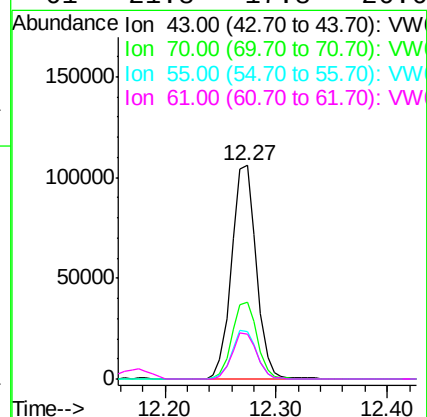
Ion Ratio Lower Upper

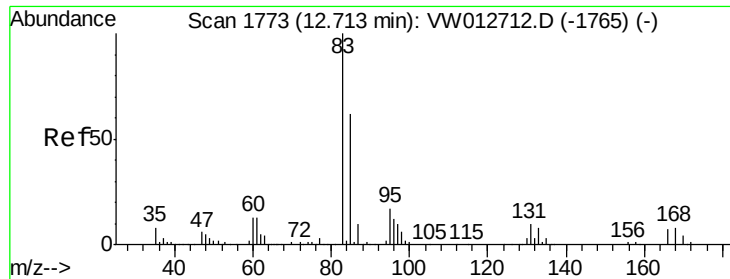
43 100

70 36.5 29.4 44.0

55 22.9 18.6 27.8

61 21.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.152 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

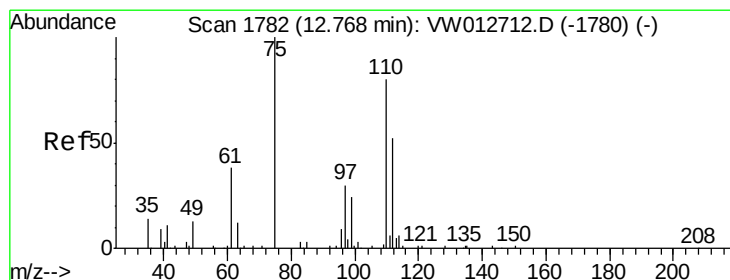
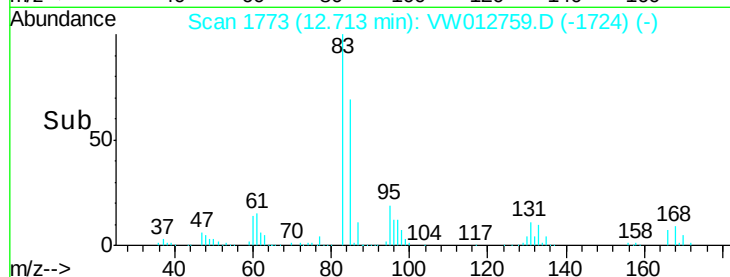
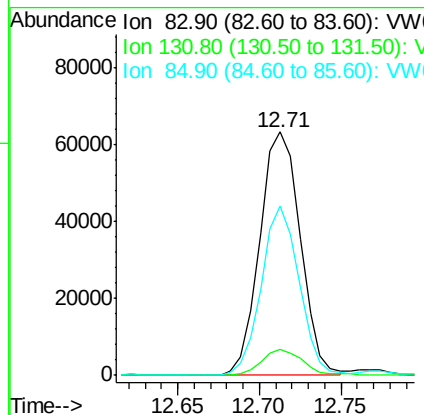
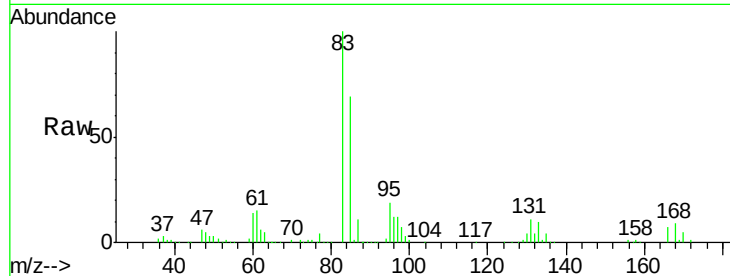
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 109413 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.0  | 5.1   | 15.4   |
| 85        | 64.6  | 31.4  | 94.2   |

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#76

1,2,3-Trichloropropane

Concen: 59.186 ug/l m

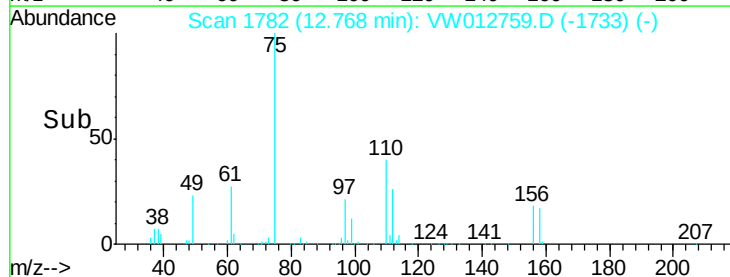
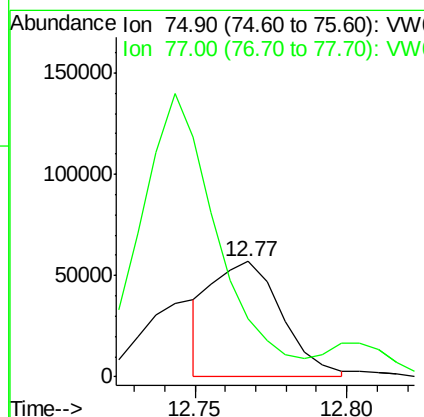
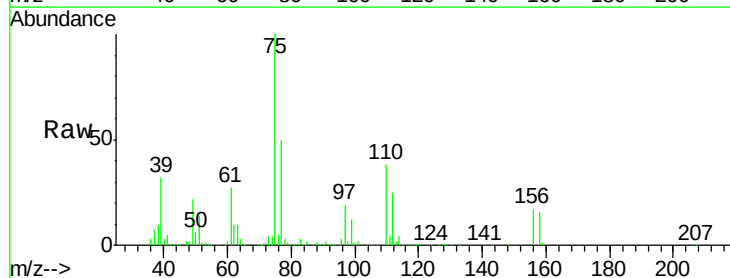
RT: 12.77 min Scan# 1782

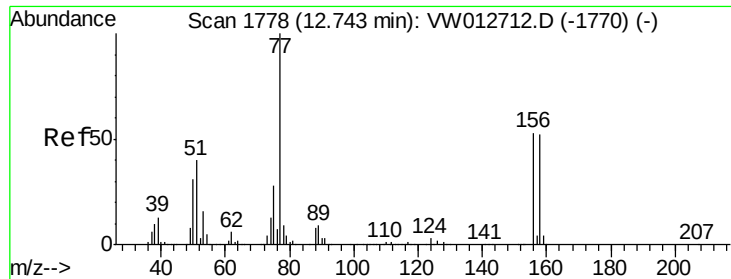
Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 91663 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 50.146 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

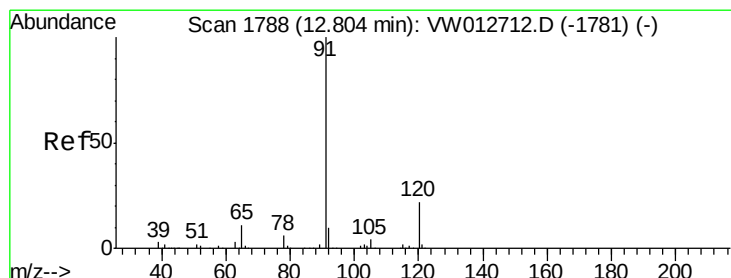
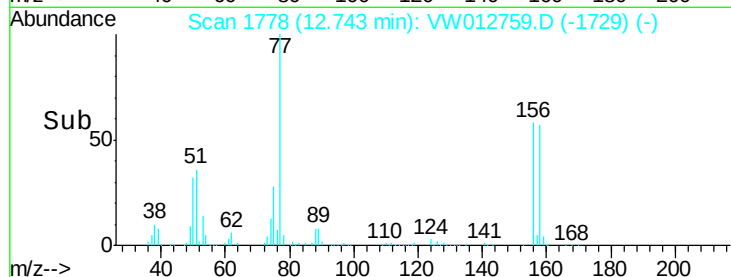
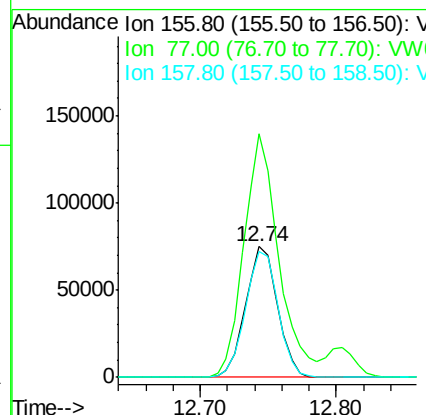
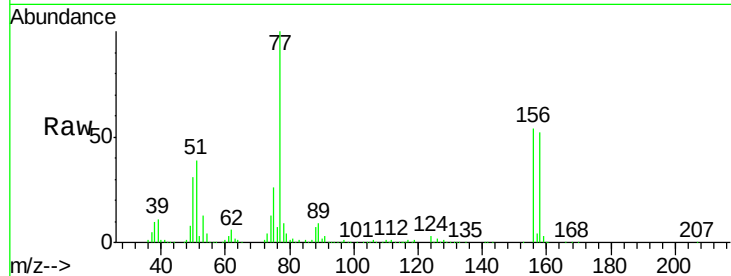
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 123415 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 202.2 | 102.3 | 306.9  |
| 158       | 98.5  | 48.9  | 146.8  |

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#78

n-propylbenzene

Concen: 46.546 ug/l

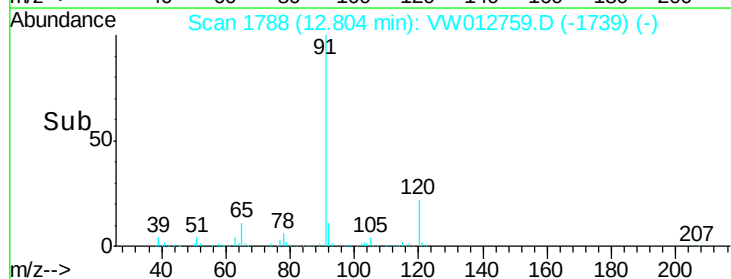
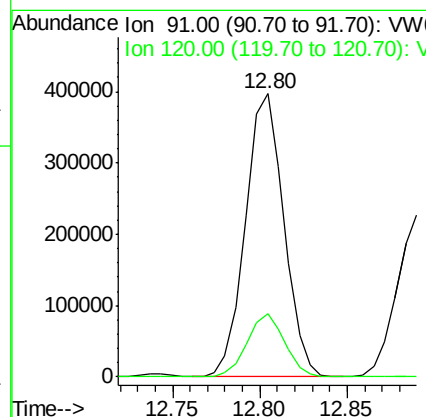
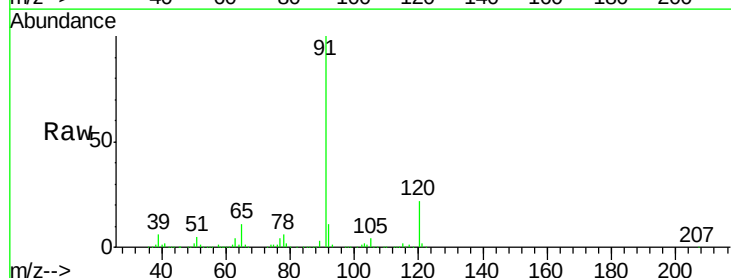
RT: 12.80 min Scan# 1788

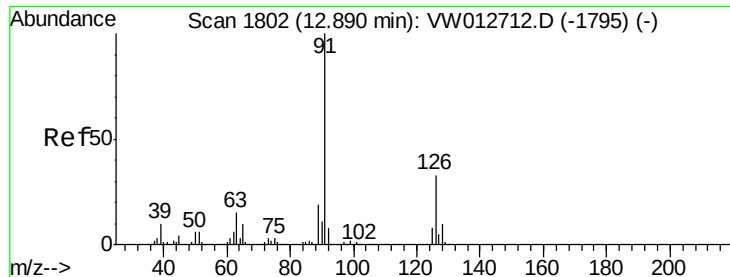
Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 604736 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 21.9  | 11.0  | 33.0   |





#79

2-Chlorotoluene

Concen: 48.420 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 361142

Ion Ratio Lower Upper

91 100

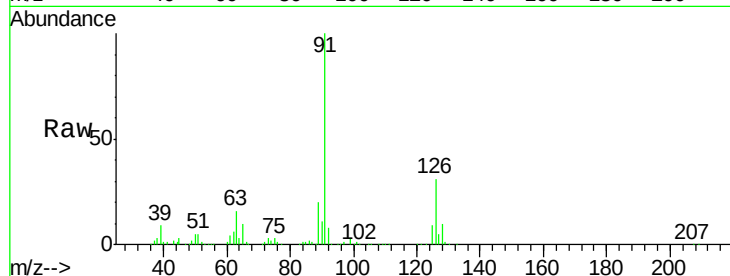
126 32.3 16.1 48.3

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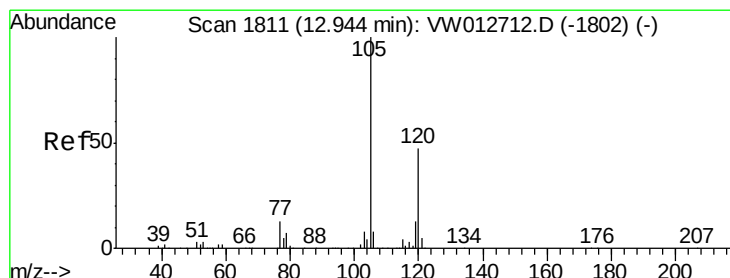
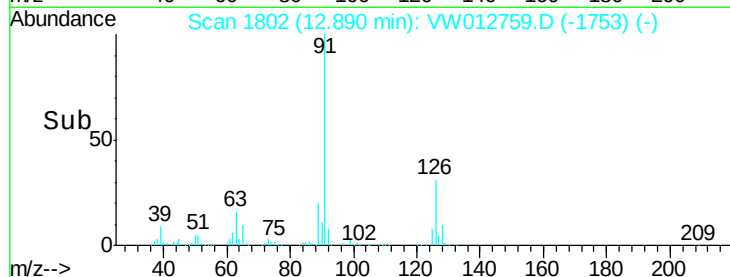
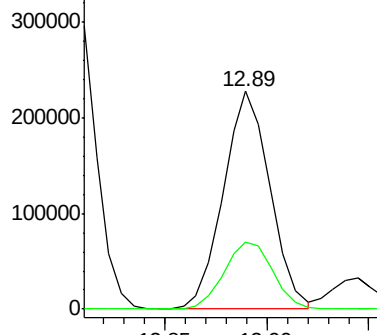
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.837 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012759.D

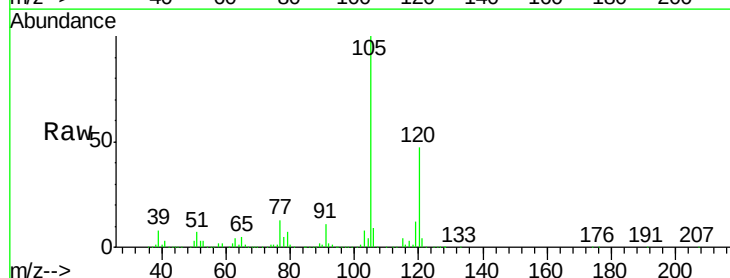
Acq: 08 Sep 2019 10:07

Tgt Ion:105 Resp: 437883

Ion Ratio Lower Upper

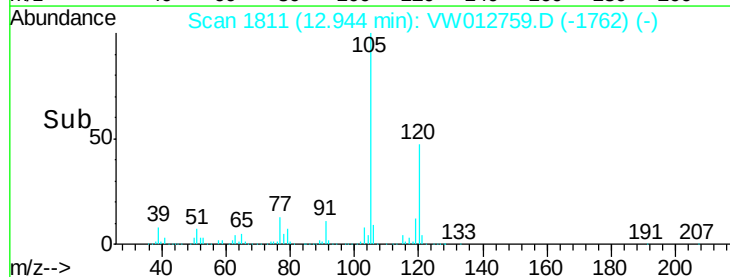
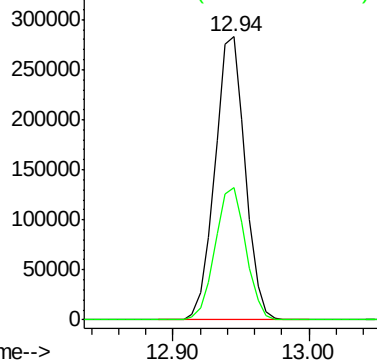
105 100

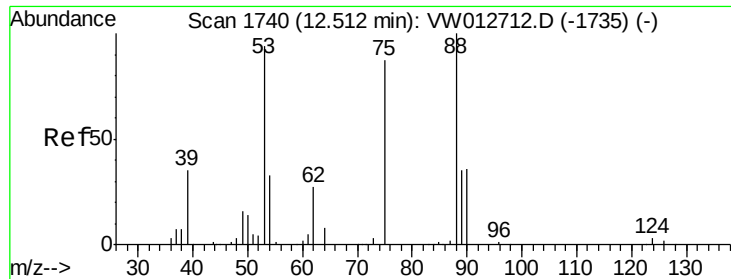
120 47.9 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





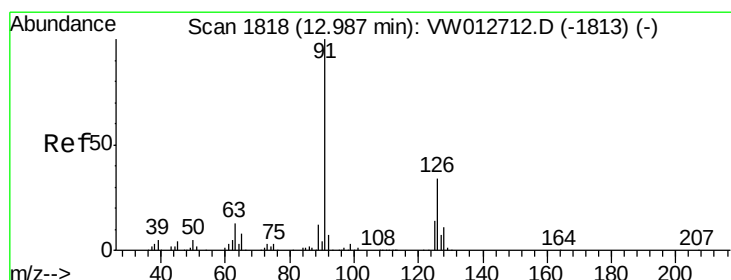
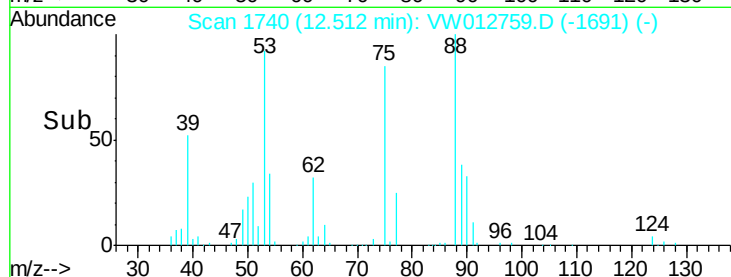
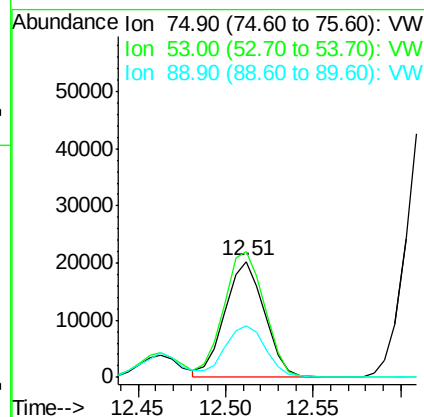
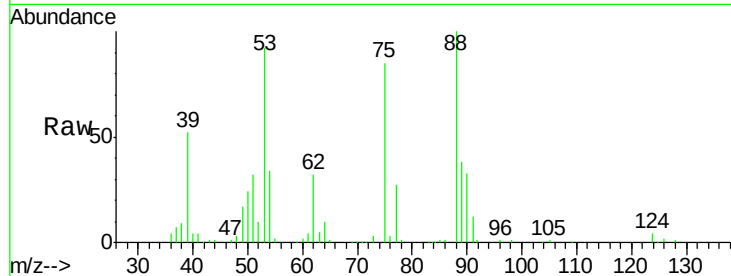
#81  
trans-1,4-Dichloro-2-butene  
Concen: 43.280 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 113.7 | 87.6  | 131.4 |
| 89      | 46.8  | 35.5  | 53.3  |

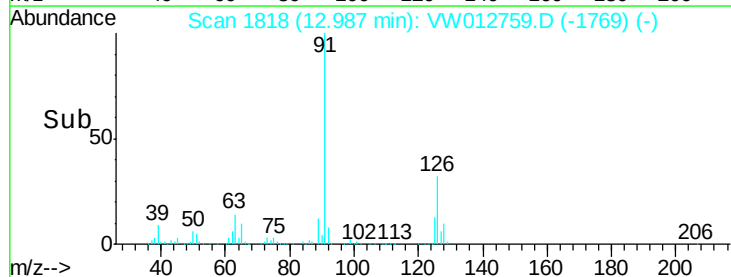
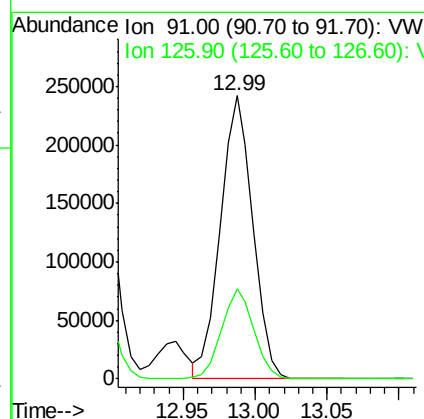
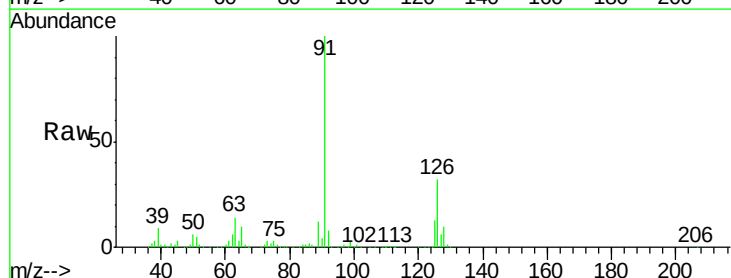
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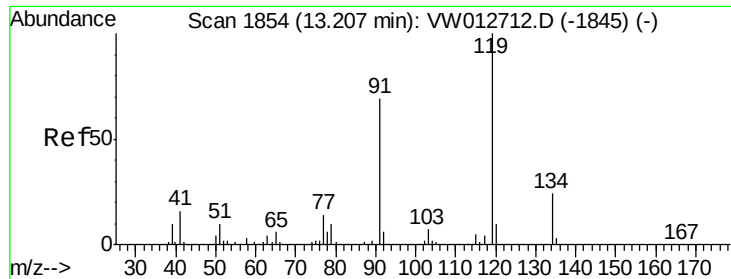
MMDadoda  
9/10/2019 1:22:40 PM



#82  
4-Chlorotoluene  
Concen: 48.203 ug/l  
RT: 12.99 min Scan# 1818  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.6  | 15.9  | 47.6  |





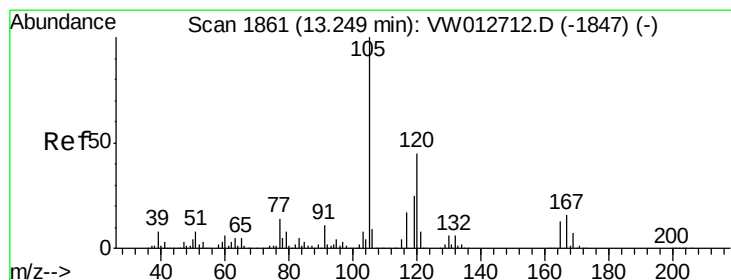
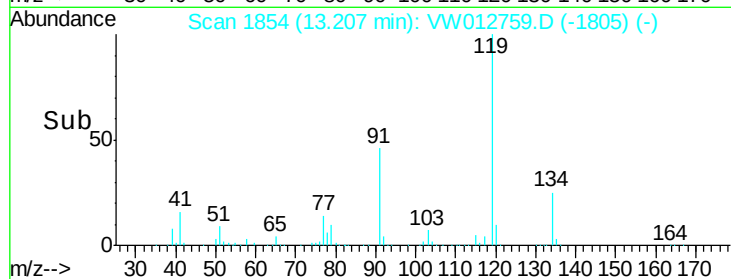
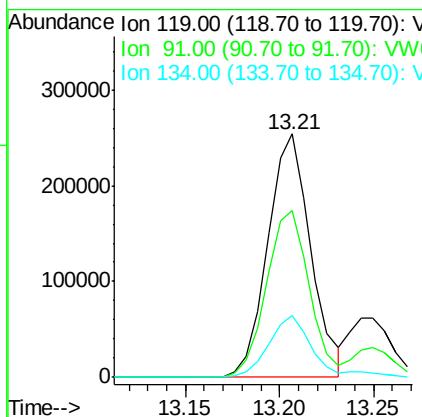
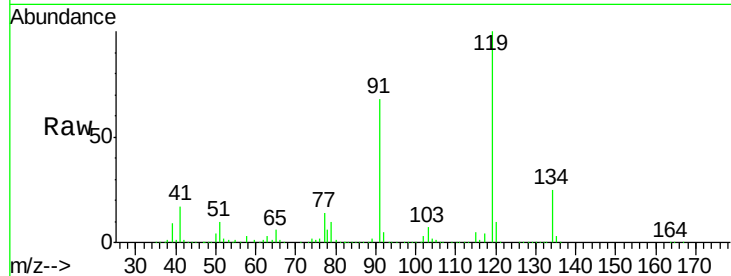
#83  
 tert-Butylbenzene  
 Concen: 49.494 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. -0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 68.6  | 34.2  | 102.5 |
| 134     | 26.3  | 12.3  | 36.9  |

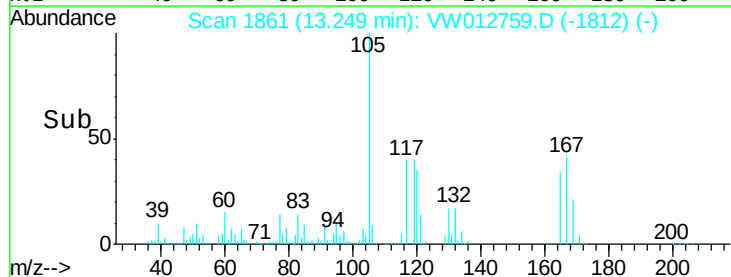
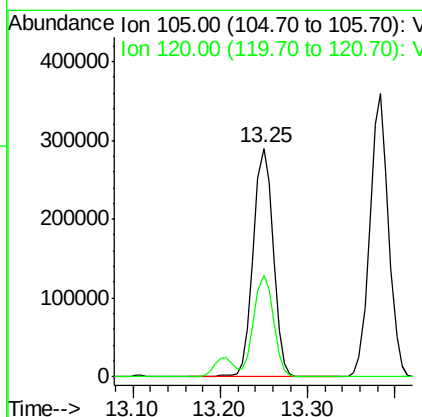
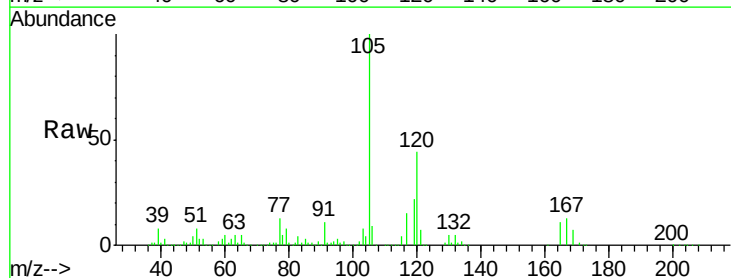
Manual Integrations  
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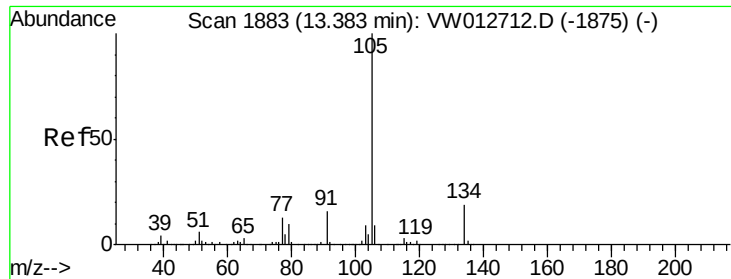
MMDadoda  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.726 ug/l  
 RT: 13.25 min Scan# 1861  
 Delta R.T. 0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.4  | 22.1  | 66.3  |





#85

sec-Butylbenzene

Concen: 47.694 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 535665

Ion Ratio Lower Upper

105 100

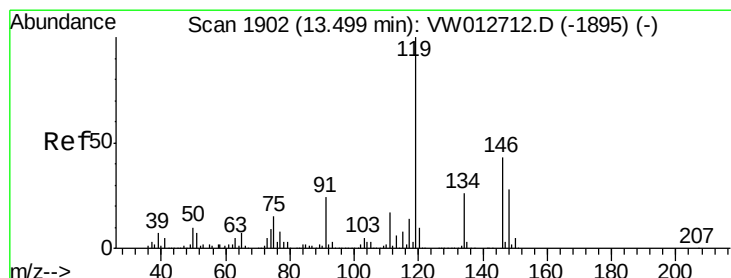
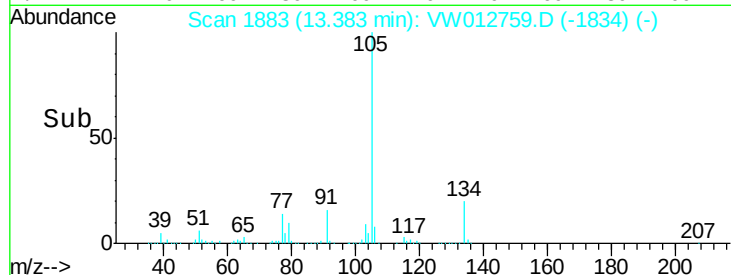
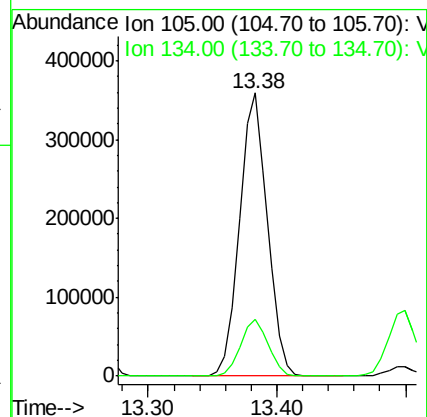
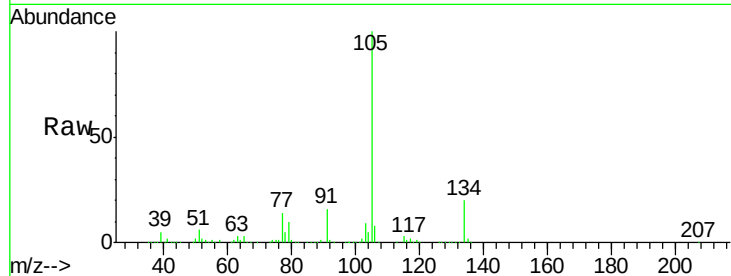
134 20.0 9.8 29.3

Manual Integrations

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9/10/2019 1:22:40 PM



#86

p-Isopropyltoluene

Concen: 48.174 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

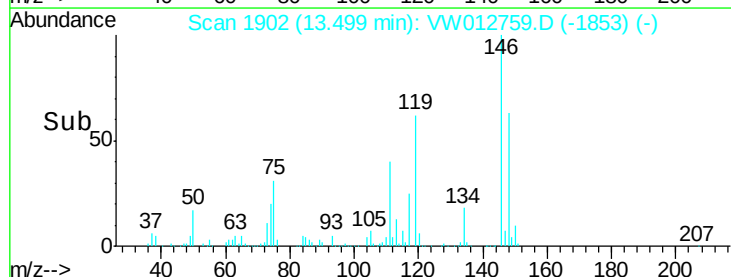
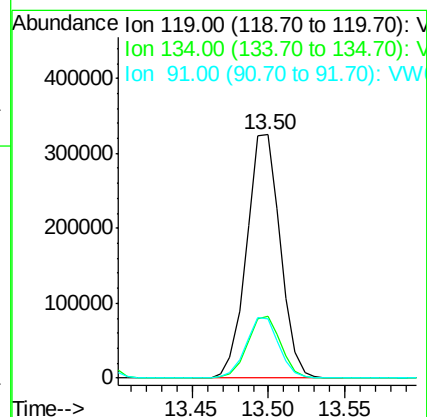
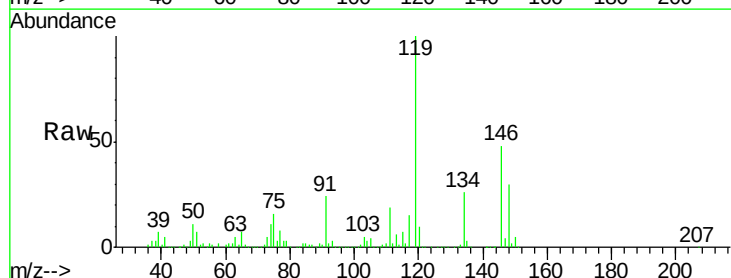
Tgt Ion:119 Resp: 494200

Ion Ratio Lower Upper

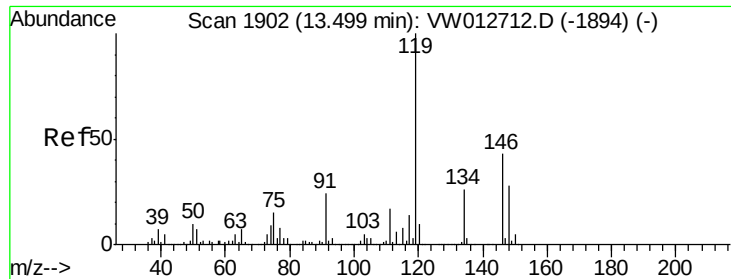
119 100

134 25.2 12.7 38.1

91 24.6 12.2 36.6







#87

1,3-Dichlorobenzene

Concen: 51.179 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA\_W

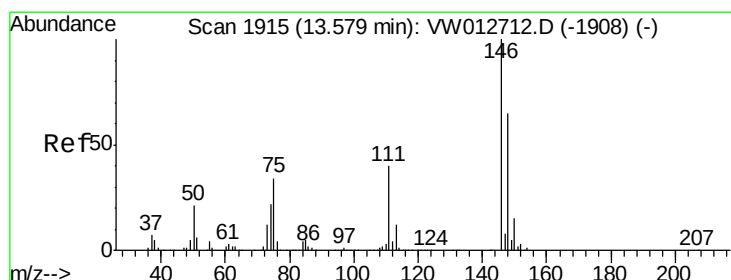
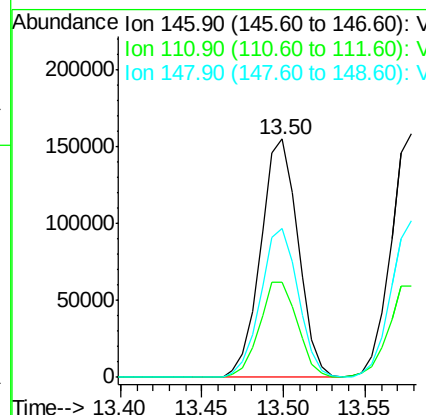
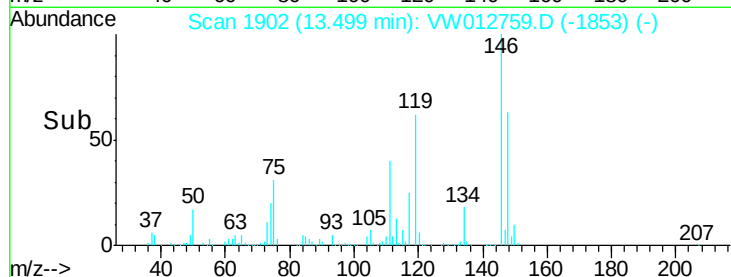
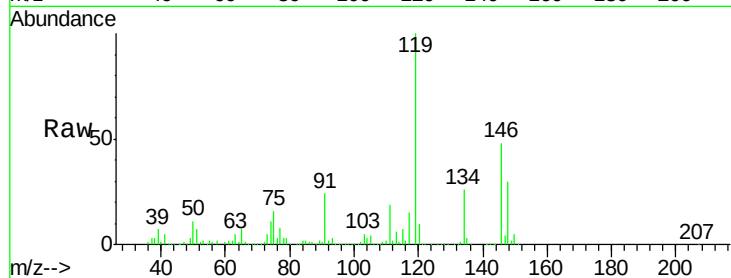
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 247578 |       |       |
| 111     | 40.7  | 20.4   | 61.2  |       |
| 148     | 62.9  | 31.8   | 95.4  |       |

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#88

1,4-Dichlorobenzene

Concen: 51.284 ug/l

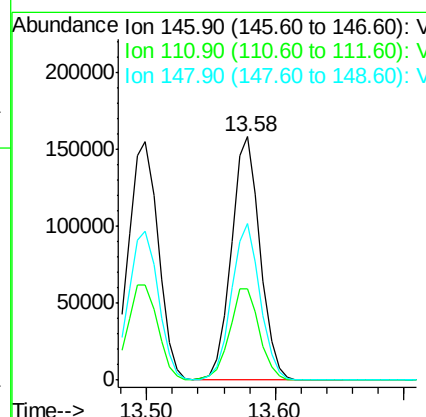
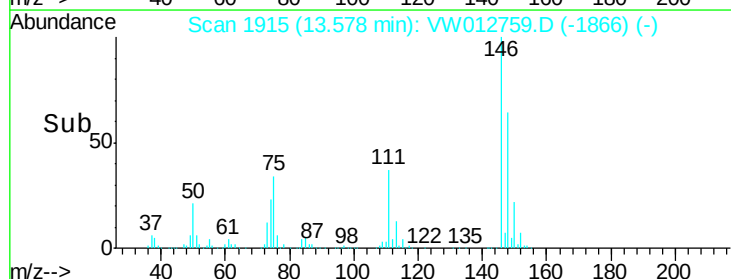
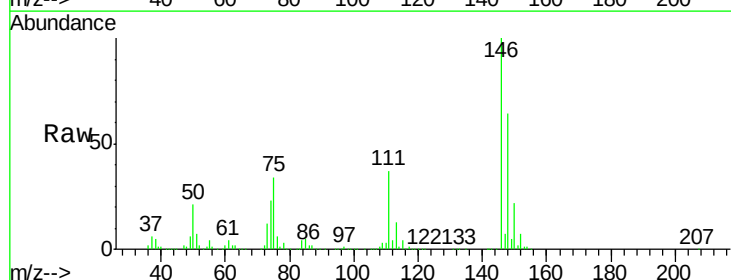
RT: 13.58 min Scan# 1915

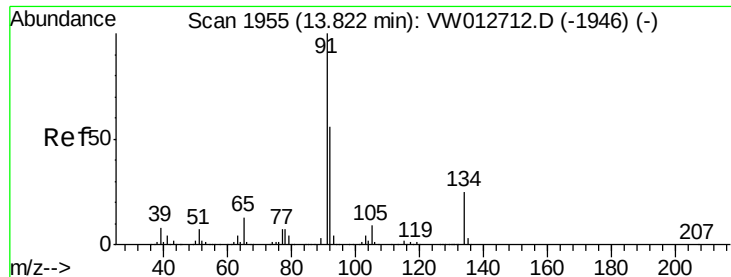
Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 246859 |       |       |
| 111     | 39.1  | 20.0   | 60.0  |       |
| 148     | 64.0  | 32.2   | 96.6  |       |





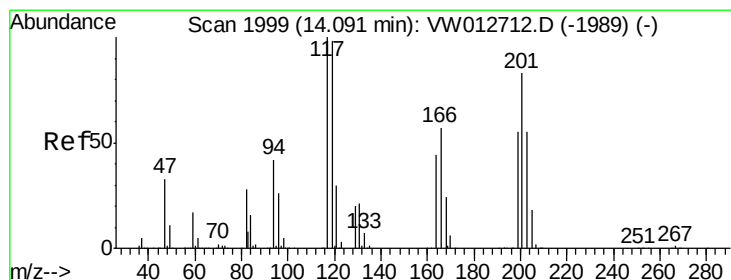
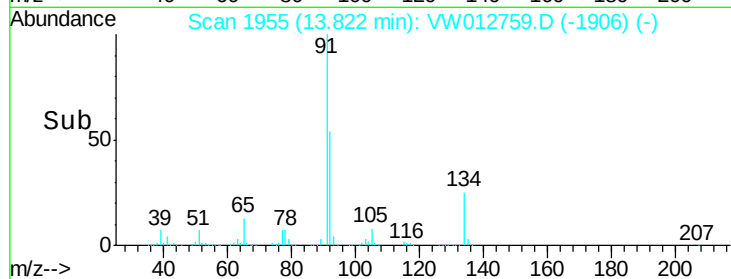
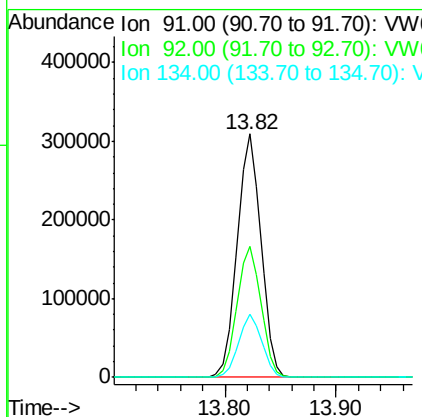
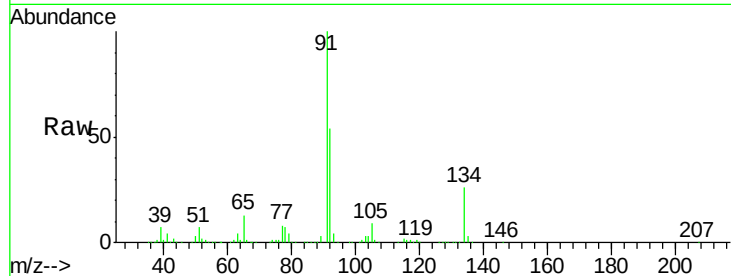
#89  
n-Butylbenzene  
Concen: 45.810 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.3  | 27.2  | 81.5  |
| 134     | 25.5  | 12.7  | 38.1  |

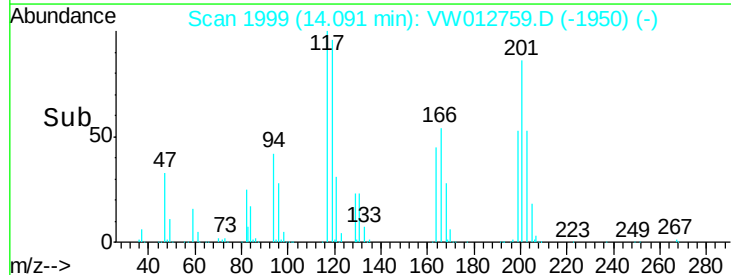
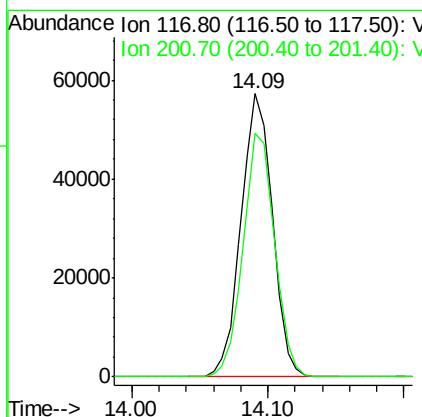
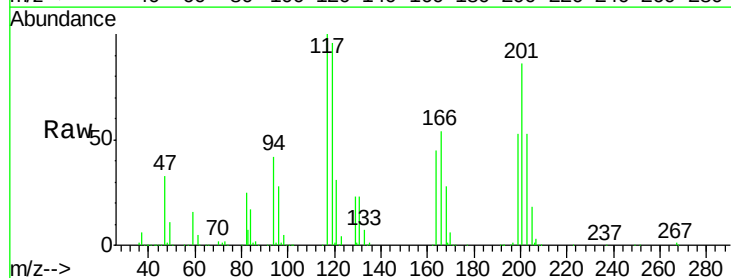
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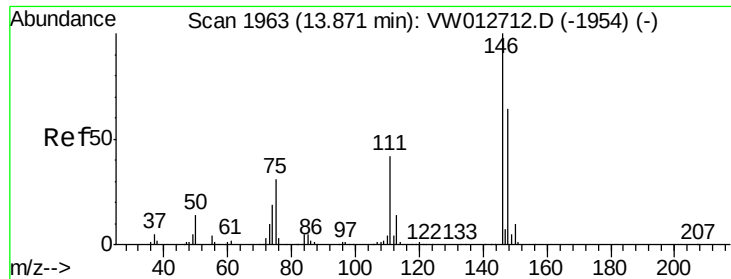
MMDadoda  
9/10/2019 1:22:40 PM



#90  
Hexachloroethane  
Concen: 51.706 ug/l  
RT: 14.09 min Scan# 1999  
Delta R.T. -0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 86.7  | 42.8  | 128.4 |





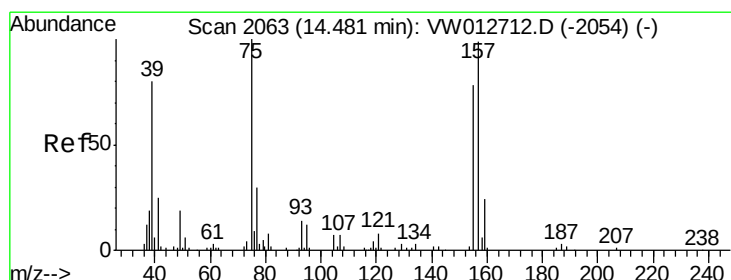
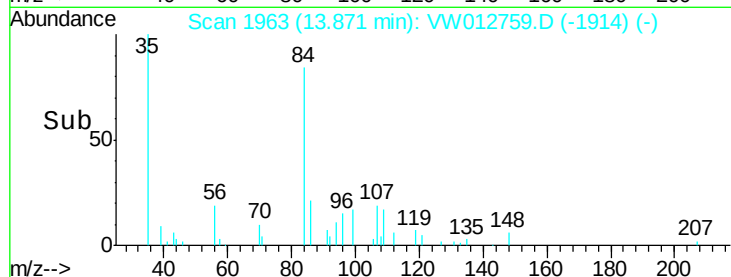
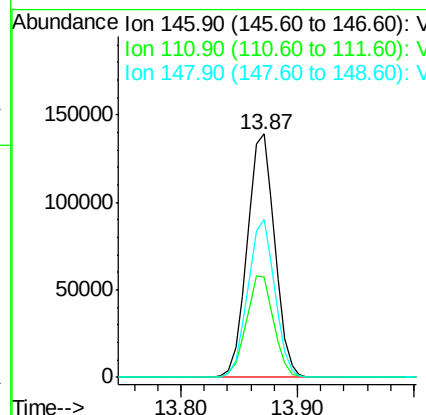
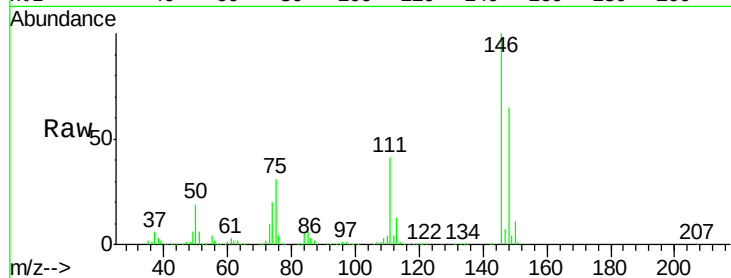
#91  
 1,2-Dichlorobenzene  
 Concen: 52.746 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.6  | 21.3  | 63.9  |
| 148     | 63.6  | 32.1  | 96.5  |

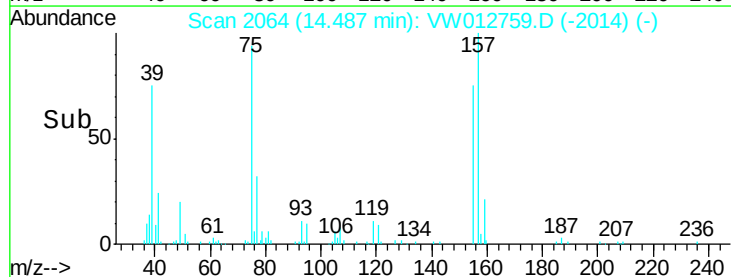
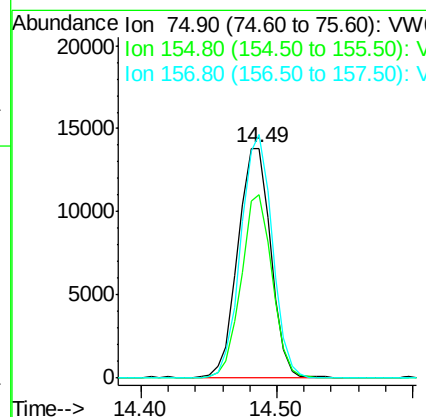
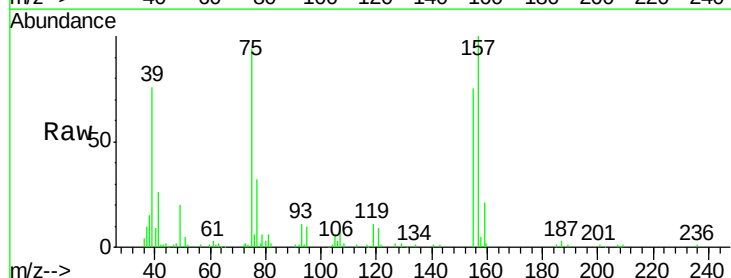
Manual Integrations  
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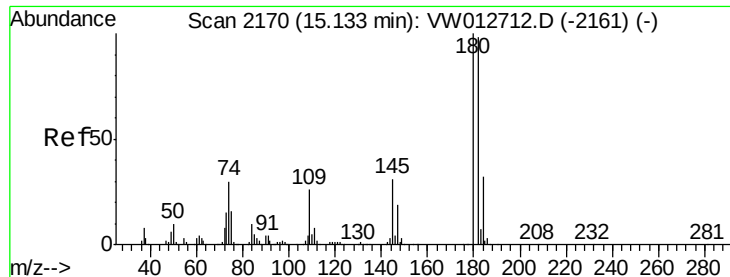
MMDadoda  
 9/10/2019 1:22:40 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 58.651 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. 0.01 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 75.6  | 40.6  | 122.0 |
| 157     | 101.0 | 52.5  | 157.5 |





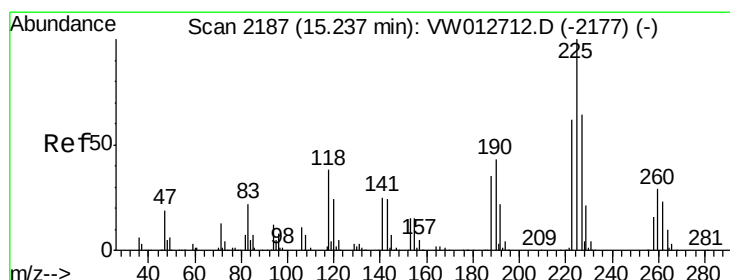
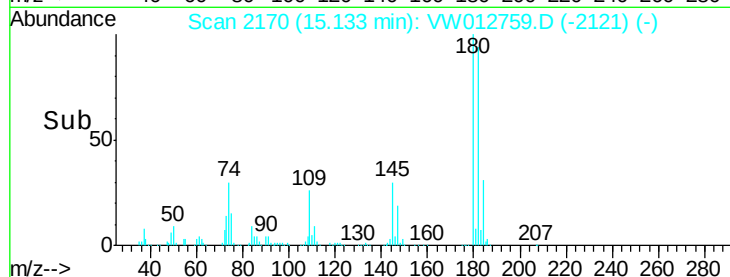
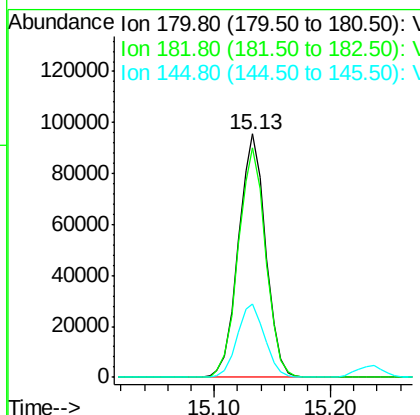
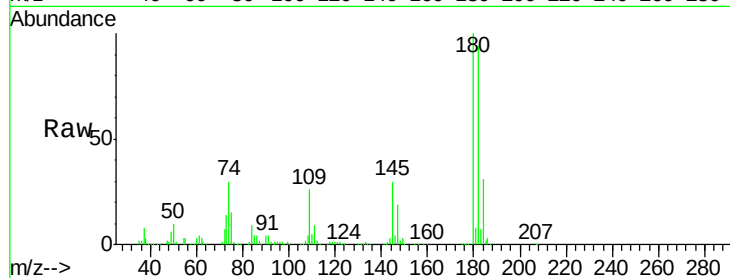
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.156 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. -0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 155074 |       |       |
| 182     | 95.3  | 48.7   | 146.1 |       |
| 145     | 30.4  | 15.0   | 45.1  |       |

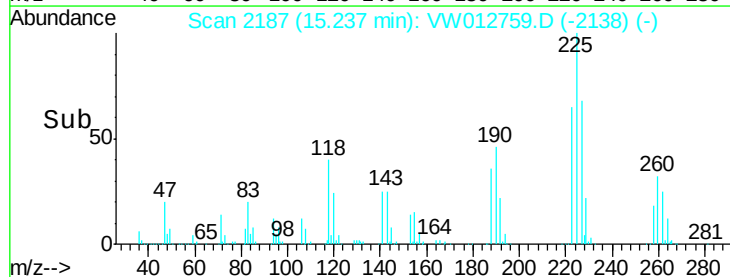
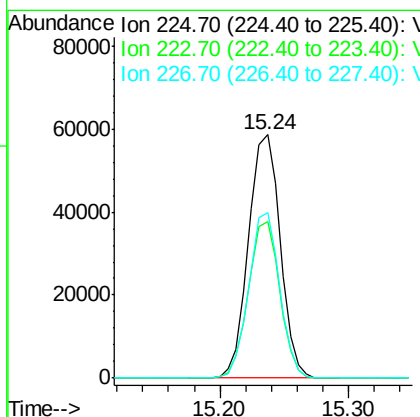
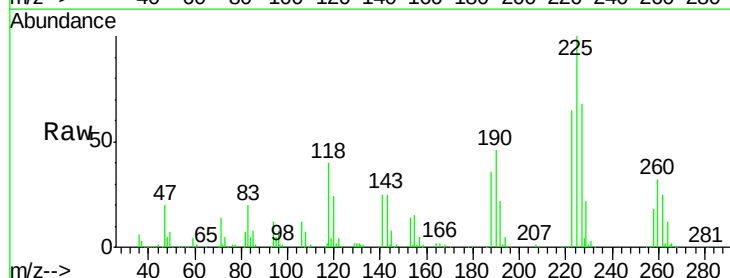
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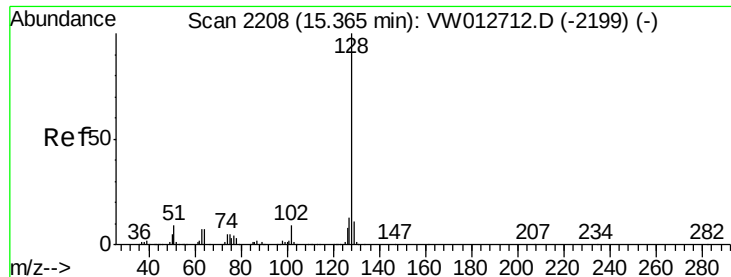
MMDadoda  
 9/10/2019 1:22:40 PM



#94  
 Hexachlorobutadiene  
 Concen: 47.456 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. 0.00 min  
 Lab File: VW012759.D  
 Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 99574 |       |       |
| 223     | 63.7  | 31.1  | 93.3  |       |
| 227     | 65.7  | 31.4  | 94.2  |       |





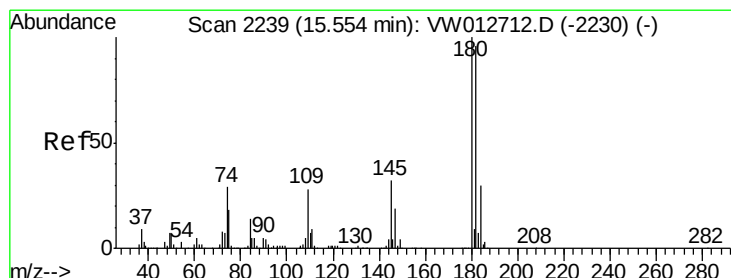
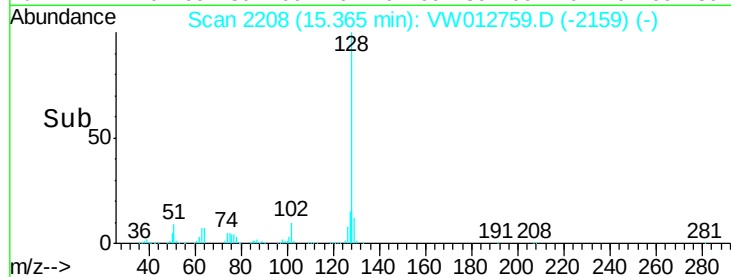
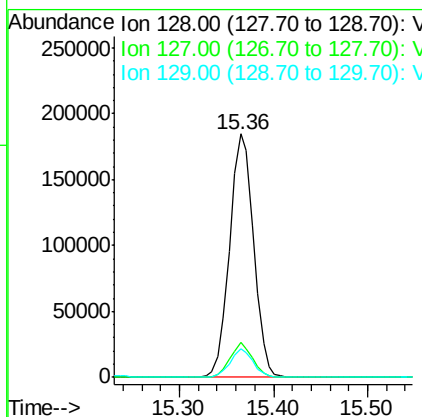
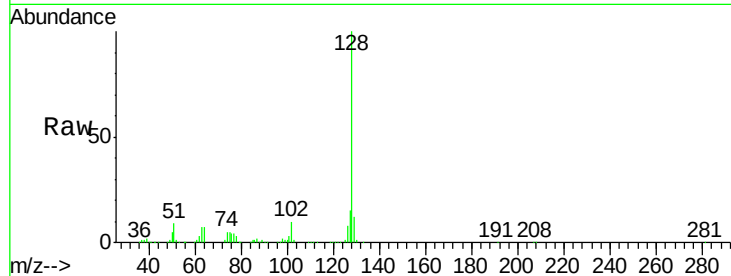
#95  
Naphthalene  
Concen: 51.130 ug/l  
RT: 15.36 min Scan# 2208  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 325603 |       |       |
| 127     | 13.6  | 10.7   | 16.1  |       |
| 129     | 11.1  | 8.7    | 13.1  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 53.977 ug/l  
RT: 15.55 min Scan# 2239  
Delta R.T. 0.00 min  
Lab File: VW012759.D  
Acq: 08 Sep 2019 10:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 144430 |       |       |
| 182     | 96.4  | 47.8   | 143.3 |       |
| 145     | 32.0  | 15.4   | 46.2  |       |

