

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW091419\  
 Data File : VW012963.D  
 Acq On : 13 Sep 2019 20:06  
 Operator : SY/VA  
 Sample : VW0914SBSD01  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0914SBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 9/16/2019 12:43:51 AM

Quant Time: Sep 14 04:48:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W091419S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 13 17:26:01 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 280937   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 414554   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 361911   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 183776   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 142874   | 55.06 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.12% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 117139   | 52.08 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.16% |      |
| 50) Toluene-d8            | 10.32  | 98  | 476177   | 54.10 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.20% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 167693   | 52.98 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.96% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 25065  | 20.684  | ug/l   | 96     |
| 3) Chloromethane              | 2.21 | 50  | 34046  | 22.516  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.35 | 62  | 42794  | 21.281  | ug/l   | 99     |
| 5) Bromomethane               | 2.77 | 94  | 25435  | 20.713  | ug/l   | 99     |
| 6) Chloroethane               | 2.91 | 64  | 25337  | 20.544  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 25556  | 18.174  | ug/l   | 95     |
| 8) Diethyl Ether              | 3.68 | 74  | 22200  | 20.219  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 41634  | 19.521  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.26 | 142 | 56034  | 20.994  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.19 | 59  | 21449  | 110.510 | ug/l # | 89     |
| 12) 1,1-Dichloroethene        | 4.03 | 96  | 39589  | 20.415  | ug/l   | 94     |
| 13) Acrolein                  | 3.89 | 56  | 21602  | 108.983 | ug/l   | 98     |
| 14) Allyl chloride            | 4.67 | 41  | 75063  | 20.390  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.36 | 53  | 58852  | 104.944 | ug/l   | 97     |
| 16) Acetone                   | 4.13 | 43  | 53470  | 81.821  | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.38 | 76  | 82036  | 21.228  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.67 | 43  | 35359  | 23.920  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 78253  | 20.443  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.91 | 84  | 48211  | 19.874  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 41752  | 20.103  | ug/l   | 98     |
| 22) Diisopropyl ether         | 6.31 | 45  | 153786 | 20.108  | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.25 | 43  | 464356 | 101.374 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 87888  | 19.931  | ug/l   | 97     |
| 25) 2-Butanone                | 7.17 | 43  | 84800  | 102.783 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 57255  | 17.655  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 49790  | 20.024  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 35951  | 19.370  | ug/l # | 99     |
| 29) Tetrahydrofuran           | 7.52 | 42  | 52362  | 111.387 | ug/l   | 98     |
| 30) Chloroform                | 7.67 | 83  | 88404  | 19.731  | ug/l   | 97     |
| 31) Cyclohexane               | 7.95 | 56  | 73001  | 19.457  | ug/l   | 94     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 71634  | 19.414  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 64659  | 19.519  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.25 | 43  | 37254  | 21.187  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 64459  | 18.988  | ug/l   | 94     |

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 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
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Manual Integrations  
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W091419S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 13 17:26:01 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.33  | 83   | 69536    | 19.156  | ug/l   | 95       |
| 40) Benzene                    | 8.32  | 78   | 186221   | 20.137  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.48  | 41   | 23837    | 20.586  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 61514    | 19.843  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.42  | 43   | 70373    | 20.845  | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 48342    | 19.084  | ug/l   | 89       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 48311    | 19.663  | ug/l   | 95       |
| 46) Dibromomethane             | 9.46  | 93   | 24318    | 20.658  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.64  | 83   | 63981    | 19.377  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.43  | 41   | 32199    | 20.322  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 8607     | 436.360 | ug/l # | 76       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 183403   | 105.225 | ug/l   | 99       |
| 52) Toluene                    | 10.38 | 92   | 116807   | 19.877  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 64403    | 19.394  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 73820    | 19.428  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 35748    | 19.935  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 48742    | 20.193  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 65187    | 20.492  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 132789   | 102.554 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.96 | 43   | 124387   | 102.491 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 41568    | 19.173  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 32213    | 19.692  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.86 | 164  | 42201    | 19.601  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.65 | 112  | 125442   | 19.459  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 46563    | 18.848  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 230253   | 19.339  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.83 | 106  | 166551   | 38.293  | ug/l   | 97       |
| 69) o-Xylene                   | 12.16 | 106  | 77471    | 18.999  | ug/l   | 97       |
| 70) Styrene                    | 12.18 | 104  | 141862   | 19.557  | ug/l   | 98       |
| 71) Bromoform                  | 12.35 | 173  | 25581    | 19.714  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.46 | 105  | 225600   | 18.520  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 61530    | 19.636  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 42276    | 19.760  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 33483m   | 20.800  | ug/l   |          |
| 77) Bromobenzene               | 12.74 | 156  | 53427    | 19.039  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.80 | 91   | 266424   | 18.594  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 155682   | 18.900  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 191004   | 18.535  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 12851    | 18.110  | ug/l   | 90       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 164363   | 18.912  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.20 | 119  | 170496   | 18.497  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 194132   | 19.064  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 229809   | 18.299  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 213053   | 18.478  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 103544   | 18.639  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 102747   | 18.821  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.82 | 91   | 198990   | 18.300  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.09 | 117  | 37285    | 18.045  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 92627    | 18.961  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.48 | 75   | 7708     | 19.683  | ug/l   | 96       |

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Sample : VW0914SBSD01  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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Quant Title : SW846 8260  
QLast Update : Fri Sep 13 17:26:01 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 64702    | 18.571 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 46011    | 18.655 | ug/l  | 98       |
| 95) Naphthalene            | 15.36 | 128  | 113588   | 19.512 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.55 | 180  | 56242    | 18.262 | ug/l  | 98       |

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

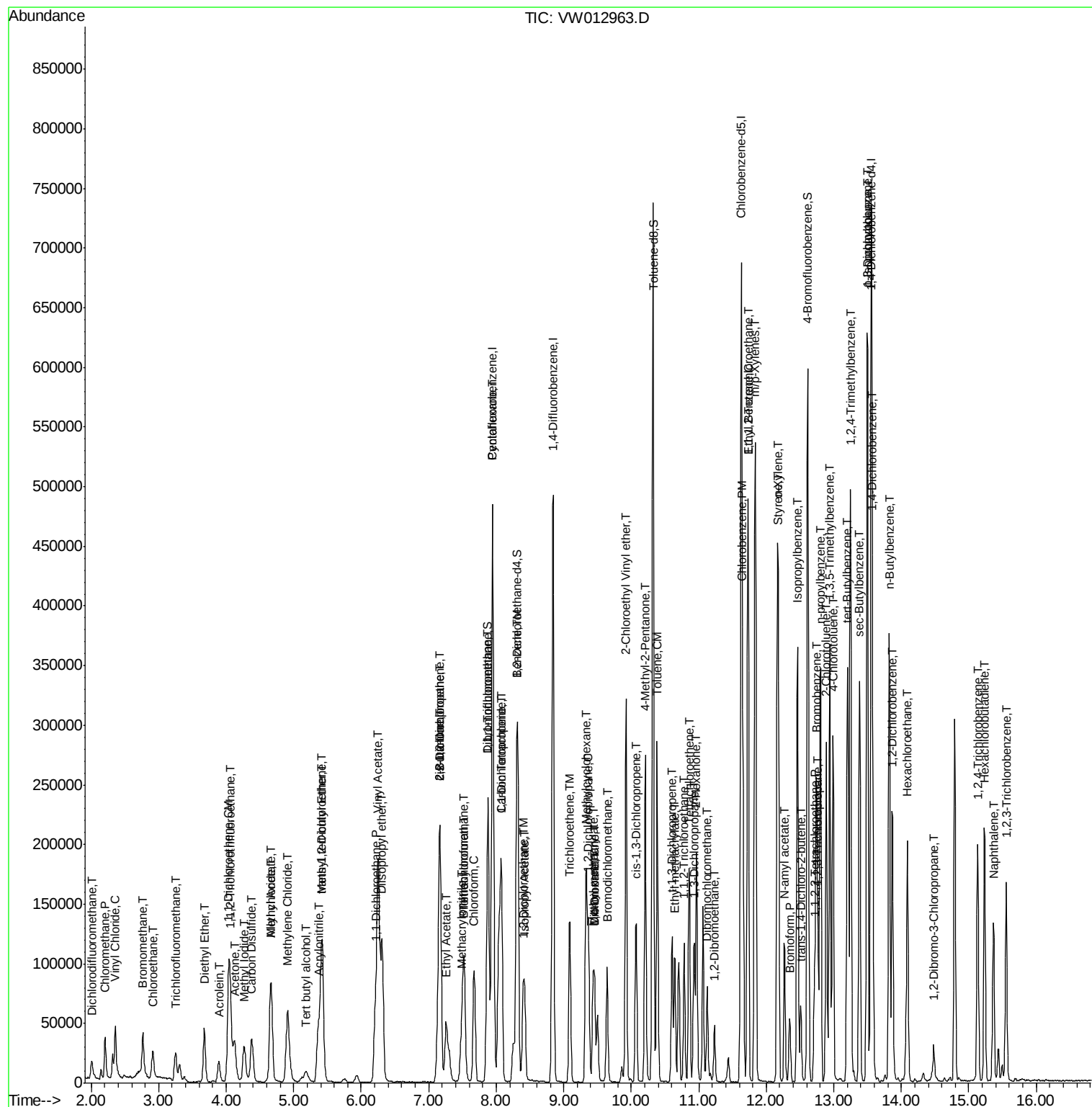
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Data File : VW012963.D  
Acq On : 13 Sep 2019 20:06  
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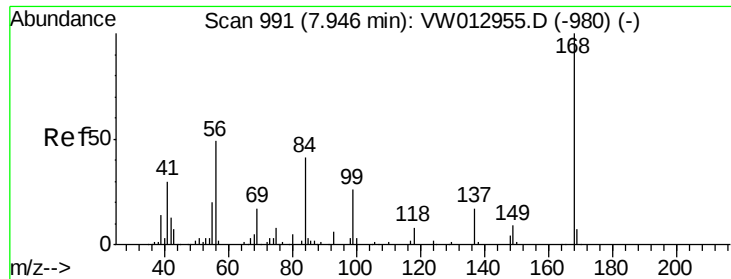
Instrument :  
MSVOA\_W  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0914SBSD01

Tgt Ion:168 Resp: 280937

Ion Ratio Lower Upper

168 100

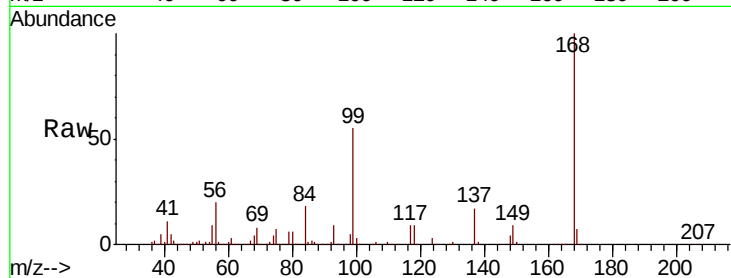
99 55.3 46.2 69.2

Manual Integrations

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9/16/2019 12:43:51 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

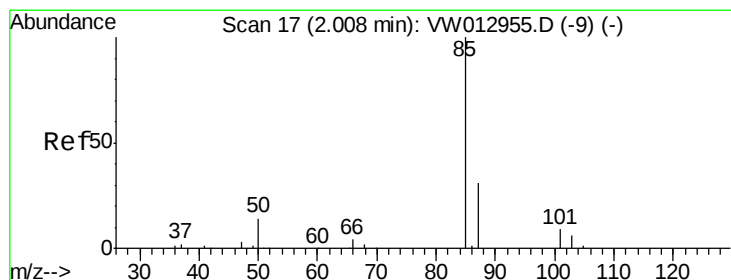
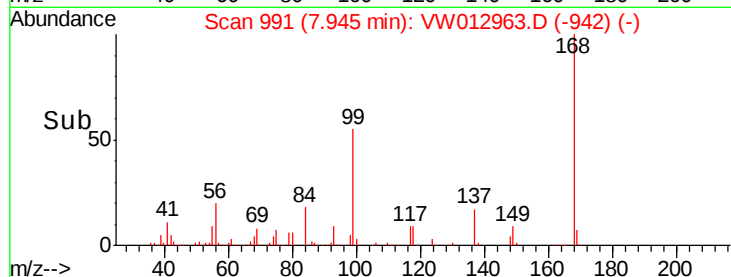
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.684 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012963.D

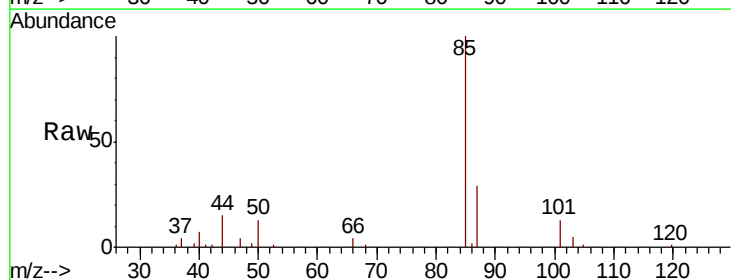
Acq: 13 Sep 2019 20:06

Tgt Ion: 85 Resp: 25065

Ion Ratio Lower Upper

85 100

87 28.9 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

10000

2.01

8000

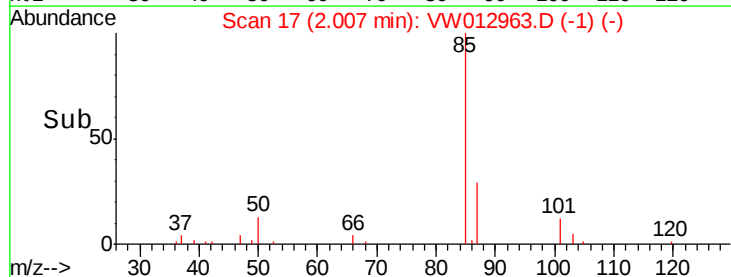
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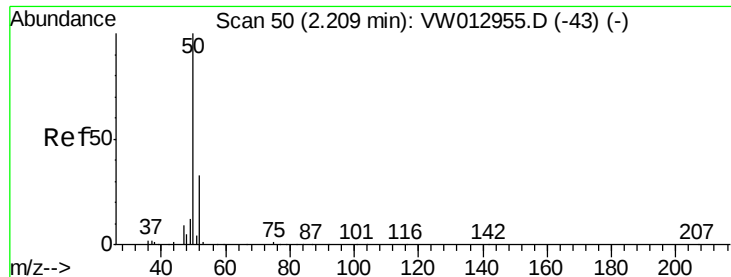
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 22.516 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0914SBSD01

Tgt Ion: 50 Resp: 34046

Ion Ratio Lower Upper

50 100

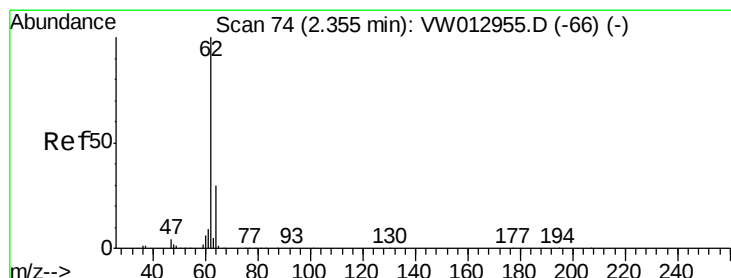
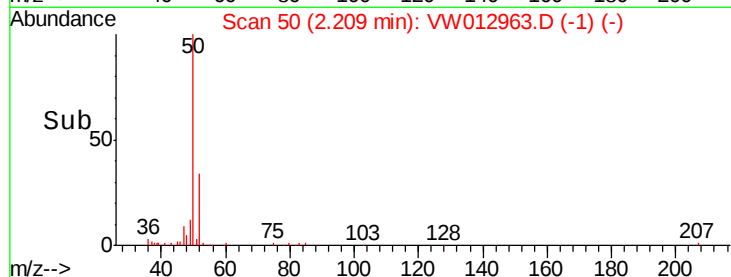
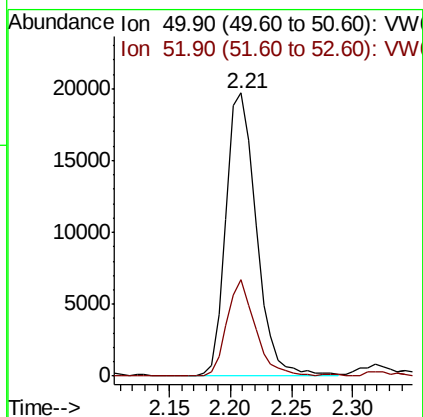
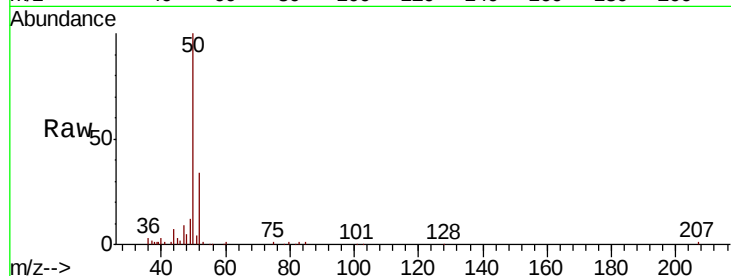
52 34.0 26.6 39.8

Manual Integrations

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9/16/2019 12:43:51 AM



#4

Vinyl Chloride

Concen: 21.281 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW012963.D

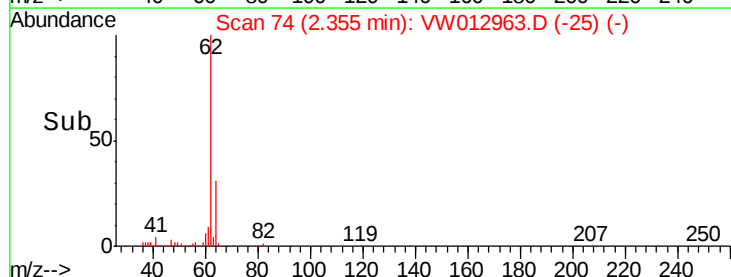
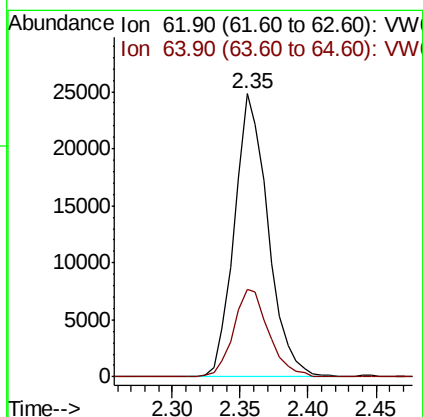
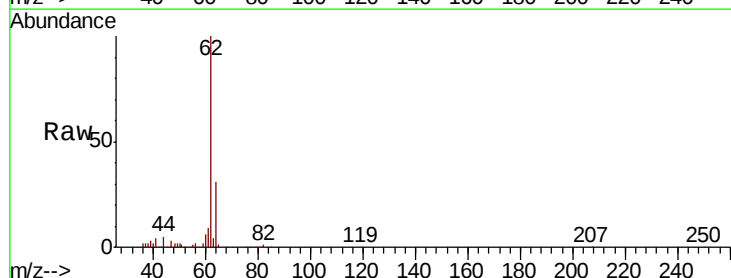
Acq: 13 Sep 2019 20:06

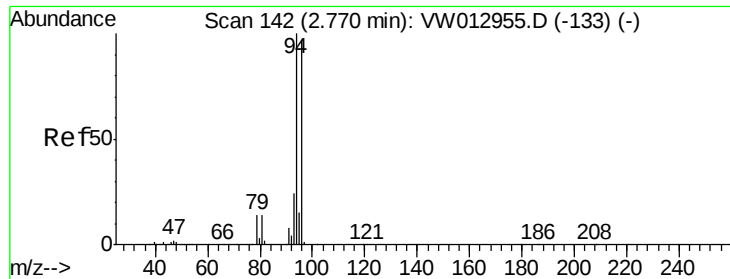
Tgt Ion: 62 Resp: 42794

Ion Ratio Lower Upper

62 100

64 30.8 24.2 36.4





#5

Bromomethane

Concen: 20.713 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 25435

Ion Ratio Lower Upper

94 100

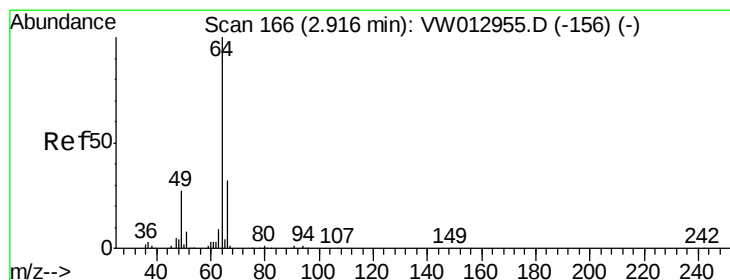
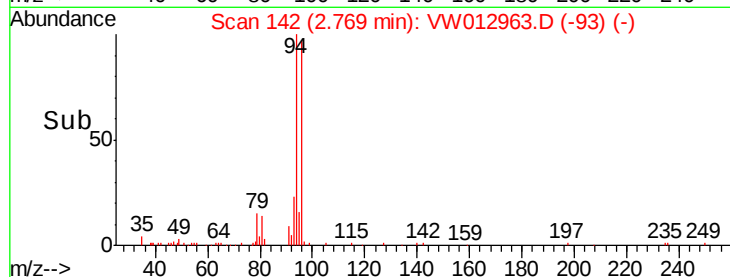
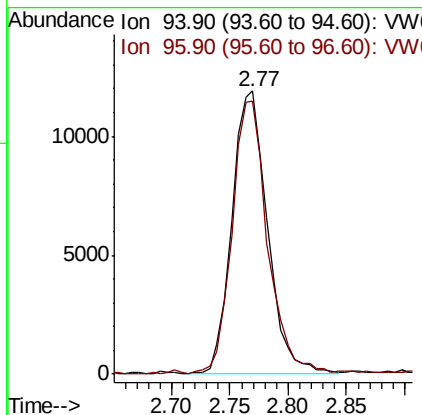
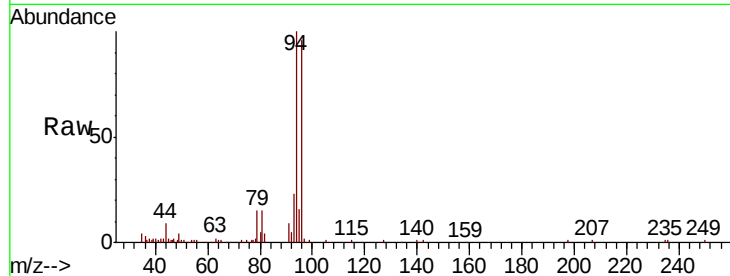
96 96.3 77.8 116.6

Manual Integrations

APPROVED

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9/16/2019 12:43:51 AM



#6

Chloroethane

Concen: 20.544 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012963.D

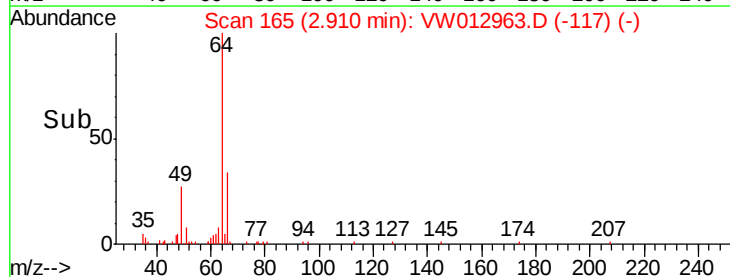
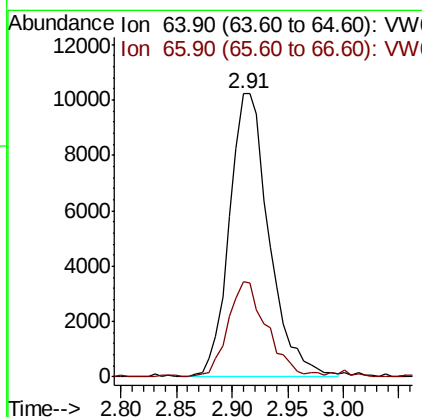
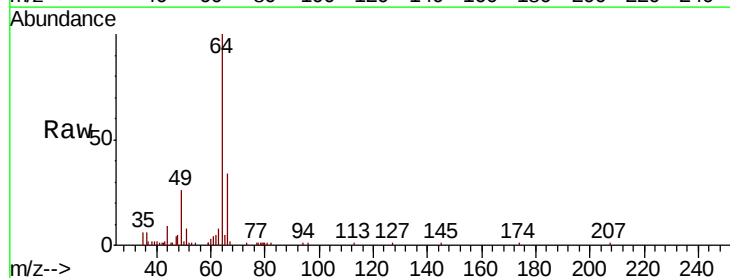
Acq: 13 Sep 2019 20:06

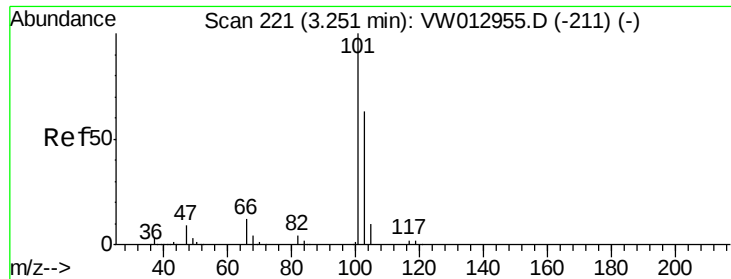
Tgt Ion: 64 Resp: 25337

Ion Ratio Lower Upper

64 100

66 33.5 25.9 38.9





#7

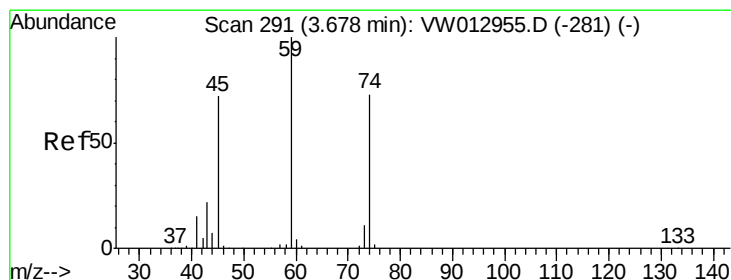
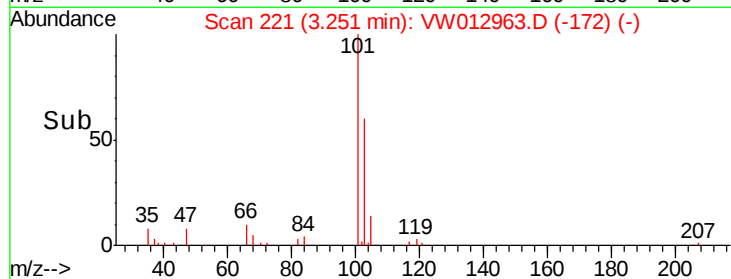
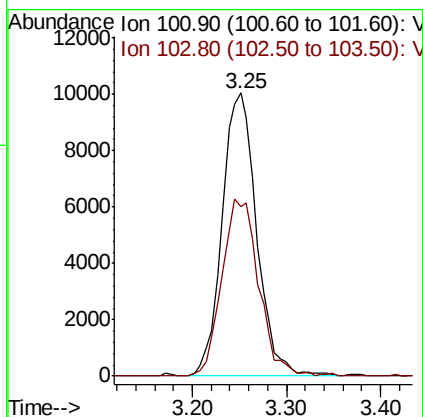
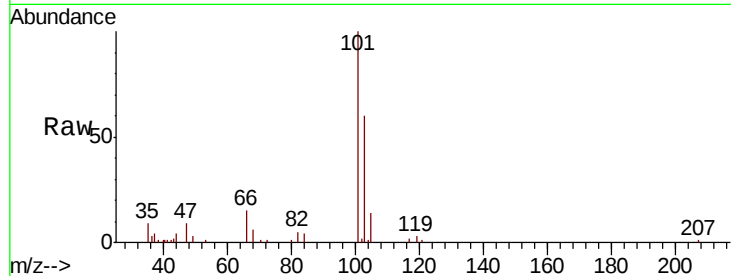
Trichlorofluoromethane  
 Concen: 18.174 ug/l  
 RT: 3.25 min Scan# 221  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0914SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 59.7  | 50.7  | 76.1  |

Manual Integrations  
 APPROVED

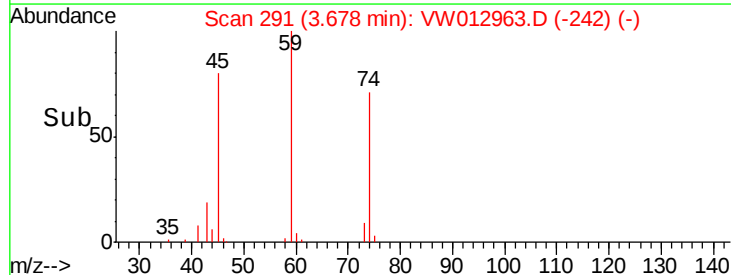
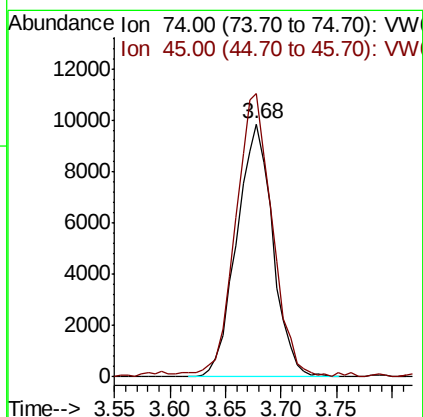
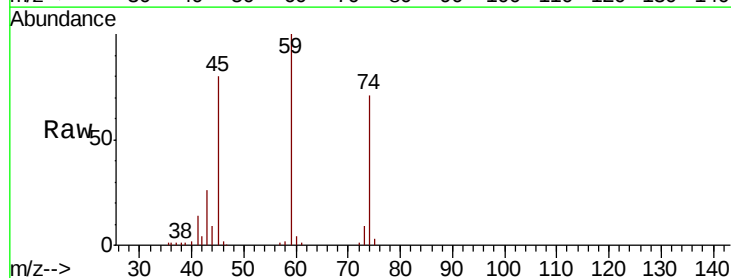
MMDadoda  
 9/16/2019 12:43:51 AM

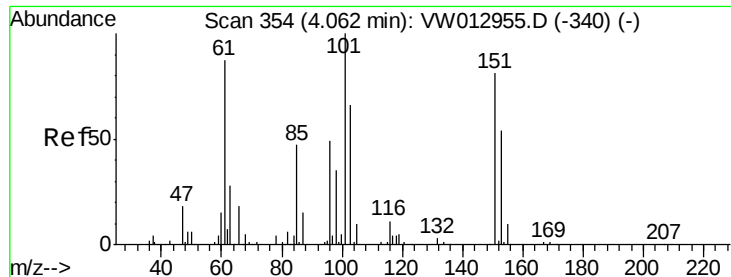


#8

Diethyl Ether  
 Concen: 20.219 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 114.2 | 53.8  | 161.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.521 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

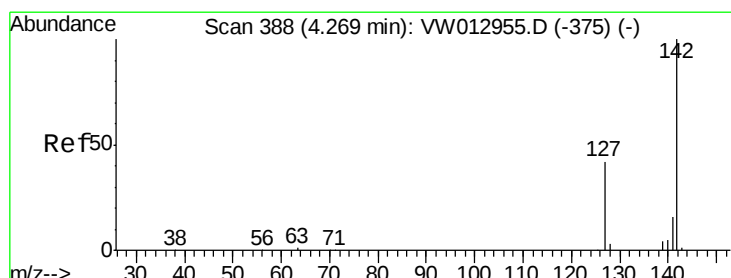
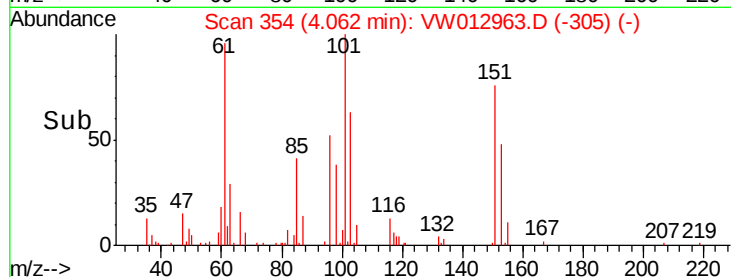
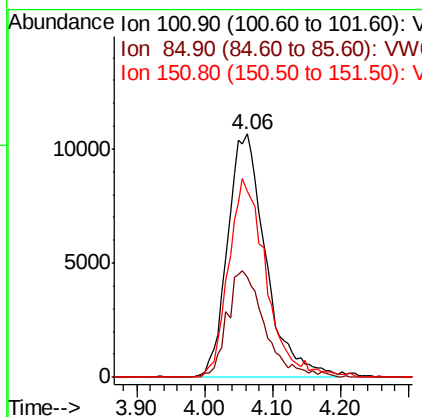
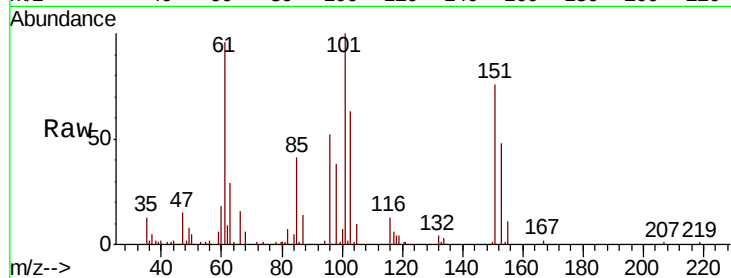
ClientSampleId :

VW0914SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 41634 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.3  | 34.9  | 52.3  |
| 151       | 80.6  | 66.0  | 99.0  |

Manual Integrations  
APPROVED

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9/16/2019 12:43:51 AM



#10

Methyl Iodide

Concen: 20.994 ug/l

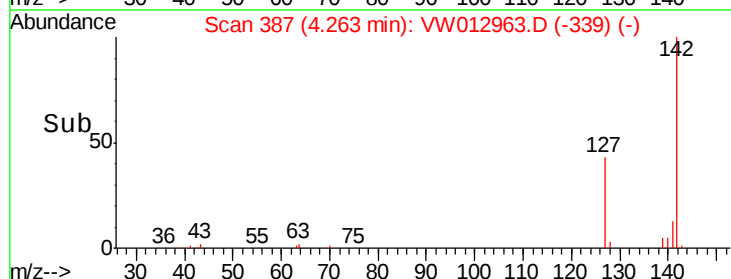
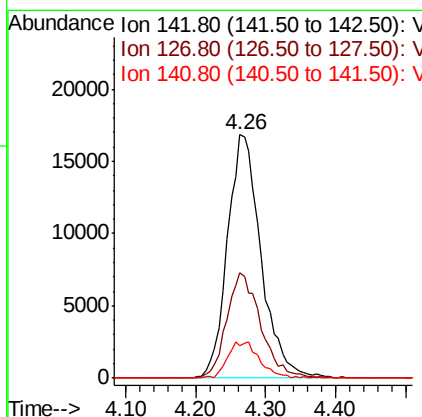
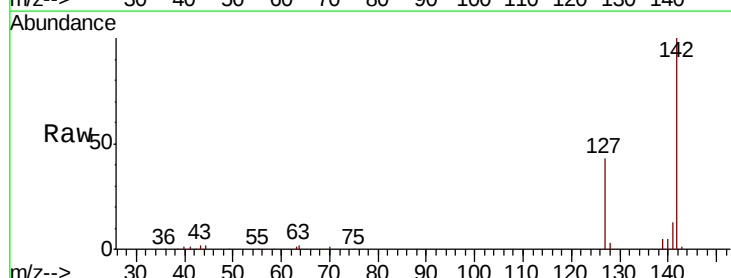
RT: 4.26 min Scan# 387

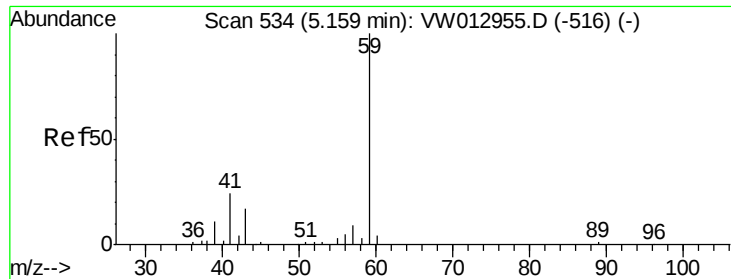
Delta R.T. -0.01 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 56034 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.5  | 34.7  | 52.1  |
| 141       | 14.2  | 12.2  | 18.2  |





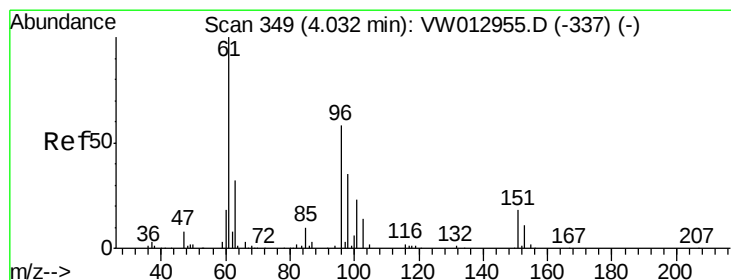
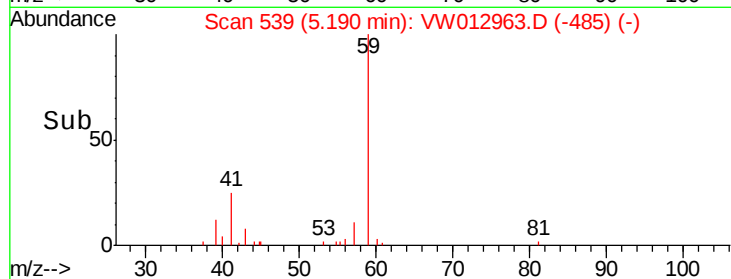
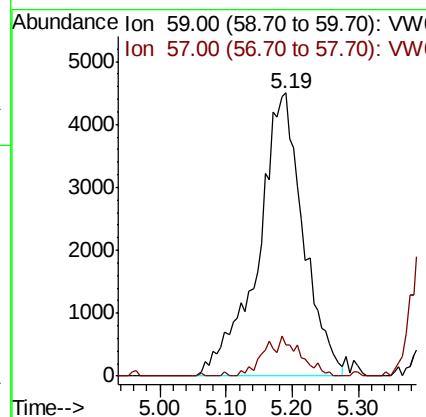
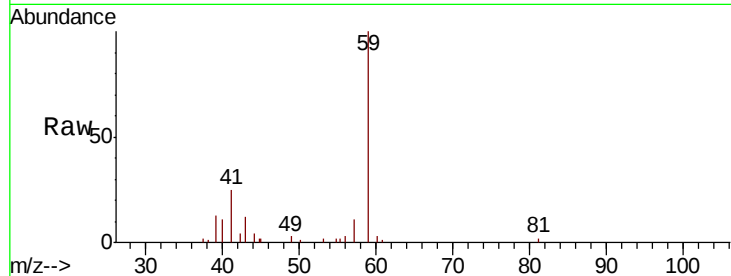
#11  
Tert butyl alcohol  
Concen: 110.510 ug/l  
RT: 5.19 min Scan# 539  
Delta R.T. 0.03 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBS01

Tgt Ion: 59 Resp: 21449  
Ion Ratio Lower Upper  
59 100  
57 6.5 8.5 12.7#

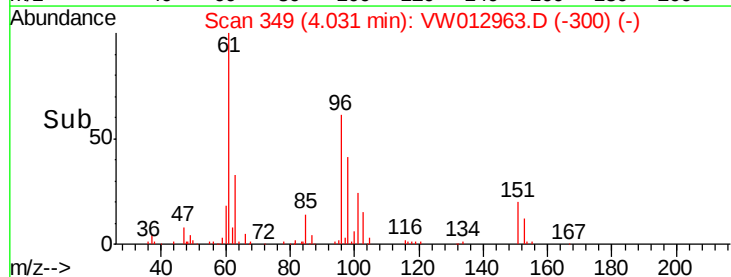
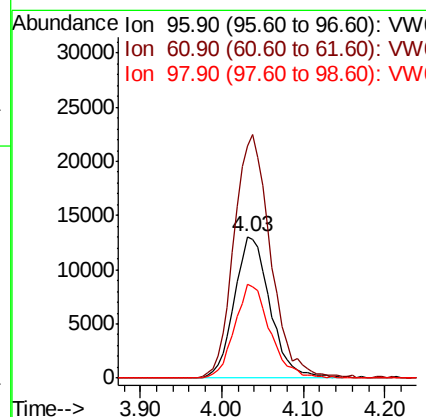
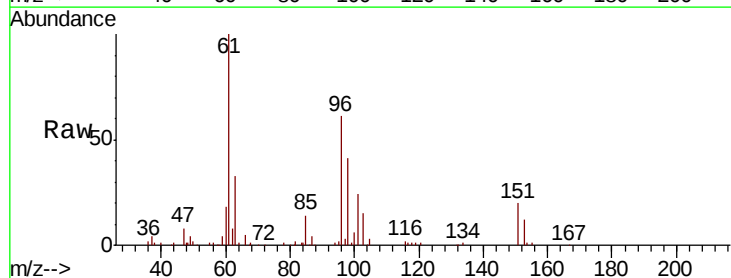
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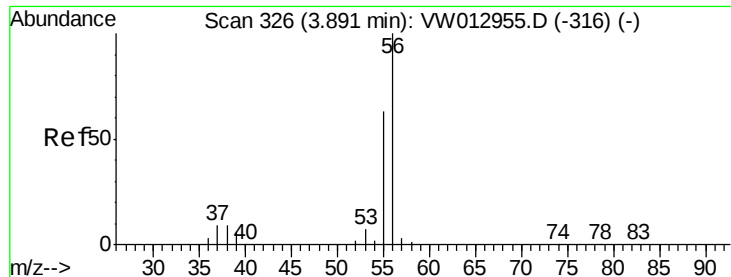
MMDadoda  
9/16/2019 12:43:51 AM



#12  
1,1-Dichloroethene  
Concen: 20.415 ug/l  
RT: 4.03 min Scan# 349  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Tgt Ion: 96 Resp: 39589  
Ion Ratio Lower Upper  
96 100  
61 164.0 137.9 206.9  
98 66.8 48.9 73.3





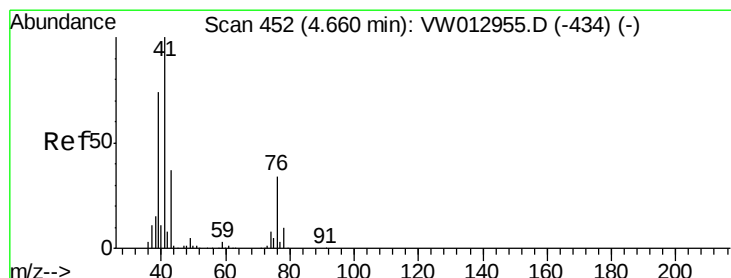
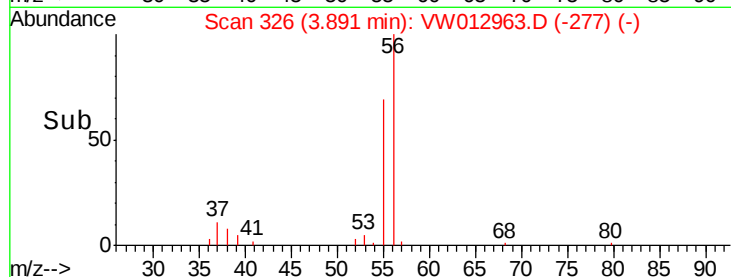
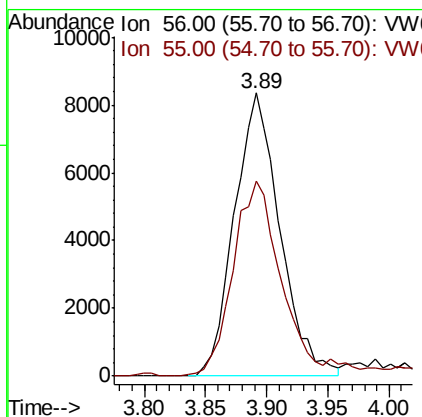
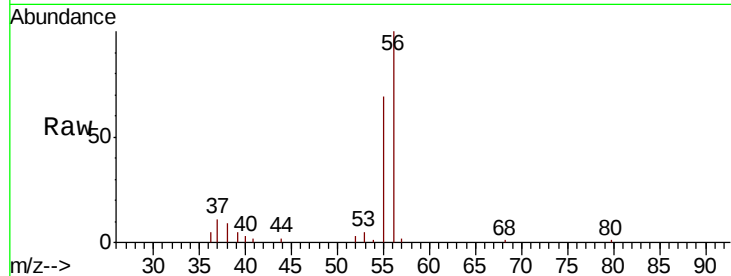
#13  
Acrolein  
Concen: 108.983 ug/l  
RT: 3.89 min Scan# 326  
Delta R.T. 0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

Tgt Ion: 56 Resp: 21602  
Ion Ratio Lower Upper  
56 100  
55 71.2 55.8 83.8

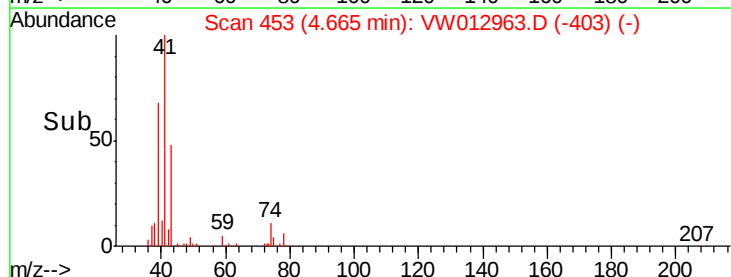
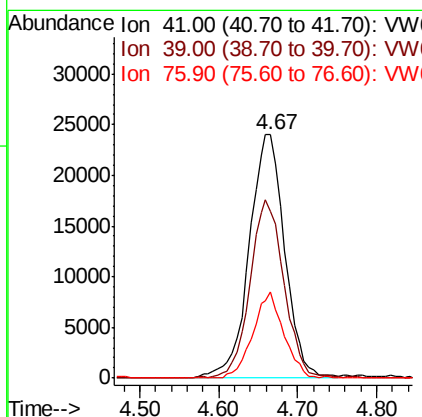
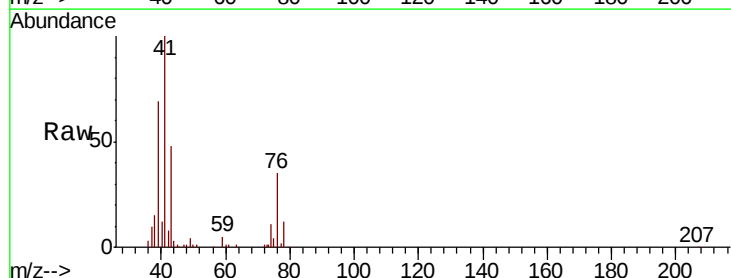
Manual Integrations  
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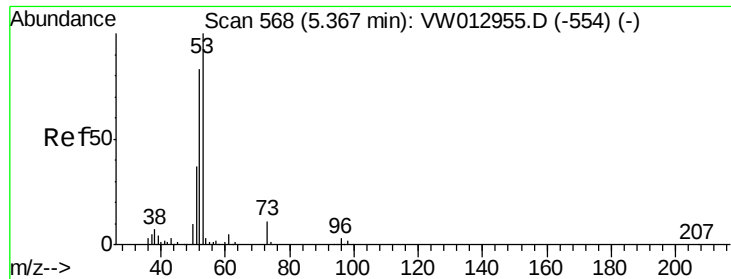
MMDadoda  
9/16/2019 12:43:51 AM



#14  
Allyl chloride  
Concen: 20.390 ug/l  
RT: 4.67 min Scan# 453  
Delta R.T. 0.01 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Tgt Ion: 41 Resp: 75063  
Ion Ratio Lower Upper  
41 100  
39 70.4 56.7 85.1  
76 30.8 25.1 37.7





#15

Acrylonitrile

Concen: 104.944 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

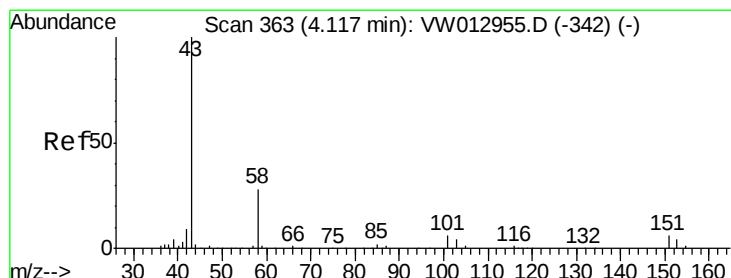
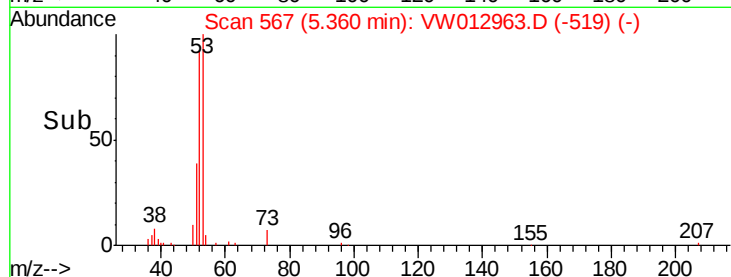
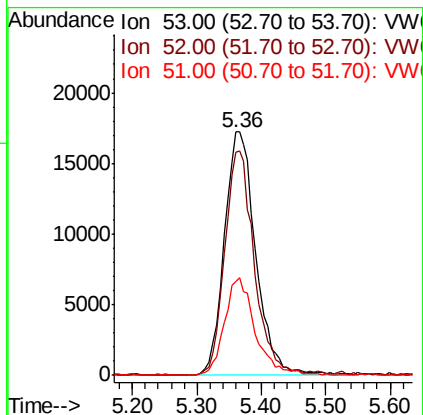
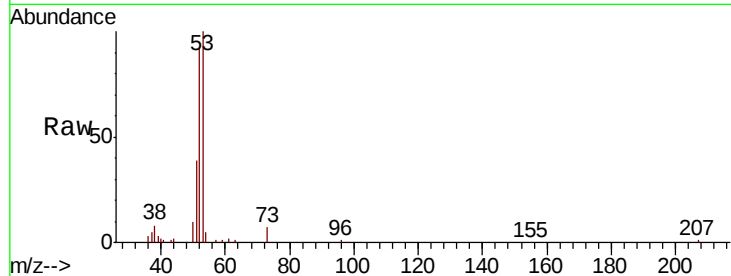
ClientSampleId :

VW0914SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 53    | Resp: | 58852 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 86.9  | 66.6  | 100.0 |
| 51        | 38.3  | 29.8  | 44.8  |

Manual Integrations  
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MMDadoda  
9/16/2019 12:43:51 AM



#16

Acetone

Concen: 81.821 ug/l

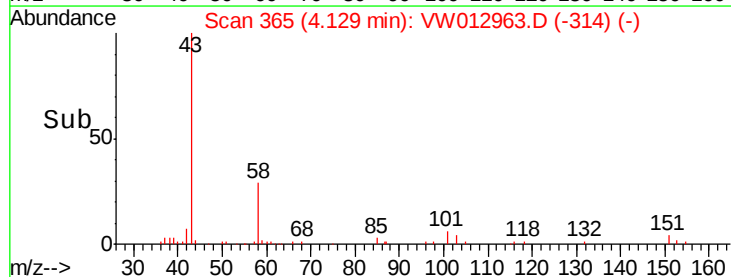
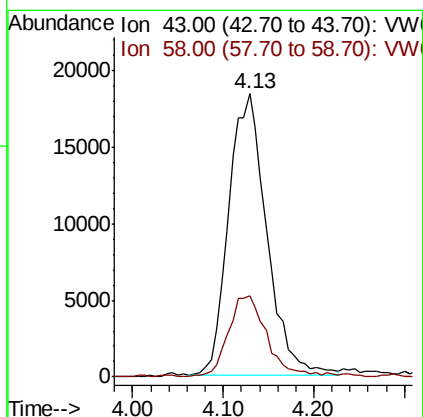
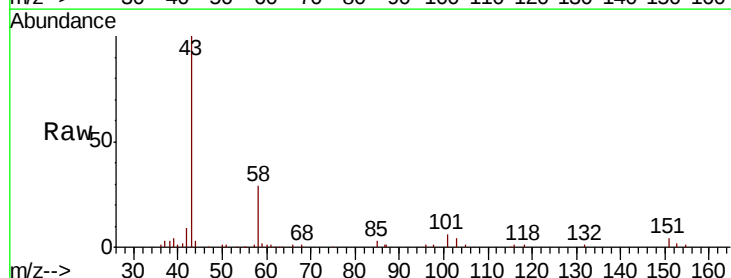
RT: 4.13 min Scan# 365

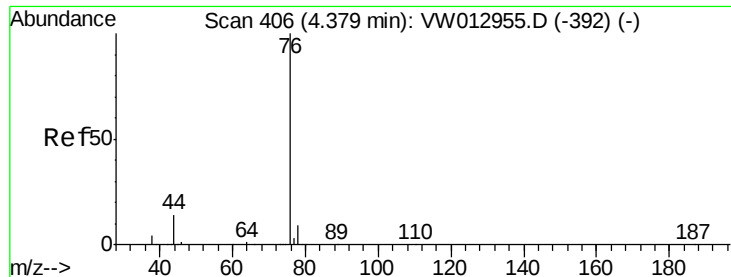
Delta R.T. 0.01 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 53470 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 28.9  | 22.3  | 33.5  |





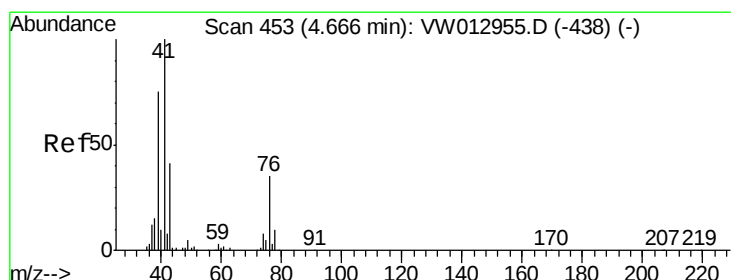
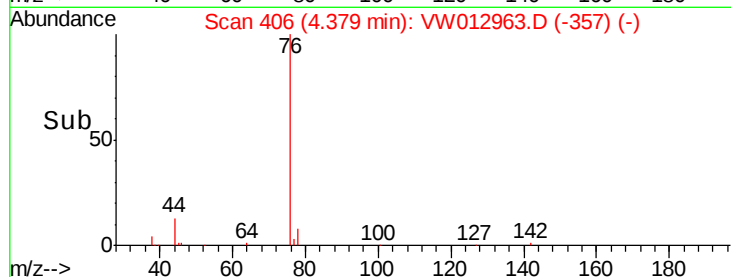
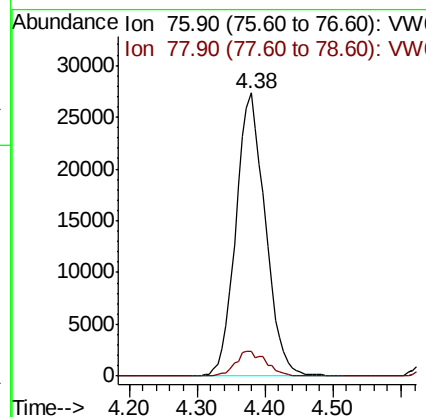
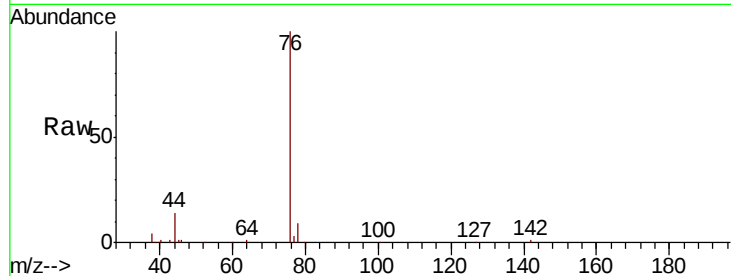
#17  
Carbon Disulfide  
Concen: 21.228 ug/l  
RT: 4.38 min Scan# 406  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

Tgt Ion: 76 Resp: 82036  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.0 10.4

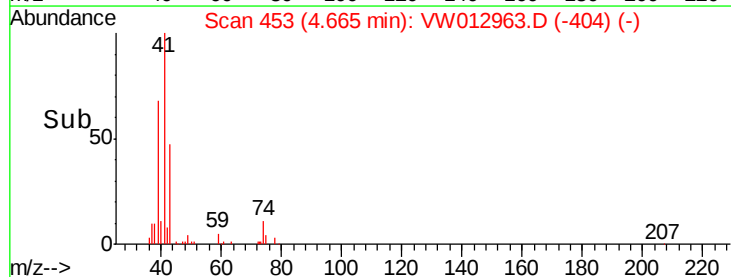
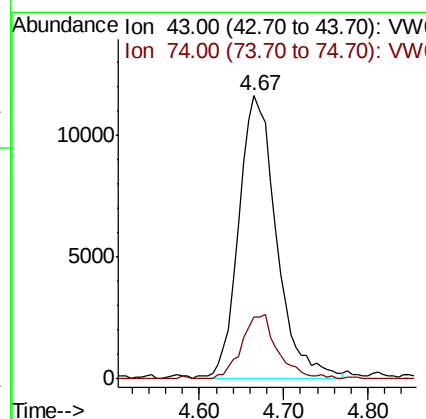
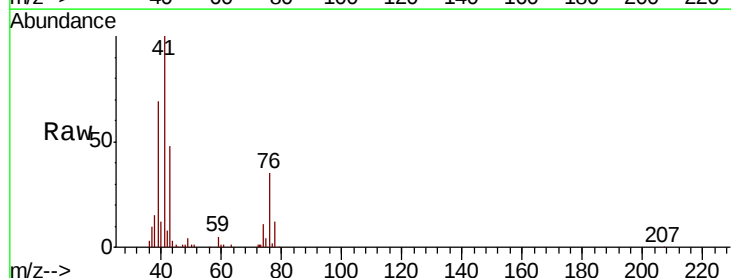
Manual Integrations  
APPROVED

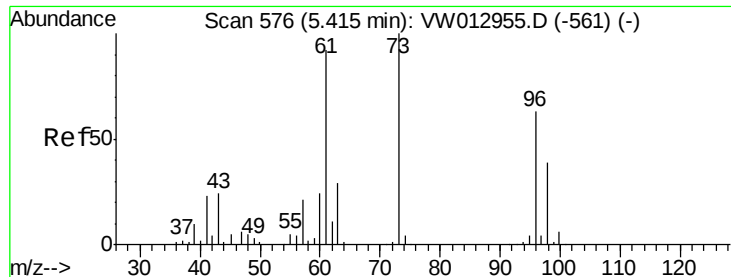
MMDadoda  
9/16/2019 12:43:51 AM



#18  
Methyl Acetate  
Concen: 23.920 ug/l  
RT: 4.67 min Scan# 453  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Tgt Ion: 43 Resp: 35359  
Ion Ratio Lower Upper  
43 100  
74 21.1 17.8 26.8





#19

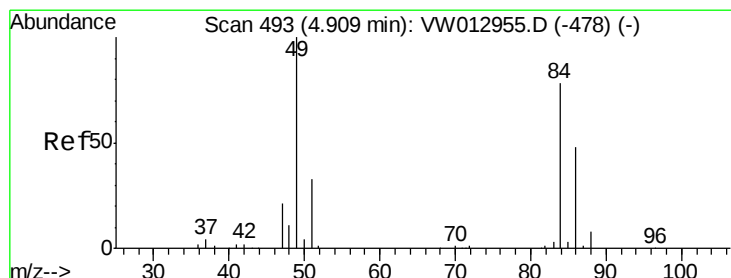
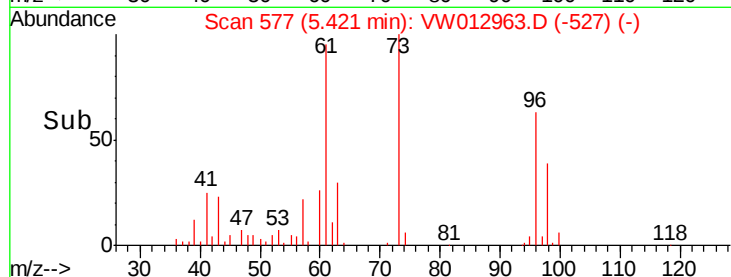
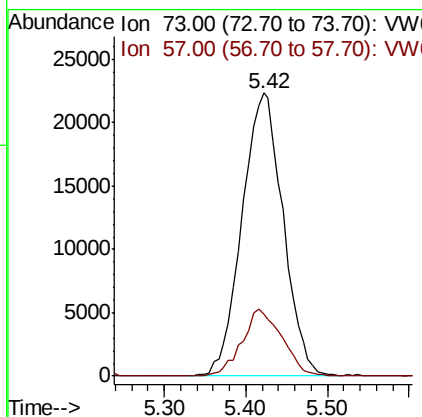
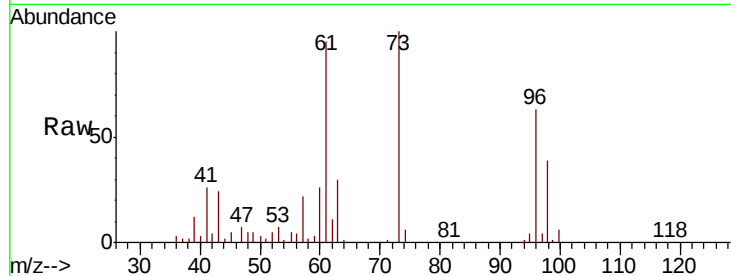
Methyl tert-butyl Ether  
Concen: 20.443 ug/l  
RT: 5.42 min Scan# 577  
Delta R.T. 0.01 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

Tgt Ion: 73 Resp: 78253  
Ion Ratio Lower Upper  
73 100  
57 21.7 16.4 24.6

Manual Integrations  
APPROVED

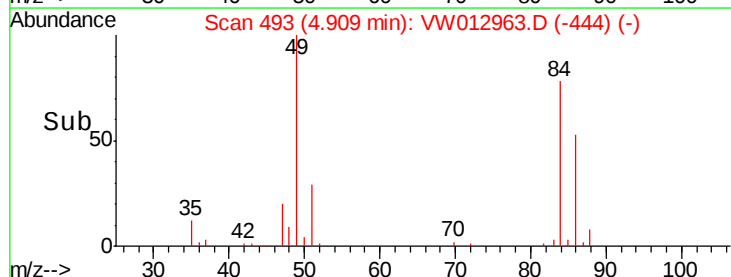
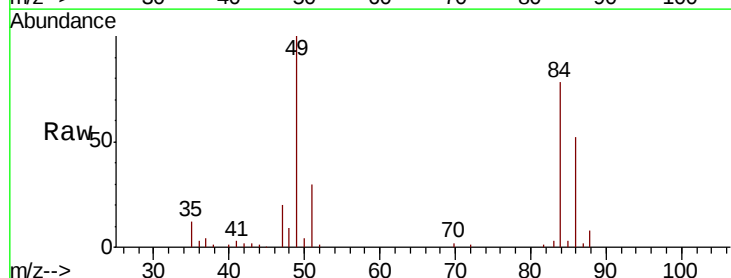
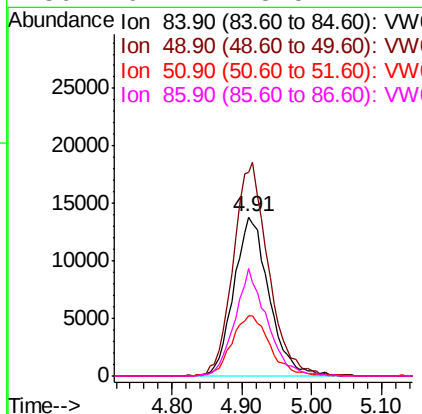
MMDadoda  
9/16/2019 12:43:51 AM

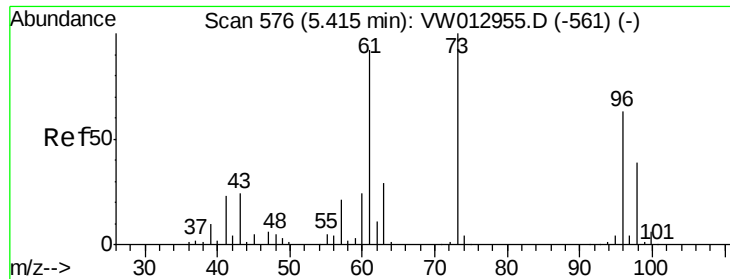


#20

Methylene Chloride  
Concen: 19.874 ug/l  
RT: 4.91 min Scan# 493  
Delta R.T. 0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Tgt Ion: 84 Resp: 48211  
Ion Ratio Lower Upper  
84 100  
49 128.1 102.0 153.0  
51 37.9 34.0 51.0  
86 67.4 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 20.103 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0914SBSD01

Tgt Ion: 96 Resp: 41752

Ion Ratio Lower Upper

96 100

61 142.6 116.2 174.2

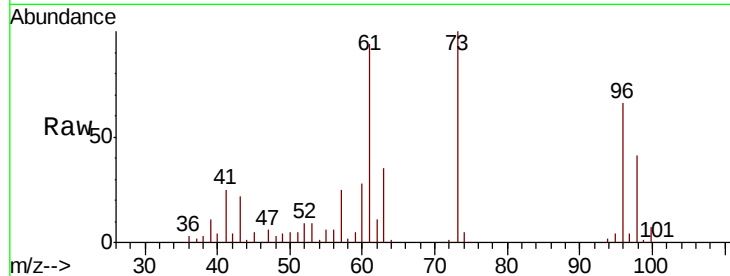
98 62.4 49.8 74.6

Manual Integrations

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MMDadoda

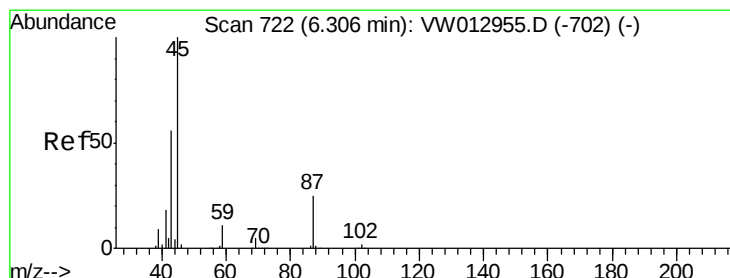
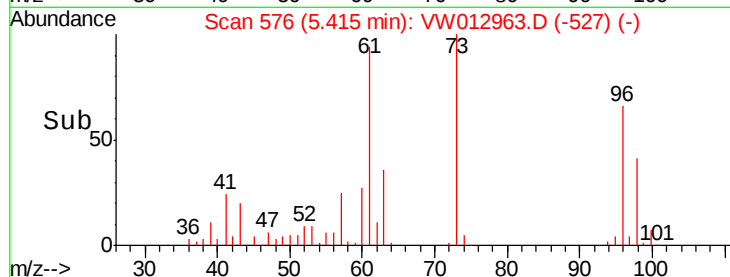
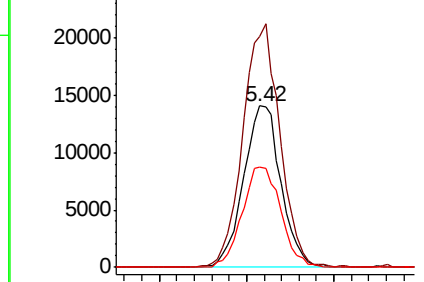
9/16/2019 12:43:51 AM



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.108 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Tgt Ion: 45 Resp: 153786

Ion Ratio Lower Upper

45 100

43 54.6 44.6 67.0

87 21.1 20.0 30.0

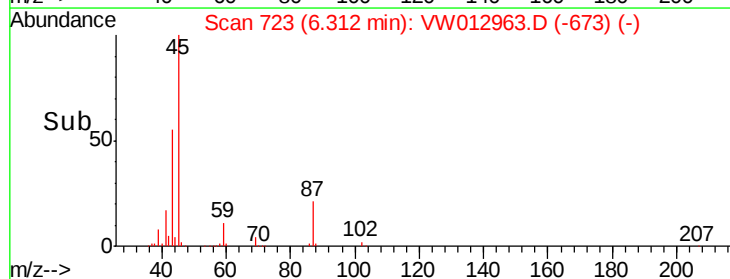
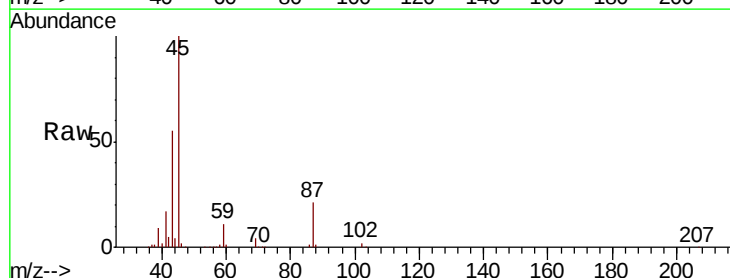
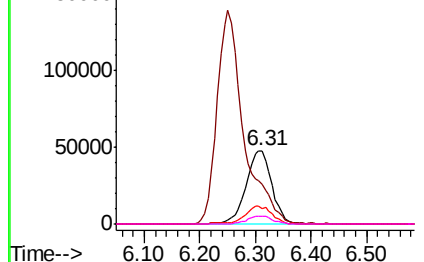
59 11.3 8.7 13.1

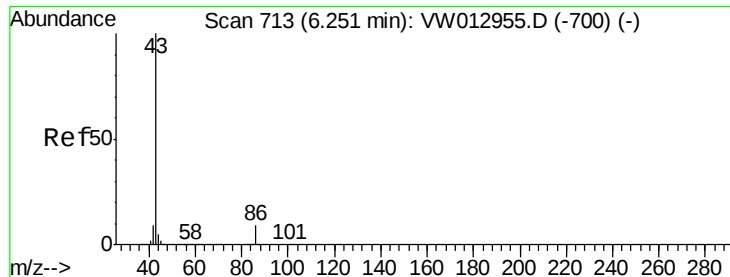
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 101.374 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0914SBSD01

Tgt Ion: 43 Resp: 464356

Ion Ratio Lower Upper

43 100

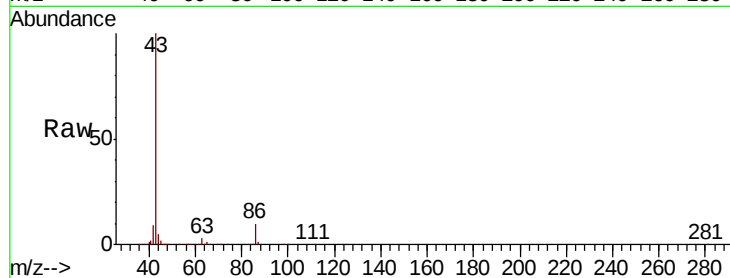
86 9.7 7.0 10.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

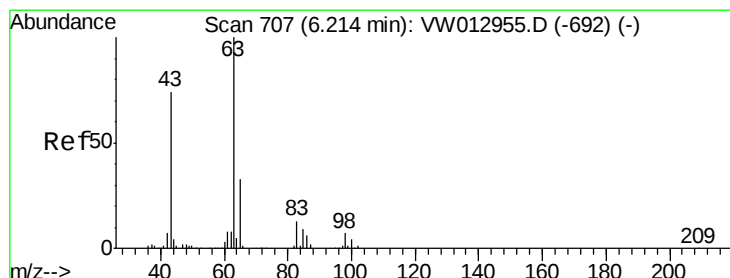
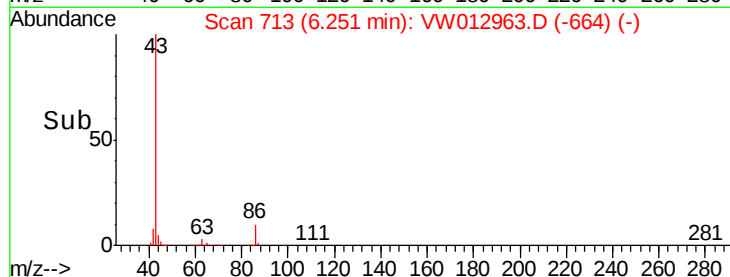
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.931 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

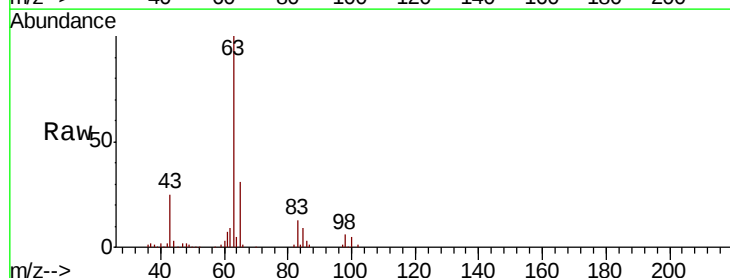
Tgt Ion: 63 Resp: 87888

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

100 5.2 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

40000

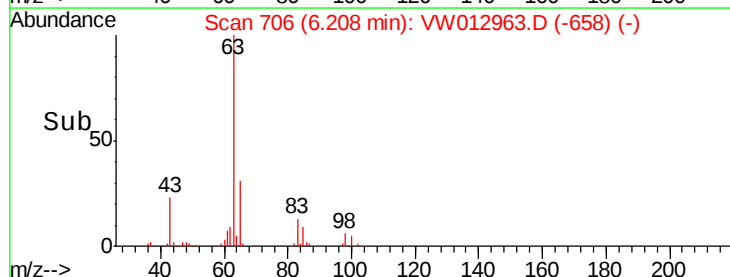
30000

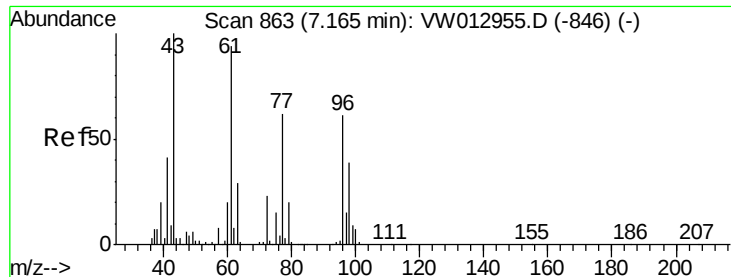
20000

10000

0

Time-->





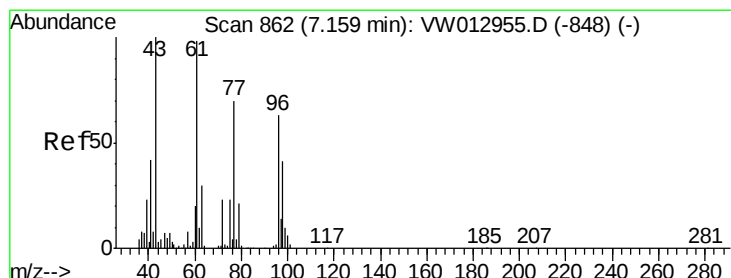
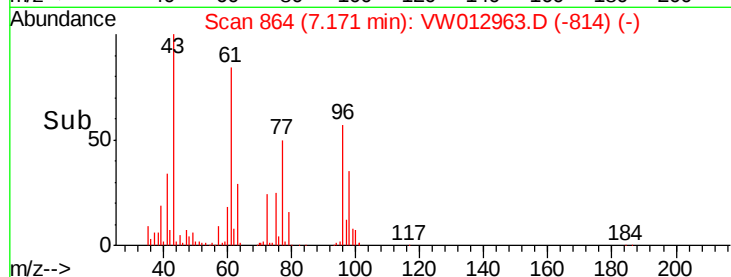
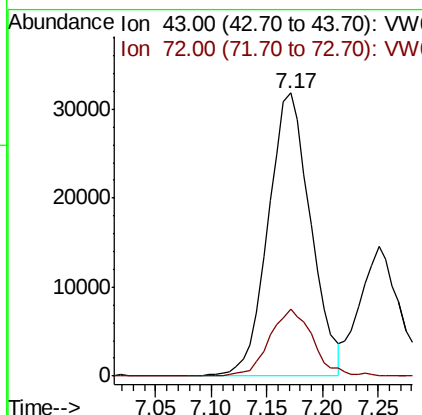
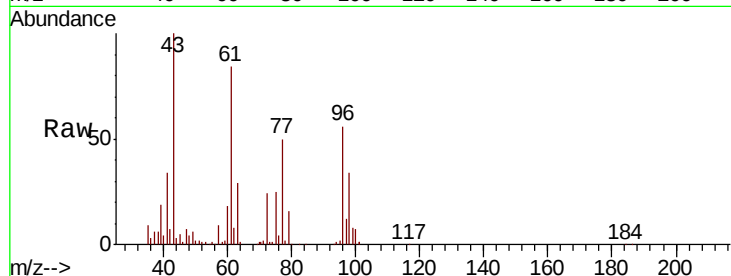
#25  
2-Butanone  
Concen: 102.783 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. 0.01 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleID :  
VW0914SBSD01

Tgt Ion: 43 Resp: 84800  
Ion Ratio Lower Upper  
43 100  
72 23.7 18.2 27.4

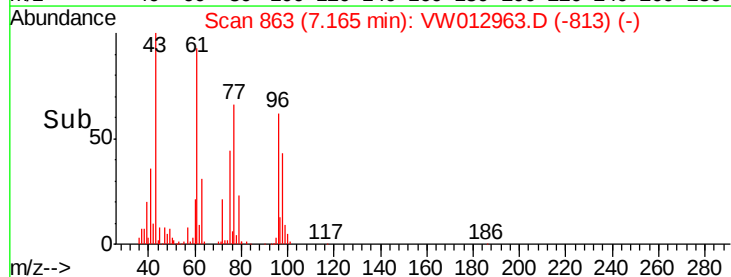
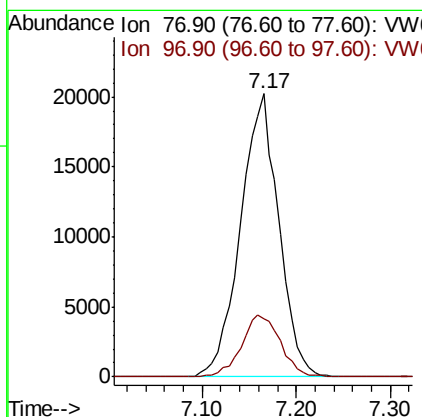
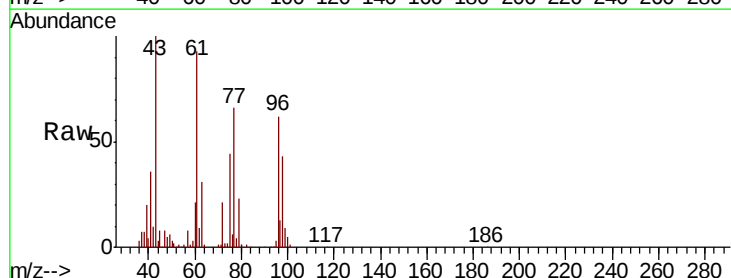
Manual Integrations  
APPROVED

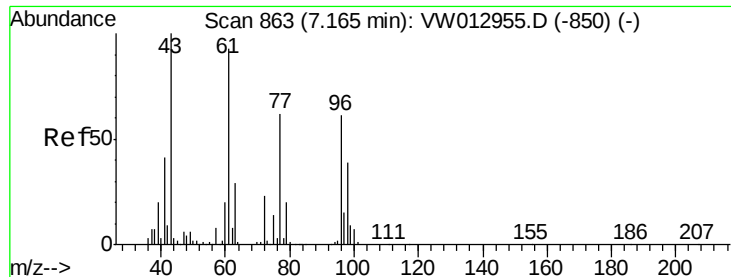
MMDadoda  
9/16/2019 12:43:51 AM



#26  
2,2-Dichloropropane  
Concen: 17.655 ug/l  
RT: 7.17 min Scan# 863  
Delta R.T. 0.01 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Tgt Ion: 77 Resp: 57255  
Ion Ratio Lower Upper  
77 100  
97 22.2 10.7 32.1





#27

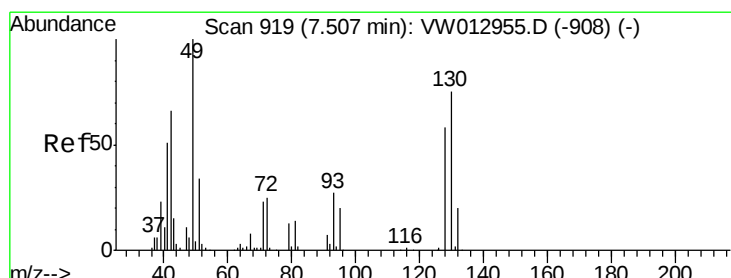
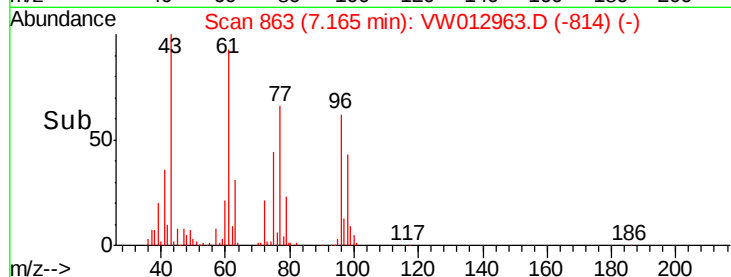
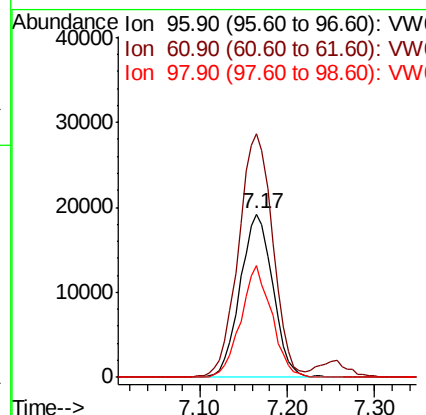
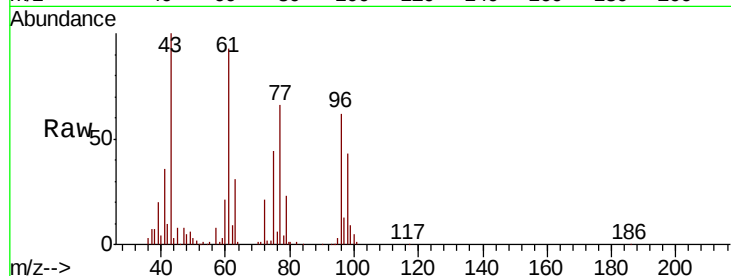
cis-1,2-Dichloroethene  
 Concen: 20.024 ug/l  
 RT: 7.17 min Scan# 863  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0914SBSD01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 49790 |       |       |
| 61      | 157.0 | 0.0   | 315.4 |       |
| 98      | 65.0  | 0.0   | 131.0 |       |

Manual Integrations  
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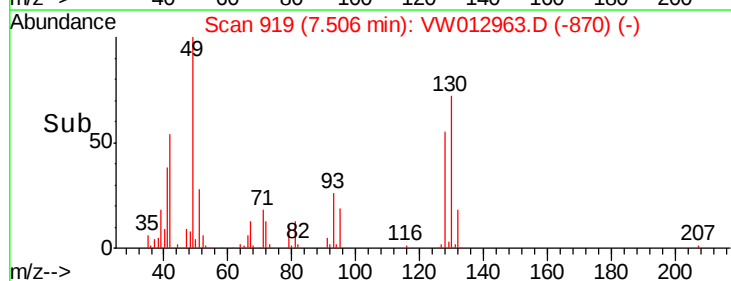
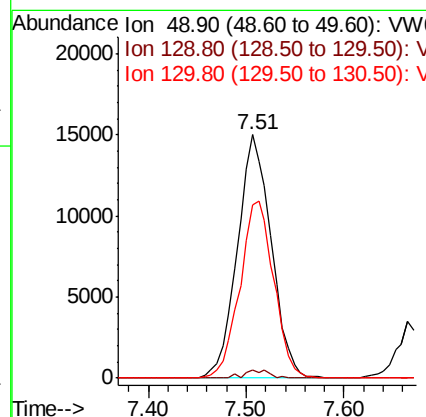
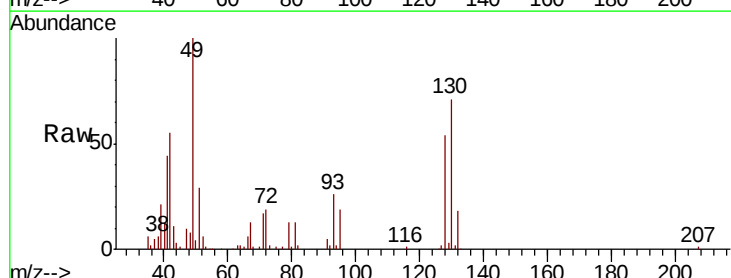
MMDadoda  
 9/16/2019 12:43:51 AM

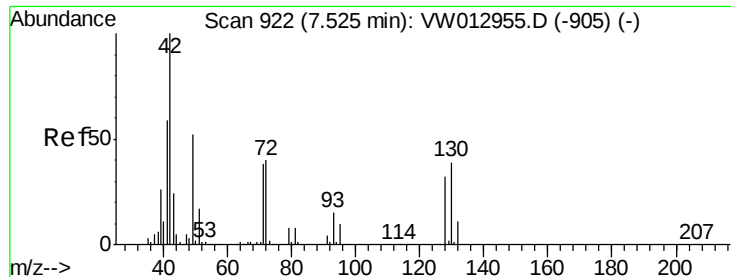


#28

Bromochloromethane  
 Concen: 19.370 ug/l  
 RT: 7.51 min Scan# 919  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 35951 |       |       |
| 129     | 2.3   | 0.0   | 1.4#  |       |
| 130     | 73.0  | 57.8  | 86.6  |       |





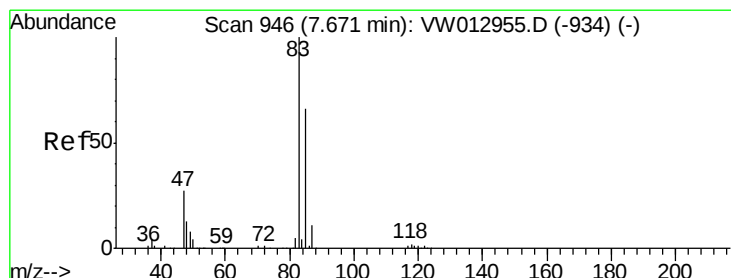
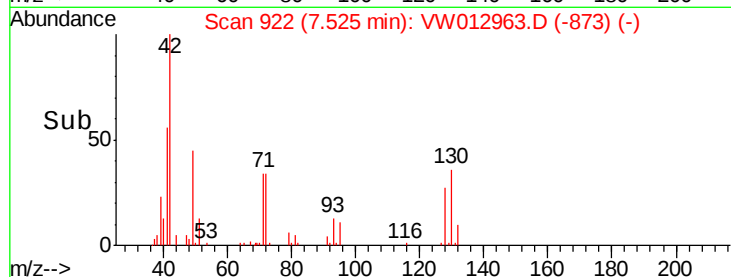
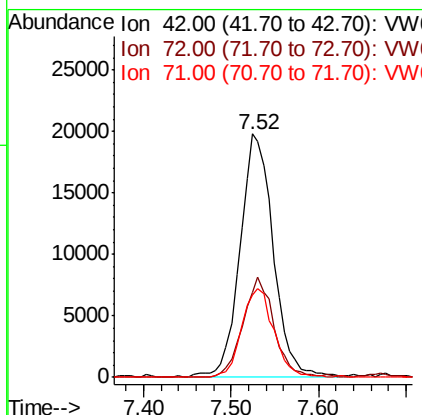
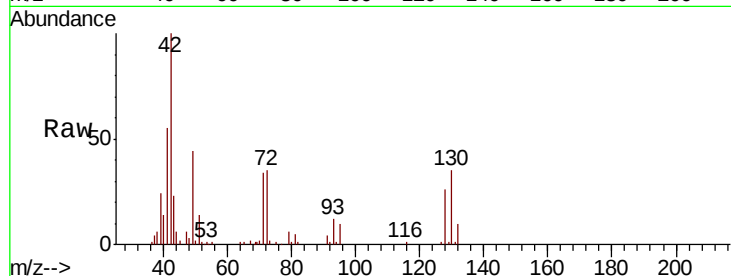
#29  
Tetrahydrofuran  
Concen: 111.387 ug/l  
RT: 7.52 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 38.4  | 31.4  | 47.0  |
| 71      | 35.2  | 29.8  | 44.8  |

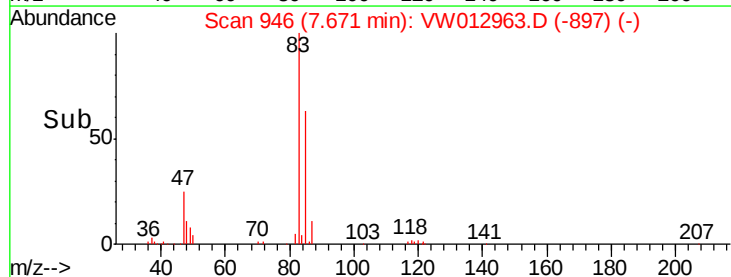
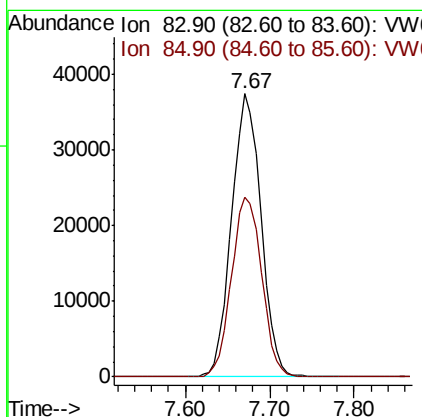
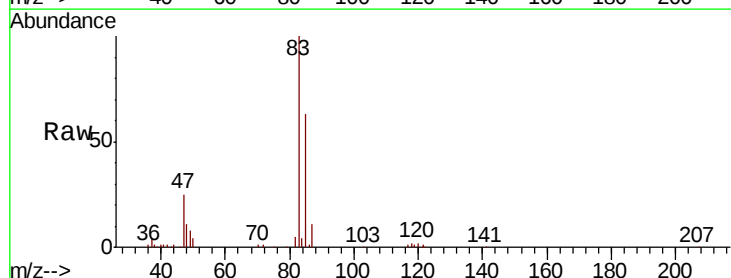
Manual Integrations  
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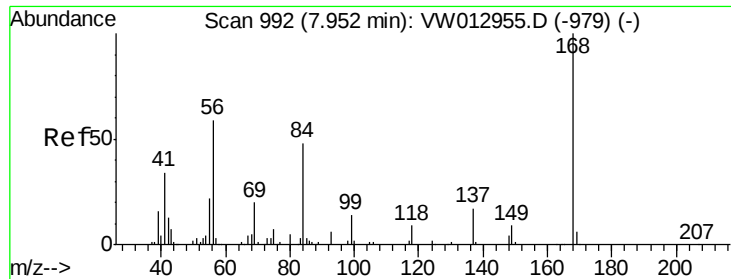
MMDadoda  
9/16/2019 12:43:51 AM



#30  
Chloroform  
Concen: 19.731 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.3  | 52.8  | 79.2  |





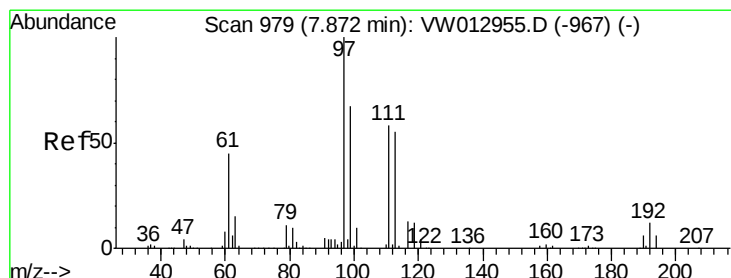
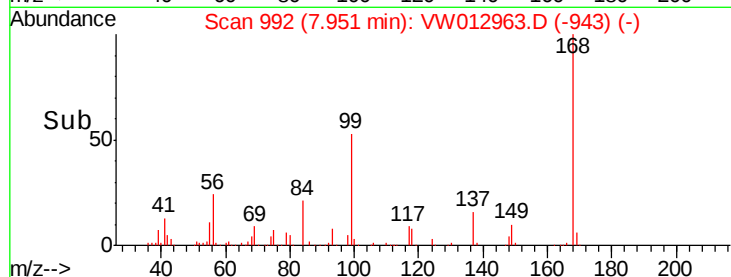
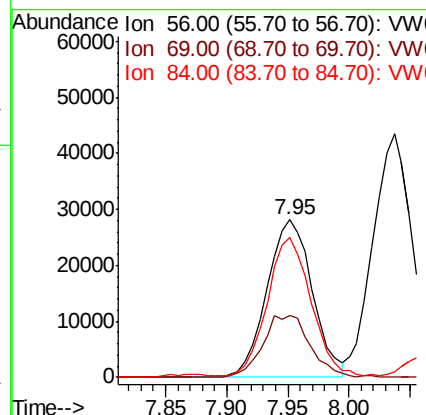
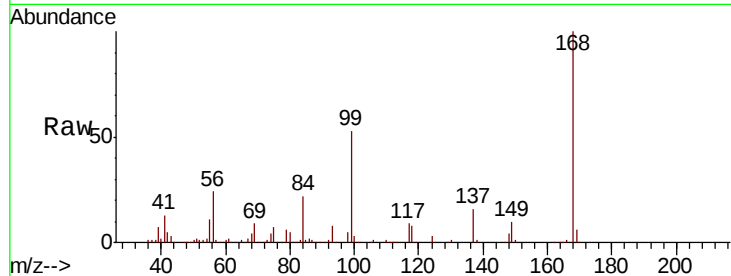
#31  
Cyclohexane  
Concen: 19.457 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 39.0  | 27.0  | 40.6  |
| 84      | 86.7  | 66.2  | 99.2  |

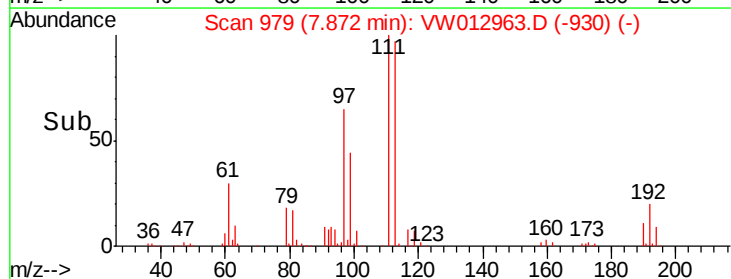
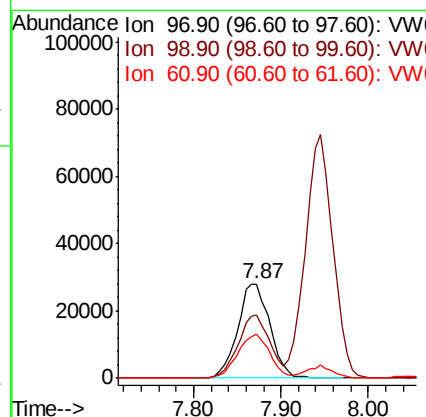
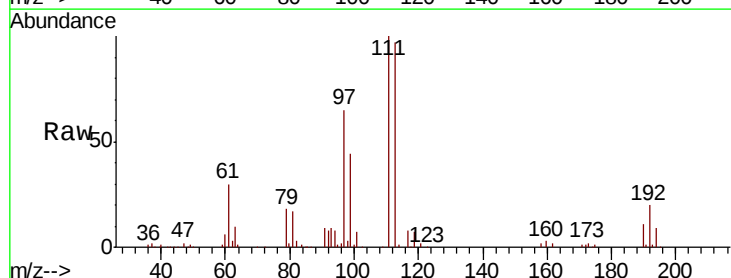
Manual Integrations  
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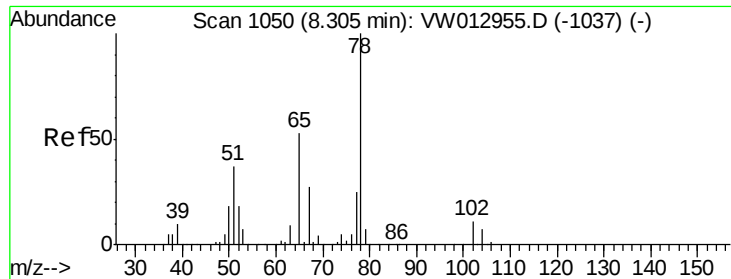
MMDadoda  
9/16/2019 12:43:51 AM



#32  
1,1,1-Trichloroethane  
Concen: 19.414 ug/l  
RT: 7.87 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 66.1  | 53.0  | 79.4  |
| 61      | 45.9  | 36.5  | 54.7  |





#33

1,2-Dichloroethane-d4

Concen: 55.065 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0914SBSD01

Tgt Ion: 65 Resp: 142874

Ion Ratio Lower Upper

65 100

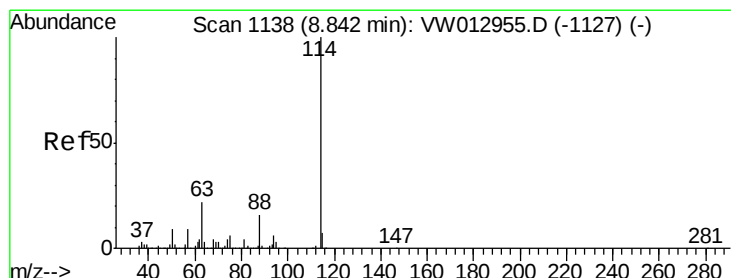
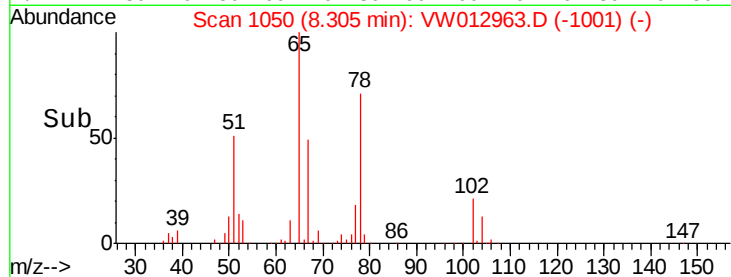
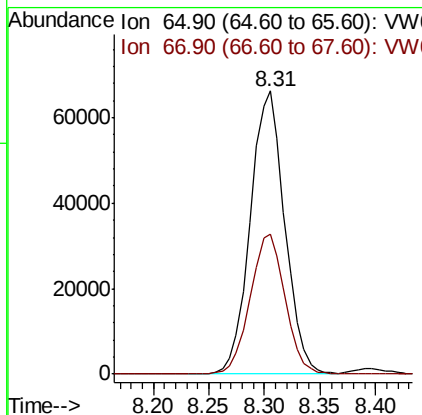
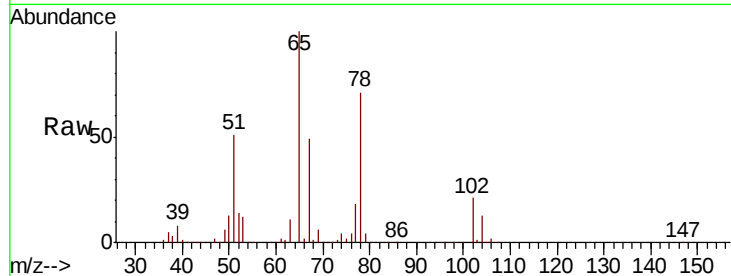
67 50.2 0.0 101.2

Manual Integrations

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MMDadoda

9/16/2019 12:43:51 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

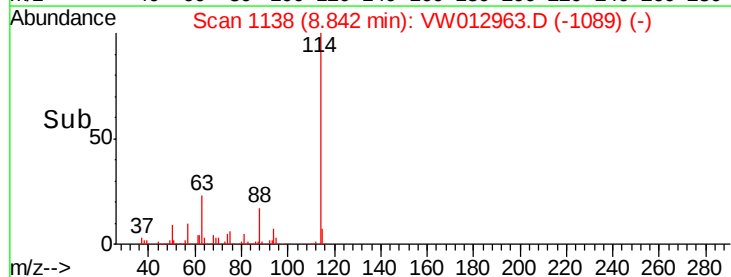
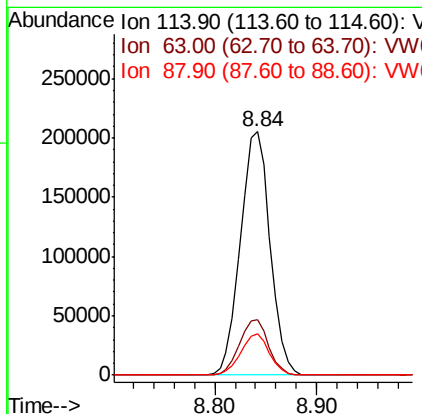
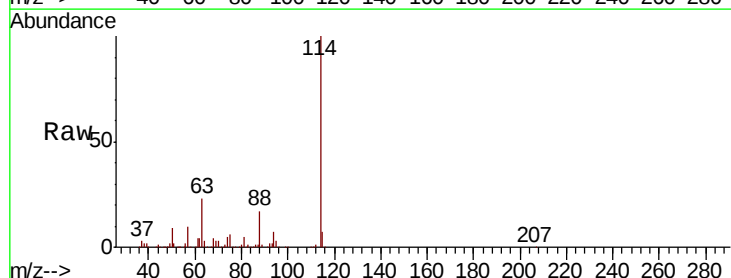
Tgt Ion: 114 Resp: 414554

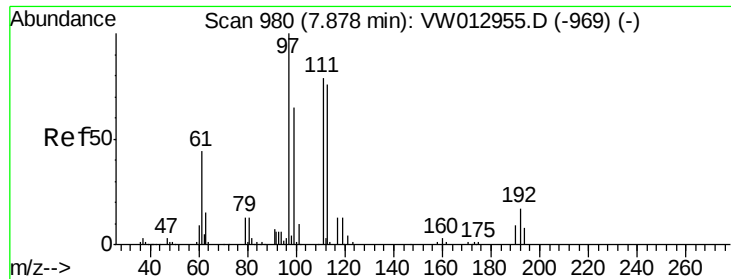
Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

88 17.0 0.0 31.6





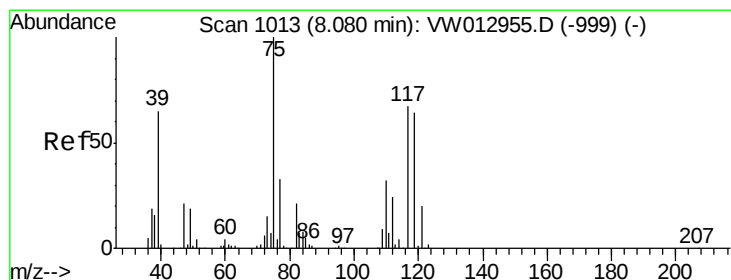
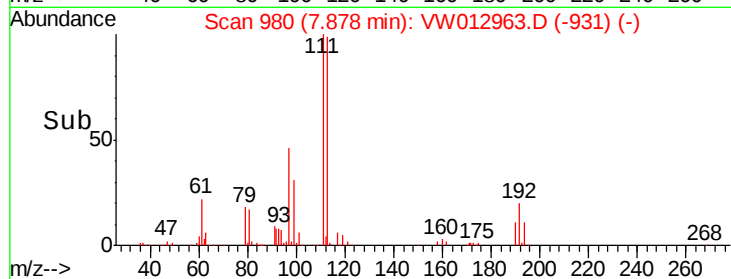
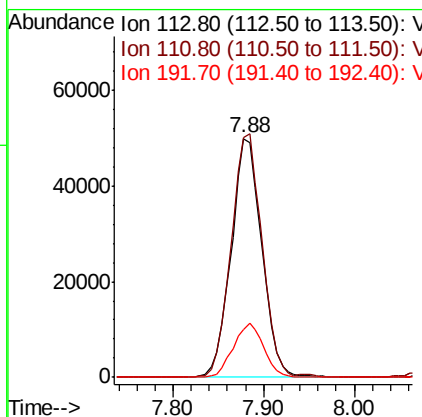
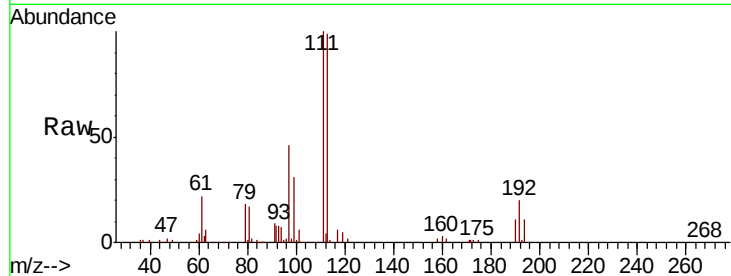
#35  
 Dibromofluoromethane  
 Concen: 52.075 ug/l  
 RT: 7.88 min Scan# 980  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0914SBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 117139 |       |       |
| 111     | 102.8 | 82.8   | 124.2 |       |
| 192     | 22.4  | 17.8   | 26.8  |       |

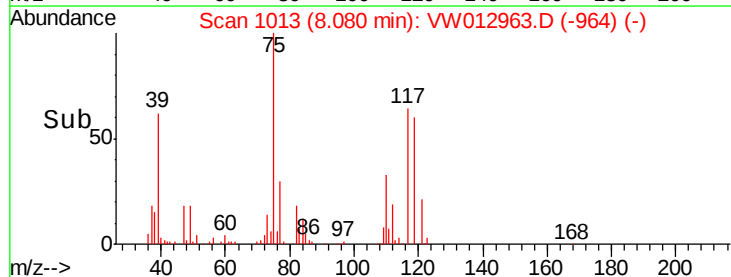
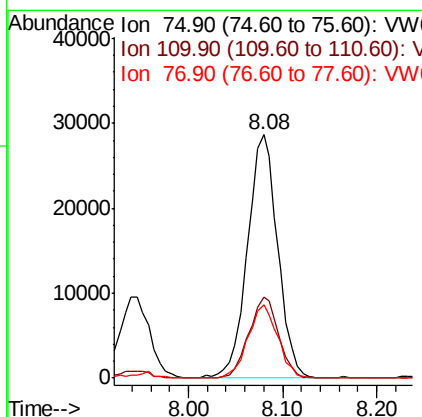
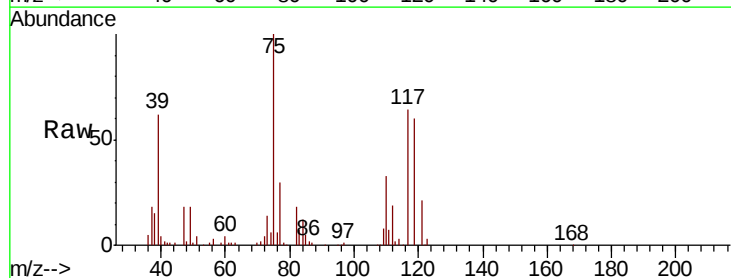
Manual Integrations  
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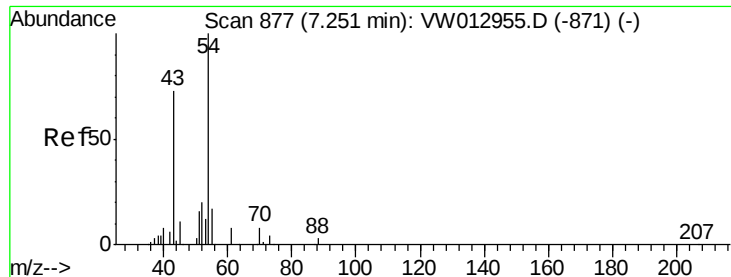
MMDadoda  
 9/16/2019 12:43:51 AM



#36  
 1,1-Dichloropropene  
 Concen: 19.519 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 64659 |       |       |
| 110     | 32.9  | 16.4  | 49.1  |       |
| 77      | 29.8  | 25.1  | 37.7  |       |





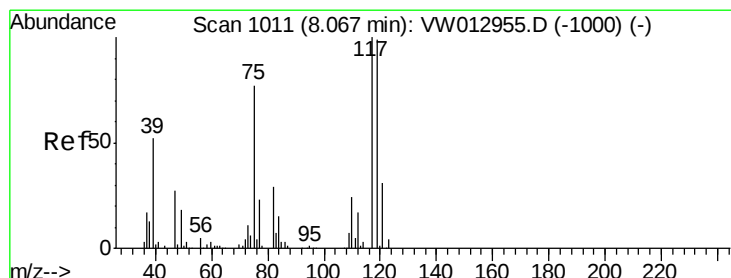
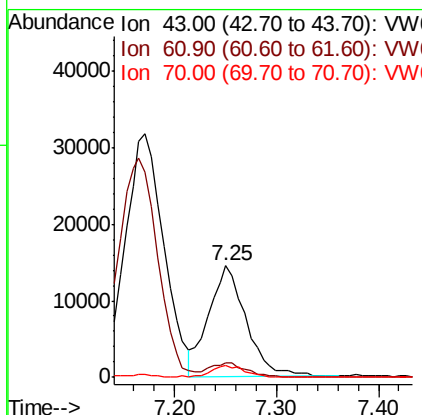
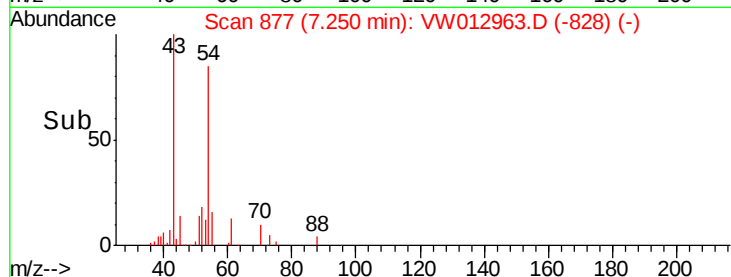
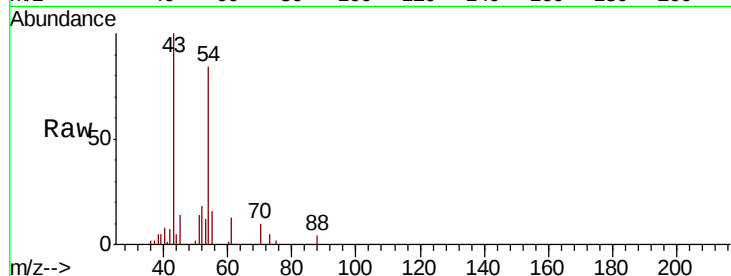
#37  
Ethyl Acetate  
Concen: 21.187 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.0  | 9.6   | 14.4  |
| 70      | 9.6   | 7.6   | 11.4  |

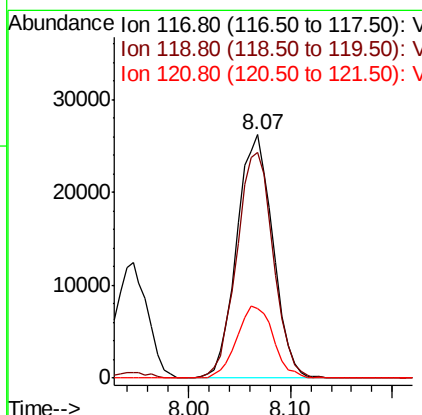
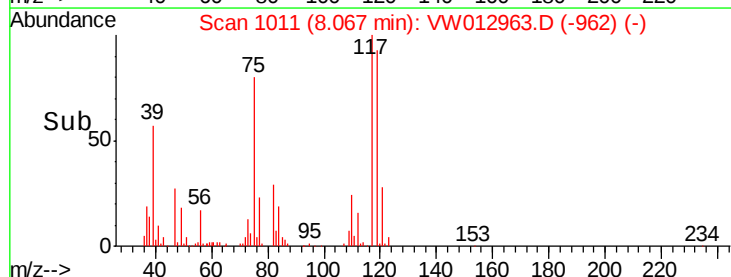
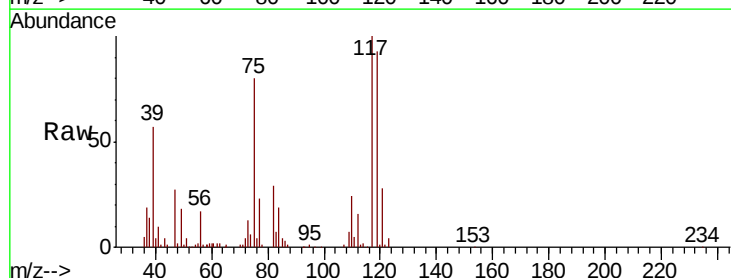
Manual Integrations  
APPROVED

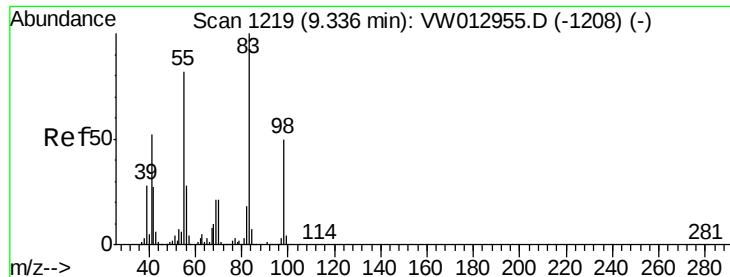
MMDadoda  
9/16/2019 12:43:51 AM



#38  
Carbon Tetrachloride  
Concen: 18.988 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.0  | 79.4  | 119.0 |
| 121     | 28.4  | 24.6  | 36.8  |





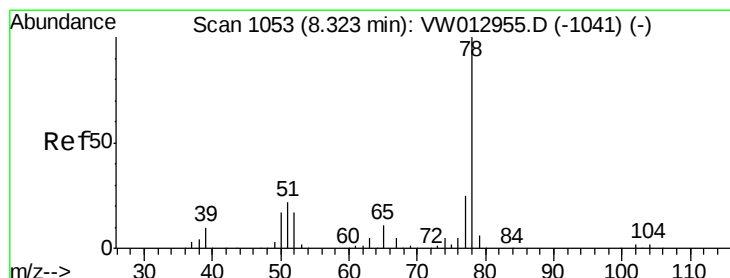
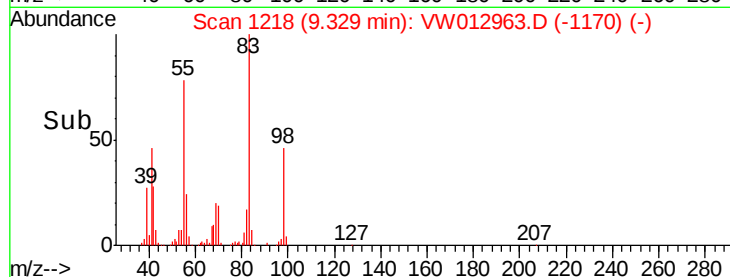
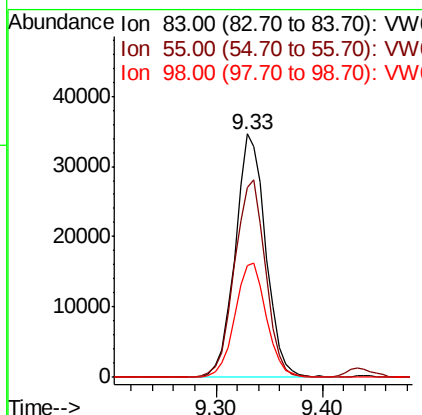
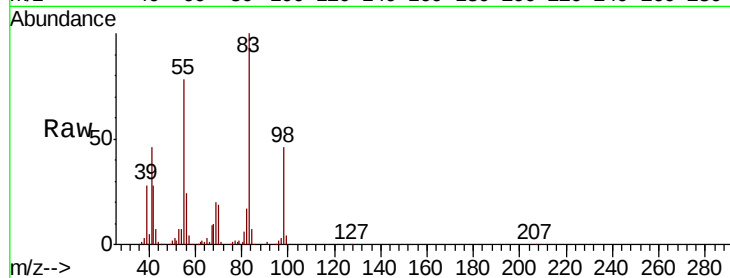
#39  
Methylcyclohexane  
Concen: 19.156 ug/l  
RT: 9.33 min Scan# 1218  
Delta R.T. -0.01 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 78.1  | 65.9  | 98.9  |
| 98      | 46.1  | 39.6  | 59.4  |

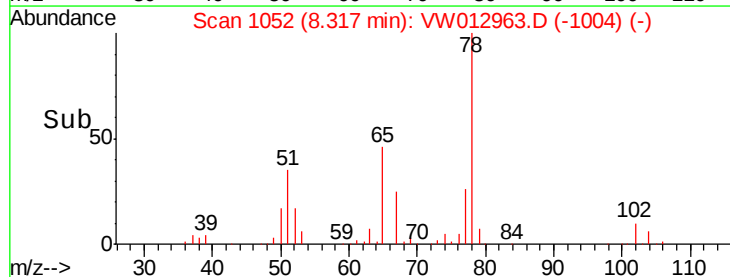
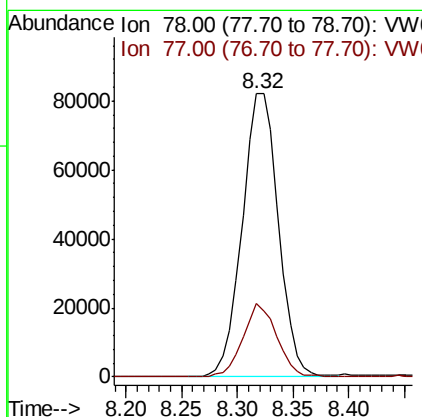
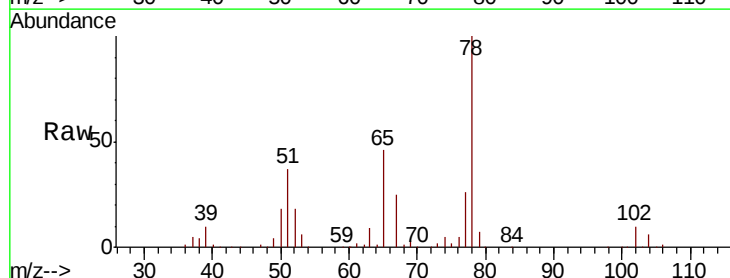
Manual Integrations  
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#40  
Benzene  
Concen: 20.137 ug/l  
RT: 8.32 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.9  | 19.6  | 29.4  |





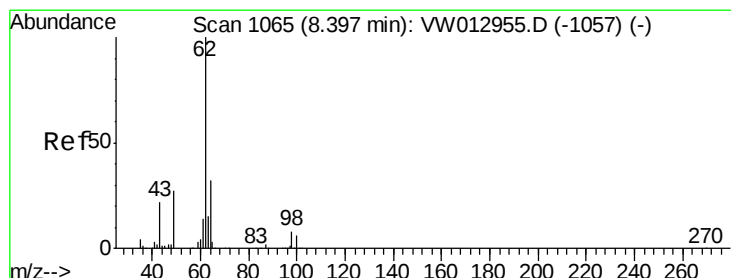
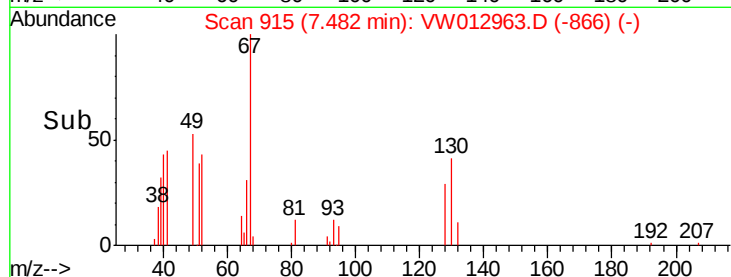
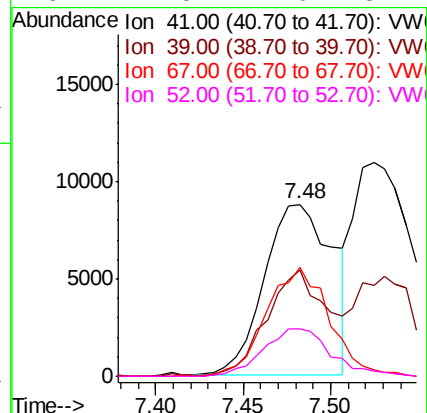
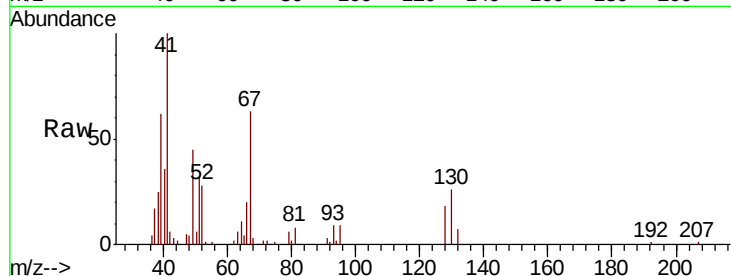
#41  
Methacrylonitrile  
Concen: 20.586 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 55.8  | 48.2  | 72.4  |
| 67      | 59.4  | 47.5  | 71.3  |
| 52      | 27.8  | 21.0  | 31.4  |

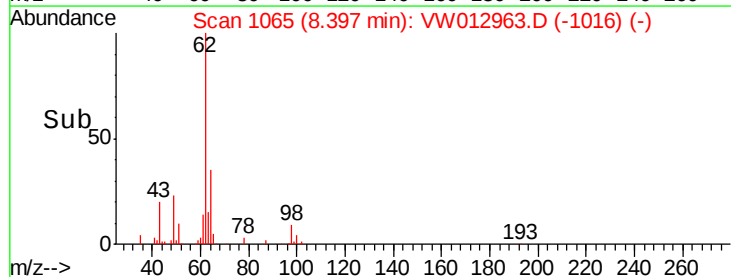
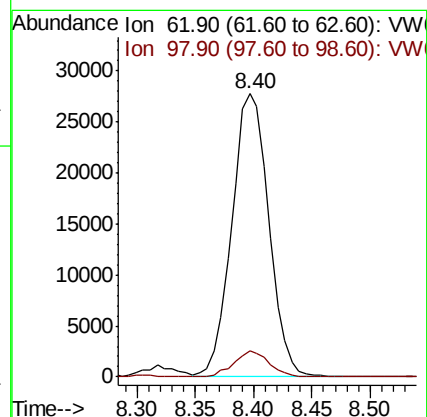
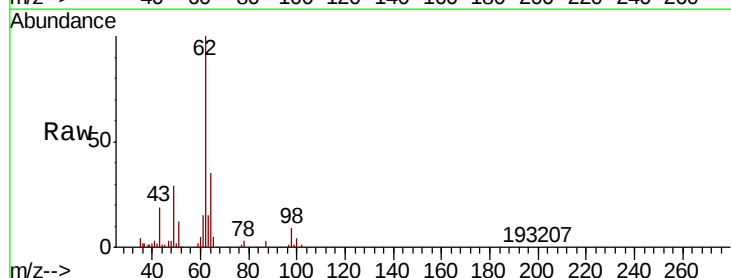
Manual Integrations  
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#42  
1,2-Dichloroethane  
Concen: 19.843 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.7   | 0.0   | 16.8  |





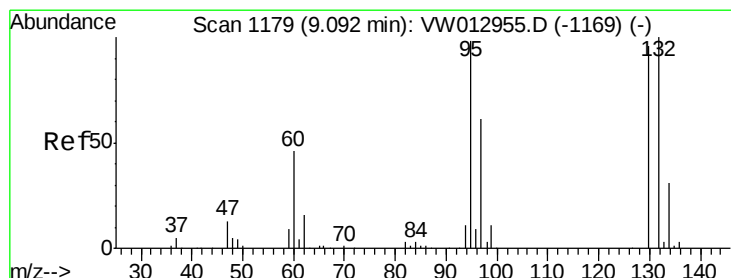
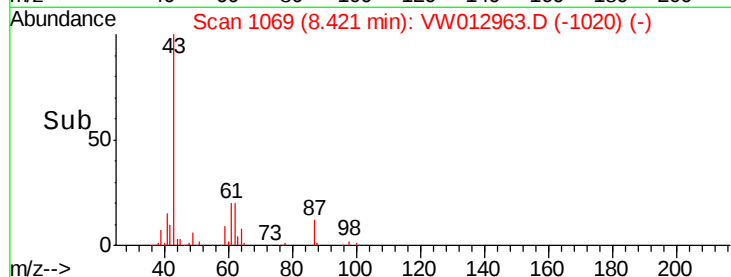
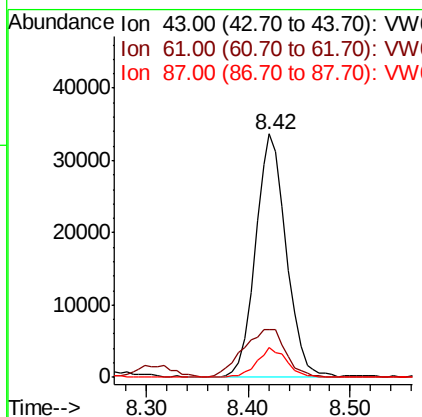
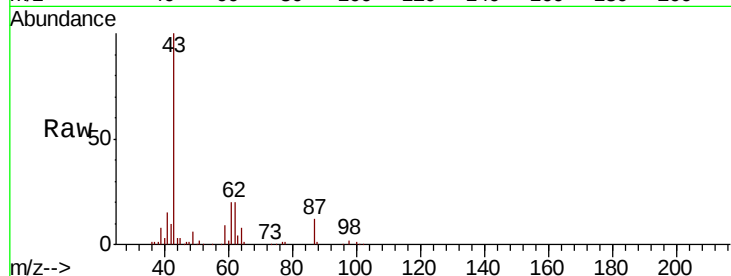
#43  
Isopropyl Acetate  
Concen: 20.845 ug/l  
RT: 8.42 min Scan# 1069  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 27.7  | 22.7  | 34.1  |
| 87      | 11.7  | 9.4   | 14.2  |

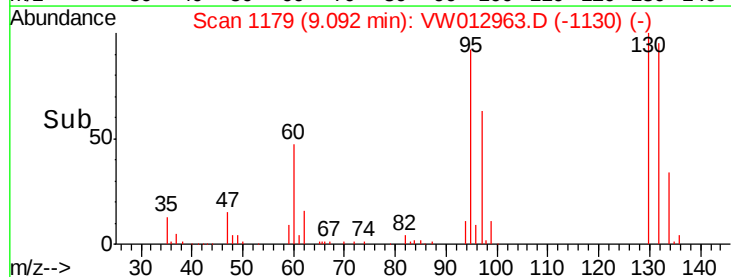
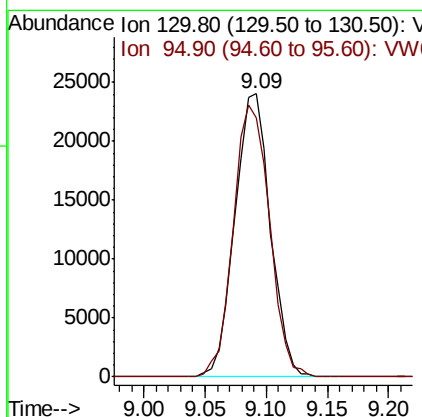
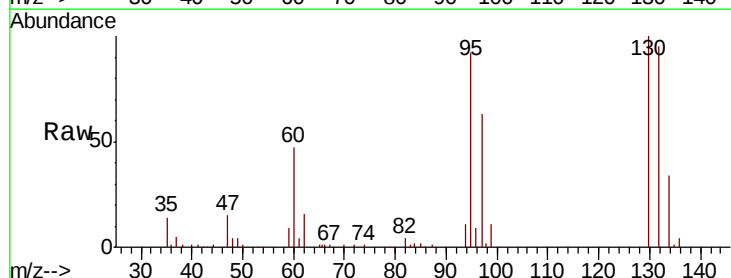
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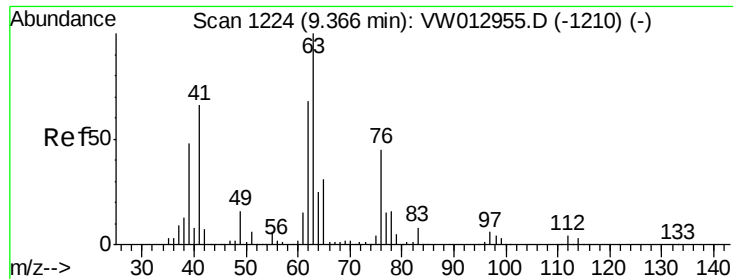
MMDadoda  
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#44  
Trichloroethene  
Concen: 19.084 ug/l  
RT: 9.09 min Scan# 1179  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 91.5  | 0.0   | 204.4 |





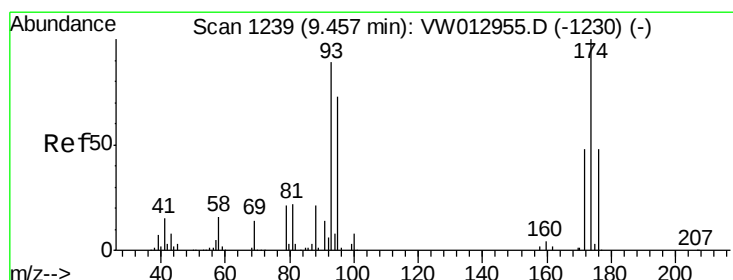
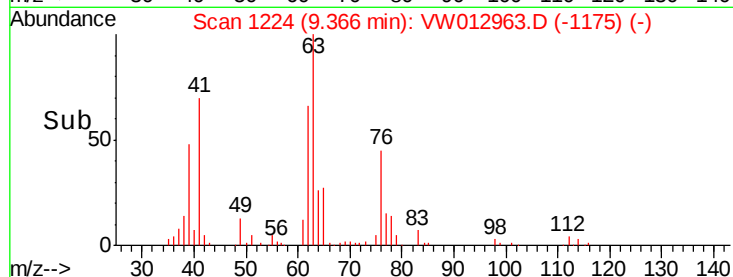
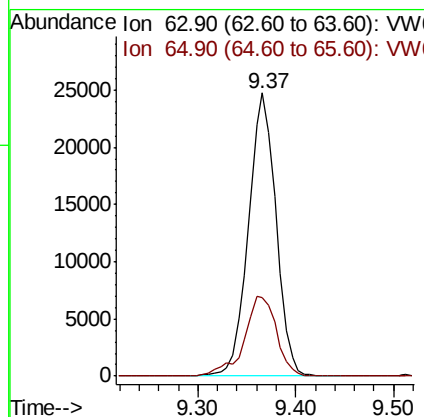
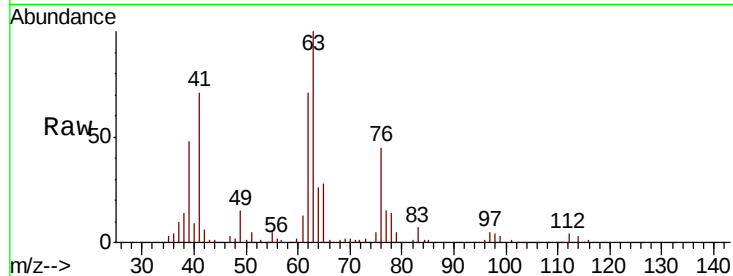
#45  
 1,2-Dichloropropane  
 Concen: 19.663 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0914SBS01

Tgt Ion: 63 Resp: 48311  
 Ion Ratio Lower Upper  
 63 100  
 65 27.9 24.6 37.0

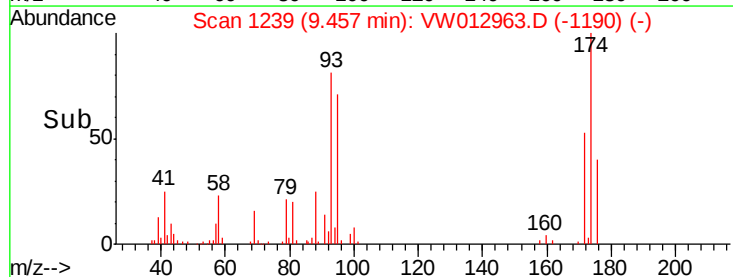
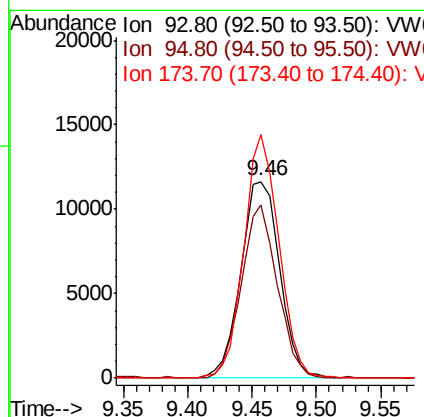
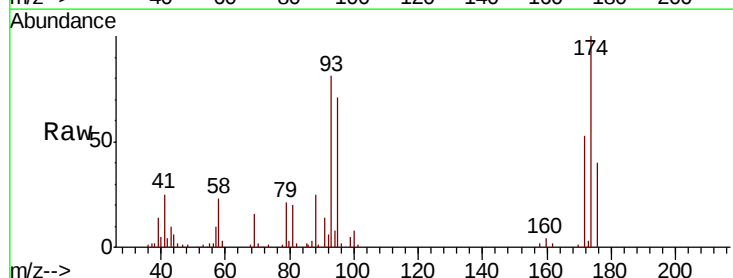
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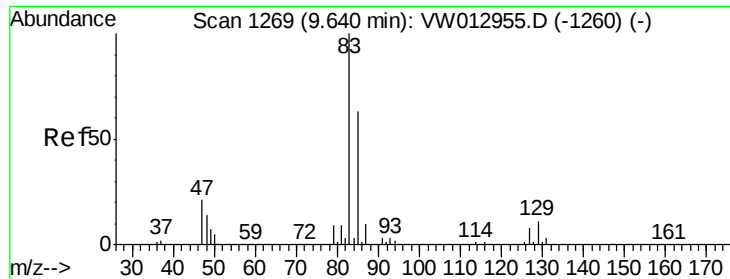
MMDadoda  
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#46  
 Dibromomethane  
 Concen: 20.658 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

Tgt Ion: 93 Resp: 24318  
 Ion Ratio Lower Upper  
 93 100  
 95 81.8 67.0 100.4  
 174 111.4 90.5 135.7





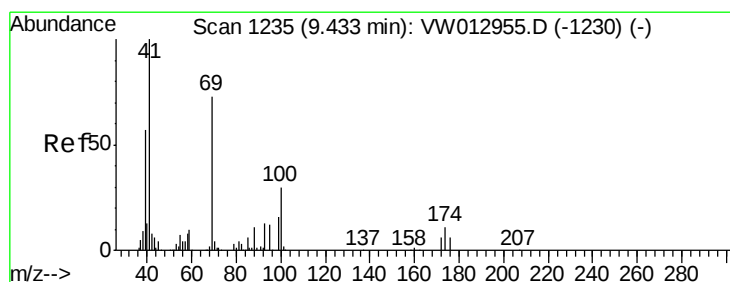
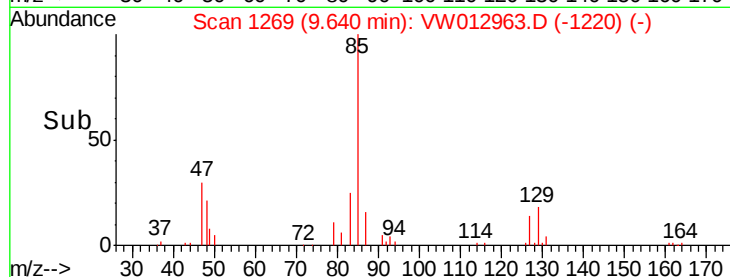
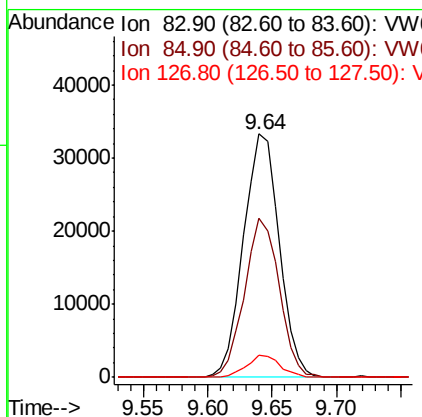
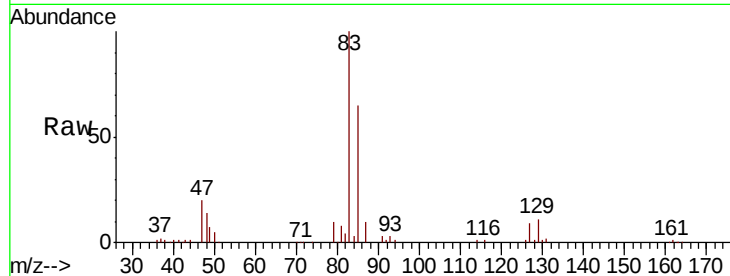
#47  
Bromodichloromethane  
Concen: 19.377 ug/l  
RT: 9.64 min Scan# 1269  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.3  | 50.6  | 75.8  |
| 127     | 9.3   | 6.7   | 10.1  |

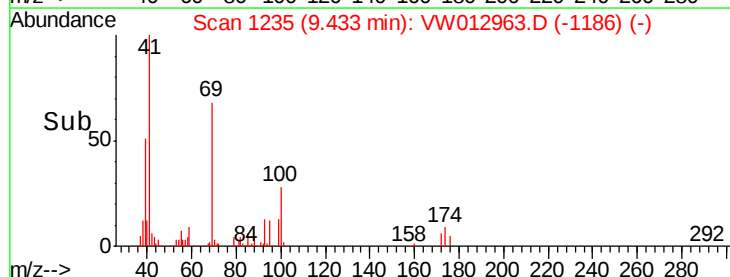
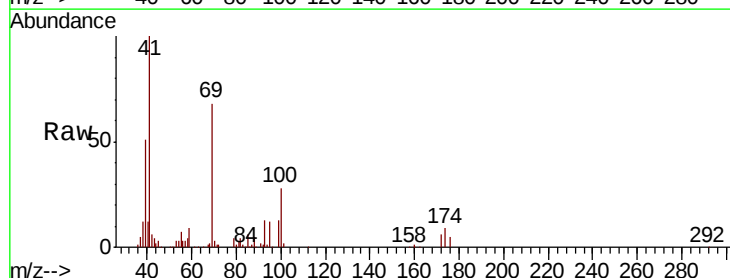
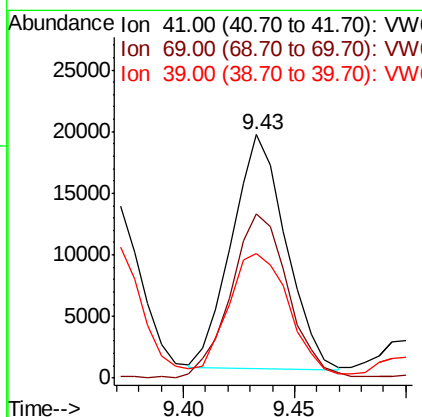
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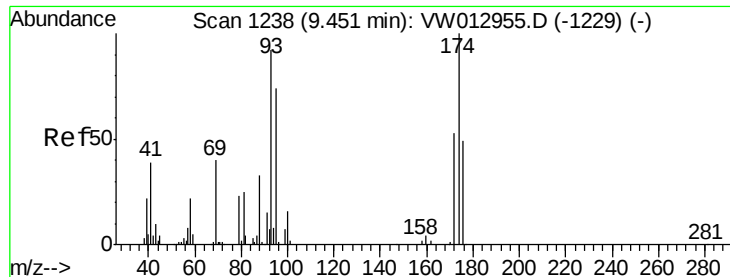
MMDadoda  
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#48  
Methyl methacrylate  
Concen: 20.322 ug/l  
RT: 9.43 min Scan# 1235  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 74.6  | 62.8  | 94.2  |
| 39      | 60.0  | 48.5  | 72.7  |





#49

1,4-Dioxane

Concen: 436.360 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

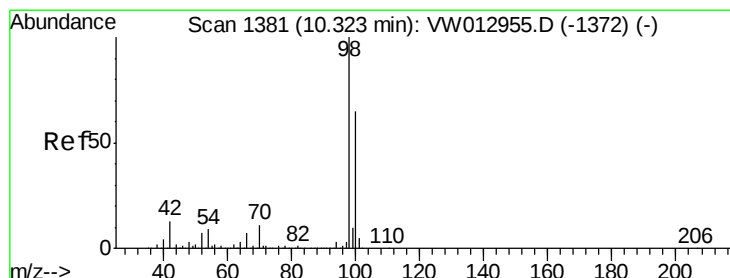
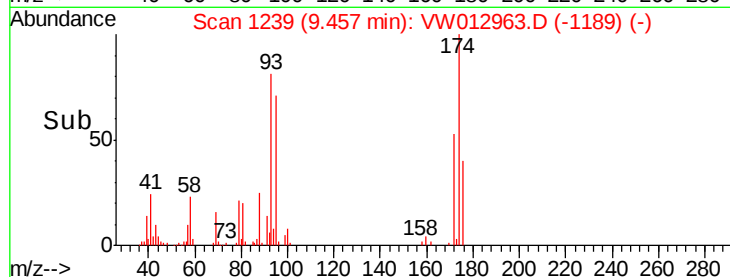
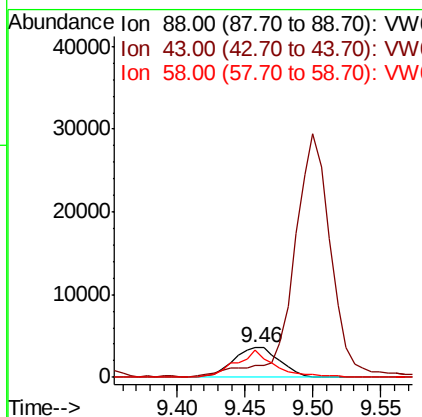
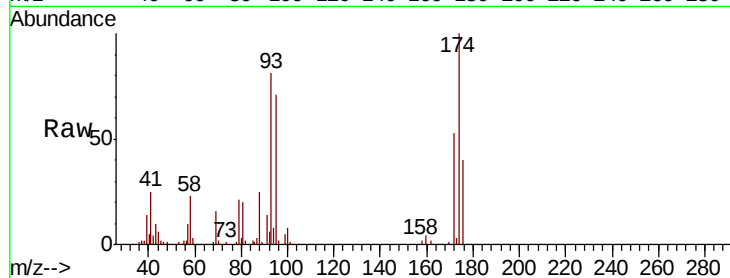
ClientSampleId :

VW0914SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 8607  |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 0.0   | 31.3  | 46.9# |
| 58        | 78.2  | 60.2  | 90.2  |

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#50

Toluene-d8

Concen: 54.097 ug/l

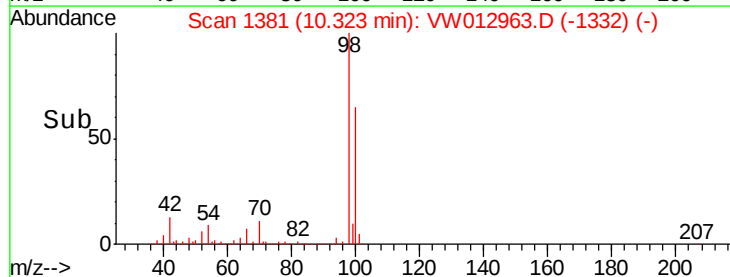
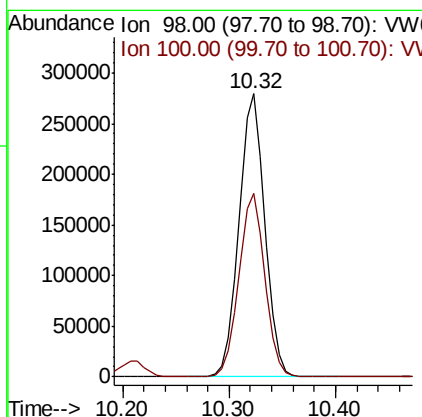
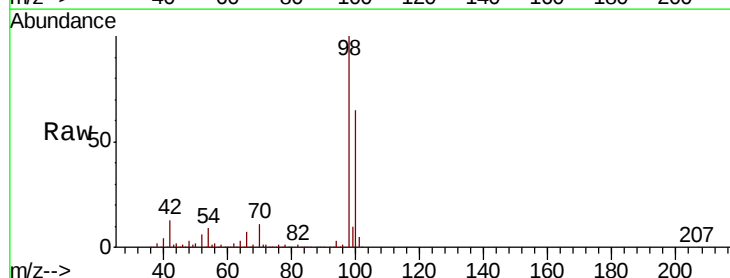
RT: 10.32 min Scan# 1381

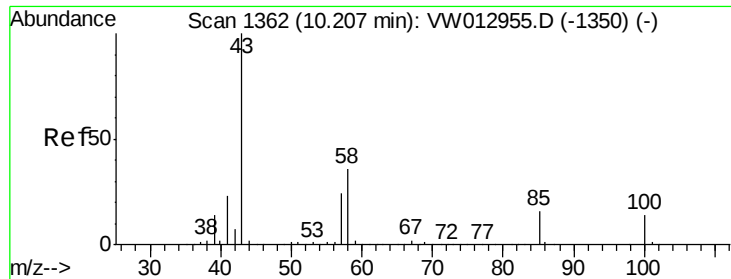
Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 476177 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 65.4  | 52.1  | 78.1   |





#51

4-Methyl-2-Pentanone

Concen: 105.225 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0914SBSD01

Tgt Ion: 43 Resp: 183403

Ion Ratio Lower Upper

43 100

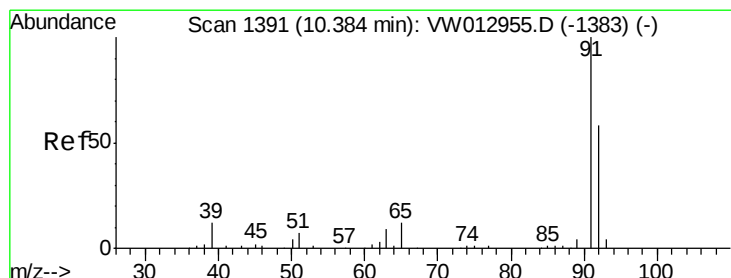
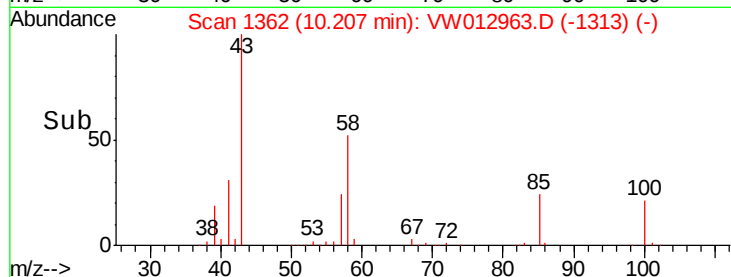
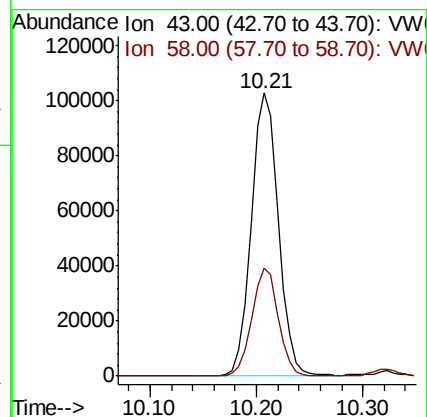
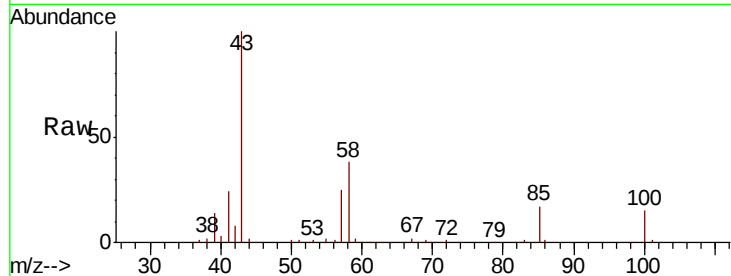
58 37.4 29.5 44.3

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#52

Toluene

Concen: 19.877 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012963.D

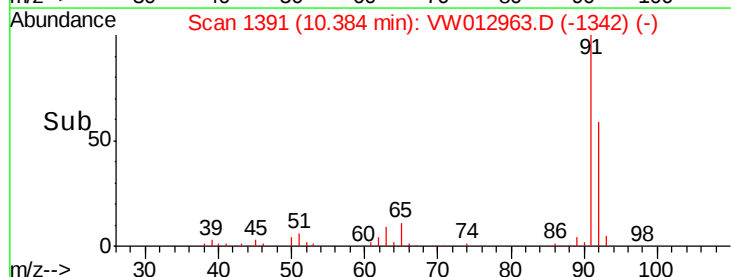
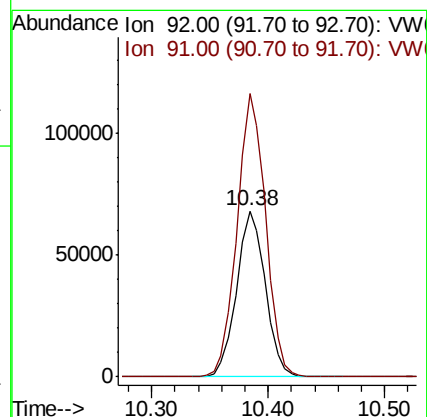
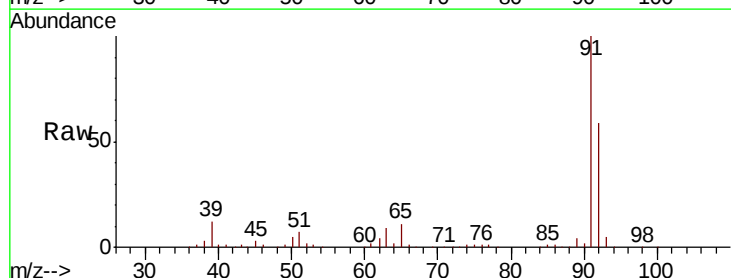
Acq: 13 Sep 2019 20:06

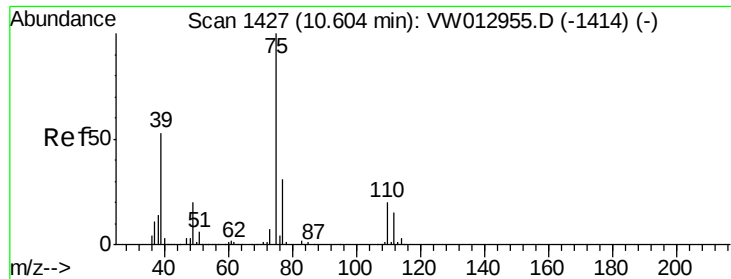
Tgt Ion: 92 Resp: 116807

Ion Ratio Lower Upper

92 100

91 170.1 137.5 206.3





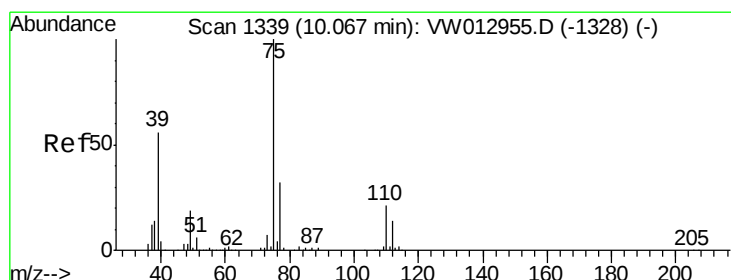
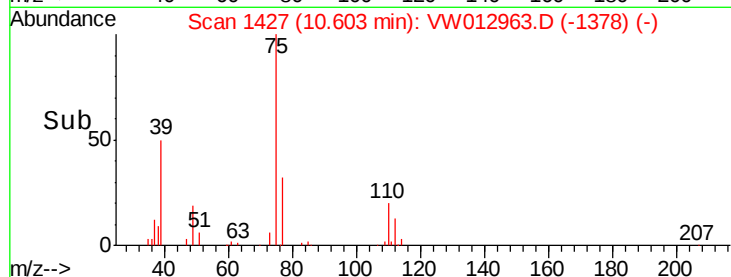
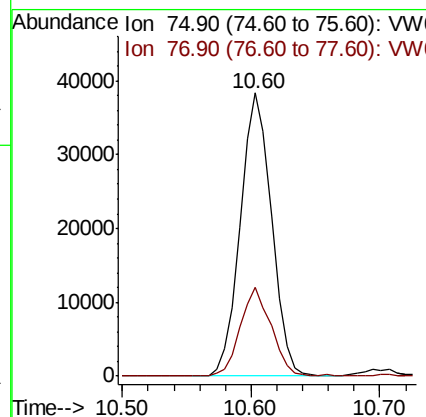
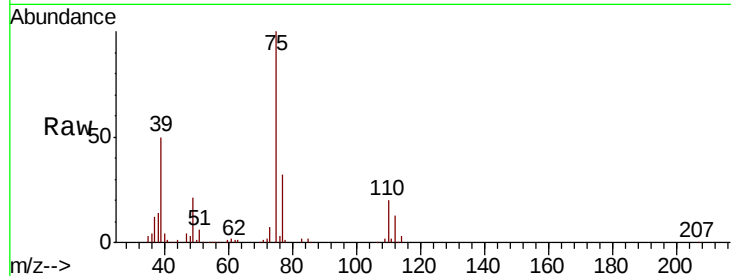
#53  
 t-1,3-Dichloropropene  
 Concen: 19.394 ug/l  
 RT: 10.60 min Scan# 1427  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0914SBSD01

Tgt Ion: 75 Resp: 64403  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 24.6 37.0

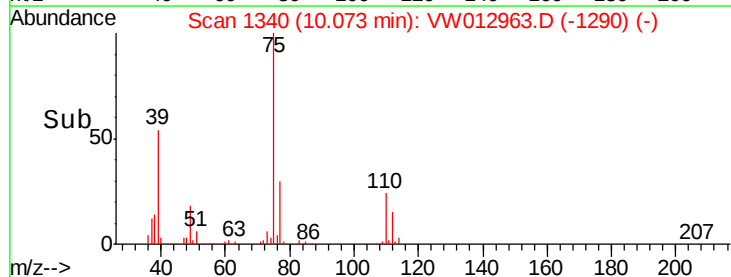
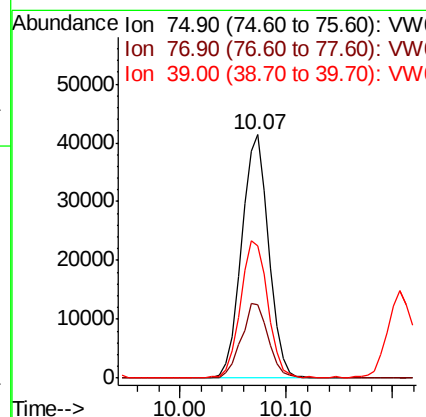
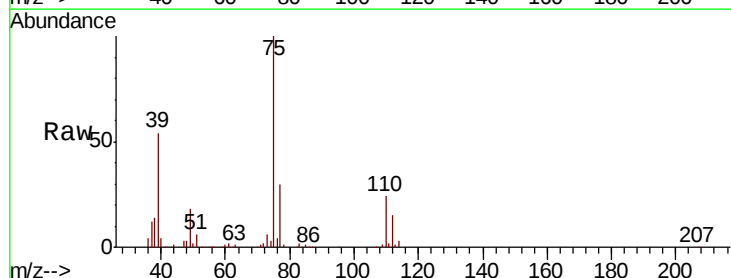
Manual Integrations  
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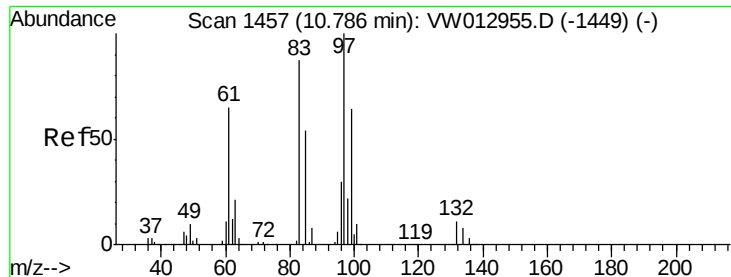
MMDadoda  
 9/16/2019 12:43:51 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.428 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. 0.01 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

Tgt Ion: 75 Resp: 73820  
 Ion Ratio Lower Upper  
 75 100  
 77 29.9 25.5 38.3  
 39 53.9 45.0 67.6





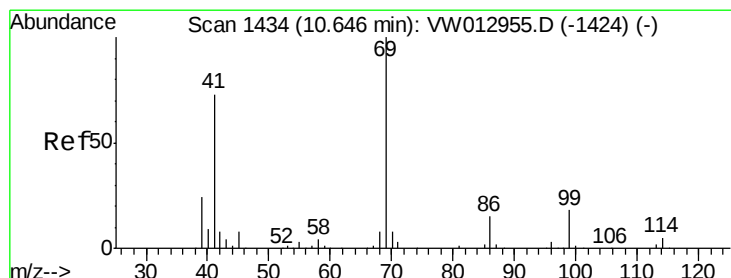
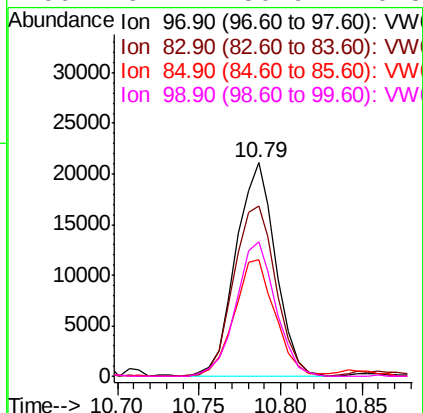
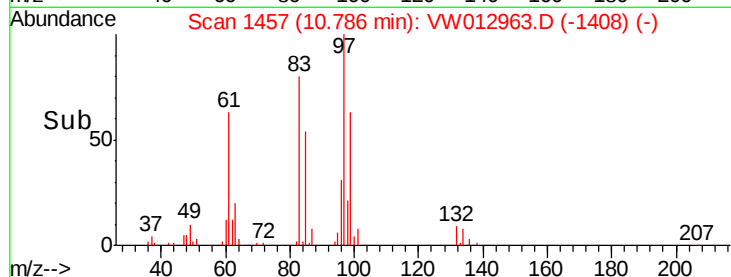
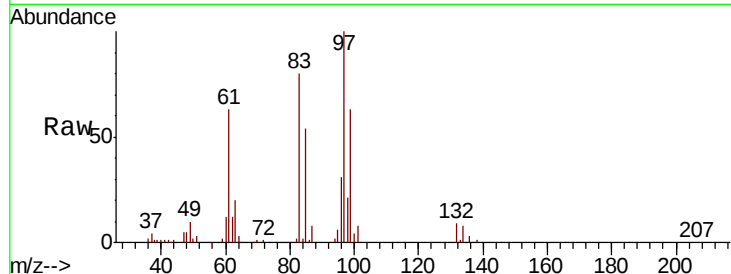
#55  
 1,1,2-Trichloroethane  
 Concen: 19.935 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0914SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 79.2  | 69.4  | 104.0 |
| 85      | 54.3  | 43.3  | 64.9  |
| 99      | 62.7  | 50.9  | 76.3  |

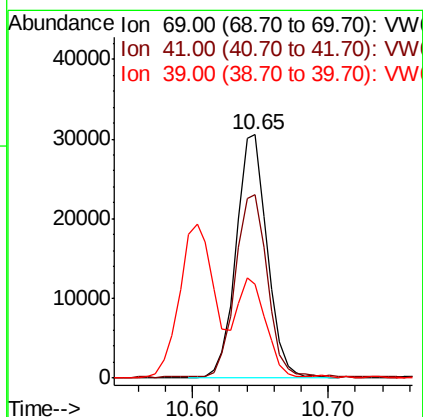
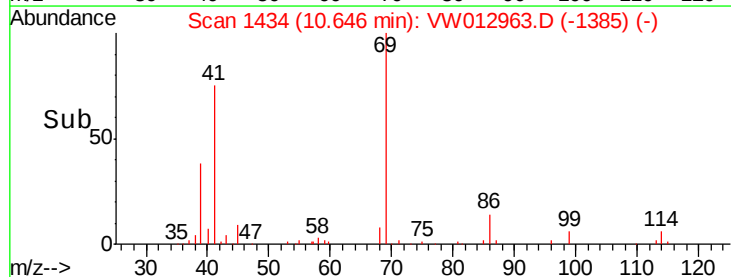
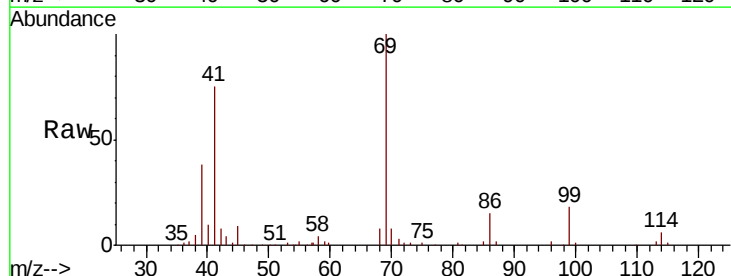
Manual Integrations  
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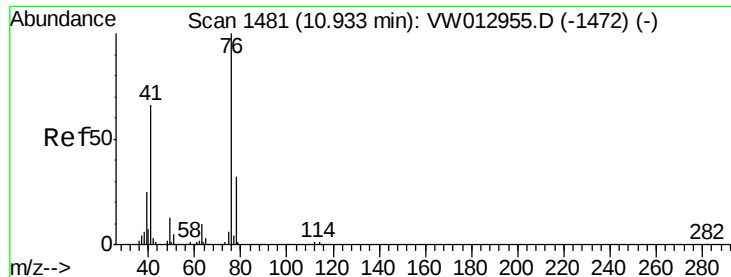
MMDadoda  
 9/16/2019 12:43:51 AM



#56  
 Ethyl methacrylate  
 Concen: 20.193 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 77.4  | 60.8  | 91.2  |
| 39      | 35.6  | 29.4  | 44.0  |





#57

1,3-Dichloropropane

Concen: 20.492 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0914SBSD01

Tgt Ion: 76 Resp: 65187

Ion Ratio Lower Upper

76 100

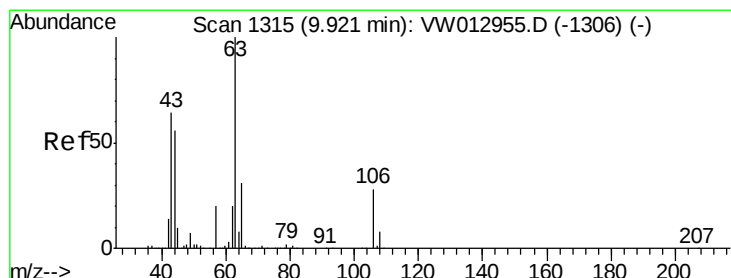
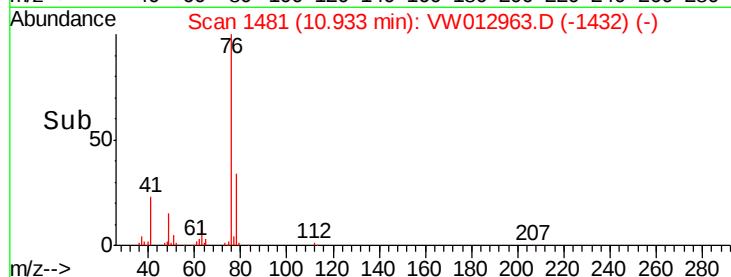
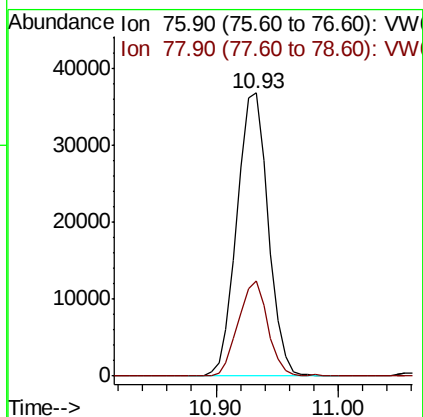
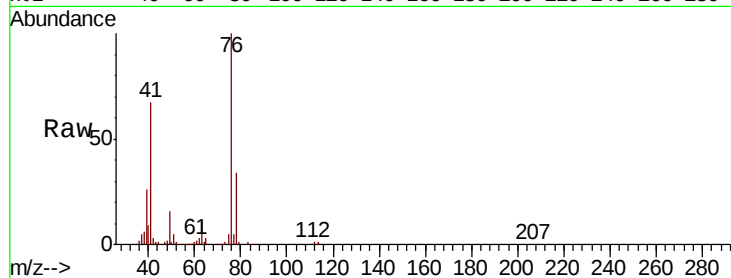
78 32.1 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 102.554 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012963.D

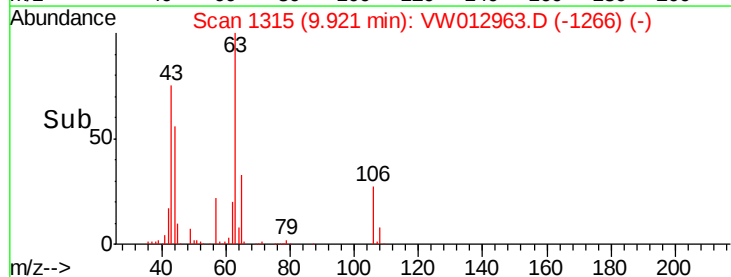
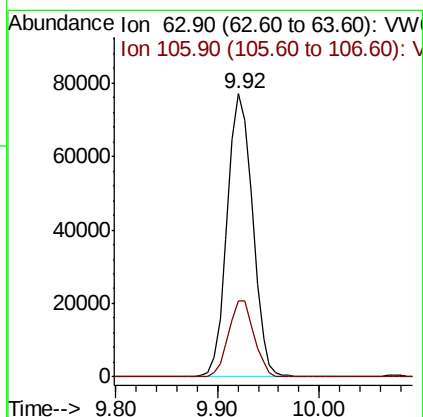
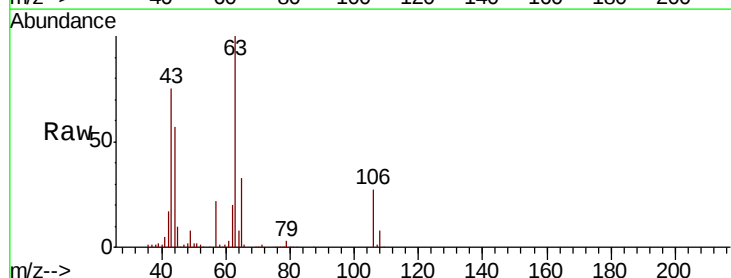
Acq: 13 Sep 2019 20:06

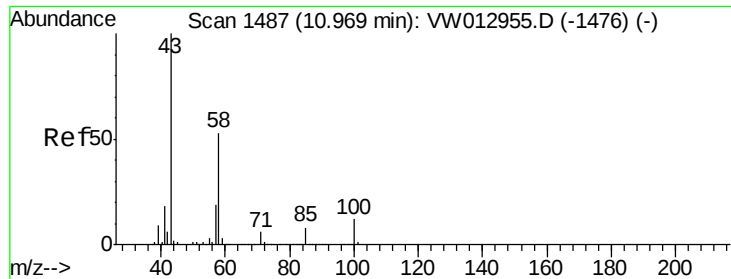
Tgt Ion: 63 Resp: 132789

Ion Ratio Lower Upper

63 100

106 27.2 22.2 33.2





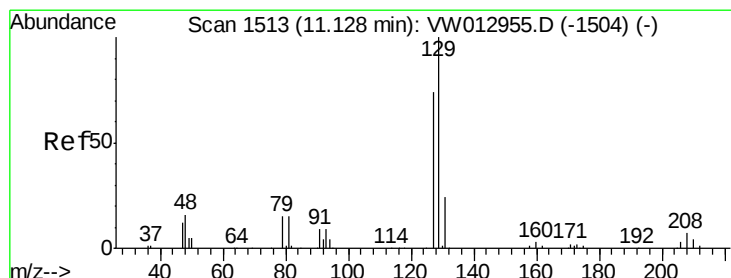
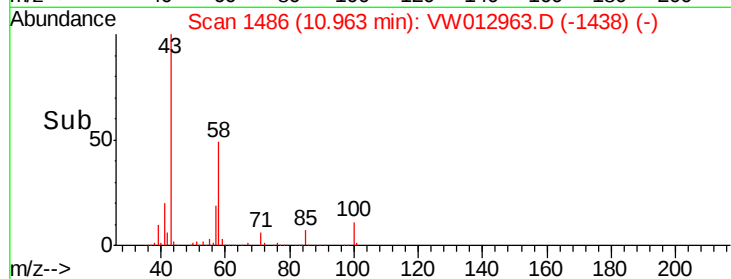
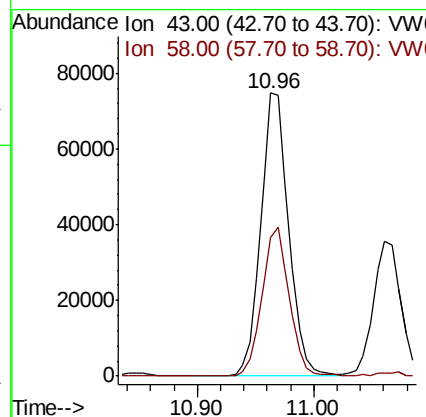
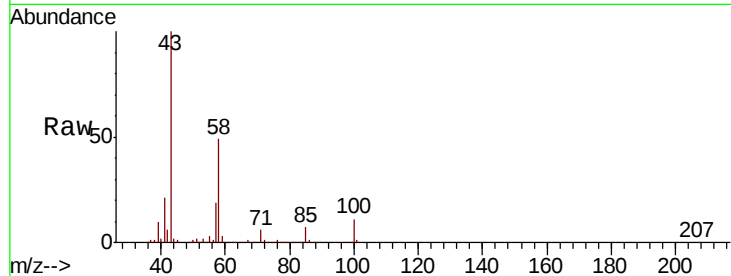
#59  
2-Hexanone  
Concen: 102.491 ug/l  
RT: 10.96 min Scan# 1486  
Delta R.T. -0.01 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

Tgt Ion: 43 Resp: 124387  
Ion Ratio Lower Upper  
43 100  
58 51.4 25.8 77.3

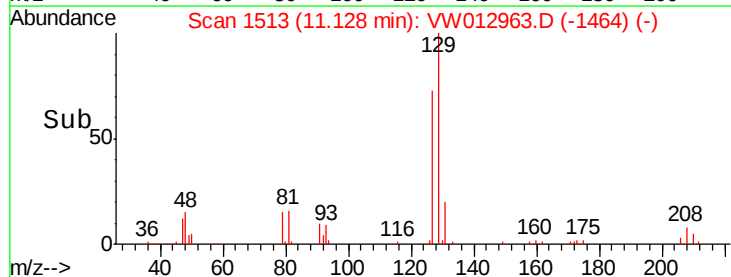
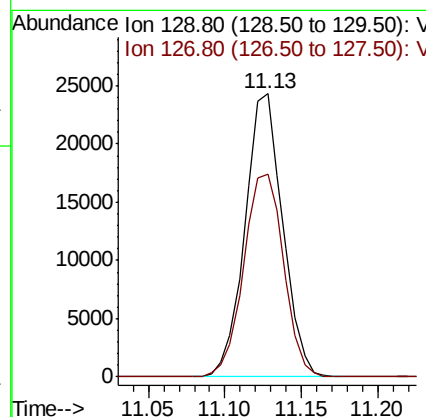
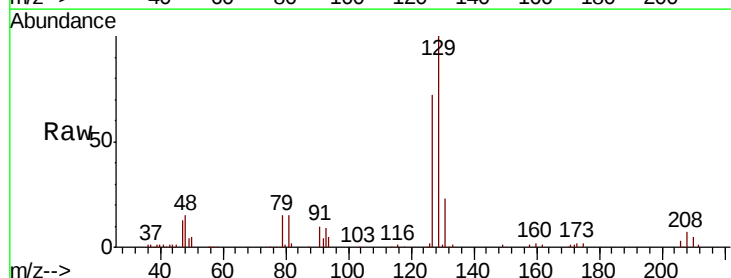
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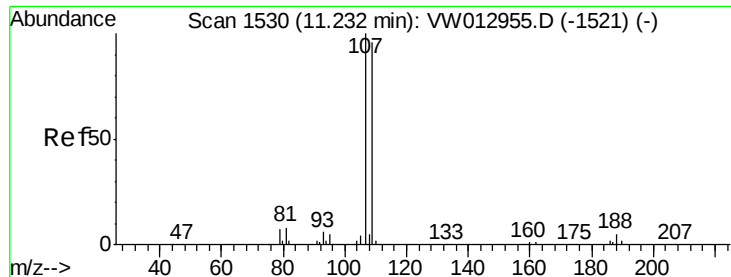
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 19.173 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Tgt Ion: 129 Resp: 41568  
Ion Ratio Lower Upper  
129 100  
127 76.1 37.4 112.2





#61

1,2-Dibromoethane

Concen: 19.692 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0914SBSD01

Tgt Ion: 107 Resp: 32213

Ion Ratio Lower Upper

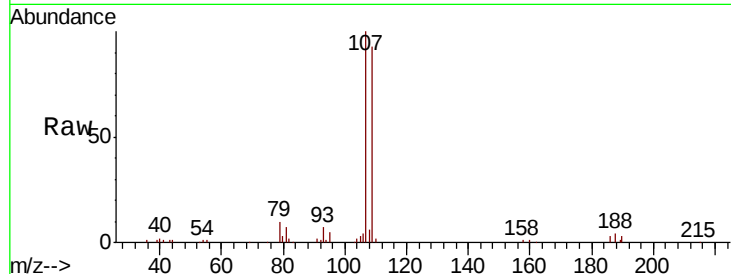
107 100

109 97.0 75.0 112.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

20000

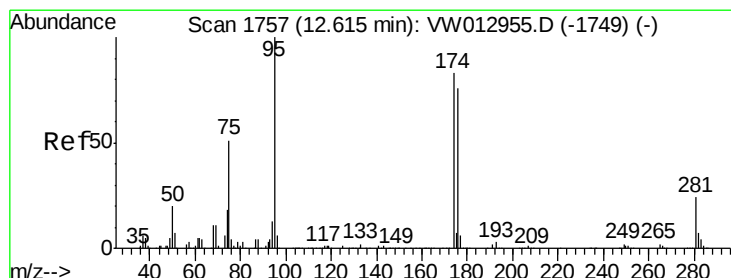
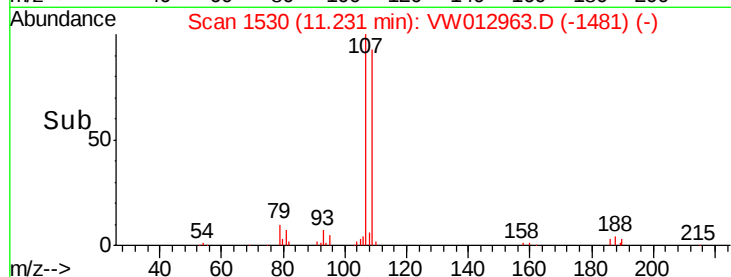
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.982 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

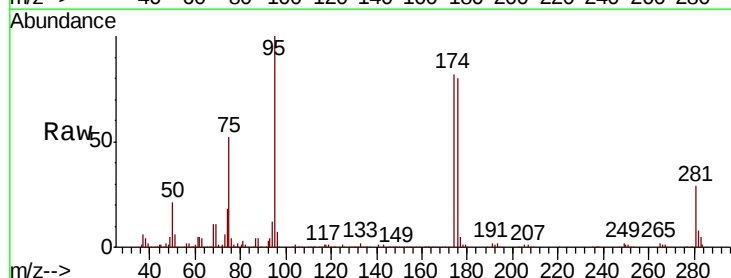
Tgt Ion: 95 Resp: 167693

Ion Ratio Lower Upper

95 100

174 85.0 0.0 170.4

176 82.0 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

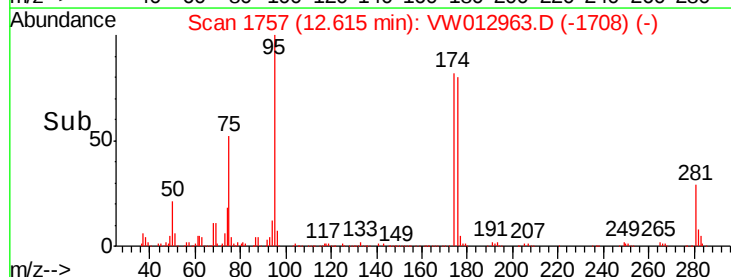
12.62

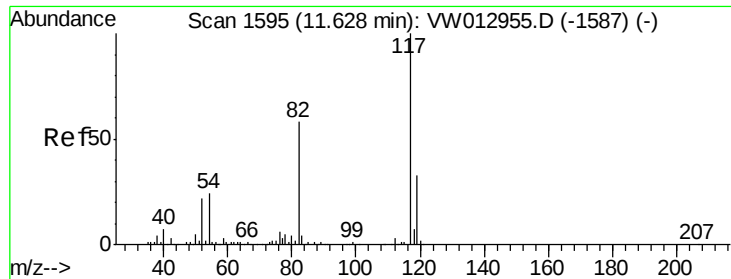
100000

50000

0

Time-->





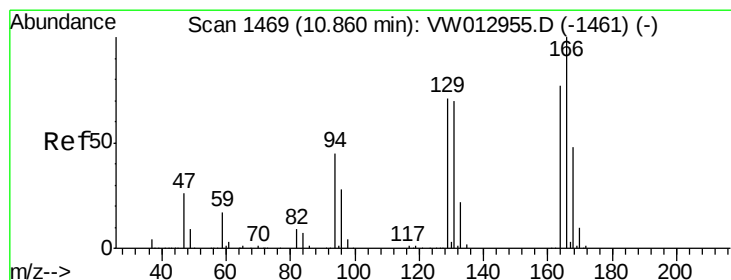
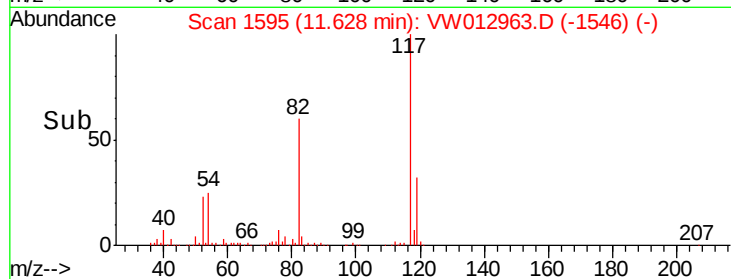
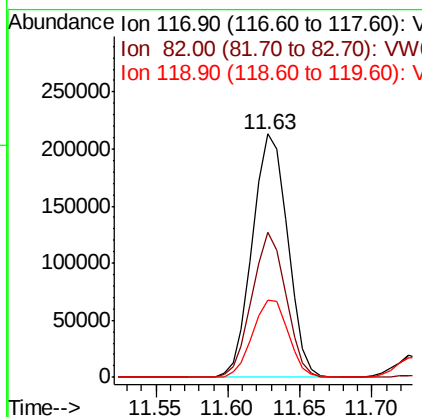
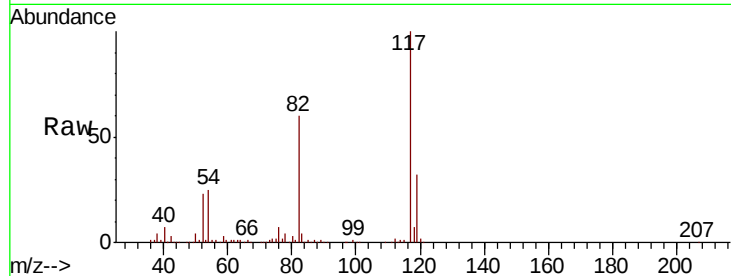
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1595  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 361911 |       |       |
| 82      | 59.6  | 46.3   | 69.5  |       |
| 119     | 31.9  | 26.2   | 39.4  |       |

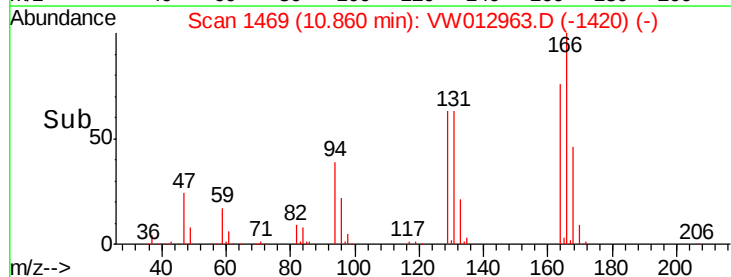
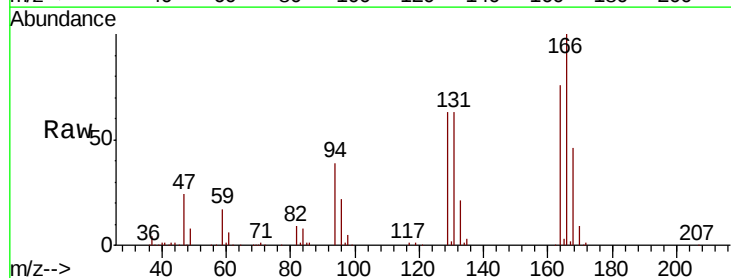
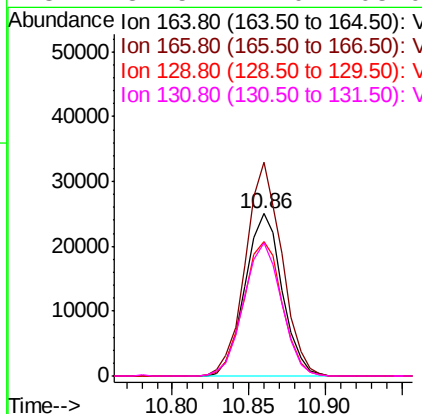
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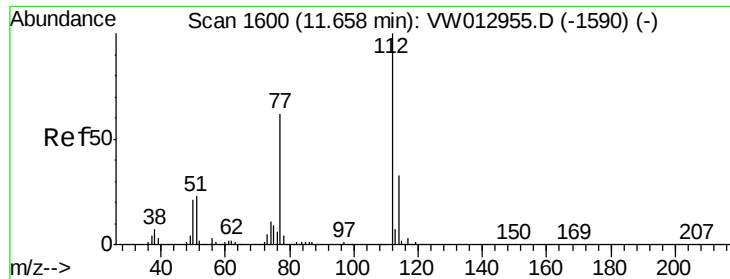
MMDadoda  
9/16/2019 12:43:51 AM



#64  
Tetrachloroethene  
Concen: 19.601 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 42201 |       |       |
| 166     | 131.8 | 103.3 | 154.9 |       |
| 129     | 82.6  | 73.8  | 110.8 |       |
| 131     | 82.5  | 72.0  | 108.0 |       |





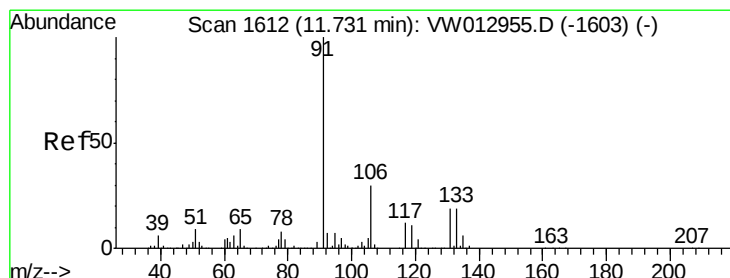
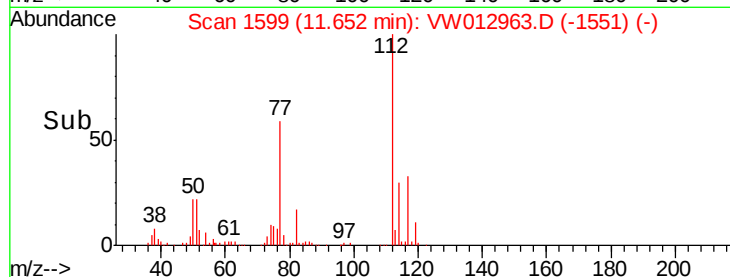
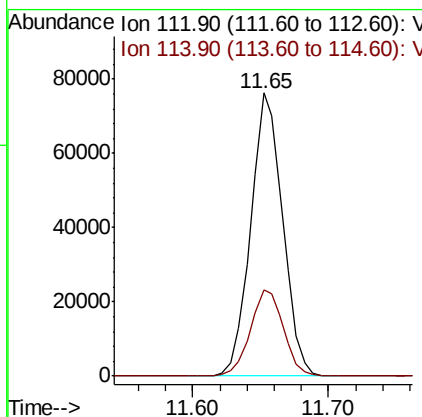
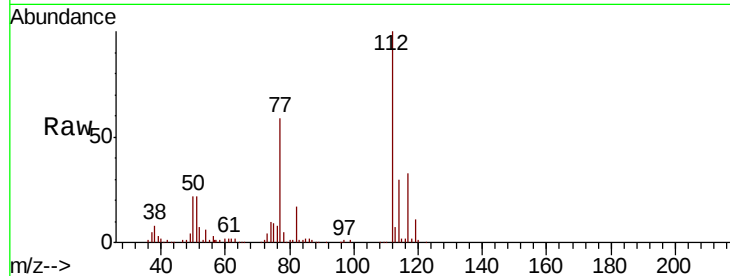
#65  
Chlorobenzene  
Concen: 19.459 ug/l  
RT: 11.65 min Scan# 1599  
Delta R.T. -0.01 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

Tgt Ion:112 Resp: 125442  
Ion Ratio Lower Upper  
112 100  
114 30.3 26.4 39.6

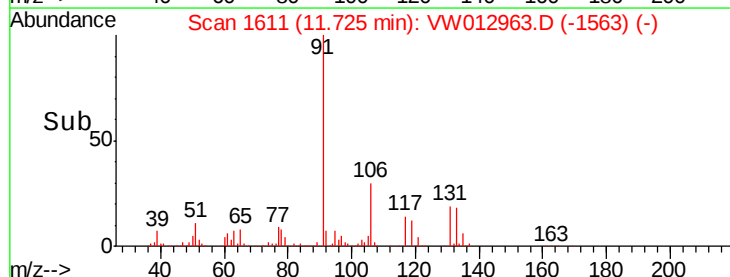
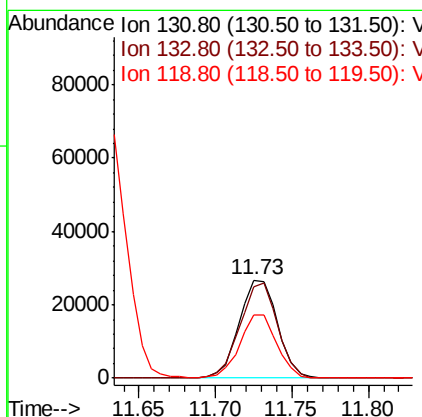
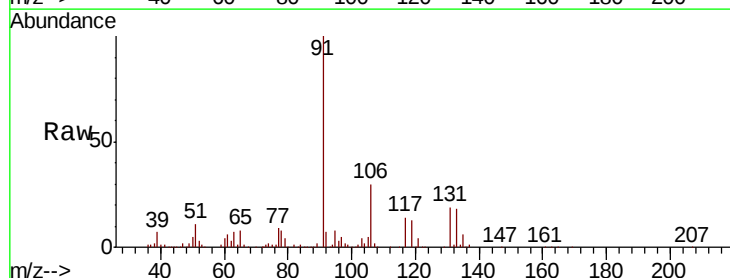
Manual Integrations  
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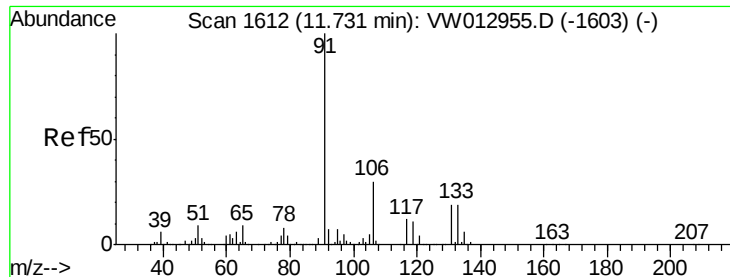
MMDadoda  
9/16/2019 12:43:51 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.848 ug/l  
RT: 11.73 min Scan# 1611  
Delta R.T. -0.01 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Tgt Ion:131 Resp: 46563  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.9 143.8  
119 62.8 30.9 92.7





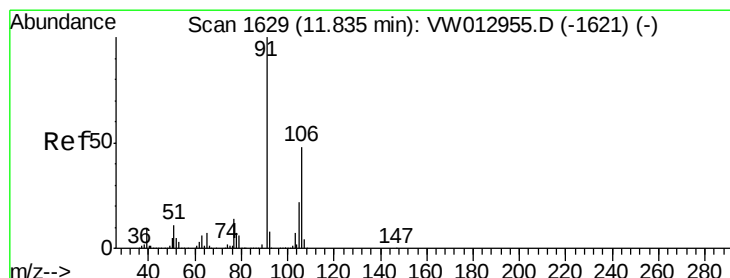
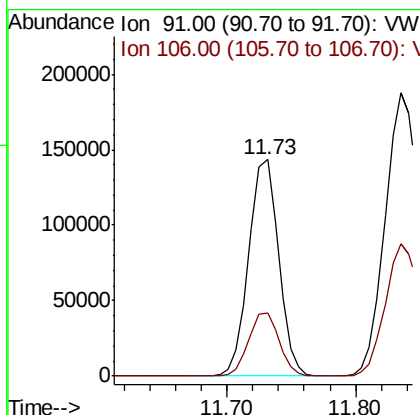
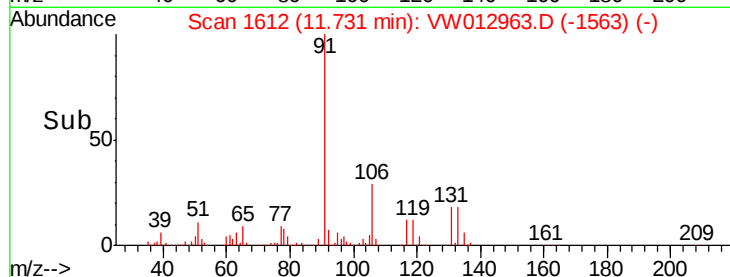
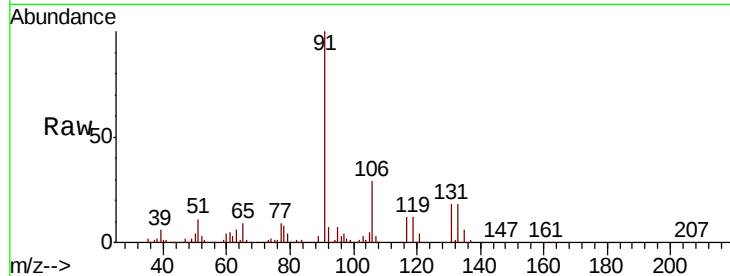
#67  
Ethyl Benzene  
Concen: 19.339 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

Tgt Ion: 91 Resp: 230253  
Ion Ratio Lower Upper  
91 100  
106 29.3 24.3 36.5

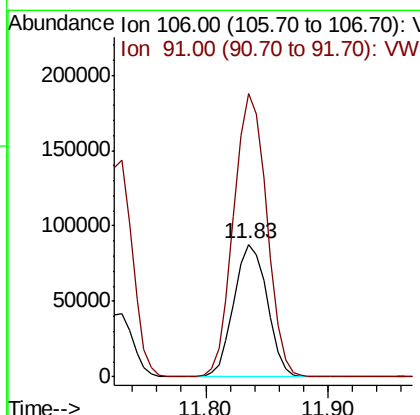
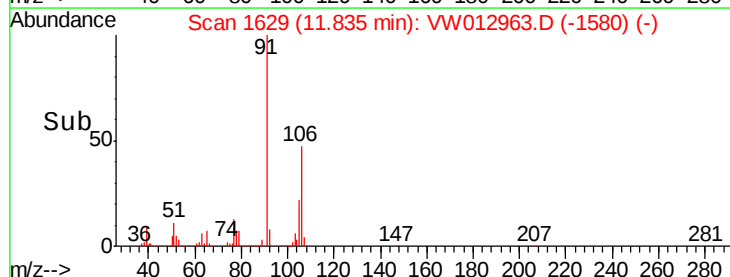
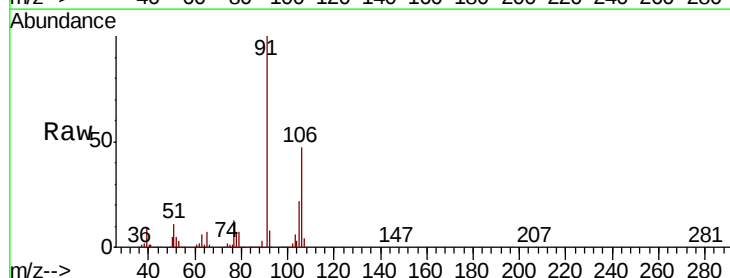
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#68  
m/p-Xylenes  
Concen: 38.293 ug/l  
RT: 11.83 min Scan# 1629  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Tgt Ion: 106 Resp: 166551  
Ion Ratio Lower Upper  
106 100  
91 211.5 165.8 248.8





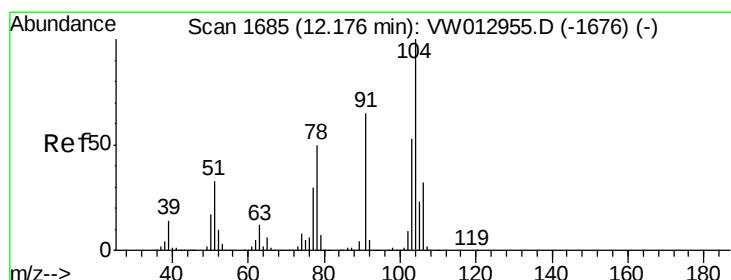
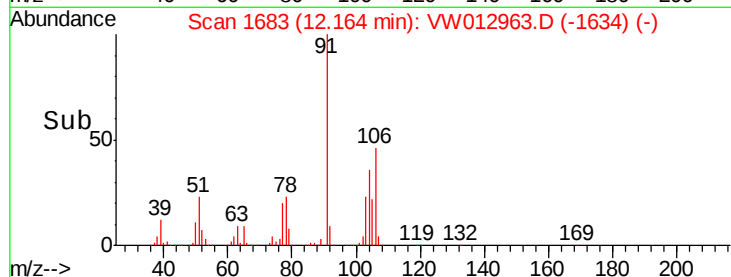
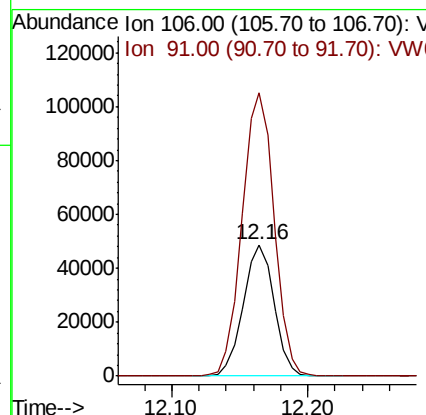
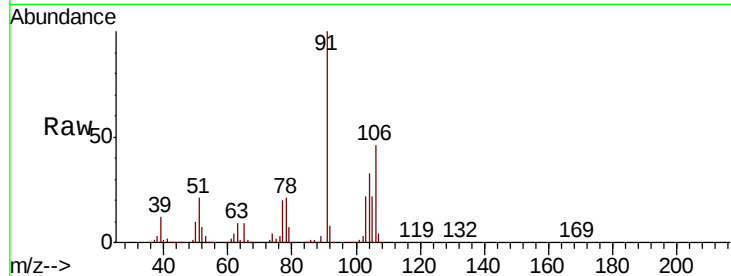
#69  
o-Xylene  
Concen: 18.999 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

Tgt Ion:106 Resp: 77471  
Ion Ratio Lower Upper  
106 100  
91 223.3 109.7 329.0

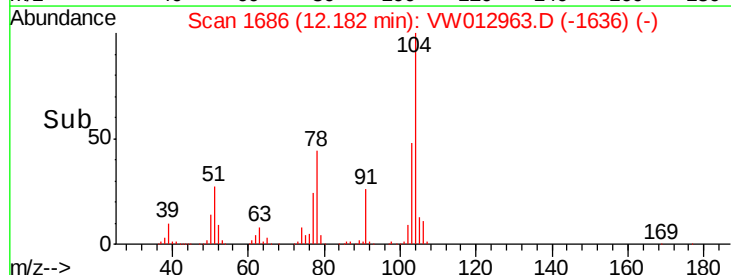
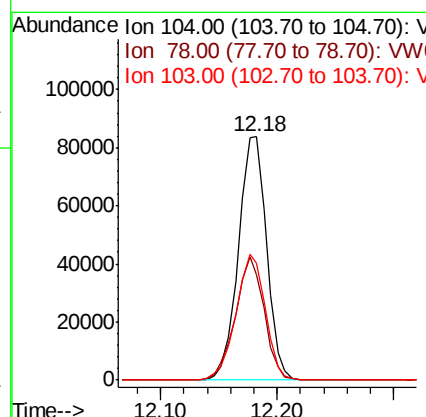
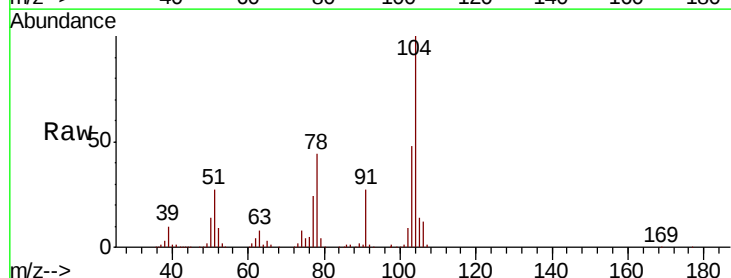
Manual Integrations  
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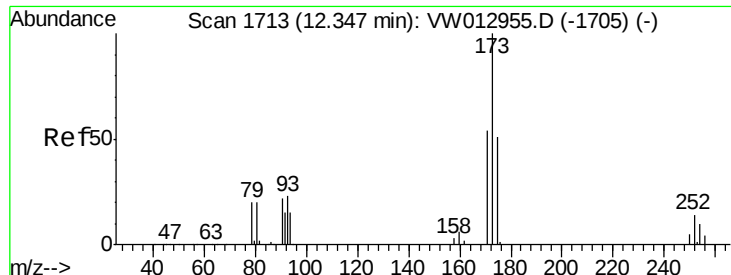
MMDadoda  
9/16/2019 12:43:51 AM



#70  
Styrene  
Concen: 19.557 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.01 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Tgt Ion:104 Resp: 141862  
Ion Ratio Lower Upper  
104 100  
78 51.5 42.1 63.1  
103 53.6 44.2 66.4





#71

Bromoform

Concen: 19.714 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

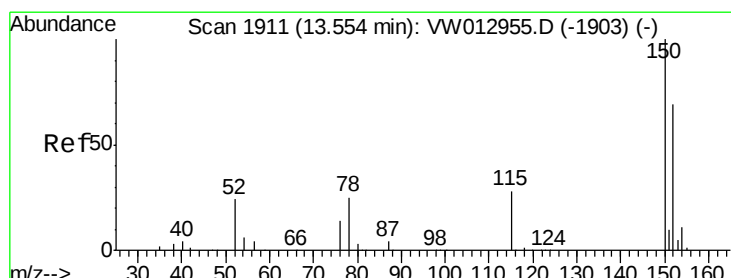
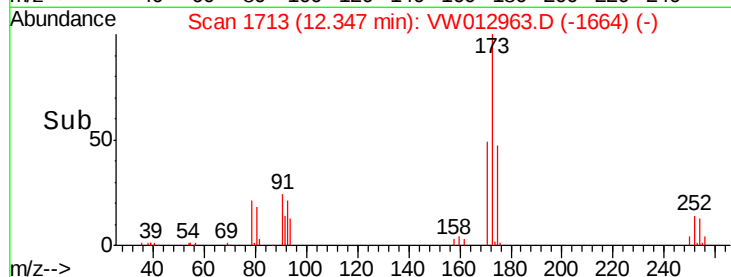
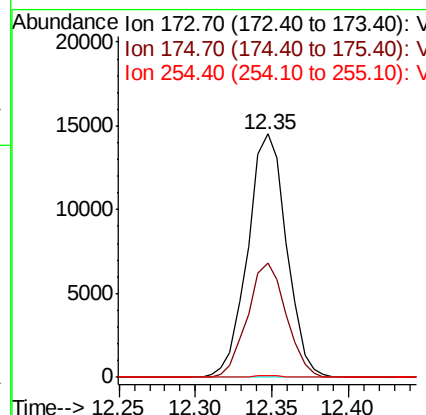
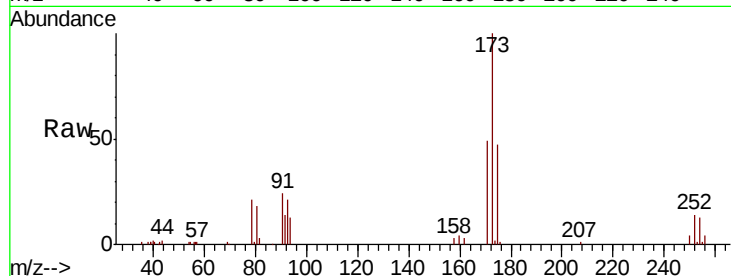
ClientSampleId :

VW0914SBSD01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 173     | 100   | 25581 |       |       |
| 175     | 46.9  | 24.2  | 72.6  |       |
| 254     | 0.3   | 0.1   | 0.1#  |       |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

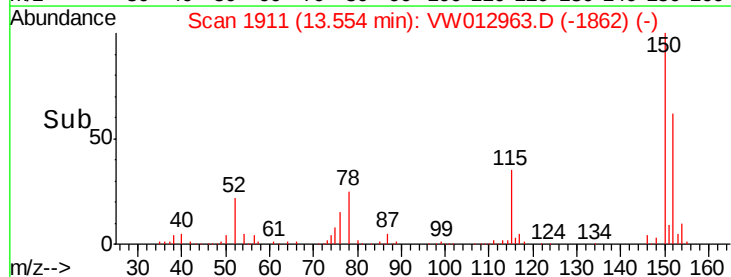
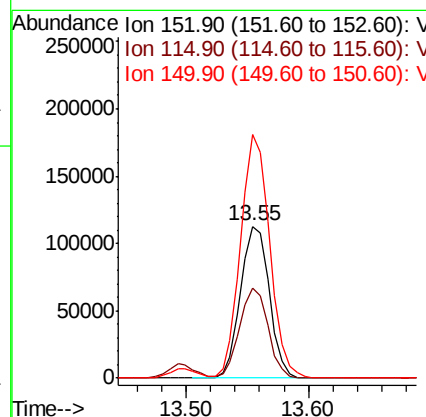
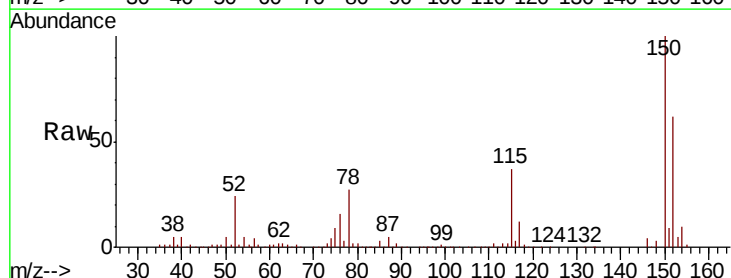
RT: 13.55 min Scan# 1911

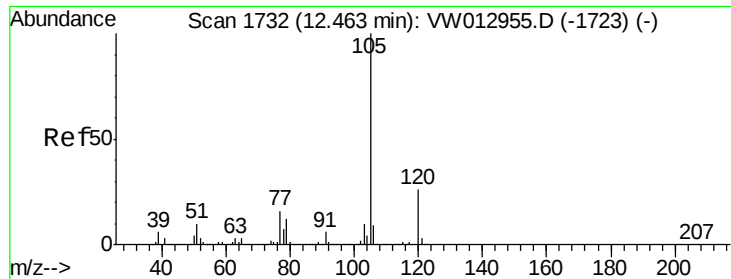
Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 183776 |       |       |
| 115     | 57.9  | 28.8   | 86.4  |       |
| 150     | 162.5 | 0.0    | 340.2 |       |





#73

Isopropylbenzene

Concen: 18.520 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0914SBS01

Tgt Ion: 105 Resp: 225600

Ion Ratio Lower Upper

105 100

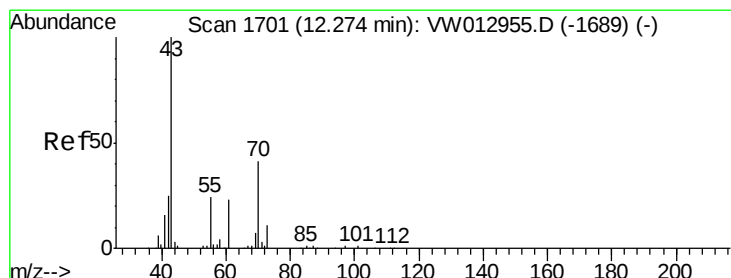
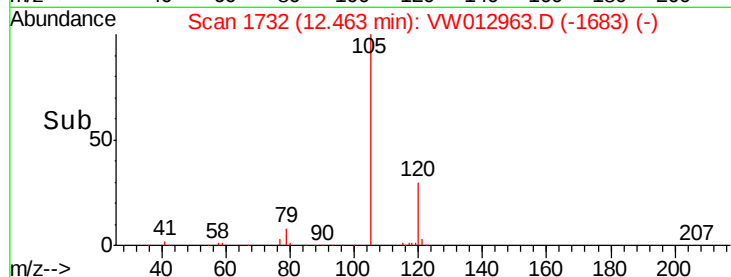
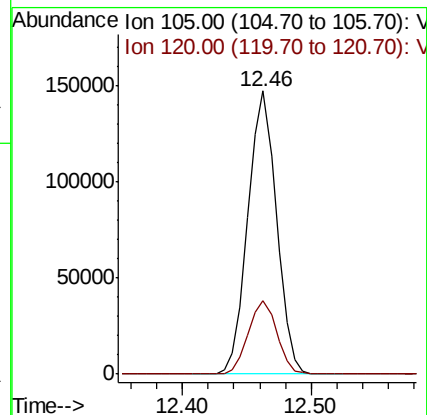
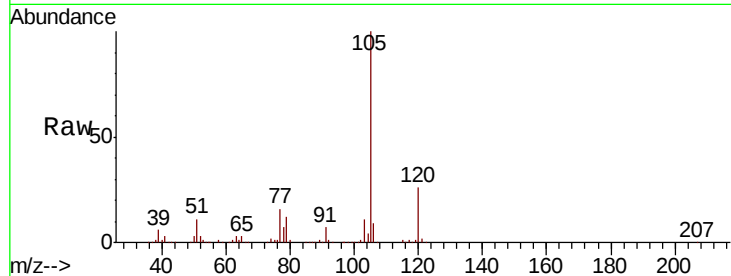
120 25.9 13.0 39.0

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#74

N-ethyl acetate

Concen: 19.636 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Tgt Ion: 43 Resp: 61530

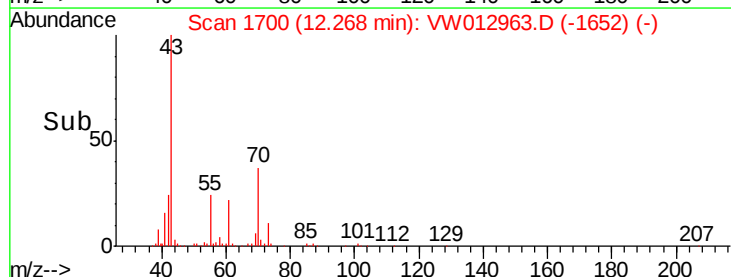
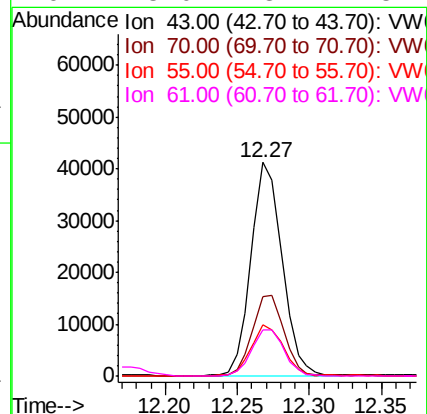
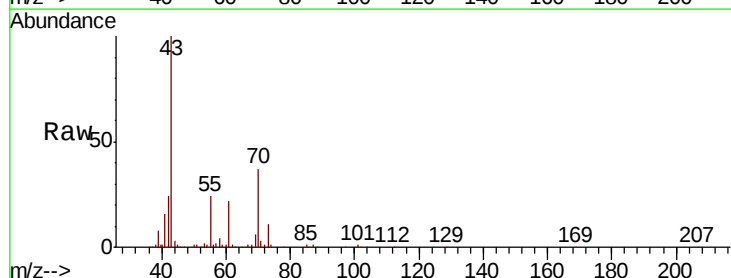
Ion Ratio Lower Upper

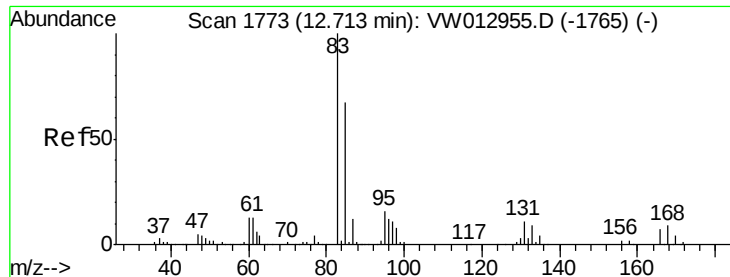
43 100

70 38.5 31.7 47.5

55 25.1 19.4 29.2

61 23.0 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.760 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

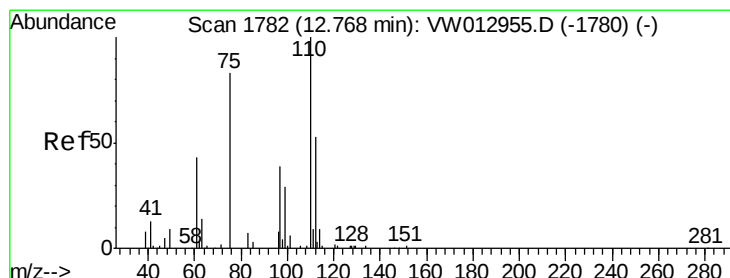
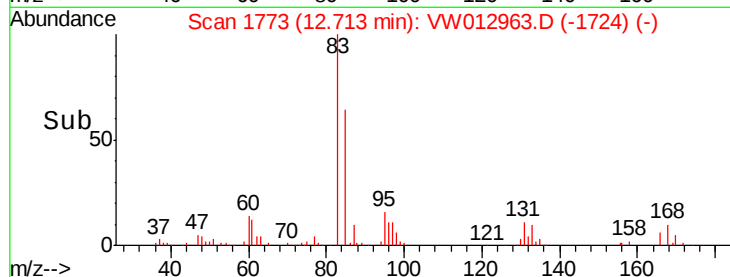
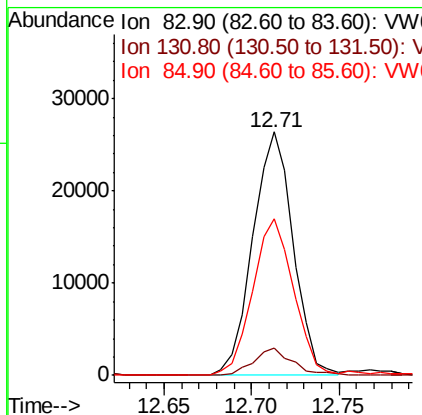
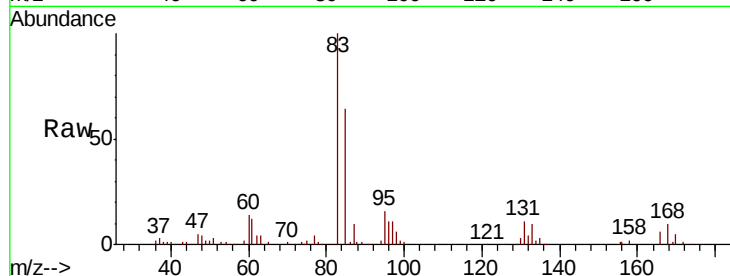
ClientSampleId :

VW0914SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 42276 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 11.0  | 5.7   | 17.1  |
| 85       | 65.0  | 31.4  | 94.3  |

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#76

1,2,3-Trichloropropane

Concen: 20.800 ug/l m

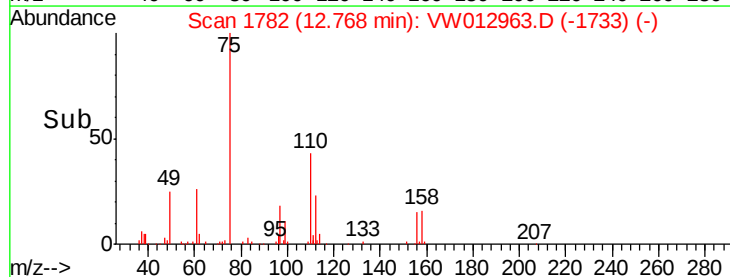
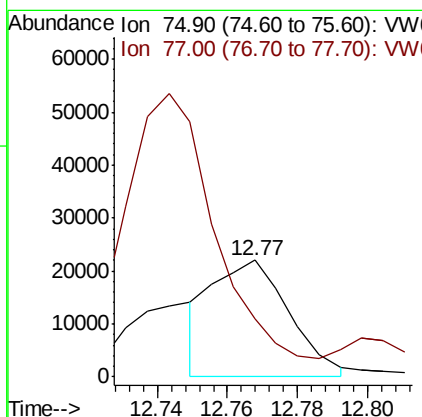
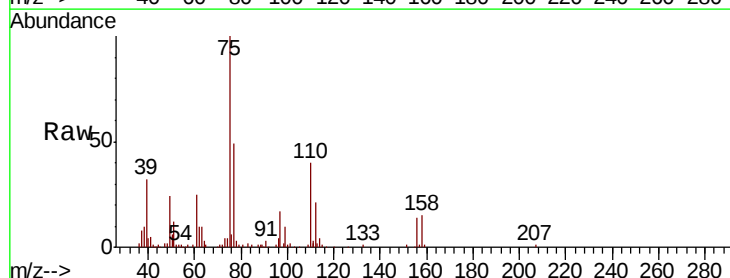
RT: 12.77 min Scan# 1782

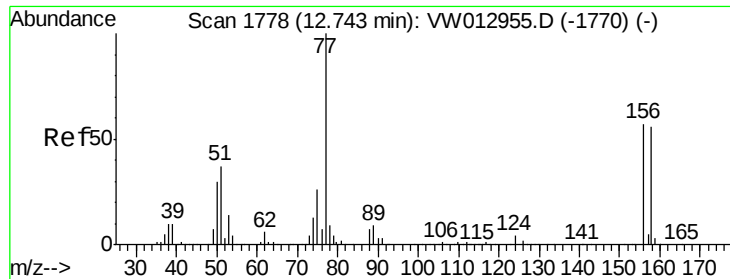
Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 33483 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 19.039 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

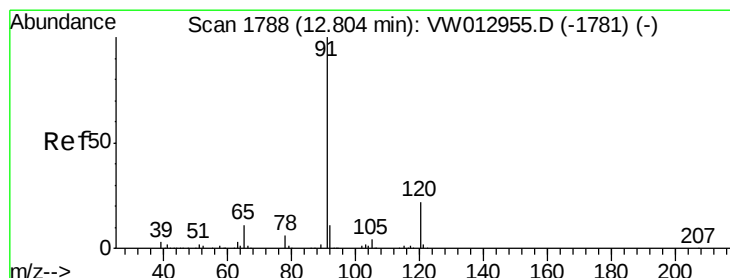
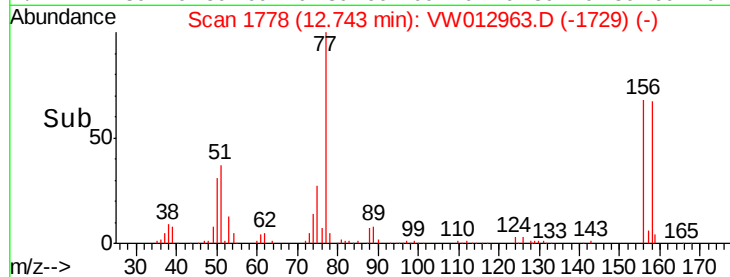
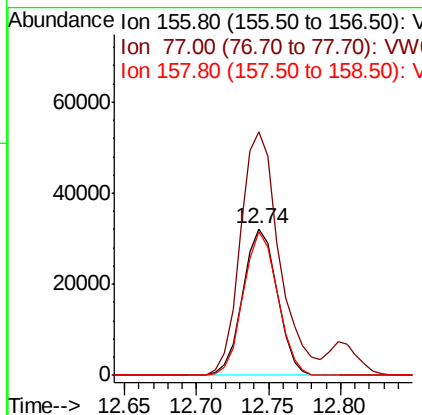
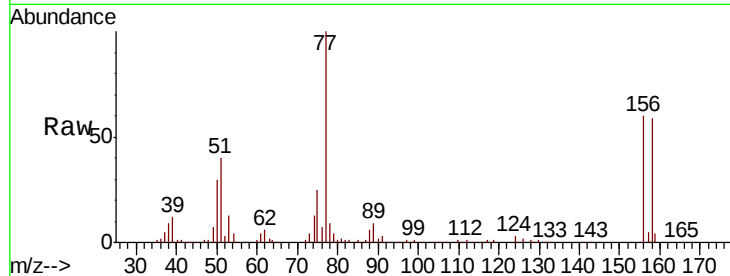
ClientSampleId :

VW0914SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 53427 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 187.8 | 95.2  | 285.6 |
| 158       | 97.0  | 49.0  | 147.2 |

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#78

n-propylbenzene

Concen: 18.594 ug/l

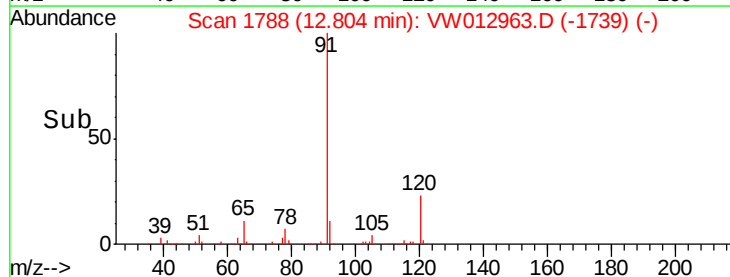
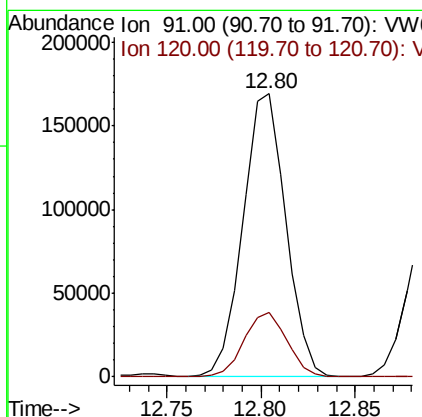
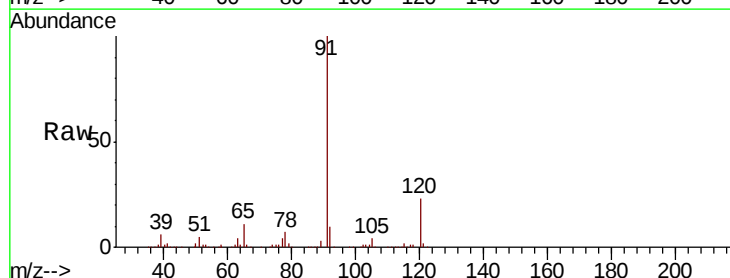
RT: 12.80 min Scan# 1788

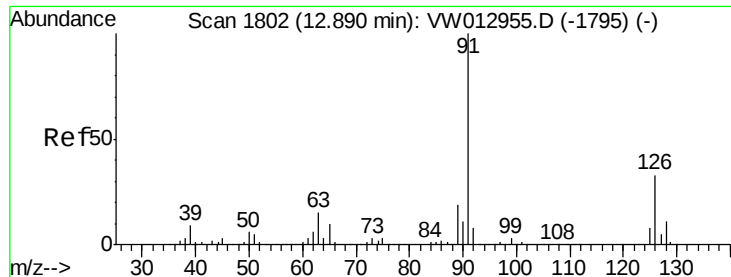
Delta R.T. -0.00 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 266424 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.6  | 11.2  | 33.5   |





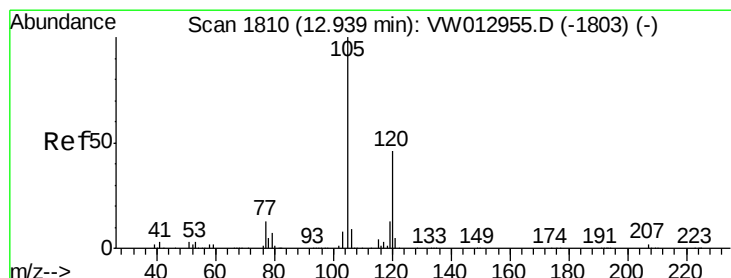
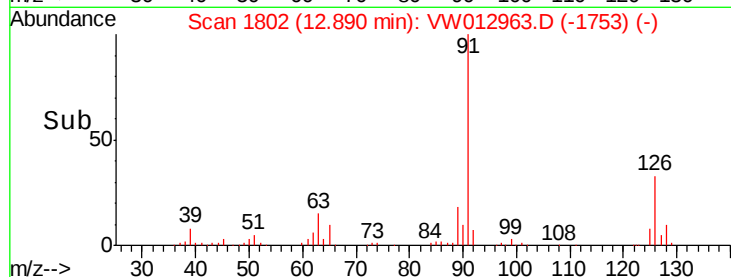
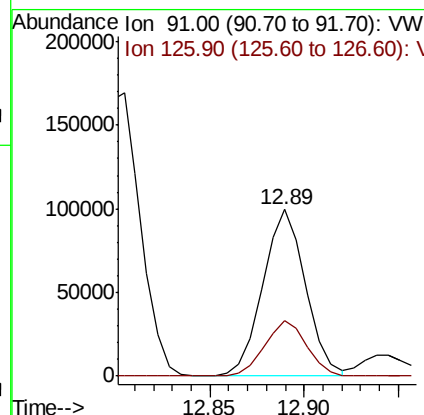
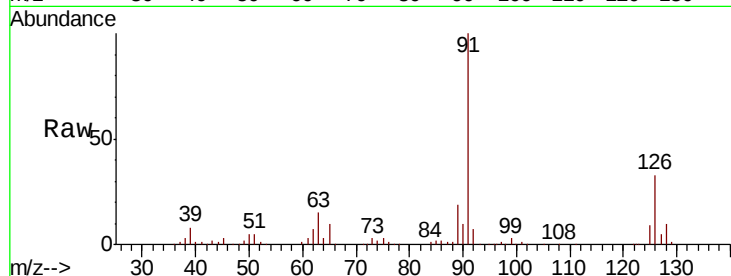
#79  
 2-Chlorotoluene  
 Concen: 18.900 ug/l  
 RT: 12.89 min Scan# 1802  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0914SBSD01

Tgt Ion: 91 Resp: 155682  
 Ion Ratio Lower Upper  
 91 100  
 126 33.0 16.5 49.5

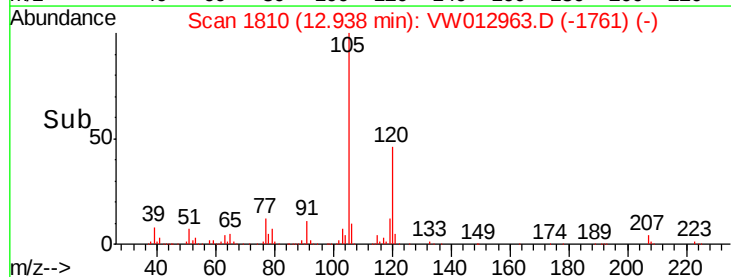
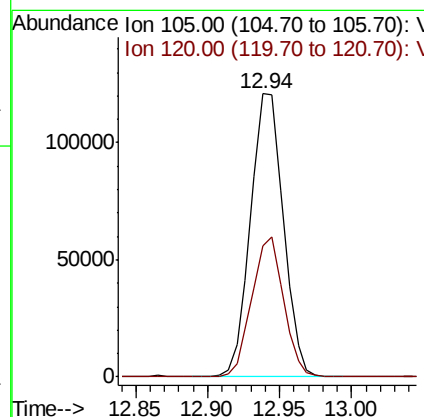
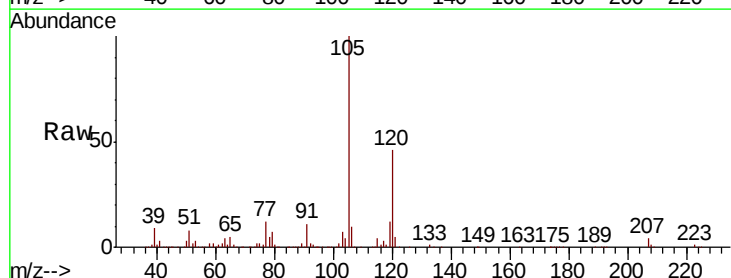
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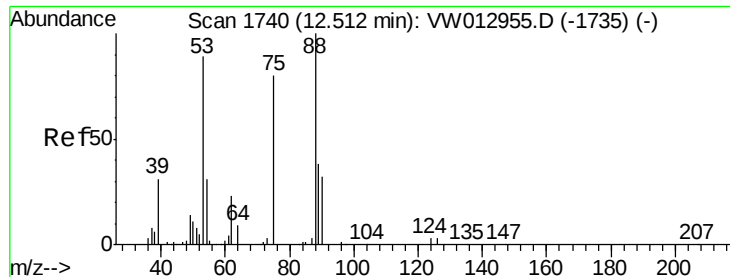
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.535 ug/l  
 RT: 12.94 min Scan# 1810  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

Tgt Ion: 105 Resp: 191004  
 Ion Ratio Lower Upper  
 105 100  
 120 47.8 24.2 72.6





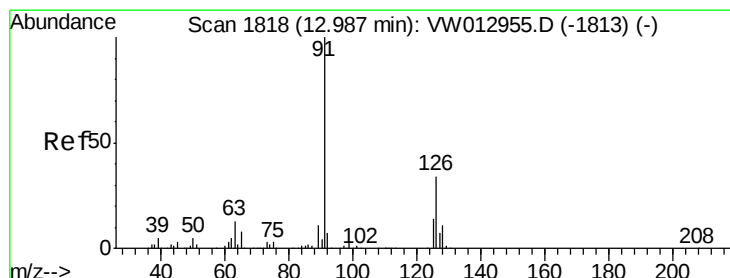
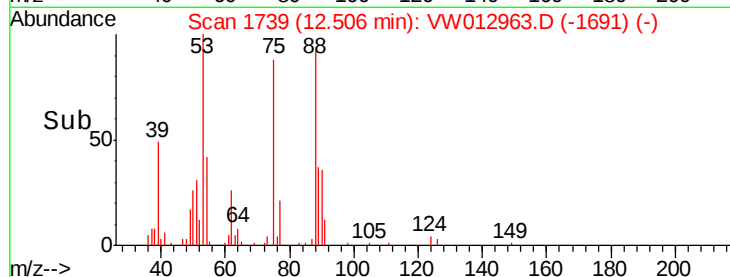
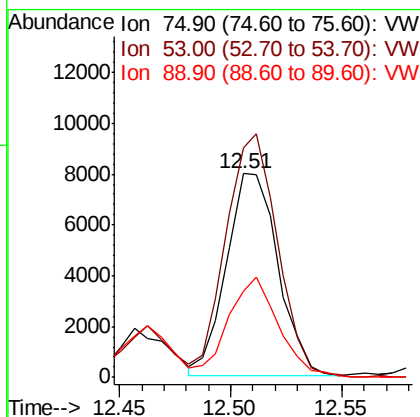
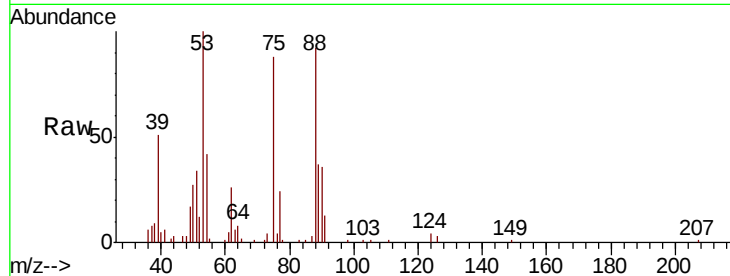
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.110 ug/l  
RT: 12.51 min Scan# 1739  
Delta R.T. -0.01 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 120.5 | 85.6  | 128.4 |
| 89      | 48.5  | 37.2  | 55.8  |

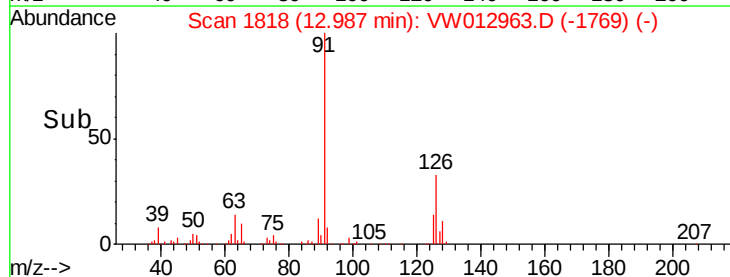
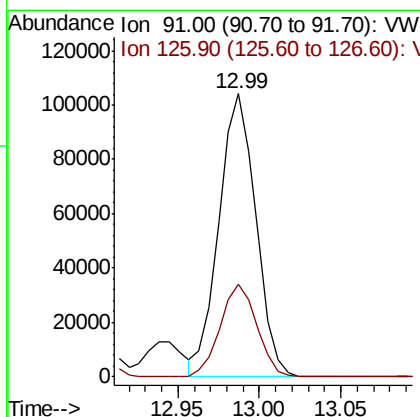
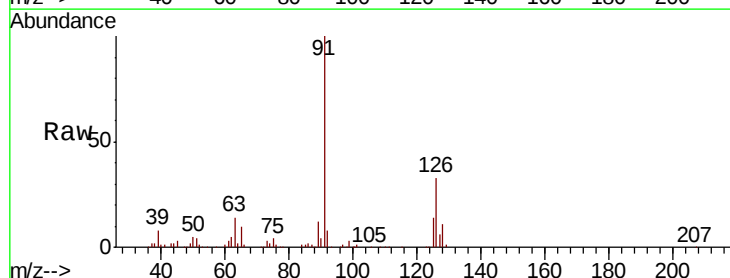
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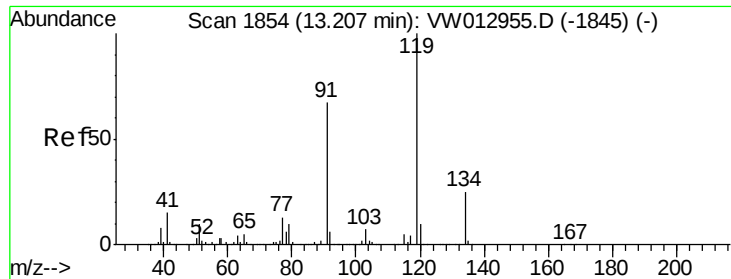
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#82  
4-Chlorotoluene  
Concen: 18.912 ug/l  
RT: 12.99 min Scan# 1818  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.5  | 16.1  | 48.3  |





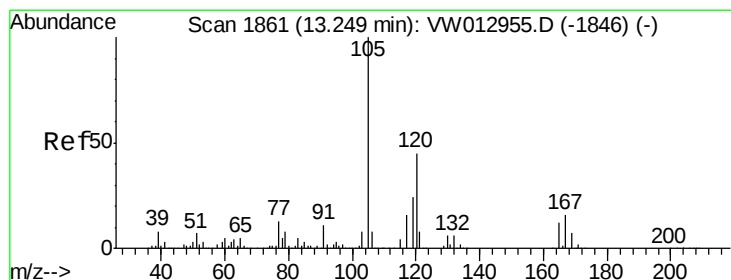
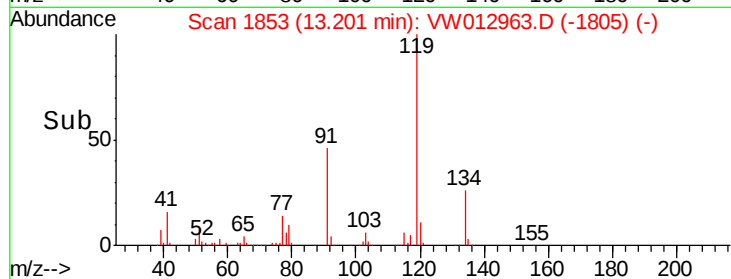
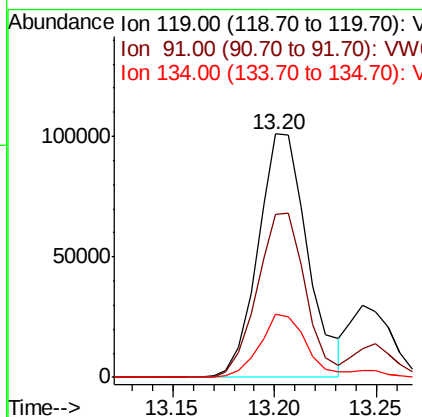
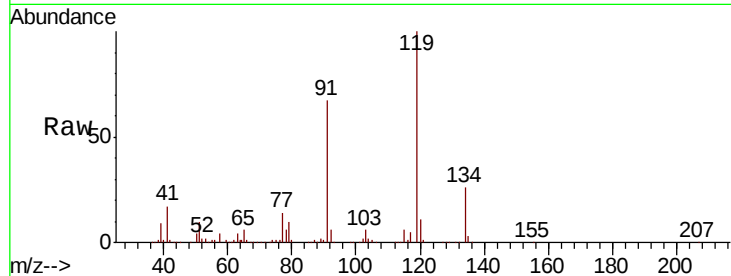
#83  
 tert-Butylbenzene  
 Concen: 18.497 ug/l  
 RT: 13.20 min Scan# 1853  
 Delta R.T. -0.01 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0914SBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 170496 |       |       |
| 91      | 65.6  | 32.6   | 98.0  |       |
| 134     | 24.7  | 12.4   | 37.4  |       |

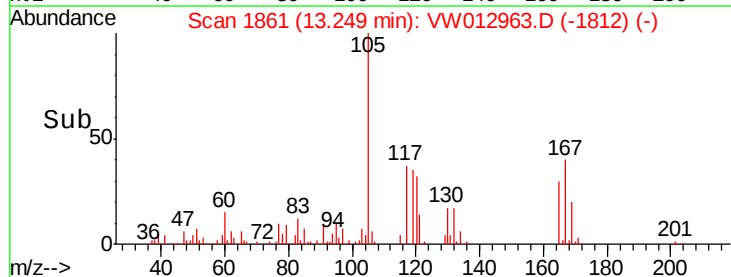
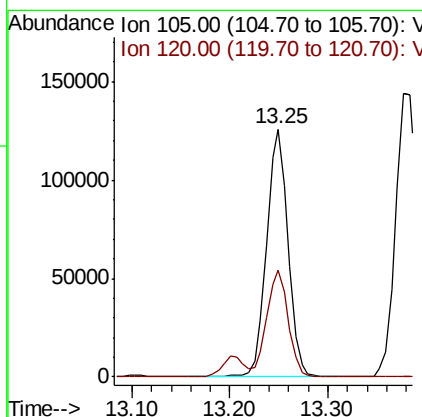
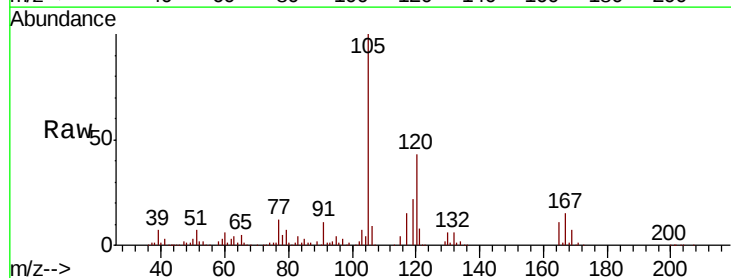
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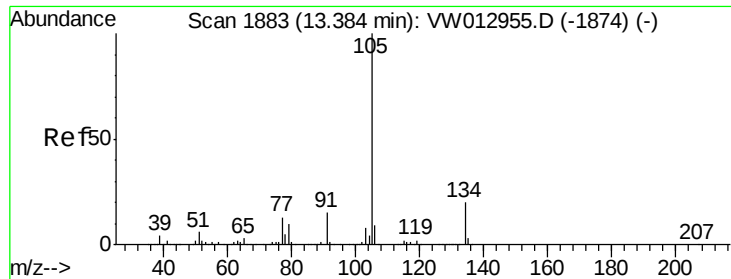
MMDadoda  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.064 ug/l  
 RT: 13.25 min Scan# 1861  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 194132 |       |       |
| 120     | 43.0  | 21.9   | 65.7  |       |





#85

sec-Butylbenzene

Concen: 18.299 ug/l

RT: 13.38 min Scan# 1882

Delta R.T. -0.01 min

Lab File: VW012963.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0914SBSD01

Tgt Ion:105 Resp: 229809  
Ion Ratio Lower Upper

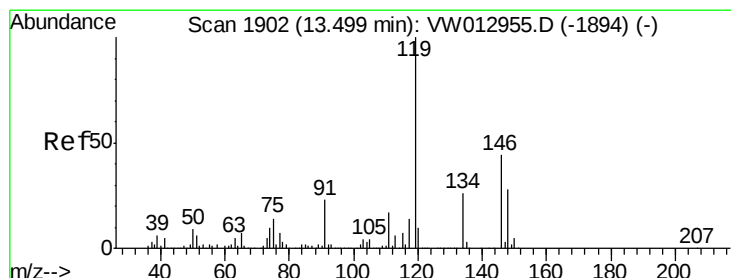
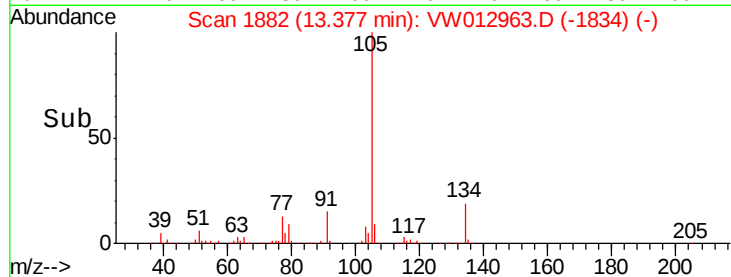
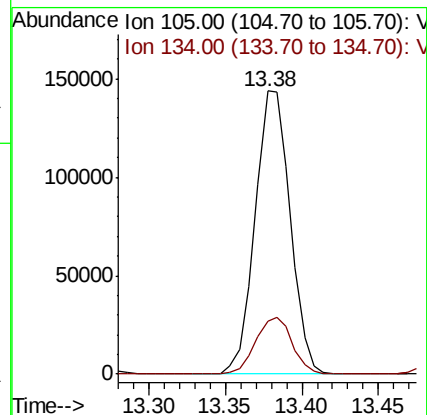
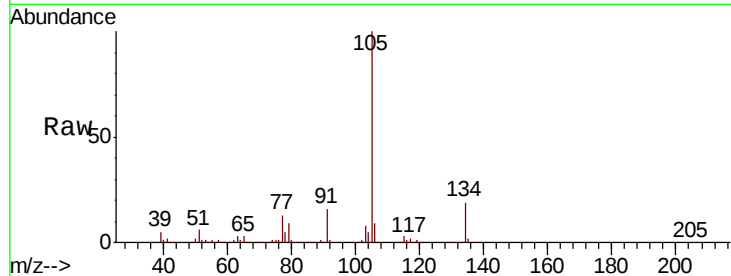
105 100

134 20.7 10.2 30.4

Manual Integrations  
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#86

p-Isopropyltoluene

Concen: 18.478 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012963.D

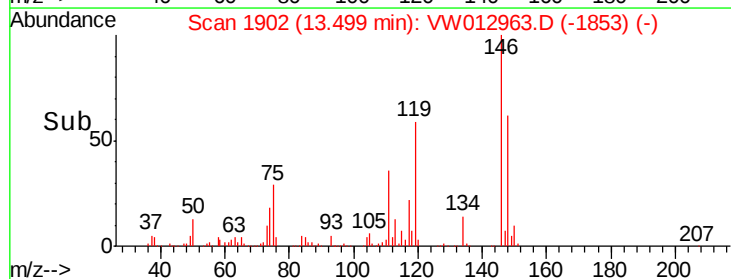
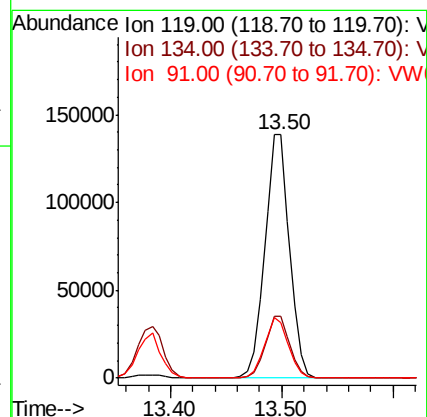
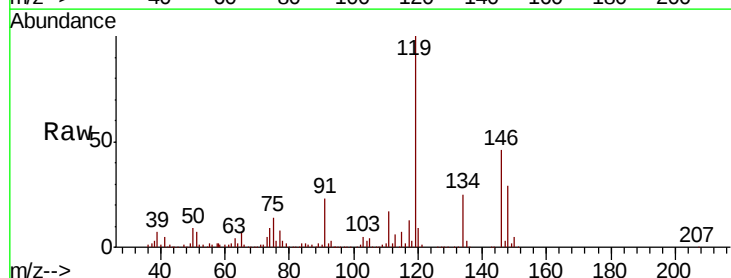
Acq: 13 Sep 2019 20:06

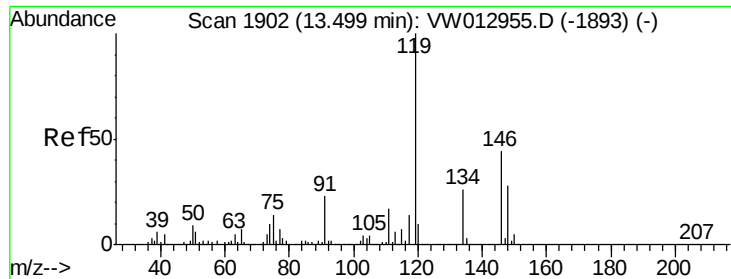
Tgt Ion:119 Resp: 213053  
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.3

91 24.2 11.8 35.4





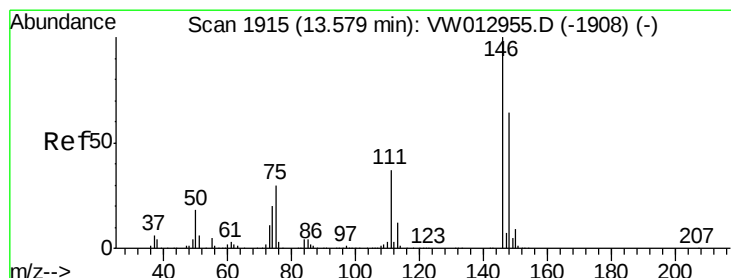
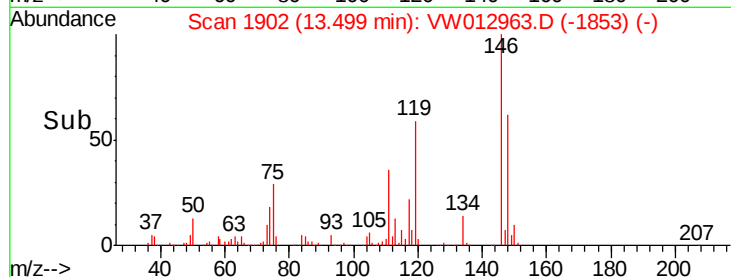
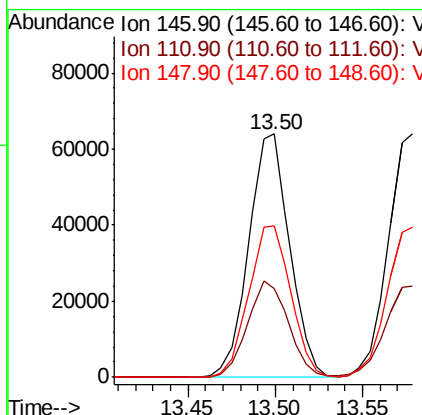
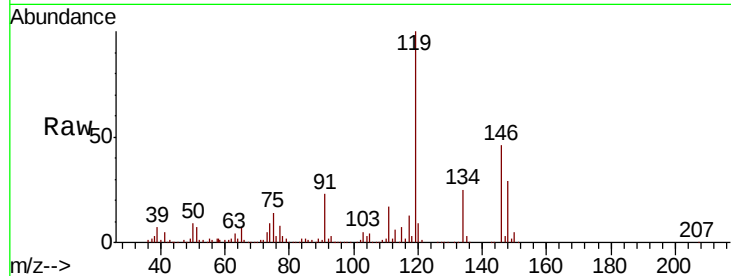
#87  
 1,3-Dichlorobenzene  
 Concen: 18.639 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0914SBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.8  | 19.8  | 59.4  |
| 148     | 64.3  | 31.9  | 95.7  |

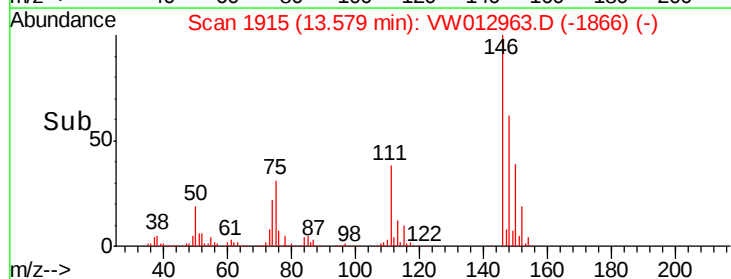
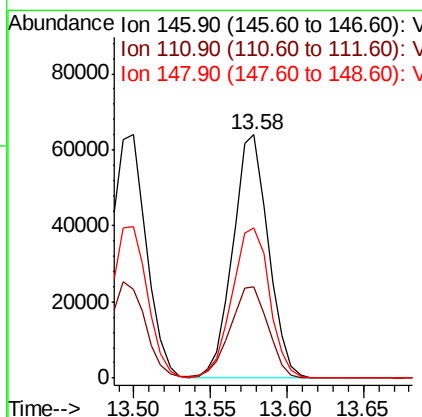
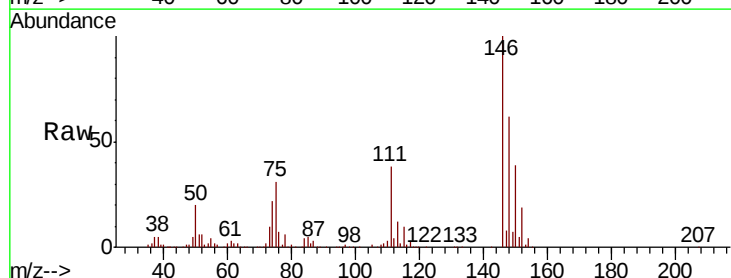
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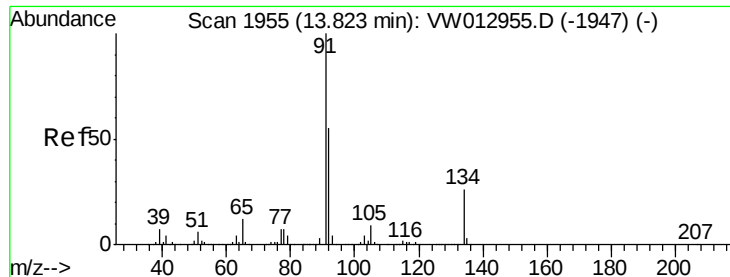
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#88  
 1,4-Dichlorobenzene  
 Concen: 18.821 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.4  | 19.4  | 58.2  |
| 148     | 65.6  | 31.9  | 95.5  |





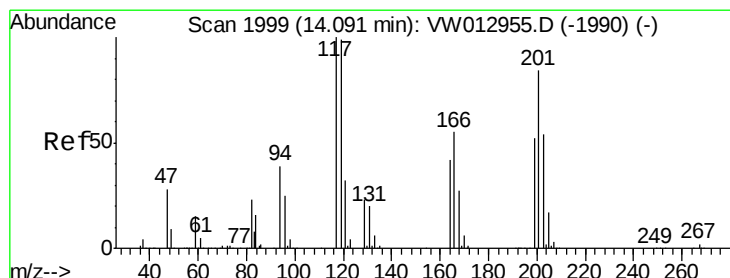
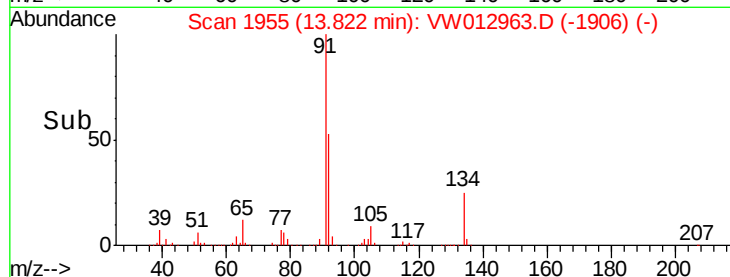
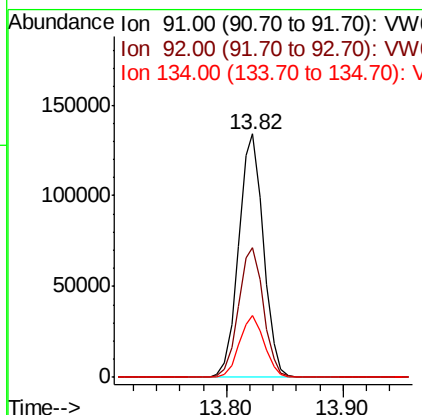
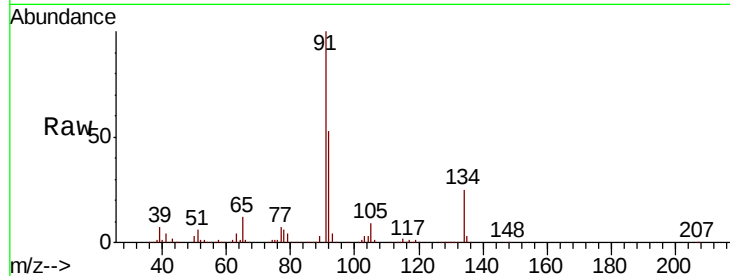
#89  
n-Butylbenzene  
Concen: 18.300 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 198990 |       |       |
| 92      | 53.5  | 27.2   | 81.5  |       |
| 134     | 25.4  | 13.1   | 39.1  |       |

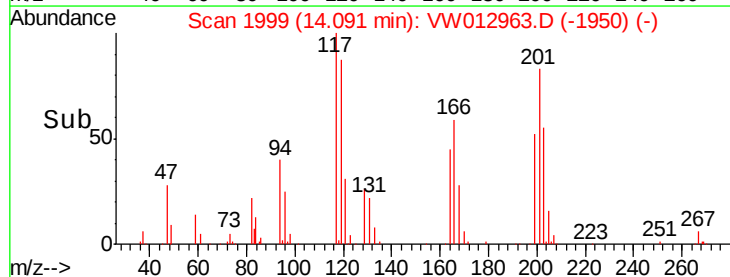
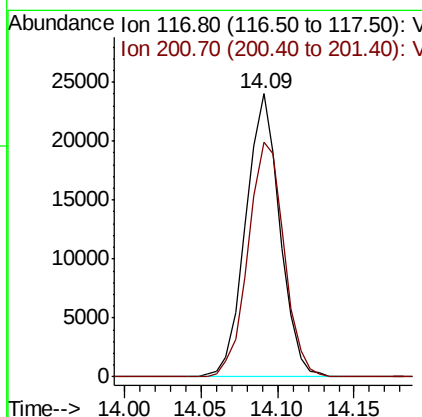
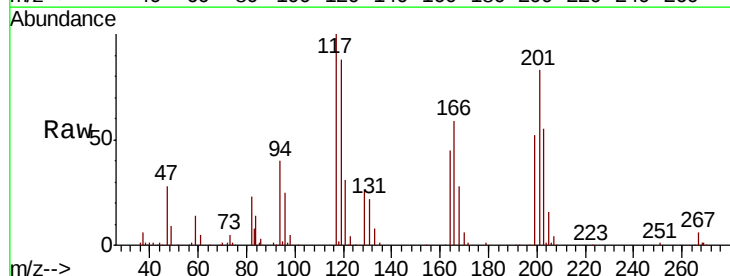
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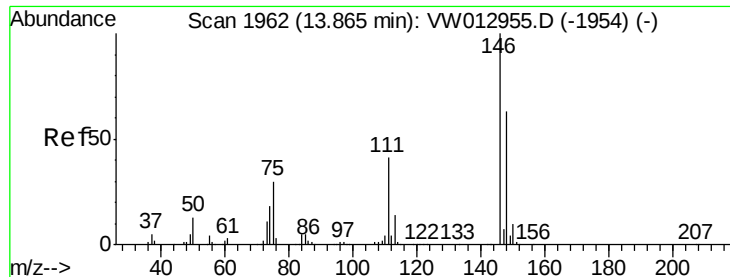
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#90  
Hexachloroethane  
Concen: 18.045 ug/l  
RT: 14.09 min Scan# 1999  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 37285 |       |       |
| 201     | 87.4  | 45.3  | 135.9 |       |





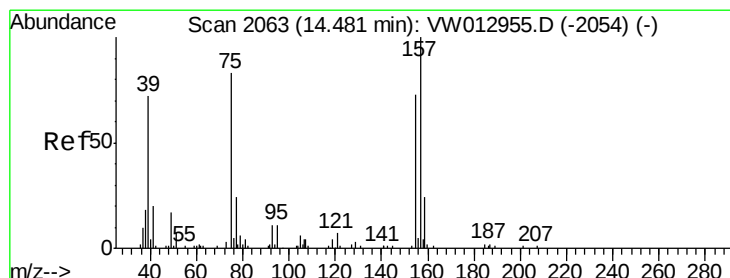
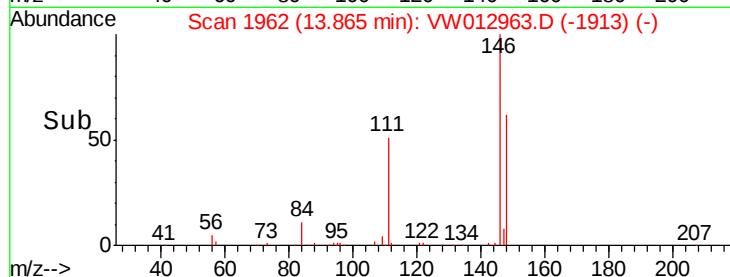
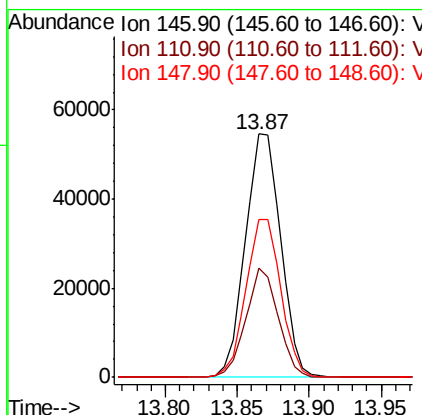
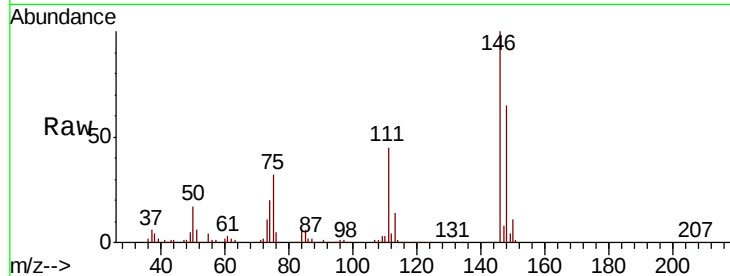
#91  
 1,2-Dichlorobenzene  
 Concen: 18.961 ug/l  
 RT: 13.87 min Scan# 1962  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0914SBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.4  | 20.8  | 62.5  |
| 148     | 64.1  | 32.7  | 98.1  |

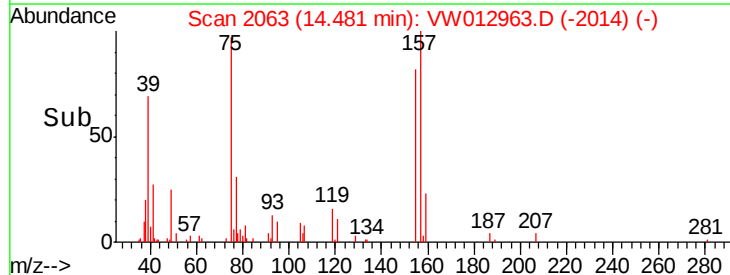
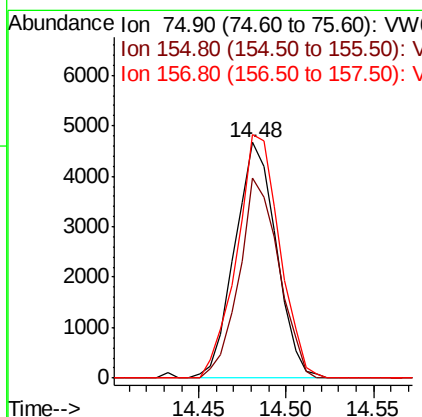
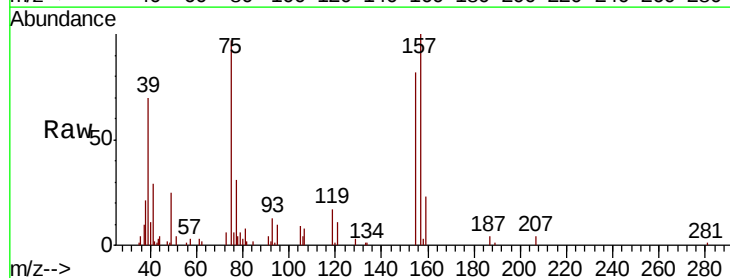
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.683 ug/l  
 RT: 14.48 min Scan# 2063  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 81.2  | 43.3  | 129.9 |
| 157     | 106.5 | 54.7  | 164.1 |





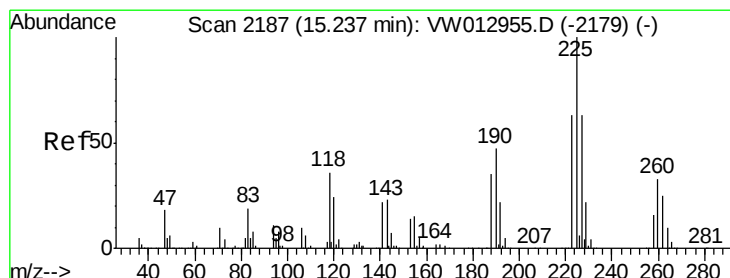
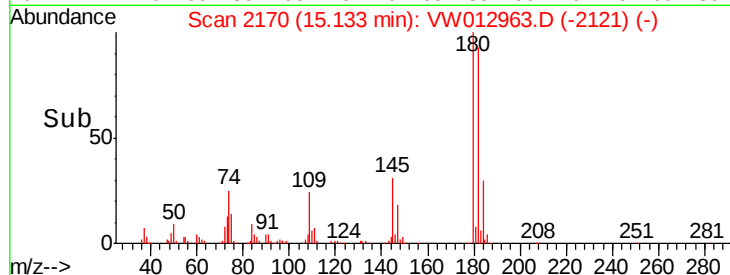
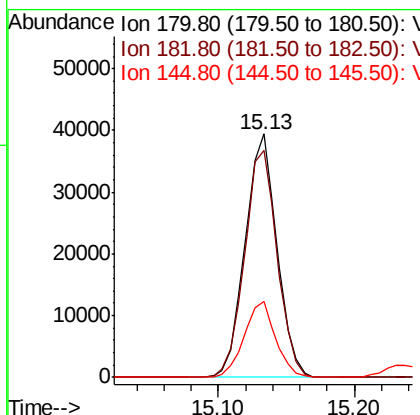
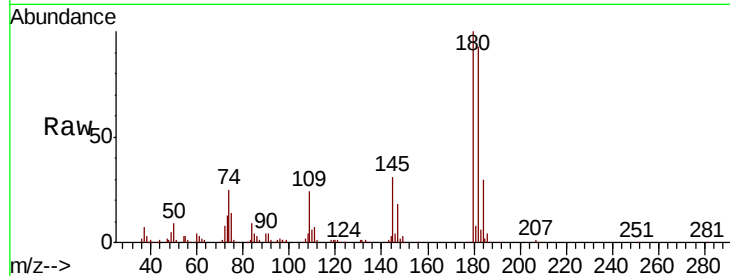
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.571 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0914SBS01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 64702 |       |       |
| 182     | 95.6  | 47.4  | 142.2 |       |
| 145     | 30.6  | 14.9  | 44.7  |       |

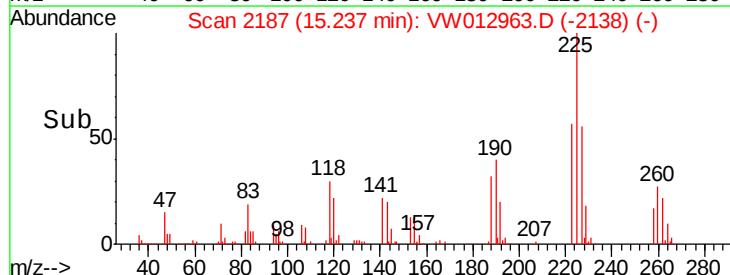
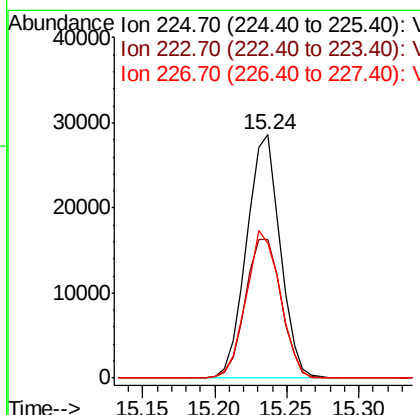
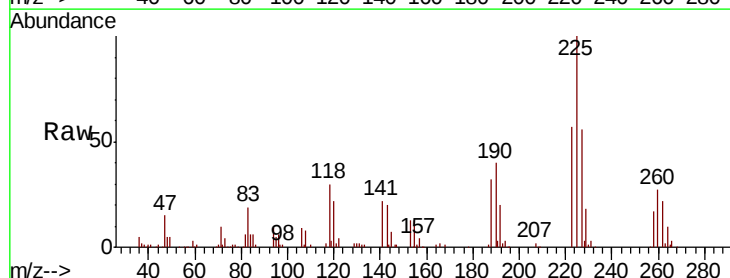
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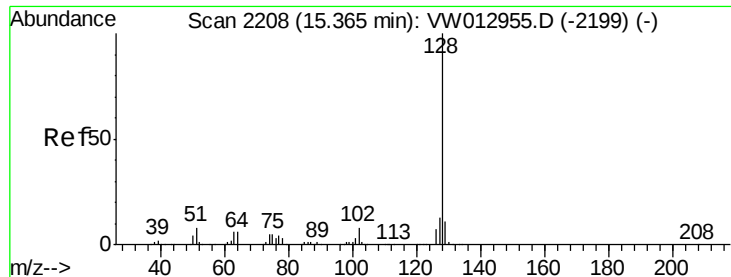
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#94  
 Hexachlorobutadiene  
 Concen: 18.655 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. -0.00 min  
 Lab File: VW012963.D  
 Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 46011 |       |       |
| 223     | 61.4  | 31.8  | 95.3  |       |
| 227     | 61.4  | 31.3  | 93.8  |       |





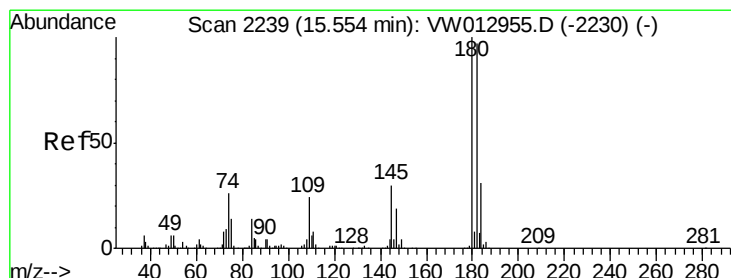
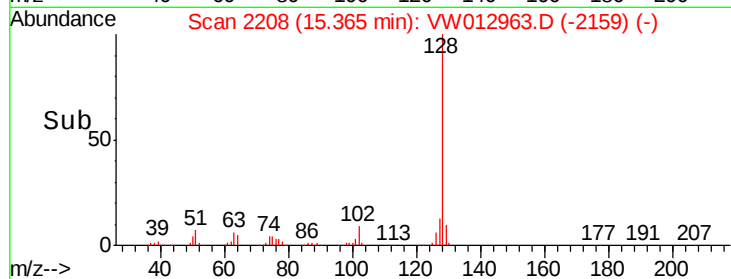
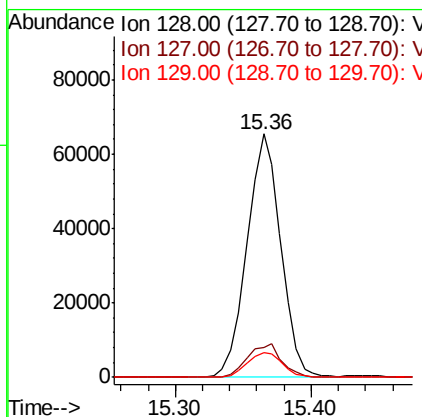
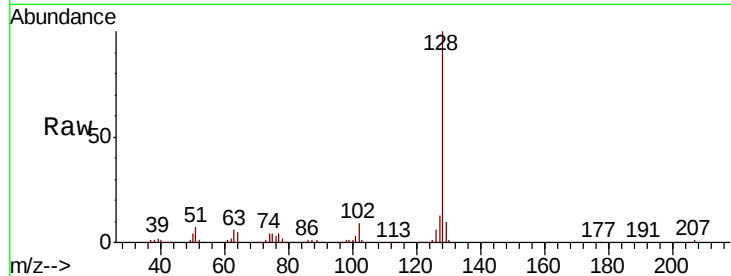
#95  
Naphthalene  
Concen: 19.512 ug/l  
RT: 15.36 min Scan# 2208  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0914SBSD01

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 127     | 14.0  | 11.0       | 16.6       |
| 129     | 10.9  | 8.6        | 12.8       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 18.262 ug/l  
RT: 15.55 min Scan# 2239  
Delta R.T. -0.00 min  
Lab File: VW012963.D  
Acq: 13 Sep 2019 20:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 97.3  | 47.6       | 142.8      |
| 145     | 31.6  | 15.4       | 46.2       |

