

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW111718\  
 Data File : VW006936.D  
 Acq On : 17 Nov 2018 01:51  
 Operator : SY/AP  
 Sample : VSTDICV050  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW111718

Manual Integrations  
 APPROVED

apatel  
 11/19/2018 3:29:38 PM

Quant Time: Nov 17 05:33:38 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W111718S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 17 04:45:18 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 114334   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 186466   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 179348   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 87050    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 61056    | 47.92 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.84%  |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 56014    | 51.30 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.60% |      |
| 50) Toluene-d8            | 10.33  | 98  | 249297   | 53.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.26% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 97389    | 53.23 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.46% |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 46651  | 42.62  | ug/l | 99     |
| 3) Chloromethane              | 2.21 | 50  | 44350  | 45.01  | ug/l | 96     |
| 4) Vinyl Chloride             | 2.36 | 62  | 41231  | 44.14  | ug/l | 100    |
| 5) Bromomethane               | 2.77 | 94  | 23469  | 46.77  | ug/l | 96     |
| 6) Chloroethane               | 2.92 | 64  | 23841  | 46.34  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 77907  | 42.85  | ug/l | 98     |
| 8) Diethyl Ether              | 3.69 | 74  | 28944  | 43.99  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.07 | 101 | 48808  | 41.57  | ug/l | 99     |
| 10) Methyl Iodide             | 4.28 | 142 | 71326  | 49.17  | ug/l | 99     |
| 11) Tert butyl alcohol        | 5.20 | 59  | 20136m | 207.72 | ug/l |        |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 46347  | 44.00  | ug/l | 97     |
| 13) Acrolein                  | 3.90 | 56  | 19717  | 224.32 | ug/l | 100    |
| 14) Allyl chloride            | 4.67 | 41  | 83598  | 45.11  | ug/l | 98     |
| 15) Acrylonitrile             | 5.37 | 53  | 58367  | 227.94 | ug/l | 97     |
| 16) Acetone                   | 4.14 | 43  | 43022  | 220.74 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.38 | 76  | 149121 | 44.75  | ug/l | 97     |
| 18) Methyl Acetate            | 4.68 | 43  | 29246  | 41.00  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 142259 | 46.07  | ug/l | 100    |
| 20) Methylene Chloride        | 4.92 | 84  | 64697  | 48.07  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96  | 54850  | 43.65  | ug/l | 99     |
| 22) Diisopropyl ether         | 6.32 | 45  | 171677 | 45.39  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.26 | 43  | 483049 | 230.62 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.23 | 63  | 100194 | 46.00  | ug/l | 99     |
| 25) 2-Butanone                | 7.18 | 43  | 71323  | 220.35 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 83425  | 43.90  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 63830  | 45.69  | ug/l | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 37731  | 47.17  | ug/l | # 98   |
| 29) Tetrahydrofuran           | 7.54 | 42  | 45885  | 217.98 | ug/l | 99     |
| 30) Chloroform                | 7.68 | 83  | 105672 | 44.26  | ug/l | 98     |
| 31) Cyclohexane               | 7.96 | 56  | 91027  | 41.72  | ug/l | 95     |
| 32) 1,1,1-Trichloroethane     | 7.88 | 97  | 92709  | 45.10  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 82560  | 46.48  | ug/l | 98     |
| 37) Ethyl Acetate             | 7.26 | 43  | 32691  | 43.28  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 79896  | 45.77  | ug/l | 94     |

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 Sample : VSTDICV050  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 ICVVW111718

Manual Integrations  
 APPROVED

apatel  
 11/19/2018 3:29:38 PM

Quant Time: Nov 17 05:33:38 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W111718S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 17 04:45:18 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 97710    | 44.32  | ug/l   | 97       |
| 40) Benzene                    | 8.32  | 78   | 237109   | 47.23  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 20392    | 44.08  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 69269    | 46.09  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 66165    | 45.66  | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 63597    | 47.11  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 60387    | 47.62  | ug/l   | 98       |
| 46) Dibromomethane             | 9.46  | 93   | 29910    | 46.57  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 80261    | 47.46  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.44  | 41   | 33015    | 47.21  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 8814     | 905.66 | ug/l # | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 163301   | 228.63 | ug/l   | 98       |
| 52) Toluene                    | 10.39 | 92   | 165963   | 49.41  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 78891    | 47.74  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 94386    | 47.72  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 43567    | 46.01  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 58401    | 49.60  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 75422    | 46.81  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 134877   | 233.03 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.97 | 43   | 113086   | 236.56 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 52440    | 48.56  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 41424    | 47.07  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 56257    | 48.73  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.66 | 112  | 183503   | 48.46  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 56328    | 46.67  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.74 | 91   | 328242   | 48.08  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.84 | 106  | 253078   | 95.19  | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 121608   | 48.19  | ug/l   | 100      |
| 70) Styrene                    | 12.18 | 104  | 199276   | 49.11  | ug/l   | 100      |
| 71) Bromoform                  | 12.35 | 173  | 26692    | 47.44  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.47 | 105  | 321425   | 46.62  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.27 | 43   | 66218    | 47.99  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 47823    | 47.16  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 29650m   | 42.38  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 71324    | 48.81  | ug/l   | 100      |
| 78) n-propylbenzene            | 12.81 | 91   | 379760   | 45.84  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 228007   | 46.97  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 275191   | 46.36  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 14476    | 47.11  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 240075   | 46.90  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 229157   | 45.46  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 277020   | 46.45  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 318336   | 44.26  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 278624   | 44.32  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 141862   | 47.48  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 141119   | 47.39  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.83 | 91   | 258143   | 43.38  | ug/l   | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 46758    | 45.62  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 127084   | 47.57  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 8532     | 48.62  | ug/l   | 99       |

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Data File : VW006936.D  
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Sample : VSTDICV050  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV111718

Manual Integrations  
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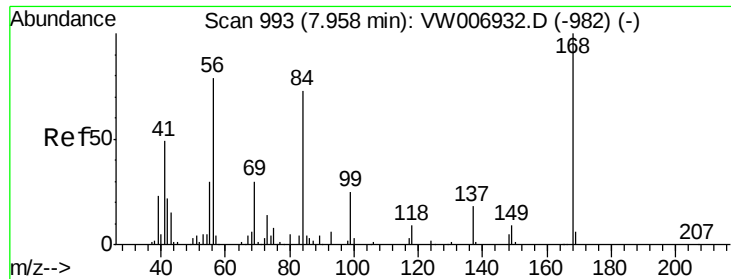
apatel  
11/19/2018 3:29:38 PM

Quant Time: Nov 17 05:33:38 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W111718S.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 17 04:45:18 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 74362    | 44.24 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 36557    | 41.17 | ug/l  | 98       |
| 95) Naphthalene            | 15.38 | 128  | 149314   | 46.10 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 63896    | 44.34 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

ClientSampleId :

ICVW111718

Tgt Ion:168 Resp: 114334

Ion Ratio Lower Upper

168 100

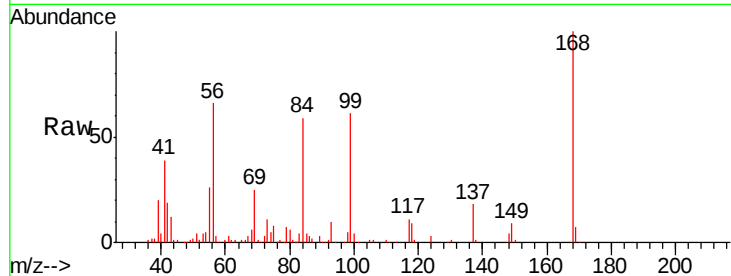
99 61.0 49.3 73.9

Manual Integrations

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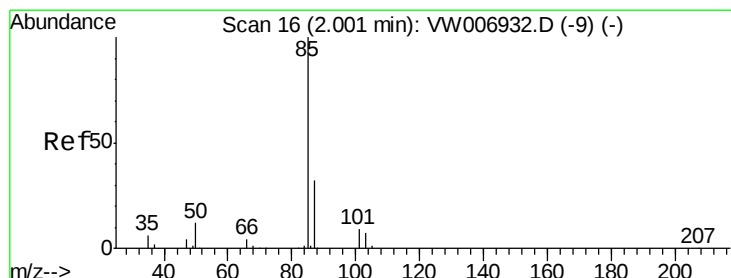
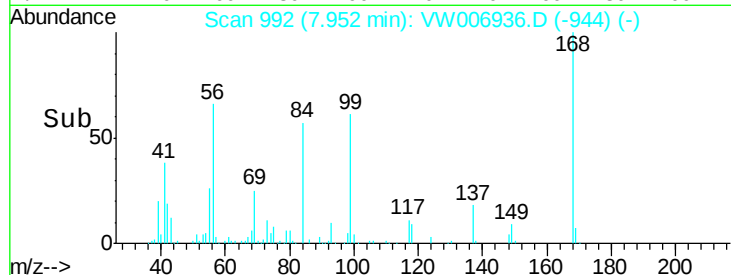
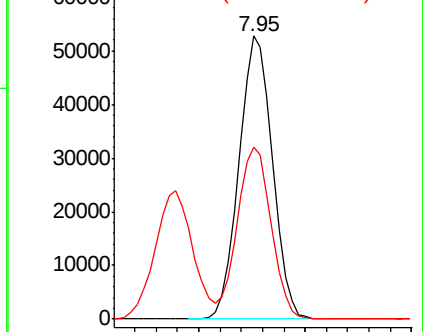
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 42.62 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW006936.D

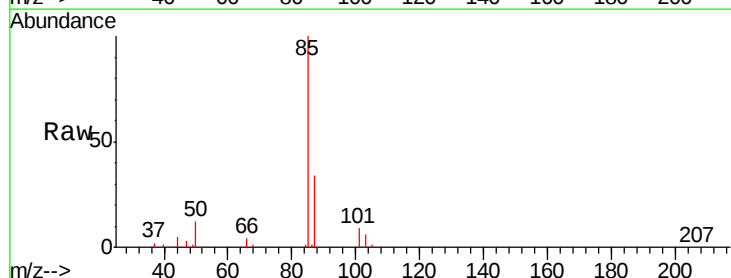
Acq: 17 Nov 2018 01:51

Tgt Ion: 85 Resp: 46651

Ion Ratio Lower Upper

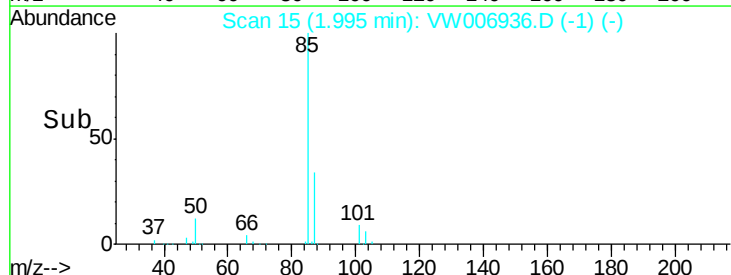
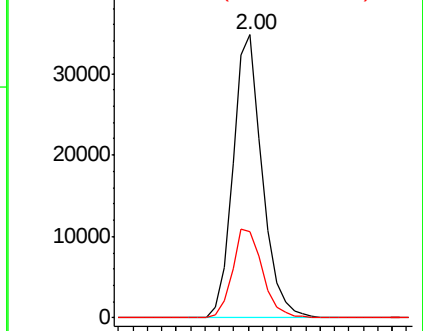
85 100

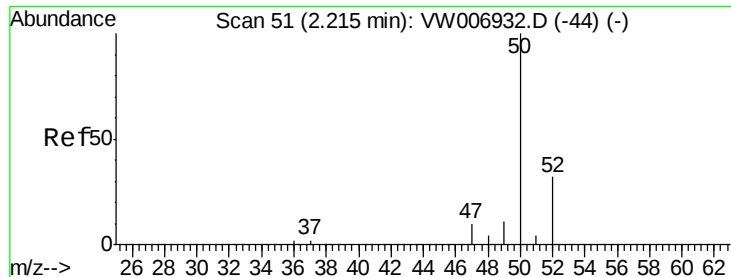
87 32.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.01 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

ClientSampleId :

ICVW111718

Tgt Ion: 50 Resp: 44350

Ion Ratio Lower Upper

50 100

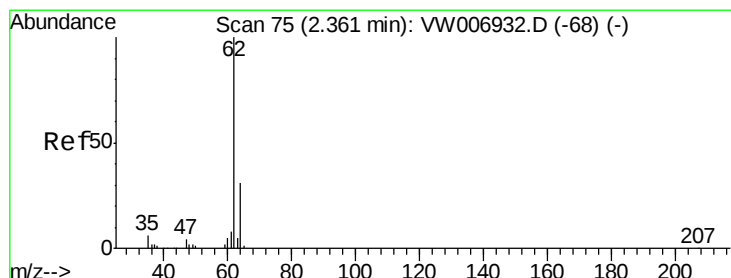
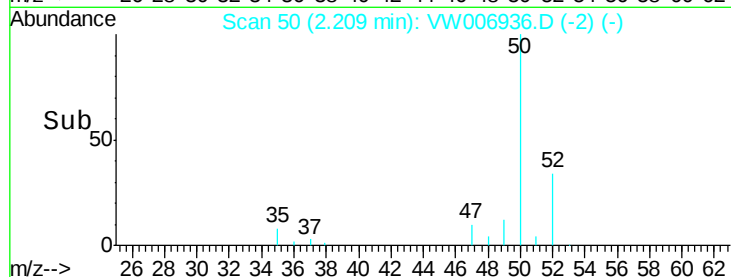
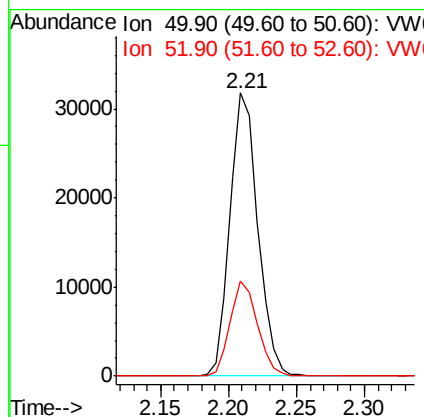
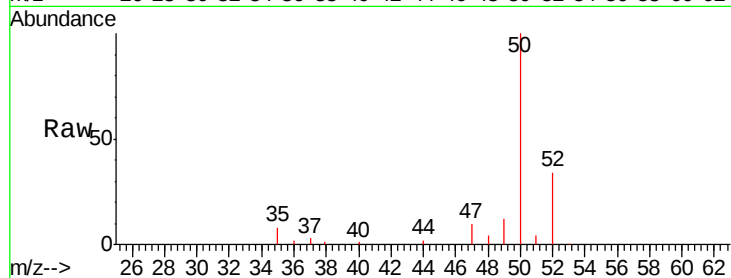
52 34.0 25.4 38.2

Manual Integrations

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11/19/2018 3:29:38 PM



#4

Vinyl Chloride

Concen: 44.14 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006936.D

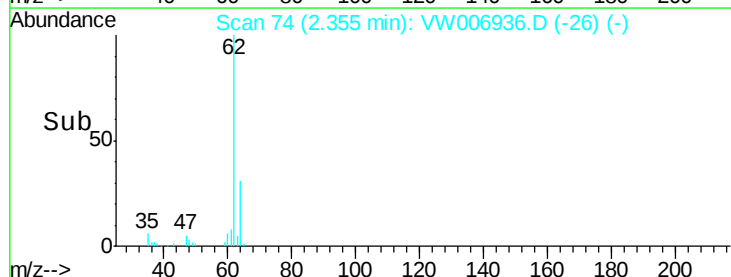
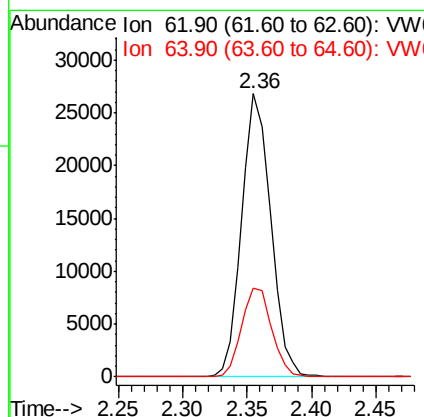
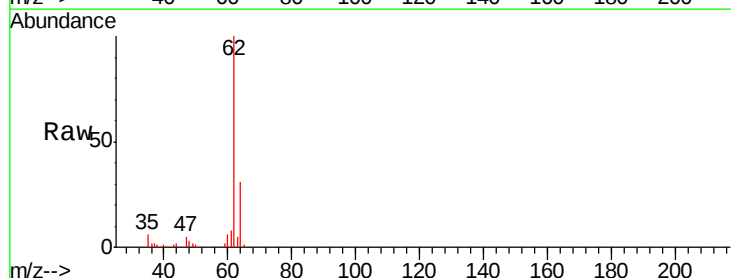
Acq: 17 Nov 2018 01:51

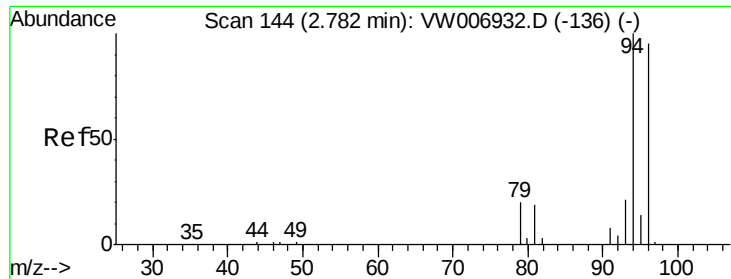
Tgt Ion: 62 Resp: 41231

Ion Ratio Lower Upper

62 100

64 30.6 24.6 37.0





#5

Bromomethane

Concen: 46.77 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

ClientSampleId :

ICVW111718

Tgt Ion: 94 Resp: 23469

Ion Ratio Lower Upper

94 100

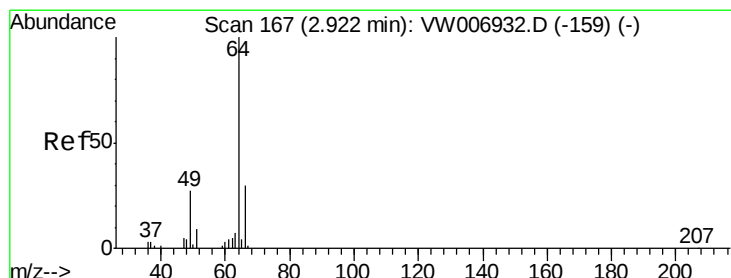
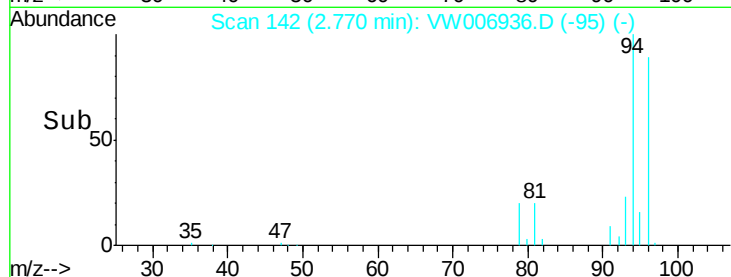
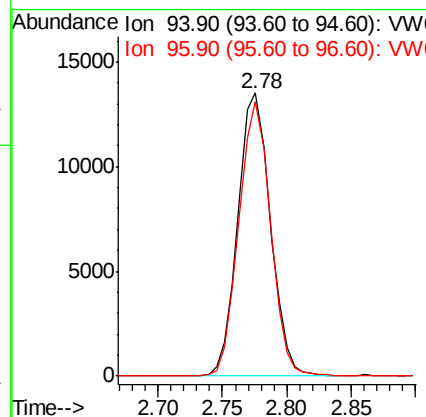
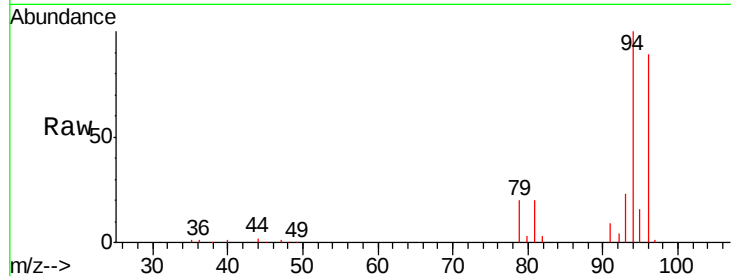
96 91.5 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 46.34 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006936.D

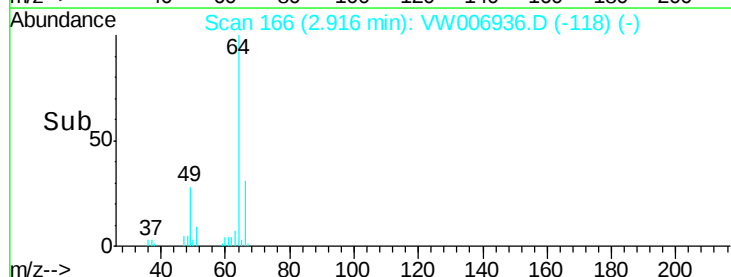
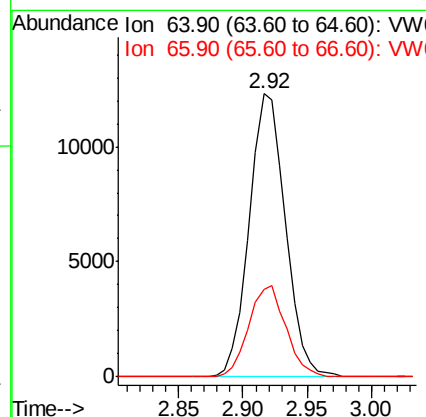
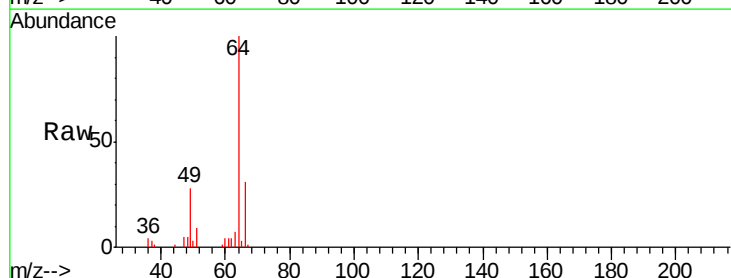
Acq: 17 Nov 2018 01:51

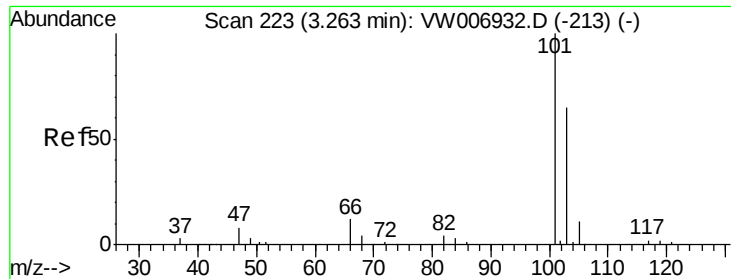
Tgt Ion: 64 Resp: 23841

Ion Ratio Lower Upper

64 100

66 30.8 24.0 36.0





#7

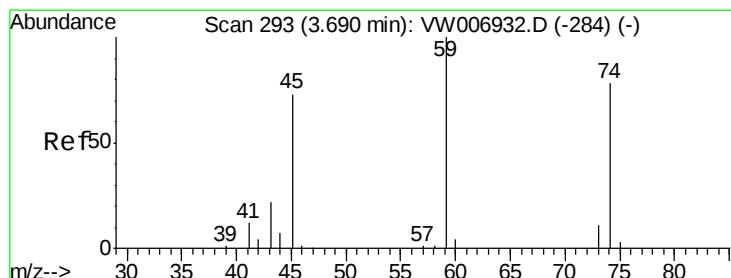
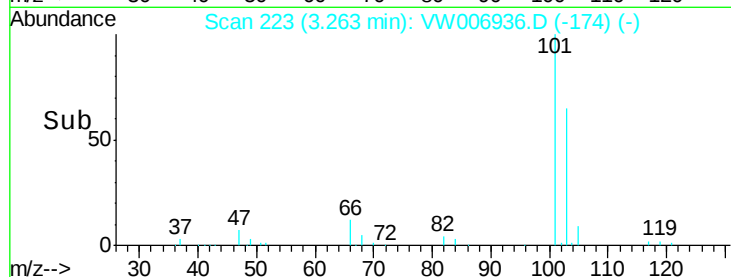
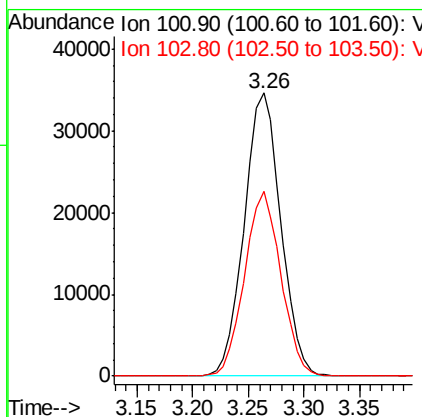
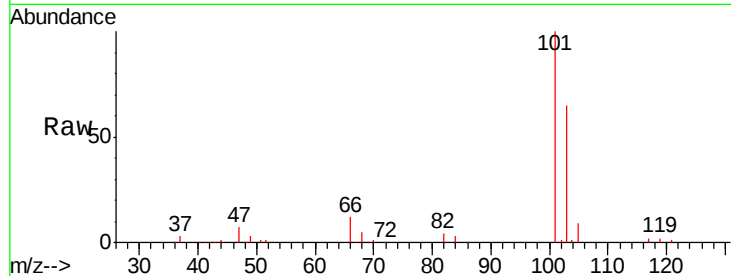
Trichlorofluoromethane  
 Concen: 42.85 ug/l  
 RT: 3.26 min Scan# 223  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW111718

Tgt Ion: 101 Resp: 77907  
 Ion Ratio Lower Upper  
 101 100  
 103 66.4 52.2 78.2

Manual Integrations  
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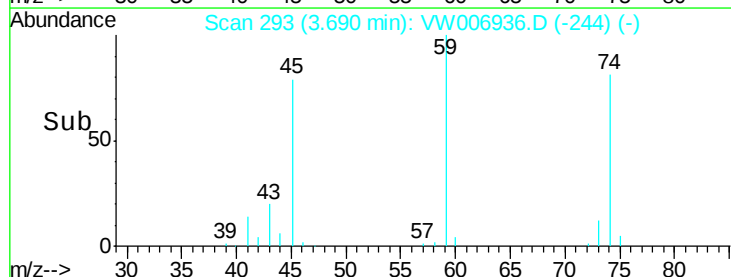
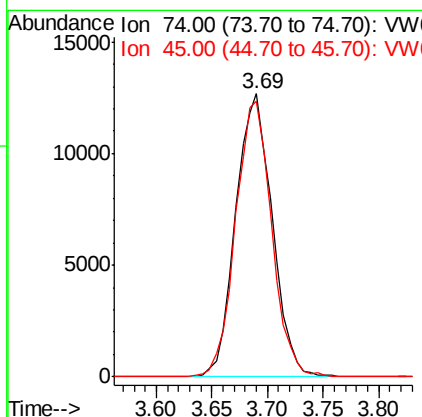
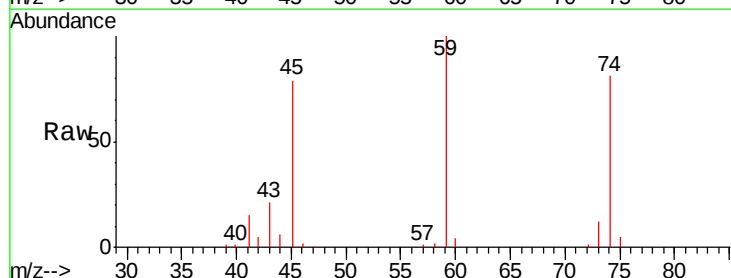
apatel  
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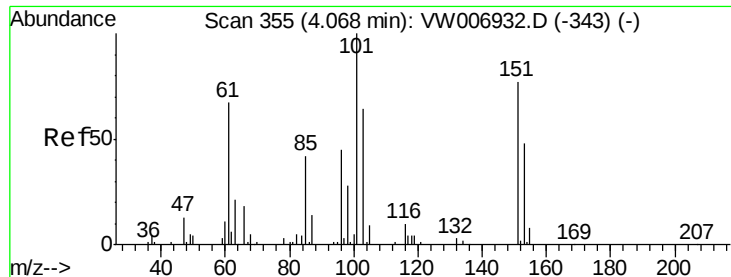


#8

Diethyl Ether  
 Concen: 43.99 ug/l  
 RT: 3.69 min Scan# 293  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Tgt Ion: 74 Resp: 28944  
 Ion Ratio Lower Upper  
 74 100  
 45 95.8 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.57 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

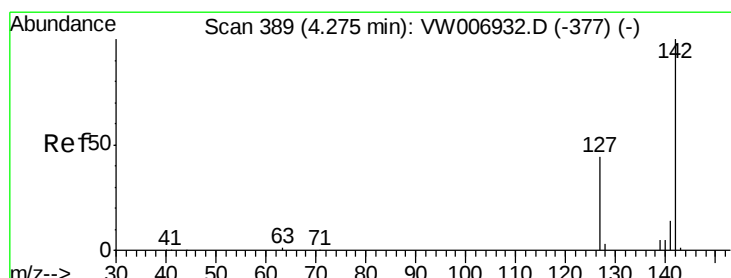
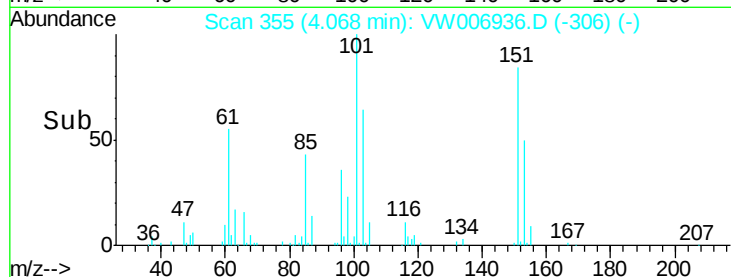
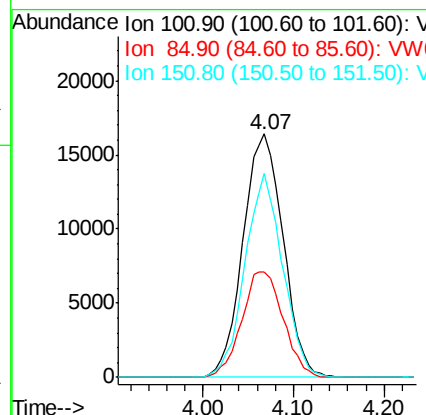
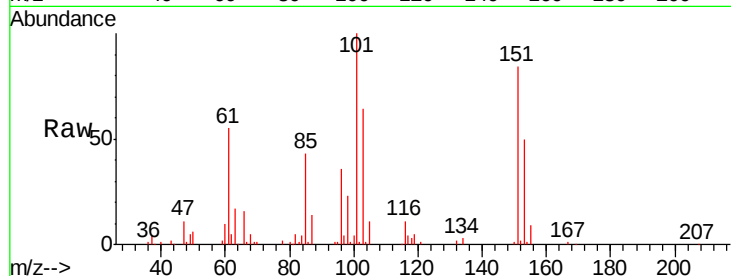
ClientSampleId :

ICVW111718

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 48808 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.5  | 34.5  | 51.7  |
| 151       | 78.5  | 61.5  | 92.3  |

Manual Integrations  
APPROVED

apatel  
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#10

Methyl Iodide

Concen: 49.17 ug/l

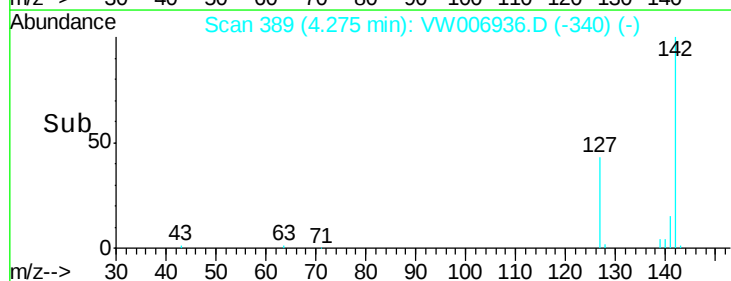
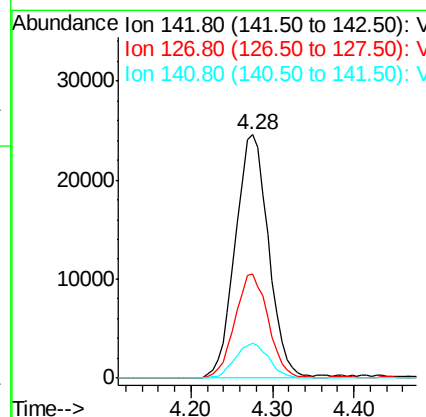
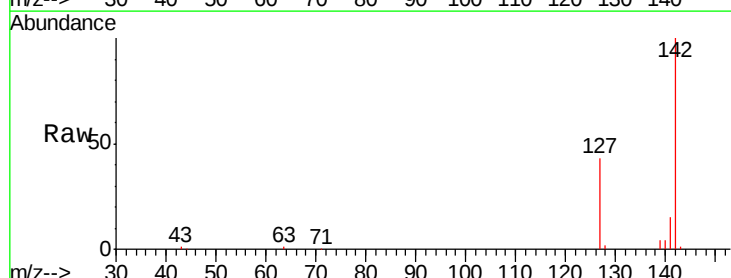
RT: 4.28 min Scan# 389

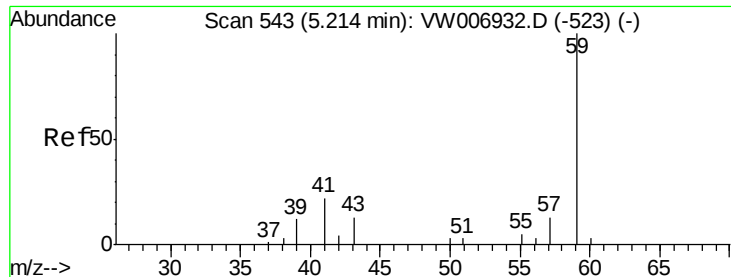
Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 71326 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 42.2  | 34.4  | 51.6  |
| 141       | 14.2  | 11.5  | 17.3  |





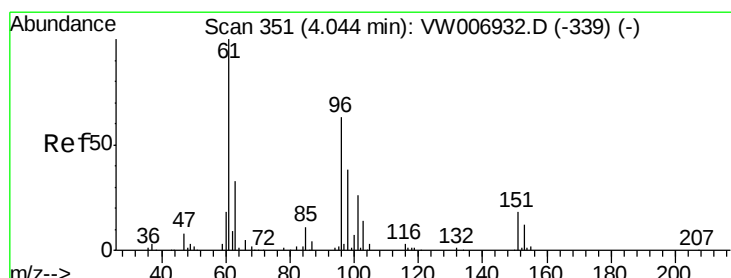
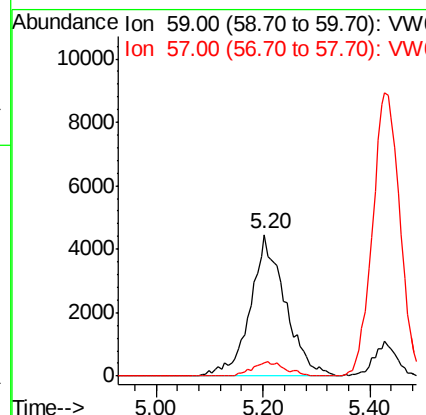
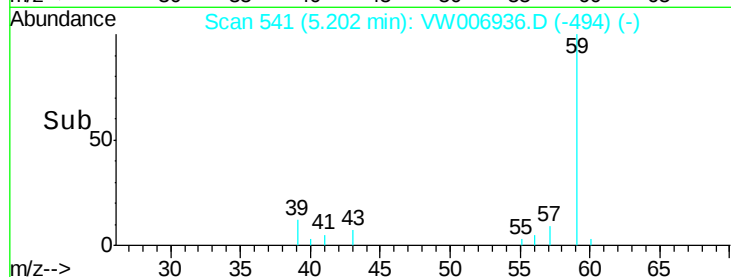
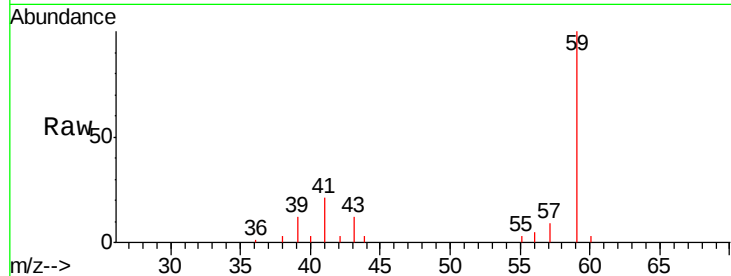
#11  
Tert butyl alcohol  
Concen: 207.72 ug/l m  
RT: 5.20 min Scan# 541  
Delta R.T. -0.01 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

Tgt Ion: 59 Resp: 20136  
Ion Ratio Lower Upper  
59 100  
57 9.5 8.8 13.2

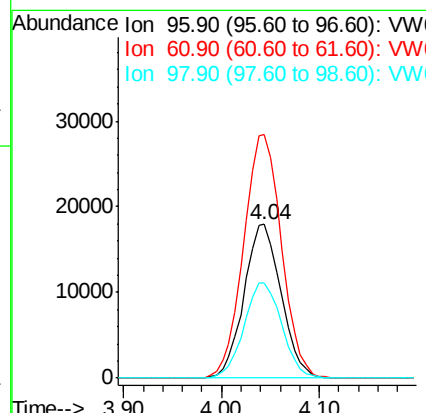
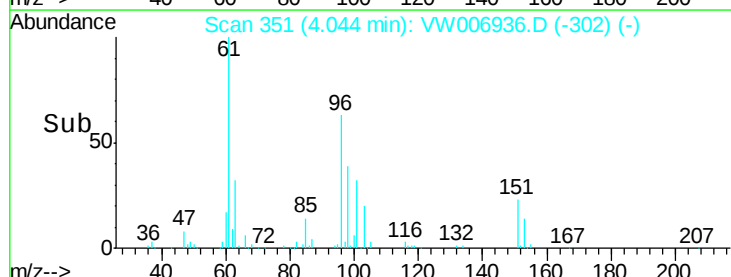
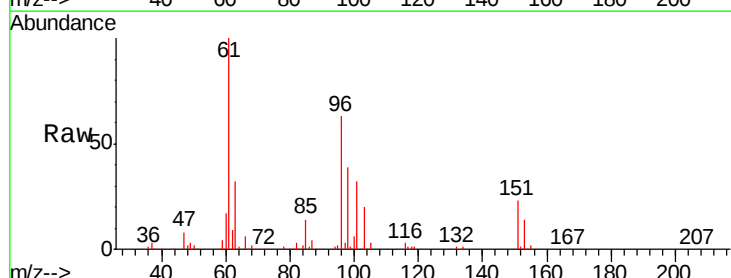
Manual Integrations  
APPROVED

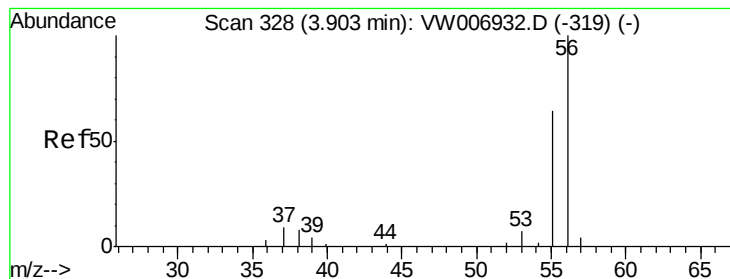
apatel  
11/19/2018 3:29:38 PM



#12  
1,1-Dichloroethene  
Concen: 44.00 ug/l  
RT: 4.04 min Scan# 351  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Tgt Ion: 96 Resp: 46347  
Ion Ratio Lower Upper  
96 100  
61 163.3 127.8 191.8  
98 62.7 48.3 72.5





#13

Acrolein

Concen: 224.32 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

ClientSampleId :

ICVWV111718

Tgt Ion: 56 Resp: 19717

Ion Ratio Lower Upper

56 100

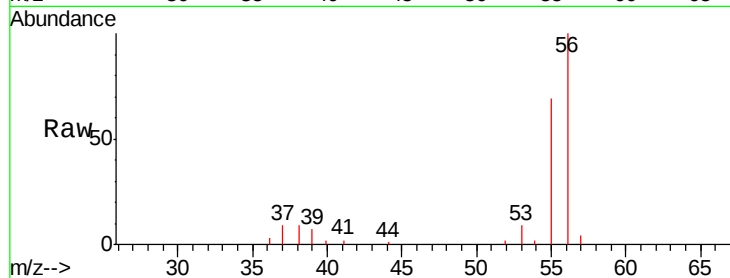
55 70.5 56.5 84.7

Manual Integrations

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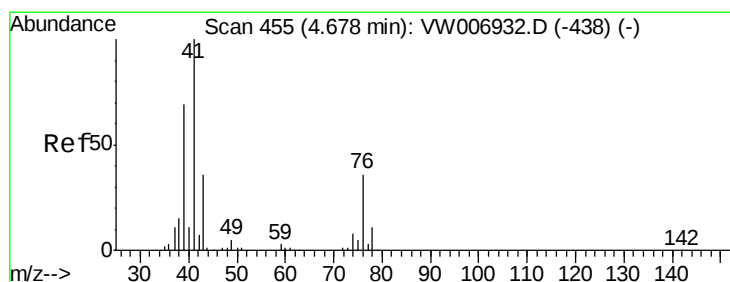
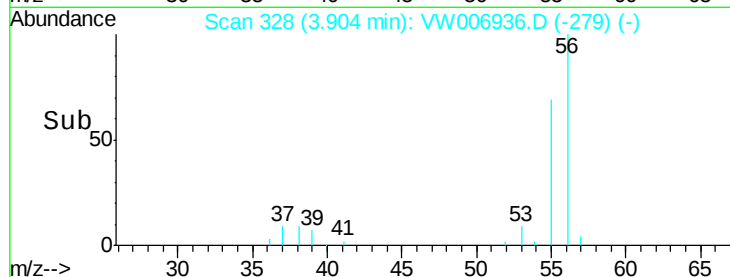
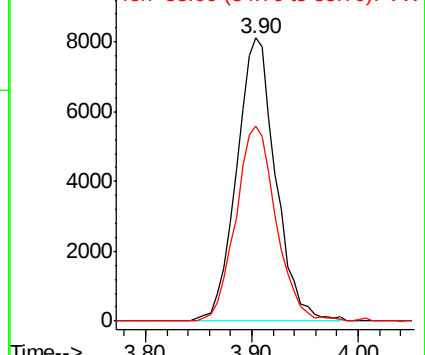
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 45.11 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

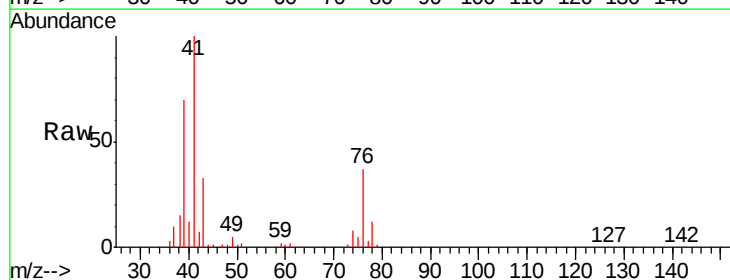
Tgt Ion: 41 Resp: 83598

Ion Ratio Lower Upper

41 100

39 69.9 55.0 82.4

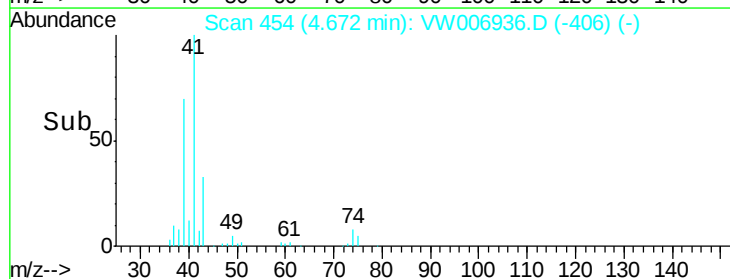
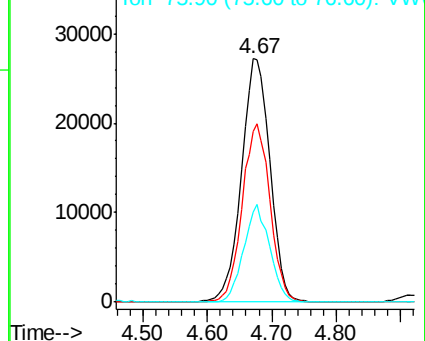
76 36.5 28.0 42.0

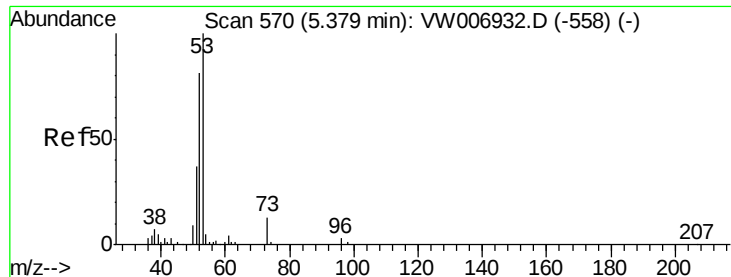


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 227.94 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

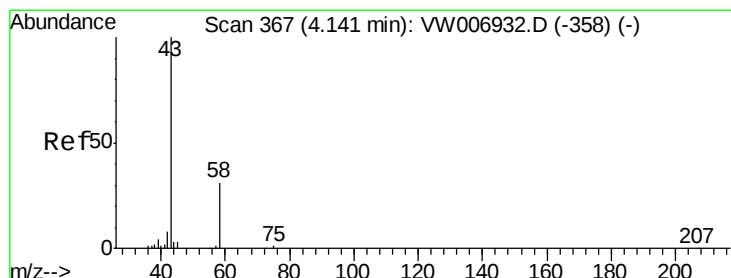
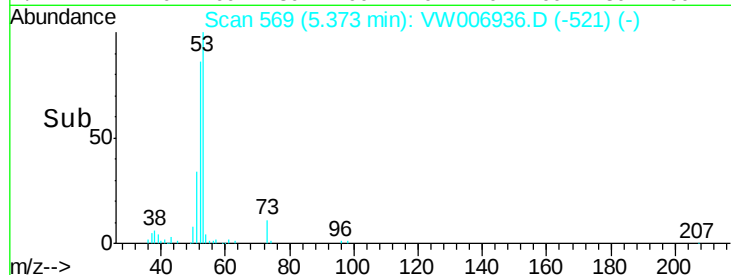
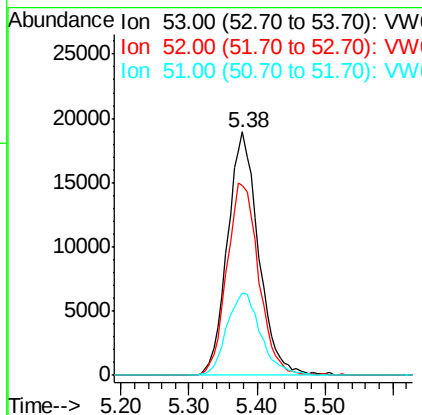
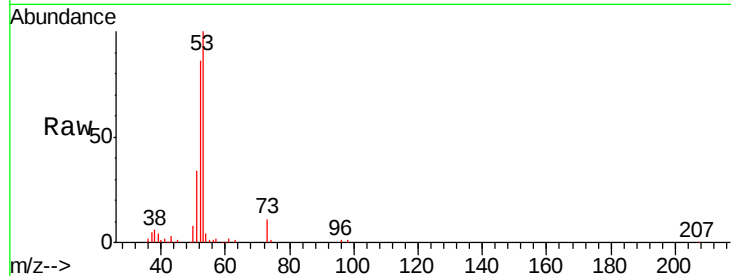
ClientSampleId :

ICVW111718

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 58367 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.1  | 67.0  | 100.6 |
| 51       | 37.8  | 29.8  | 44.6  |

Manual Integrations  
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apatel  
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#16

Acetone

Concen: 220.74 ug/l

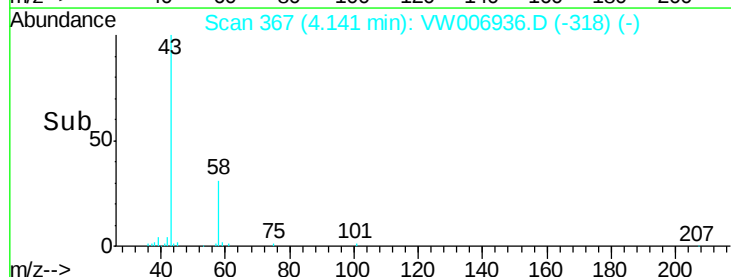
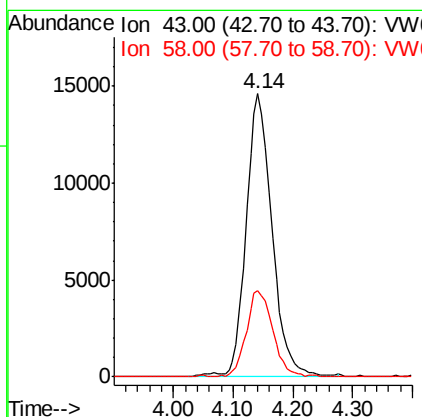
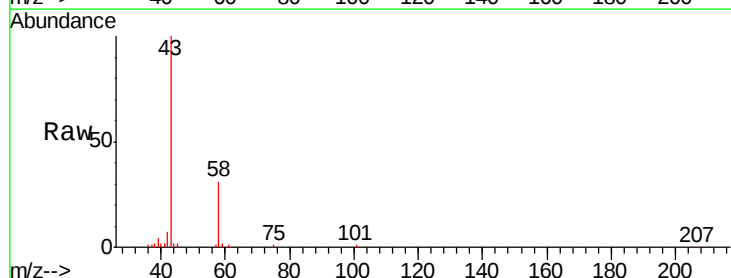
RT: 4.14 min Scan# 367

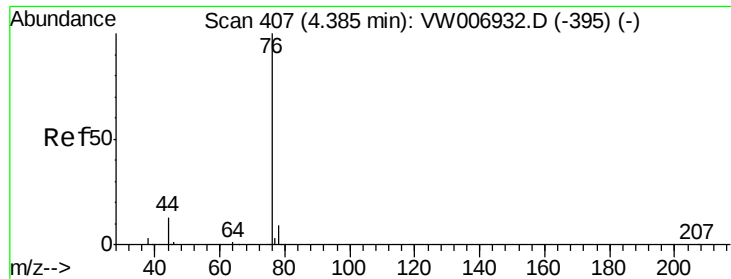
Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 43022 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.6  | 24.2  | 36.4  |





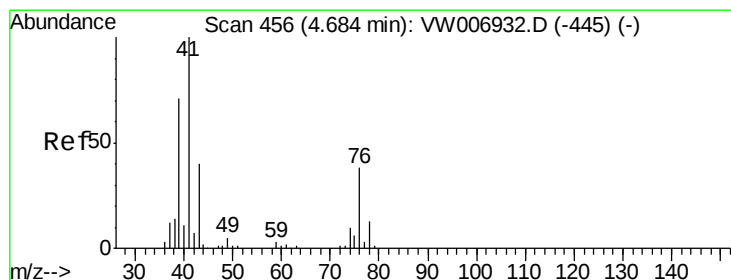
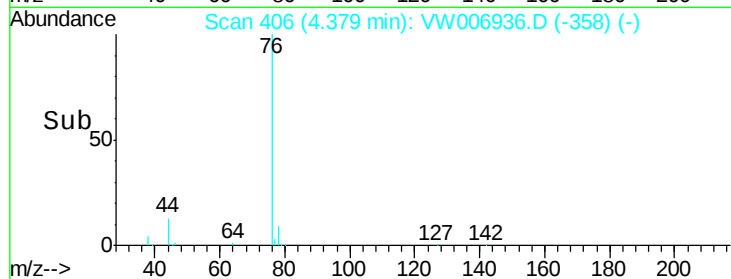
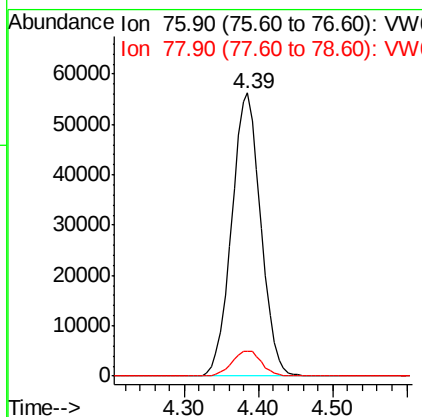
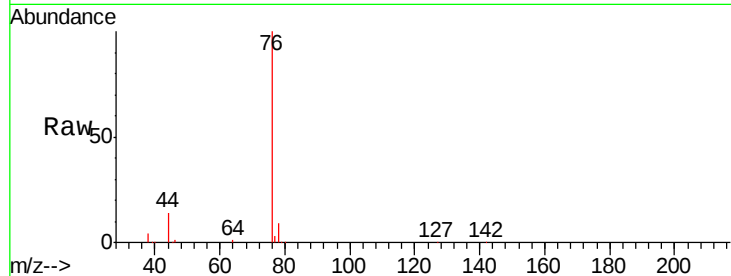
#17  
Carbon Disulfide  
Concen: 44.75 ug/l  
RT: 4.38 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.9   | 7.1   | 10.7  |

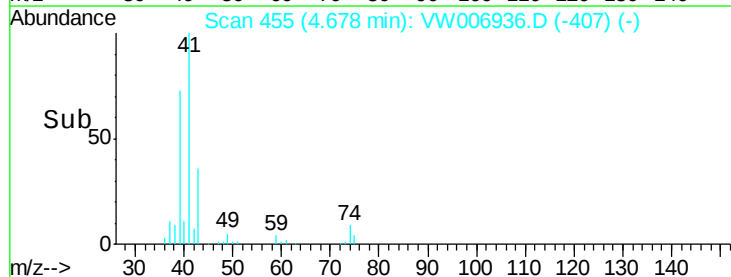
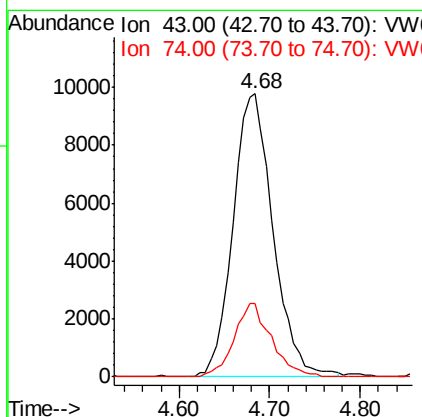
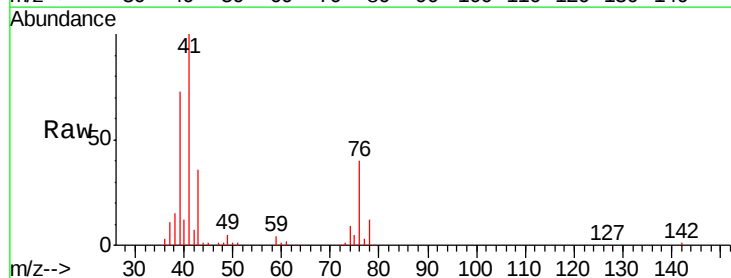
Manual Integrations  
APPROVED

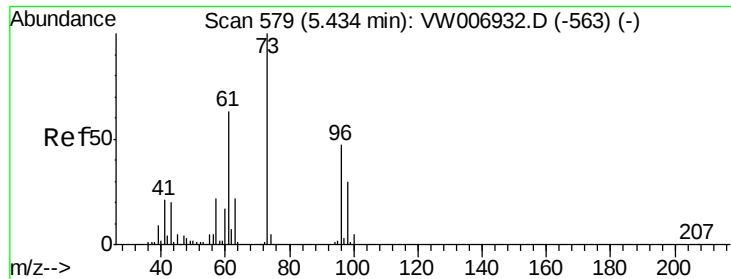
apatel  
11/19/2018 3:29:38 PM



#18  
Methyl Acetate  
Concen: 41.00 ug/l  
RT: 4.68 min Scan# 455  
Delta R.T. -0.01 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.5  | 20.3  | 30.5  |





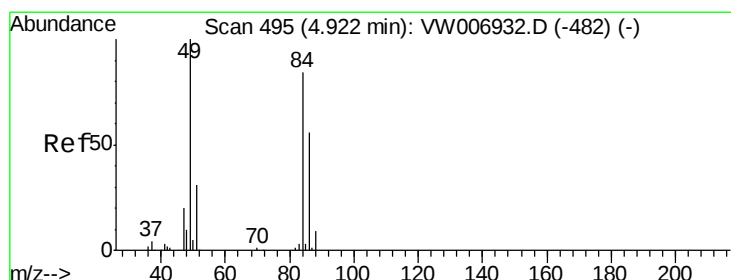
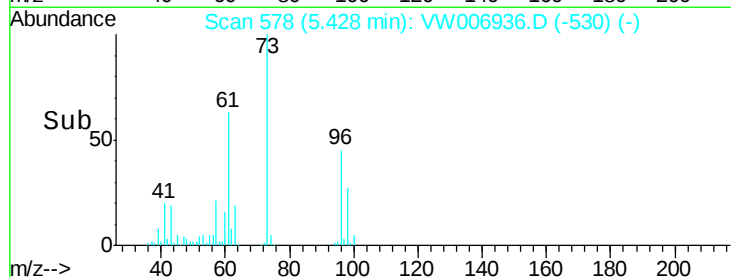
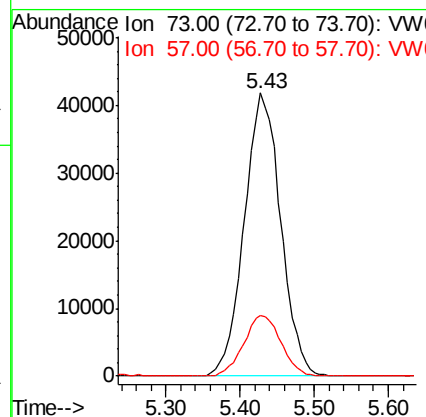
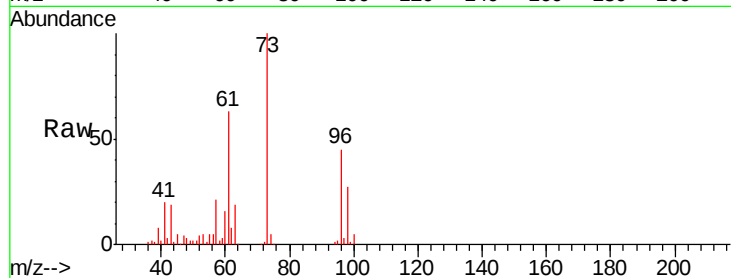
#19  
Methyl tert-butyl Ether  
Concen: 46.07 ug/l  
RT: 5.43 min Scan# 578  
Delta R.T. -0.01 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

Tgt Ion: 73 Resp: 142259  
Ion Ratio Lower Upper  
73 100  
57 21.8 17.5 26.3

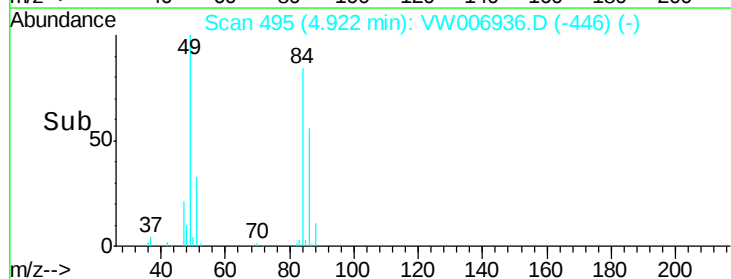
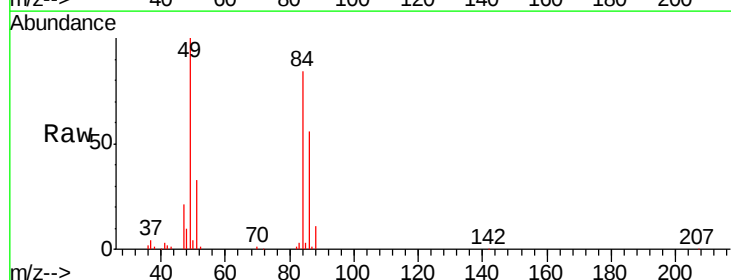
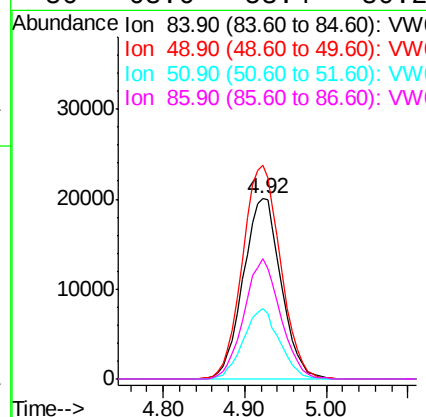
Manual Integrations  
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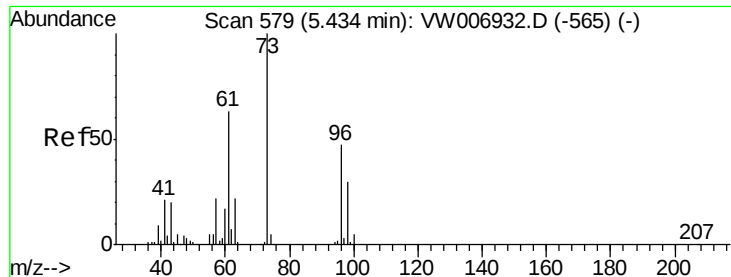
apatel  
11/19/2018 3:29:38 PM



#20  
Methylene Chloride  
Concen: 48.07 ug/l  
RT: 4.92 min Scan# 495  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Tgt Ion: 84 Resp: 64697  
Ion Ratio Lower Upper  
84 100  
49 121.4 95.4 143.2  
51 35.4 29.5 44.3  
86 63.6 53.4 80.2





#21

trans-1,2-Dichloroethene

Concen: 43.65 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

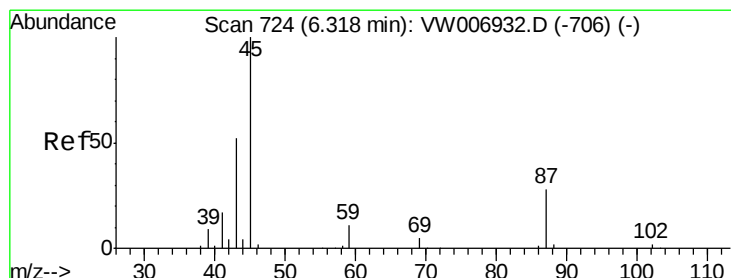
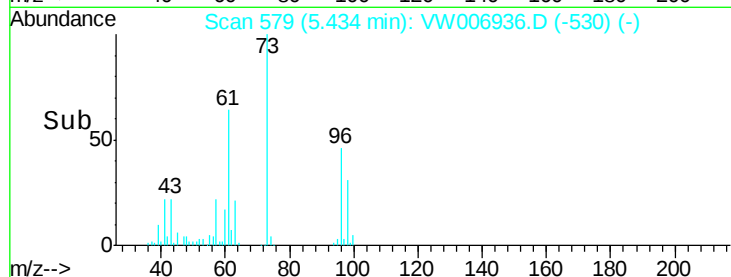
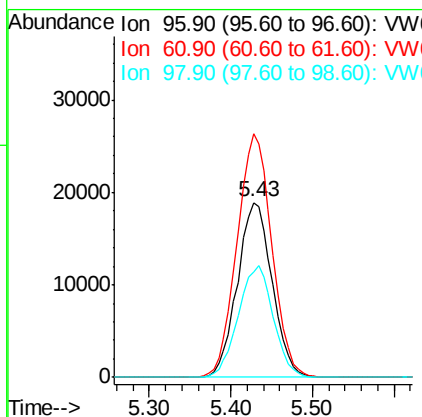
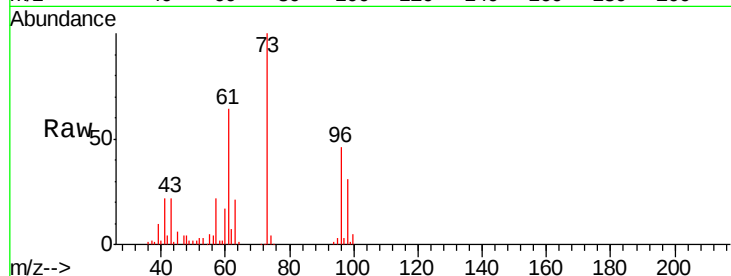
ClientSampleId :

ICVW111718

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 54850 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 136.9 | 108.2 | 162.4 |
| 98       | 62.1  | 50.6  | 76.0  |

Manual Integrations  
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apatel  
11/19/2018 3:29:38 PM



#22

Diisopropyl ether

Concen: 45.39 ug/l

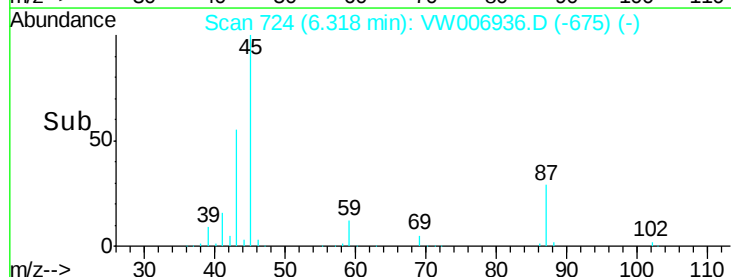
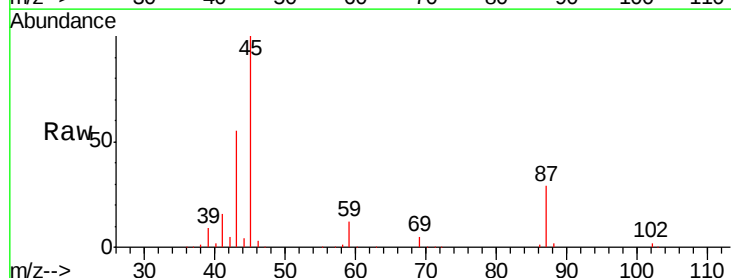
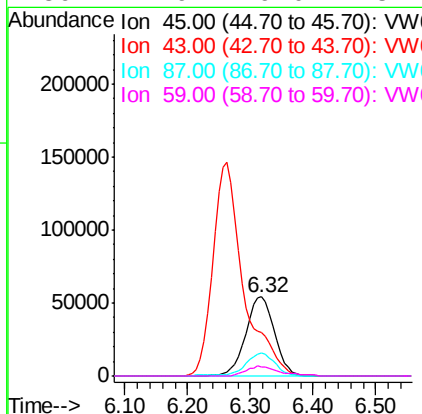
RT: 6.32 min Scan# 724

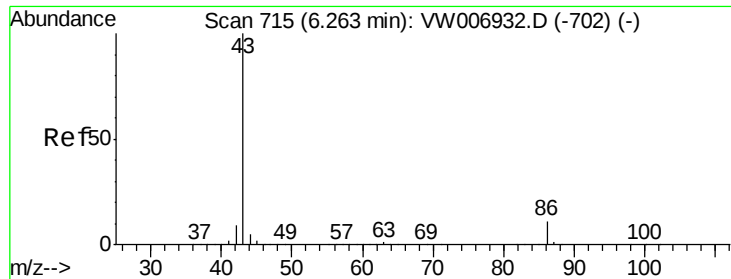
Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 171677 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 52.7  | 43.1  | 64.7   |
| 87       | 28.2  | 22.7  | 34.1   |
| 59       | 11.9  | 9.0   | 13.4   |





#23

Vinyl Acetate

Concen: 230.62 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

ClientSampleId :

ICVW111718

Tgt Ion: 43 Resp: 483049

Ion Ratio Lower Upper

43 100

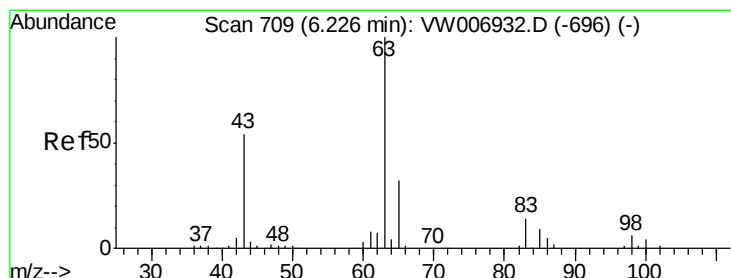
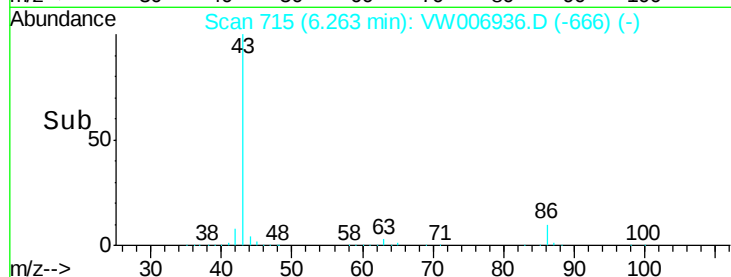
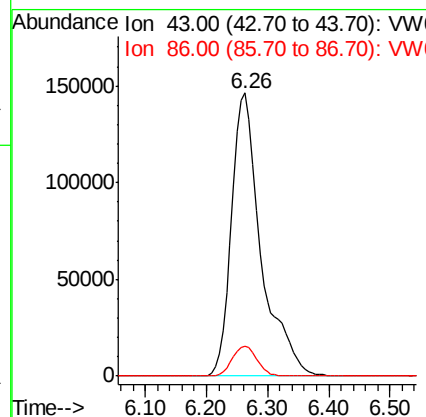
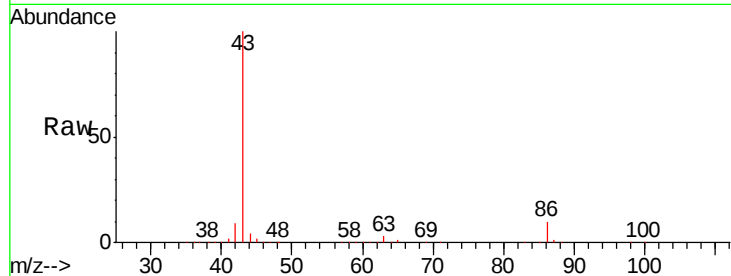
86 10.8 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.00 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

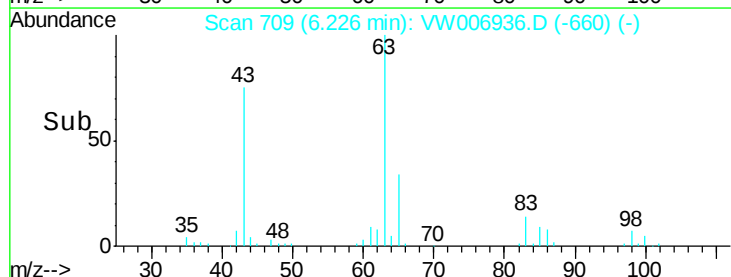
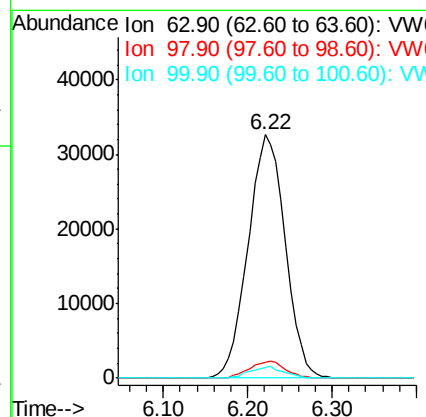
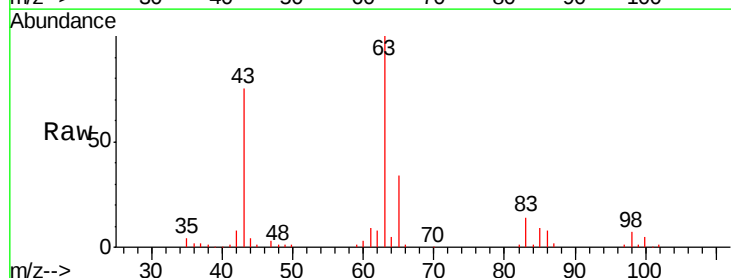
Tgt Ion: 63 Resp: 100194

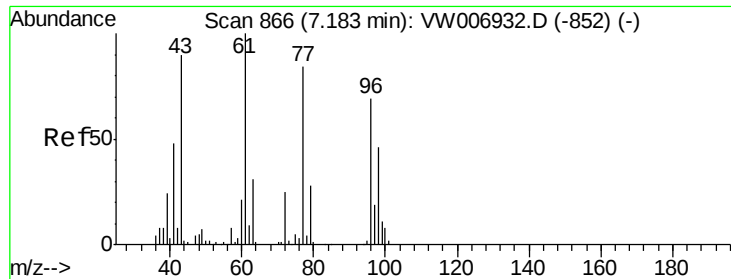
Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 220.35 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

ClientSampleId :

ICVW111718

Tgt Ion: 43 Resp: 71323

Ion Ratio Lower Upper

43 100

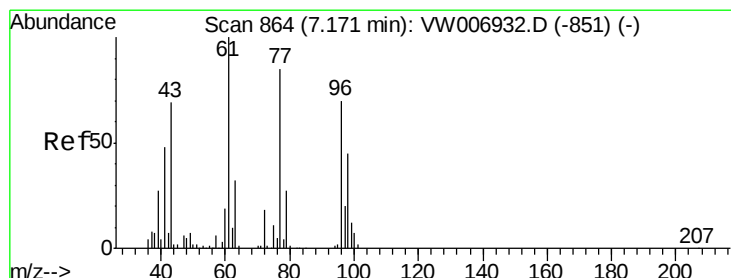
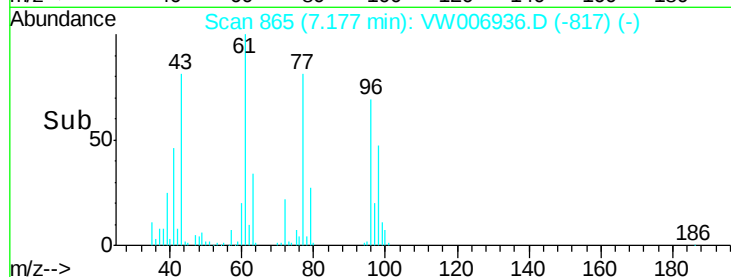
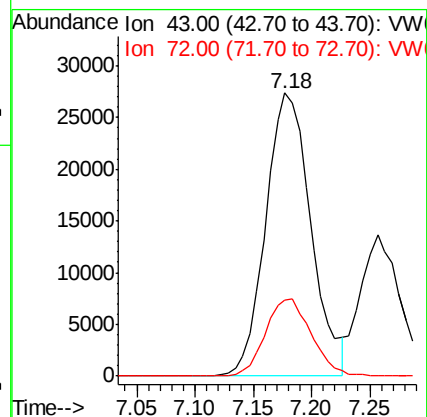
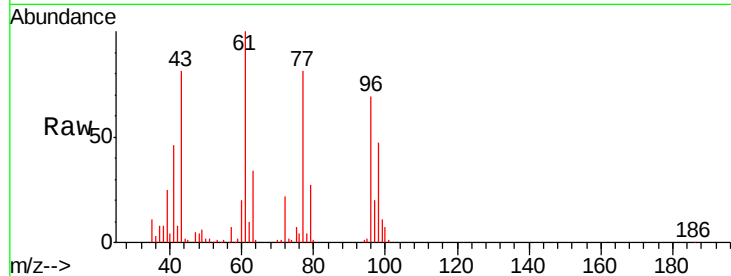
72 27.0 22.1 33.1

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#26

2,2-Dichloropropane

Concen: 43.90 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006936.D

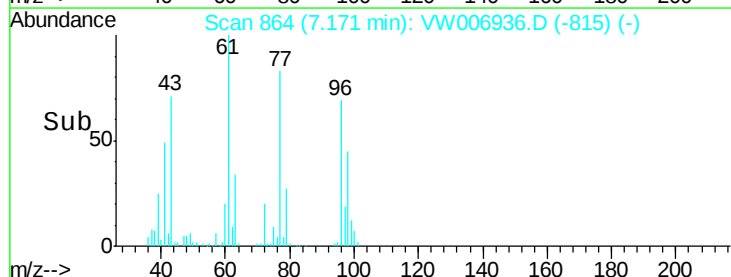
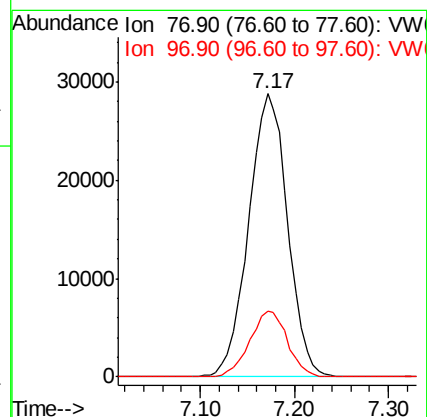
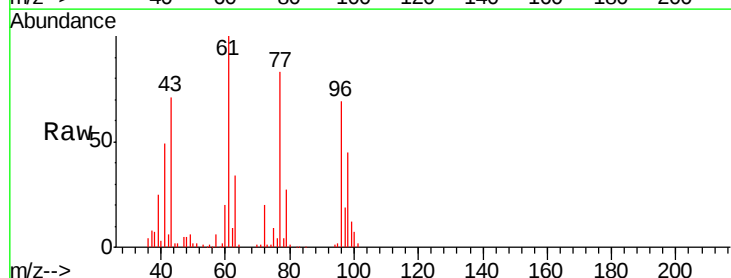
Acq: 17 Nov 2018 01:51

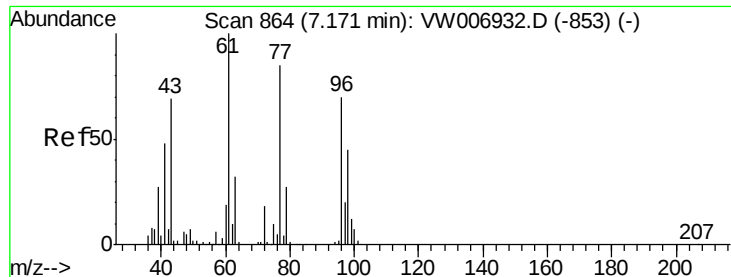
Tgt Ion: 77 Resp: 83425

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 45.69 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

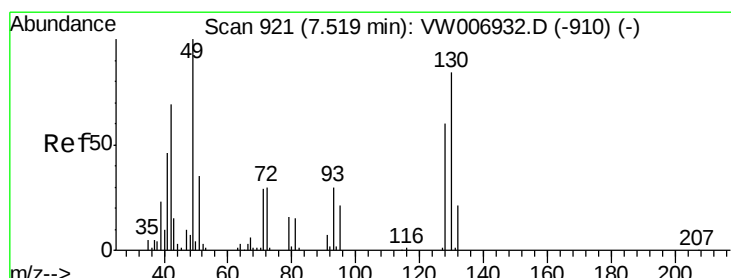
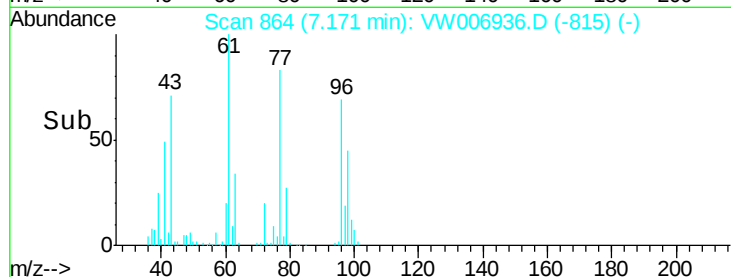
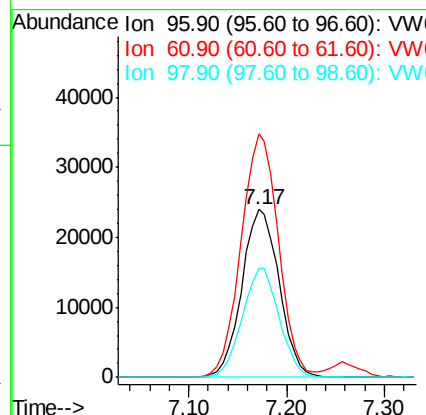
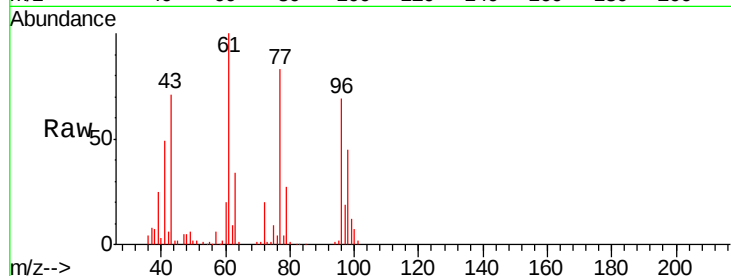
ClientSampleId :

ICVW111718

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 63830 |       |       |
| 61      | 145.4 | 0.0   | 293.8 |       |
| 98      | 64.3  | 0.0   | 131.0 |       |

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#28

Bromochloromethane

Concen: 47.17 ug/l

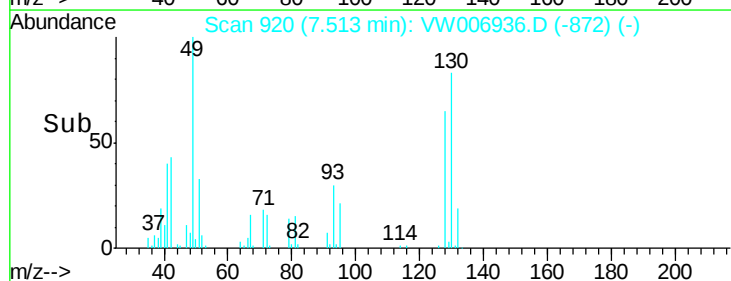
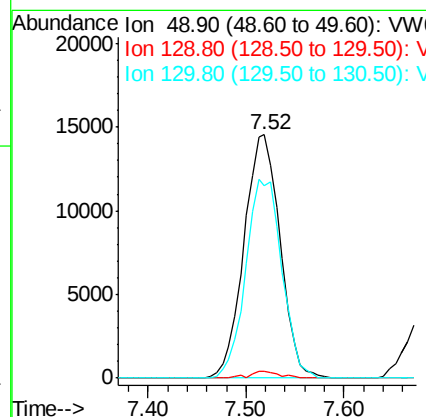
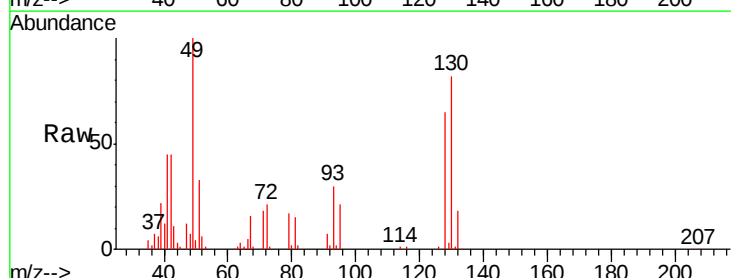
RT: 7.51 min Scan# 920

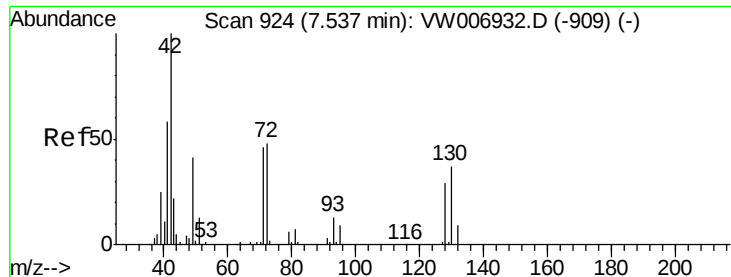
Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 37731 |       |       |
| 129     | 2.6   | 0.0   | 1.6#  |       |
| 130     | 80.9  | 66.1  | 99.1  |       |





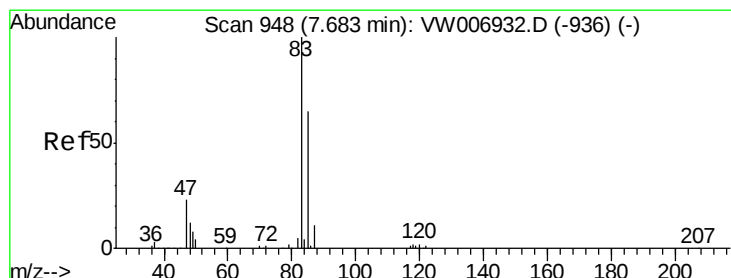
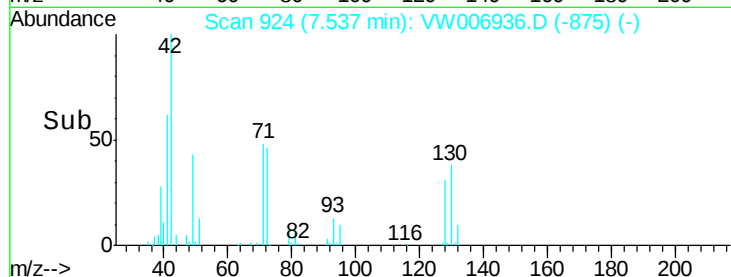
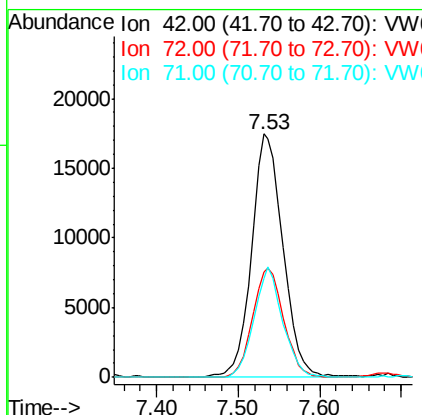
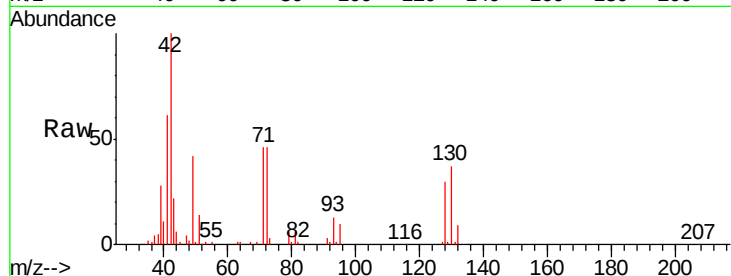
#29  
Tetrahydrofuran  
Concen: 217.98 ug/l  
RT: 7.54 min Scan# 924  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.5  | 35.7  | 53.5  |
| 71      | 41.5  | 33.7  | 50.5  |

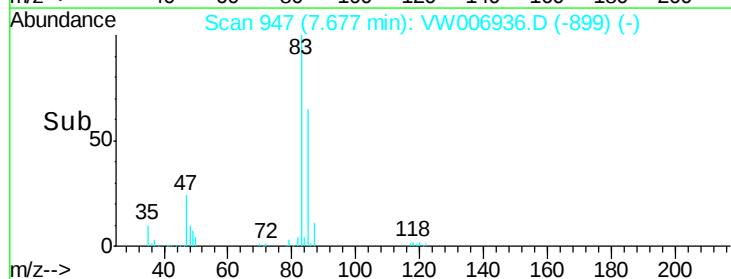
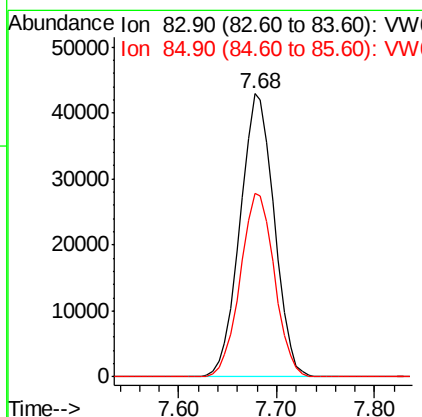
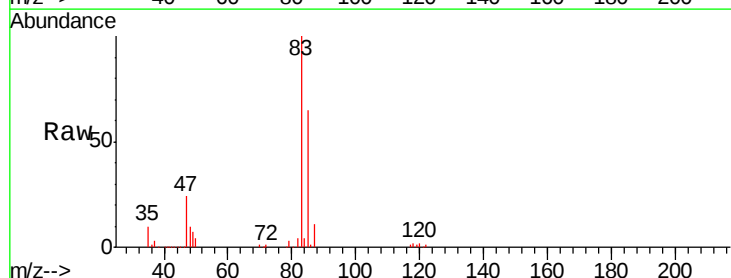
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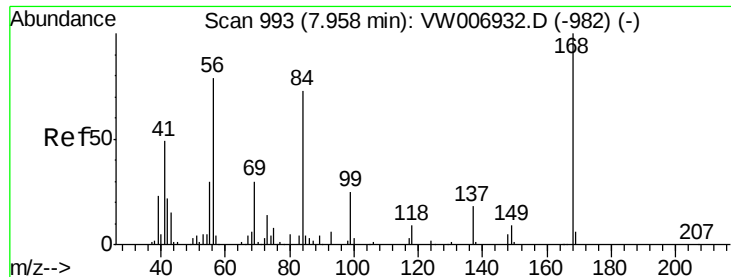
apatel  
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#30  
Chloroform  
Concen: 44.26 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. -0.01 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.4  | 52.2  | 78.4  |





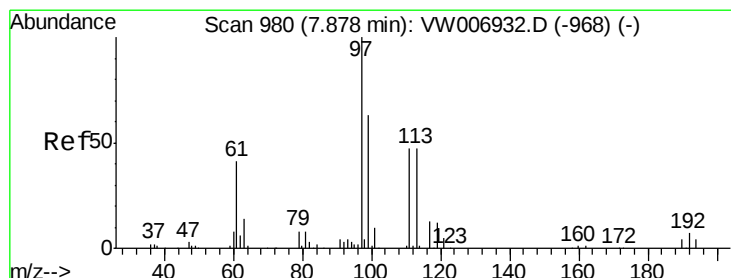
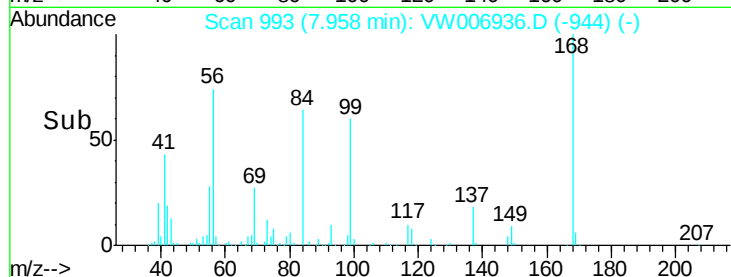
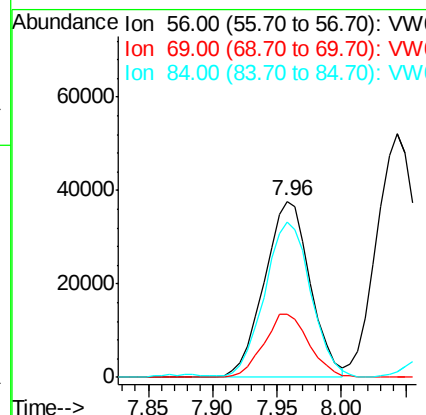
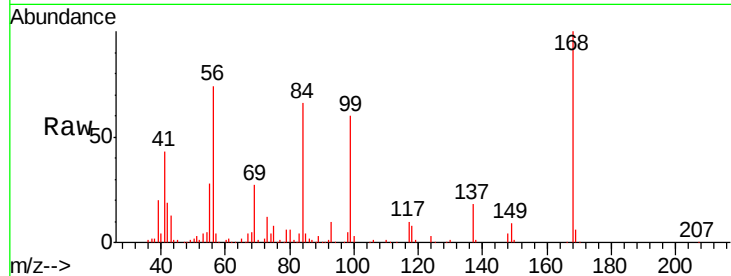
#31  
Cyclohexane  
Concen: 41.72 ug/l  
RT: 7.96 min Scan# 993  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 34.2  | 30.2  | 45.2  |
| 84      | 86.9  | 73.6  | 110.4 |

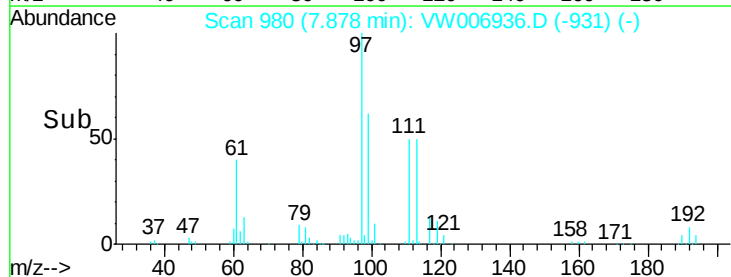
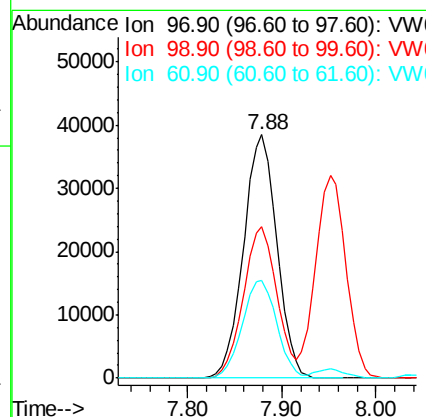
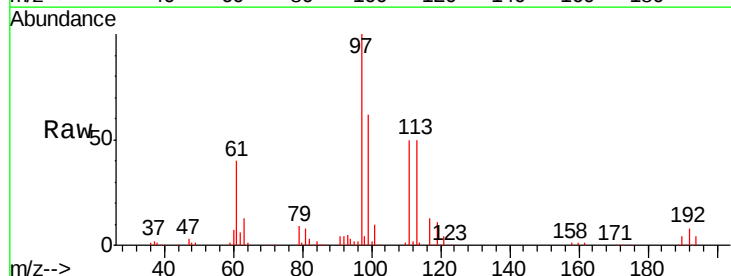
Manual Integrations  
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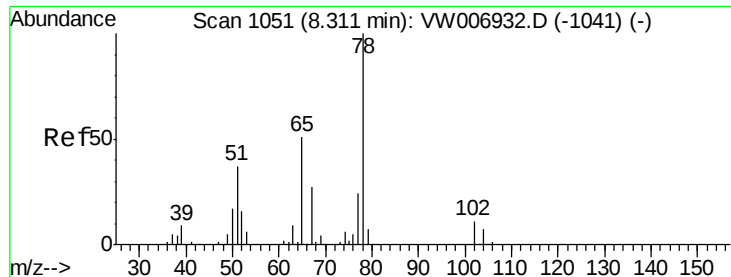
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#32  
1,1,1-Trichloroethane  
Concen: 45.10 ug/l  
RT: 7.88 min Scan# 980  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.5  | 51.0  | 76.6  |
| 61      | 42.6  | 34.2  | 51.2  |





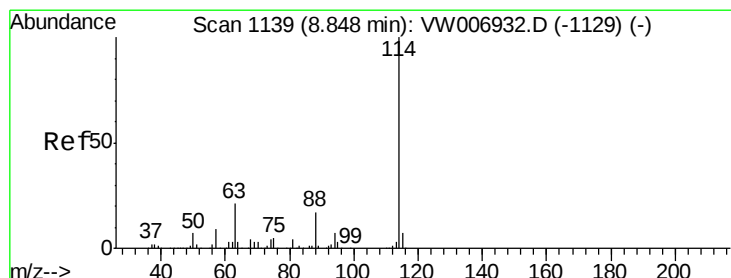
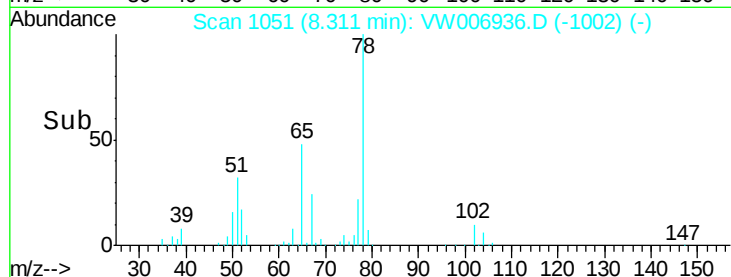
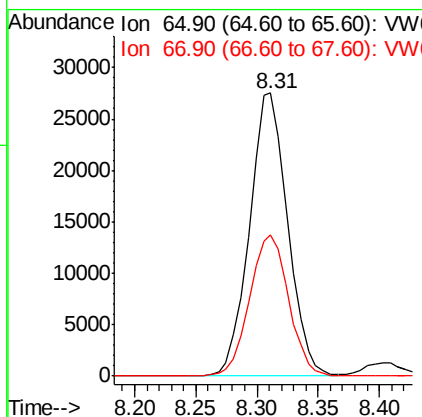
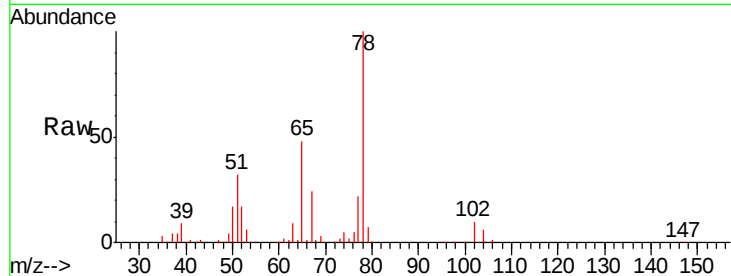
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.92 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW111718

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 61056 |       |       |
| 67      | 52.3  | 0.0   | 104.0 |       |

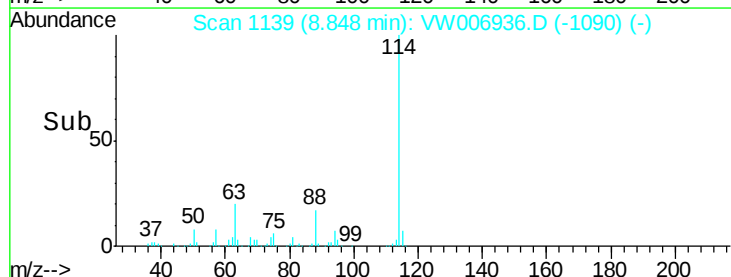
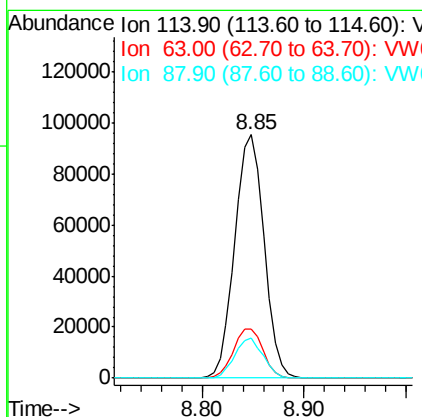
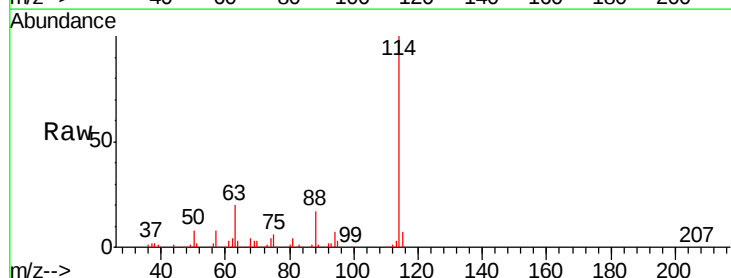
Manual Integrations  
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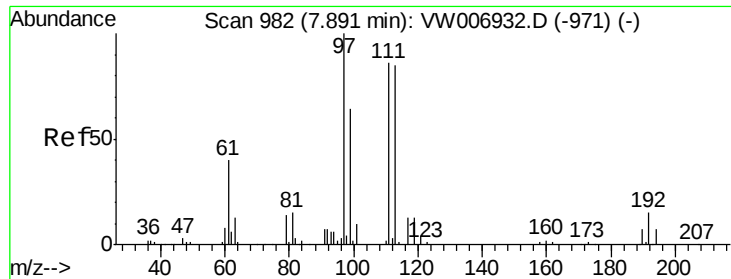
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 186466 |       |       |
| 63      | 19.6  | 0.0    | 42.2  |       |
| 88      | 15.8  | 0.0    | 33.4  |       |





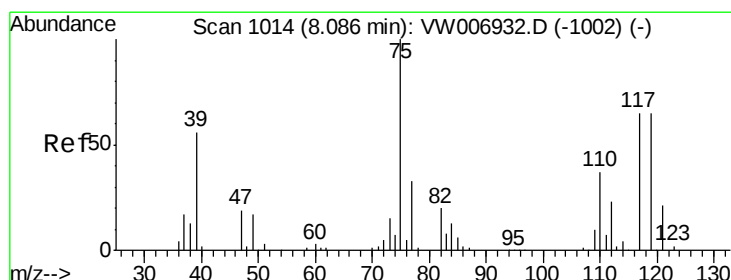
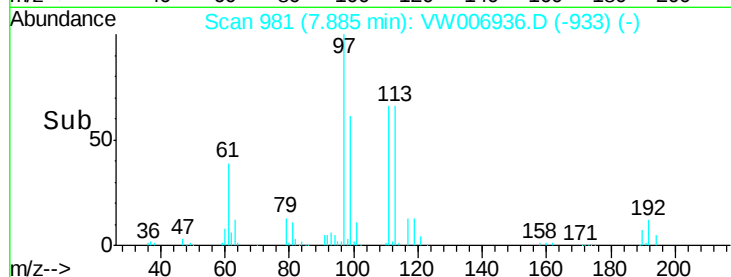
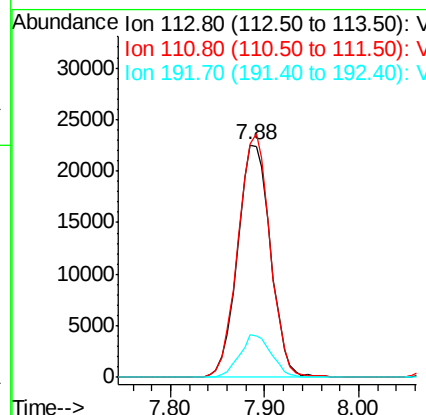
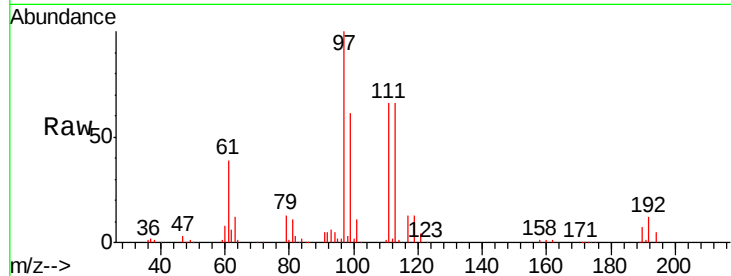
#35  
 Dibromofluoromethane  
 Concen: 51.30 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.01 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW111718

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 56014 |       |       |
| 111     | 101.4 | 81.7  | 122.5 |       |
| 192     | 18.0  | 13.9  | 20.9  |       |

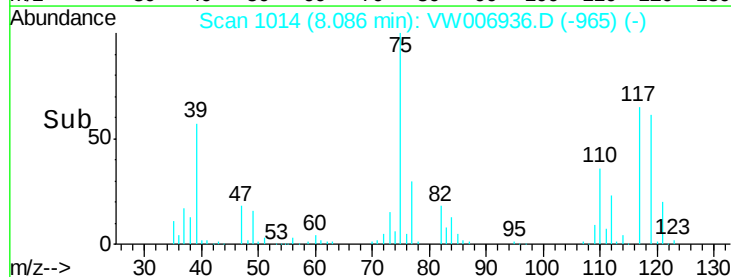
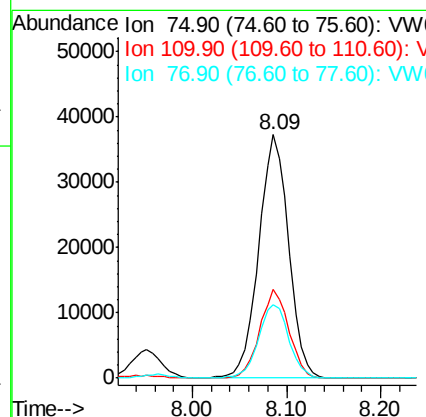
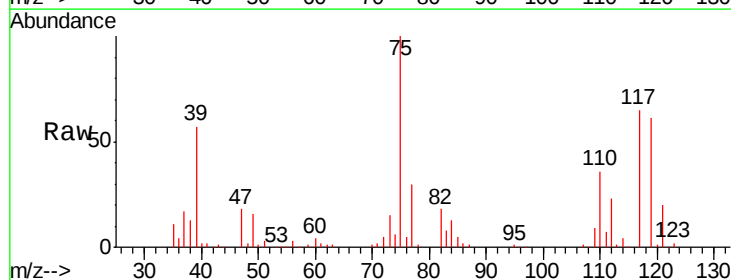
Manual Integrations  
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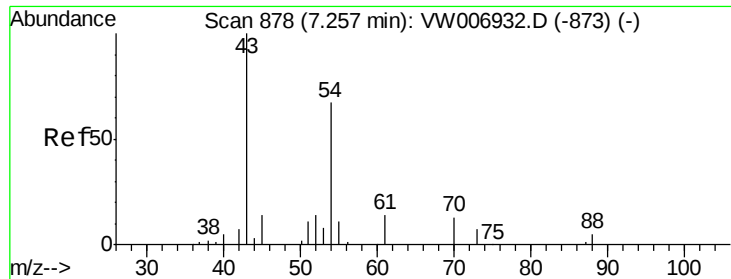
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#36  
 1,1-Dichloropropene  
 Concen: 46.48 ug/l  
 RT: 8.09 min Scan# 1014  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 82560 |       |       |
| 110     | 35.6  | 18.1  | 54.1  |       |
| 77      | 30.4  | 25.4  | 38.0  |       |





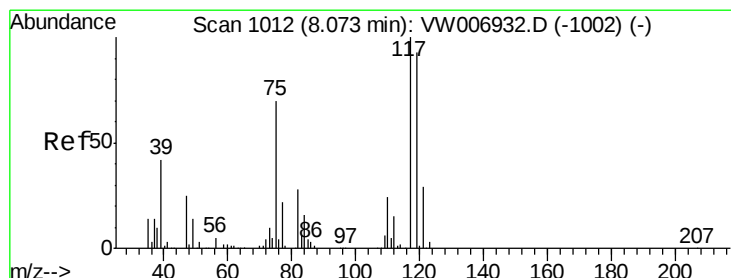
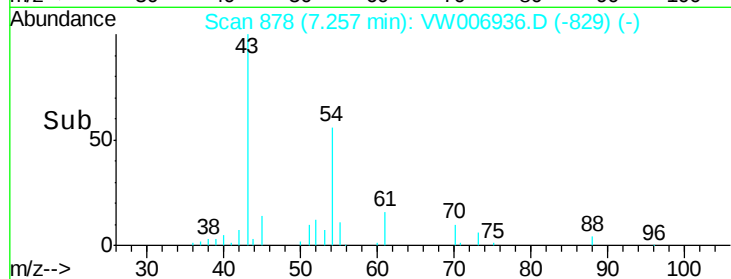
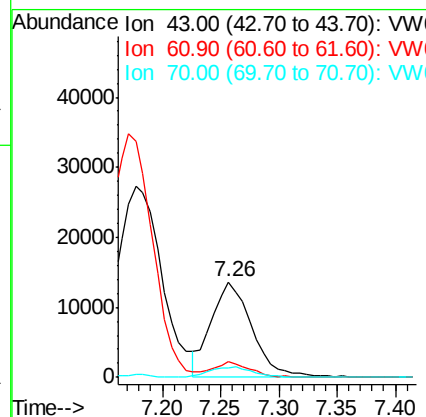
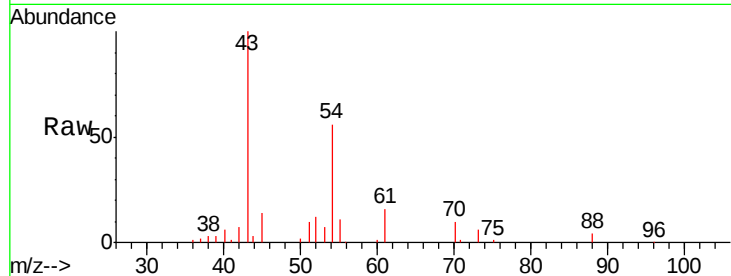
#37  
 Ethyl Acetate  
 Concen: 43.28 ug/l  
 RT: 7.26 min Scan# 878  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW111718

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.4  | 11.0  | 16.6  |
| 70      | 11.7  | 8.8   | 13.2  |

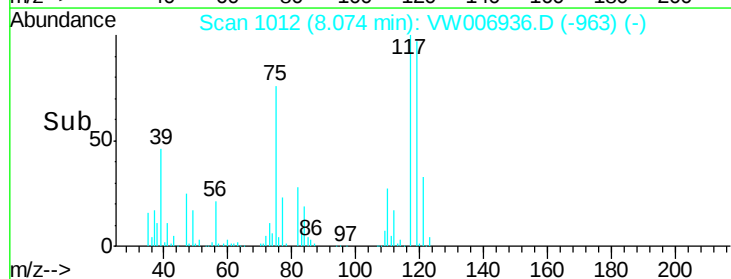
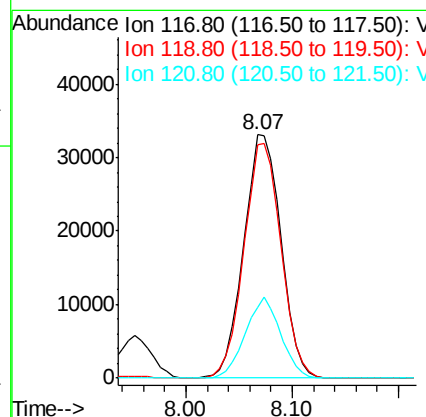
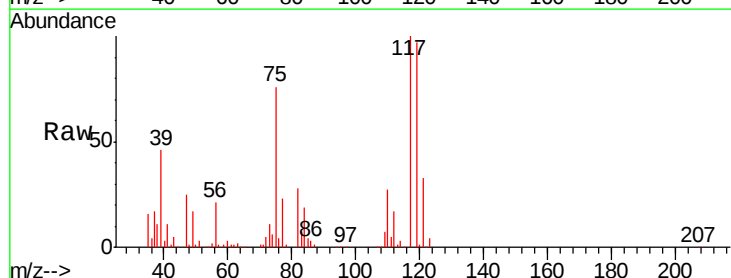
Manual Integrations  
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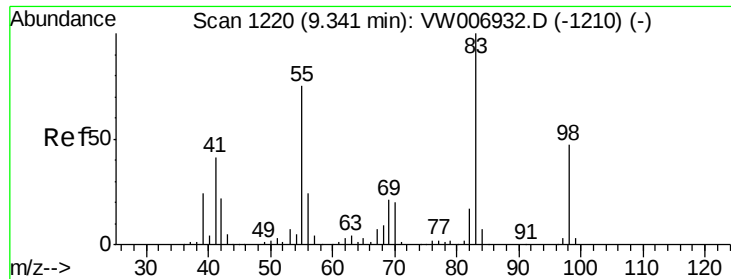
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#38  
 Carbon Tetrachloride  
 Concen: 45.77 ug/l  
 RT: 8.07 min Scan# 1012  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 100.0 | 74.2  | 111.4 |
| 121     | 31.0  | 23.5  | 35.3  |





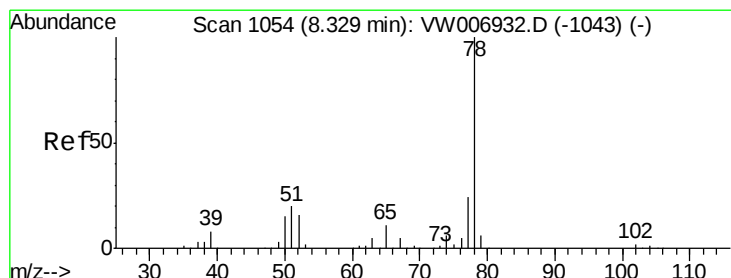
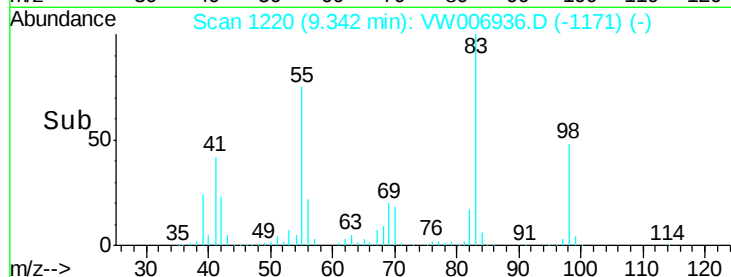
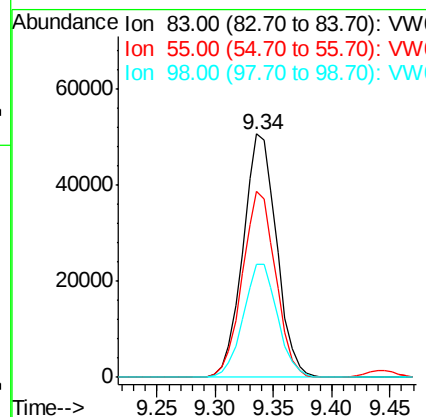
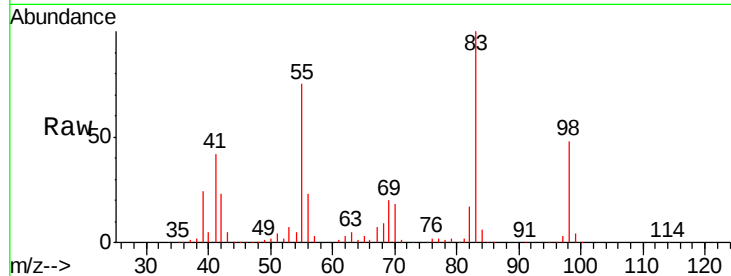
#39  
Methylcyclohexane  
Concen: 44.32 ug/l  
RT: 9.34 min Scan# 1220  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 71.6  | 60.2  | 90.4  |
| 98      | 45.6  | 37.3  | 55.9  |

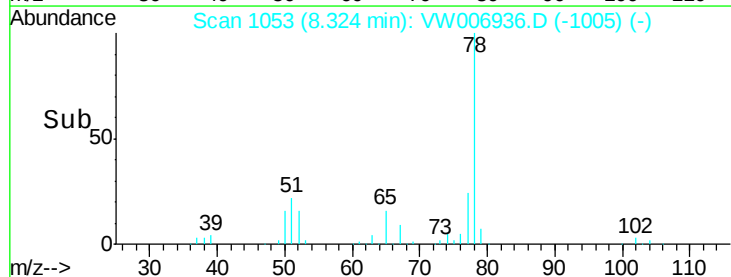
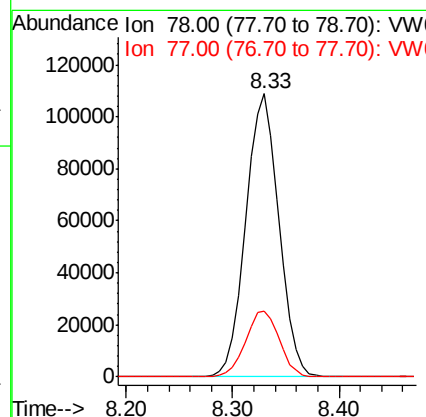
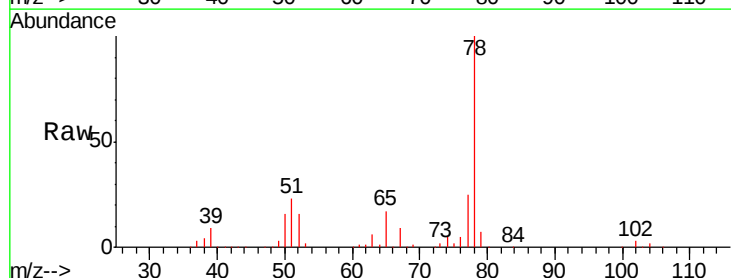
Manual Integrations  
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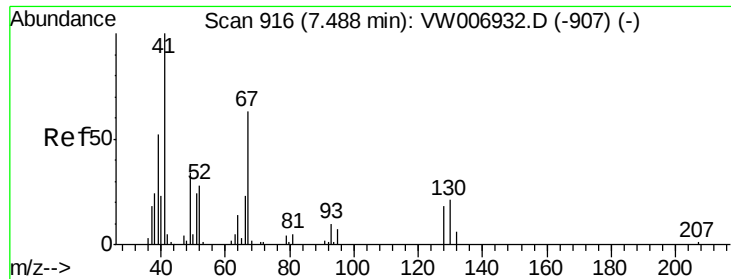
apatel  
11/19/2018 3:29:38 PM



#40  
Benzene  
Concen: 47.23 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 19.3  | 28.9  |





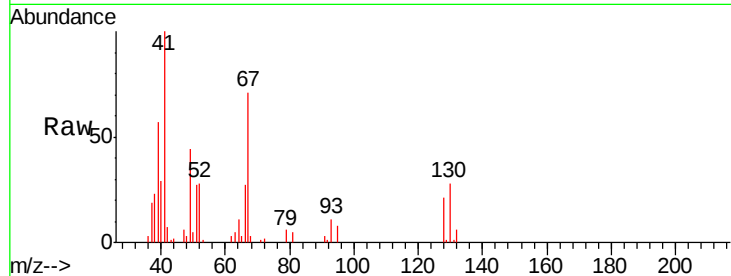
#41  
Methacrylonitrile  
Concen: 44.08 ug/l  
RT: 7.49 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

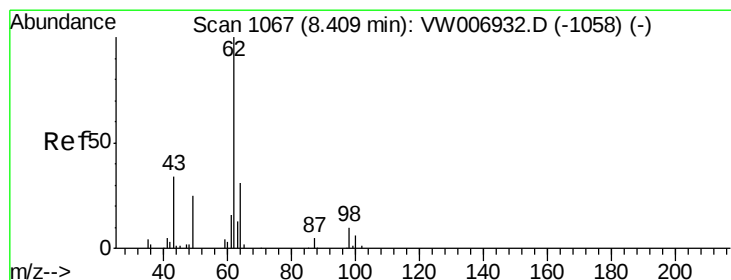
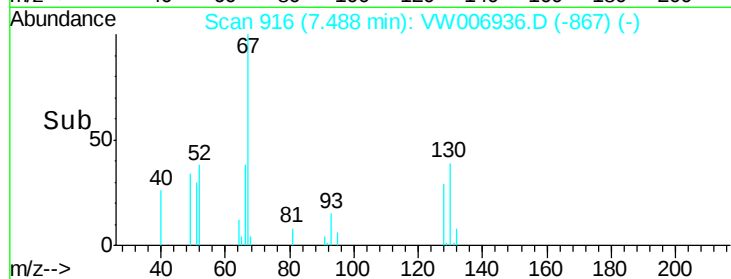
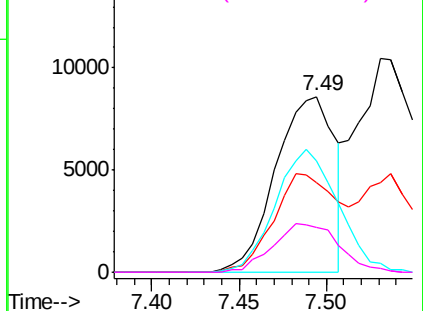
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 54.0  | 41.8  | 62.6  |
| 67      | 70.6  | 54.7  | 82.1  |
| 52      | 31.7  | 23.8  | 35.8  |

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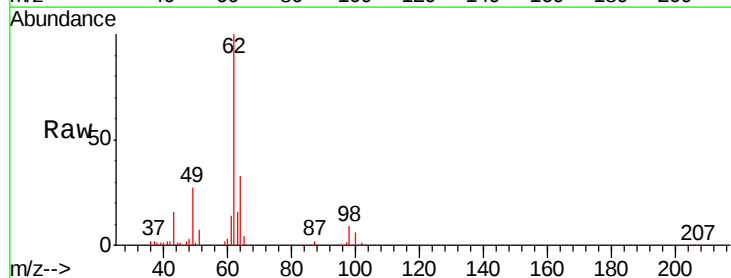


Abundance Ion 41.00 (40.70 to 41.70): VW  
Ion 39.00 (38.70 to 39.70): VW  
Ion 67.00 (66.70 to 67.70): VW  
Ion 52.00 (51.70 to 52.70): VW

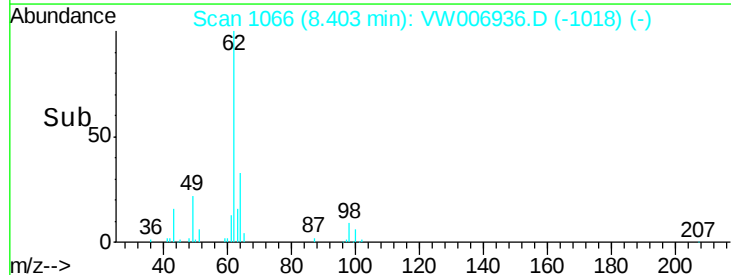
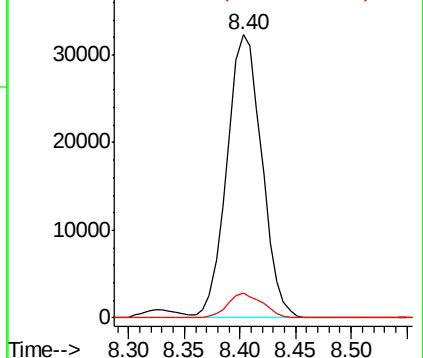


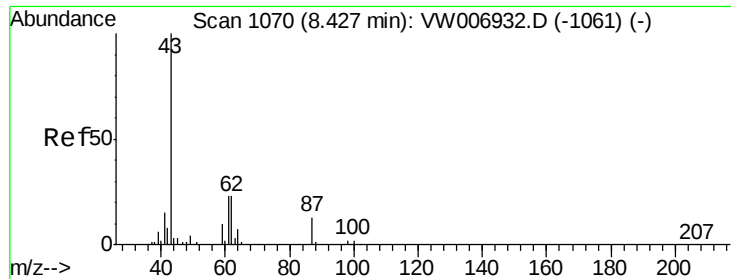
#42  
1,2-Dichloroethane  
Concen: 46.09 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. -0.01 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.0   | 0.0   | 18.2  |



Abundance Ion 61.90 (61.60 to 62.60): VW  
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 45.66 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

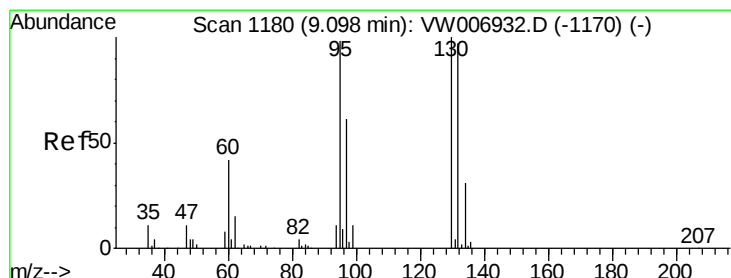
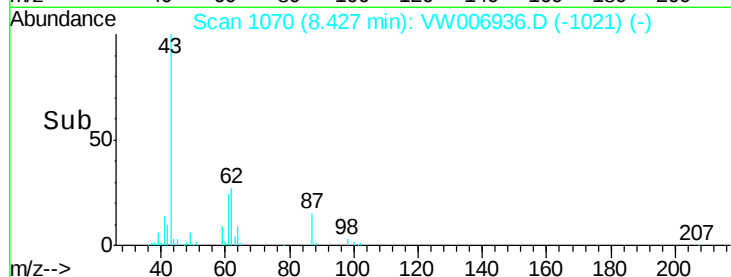
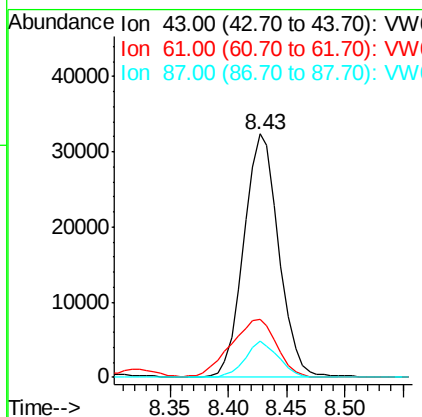
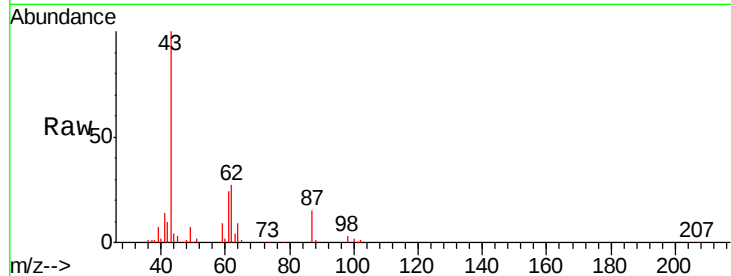
ClientSampleId :

ICVW111718

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 66165 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 31.5  | 24.6  | 37.0  |
| 87       | 13.9  | 11.0  | 16.6  |

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#44

Trichloroethene

Concen: 47.11 ug/l

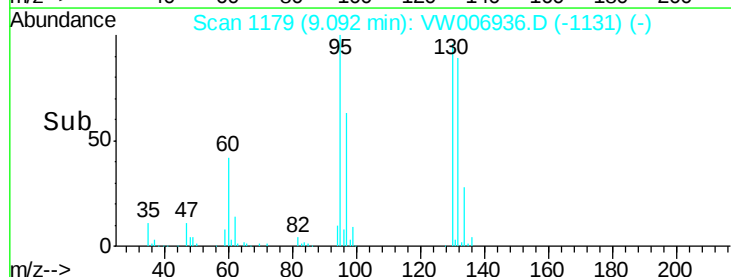
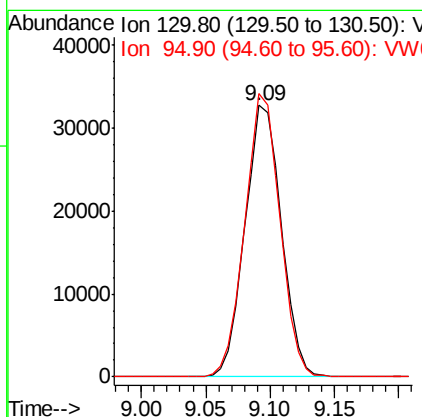
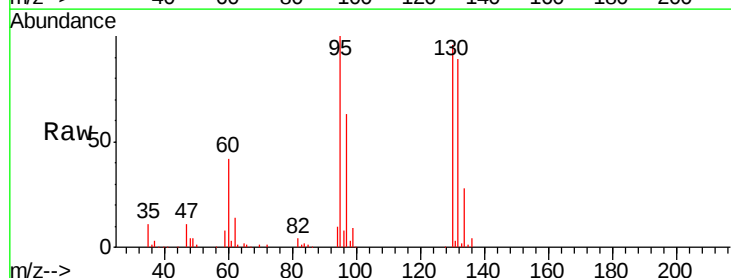
RT: 9.09 min Scan# 1179

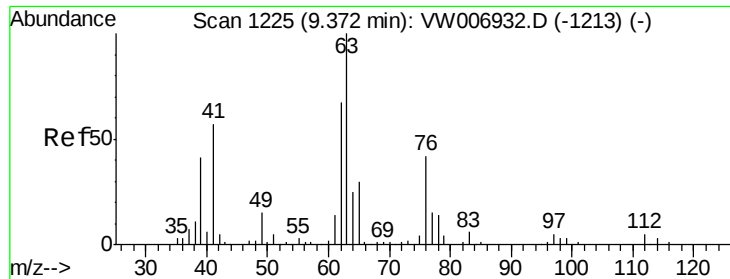
Delta R.T. -0.01 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 63597 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 100.7 | 0.0   | 196.4 |





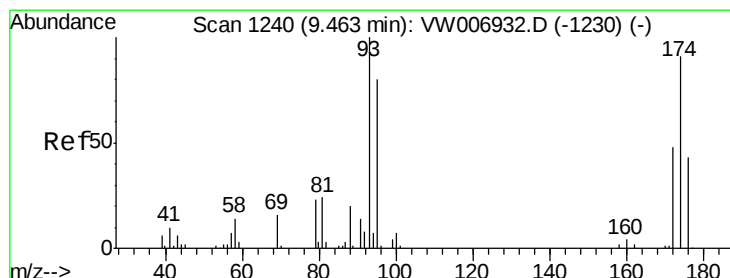
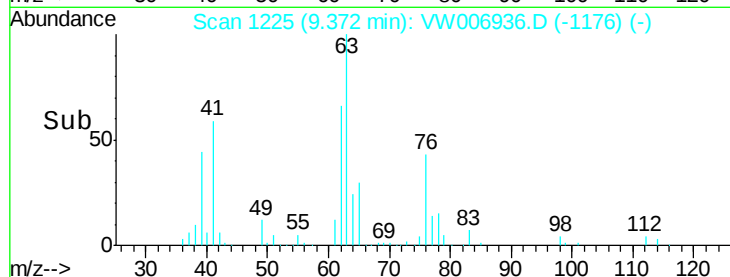
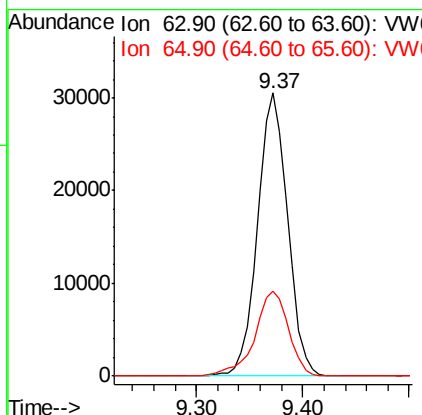
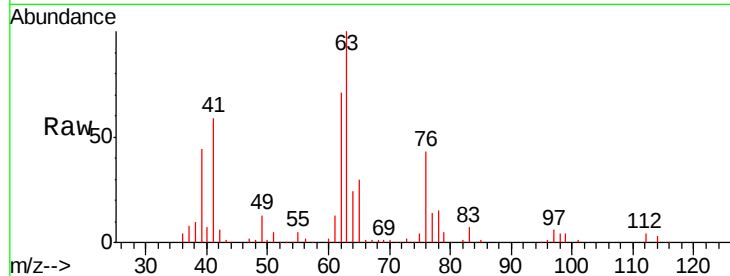
#45  
 1,2-Dichloropropane  
 Concen: 47.62 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW111718

Tgt Ion: 63 Resp: 60387  
 Ion Ratio Lower Upper  
 63 100  
 65 30.9 23.9 35.9

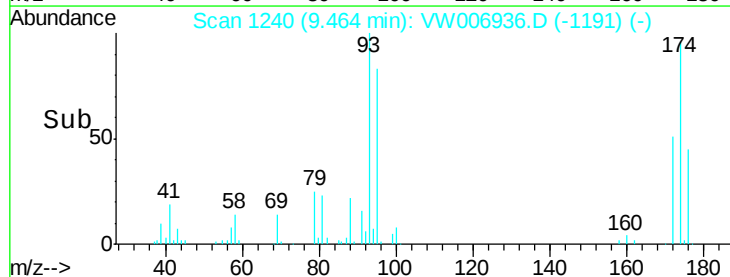
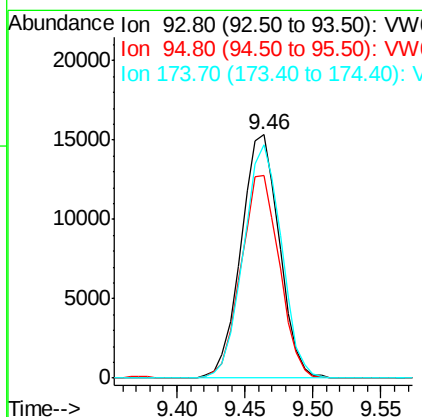
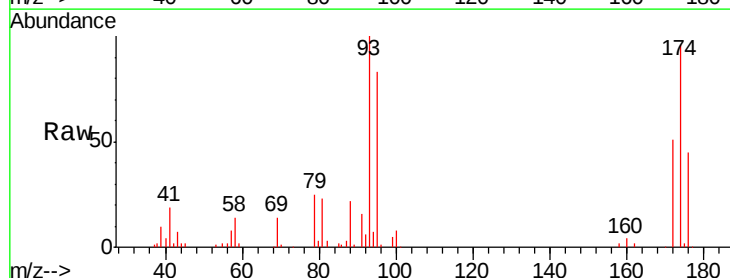
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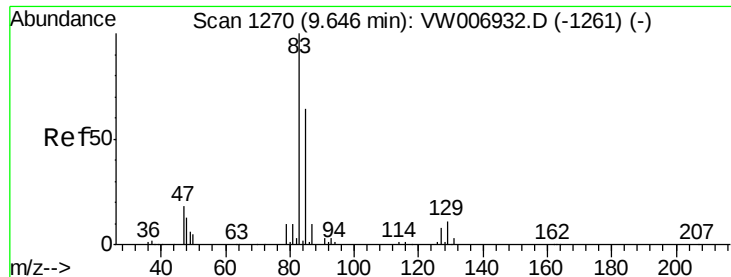
apatel  
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#46  
 Dibromomethane  
 Concen: 46.57 ug/l  
 RT: 9.46 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Tgt Ion: 93 Resp: 29910  
 Ion Ratio Lower Upper  
 93 100  
 95 80.7 65.7 98.5  
 174 92.6 75.0 112.4





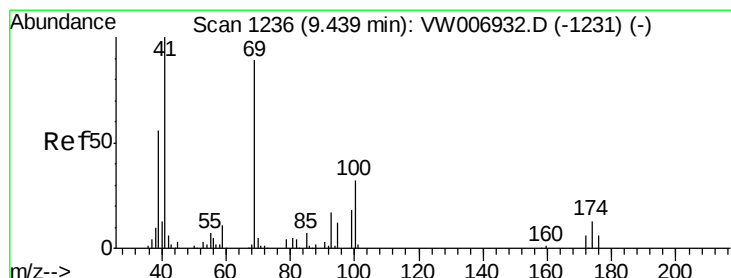
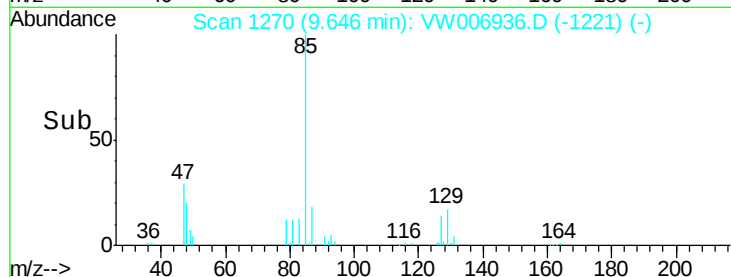
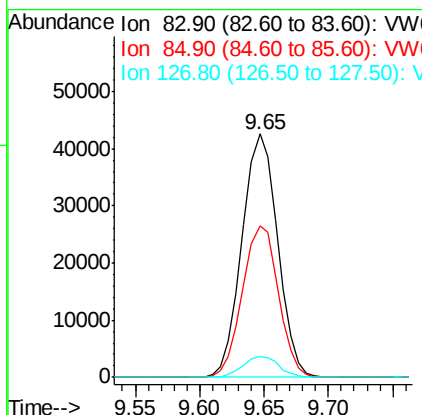
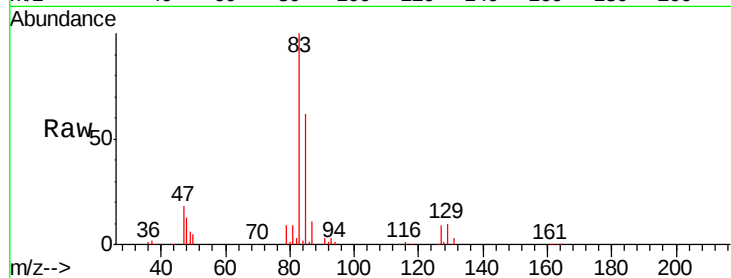
#47  
Bromodichloromethane  
Concen: 47.46 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.3  | 50.8  | 76.2  |
| 127     | 9.1   | 6.6   | 10.0  |

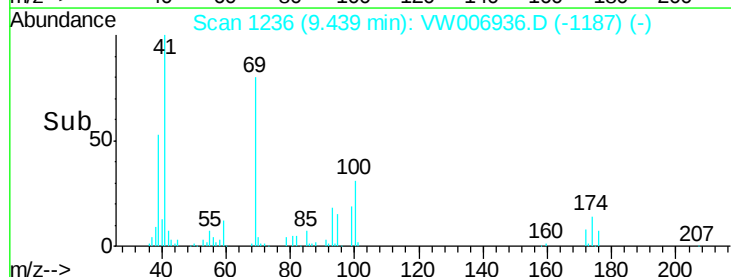
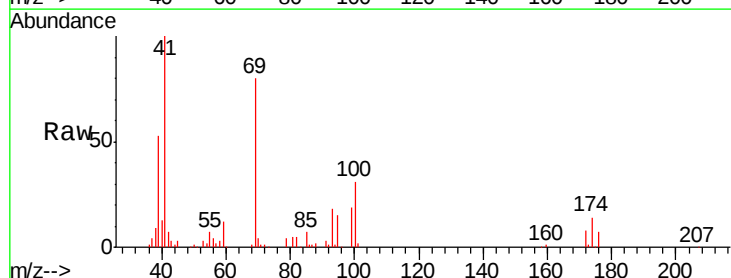
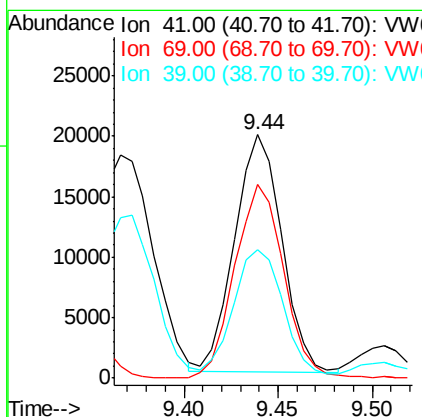
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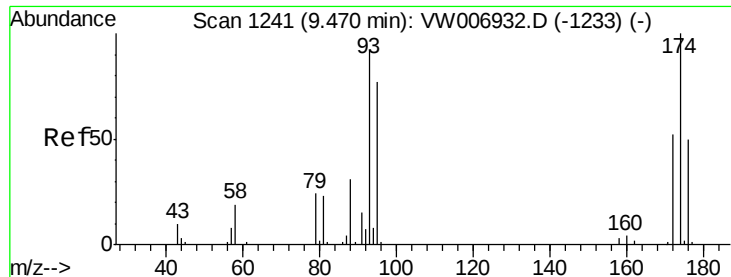
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#48  
Methyl methacrylate  
Concen: 47.21 ug/l  
RT: 9.44 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 88.1  | 73.4  | 110.0 |
| 39      | 59.4  | 46.1  | 69.1  |





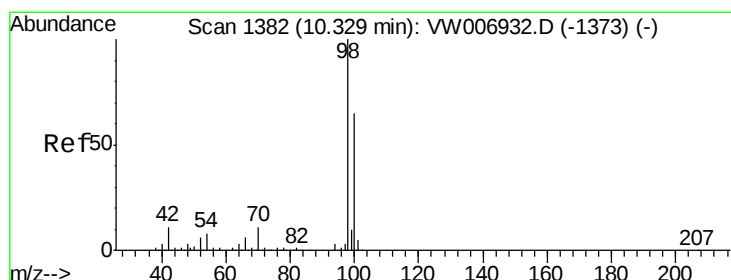
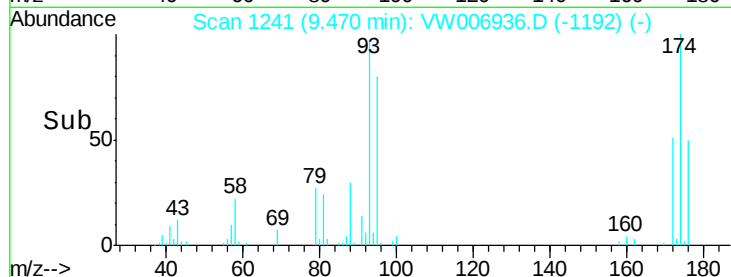
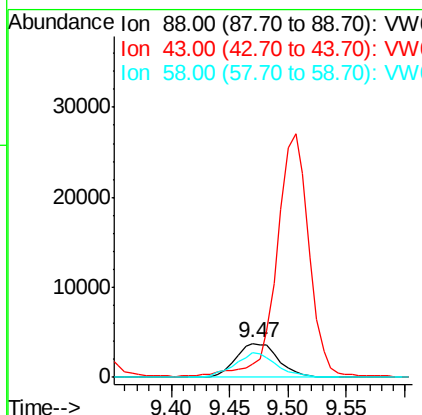
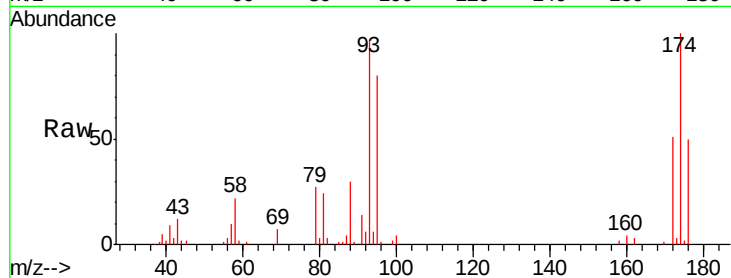
#49  
1,4-Dioxane  
Concen: 905.66 ug/l  
RT: 9.47 min Scan# 1241  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 0.0   | 0.0   | 0.0   |
| 58      | 73.9  | 57.4  | 86.2  |

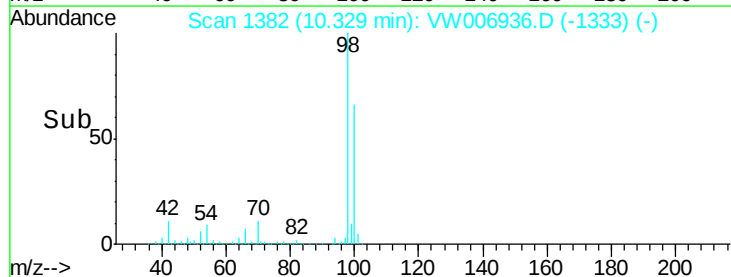
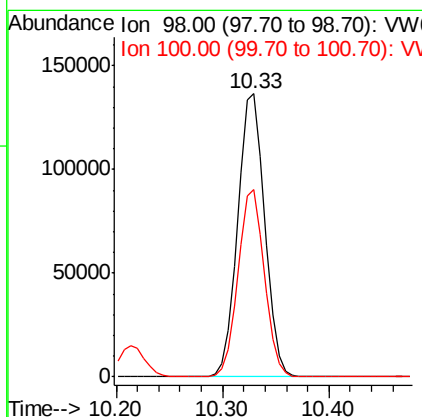
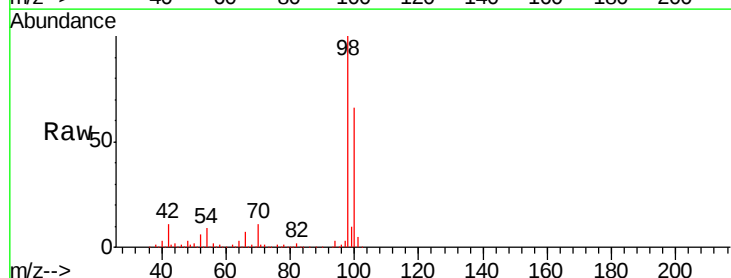
Manual Integrations  
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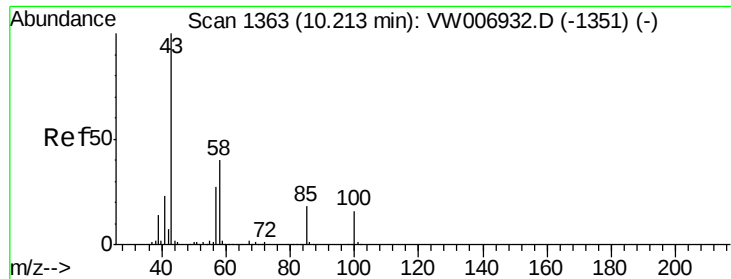
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#50  
Toluene-d8  
Concen: 53.13 ug/l  
RT: 10.33 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.3  | 52.3  | 78.5  |





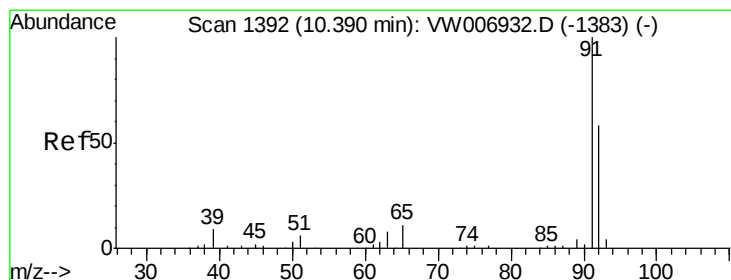
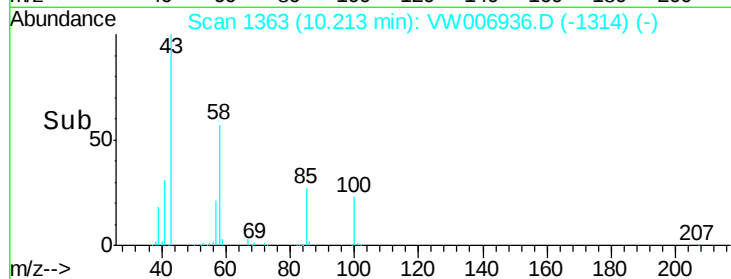
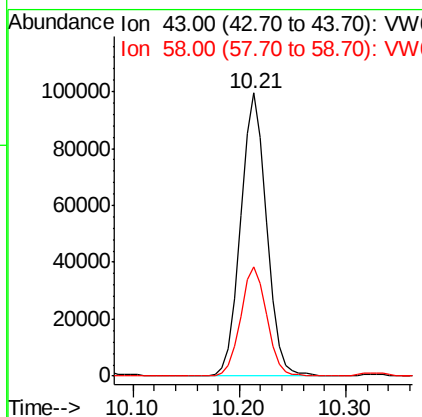
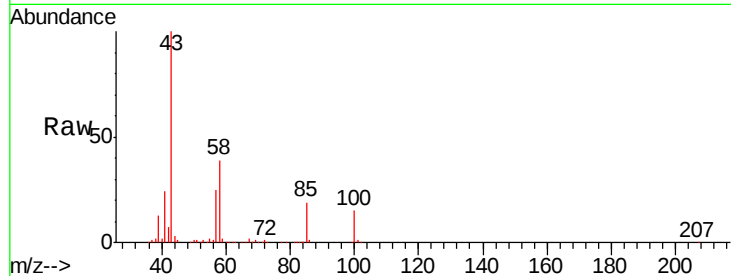
#51  
 4-Methyl-2-Pentanone  
 Concen: 228.63 ug/l  
 RT: 10.21 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVW111718

Tgt Ion: 43 Resp: 163301  
 Ion Ratio Lower Upper  
 43 100  
 58 39.8 31.0 46.4

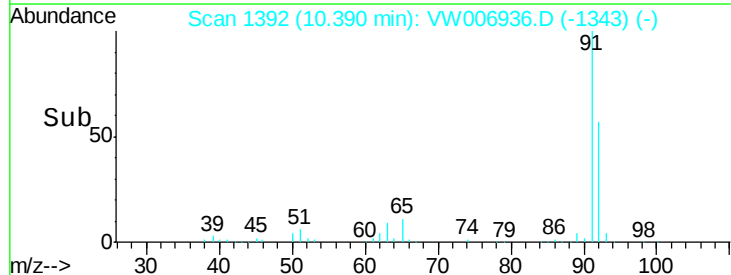
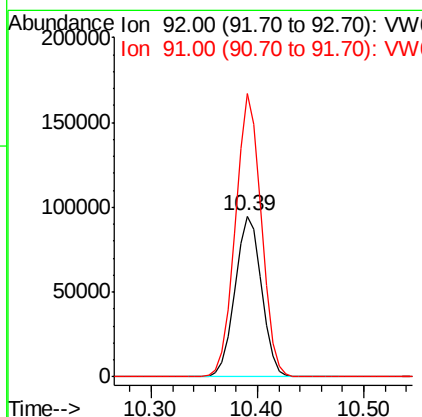
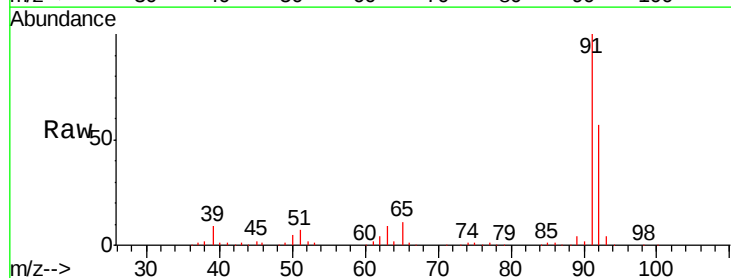
Manual Integrations  
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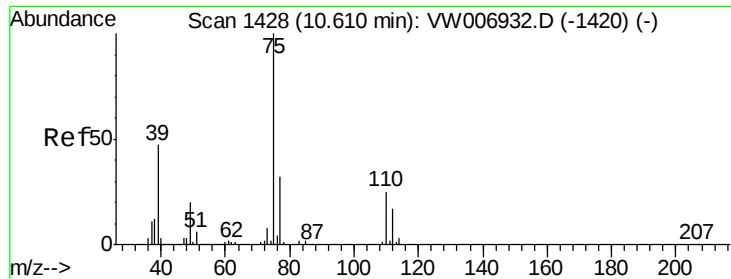
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#52  
 Toluene  
 Concen: 49.41 ug/l  
 RT: 10.39 min Scan# 1392  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Tgt Ion: 92 Resp: 165963  
 Ion Ratio Lower Upper  
 92 100  
 91 170.2 137.3 205.9





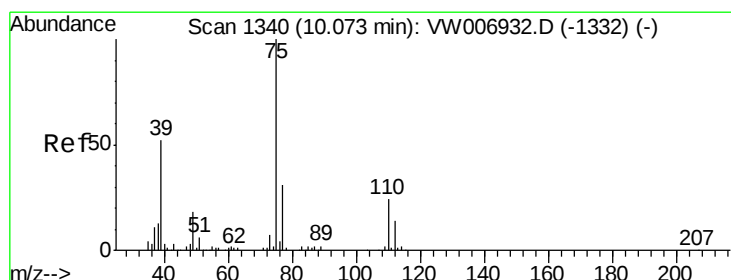
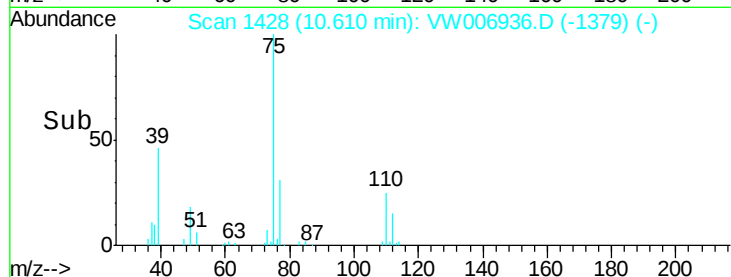
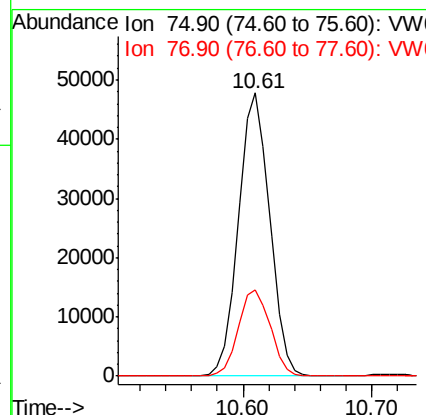
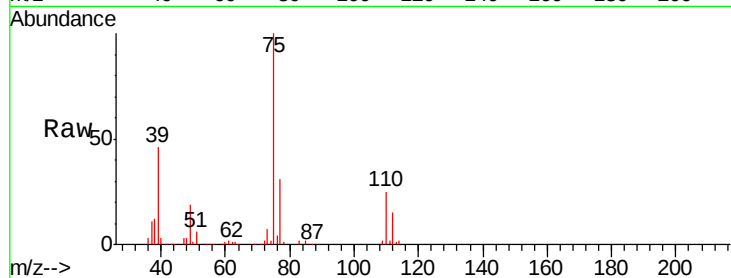
#53  
t-1,3-Dichloropropene  
Concen: 47.74 ug/l  
RT: 10.61 min Scan# 1428  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

Tgt Ion: 75 Resp: 78891  
Ion Ratio Lower Upper  
75 100  
77 32.8 25.2 37.8

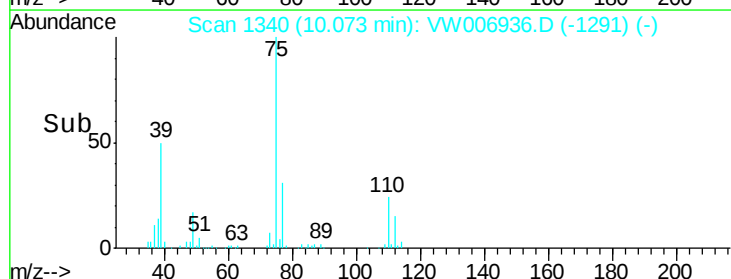
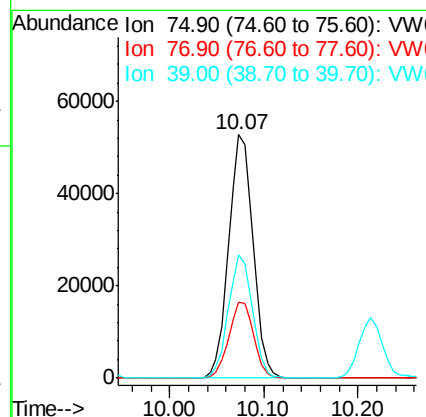
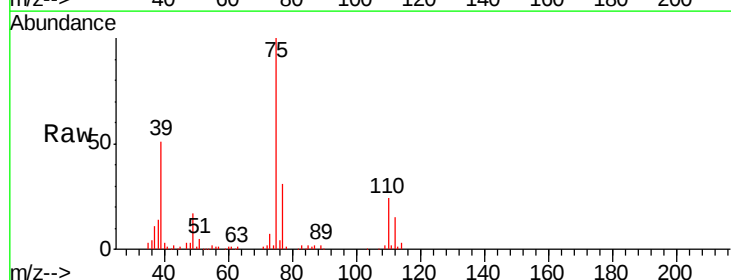
Manual Integrations  
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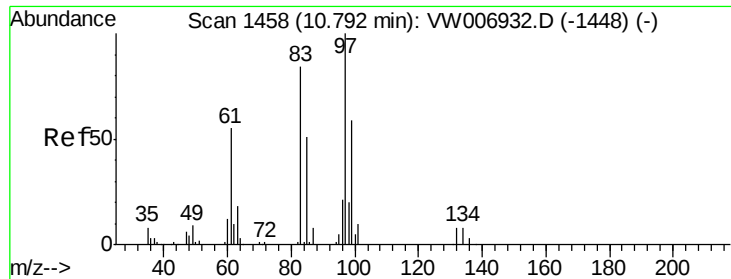
apatel  
11/19/2018 3:29:38 PM



#54  
cis-1,3-Dichloropropene  
Concen: 47.72 ug/l  
RT: 10.07 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Tgt Ion: 75 Resp: 94386  
Ion Ratio Lower Upper  
75 100  
77 30.6 24.6 37.0  
39 51.5 41.4 62.2





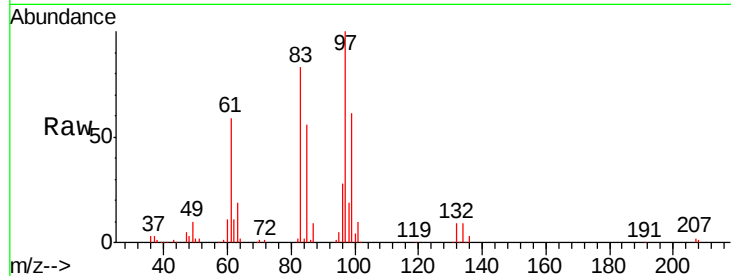
#55  
 1,1,2-Trichloroethane  
 Concen: 46.01 ug/l  
 RT: 10.79 min Scan# 1458  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVWV111718

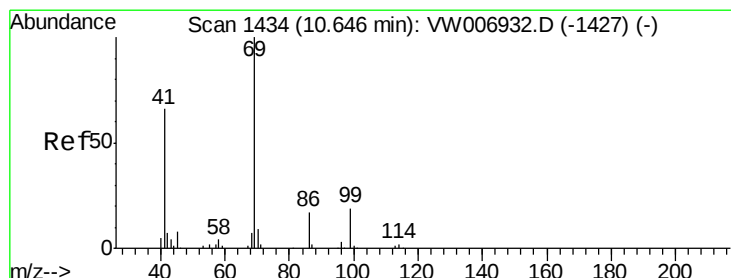
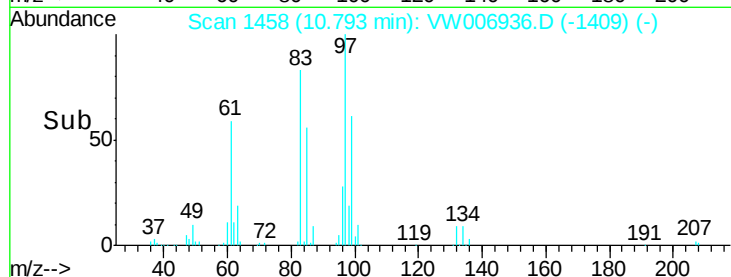
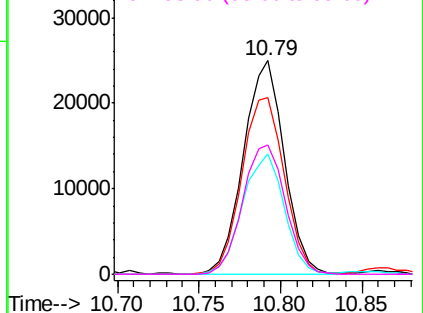
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 43567 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.8  | 67.5  | 101.3 |
| 85       | 55.2  | 41.0  | 61.6  |
| 99       | 61.6  | 47.4  | 71.2  |

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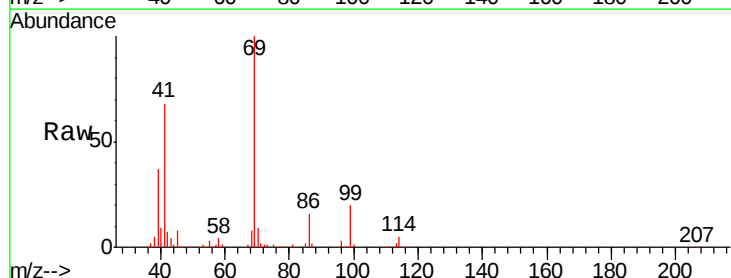


Abundance Ion 96.90 (96.60 to 97.60): VW  
 Ion 82.90 (82.60 to 83.60): VW  
 Ion 84.90 (84.60 to 85.60): VW  
 Ion 98.90 (98.60 to 99.60): VW

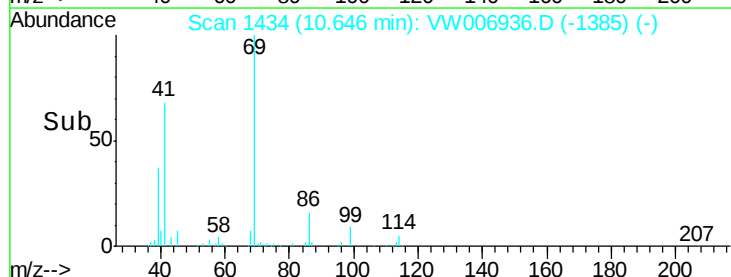
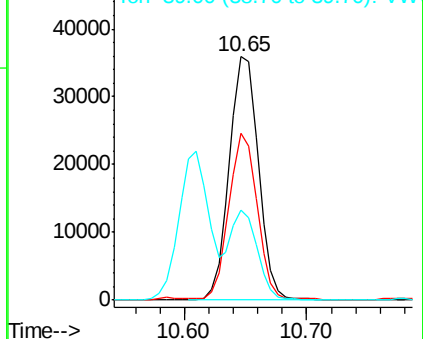


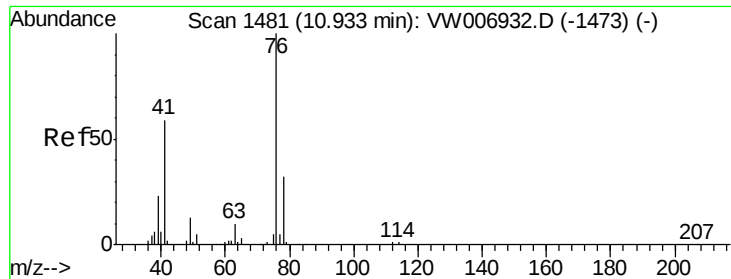
#56  
 Ethyl methacrylate  
 Concen: 49.60 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 58401 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.9  | 53.8  | 80.6  |
| 39       | 35.2  | 29.0  | 43.6  |



Abundance Ion 69.00 (68.70 to 69.70): VW  
 Ion 41.00 (40.70 to 41.70): VW  
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 46.81 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

ClientSampleId :

ICVW111718

Tgt Ion: 76 Resp: 75422

Ion Ratio Lower Upper

76 100

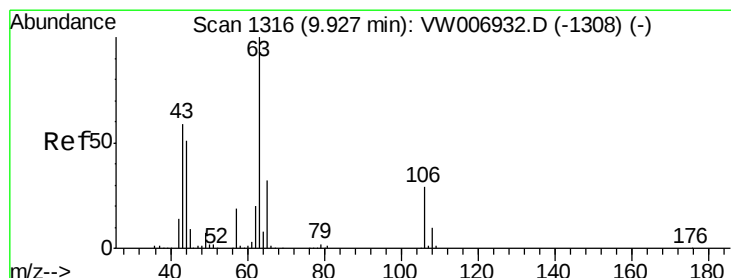
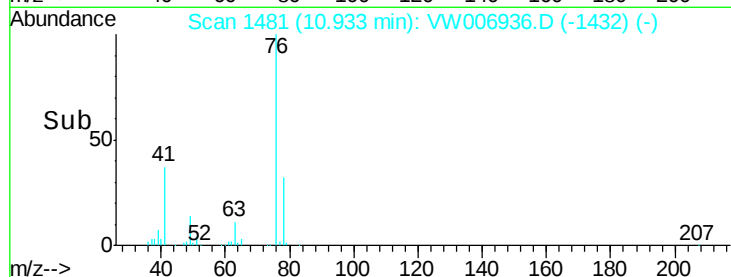
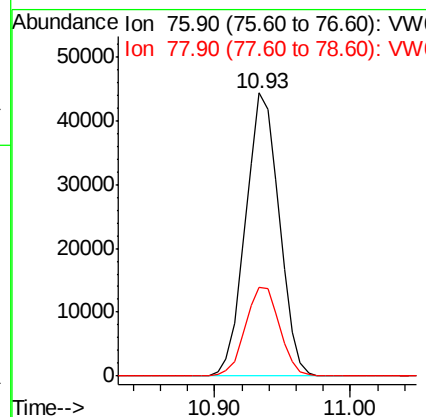
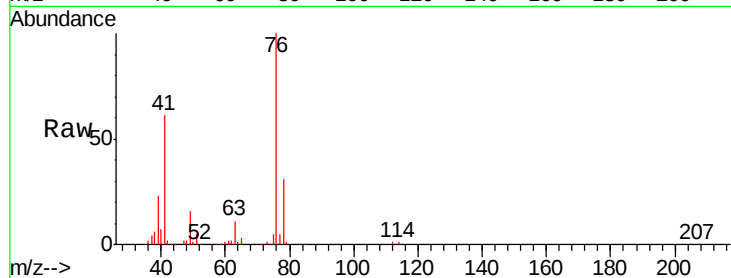
78 32.1 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 233.03 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006936.D

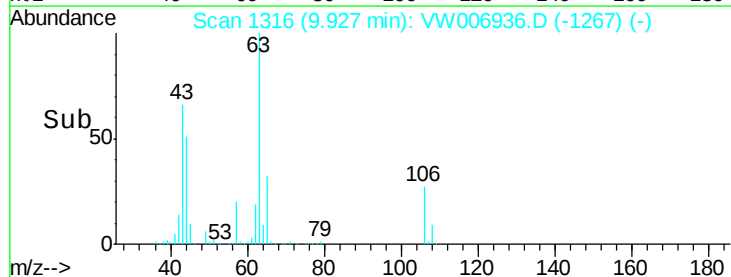
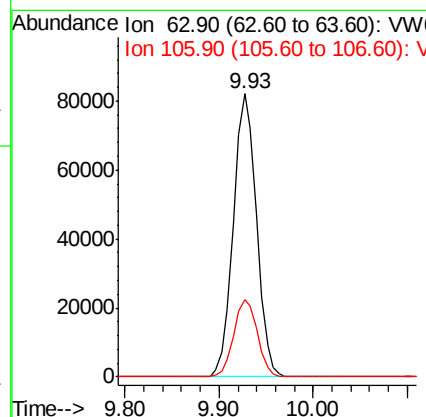
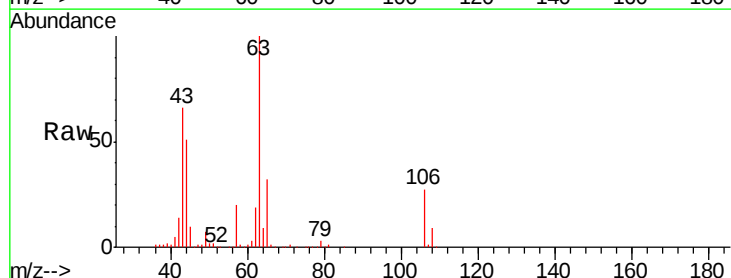
Acq: 17 Nov 2018 01:51

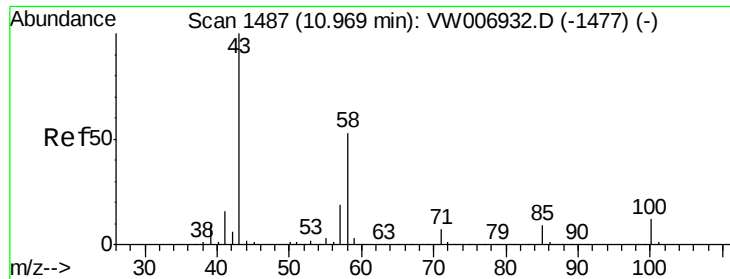
Tgt Ion: 63 Resp: 134877

Ion Ratio Lower Upper

63 100

106 28.9 22.6 33.8





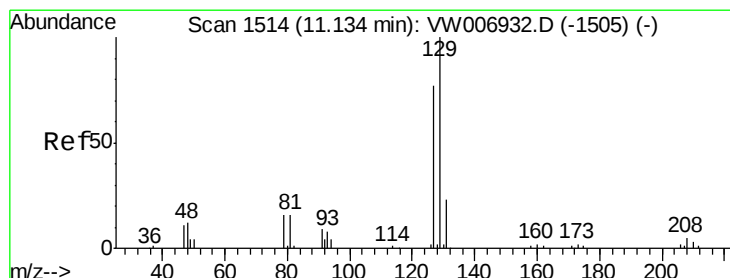
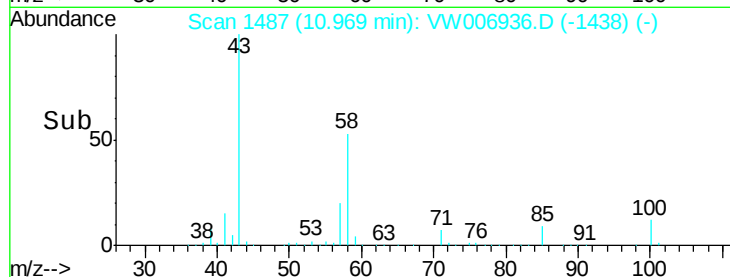
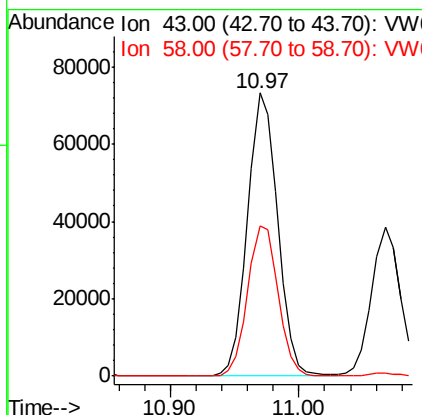
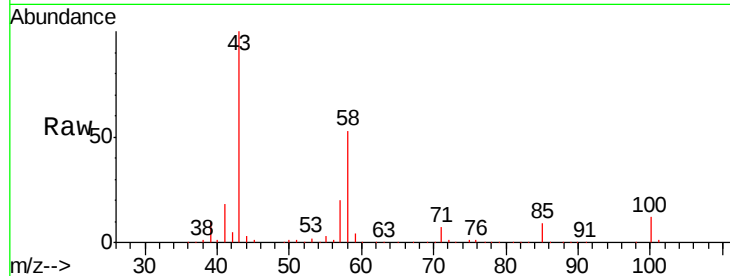
#59  
2-Hexanone  
Concen: 236.56 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

Tgt Ion: 43 Resp: 113086  
Ion Ratio Lower Upper  
43 100  
58 54.2 26.8 80.4

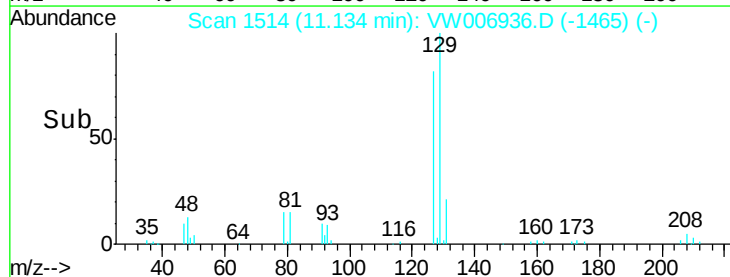
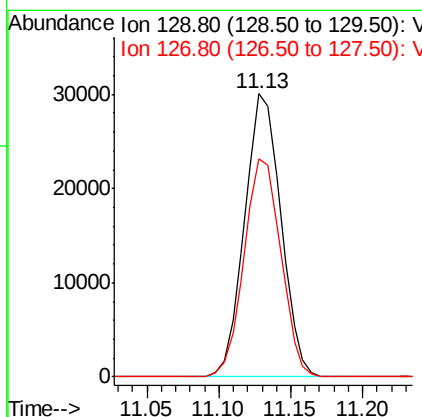
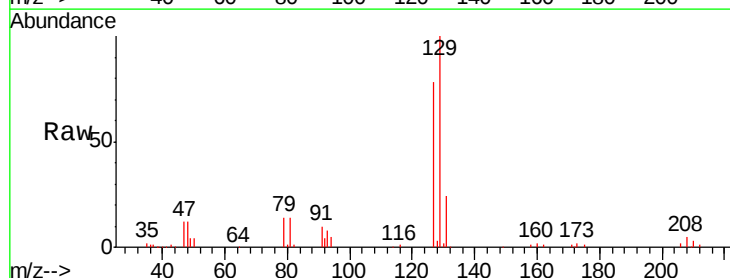
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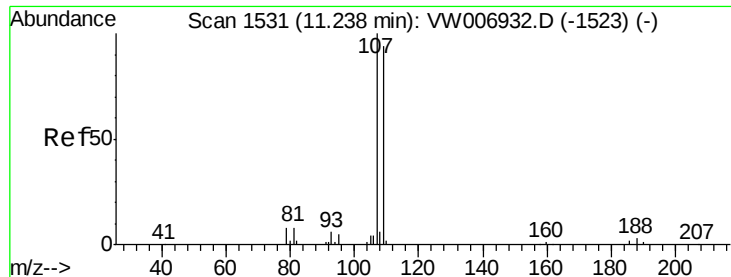
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#60  
Dibromochloromethane  
Concen: 48.56 ug/l  
RT: 11.13 min Scan# 1514  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Tgt Ion: 129 Resp: 52440  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.1 114.3





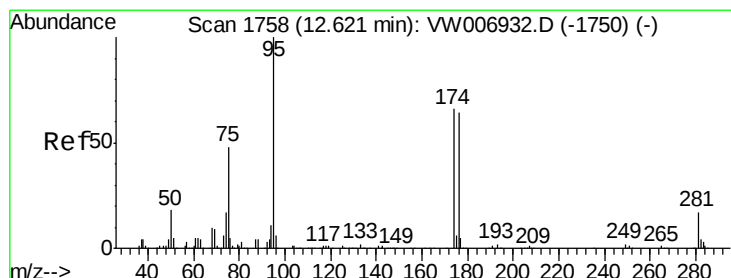
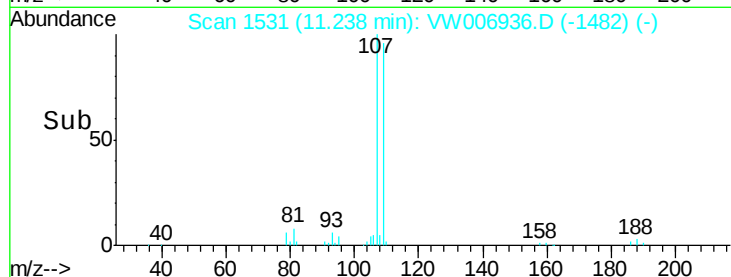
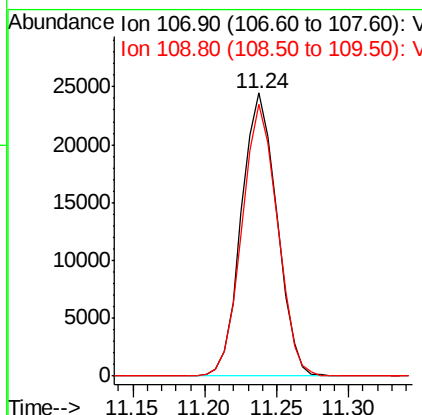
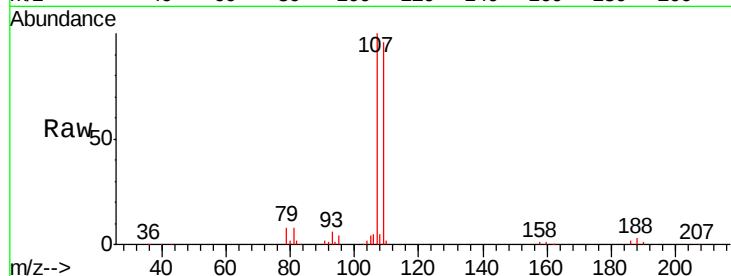
#61  
 1,2-Dibromoethane  
 Concen: 47.07 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW111718

Tgt Ion: 107 Resp: 41424  
 Ion Ratio Lower Upper  
 107 100  
 109 93.7 75.5 113.3

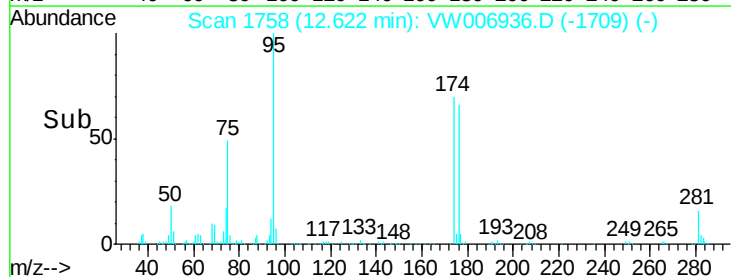
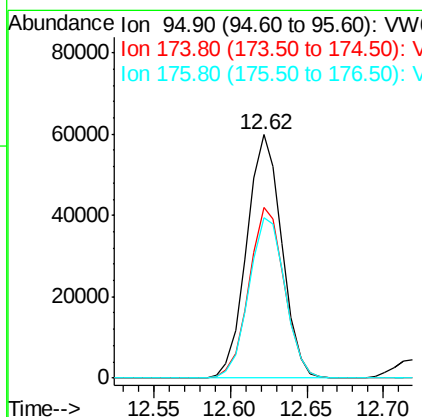
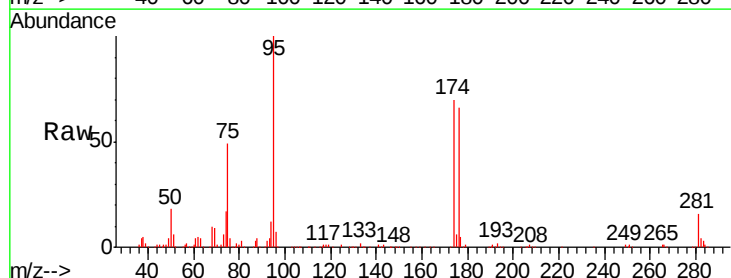
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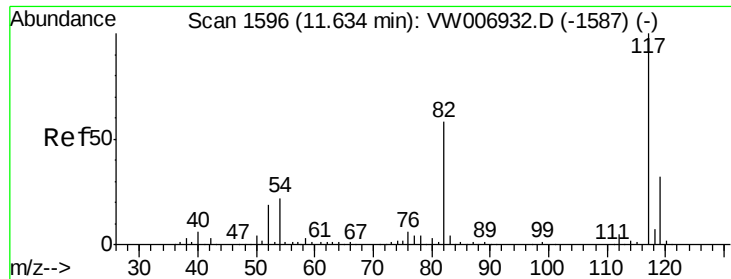
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#62  
 4-Bromofluorobenzene  
 Concen: 53.23 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Tgt Ion: 95 Resp: 97389  
 Ion Ratio Lower Upper  
 95 100  
 174 71.1 0.0 138.4  
 176 67.7 0.0 133.4





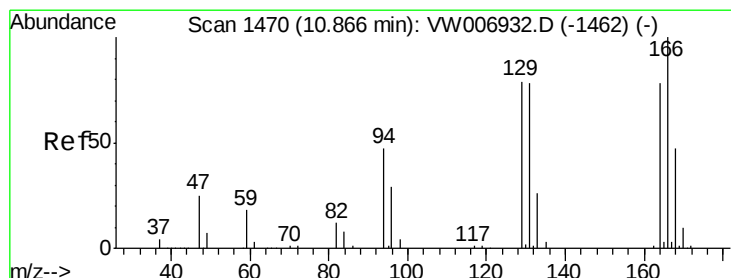
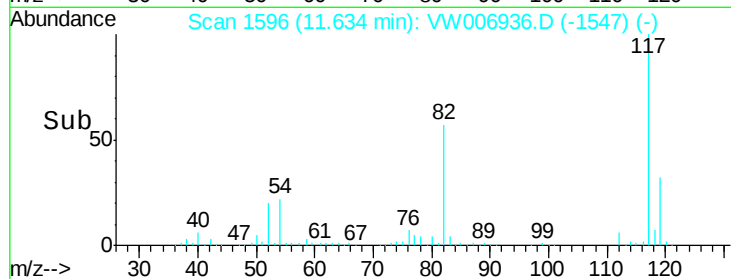
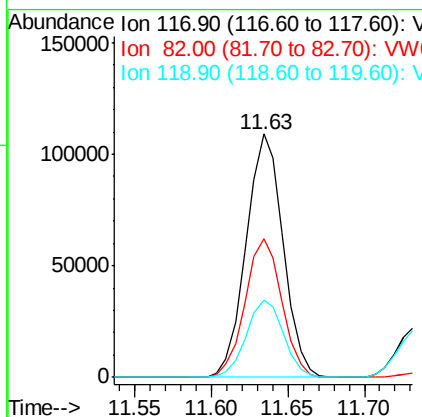
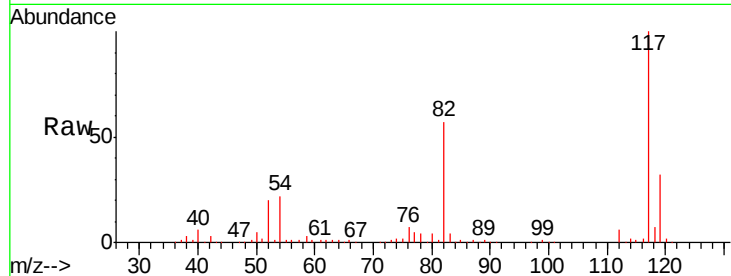
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 179348 |       |       |
| 82      | 56.4  | 46.2   | 69.2  |       |
| 119     | 31.0  | 25.5   | 38.3  |       |

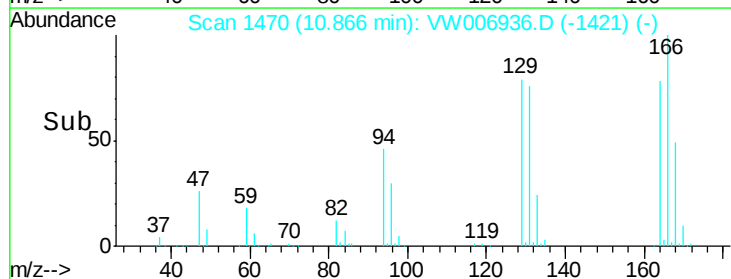
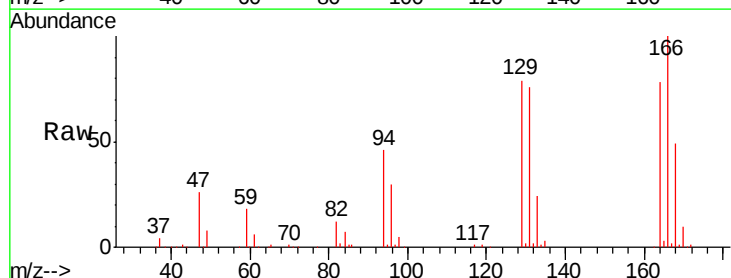
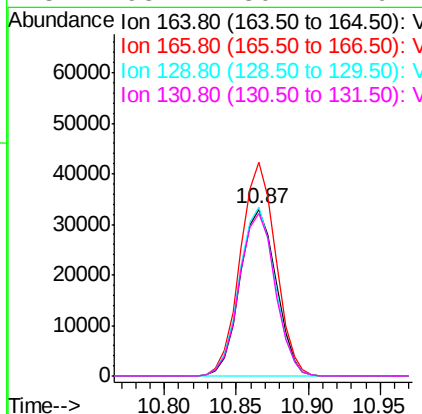
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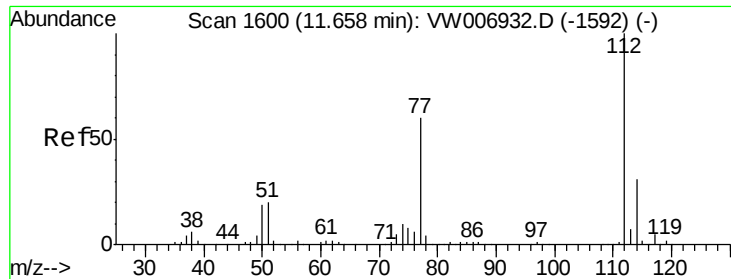
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#64  
Tetrachloroethene  
Concen: 48.73 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 56257 |       |       |
| 166     | 119.2 | 102.6 | 154.0 |       |
| 129     | 99.6  | 81.0  | 121.4 |       |
| 131     | 95.2  | 80.2  | 120.2 |       |





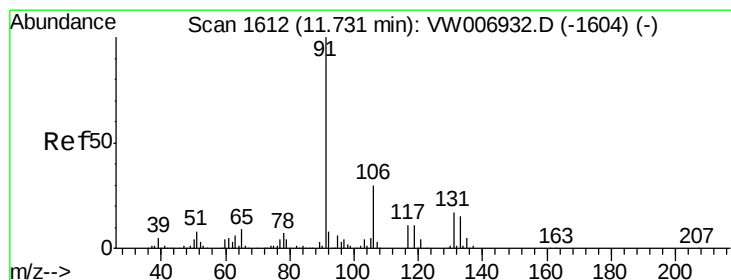
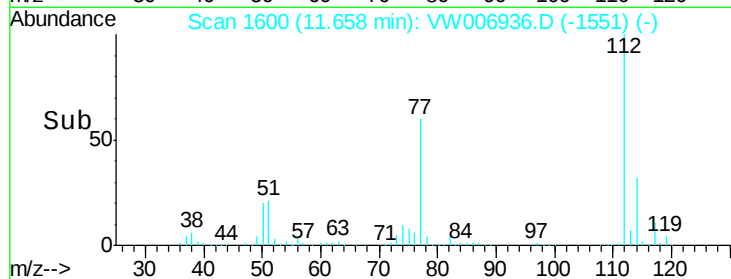
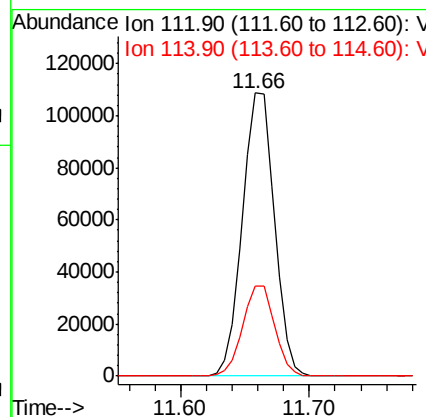
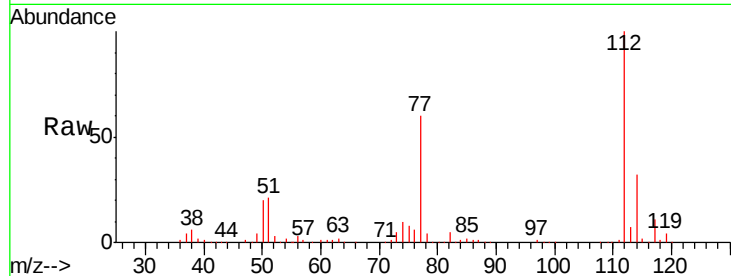
#65  
Chlorobenzene  
Concen: 48.46 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

Tgt Ion:112 Resp: 183503  
Ion Ratio Lower Upper  
112 100  
114 32.2 24.6 37.0

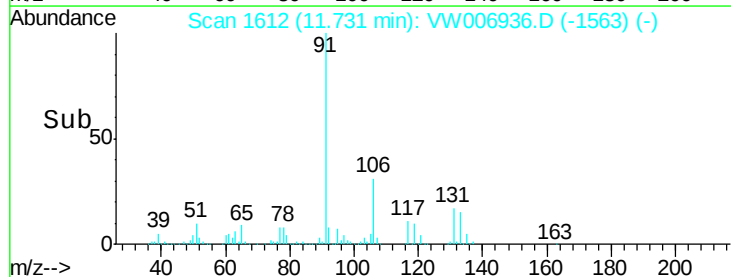
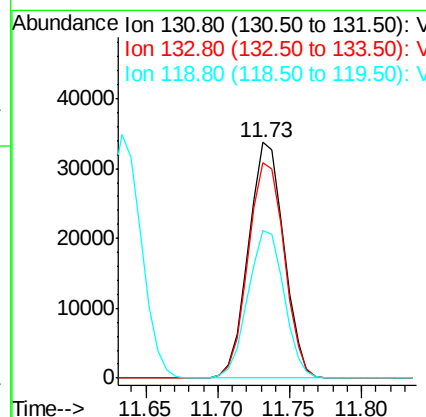
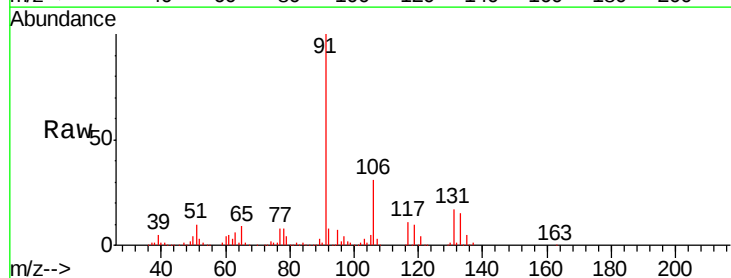
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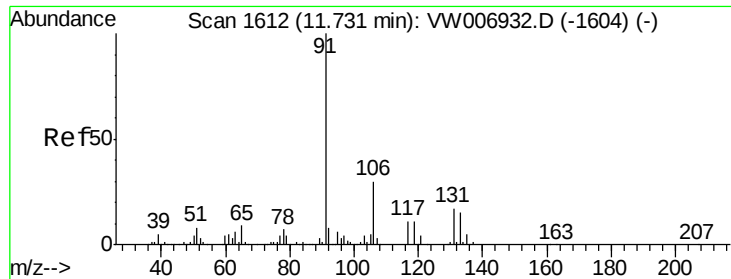
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 46.67 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Tgt Ion:131 Resp: 56328  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.2 141.6  
119 66.6 32.5 97.4





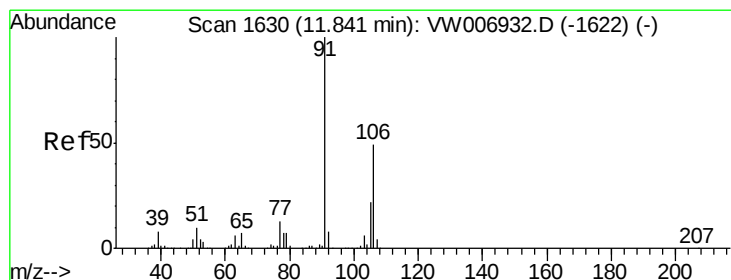
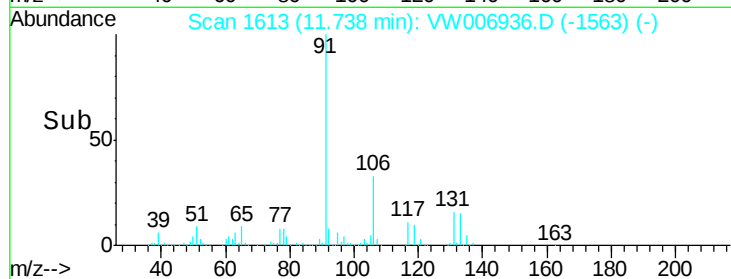
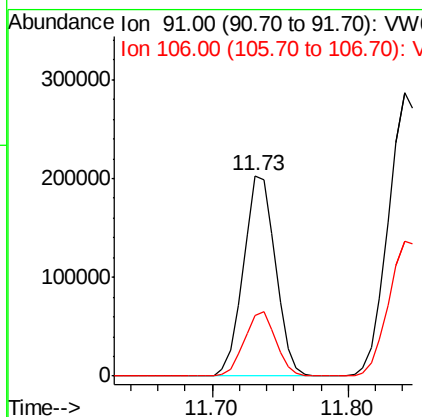
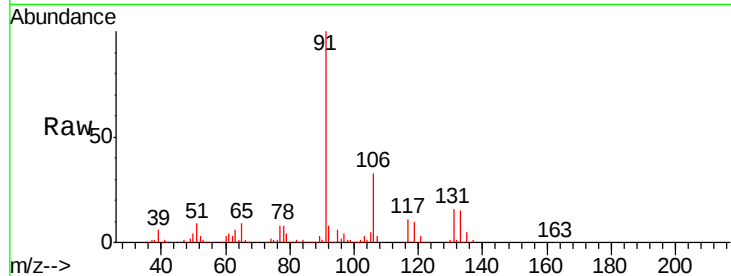
#67  
Ethyl Benzene  
Concen: 48.08 ug/l  
RT: 11.74 min Scan# 1613  
Delta R.T. 0.01 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

Tgt Ion: 91 Resp: 328242  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.0 36.0

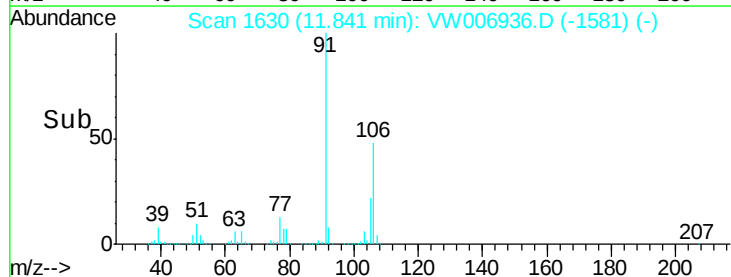
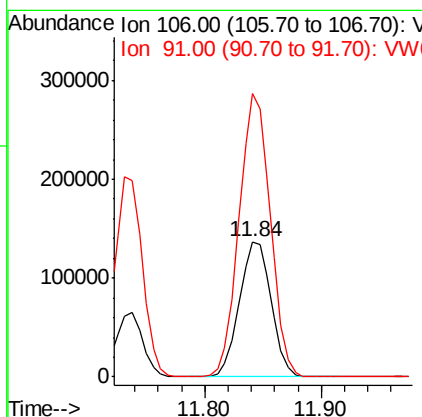
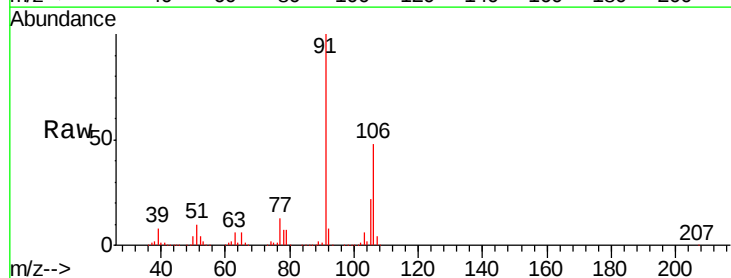
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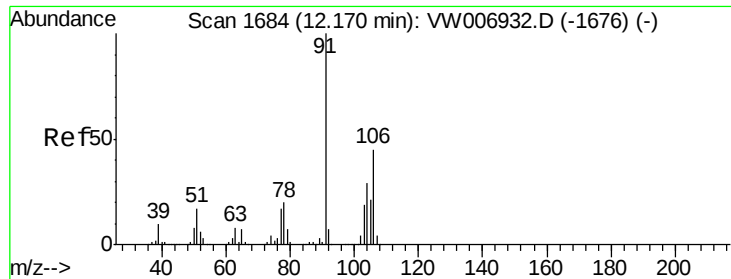
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#68  
m/p-Xylenes  
Concen: 95.19 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Tgt Ion: 106 Resp: 253078  
Ion Ratio Lower Upper  
106 100  
91 208.4 165.0 247.4





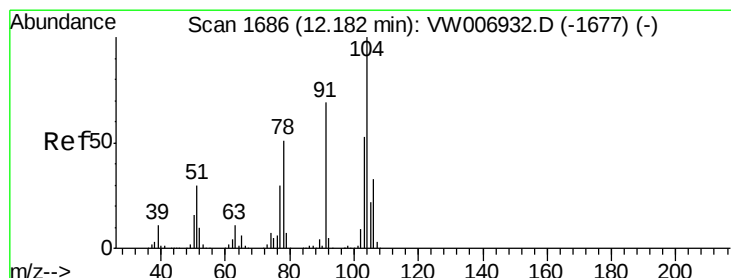
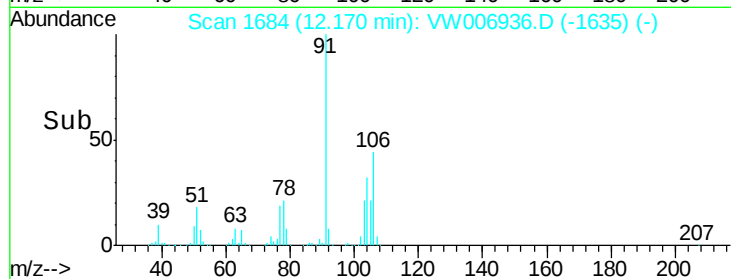
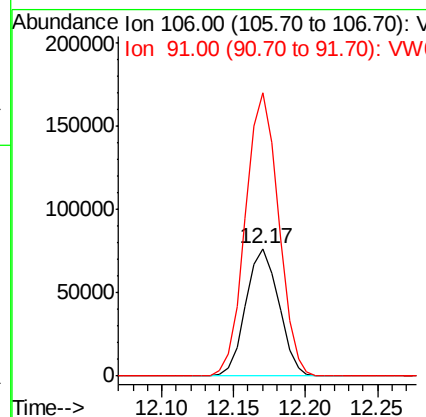
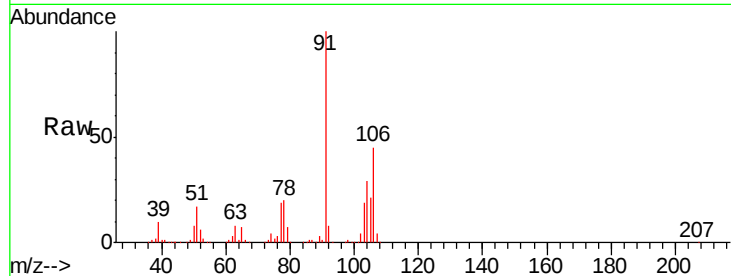
#69  
o-Xylene  
Concen: 48.19 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 217.8 | 109.2 | 327.6 |

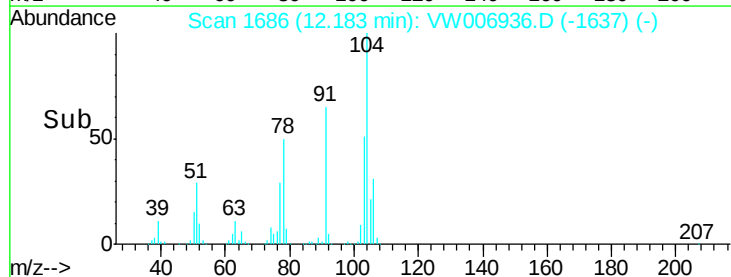
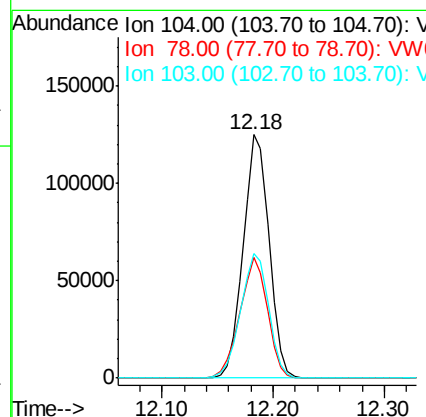
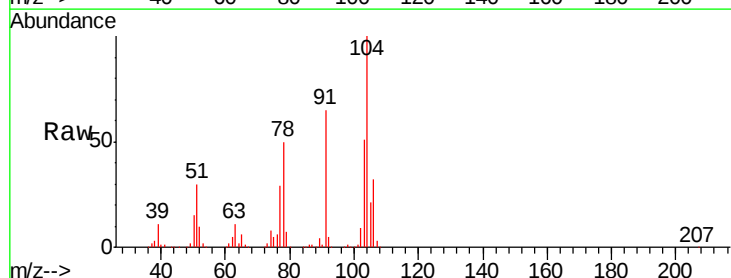
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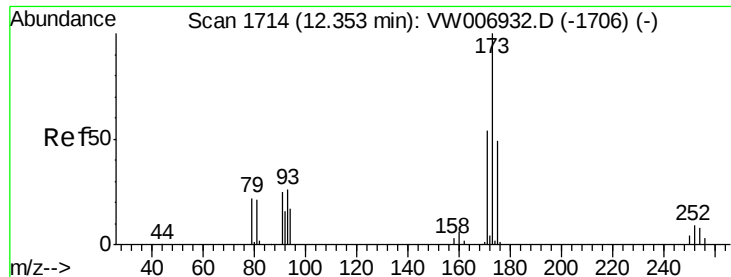
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#70  
Styrene  
Concen: 49.11 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 52.5  | 42.5  | 63.7  |
| 103     | 55.4  | 44.3  | 66.5  |





#71

Bromoform

Concen: 47.44 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

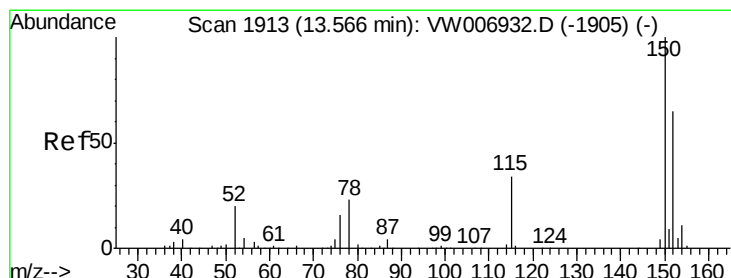
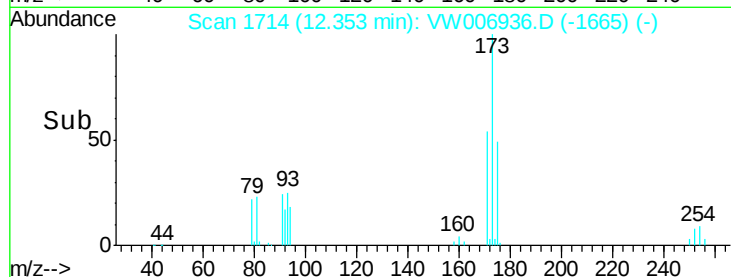
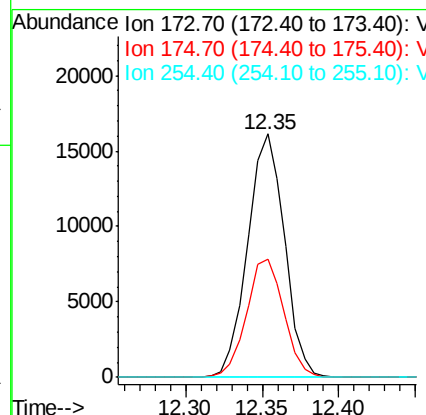
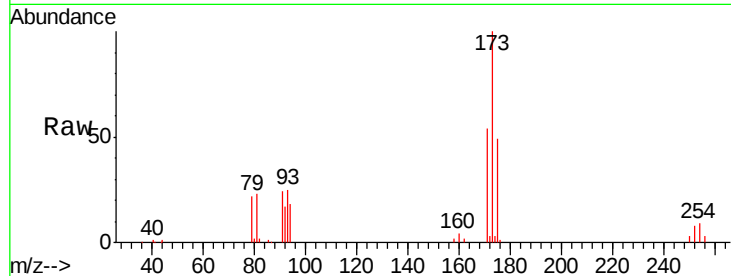
ClientSampleId :

ICVW111718

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.4  | 24.0  | 72.0  |
| 254     | 0.0   | 0.0   | 0.0   |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

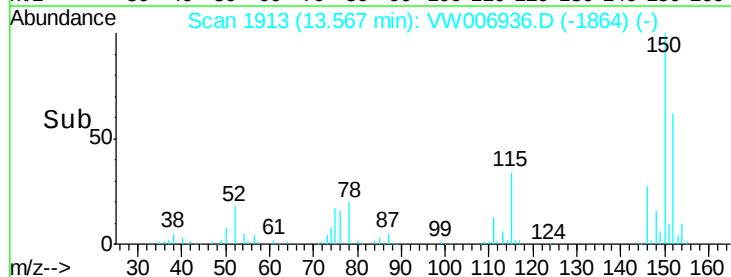
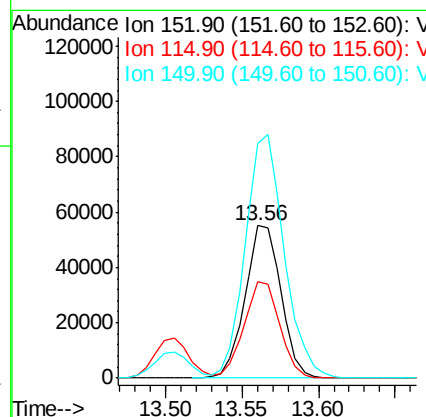
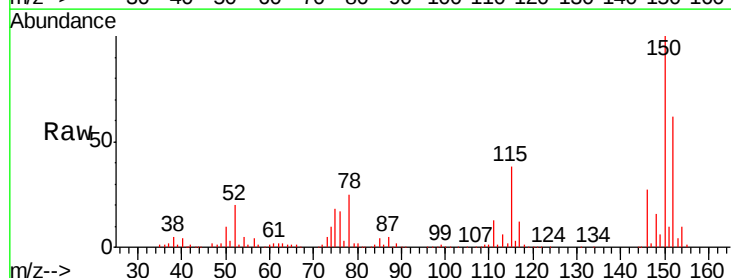
RT: 13.57 min Scan# 1913

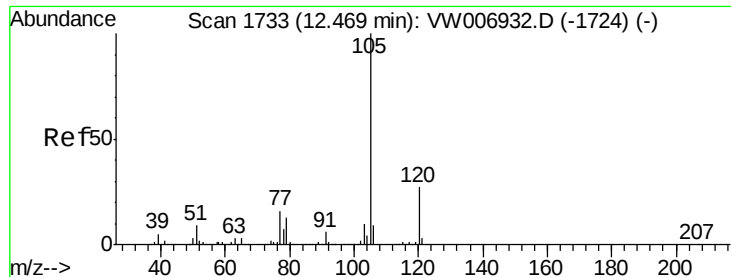
Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.2  | 31.6  | 94.7  |
| 150     | 172.8 | 0.0   | 350.0 |





#73

Isopropylbenzene

Concen: 46.62 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

ClientSampleId :

ICVW111718

Tgt Ion: 105 Resp: 321425

Ion Ratio Lower Upper

105 100

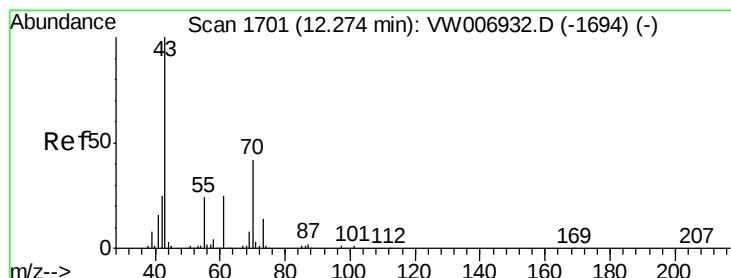
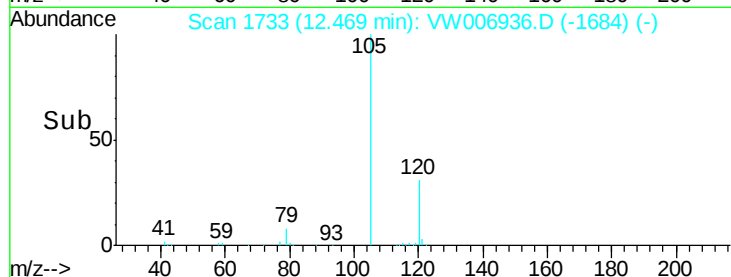
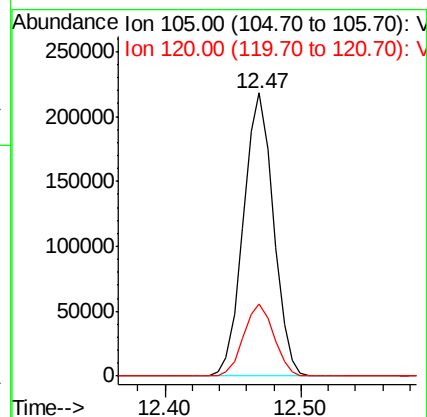
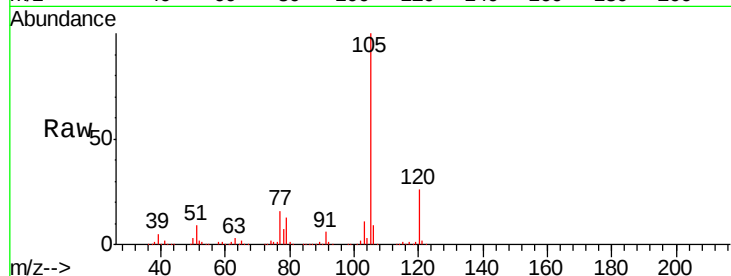
120 26.1 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 47.99 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Tgt Ion: 43 Resp: 66218

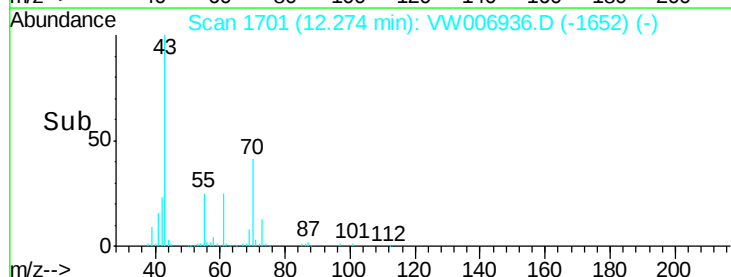
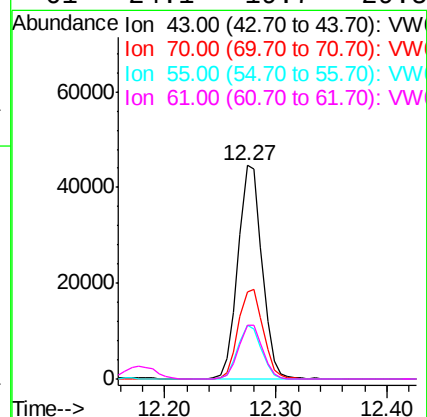
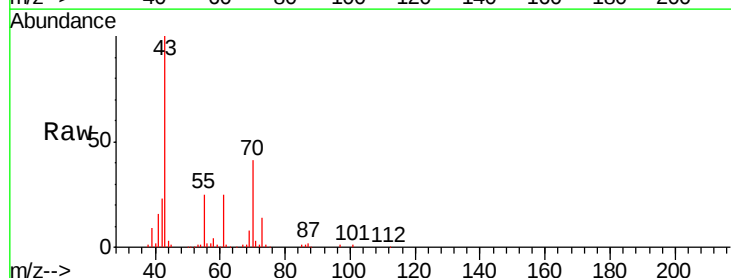
Ion Ratio Lower Upper

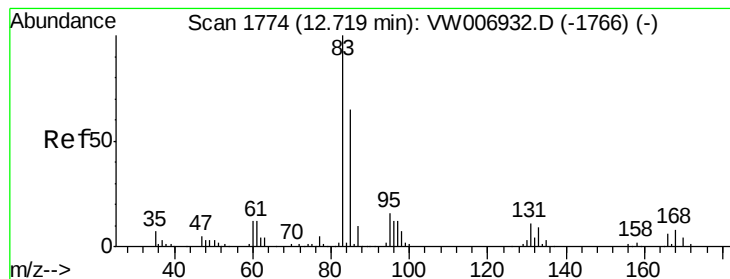
43 100

70 41.6 34.2 51.4

55 23.8 19.5 29.3

61 24.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.16 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

ClientSampleId :

ICVW111718

Tgt Ion: 83 Resp: 47823

Ion Ratio Lower Upper

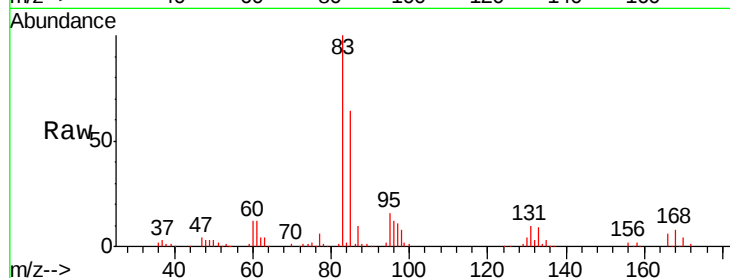
83 100

131 10.6 5.6 16.8

85 62.5 32.5 97.5

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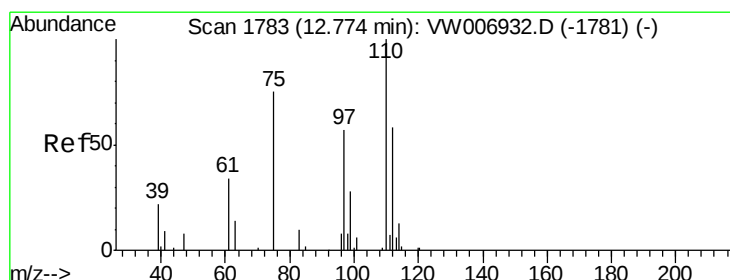
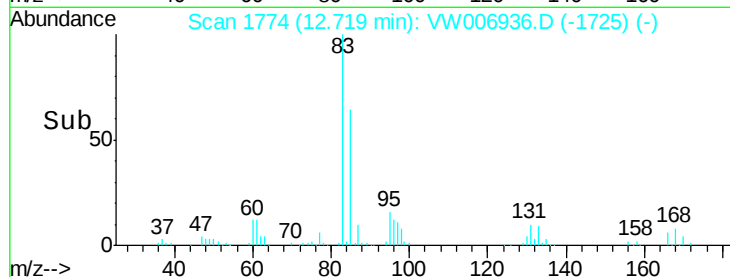
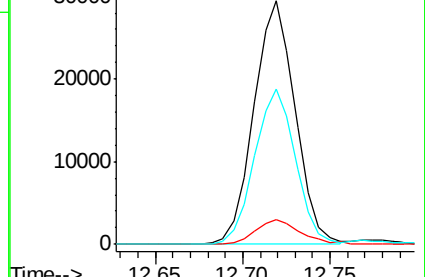
apatel  
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Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 42.38 ug/l m

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006936.D

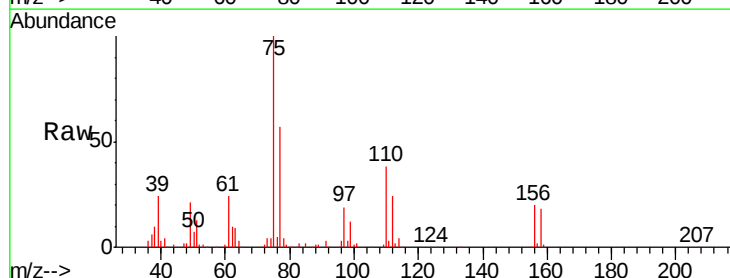
Acq: 17 Nov 2018 01:51

Tgt Ion: 75 Resp: 29650

Ion Ratio Lower Upper

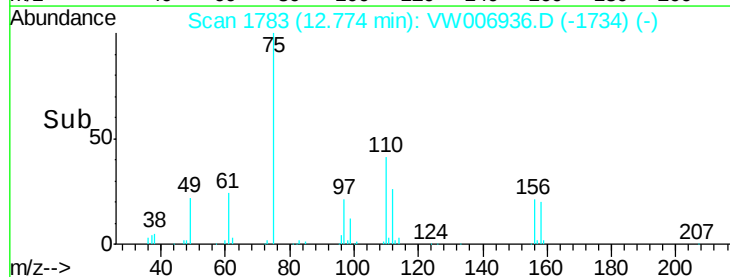
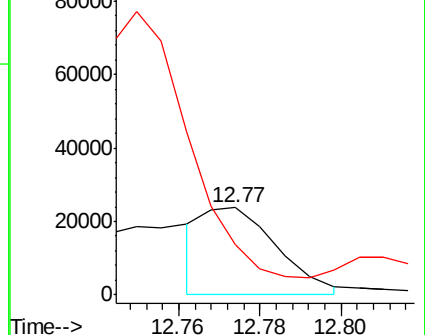
75 100

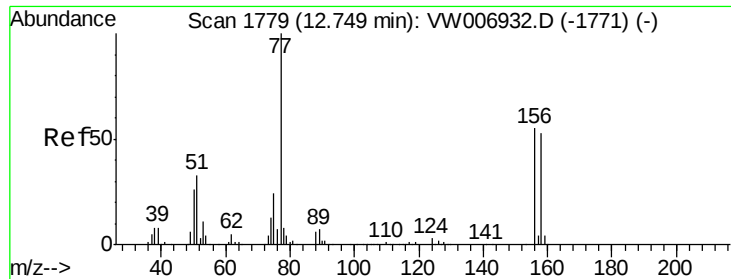
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.81 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

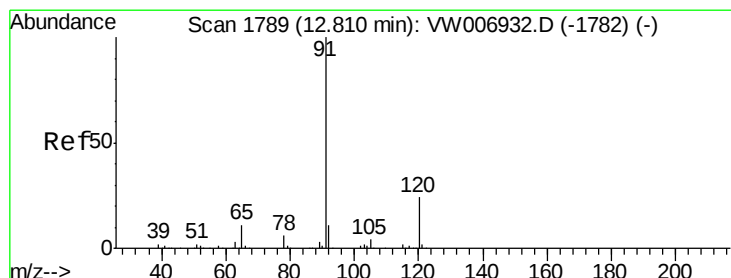
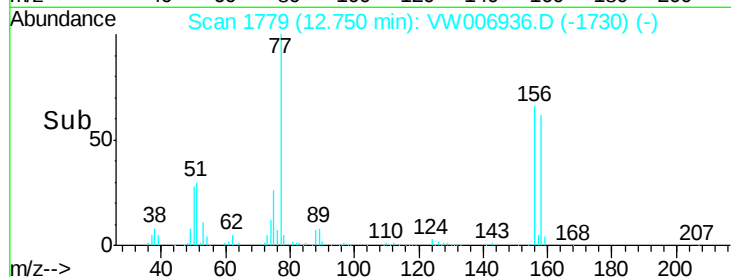
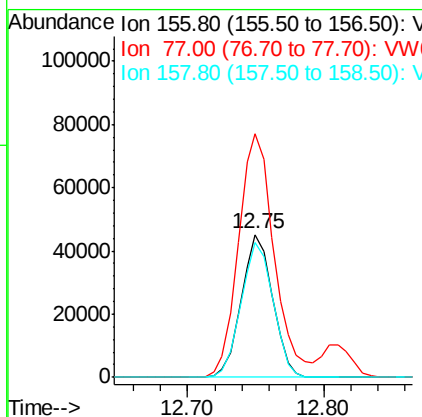
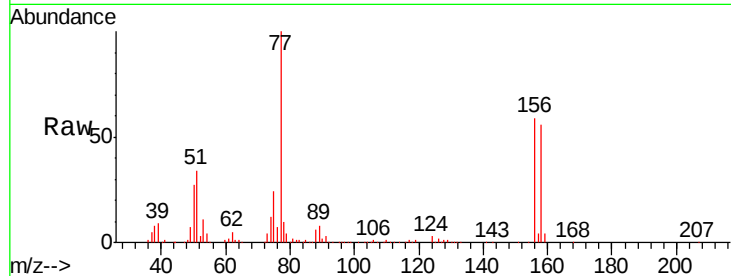
ClientSampleId :

ICVW111718

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 195.6 | 97.8  | 293.3 |
| 158     | 96.3  | 47.9  | 143.7 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 45.84 ug/l

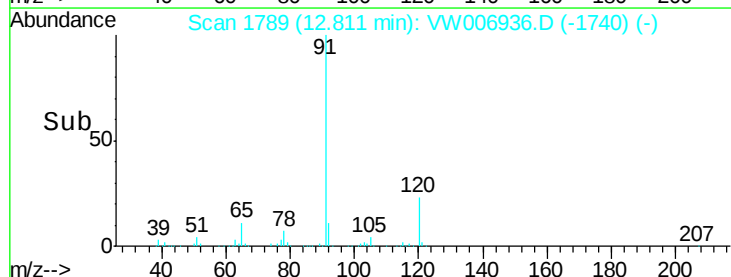
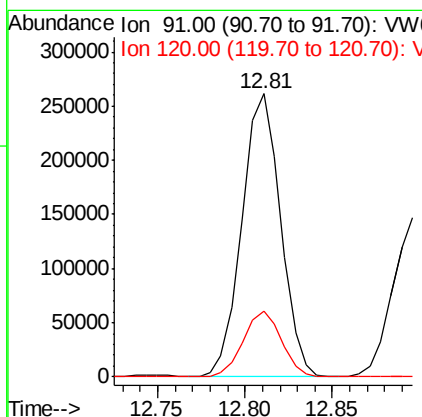
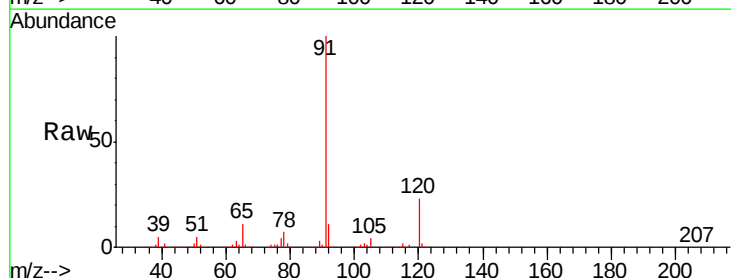
RT: 12.81 min Scan# 1789

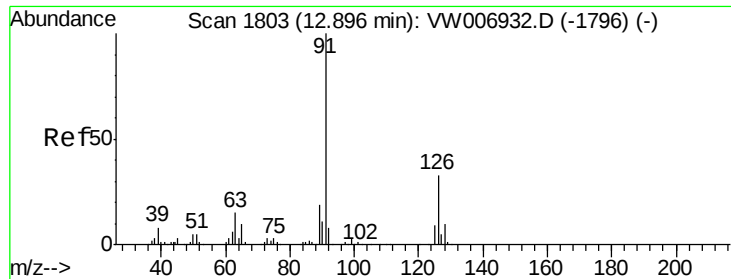
Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.8  | 11.5  | 34.5  |





#79

2-Chlorotoluene

Concen: 46.97 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

ClientSampleId :

ICVW111718

Tgt Ion: 91 Resp: 228007

Ion Ratio Lower Upper

91 100

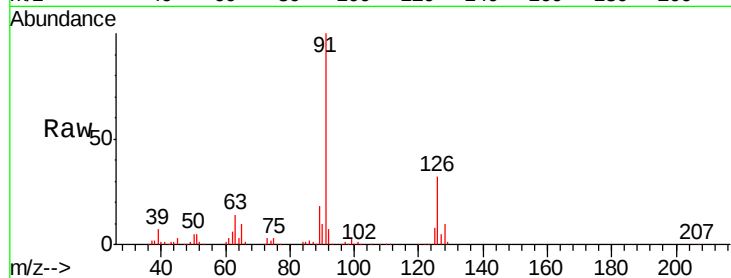
126 32.7 16.6 49.7

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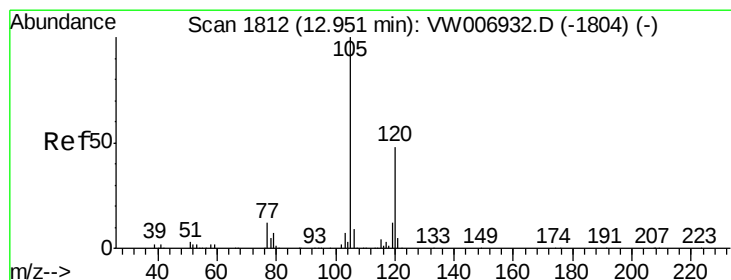
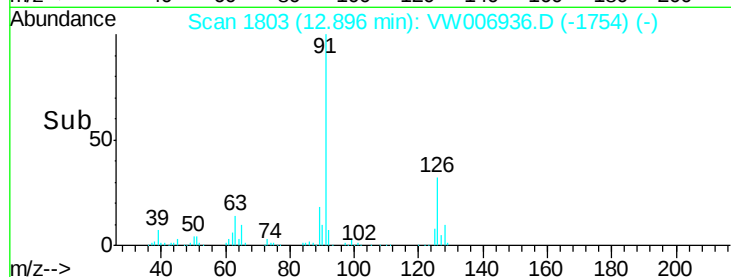
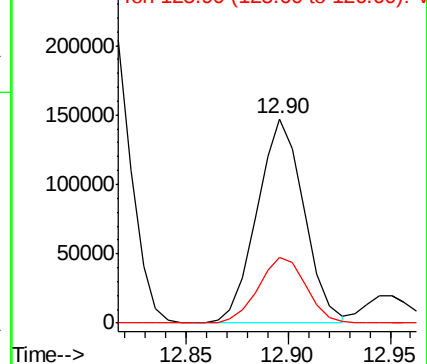
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.36 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006936.D

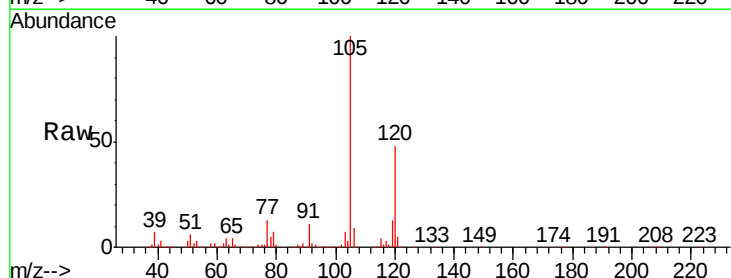
Acq: 17 Nov 2018 01:51

Tgt Ion: 105 Resp: 275191

Ion Ratio Lower Upper

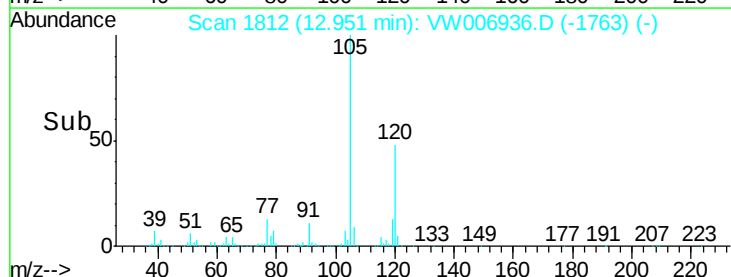
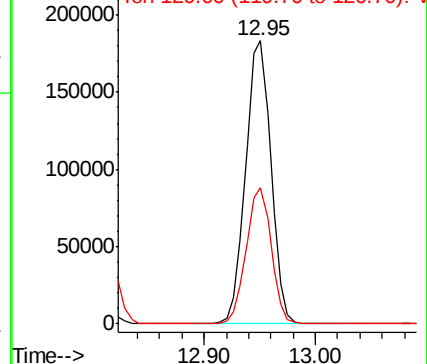
105 100

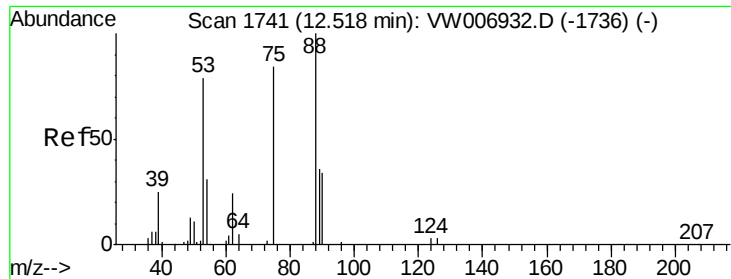
120 47.5 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





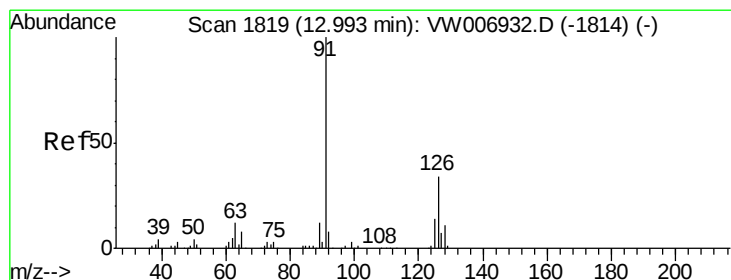
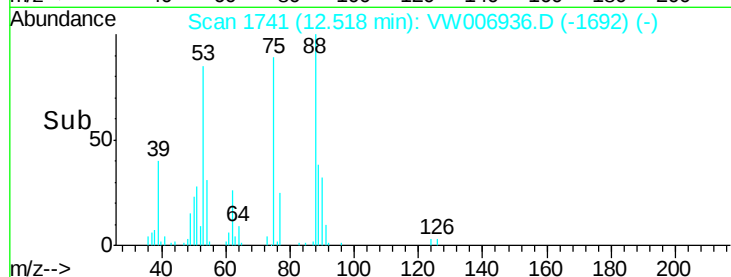
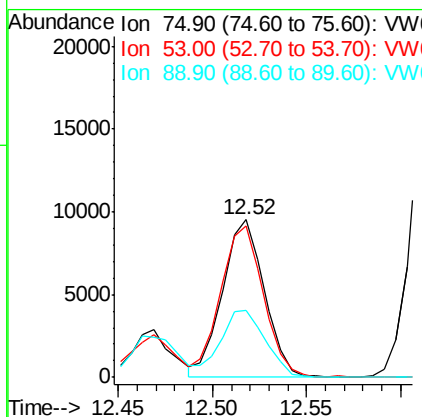
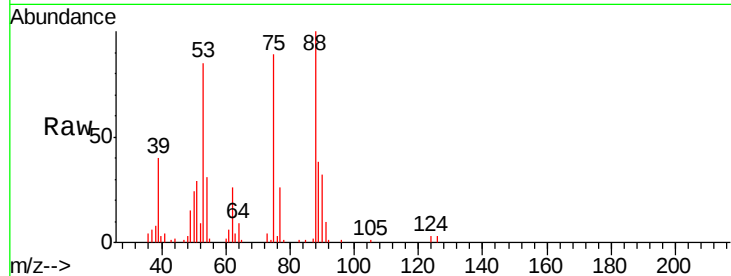
#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.11 ug/l  
RT: 12.52 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 95.0  | 79.3  | 118.9 |
| 89      | 44.4  | 39.5  | 59.3  |

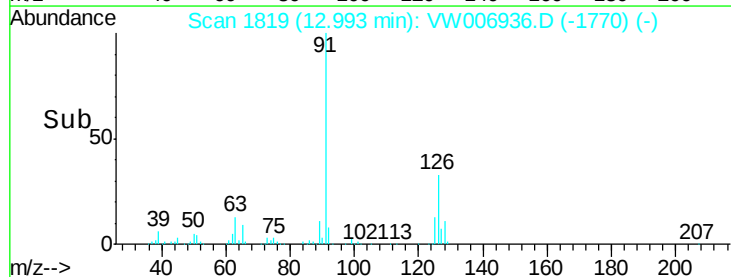
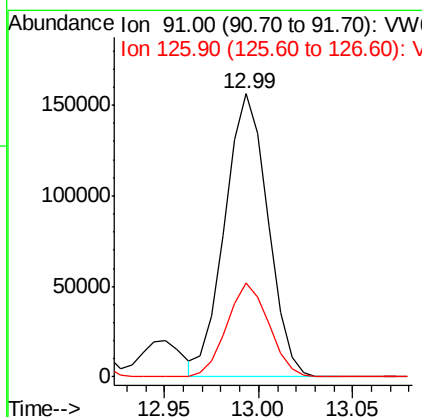
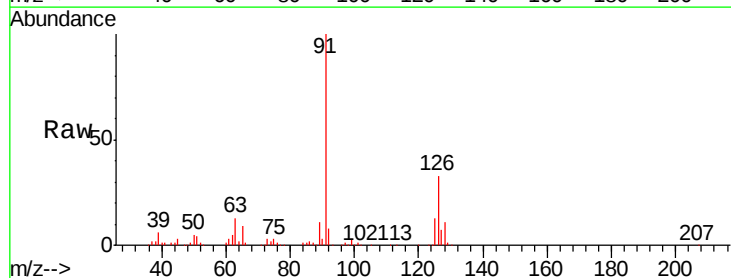
Manual Integrations  
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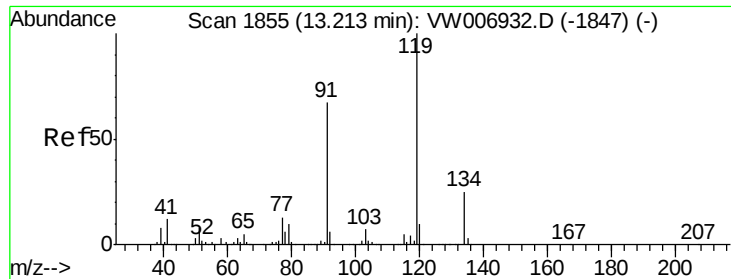
apatel  
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#82  
4-Chlorotoluene  
Concen: 46.90 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.5  | 16.2  | 48.6  |





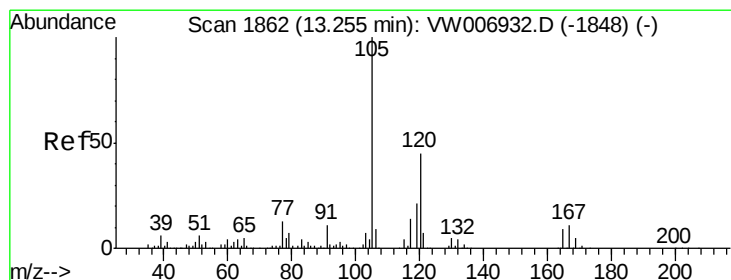
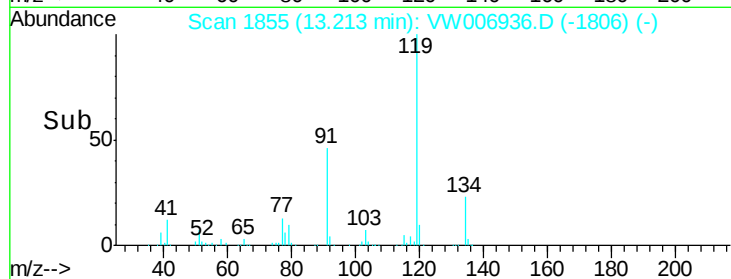
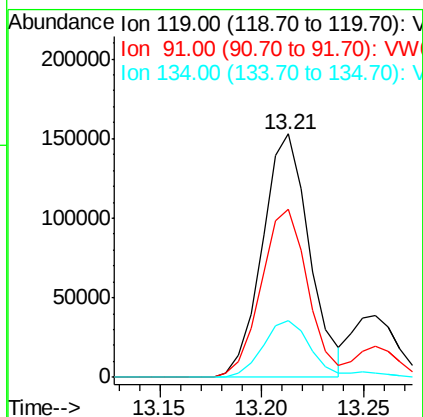
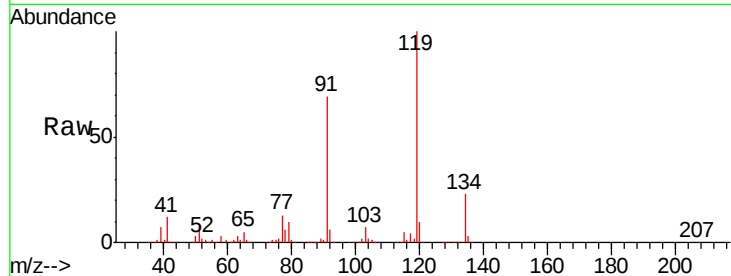
#83  
 tert-Butylbenzene  
 Concen: 45.46 ug/l  
 RT: 13.21 min Scan# 1855  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW111718

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 229157 |       |       |
| 91      | 68.2  | 33.8   | 101.4 |       |
| 134     | 25.4  | 12.6   | 37.8  |       |

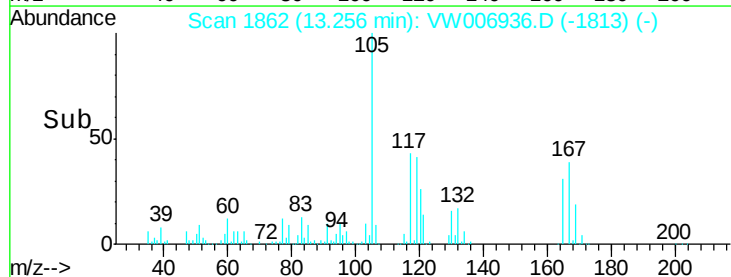
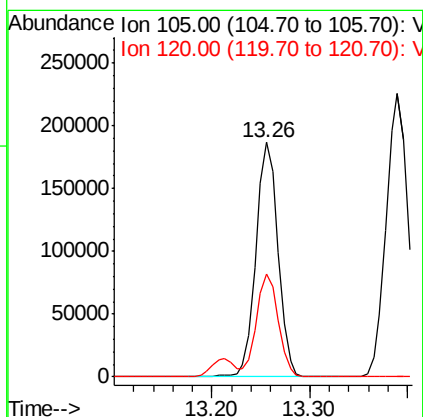
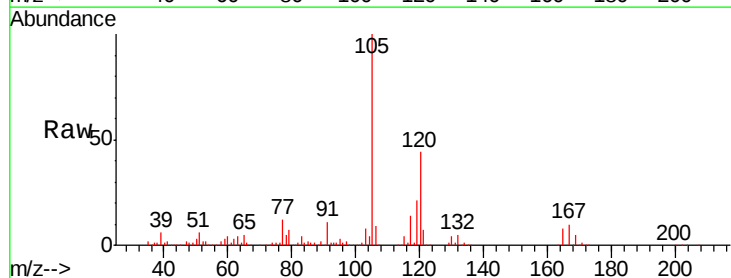
Manual Integrations  
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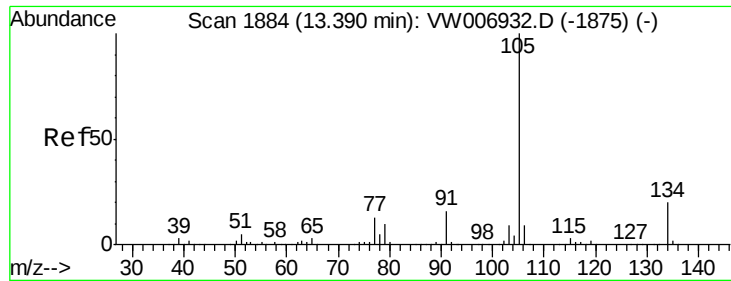
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 11/19/2018 3:29:38 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 46.45 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 277020 |       |       |
| 120     | 43.6  | 21.9   | 65.8  |       |





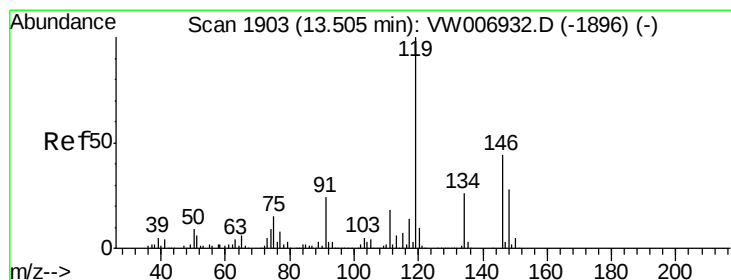
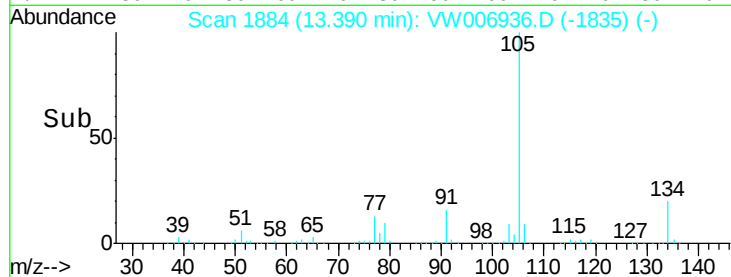
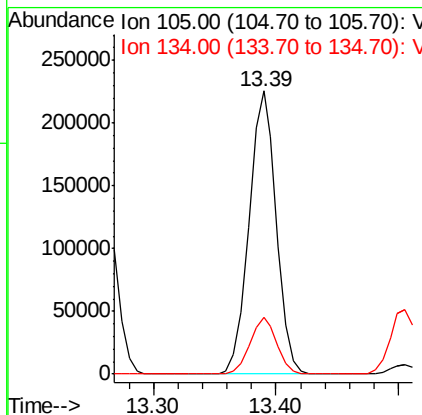
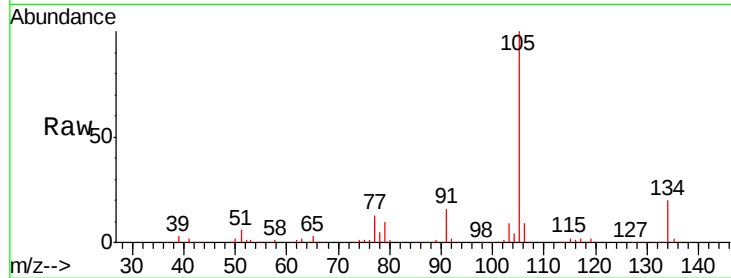
#85  
 sec-Butylbenzene  
 Concen: 44.26 ug/l  
 RT: 13.39 min Scan# 1884  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW111718

Tgt Ion:105 Resp: 318336  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.8 29.4

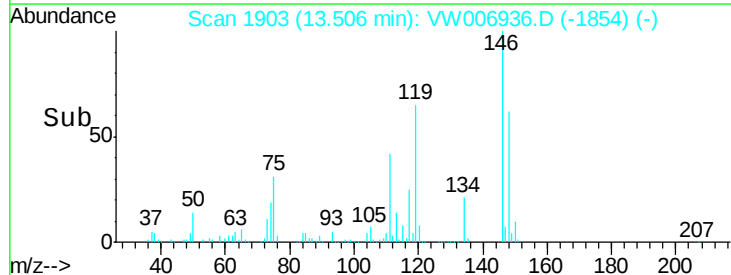
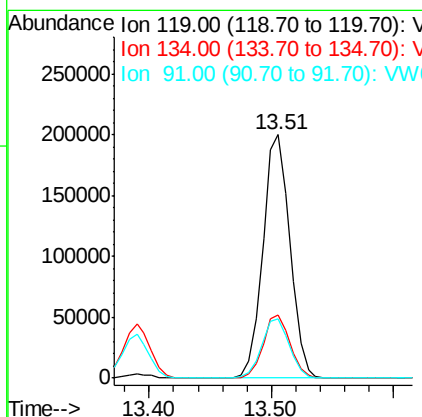
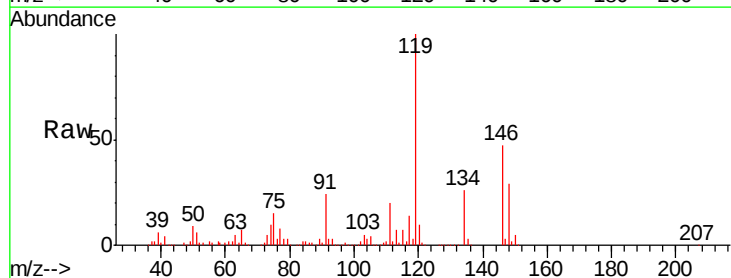
Manual Integrations  
 APPROVED

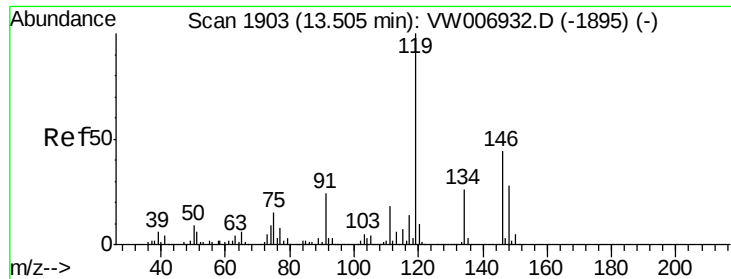
apatel  
 11/19/2018 3:29:38 PM



#86  
 p-Isopropyltoluene  
 Concen: 44.32 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Tgt Ion:119 Resp: 278624  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.7 38.1  
 91 25.0 12.4 37.2





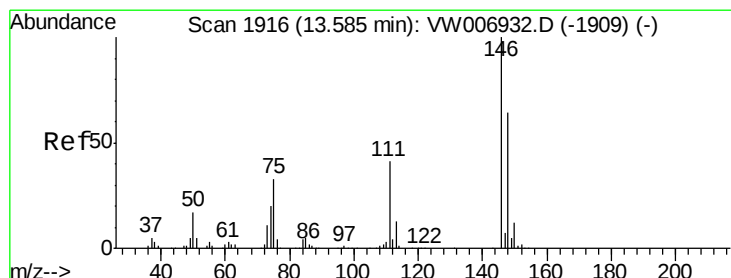
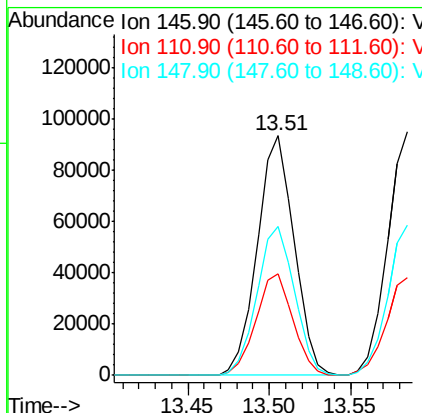
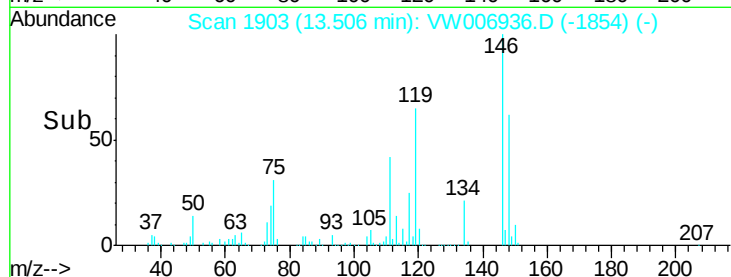
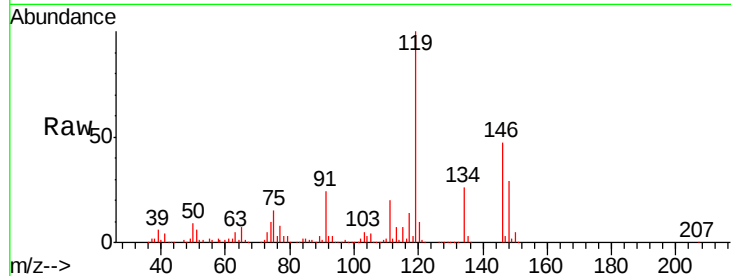
#87  
 1,3-Dichlorobenzene  
 Concen: 47.48 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW111718

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.8  | 21.3  | 63.9  |
| 148     | 63.4  | 31.9  | 95.9  |

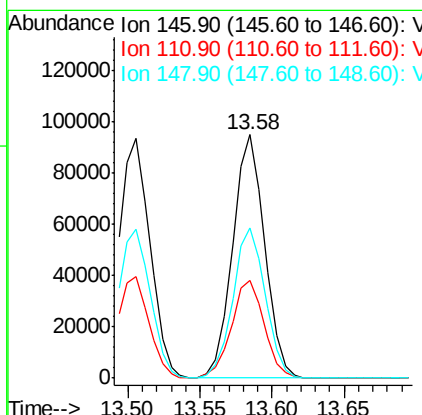
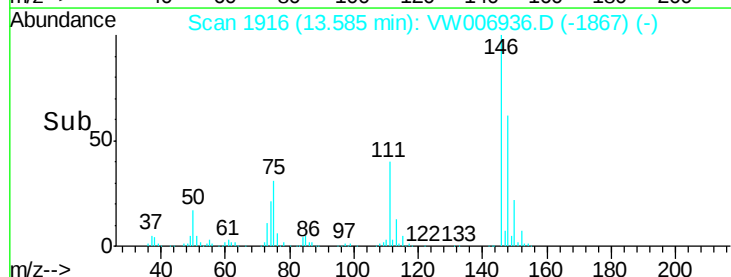
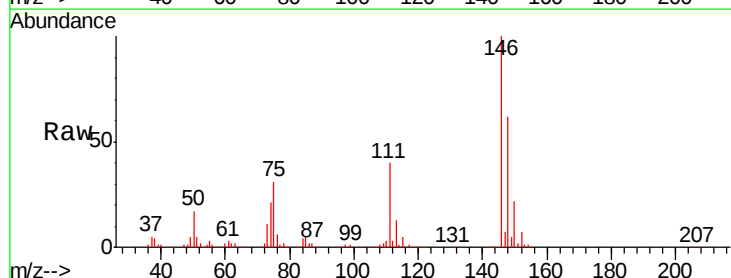
Manual Integrations  
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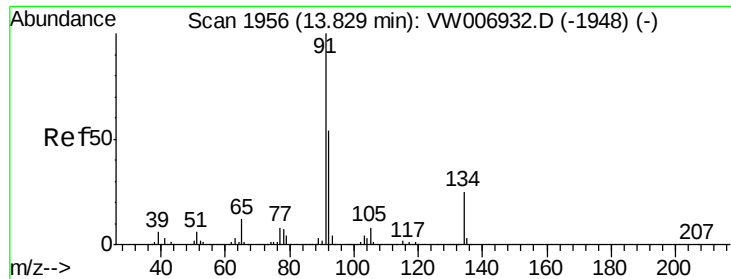
apatel  
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#88  
 1,4-Dichlorobenzene  
 Concen: 47.39 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.5  | 20.7  | 62.1  |
| 148     | 63.8  | 31.9  | 95.9  |





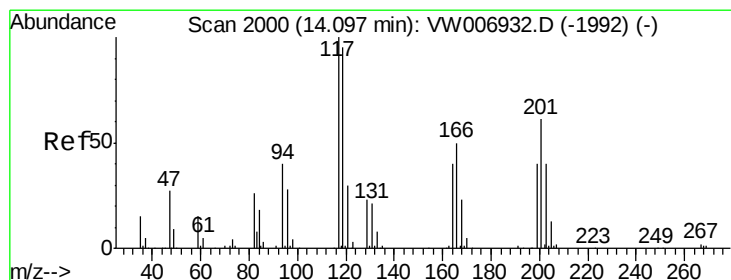
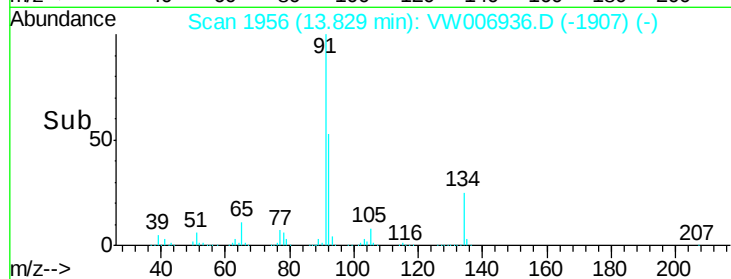
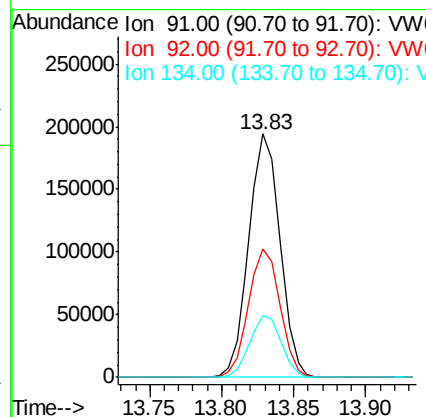
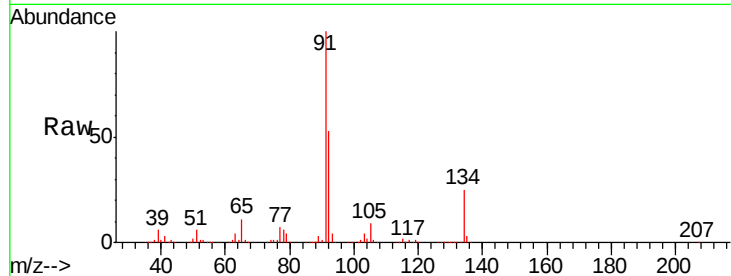
#89  
n-Butylbenzene  
Concen: 43.38 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW111718

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 258143 |       |       |
| 92      | 53.0  | 26.4   | 79.2  |       |
| 134     | 25.8  | 12.9   | 38.6  |       |

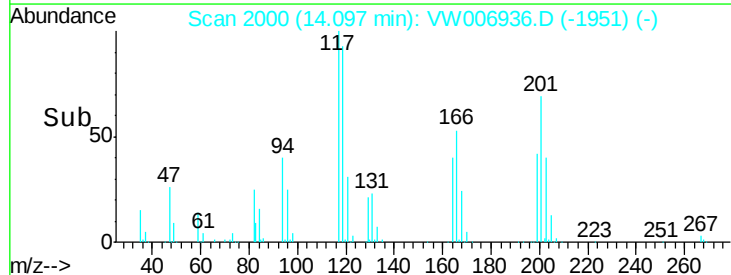
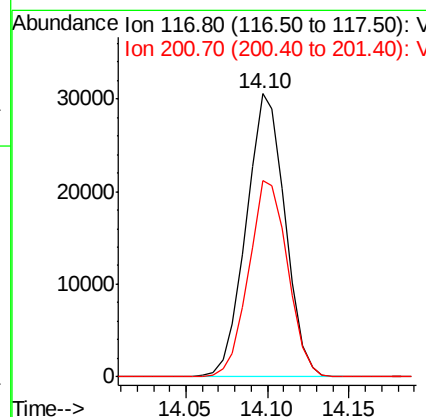
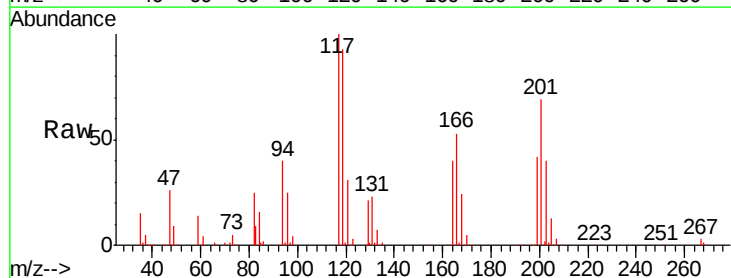
Manual Integrations  
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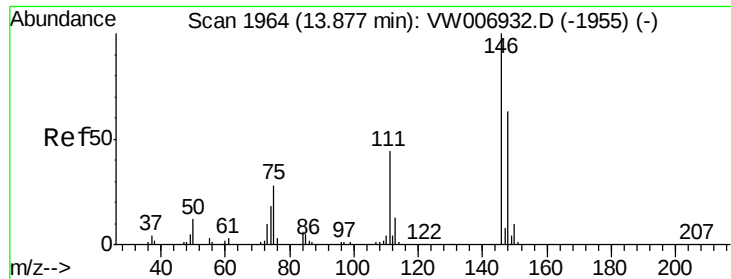
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#90  
Hexachloroethane  
Concen: 45.62 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: VW006936.D  
Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 46758 |       |       |
| 201     | 67.8  | 33.8  | 101.4 |       |





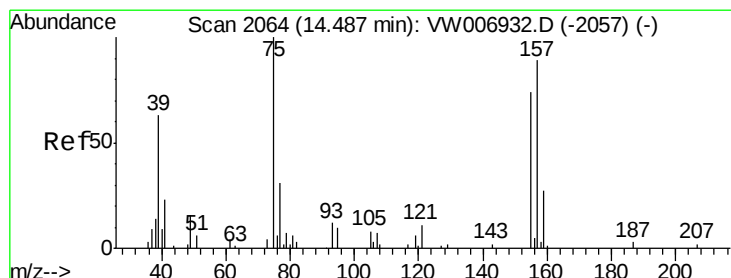
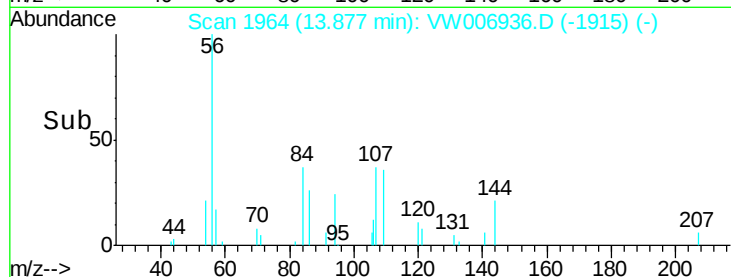
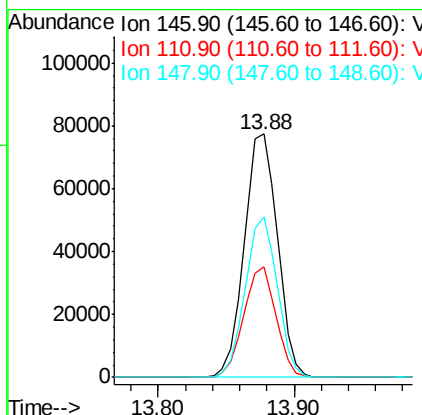
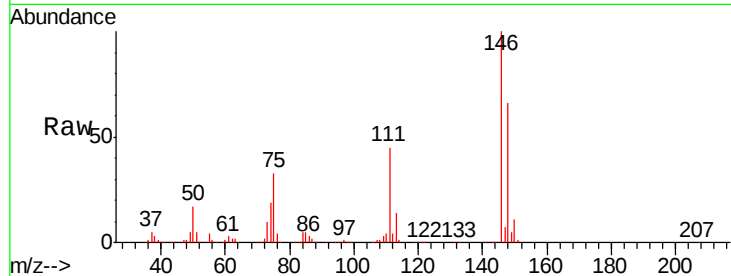
#91  
 1,2-Dichlorobenzene  
 Concen: 47.57 ug/l  
 RT: 13.88 min Scan# 1964  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW111718

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.1  | 22.6  | 67.7  |
| 148     | 63.9  | 31.7  | 95.1  |

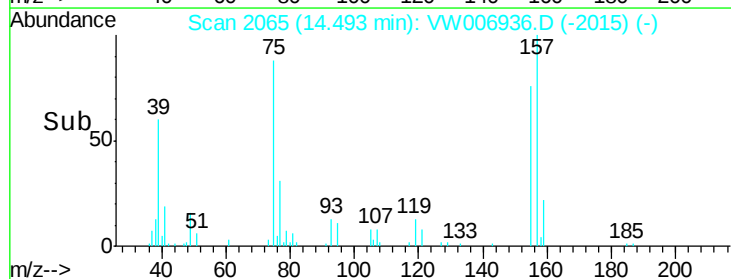
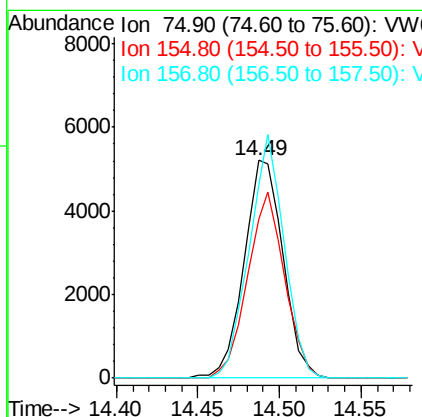
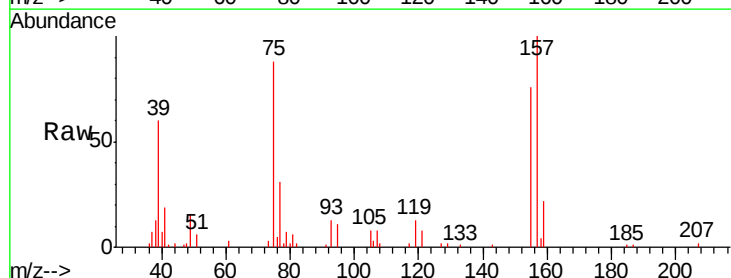
Manual Integrations  
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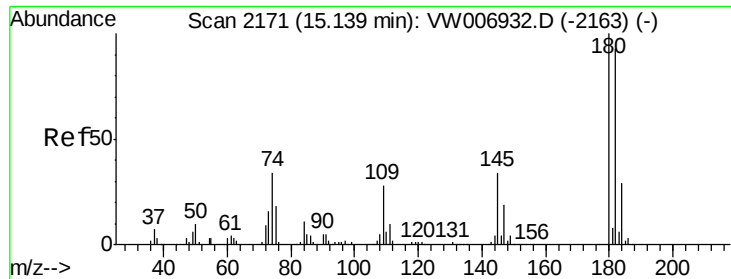
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.62 ug/l  
 RT: 14.49 min Scan# 2065  
 Delta R.T. 0.01 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 77.8  | 38.6  | 115.7 |
| 157     | 100.5 | 49.7  | 149.1 |





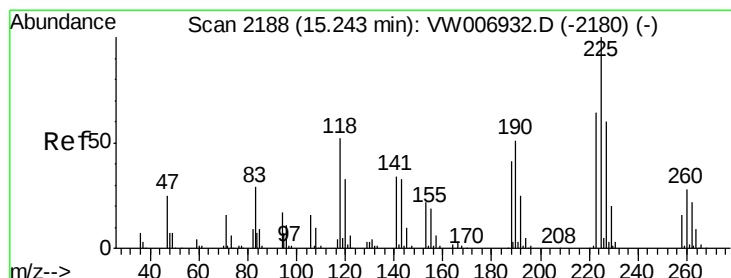
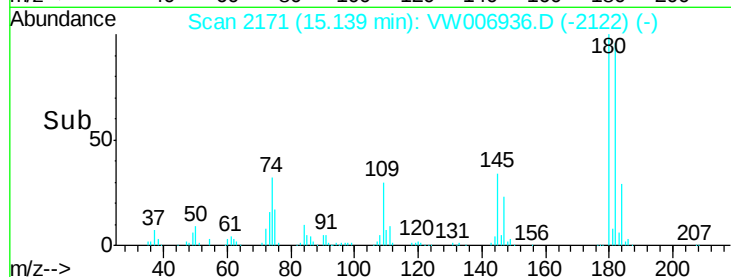
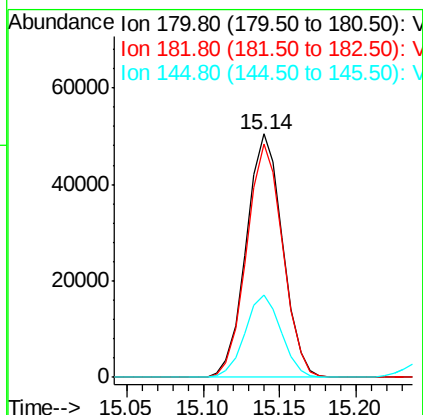
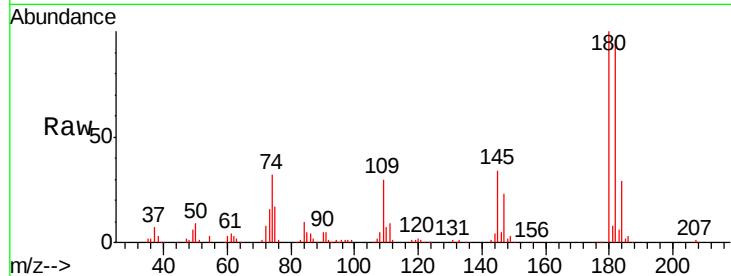
#93  
 1,2,4-Trichlorobenzene  
 Concen: 44.24 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW111718

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.4  | 47.3  | 141.9 |
| 145     | 33.9  | 16.8  | 50.4  |

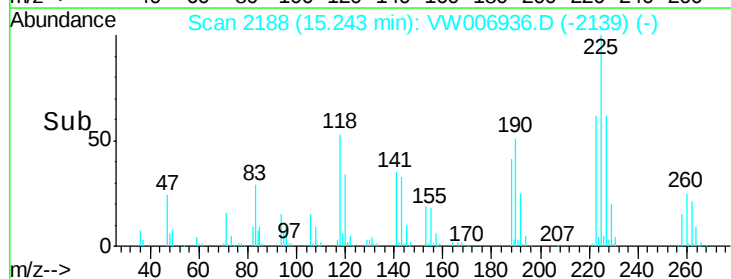
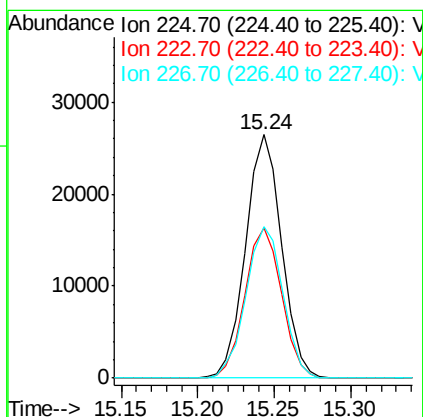
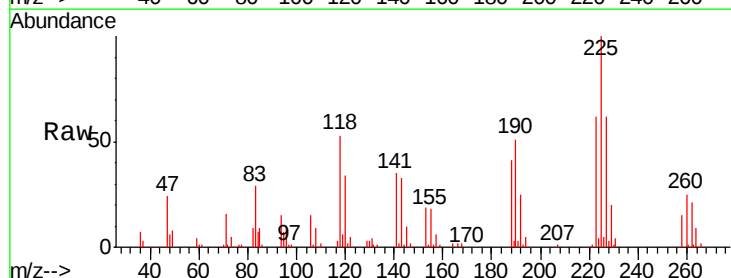
Manual Integrations  
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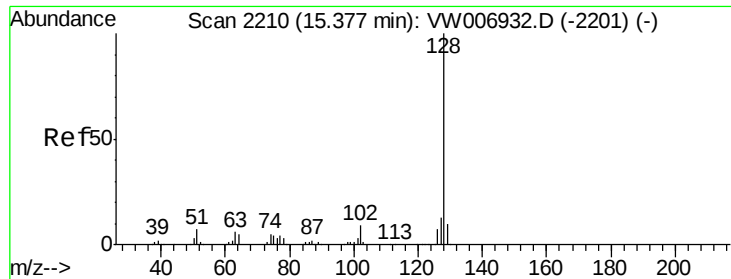
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#94  
 Hexachlorobutadiene  
 Concen: 41.17 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: VW006936.D  
 Acq: 17 Nov 2018 01:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.1  | 32.1  | 96.3  |
| 227     | 64.6  | 31.6  | 95.0  |





#95

Naphthalene

Concen: 46.10 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

Instrument :

MSVOA\_W

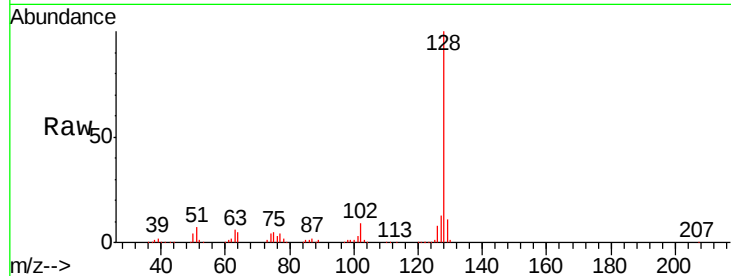
ClientSampleId :

ICVW111718

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 149314 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.6  | 15.8   |
| 129       | 11.0  | 8.5   | 12.7   |

Manual Integrations  
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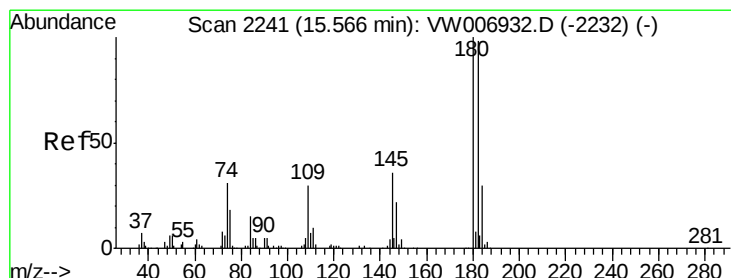
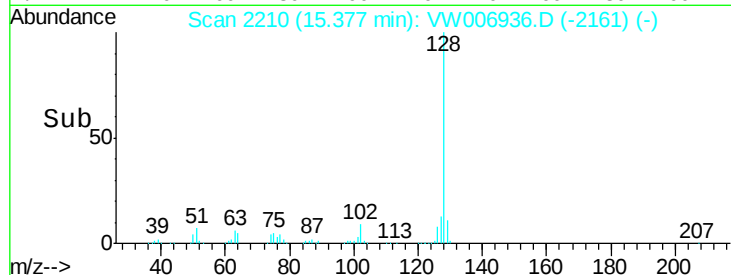
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.38

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 44.34 ug/l

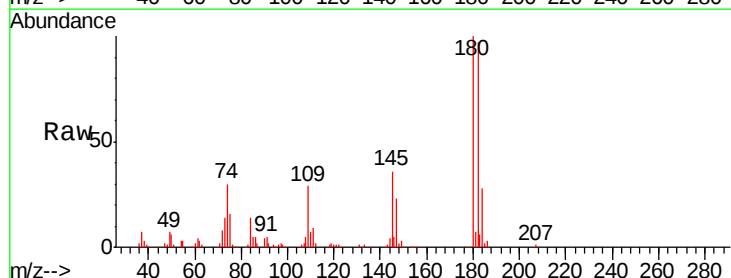
RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW006936.D

Acq: 17 Nov 2018 01:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 63896 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.3  | 47.4  | 142.2 |
| 145       | 36.7  | 17.6  | 52.9  |



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.57

Time-->

