

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\WV122018\  
 Data File : VW007690.D  
 Acq On : 19 Dec 2018 07:08  
 Operator : SY/AP  
 Sample : J6386-13MS  
 Misc : 5.66G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS006-1824-01MS

Manual Integrations  
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apatel  
 12/19/2018 12:15:52 PM

Quant Time: Dec 19 08:54:32 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W121118S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 11 02:58:16 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 50424    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 84358    | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 65743    | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 24002    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 31688    | 56.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 113.28% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 28300    | 55.42 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.84% |      |
| 50) Toluene-d8            | 10.32  | 98  | 89855    | 46.93 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.86%  |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 28649    | 40.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 81.40%  |      |

## Target Compounds

|                               |      |     |       |         |        | Qvalue |
|-------------------------------|------|-----|-------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 18749 | 53.209  | ug/l   | 94     |
| 3) Chloromethane              | 2.21 | 50  | 13404 | 45.420  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.37 | 62  | 17286 | 49.914  | ug/l   | 95     |
| 5) Bromomethane               | 2.78 | 94  | 12101 | 52.006  | ug/l   | 95     |
| 6) Chloroethane               | 2.93 | 64  | 10317 | 54.119  | ug/l   | 93     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 18639 | 59.864  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.68 | 74  | 15690 | 64.385  | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 24163 | 47.033  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.26 | 142 | 44520 | 52.323  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 5.17 | 59  | 11266 | 293.234 | ug/l   | 96     |
| 12) 1,1-Dichloroethene        | 4.03 | 96  | 26926 | 54.435  | ug/l   | 99     |
| 14) Allyl chloride            | 4.67 | 41  | 37279 | 51.129  | ug/l   | 95     |
| 15) Acrylonitrile             | 5.36 | 53  | 30922 | 301.002 | ug/l   | 98     |
| 16) Acetone                   | 4.12 | 43  | 57893 | 592.480 | ug/l   | 100    |
| 17) Carbon Disulfide          | 4.37 | 76  | 73138 | 48.765  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.67 | 43  | 48130 | 181.484 | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 49017 | 65.689  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.92 | 84  | 31604 | 59.922  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 30360 | 54.867  | ug/l   | 96     |
| 22) Diisopropyl ether         | 6.31 | 45  | 75923 | 54.174  | ug/l   | 96     |
| 23) Vinyl Acetate             | 6.31 | 43  | 42945 | 54.785  | ug/l # | 73     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 53507 | 56.490  | ug/l   | 99     |
| 25) 2-Butanone                | 7.17 | 43  | 35419 | 277.655 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 33314 | 53.143  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 33891 | 55.937  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 19556 | 54.889  | ug/l # | 4      |
| 29) Tetrahydrofuran           | 7.52 | 42  | 24275 | 300.594 | ug/l   | 93     |
| 30) Chloroform                | 7.68 | 83  | 60256 | 58.457  | ug/l   | 99     |
| 31) Cyclohexane               | 7.95 | 56  | 29433 | 33.868  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 50933 | 56.347  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 39088 | 50.794  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.25 | 43  | 1440  | 5.031   | ug/l # | 75     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 45668 | 54.540  | ug/l   | 94     |
| 39) Methylcyclohexane         | 9.34 | 83  | 25086 | 26.921  | ug/l   | 98     |

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 P001-SS006-1824-01MS

Manual Integrations  
 APPROVED

apatel  
 12/19/2018 12:15:52 PM

Quant Time: Dec 19 08:54:32 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W121118S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 11 02:58:16 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 40) Benzene                    | 8.32  | 78   | 117610   | 55.071   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.48  | 41   | 7752     | 47.561   | ug/l # | 87       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 44360    | 66.124   | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 8407     | 14.870   | ug/l # | 53       |
| 44) Trichloroethene            | 9.09  | 130  | 31816    | 52.171   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 28392    | 57.450   | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 17835    | 63.548   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.65  | 83   | 44390    | 60.299   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.43  | 41   | 18940    | 65.228   | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 5376     | 1180.558 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 81153    | 303.786  | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 72112    | 52.177   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 39545    | 55.332   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 43851    | 53.077   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 23915    | 62.610   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 3952     | 8.608    | ug/l # | 75       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 38999    | 62.205   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 66672    | 314.909  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.97 | 43   | 42539    | 238.811  | ug/l   | 96       |
| 60) Dibromochloromethane       | 11.13 | 129  | 29636    | 61.480   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 23186    | 61.424   | ug/l   | 96       |
| 64) Tetrachloroethene          | 10.87 | 164  | 20588    | 43.547   | ug/l   | 95       |
| 65) Chlorobenzene              | 11.66 | 112  | 73955    | 53.970   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 30386    | 62.961   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 120733   | 51.247   | ug/l   | 91       |
| 68) m/p-Xylenes                | 11.84 | 106  | 91384    | 99.778   | ug/l   | 98       |
| 69) o-Xylene                   | 12.17 | 106  | 44352    | 51.851   | ug/l   | 97       |
| 70) Styrene                    | 12.18 | 104  | 67247    | 48.673   | ug/l   | 97       |
| 71) Bromoform                  | 12.35 | 173  | 16426    | 66.496   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.47 | 105  | 102519   | 55.743   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.27 | 43   | 1310     | 3.919    | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 23893    | 87.714   | ug/l   | 92       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 19656m   | 99.321   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 28242    | 69.278   | ug/l   | 95       |
| 78) n-propylbenzene            | 12.81 | 91   | 105201   | 50.828   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 68491    | 54.689   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 78767    | 50.971   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 6580     | 73.446   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 72073    | 54.595   | ug/l   | 96       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 63842    | 46.886   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 81119    | 51.011   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 73452    | 39.516   | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 65394    | 39.160   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 41219    | 50.713   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 43284    | 52.971   | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.83 | 91   | 46341    | 29.935   | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 11312    | 38.071   | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 39533    | 54.304   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 4503     | 82.376   | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene     | 15.14 | 180  | 13939    | 27.823   | ug/l   | 92       |

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Sample : J6386-13MS  
Misc : 5.66G/5ML/MSVOA\_W/SOIL  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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Quant Title : SW846 8260  
QLast Update : Tue Dec 11 02:58:16 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene    | 15.24 | 225  | 4196     | 15.785 | ug/l  | 97       |
| 95) Naphthalene            | 15.38 | 128  | 40586    | 42.347 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 11696    | 26.875 | ug/l  | 97       |

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

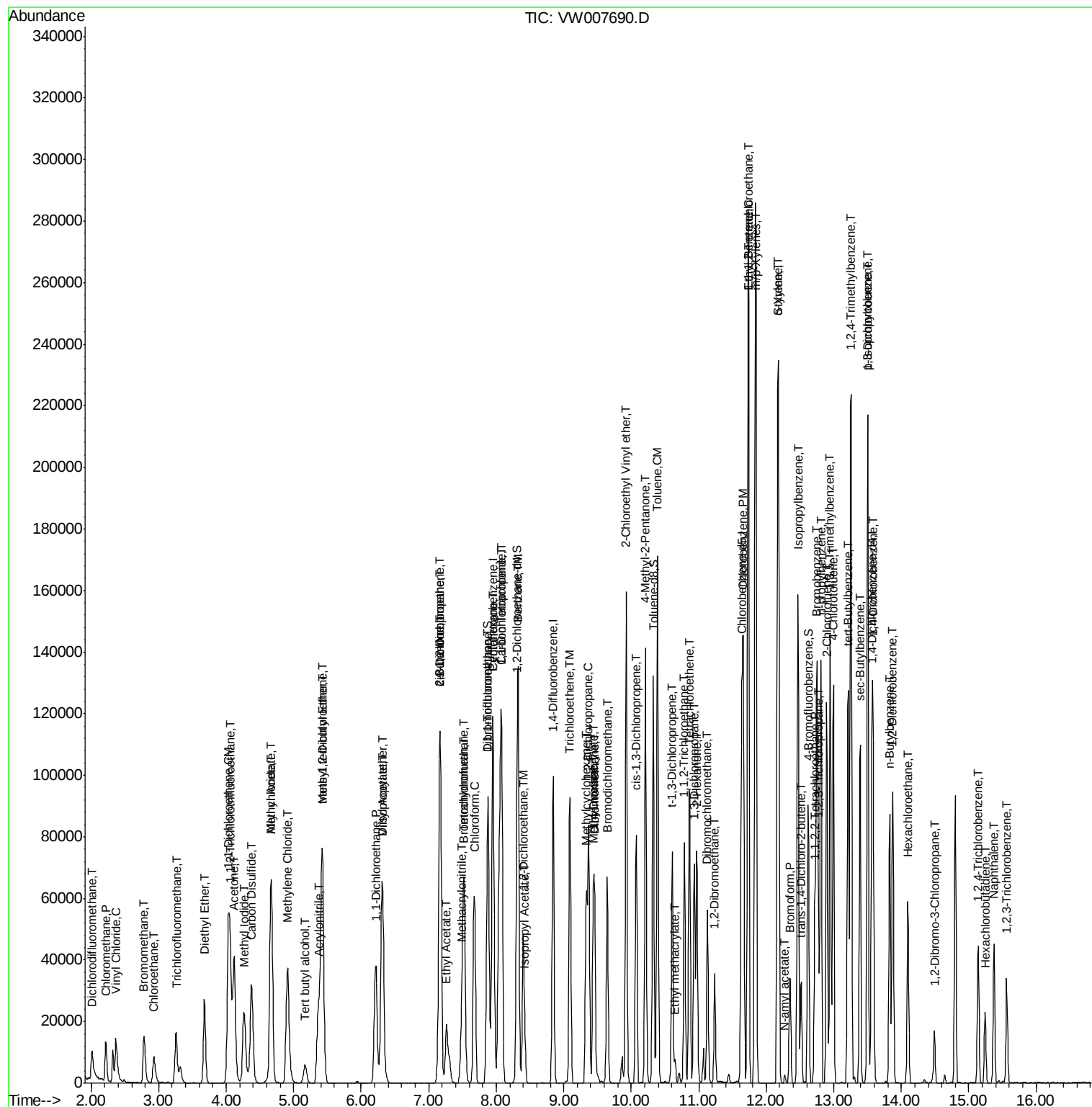
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 Data File : VW007690.D  
 Acq On : 19 Dec 2018 07:08  
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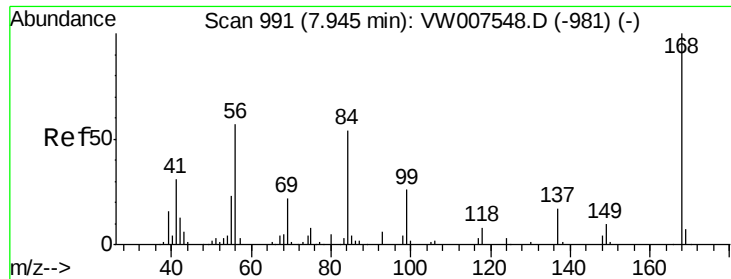
Instrument :  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

ClientSampleId :

P001-SS006-1824-01MS

Tgt Ion: 168 Resp: 50424

Ion Ratio Lower Upper

168 100

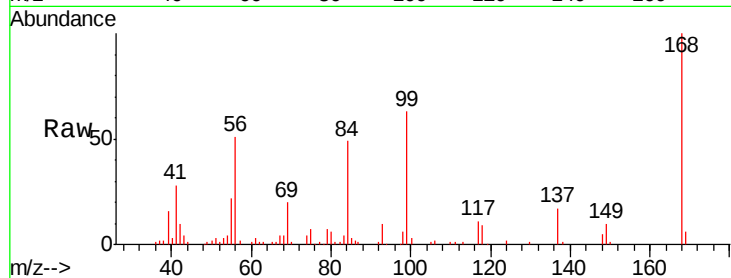
99 62.8 48.3 72.5

Manual Integrations

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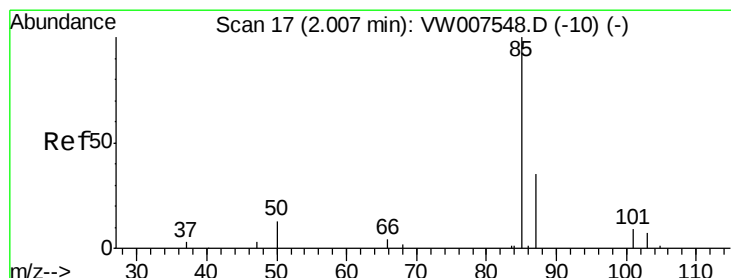
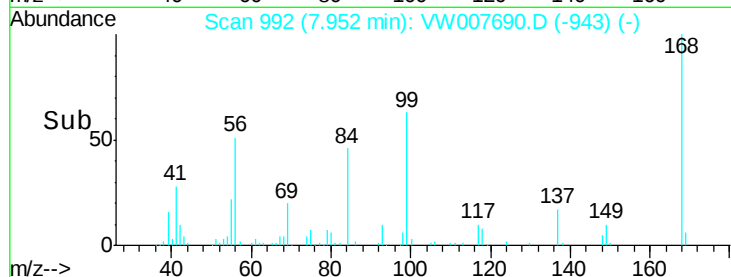
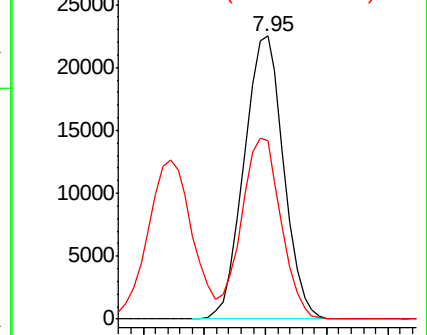
apatel

12/19/2018 12:15:52 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 53.209 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007690.D

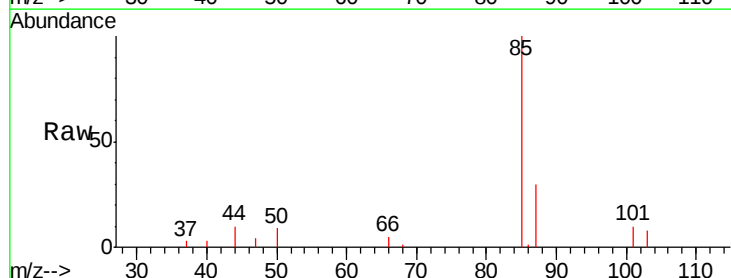
Acq: 19 Dec 2018 07:08

Tgt Ion: 85 Resp: 18749

Ion Ratio Lower Upper

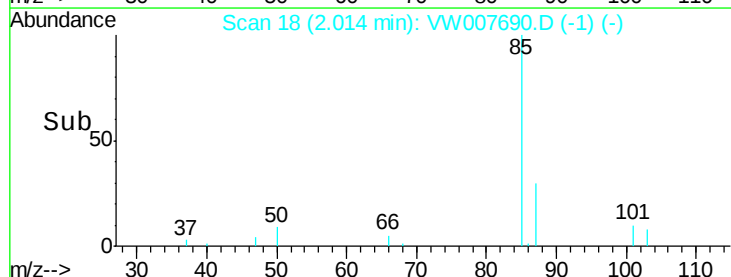
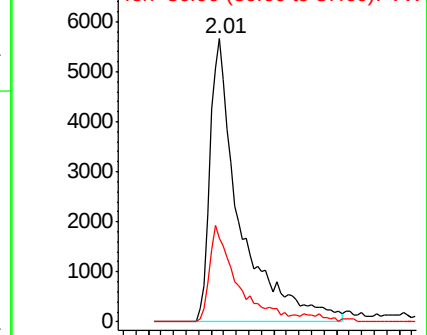
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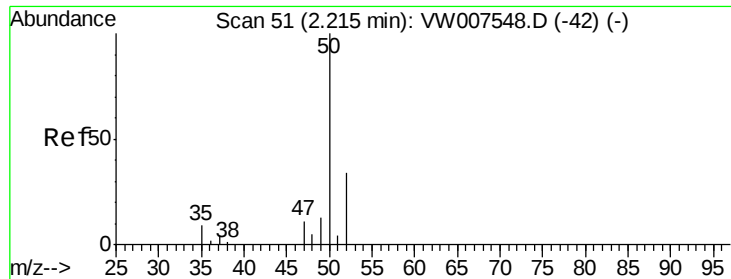
87 29.8 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.420 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

ClientSampleId :

P001-SS006-1824-01MS

Tgt Ion: 50 Resp: 13404

Ion Ratio Lower Upper

50 100

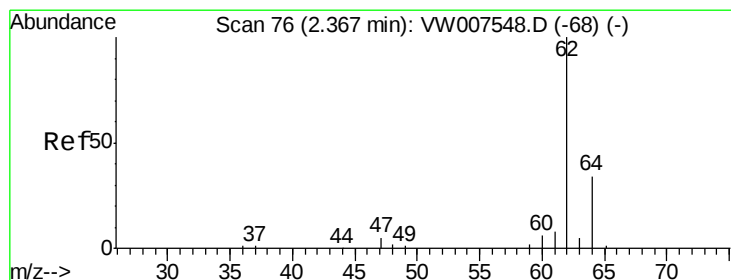
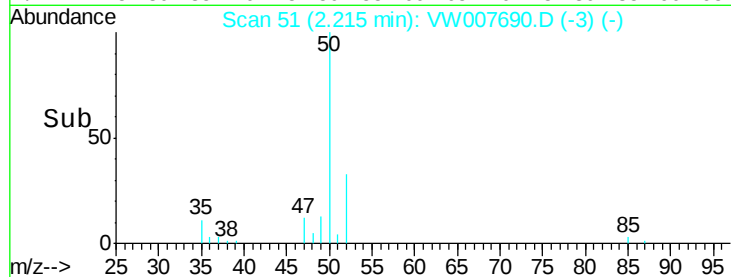
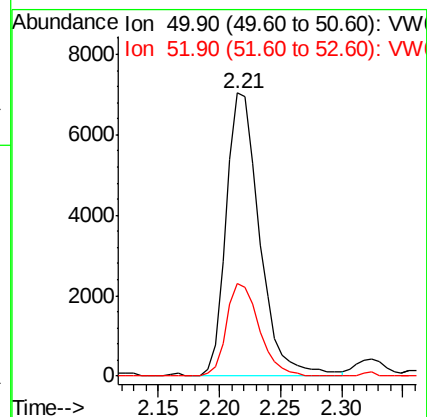
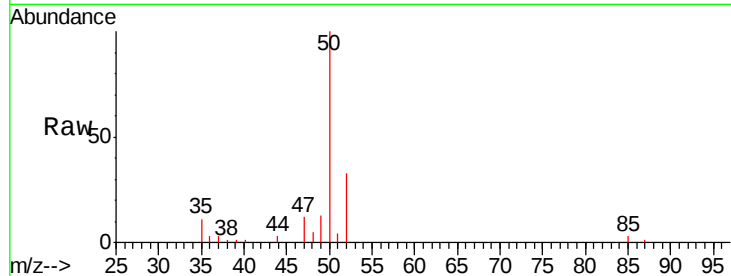
52 32.6 27.4 41.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.914 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW007690.D

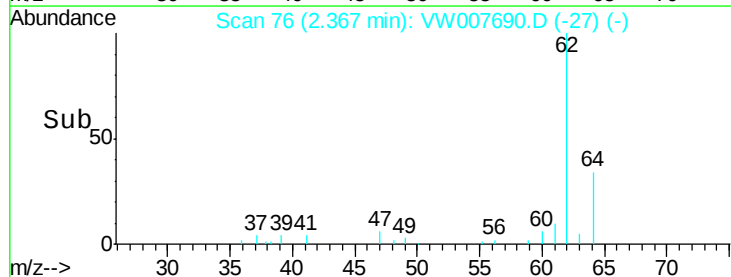
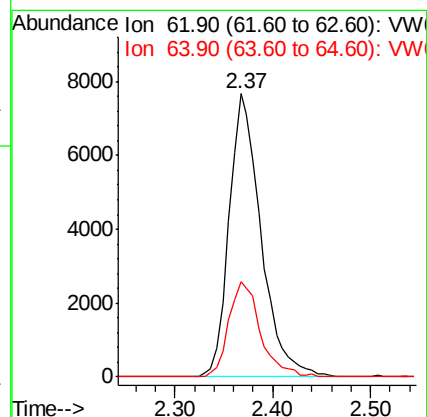
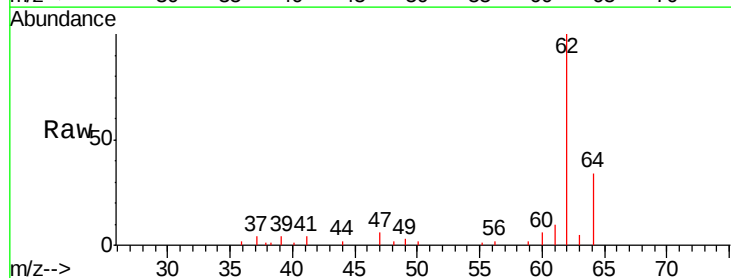
Acq: 19 Dec 2018 07:08

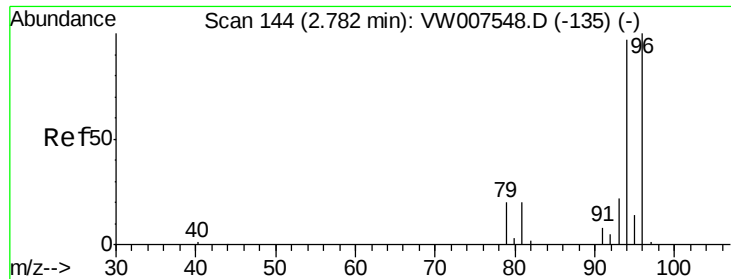
Tgt Ion: 62 Resp: 17286

Ion Ratio Lower Upper

62 100

64 33.6 24.6 37.0





#5

Bromomethane

Concen: 52.006 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

ClientSampleId :

P001-SS006-1824-01MS

Tgt Ion: 94 Resp: 12101

Ion Ratio Lower Upper

94 100

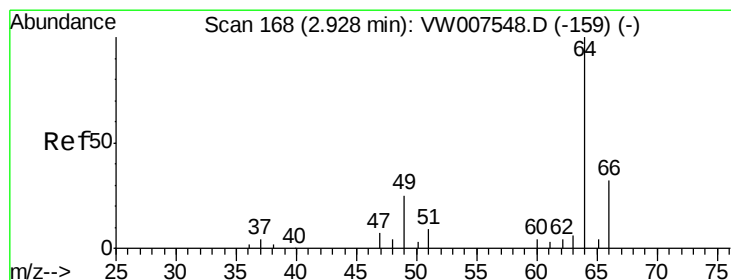
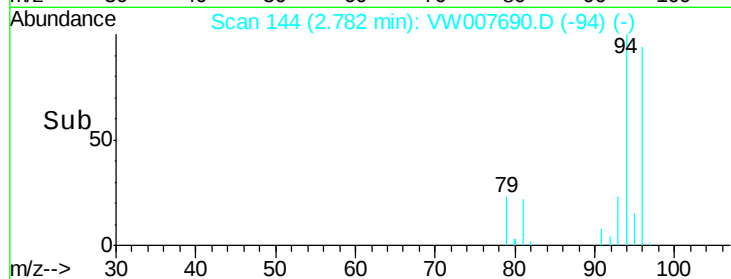
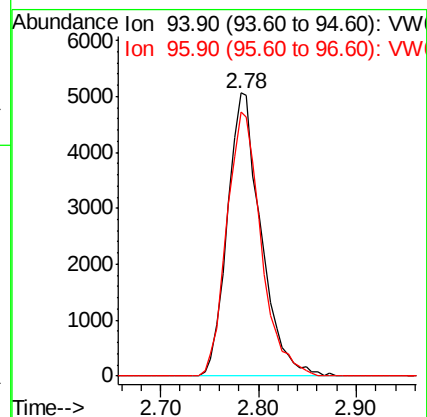
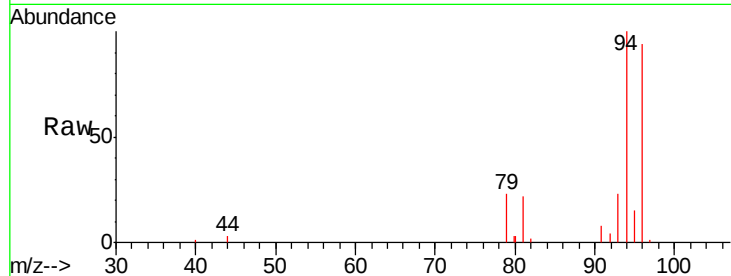
96 93.5 71.0 106.4

Manual Integrations

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12/19/2018 12:15:52 PM



#6

Chloroethane

Concen: 54.119 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007690.D

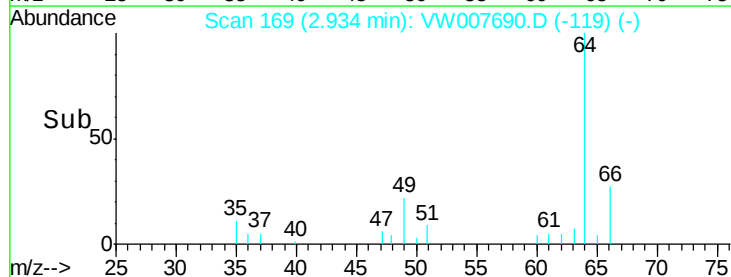
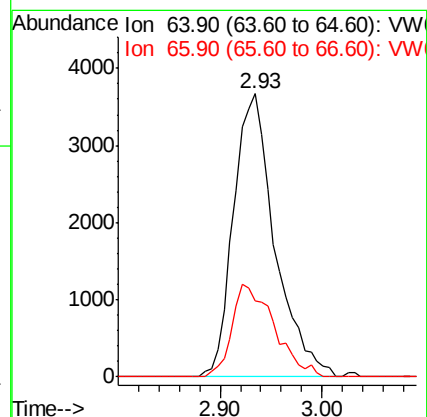
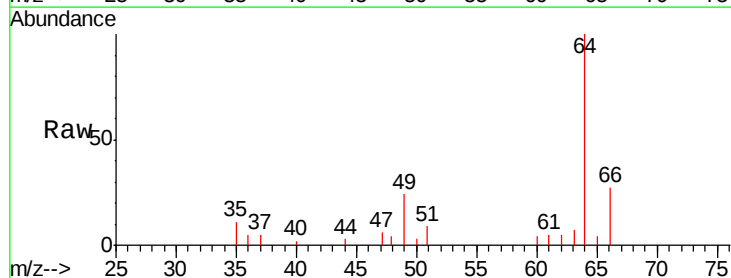
Acq: 19 Dec 2018 07:08

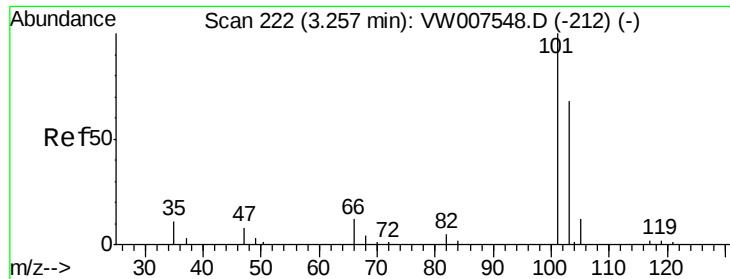
Tgt Ion: 64 Resp: 10317

Ion Ratio Lower Upper

64 100

66 27.0 24.6 37.0





#7

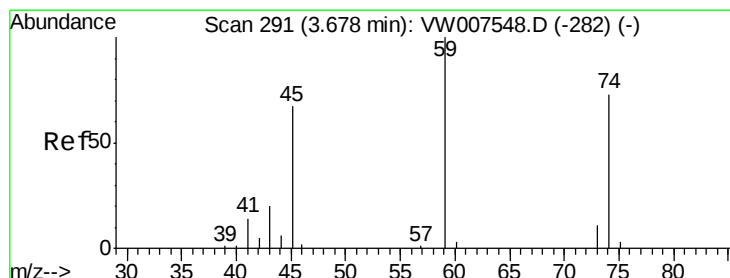
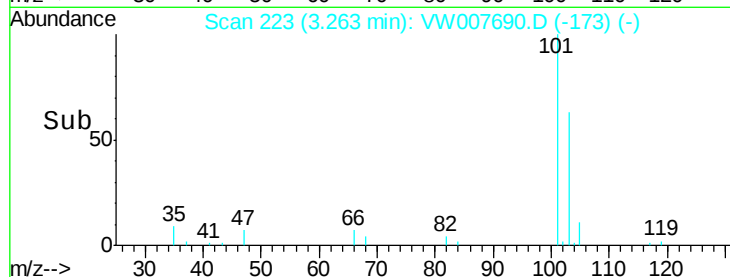
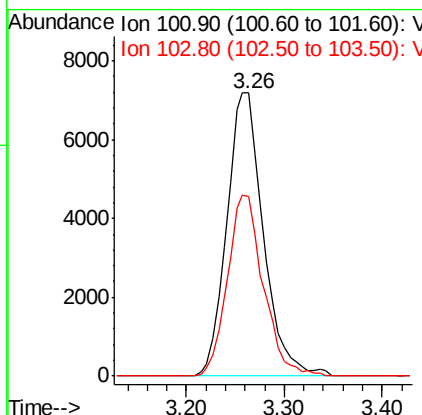
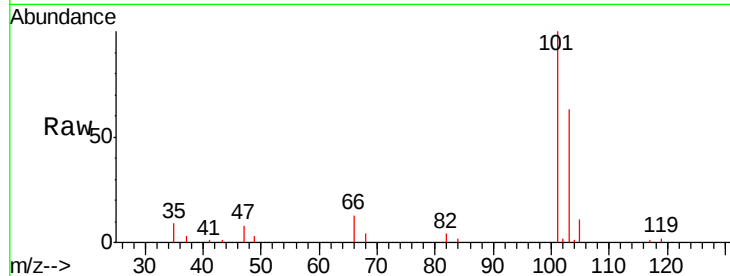
Trichlorofluoromethane  
 Concen: 59.864 ug/l  
 RT: 3.26 min Scan# 223  
 Delta R.T. 0.01 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS006-1824-01MS

Tgt Ion: 101 Resp: 18639  
 Ion Ratio Lower Upper  
 101 100  
 103 63.3 51.7 77.5

Manual Integrations  
 APPROVED

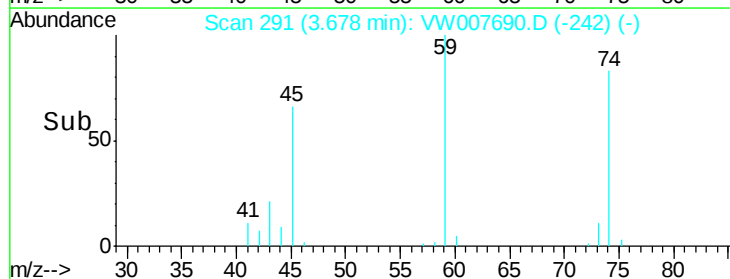
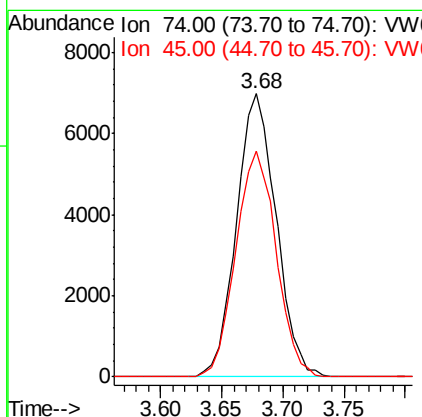
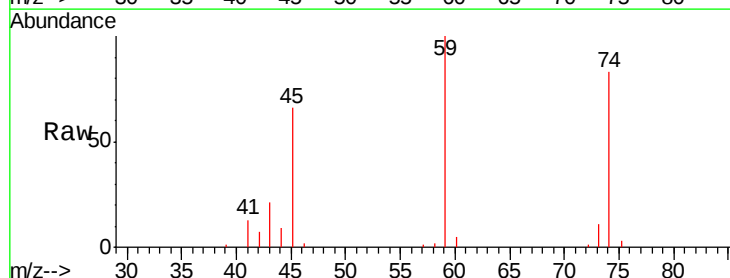
apatel  
 12/19/2018 12:15:52 PM

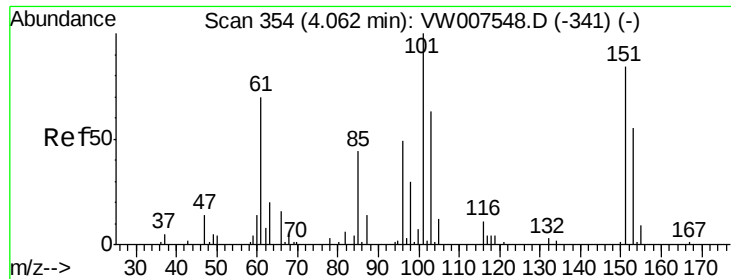


#8

Diethyl Ether  
 Concen: 64.385 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Tgt Ion: 74 Resp: 15690  
 Ion Ratio Lower Upper  
 74 100  
 45 81.3 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.033 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

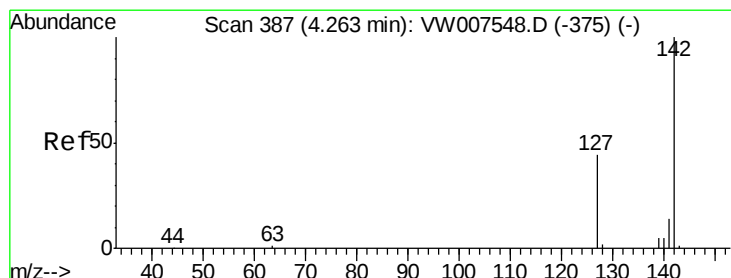
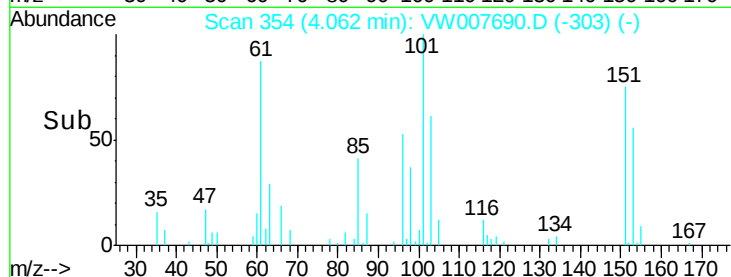
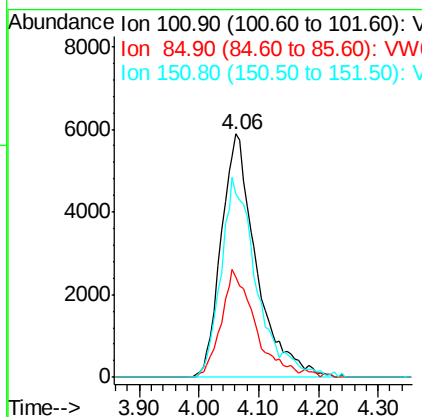
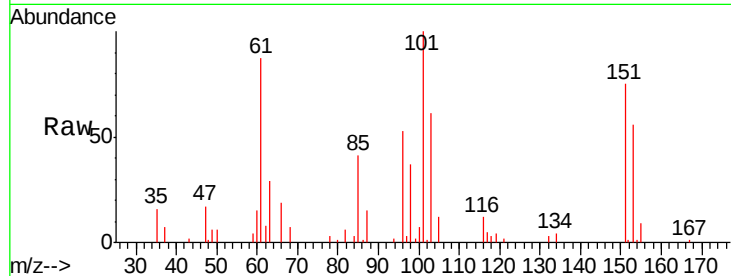
ClientSampleId :

P001-SS006-1824-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 24163 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.3  | 33.9  | 50.9  |
| 151       | 82.9  | 63.7  | 95.5  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 52.323 ug/l

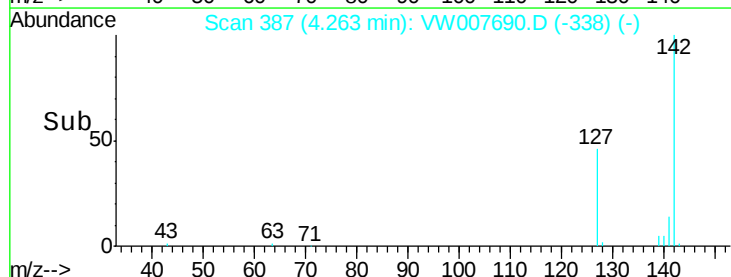
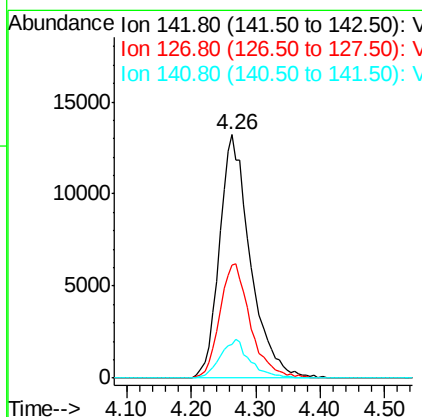
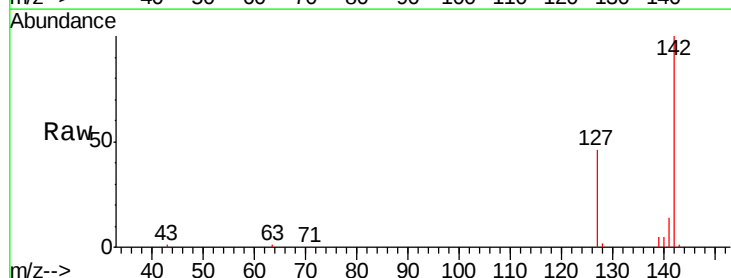
RT: 4.26 min Scan# 387

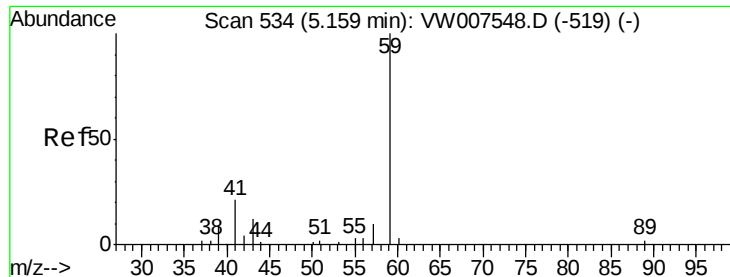
Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 44520 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 46.7  | 35.8  | 53.6  |
| 141       | 15.0  | 11.1  | 16.7  |





#11

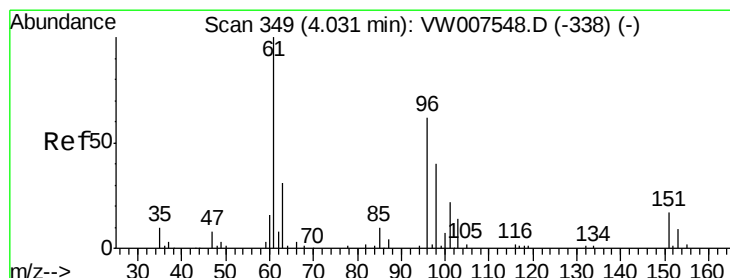
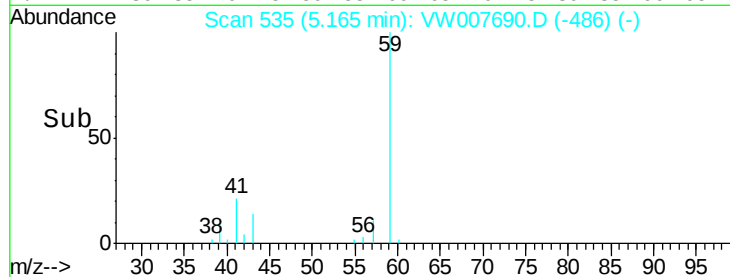
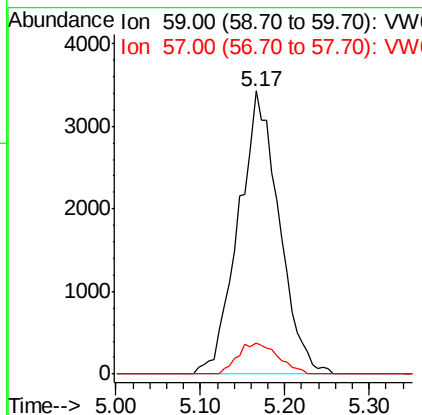
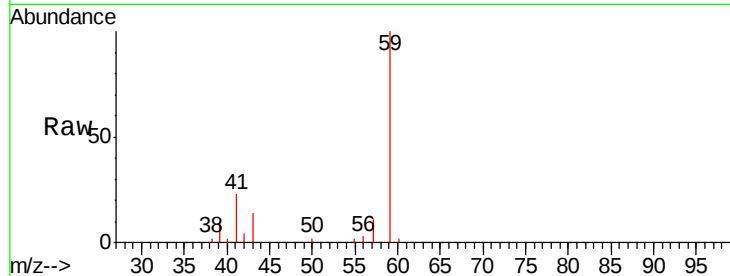
Tert butyl alcohol  
 Concen: 293.234 ug/l  
 RT: 5.17 min Scan# 535  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS006-1824-01MS

Tgt Ion: 59 Resp: 11266  
 Ion Ratio Lower Upper  
 59 100  
 57 10.9 7.6 11.4

Manual Integrations  
 APPROVED

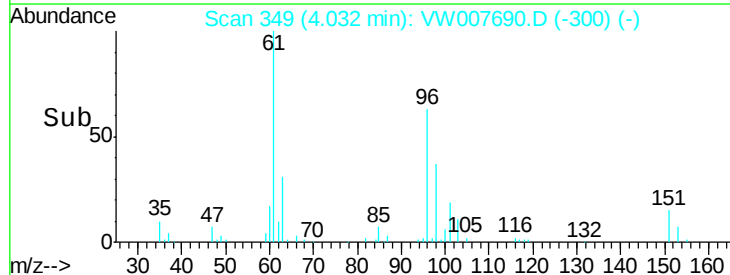
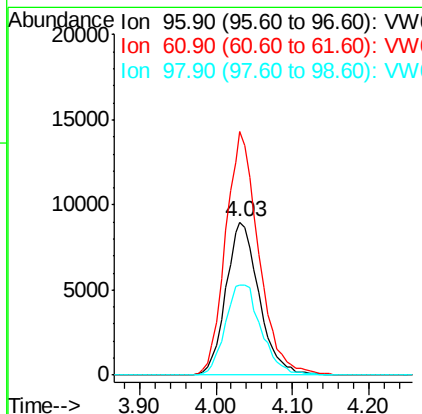
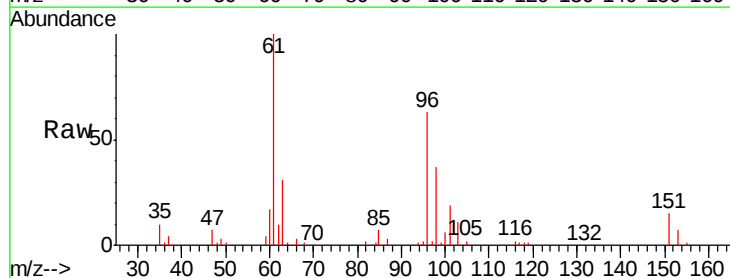
apatel  
 12/19/2018 12:15:52 PM

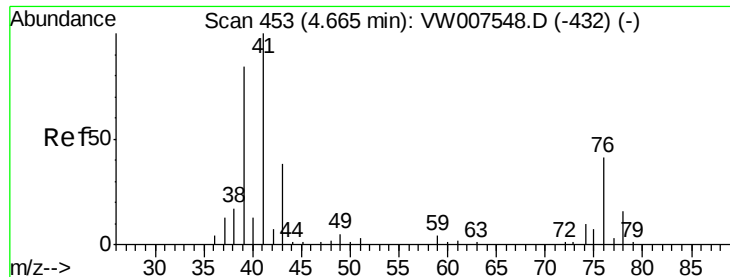


#12

1,1-Dichloroethene  
 Concen: 54.435 ug/l  
 RT: 4.03 min Scan# 349  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Tgt Ion: 96 Resp: 26926  
 Ion Ratio Lower Upper  
 96 100  
 61 158.8 126.2 189.2  
 98 59.0 48.3 72.5





#14

Allyl chloride

Concen: 51.129 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

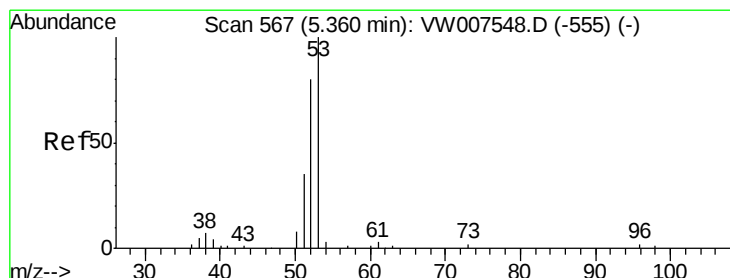
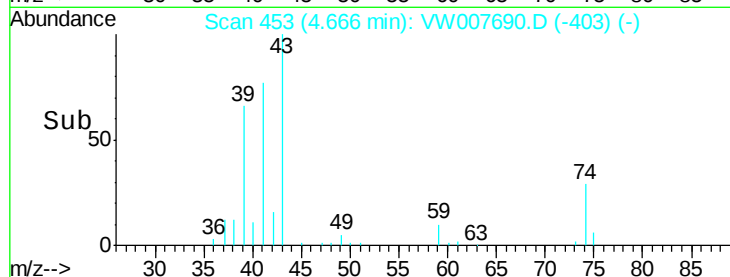
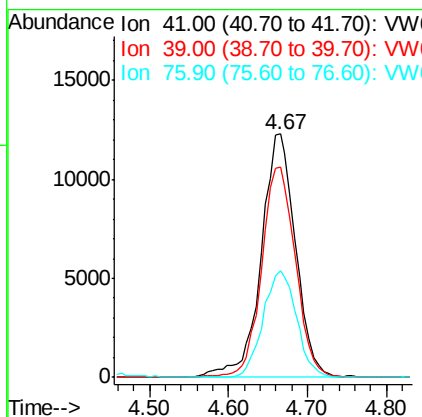
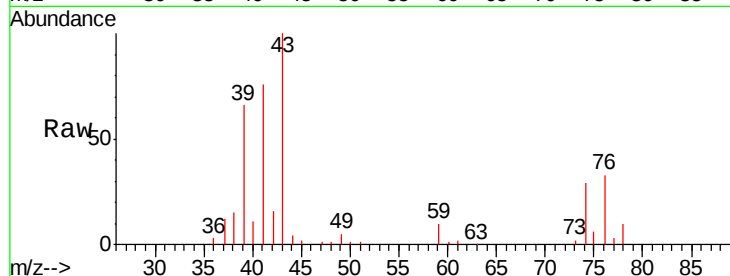
ClientSampleId :

P001-SS006-1824-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 37279 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 85.0  | 63.4  | 95.2  |
| 76        | 42.2  | 32.1  | 48.1  |

Manual Integrations  
APPROVED

apatel  
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#15

Acrylonitrile

Concen: 301.002 ug/l

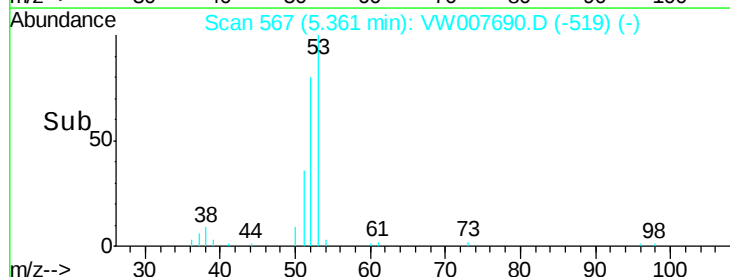
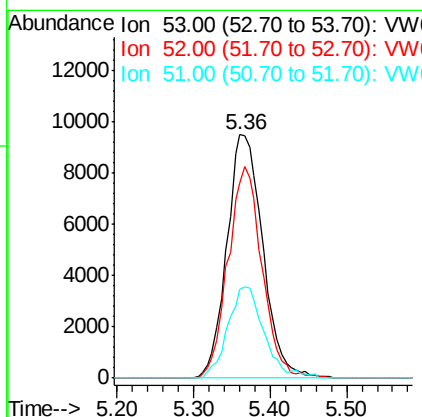
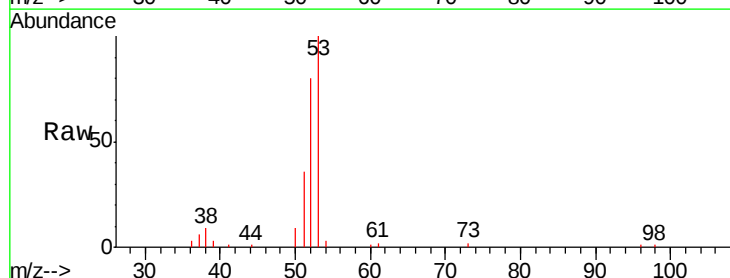
RT: 5.36 min Scan# 567

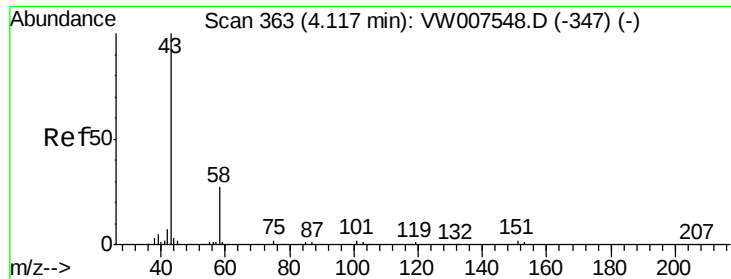
Delta R.T. -0.01 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 53    | Resp: | 30922 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 82.0  | 67.4  | 101.2 |
| 51        | 37.8  | 30.2  | 45.2  |





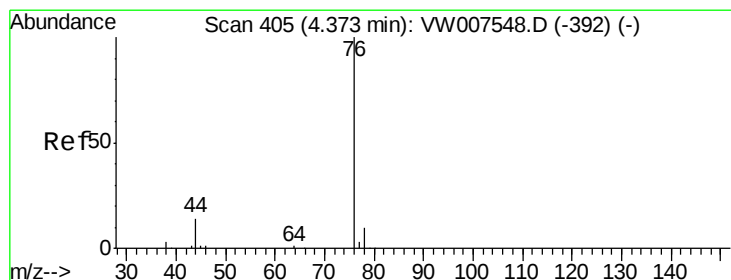
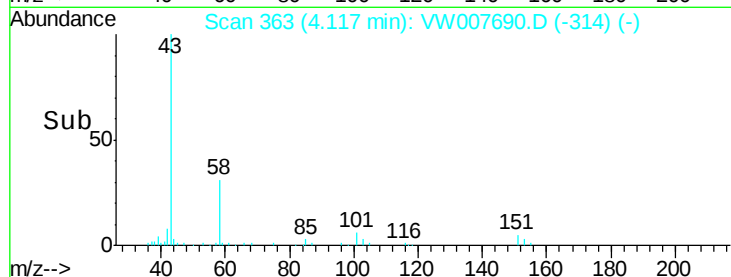
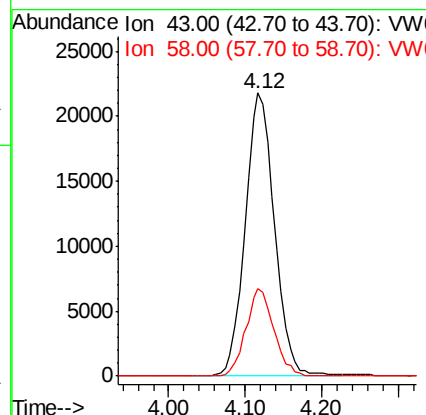
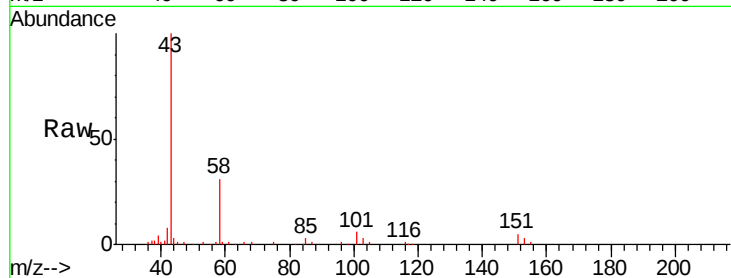
#16  
Acetone  
Concen: 592.480 ug/l  
RT: 4.12 min Scan# 363  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

Tgt Ion: 43 Resp: 57893  
Ion Ratio Lower Upper  
43 100  
58 31.1 24.9 37.3

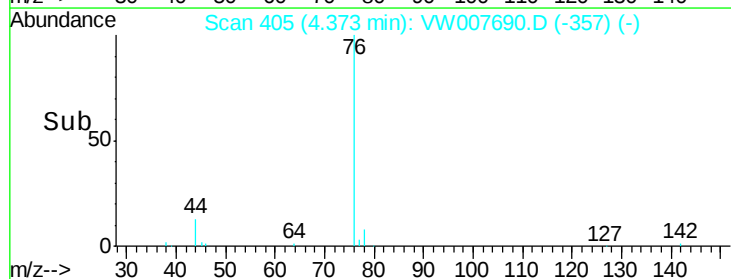
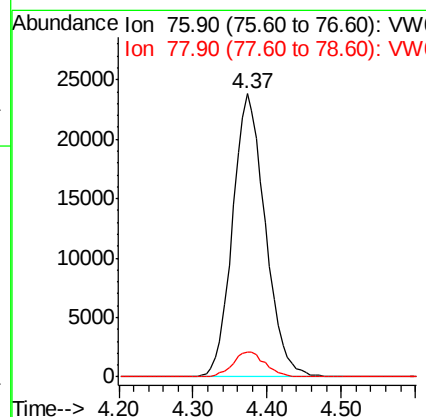
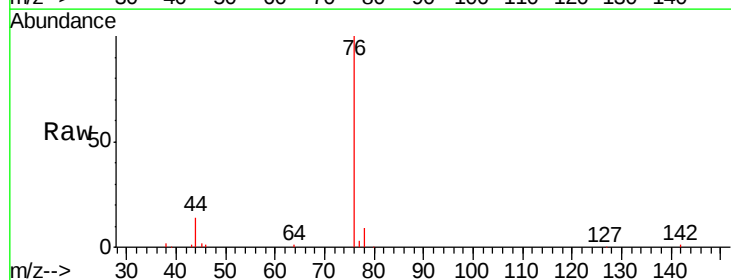
Manual Integrations  
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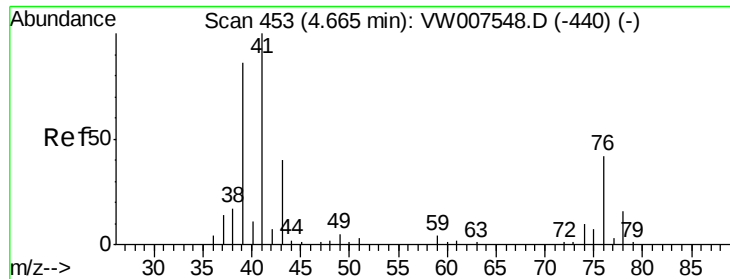
apatel  
12/19/2018 12:15:52 PM



#17  
Carbon Disulfide  
Concen: 48.765 ug/l  
RT: 4.37 min Scan# 405  
Delta R.T. -0.01 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Tgt Ion: 76 Resp: 73138  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.1 10.7





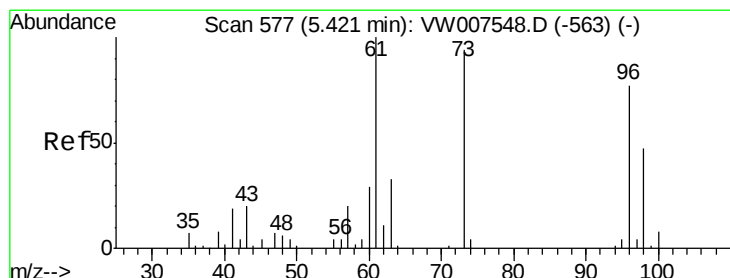
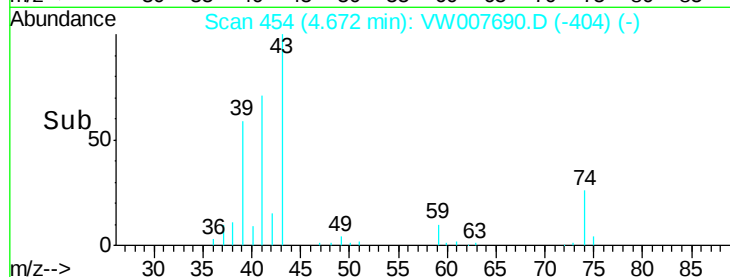
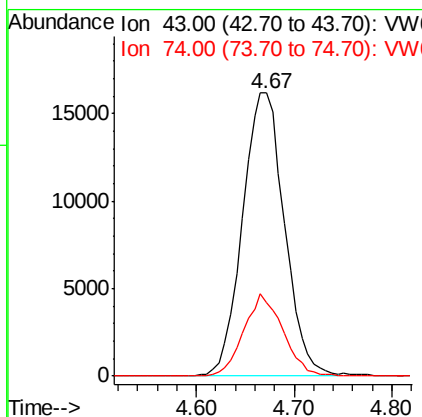
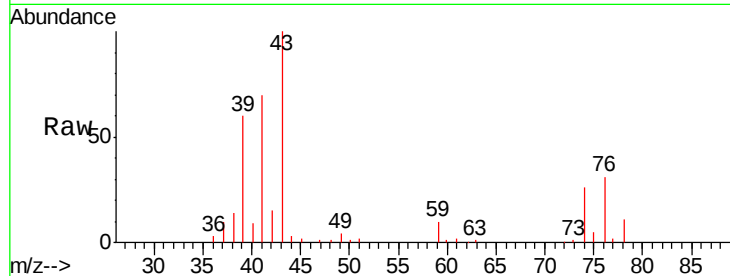
#18  
Methyl Acetate  
Concen: 181.484 ug/l  
RT: 4.67 min Scan# 454  
Delta R.T. 0.01 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

Tgt Ion: 43 Resp: 48130  
Ion Ratio Lower Upper  
43 100  
74 27.0 21.1 31.7

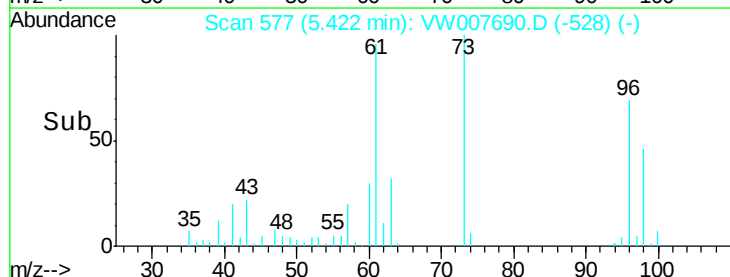
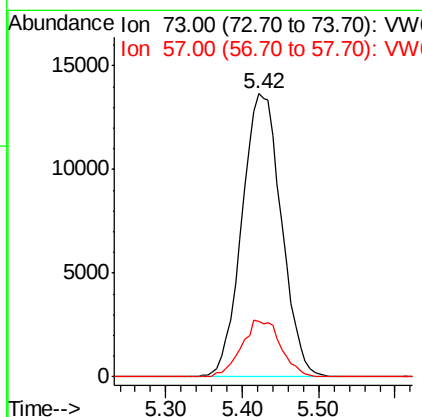
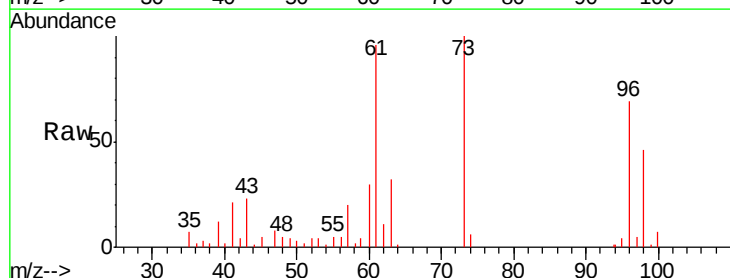
Manual Integrations  
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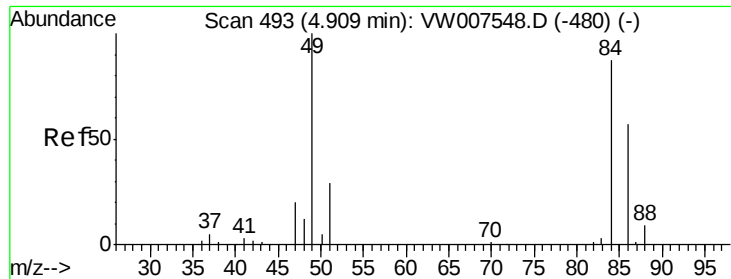
apatel  
12/19/2018 12:15:52 PM



#19  
Methyl tert-butyl Ether  
Concen: 65.689 ug/l  
RT: 5.42 min Scan# 577  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Tgt Ion: 73 Resp: 49017  
Ion Ratio Lower Upper  
73 100  
57 19.7 16.4 24.6





#20

Methylene Chloride

Concen: 59.922 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

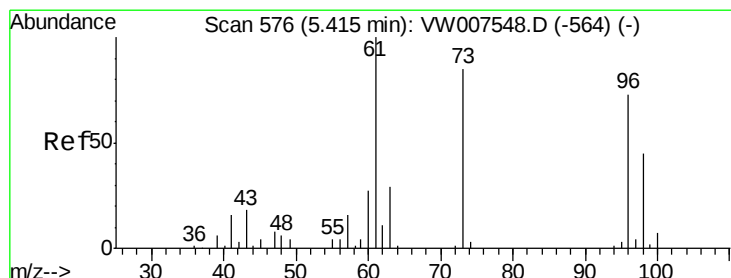
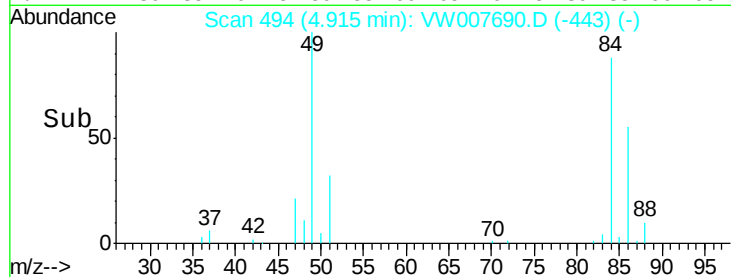
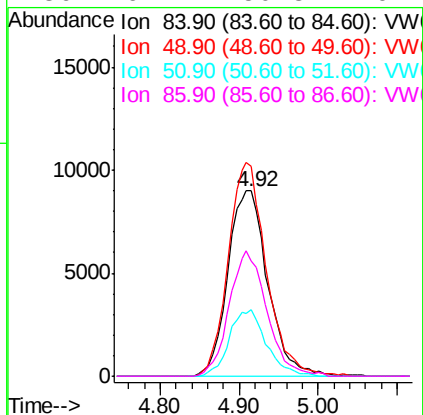
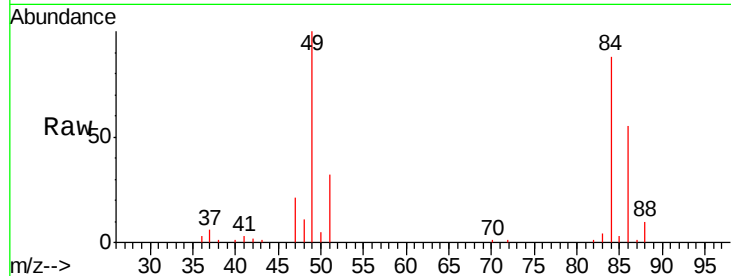
ClientSampleId :

P001-SS006-1824-01MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 31604 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 113.2 | 87.1  | 130.7 |
| 51       | 35.8  | 28.2  | 42.2  |
| 86       | 62.2  | 50.8  | 76.2  |

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#21

trans-1,2-Dichloroethene

Concen: 54.867 ug/l

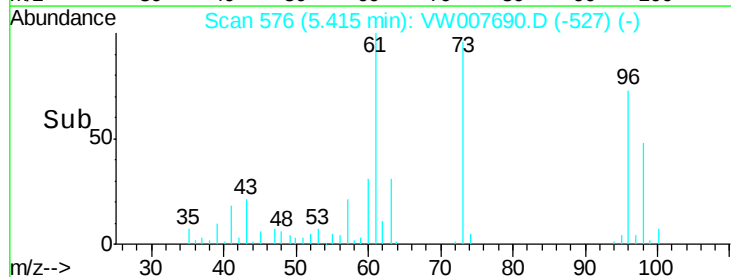
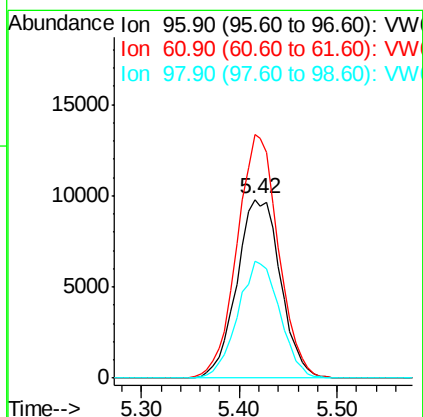
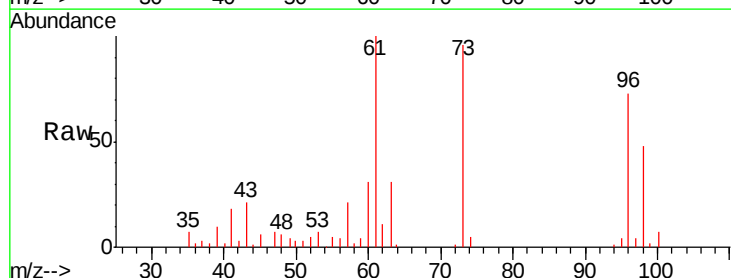
RT: 5.42 min Scan# 576

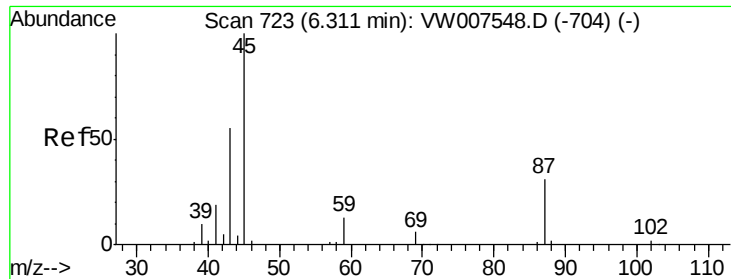
Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 30360 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 136.4 | 105.0 | 157.6 |
| 98       | 65.6  | 49.7  | 74.5  |





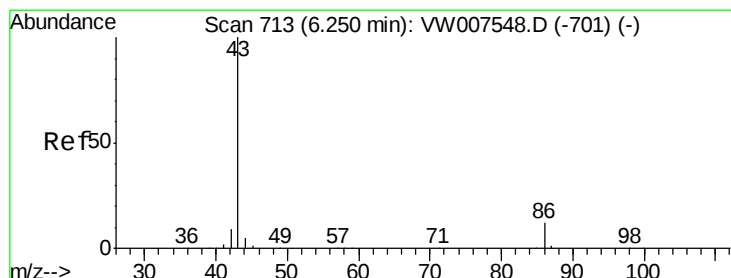
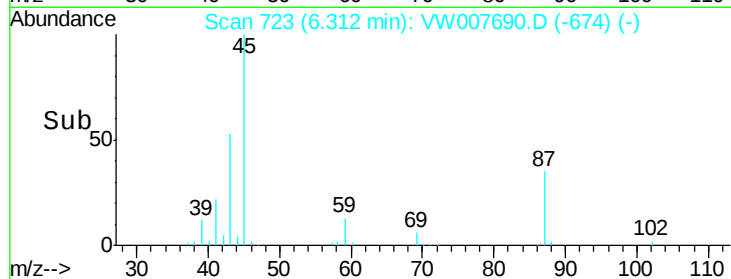
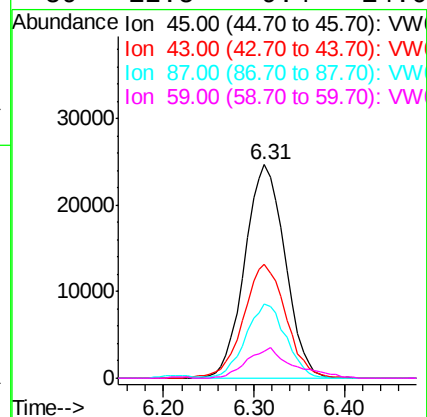
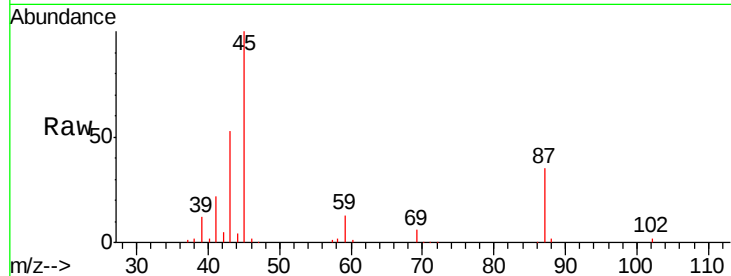
#22  
Diisopropyl ether  
Concen: 54.174 ug/l  
RT: 6.31 min Scan# 723  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 52.8  | 41.6  | 62.4  |
| 87      | 34.9  | 24.3  | 36.5  |
| 59      | 12.5  | 9.4   | 14.0  |

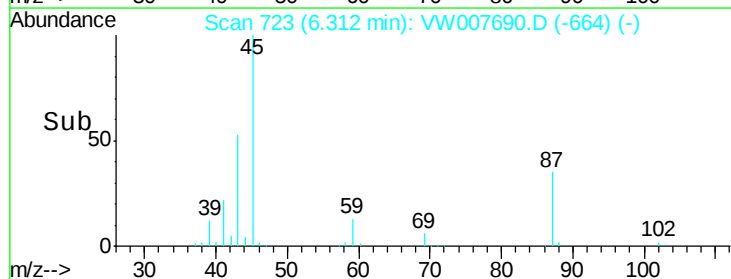
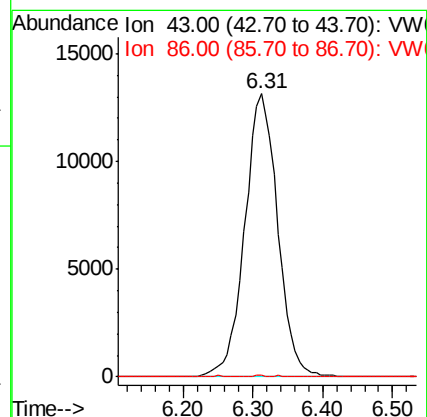
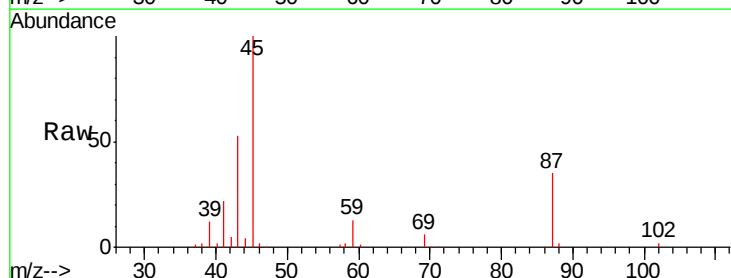
Manual Integrations  
APPROVED

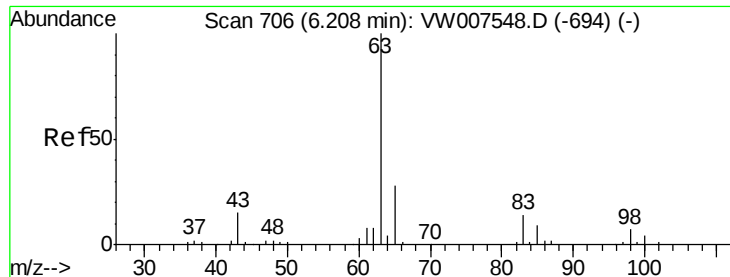
apatel  
12/19/2018 12:15:52 PM



#23  
Vinyl Acetate  
Concen: 54.785 ug/l  
RT: 6.31 min Scan# 723  
Delta R.T. 0.06 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 86      | 0.6   | 8.6   | 12.8# |





#24

1,1-Dichloroethane

Concen: 56.490 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

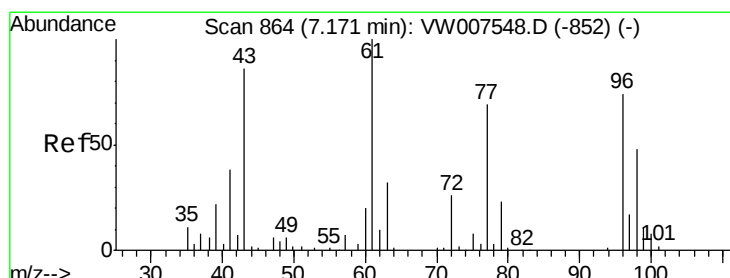
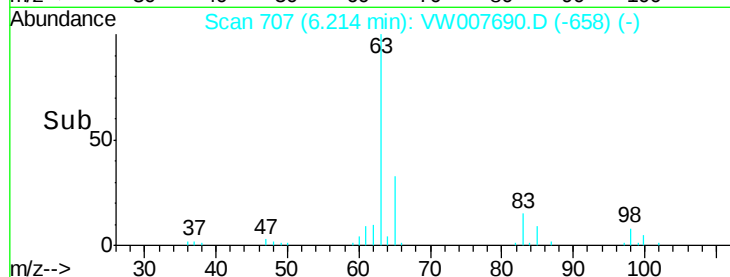
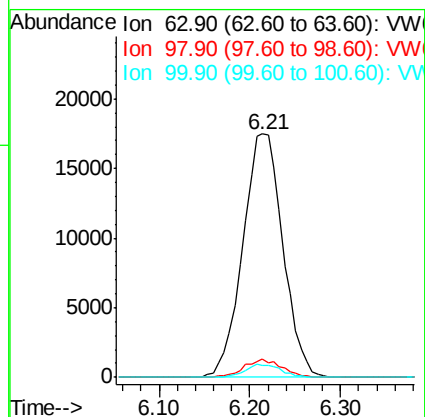
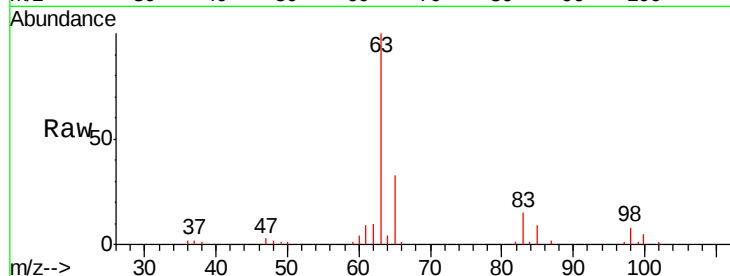
ClientSampleId :

P001-SS006-1824-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 63    | Resp: | 53507 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 7.6   | 3.5   | 10.4  |
| 100       | 5.0   | 2.5   | 7.5   |

Manual Integrations  
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#25

2-Butanone

Concen: 277.655 ug/l

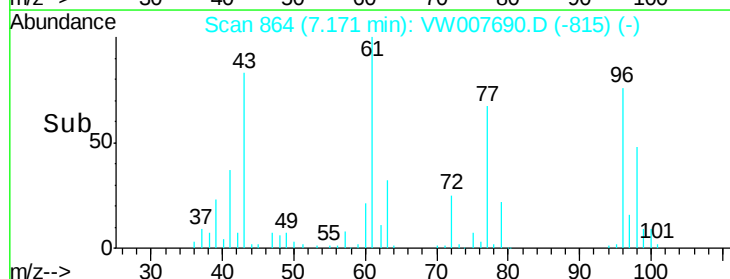
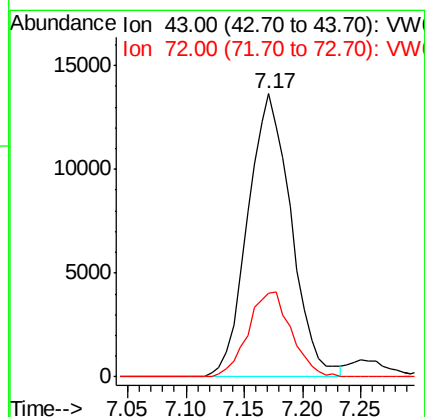
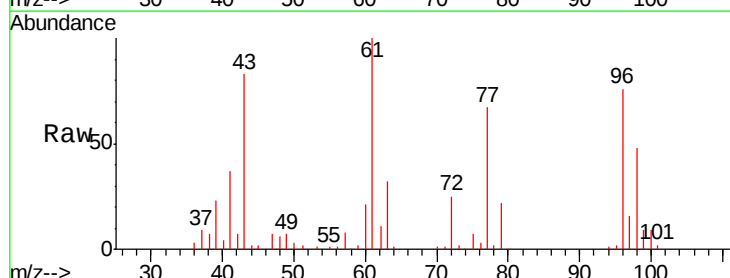
RT: 7.17 min Scan# 864

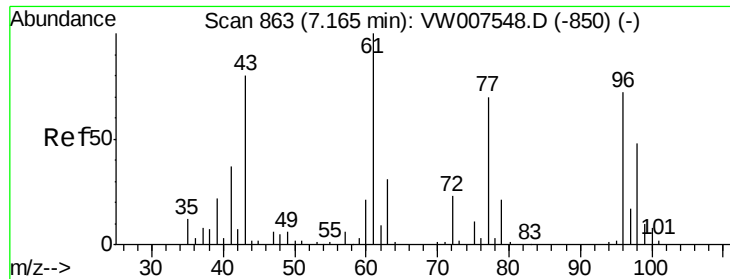
Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 35419 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 72        | 29.7  | 23.4  | 35.2  |





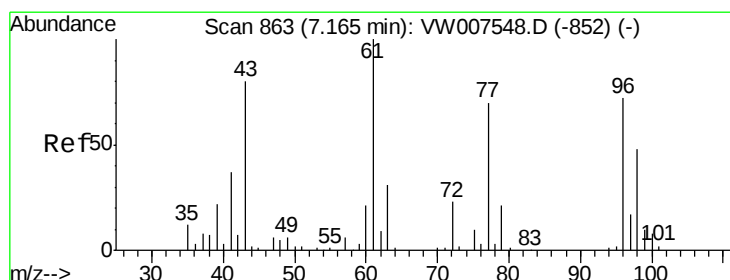
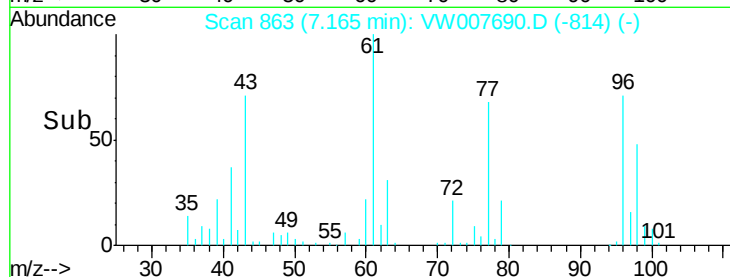
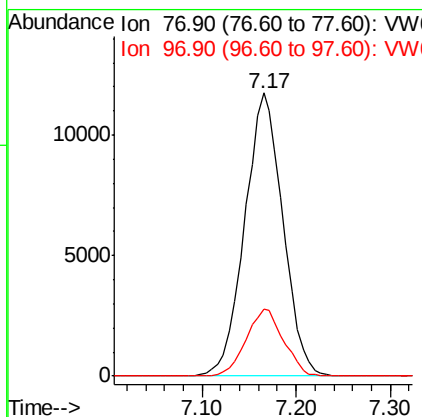
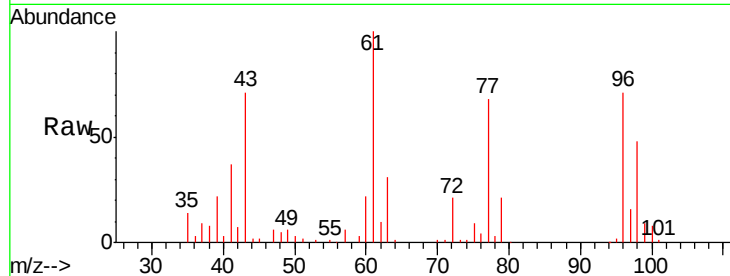
#26  
 2,2-Dichloropropane  
 Concen: 53.143 ug/l  
 RT: 7.17 min Scan# 863  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS006-1824-01MS

Tgt Ion: 77 Resp: 33314  
 Ion Ratio Lower Upper  
 77 100  
 97 23.1 11.6 34.8

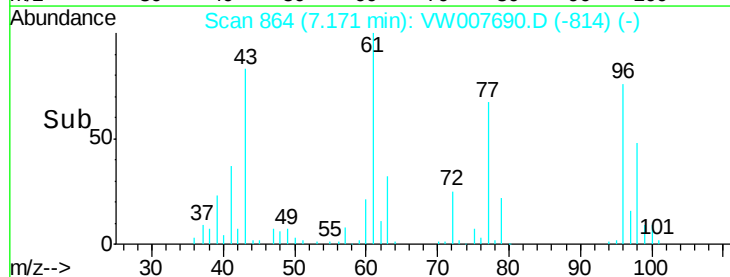
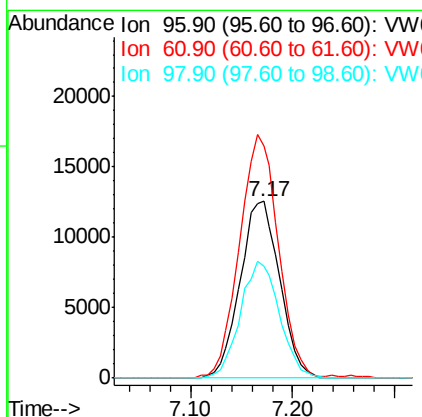
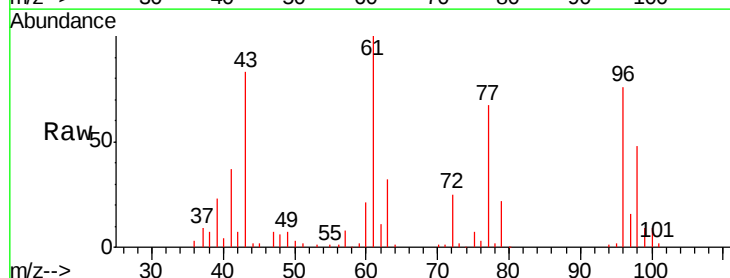
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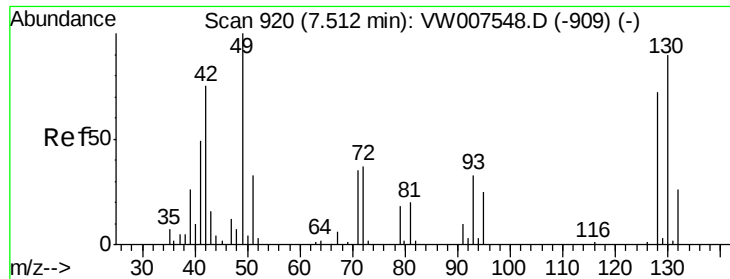
apatel  
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#27  
 cis-1,2-Dichloroethene  
 Concen: 55.937 ug/l  
 RT: 7.17 min Scan# 864  
 Delta R.T. 0.01 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Tgt Ion: 96 Resp: 33891  
 Ion Ratio Lower Upper  
 96 100  
 61 135.2 0.0 268.4  
 98 65.1 0.0 127.8





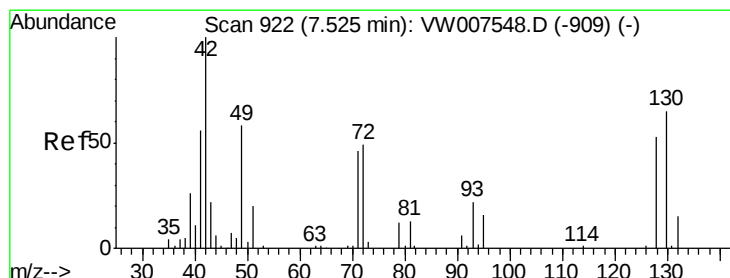
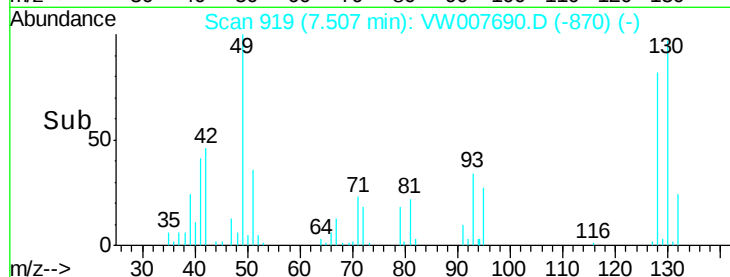
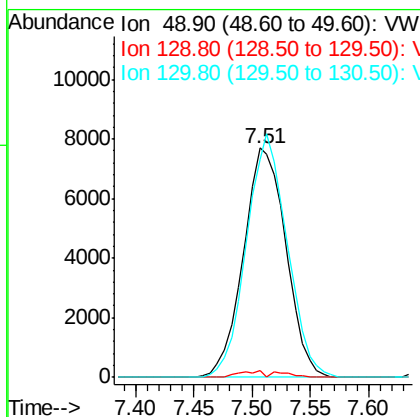
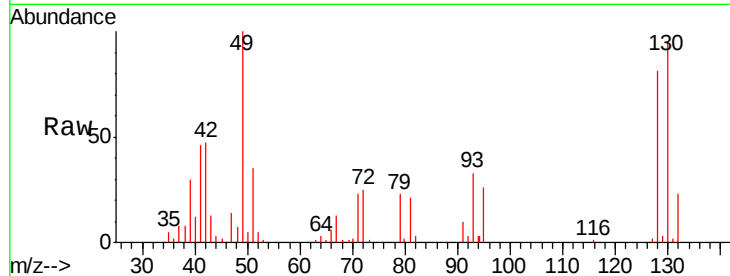
#28  
Bromochloromethane  
Concen: 54.889 ug/l  
RT: 7.51 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

Tgt Ion: 49 Resp: 19556  
Ion Ratio Lower Upper  
49 100  
129 1.5 0.0 2.6  
130 0.0 75.9 113.9#

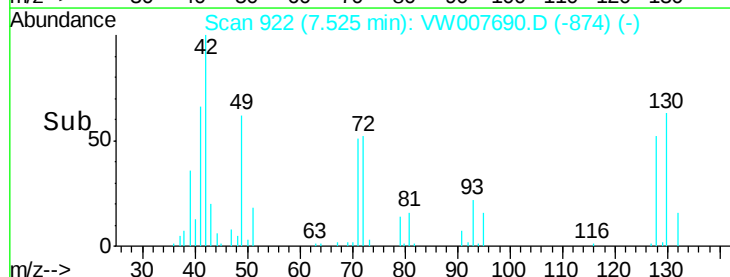
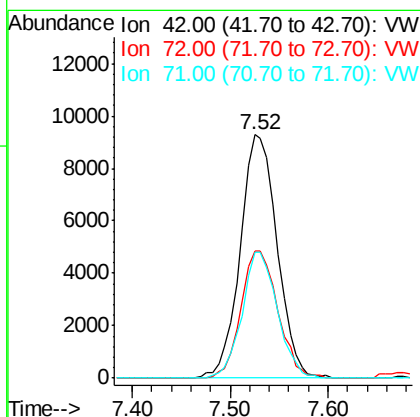
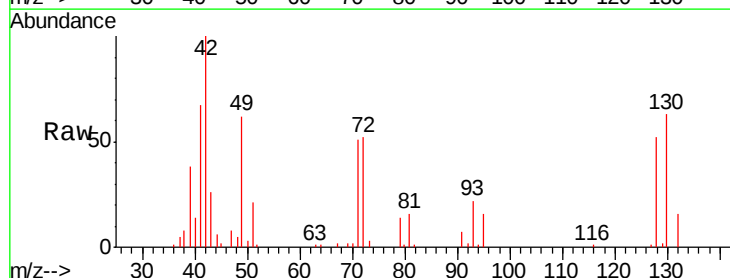
Manual Integrations  
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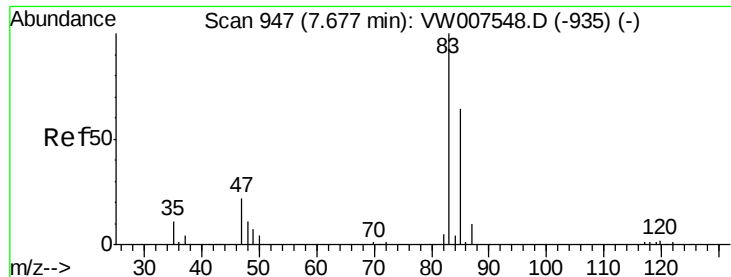
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12/19/2018 12:15:52 PM



#29  
Tetrahydrofuran  
Concen: 300.594 ug/l  
RT: 7.52 min Scan# 922  
Delta R.T. -0.01 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Tgt Ion: 42 Resp: 24275  
Ion Ratio Lower Upper  
42 100  
72 52.2 38.2 57.4  
71 49.5 35.5 53.3





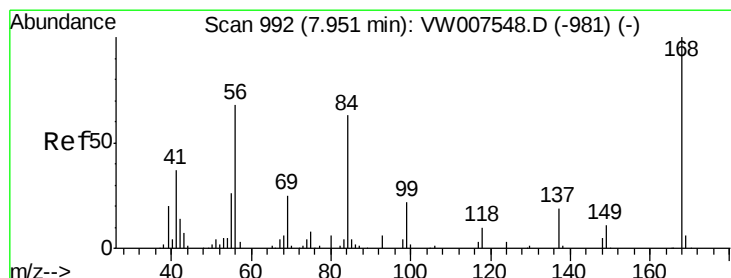
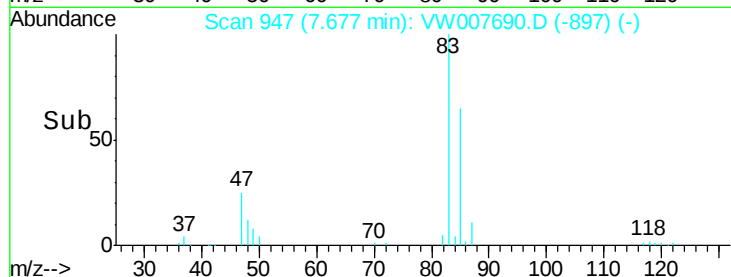
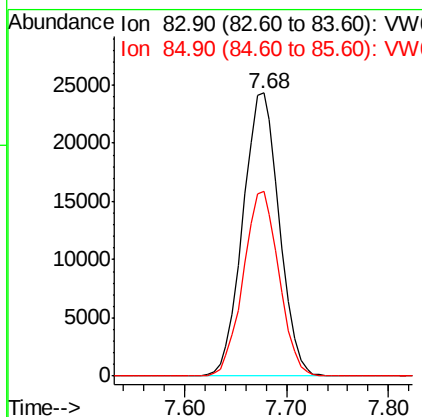
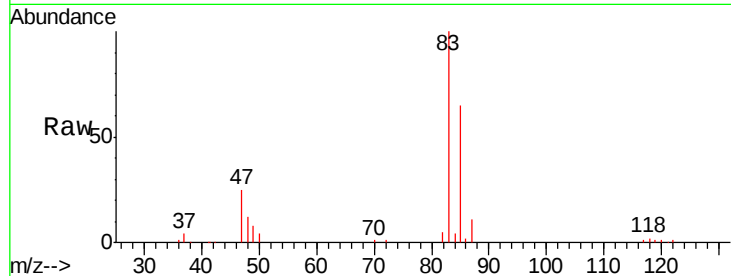
#30  
Chloroform  
Concen: 58.457 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. 0.01 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

Tgt Ion: 83 Resp: 60256  
Ion Ratio Lower Upper  
83 100  
85 65.3 51.8 77.8

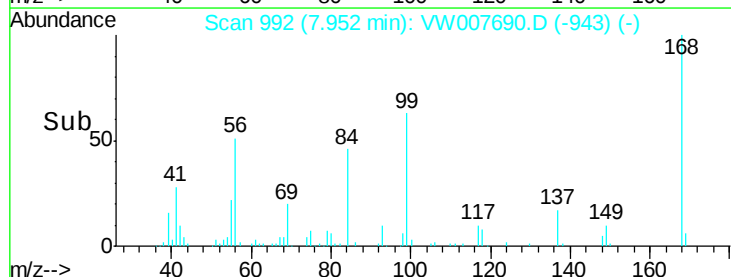
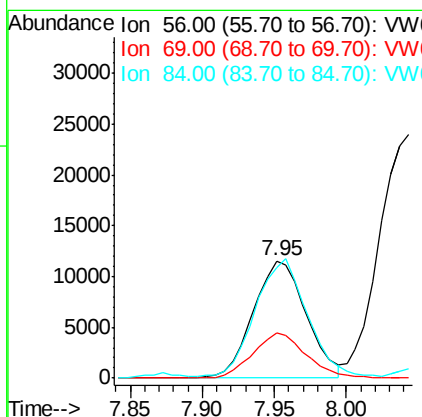
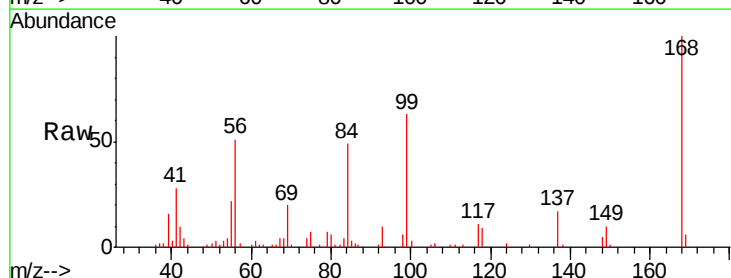
Manual Integrations  
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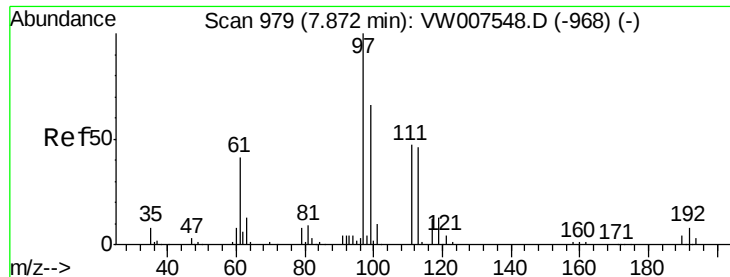
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#31  
Cyclohexane  
Concen: 33.868 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Tgt Ion: 56 Resp: 29433  
Ion Ratio Lower Upper  
56 100  
69 38.9 28.9 43.3  
84 92.8 71.8 107.6





#32

1,1,1-Trichloroethane

Concen: 56.347 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

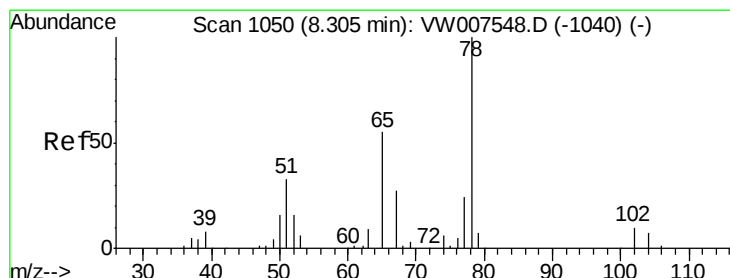
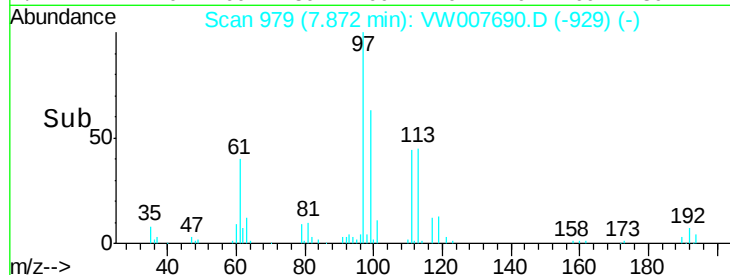
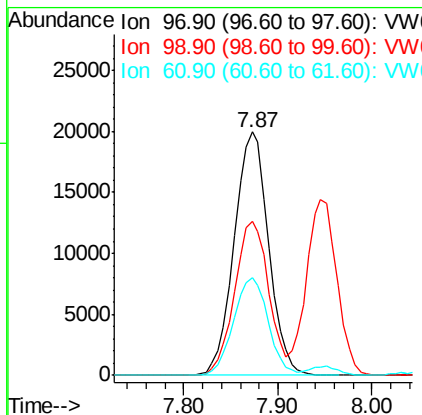
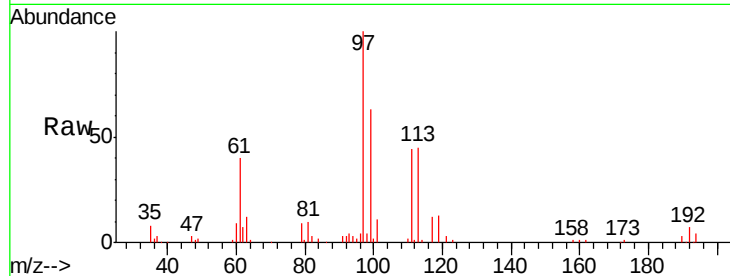
ClientSampleId :

P001-SS006-1824-01MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 50933 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 62.9  | 51.1  | 76.7  |
| 61       | 40.5  | 33.2  | 49.8  |

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#33

1,2-Dichloroethane-d4

Concen: 56.645 ug/l

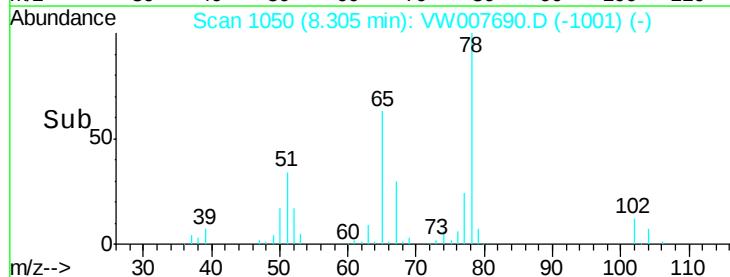
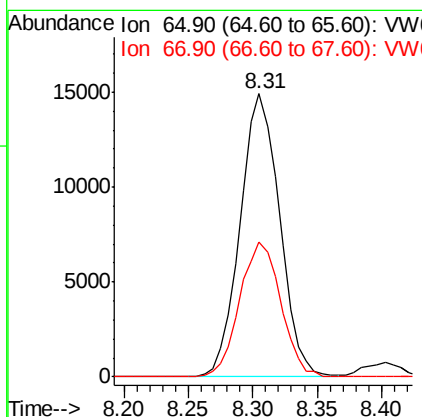
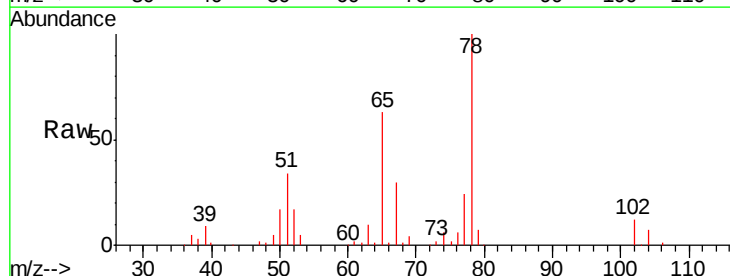
RT: 8.31 min Scan# 1050

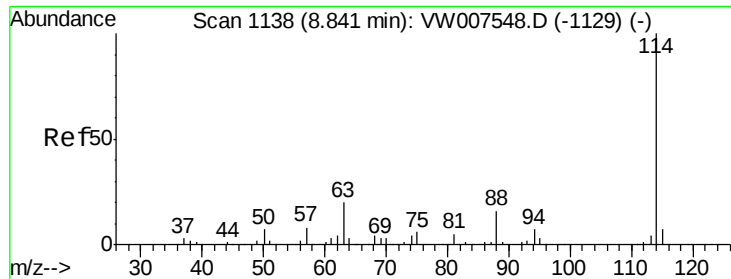
Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 31688 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 49.3  | 0.0   | 101.6 |





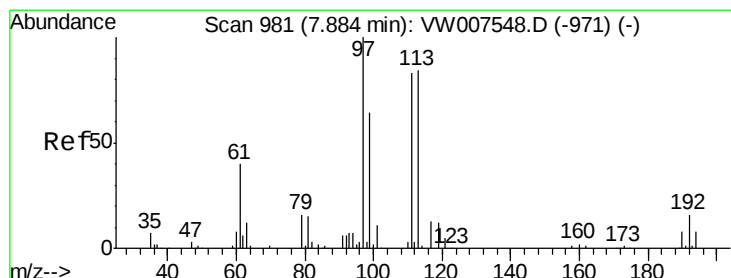
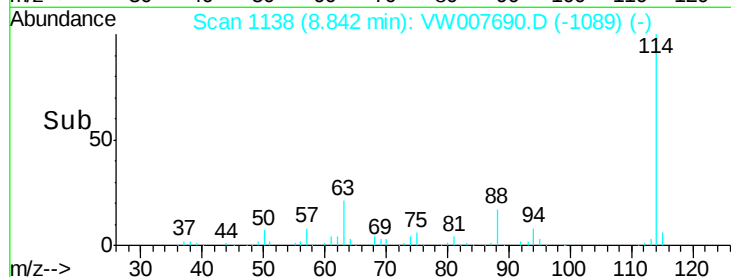
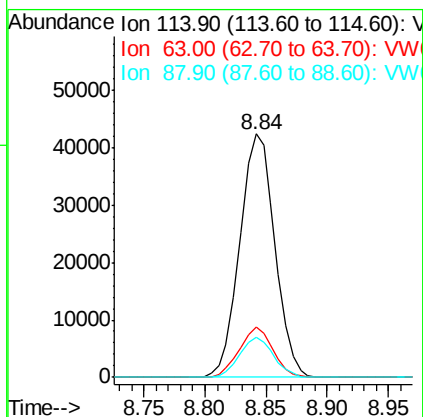
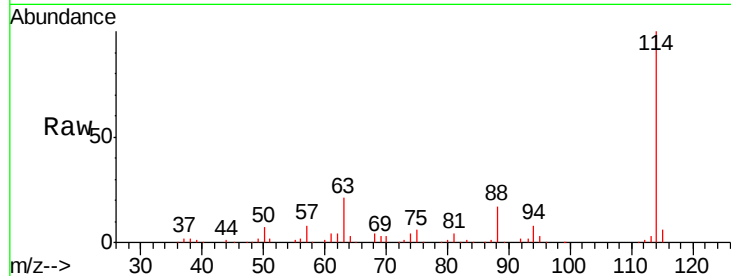
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS006-1824-01MS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 114     | 100   |            |            |
| 63      | 20.8  | 0.0        | 39.6       |
| 88      | 16.6  | 0.0        | 31.4       |

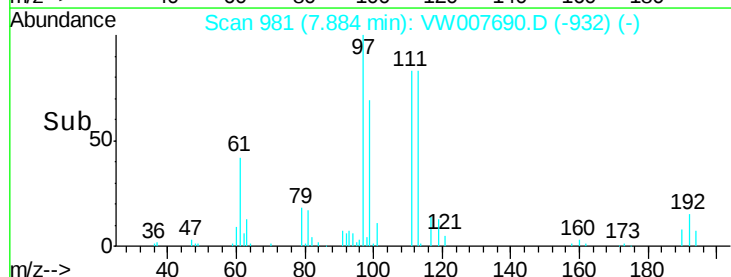
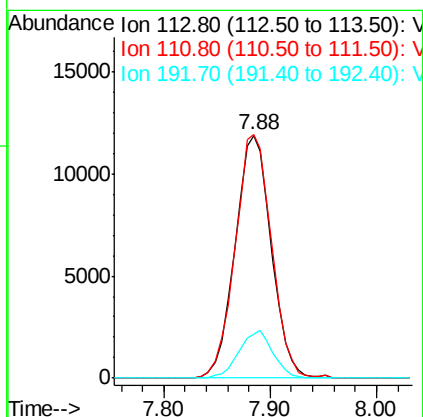
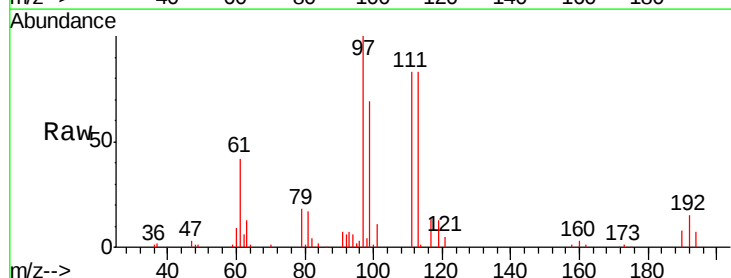
Manual Integrations  
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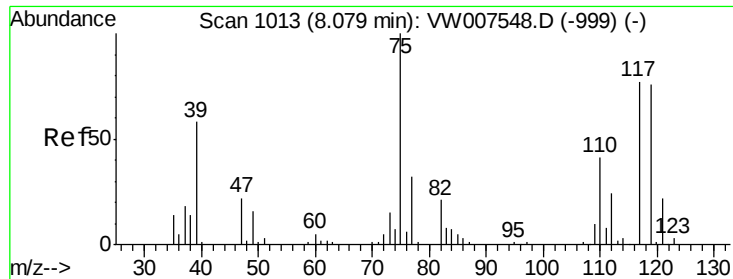
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#35  
 Dibromofluoromethane  
 Concen: 55.419 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.2 | 81.1  | 121.7 |
| 192     | 18.4  | 14.6  | 21.8  |





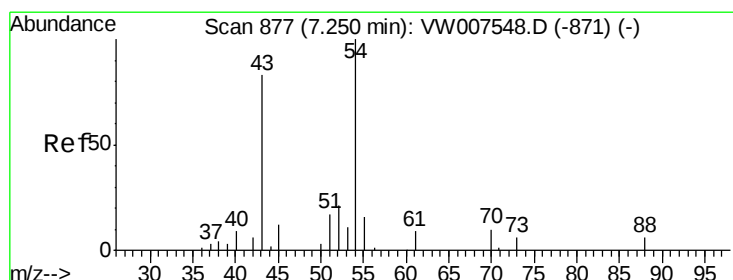
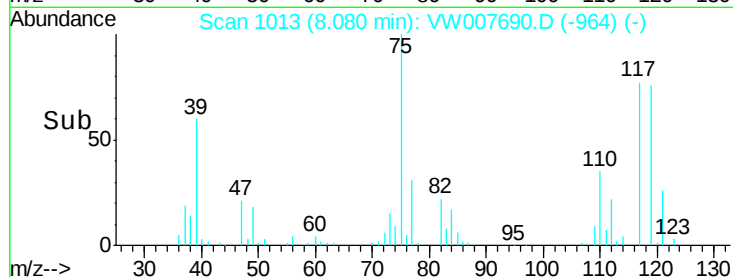
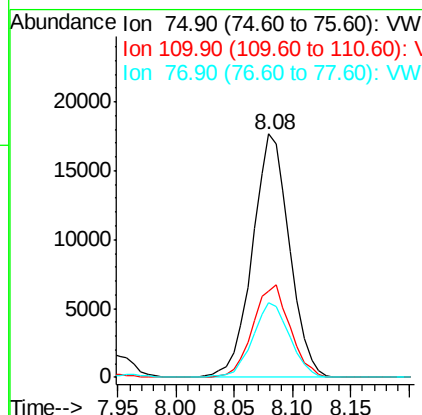
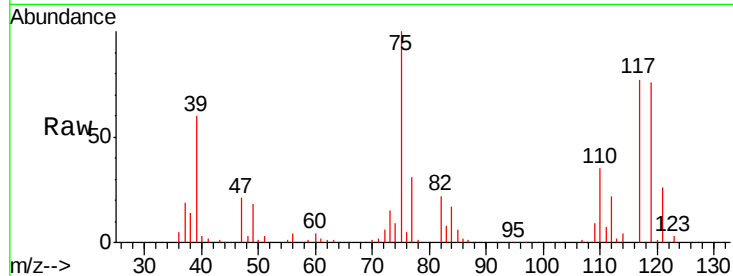
#36  
 1,1-Dichloropropene  
 Concen: 50.794 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS006-1824-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 38.0  | 18.5  | 55.5  |
| 77      | 30.6  | 25.6  | 38.4  |

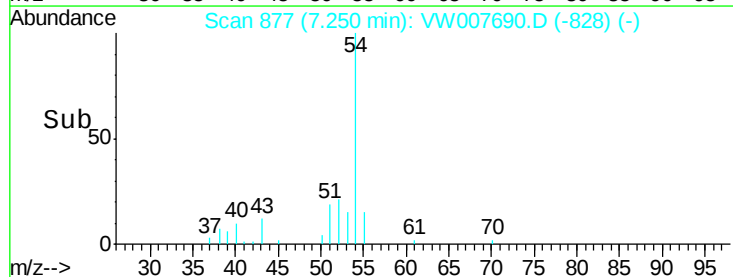
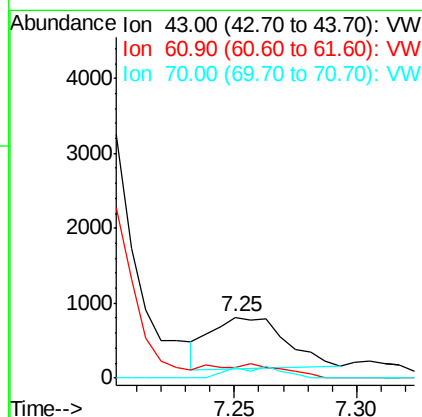
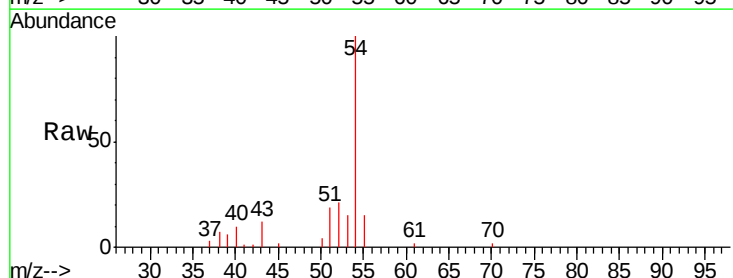
Manual Integrations  
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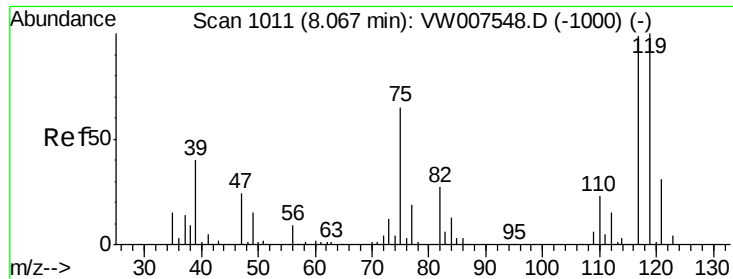
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#37  
 Ethyl Acetate  
 Concen: 5.031 ug/l  
 RT: 7.25 min Scan# 877  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 0.0   | 12.1  | 18.1# |
| 70      | 7.8   | 10.0  | 15.0# |





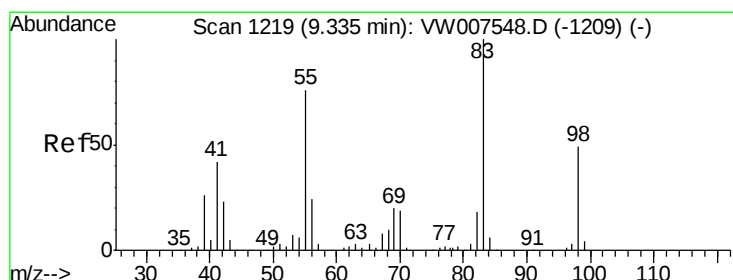
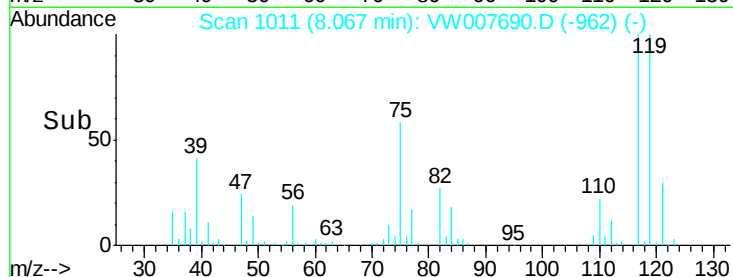
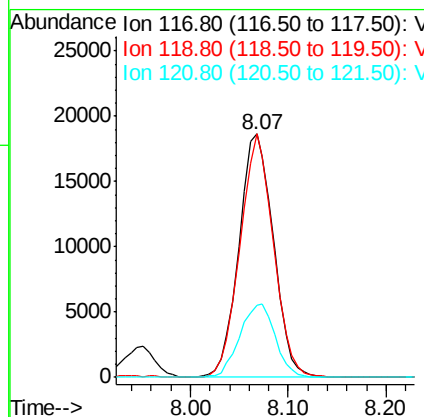
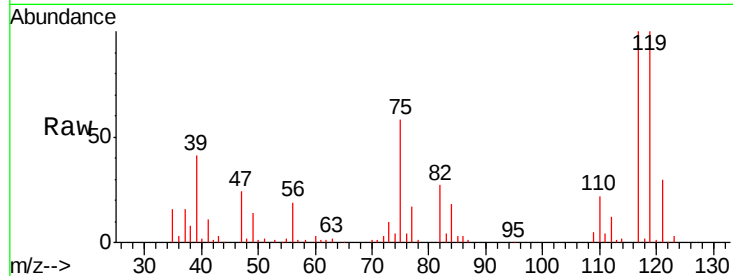
#38  
Carbon Tetrachloride  
Concen: 54.540 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

Tgt Ion: 117 Resp: 45668  
Ion Ratio Lower Upper  
117 100  
119 100.1 74.3 111.5  
121 29.7 24.3 36.5

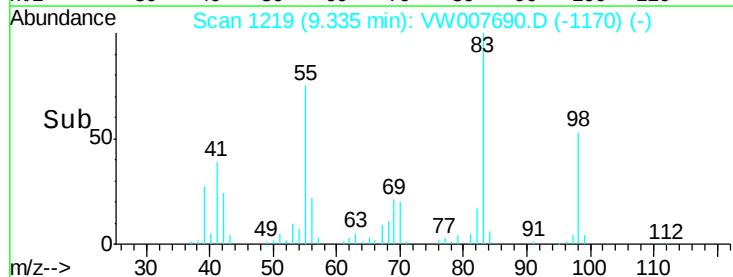
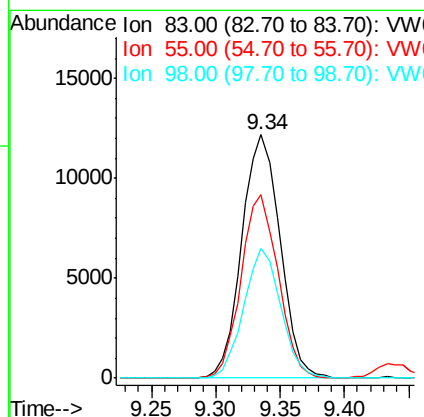
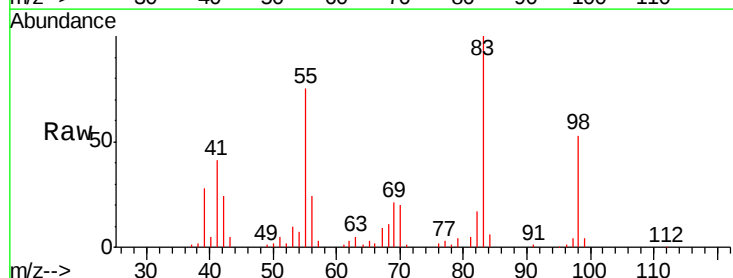
Manual Integrations  
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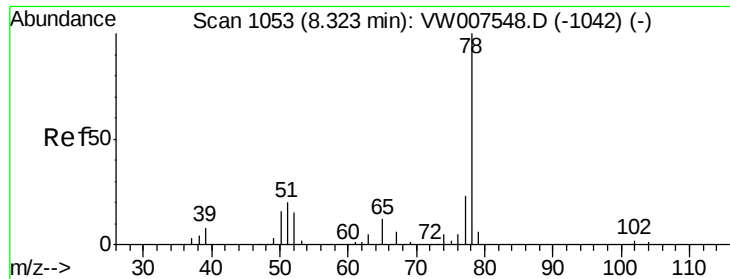
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#39  
Methylcyclohexane  
Concen: 26.921 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Tgt Ion: 83 Resp: 25086  
Ion Ratio Lower Upper  
83 100  
55 75.4 62.8 94.2  
98 53.4 42.2 63.2





#40

Benzene

Concen: 55.071 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

ClientSampleId :

P001-SS006-1824-01MS

Tgt Ion: 78 Resp: 117610

Ion Ratio Lower Upper

78 100

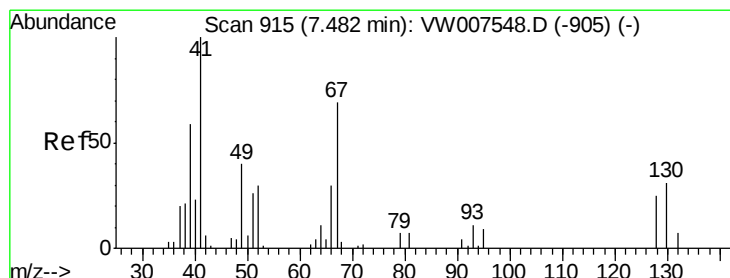
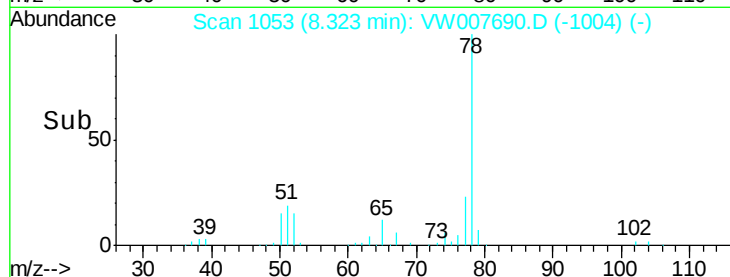
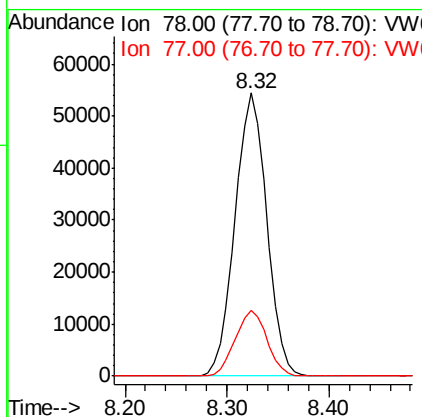
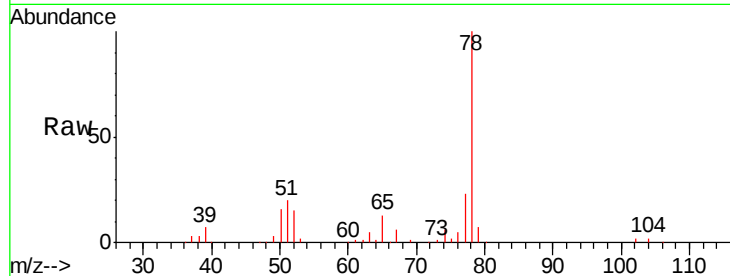
77 23.2 18.8 28.2

Manual Integrations

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#41

Methacrylonitrile

Concen: 47.561 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Tgt Ion: 41 Resp: 7752

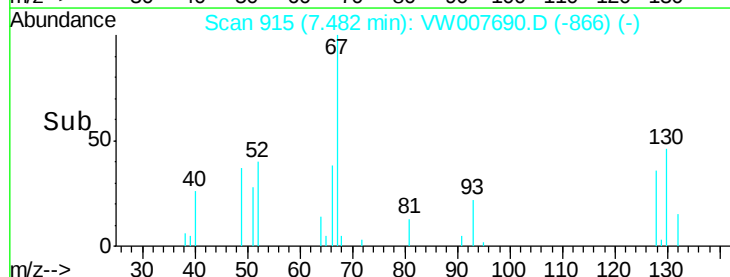
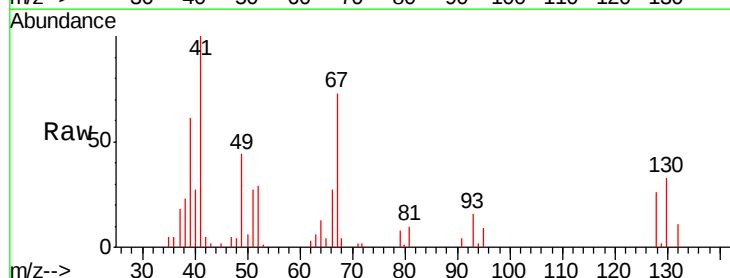
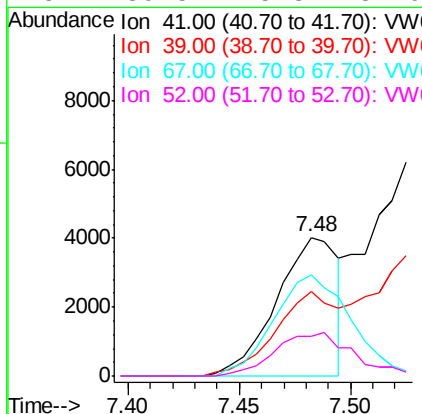
Ion Ratio Lower Upper

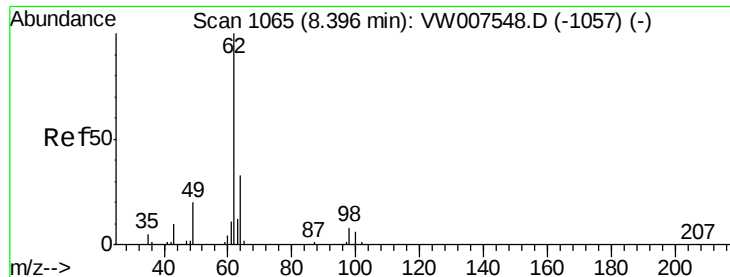
41 100

39 60.0 52.2 78.2

67 91.7 60.5 90.7#

52 39.5 25.3 37.9#





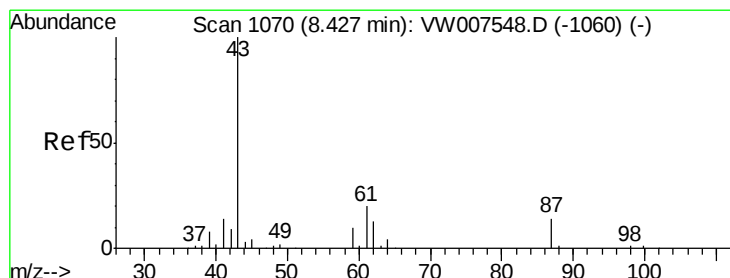
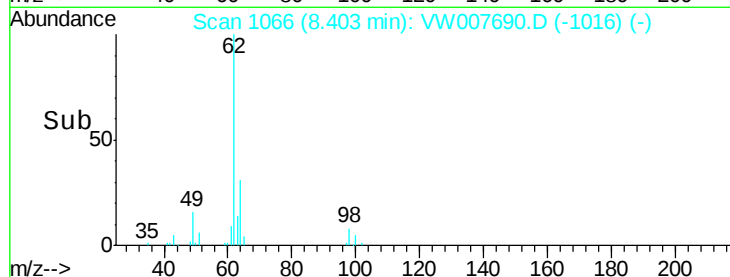
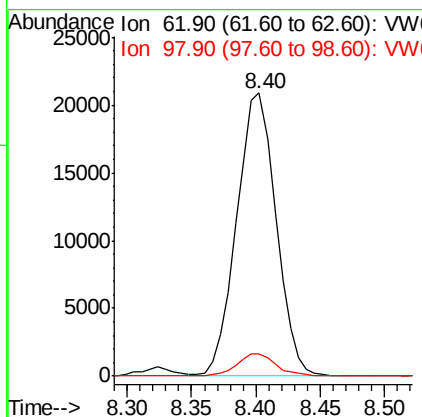
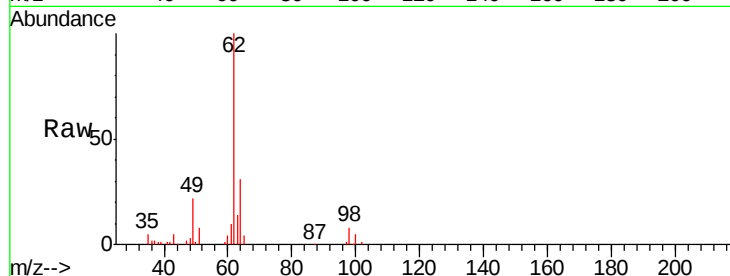
#42  
 1,2-Dichloroethane  
 Concen: 66.124 ug/l  
 RT: 8.40 min Scan# 1066  
 Delta R.T. 0.01 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS006-1824-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 7.7   | 0.0   | 17.6  |

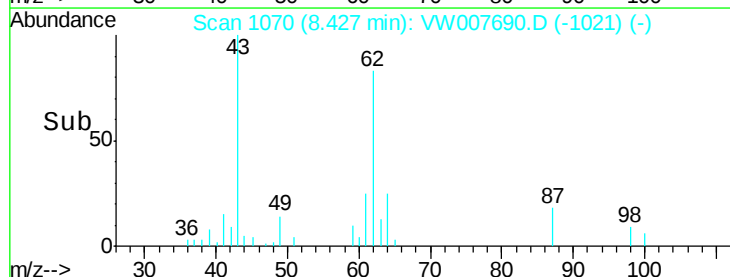
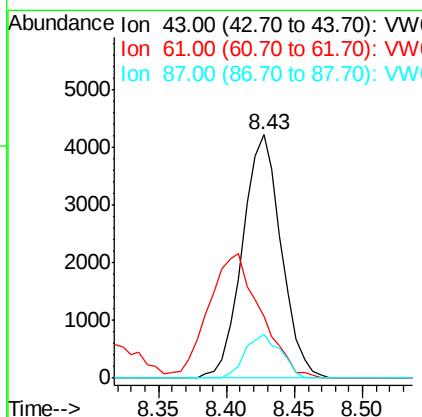
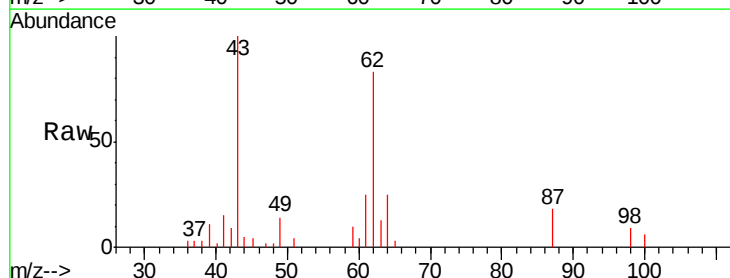
Manual Integrations  
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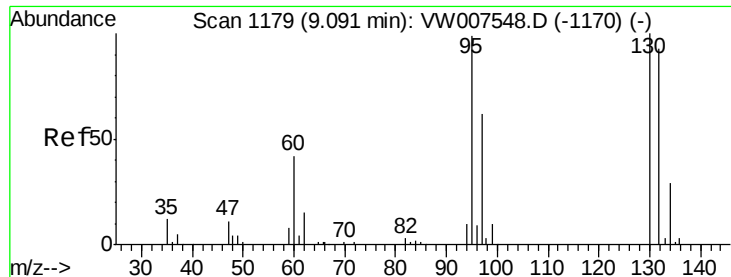
apatel  
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#43  
 Isopropyl Acetate  
 Concen: 14.870 ug/l  
 RT: 8.43 min Scan# 1070  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 68.8  | 25.3  | 37.9# |
| 87      | 16.3  | 11.8  | 17.8  |





#44

Trichloroethene

Concen: 52.171 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

ClientSampleId :

P001-SS006-1824-01MS

Tgt Ion:130 Resp: 31816

Ion Ratio Lower Upper

130 100

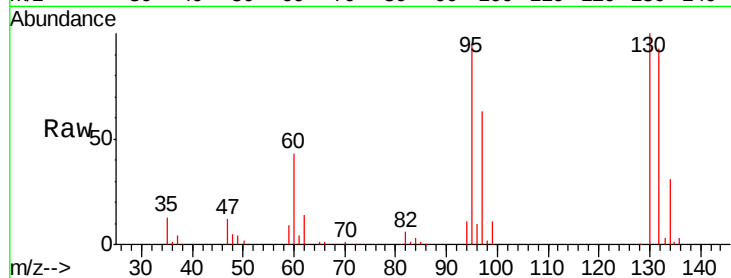
95 95.3 0.0 193.2

Manual Integrations

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

20000

15000

10000

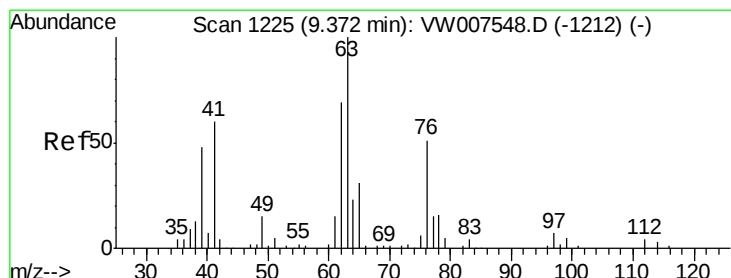
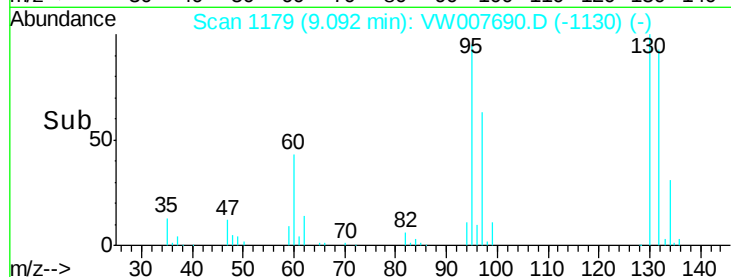
5000

0

Time-->

9.00 9.05 9.10 9.15

9.09



#45

1,2-Dichloropropane

Concen: 57.450 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007690.D

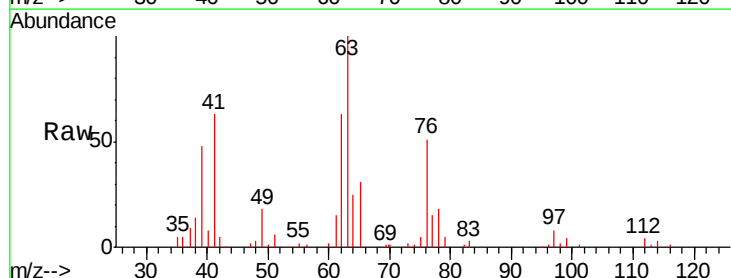
Acq: 19 Dec 2018 07:08

Tgt Ion: 63 Resp: 28392

Ion Ratio Lower Upper

63 100

65 31.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

15000

10000

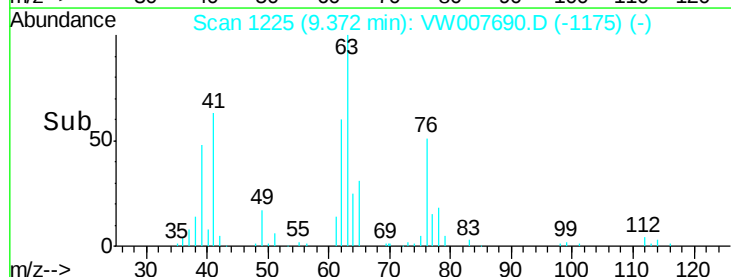
5000

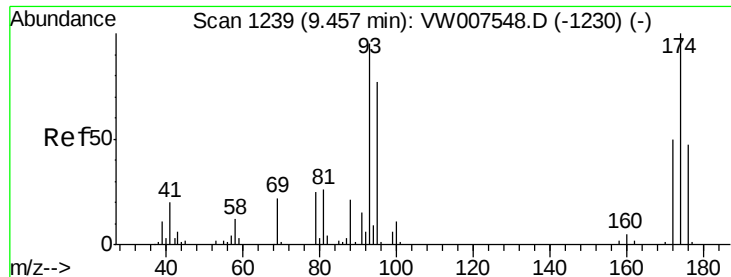
0

Time-->

9.25 9.30 9.35 9.40 9.45

9.37





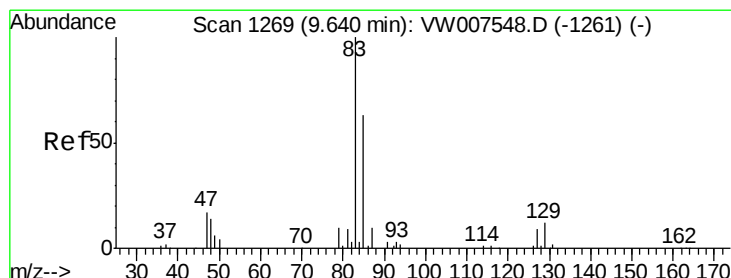
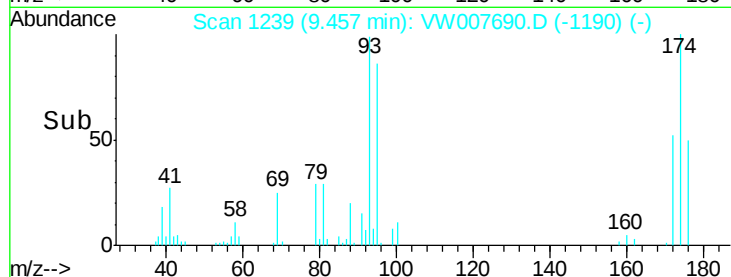
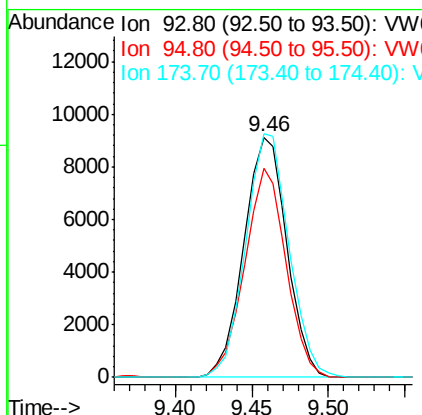
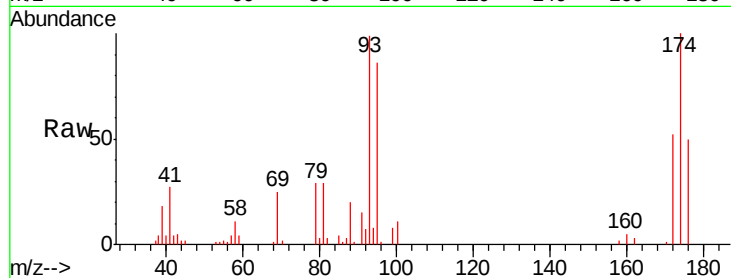
#46  
Dibromomethane  
Concen: 63.548 ug/l  
RT: 9.46 min Scan# 1239  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.3  | 68.0  | 102.0 |
| 174     | 102.1 | 83.2  | 124.8 |

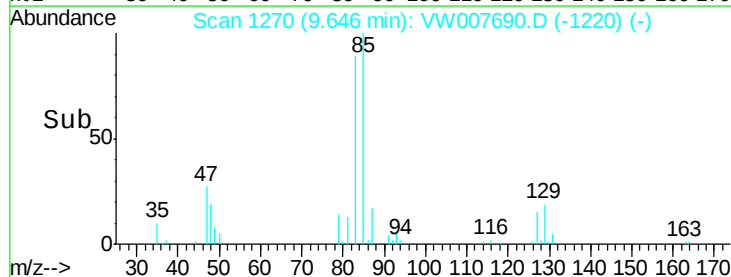
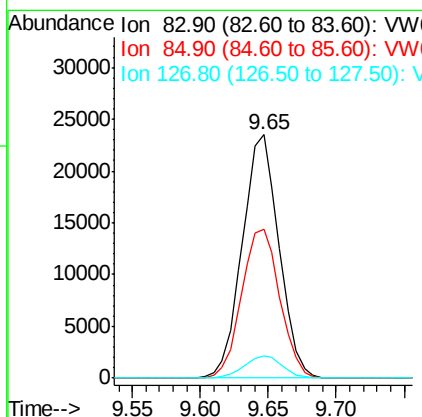
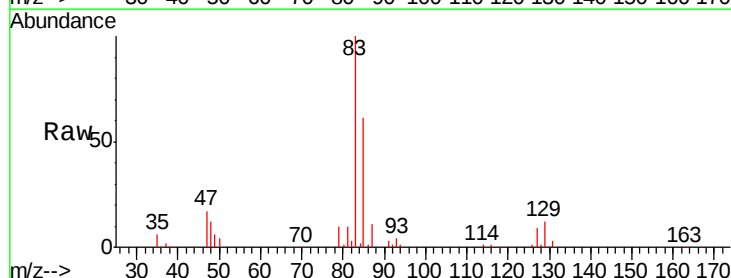
Manual Integrations  
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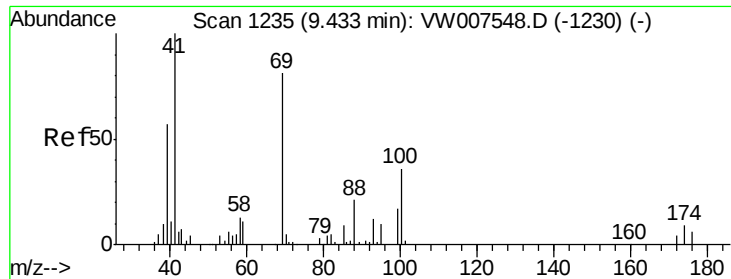
apatel  
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#47  
Bromodichloromethane  
Concen: 60.299 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. 0.01 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 61.1  | 47.6  | 71.4  |
| 127     | 9.0   | 6.7   | 10.1  |





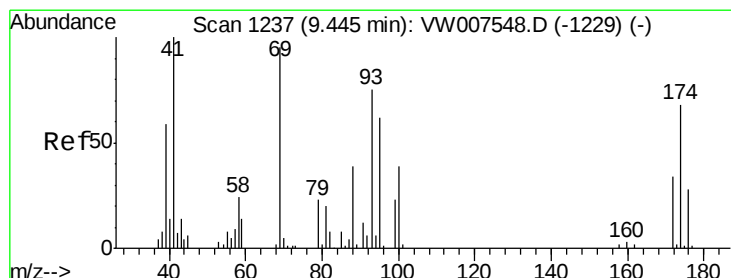
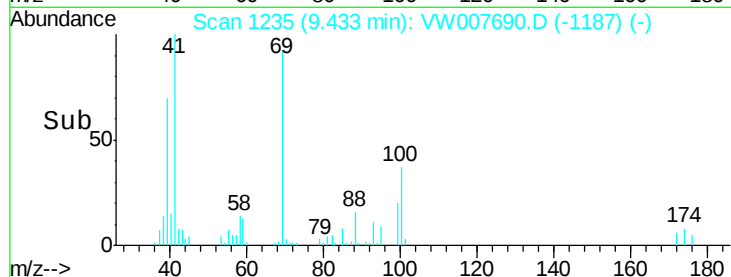
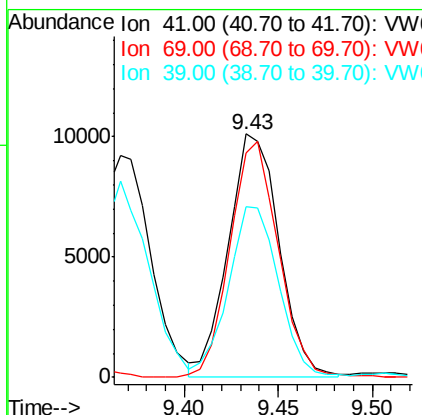
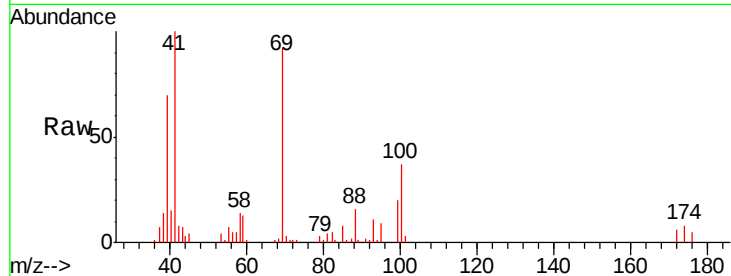
#48  
Methyl methacrylate  
Concen: 65.228 ug/l  
RT: 9.43 min Scan# 1235  
Delta R.T. -0.01 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 18940 |       |       |
| 69      | 92.6  | 69.8  | 104.8 |       |
| 39      | 67.7  | 50.9  | 76.3  |       |

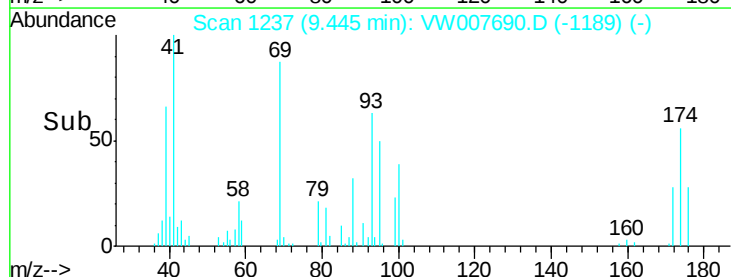
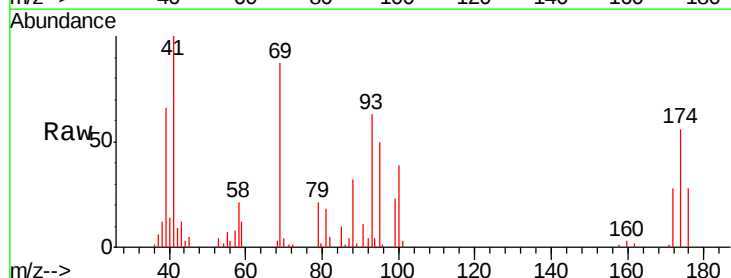
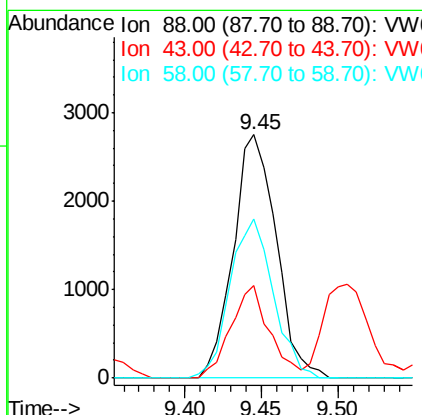
Manual Integrations  
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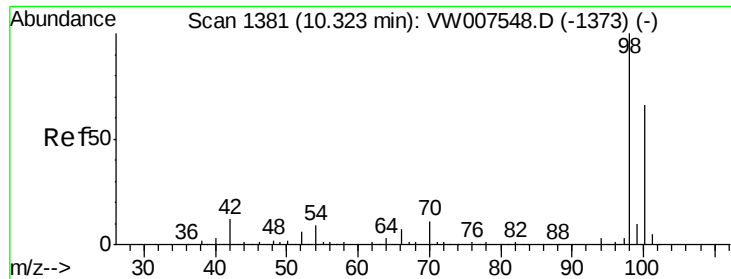
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#49  
1,4-Dioxane  
Concen: 1180.558 ug/l  
RT: 9.45 min Scan# 1237  
Delta R.T. -0.01 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 88      | 100   | 5376 |       |       |
| 43      | 34.1  | 25.0 | 37.4  |       |
| 58      | 65.7  | 51.4 | 77.2  |       |





#50

Toluene-d8

Concen: 46.930 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

ClientSampleId :

P001-SS006-1824-01MS

Tgt Ion: 98 Resp: 89855

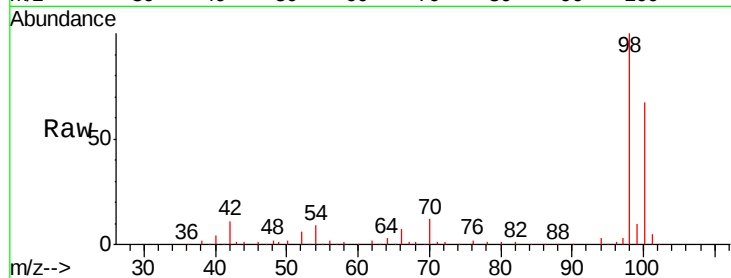
Ion Ratio Lower Upper

98 100

100 66.3 51.8 77.8

Manual Integrations  
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Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

50000

40000

30000

20000

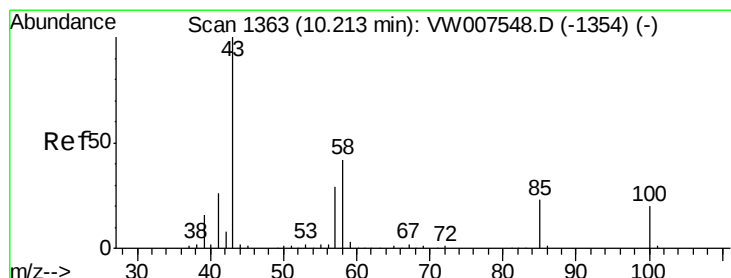
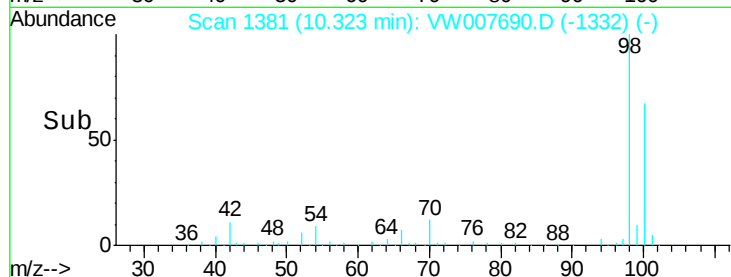
10000

0

10.30

10.40

Time-->



#51

4-Methyl-2-Pentanone

Concen: 303.786 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007690.D

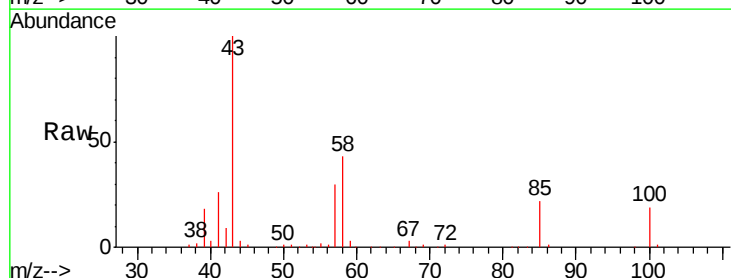
Acq: 19 Dec 2018 07:08

Tgt Ion: 43 Resp: 81153

Ion Ratio Lower Upper

43 100

58 42.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

50000

40000

30000

20000

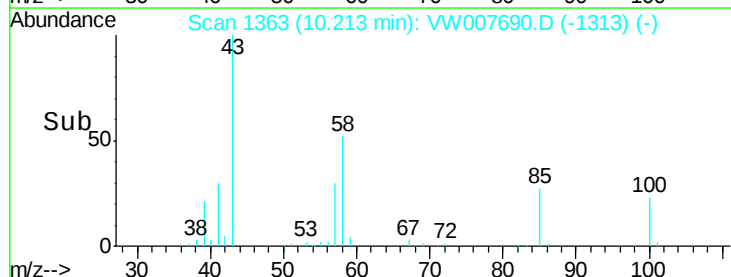
10000

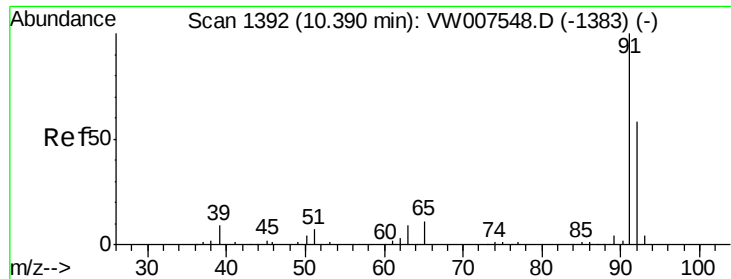
0

10.20

10.30

Time-->





#52

Toluene

Concen: 52.177 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

ClientSampleId :

P001-SS006-1824-01MS

Tgt Ion: 92 Resp: 72112

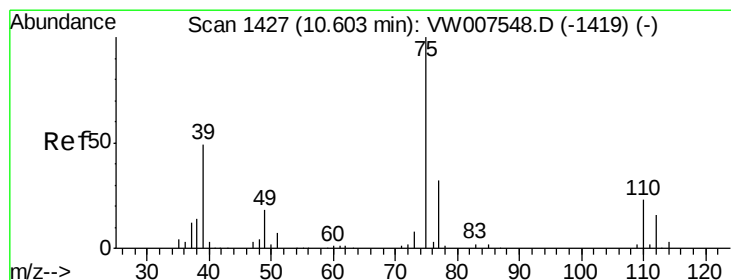
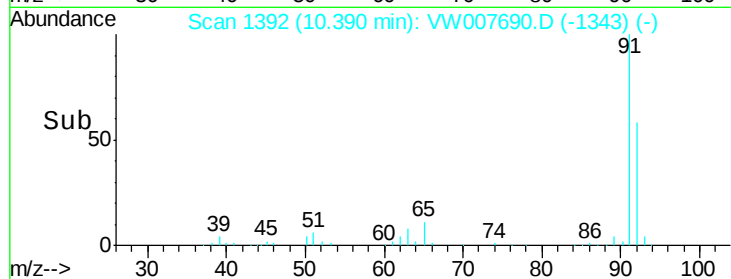
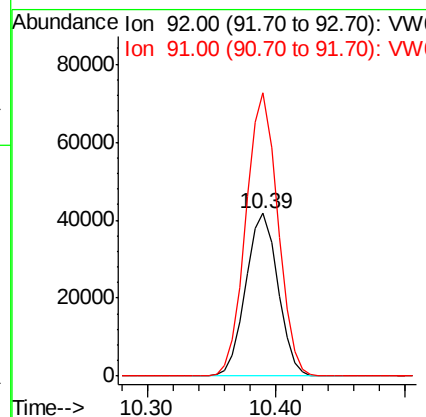
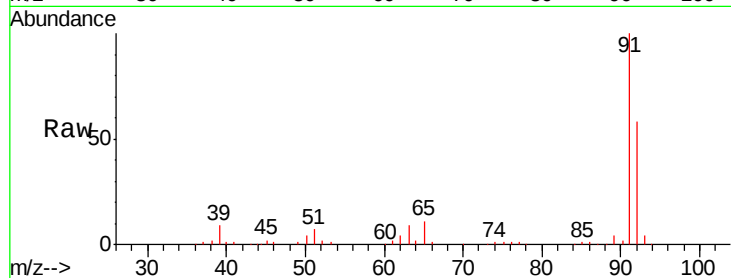
Ion Ratio Lower Upper

92 100

91 171.8 136.2 204.2

Manual Integrations  
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#53

t-1,3-Dichloropropene

Concen: 55.332 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW007690.D

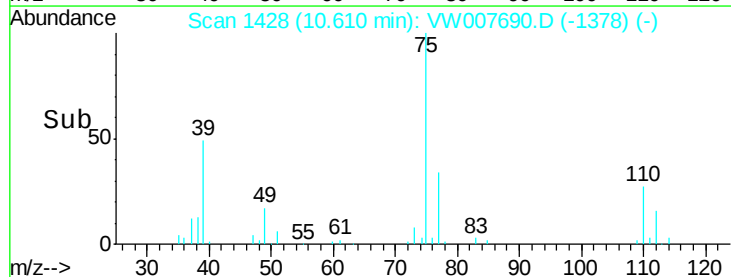
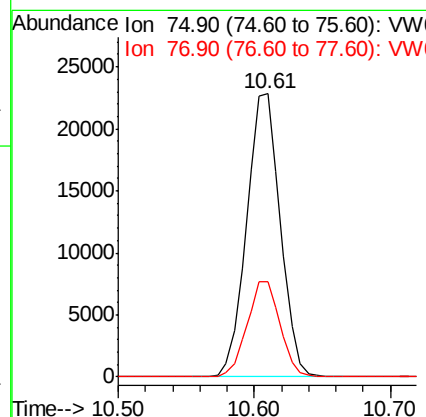
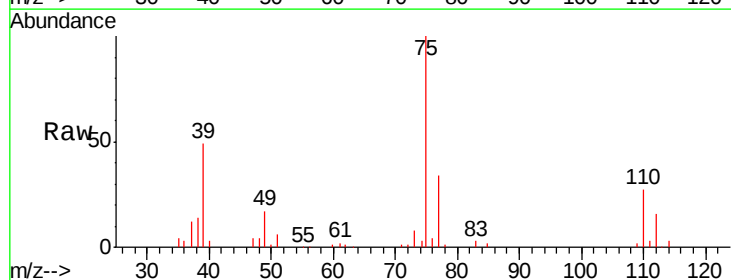
Acq: 19 Dec 2018 07:08

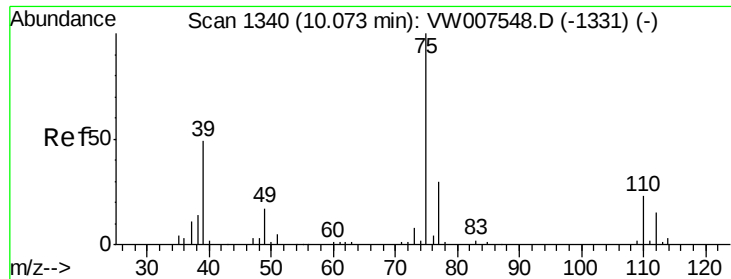
Tgt Ion: 75 Resp: 39545

Ion Ratio Lower Upper

75 100

77 33.8 26.2 39.4





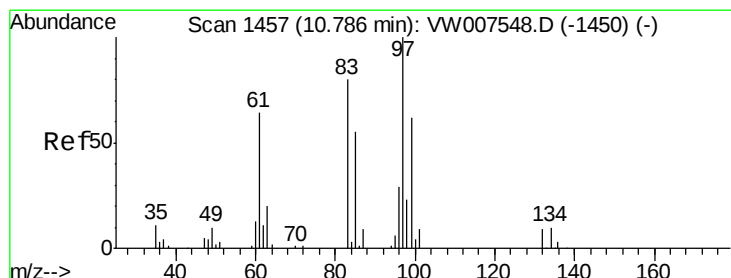
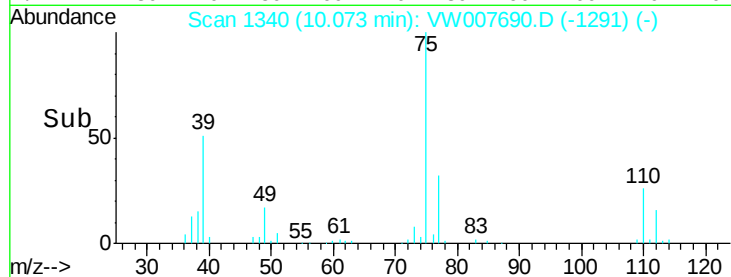
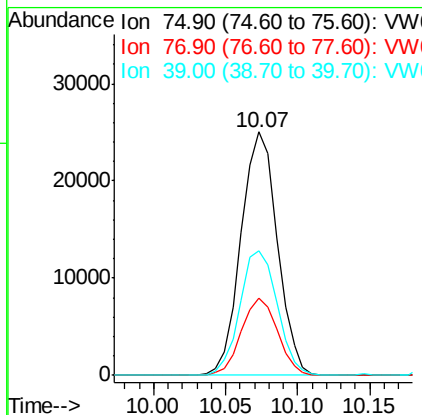
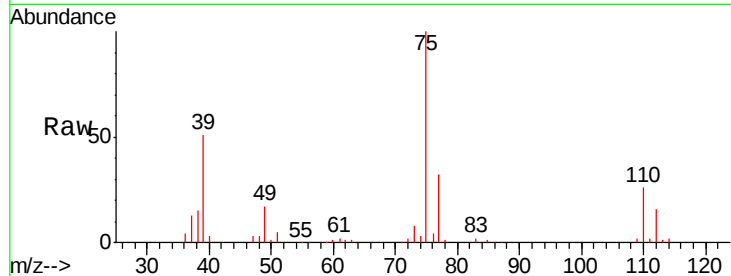
#54  
 cis-1,3-Dichloropropene  
 Concen: 53.077 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS006-1824-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.7  | 24.8  | 37.2  |
| 39      | 51.0  | 40.9  | 61.3  |

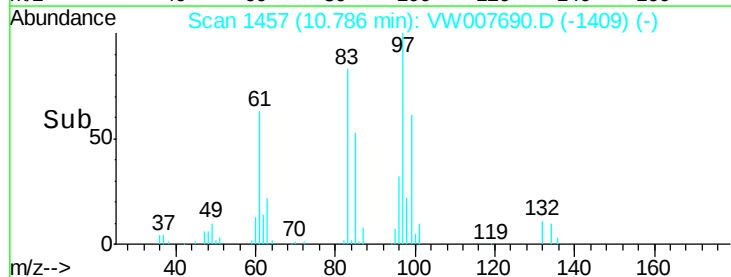
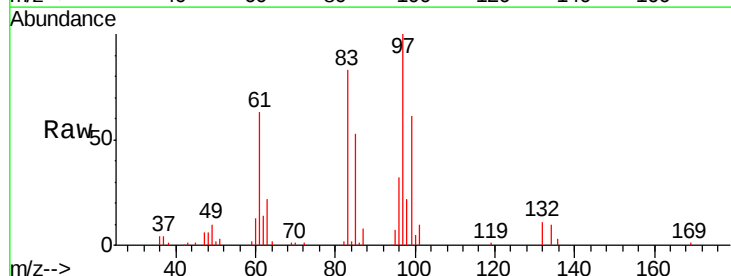
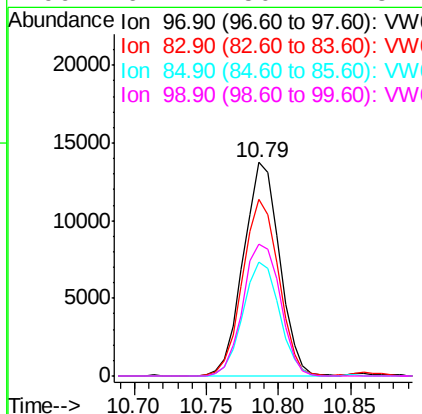
Manual Integrations  
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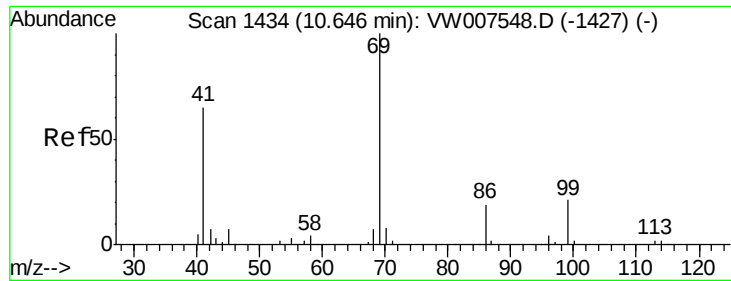
apatel  
 12/19/2018 12:15:52 PM



#55  
 1,1,2-Trichloroethane  
 Concen: 62.610 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.01 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 82.6  | 62.1  | 93.1  |
| 85      | 53.3  | 44.2  | 66.4  |
| 99      | 61.4  | 50.2  | 75.4  |





#56

Ethyl methacrylate

Concen: 8.608 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

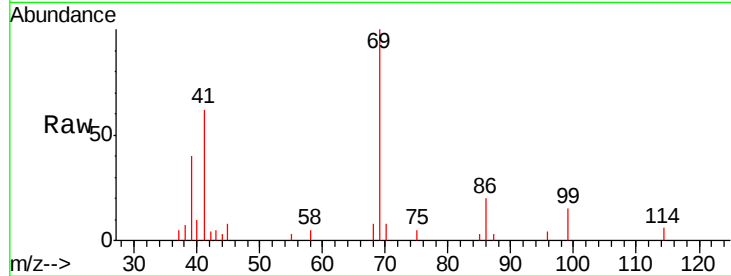
ClientSampleId :

P001-SS006-1824-01MS

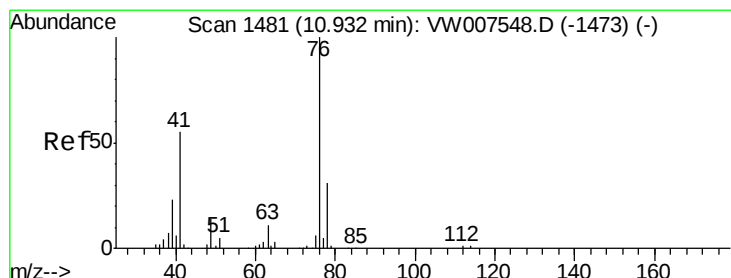
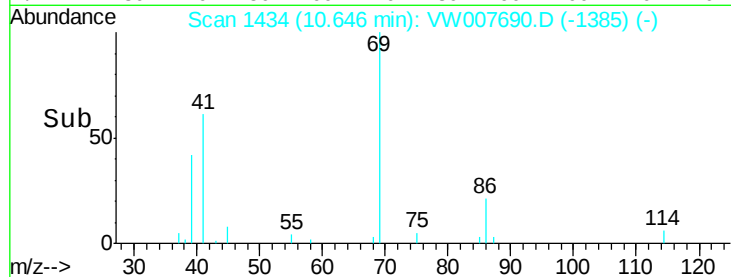
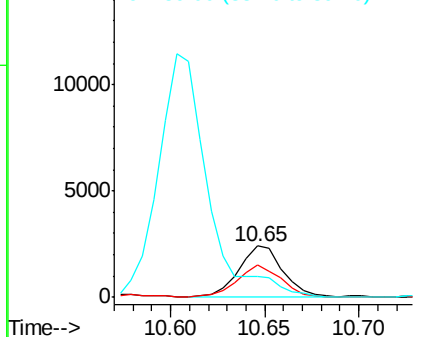
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 69    | Resp: | 3952  |
| Ion Ratio | Lower | Upper |       |
| 69        | 100   |       |       |
| 41        | 61.9  | 51.0  | 76.6  |
| 39        | 0.0   | 30.8  | 46.2# |

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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: 62.205 ug/l

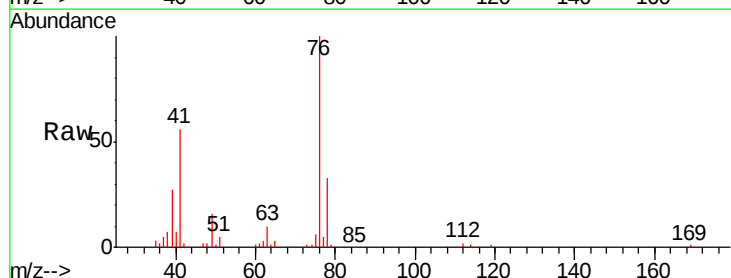
RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

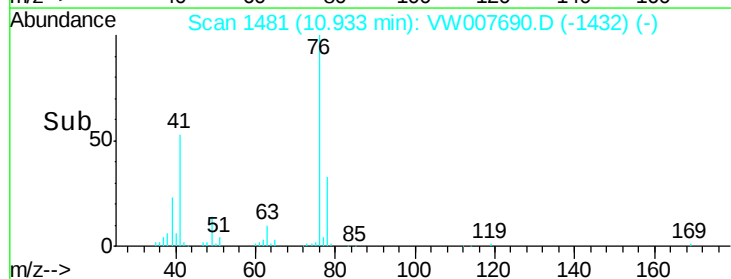
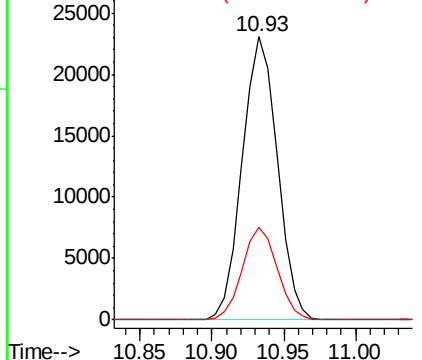
Lab File: VW007690.D

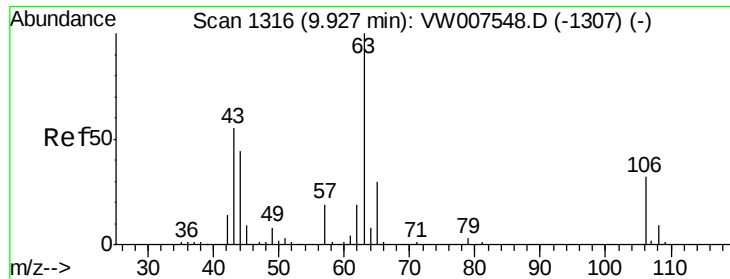
Acq: 19 Dec 2018 07:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 76    | Resp: | 38999 |
| Ion Ratio | Lower | Upper |       |
| 76        | 100   |       |       |
| 78        | 32.5  | 26.2  | 39.4  |



Abundance Ion 75.90 (75.60 to 76.60): VW  
Ion 77.90 (77.60 to 78.60): VW





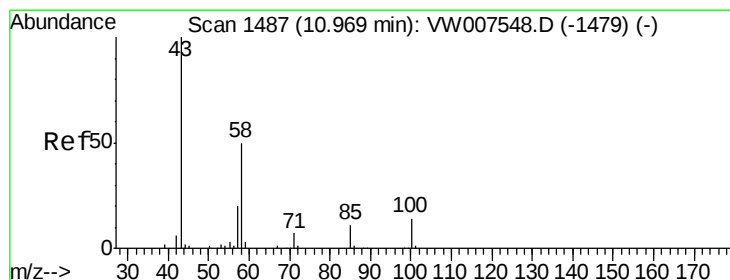
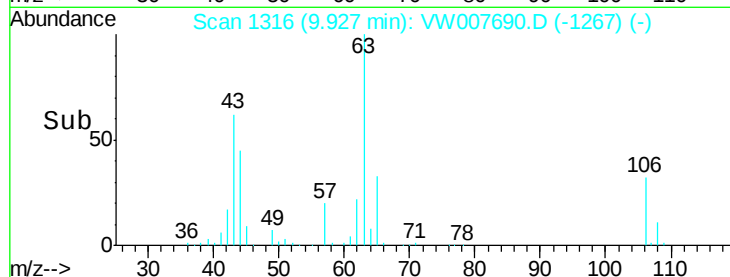
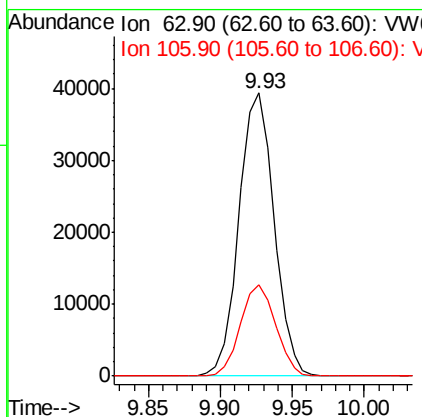
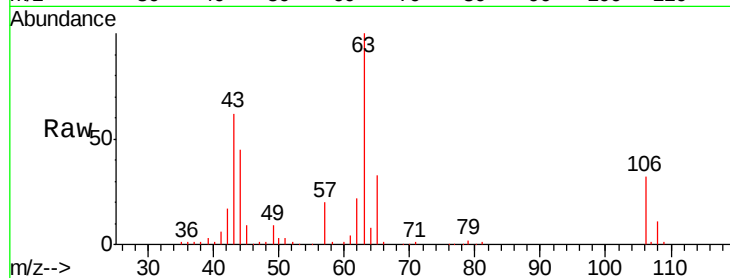
#58  
2-Chloroethyl Vinyl ether  
Concen: 314.909 ug/l  
RT: 9.93 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

Tgt Ion: 63 Resp: 66672  
Ion Ratio Lower Upper  
63 100  
106 32.5 25.0 37.6

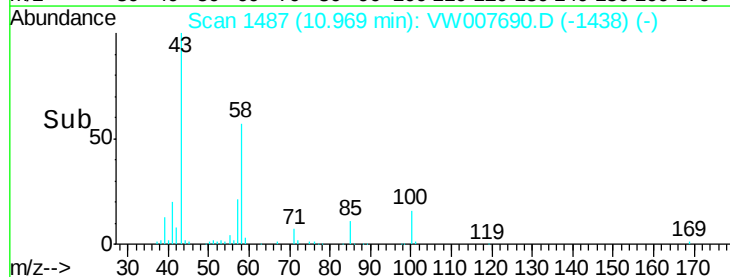
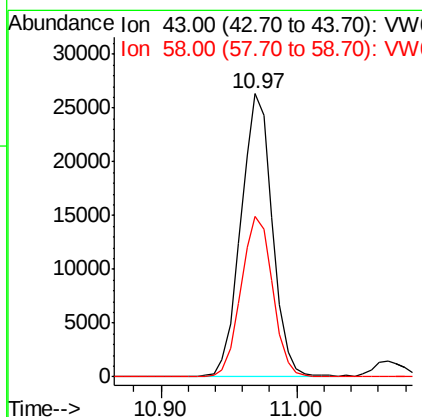
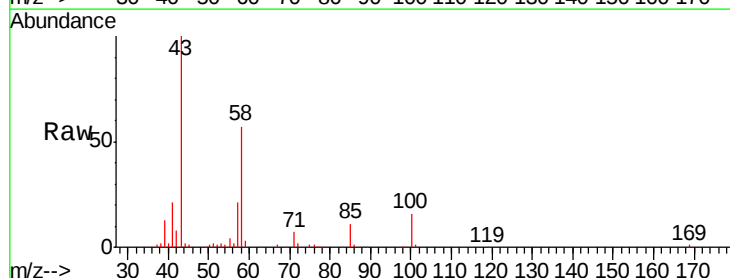
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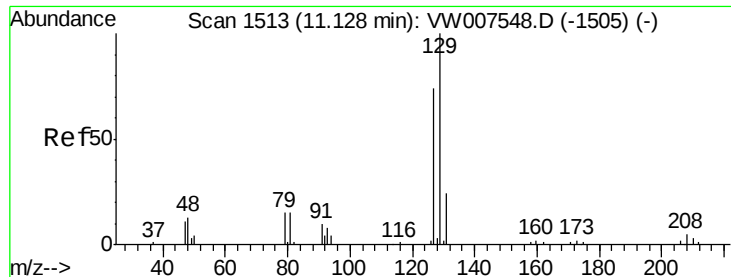
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#59  
2-Hexanone  
Concen: 238.811 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Tgt Ion: 43 Resp: 42539  
Ion Ratio Lower Upper  
43 100  
58 57.0 27.1 81.3





#60

Dibromochloromethane

Concen: 61.480 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

ClientSampleId :

P001-SS006-1824-01MS

Tgt Ion:129 Resp: 29636

Ion Ratio Lower Upper

129 100

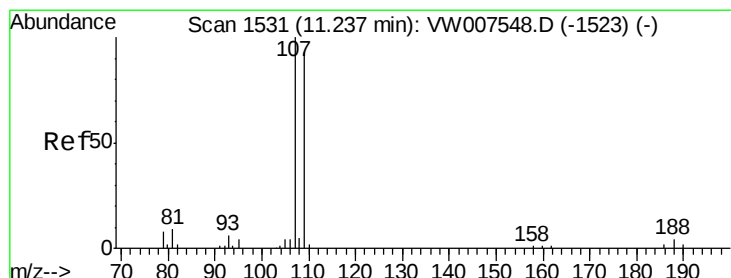
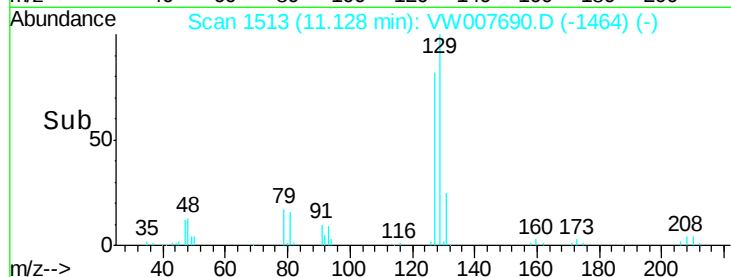
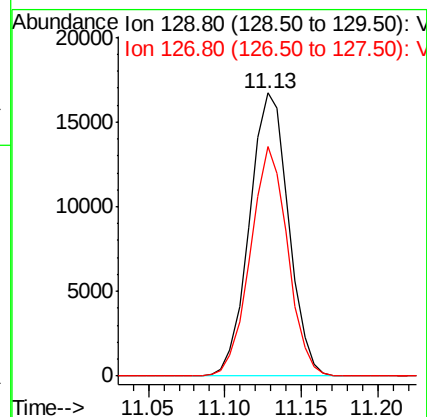
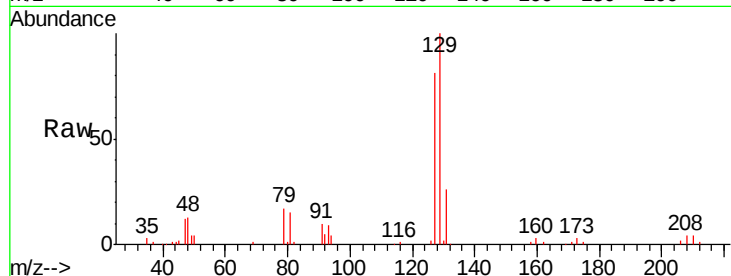
127 77.4 38.1 114.3

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#61

1,2-Dibromoethane

Concen: 61.424 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW007690.D

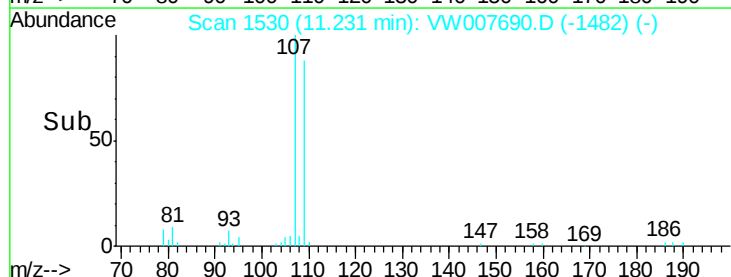
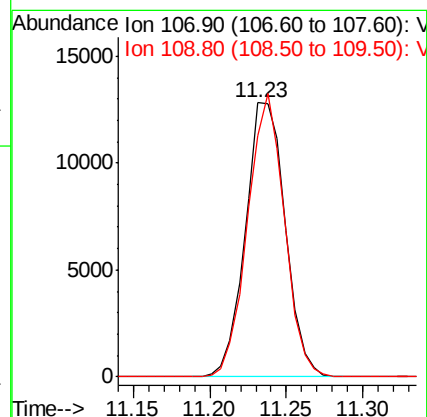
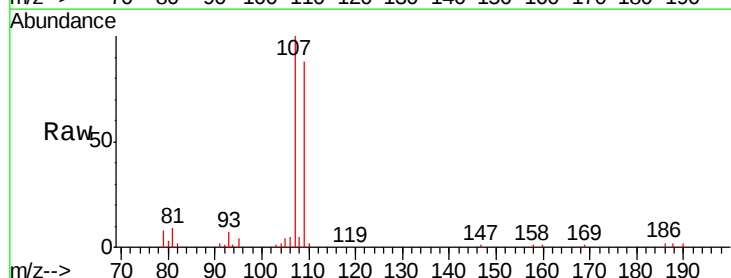
Acq: 19 Dec 2018 07:08

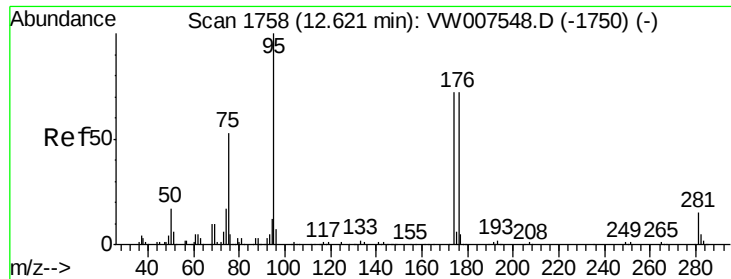
Tgt Ion:107 Resp: 23186

Ion Ratio Lower Upper

107 100

109 95.2 79.1 118.7





#62

4-Bromofluorobenzene

Concen: 40.696 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

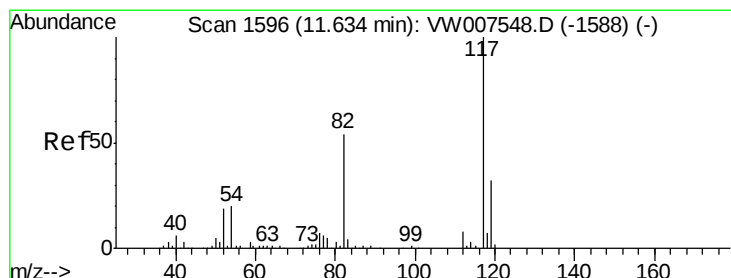
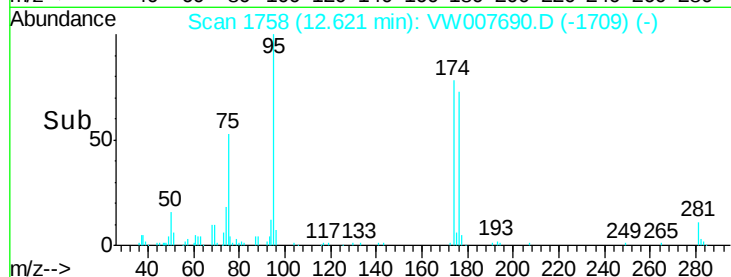
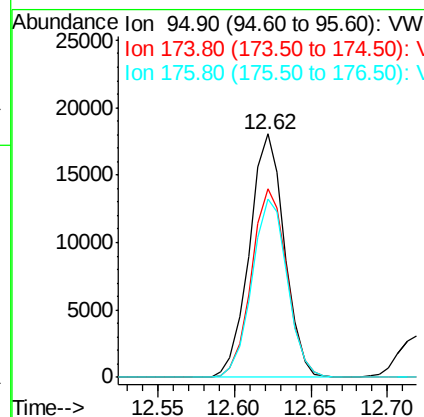
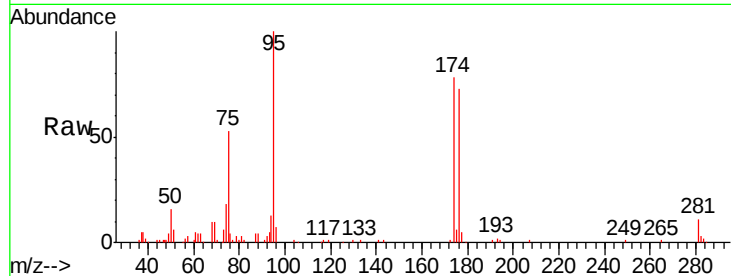
ClientSampleId :

P001-SS006-1824-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 95    | Resp: | 28649 |
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 78.4  | 0.0   | 147.2 |
| 176       | 74.1  | 0.0   | 138.8 |

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

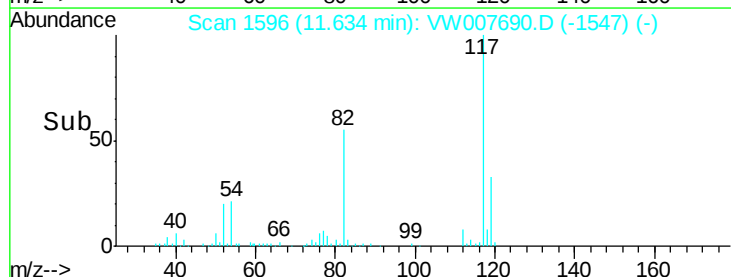
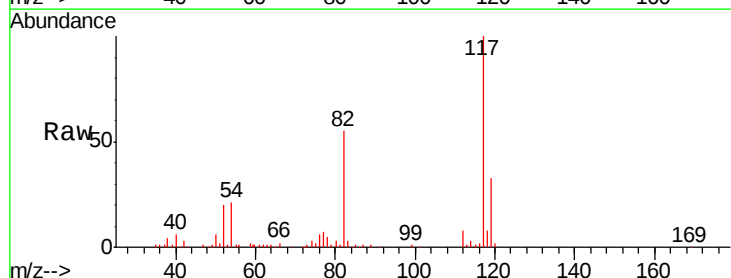
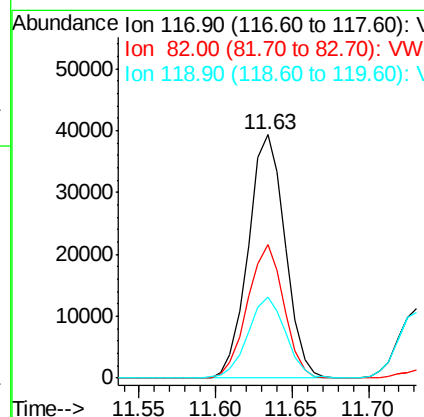
RT: 11.63 min Scan# 1596

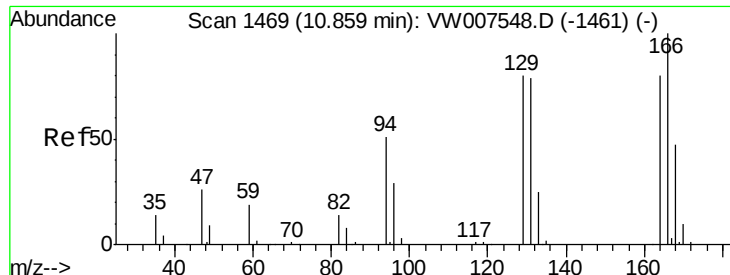
Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 65743 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 82        | 54.7  | 42.3  | 63.5  |
| 119       | 32.9  | 23.0  | 34.6  |





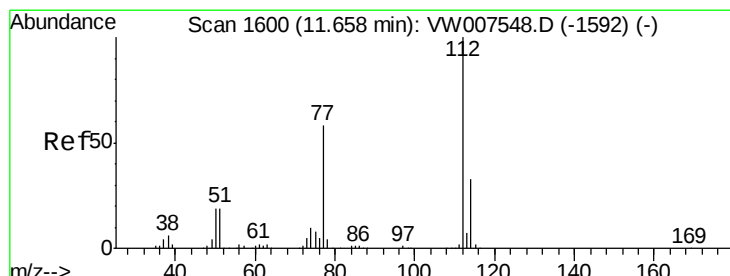
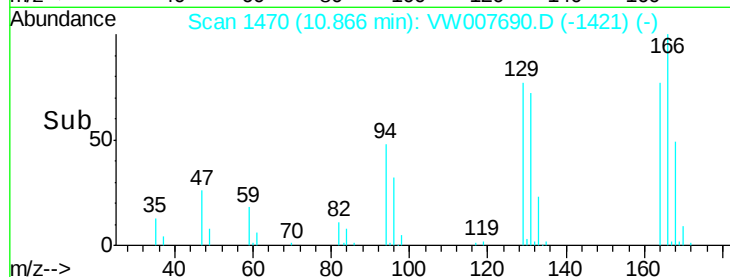
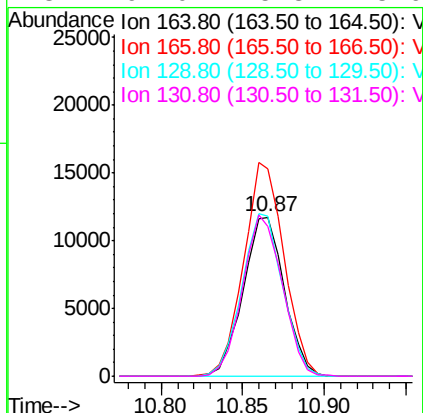
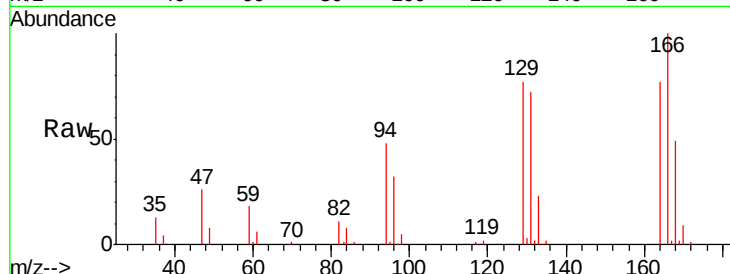
#64  
Tetrachloroethene  
Concen: 43.547 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.1 | 107.9 | 161.9 |
| 129     | 100.5 | 73.4  | 110.2 |
| 131     | 94.0  | 75.8  | 113.6 |

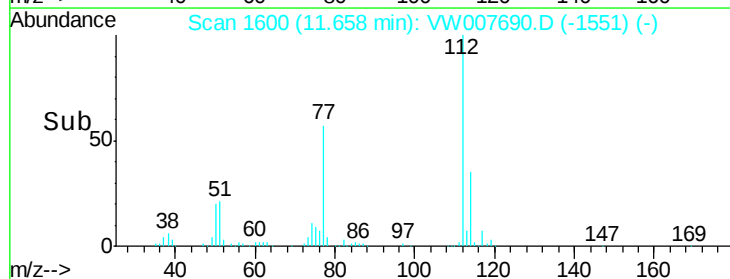
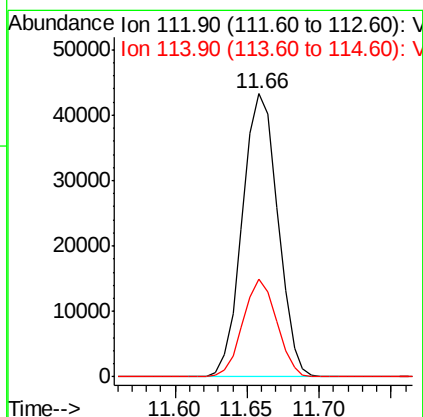
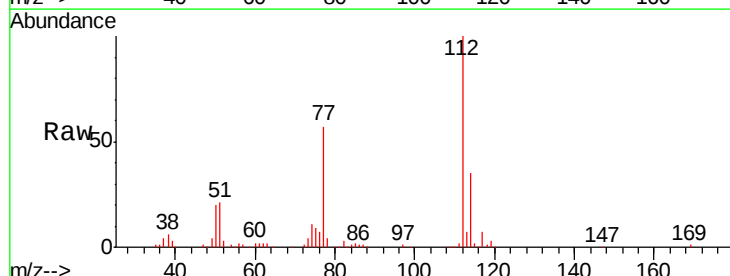
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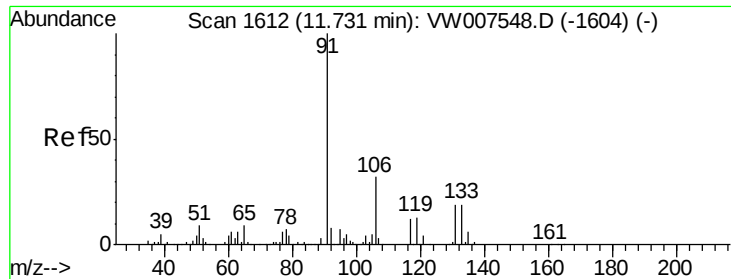
apatel  
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#65  
Chlorobenzene  
Concen: 53.970 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 34.6  | 27.8  | 41.8  |





#66

1,1,1,2-Tetrachloroethane

Concen: 62.961 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

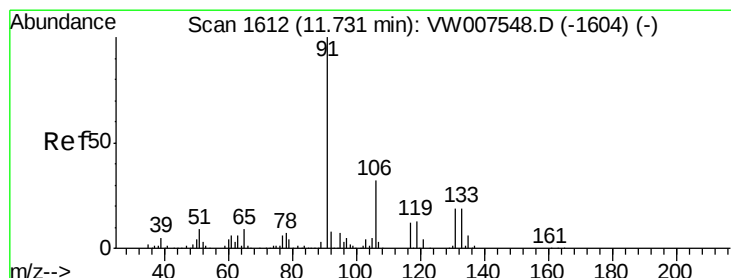
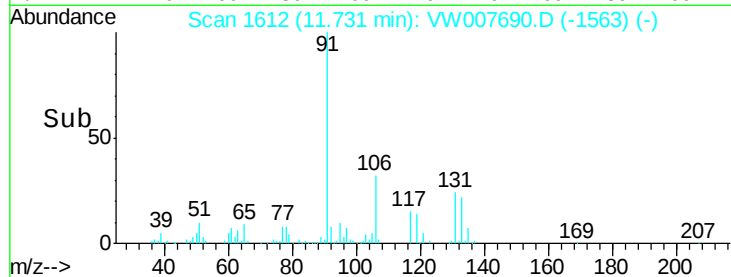
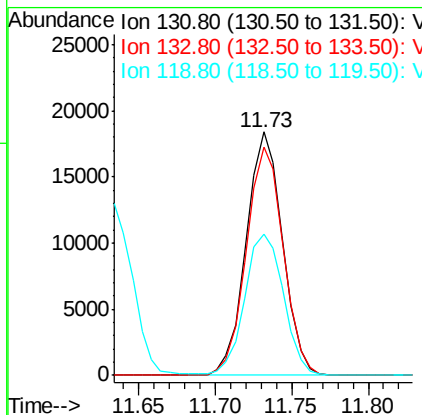
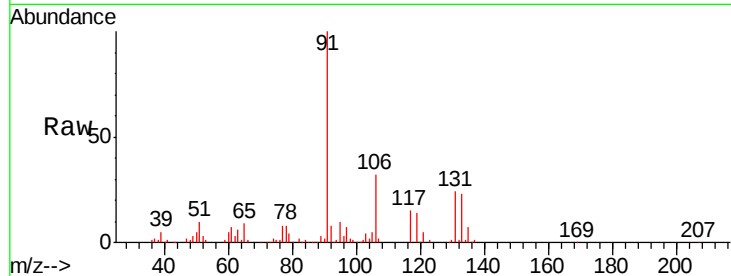
ClientSampleId :

P001-SS006-1824-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 131   | Resp: | 30386 |
| Ion Ratio | Lower | Upper |       |
| 131       | 100   |       |       |
| 133       | 95.6  | 47.1  | 141.4 |
| 119       | 62.1  | 31.3  | 93.9  |

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#67

Ethyl Benzene

Concen: 51.247 ug/l

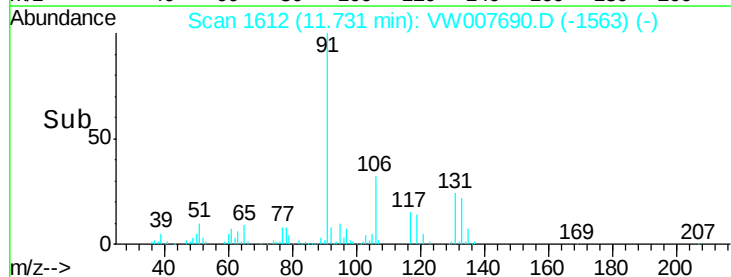
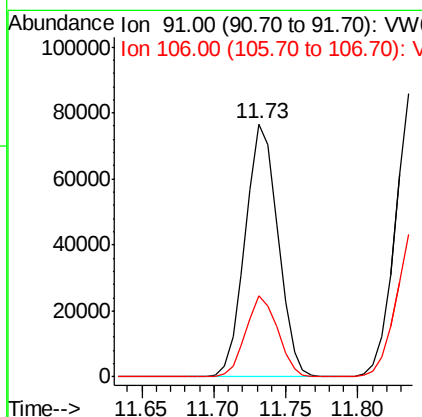
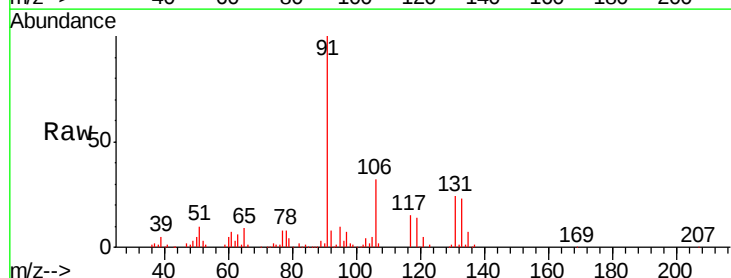
RT: 11.73 min Scan# 1612

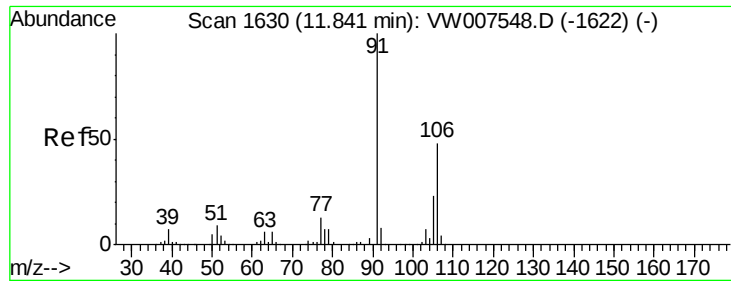
Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 120733 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 106       | 31.8  | 21.8  | 32.8   |





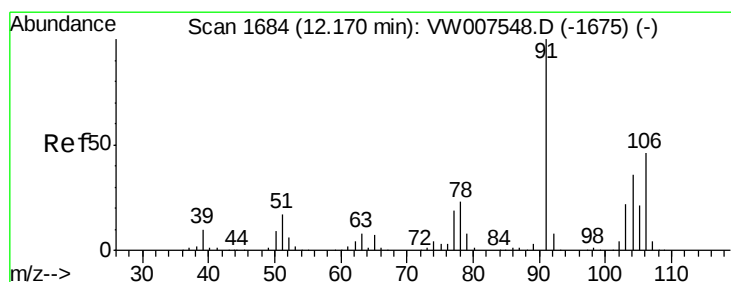
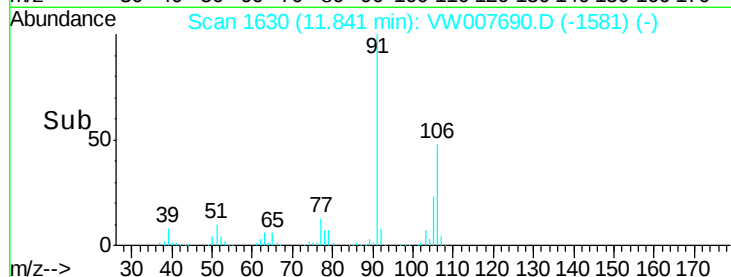
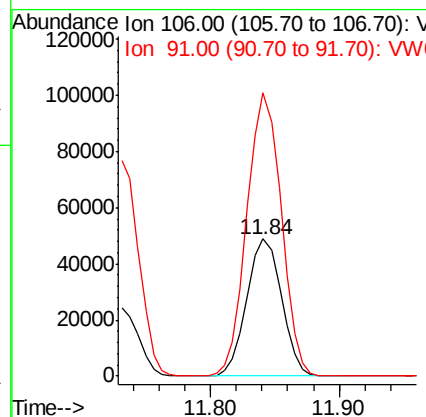
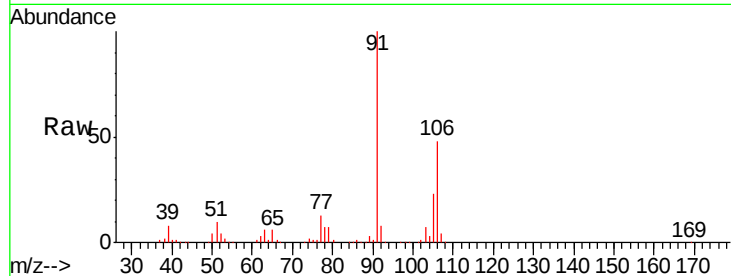
#68  
m/p-Xylenes  
Concen: 99.778 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

Tgt Ion:106 Resp: 91384  
Ion Ratio Lower Upper  
106 100  
91 204.2 165.3 247.9

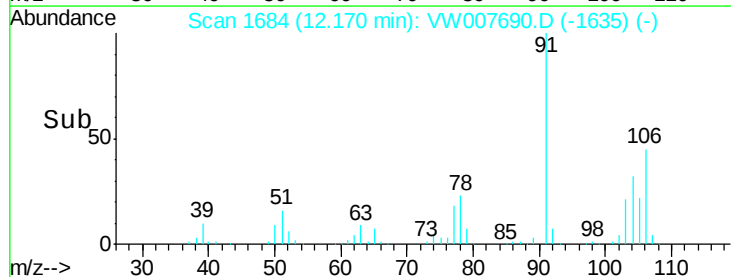
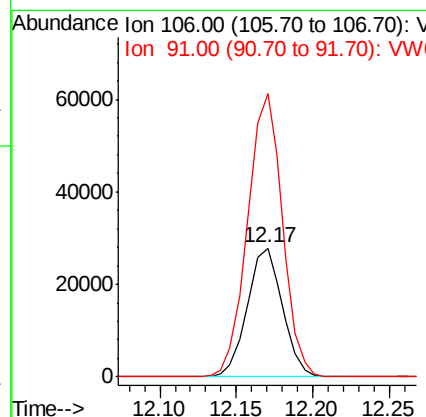
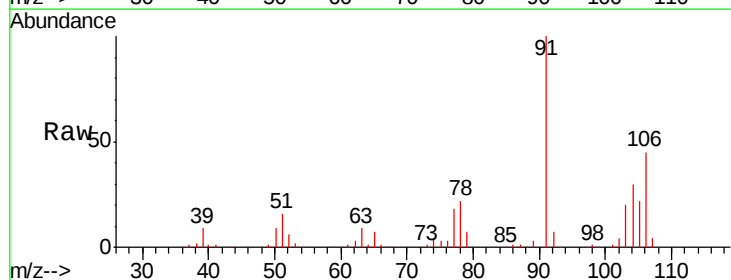
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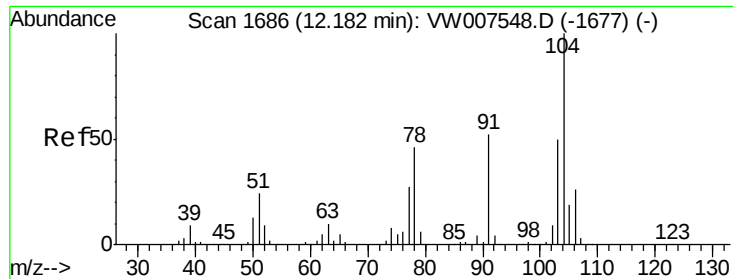
apatel  
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#69  
o-Xylene  
Concen: 51.851 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Tgt Ion:106 Resp: 44352  
Ion Ratio Lower Upper  
106 100  
91 218.4 106.6 319.8





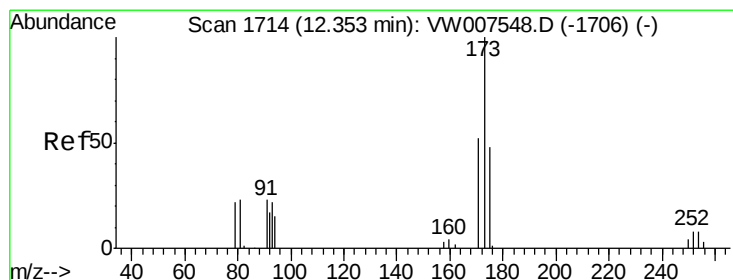
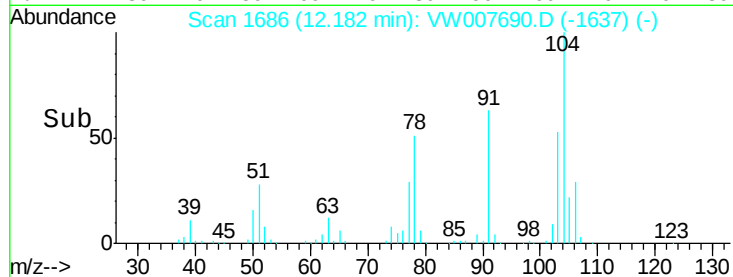
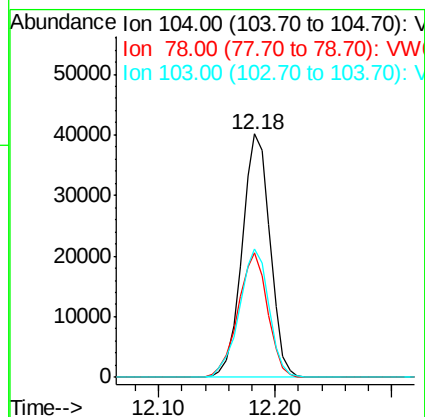
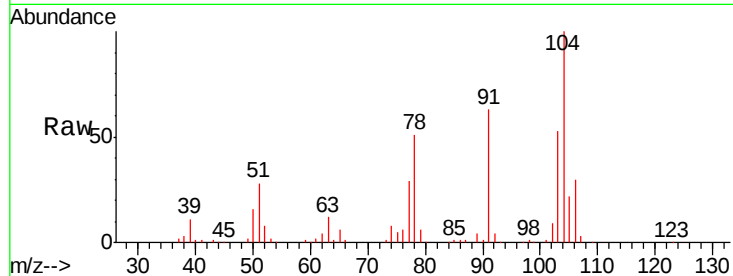
#70  
Styrene  
Concen: 48.673 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 54.4  | 41.8  | 62.8  |
| 103     | 55.6  | 46.6  | 69.8  |

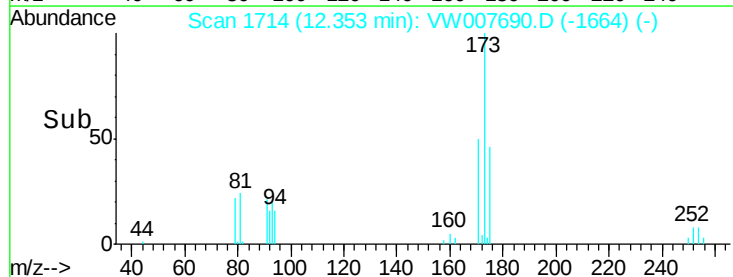
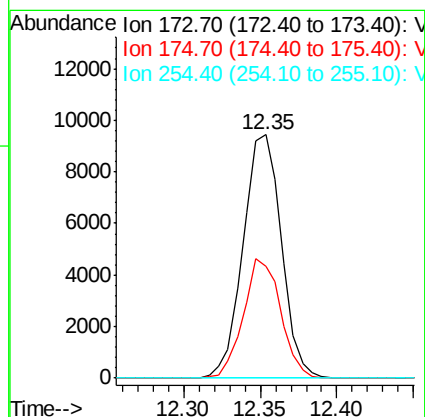
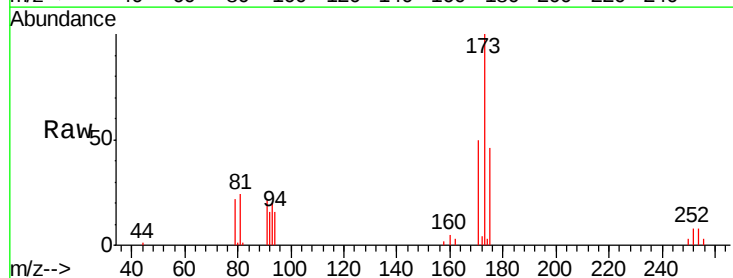
Manual Integrations  
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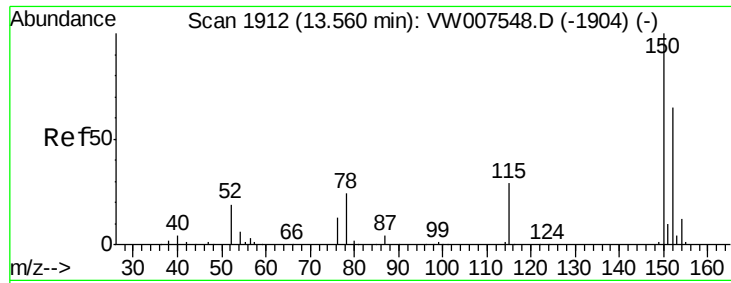
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#71  
Bromoform  
Concen: 66.496 ug/l  
RT: 12.35 min Scan# 1714  
Delta R.T. 0.01 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.7  | 23.6  | 70.8  |
| 254     | 0.0   | 0.0   | 0.0   |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

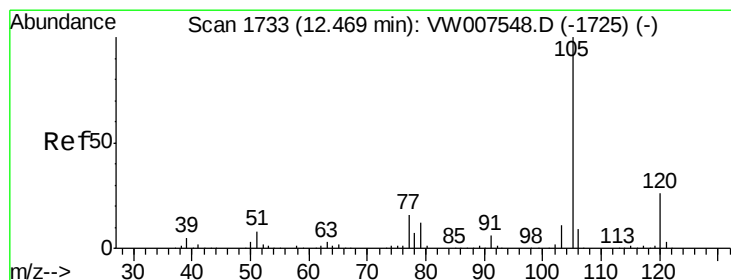
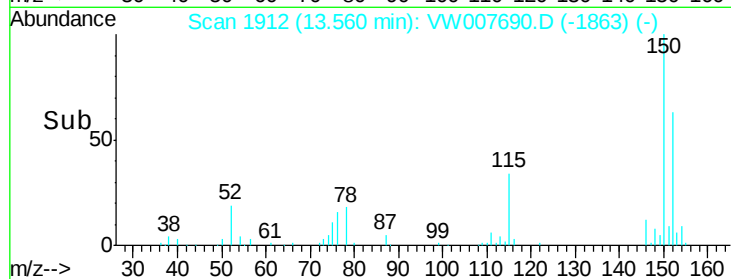
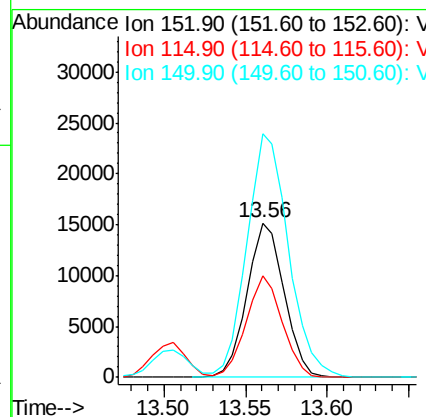
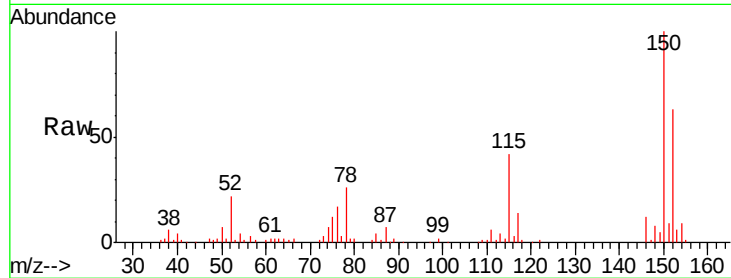
ClientSampleId :

P001-SS006-1824-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 24002 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 64.1  | 31.4  | 94.2  |
| 150       | 176.3 | 0.0   | 358.4 |

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#73

Isopropylbenzene

Concen: 55.743 ug/l

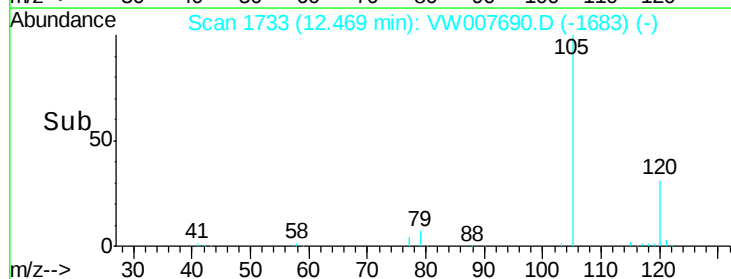
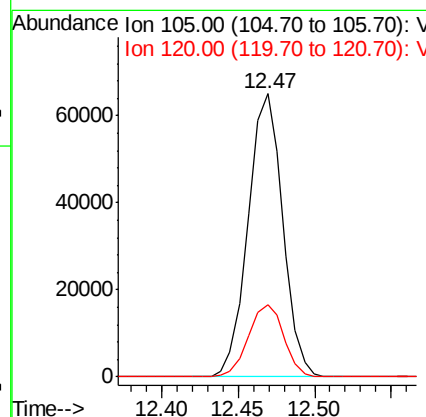
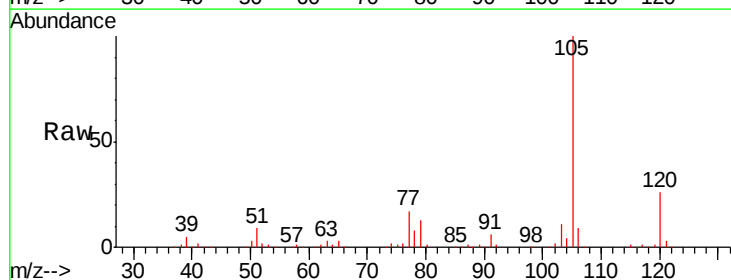
RT: 12.47 min Scan# 1733

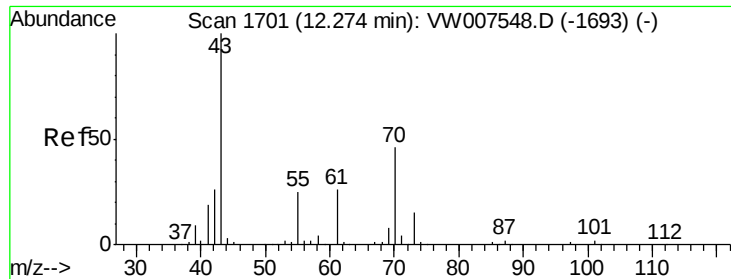
Delta R.T. 0.01 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 102519 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 26.1  | 12.8  | 38.4   |





#74

N-ethyl acetate

Concen: 3.919 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

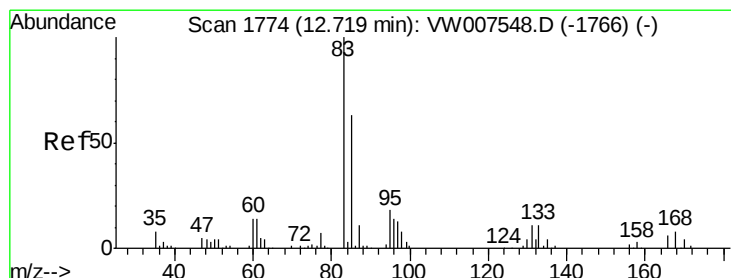
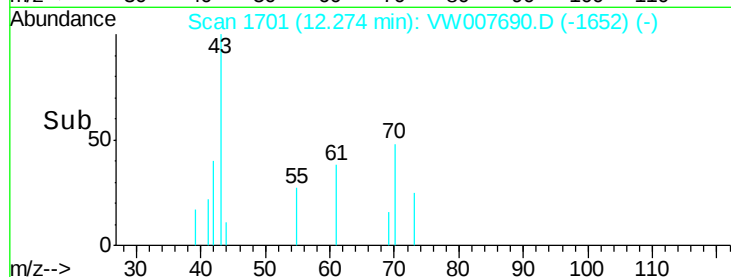
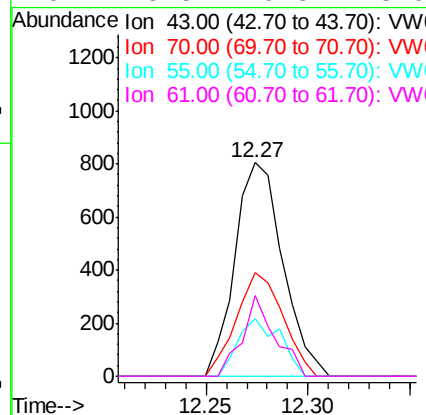
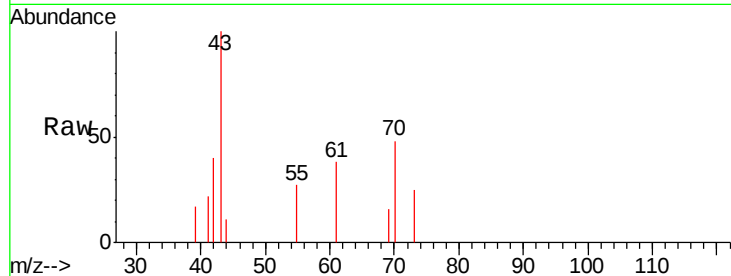
ClientSampleId :

P001-SS006-1824-01MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 1310  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 47.3  | 36.5  | 54.7  |
| 55       | 23.6  | 20.1  | 30.1  |
| 61       | 25.5  | 19.3  | 28.9  |

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#75

1,1,2,2-Tetrachloroethane

Concen: 87.714 ug/l

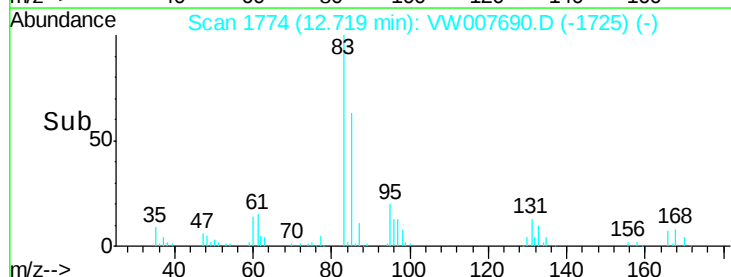
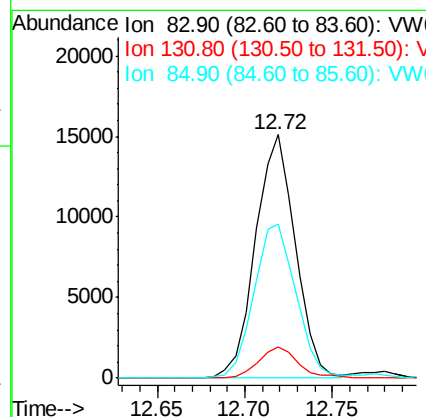
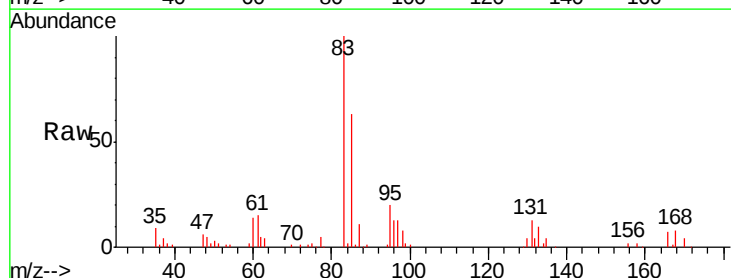
RT: 12.72 min Scan# 1774

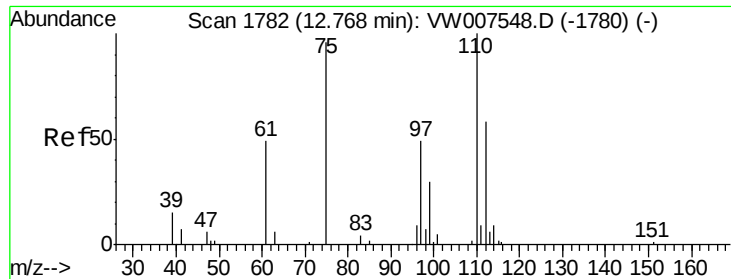
Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 23893 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 12.6  | 5.9   | 17.8  |
| 85       | 66.8  | 30.0  | 90.0  |





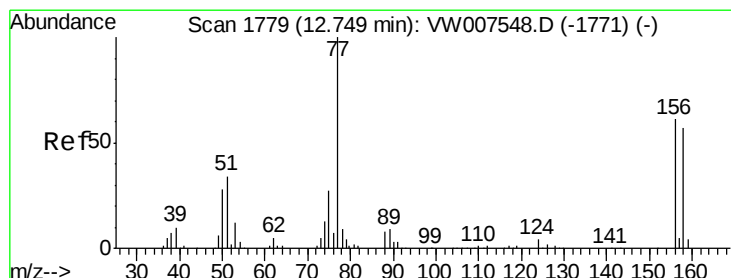
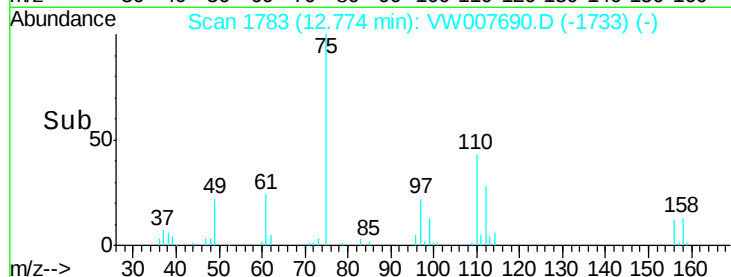
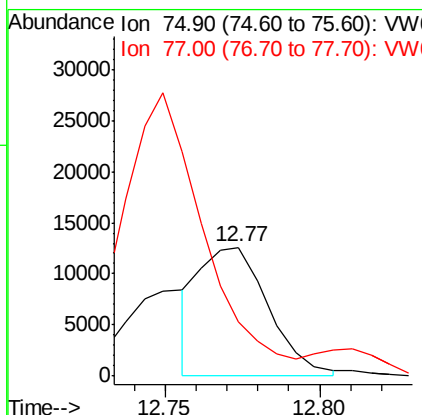
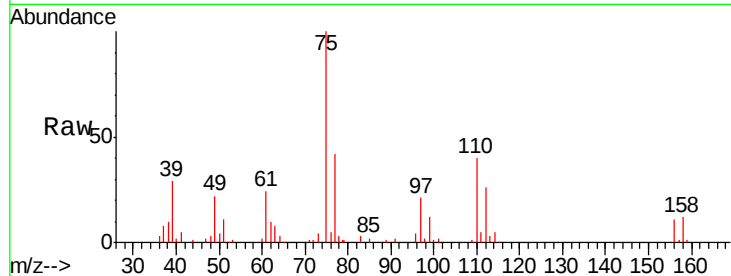
#76  
 1,2,3-Trichloropropane  
 Concen: 99.321 ug/l m  
 RT: 12.77 min Scan# 1783  
 Delta R.T. 0.01 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS006-1824-01MS

Tgt Ion: 75 Resp: 19656  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 166.9 500.8#

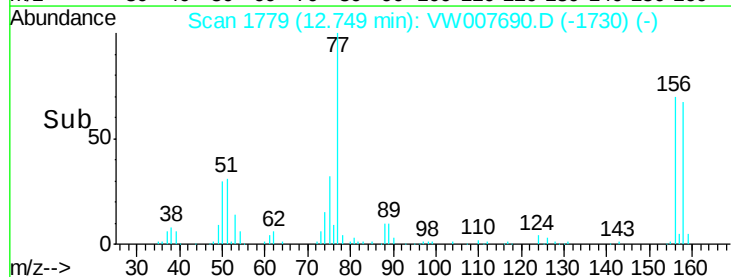
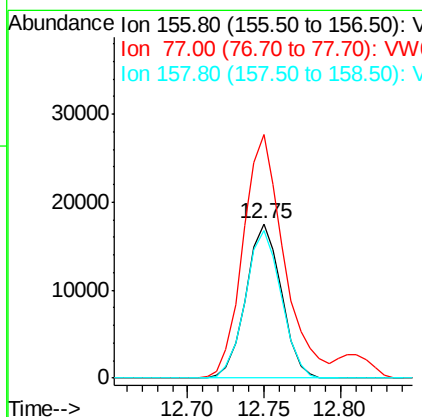
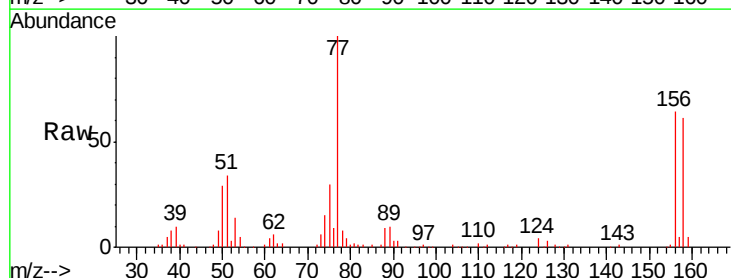
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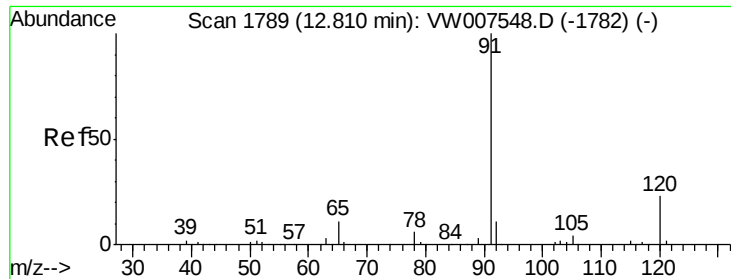
apatel  
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#77  
 Bromobenzene  
 Concen: 69.278 ug/l  
 RT: 12.75 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Tgt Ion: 156 Resp: 28242  
 Ion Ratio Lower Upper  
 156 100  
 77 181.8 88.1 264.4  
 158 96.8 45.6 136.7





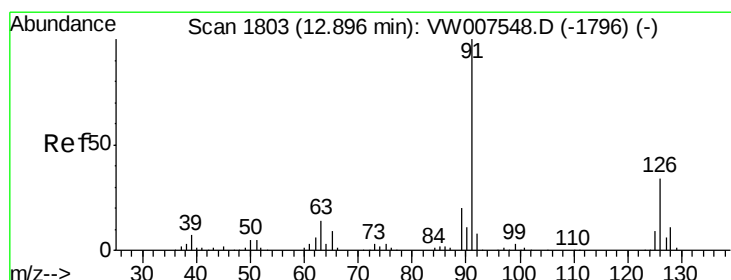
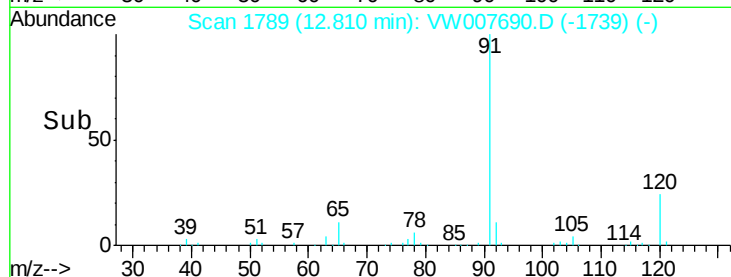
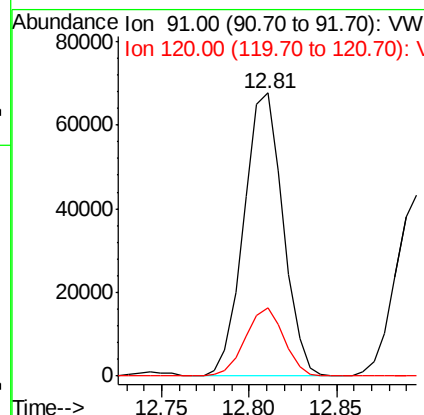
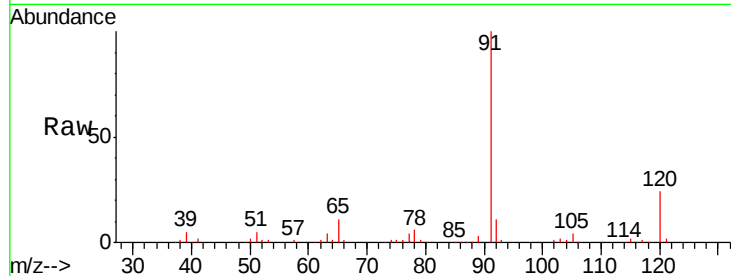
#78  
n-propylbenzene  
Concen: 50.828 ug/l  
RT: 12.81 min Scan# 1789  
Delta R.T. 0.01 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

Tgt Ion: 91 Resp: 105201  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.9 35.5

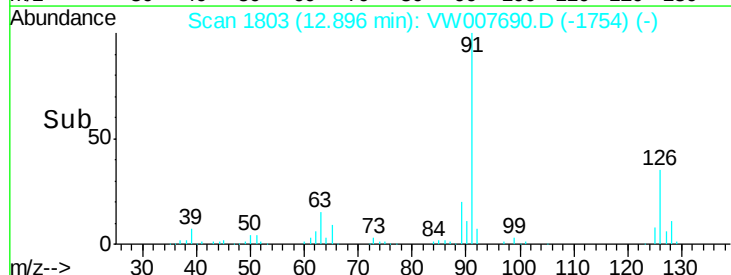
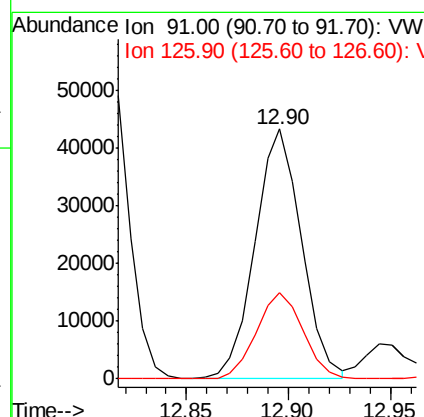
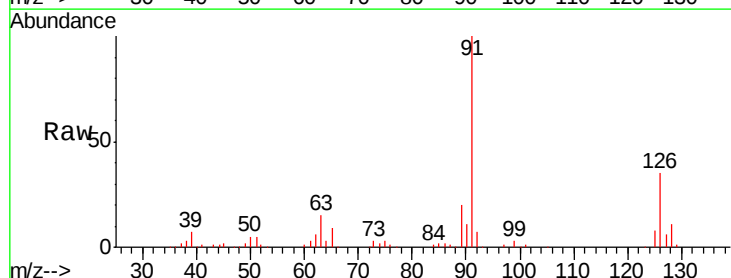
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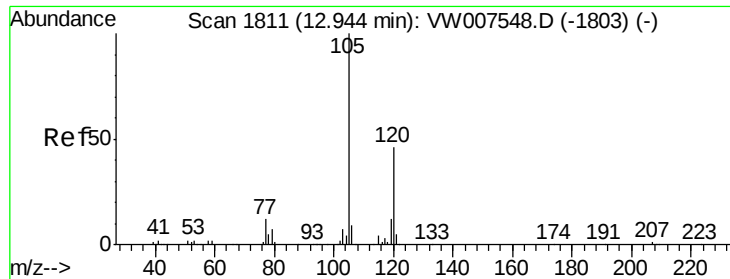
apatel  
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#79  
2-Chlorotoluene  
Concen: 54.689 ug/l  
RT: 12.90 min Scan# 1803  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Tgt Ion: 91 Resp: 68491  
Ion Ratio Lower Upper  
91 100  
126 34.7 15.9 47.6





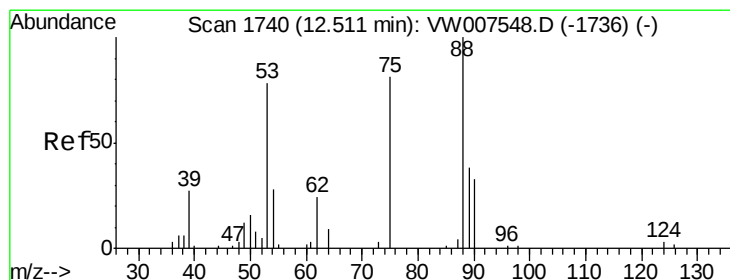
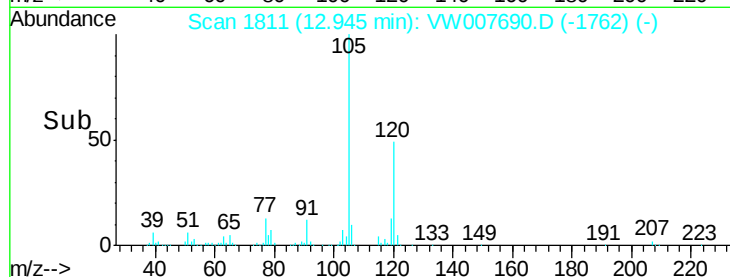
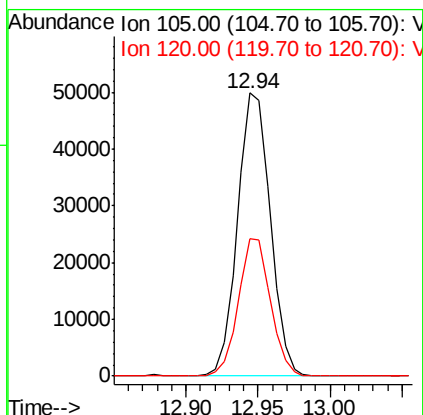
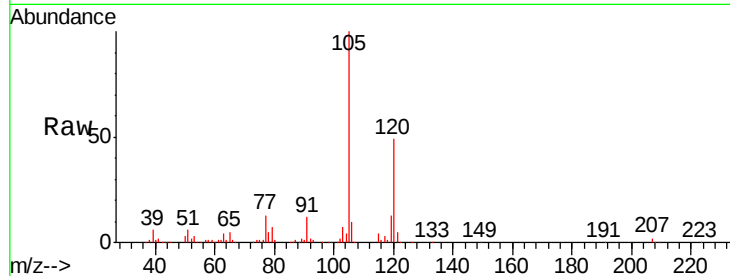
#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.971 ug/l  
 RT: 12.94 min Scan# 1811  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS006-1824-01MS

Tgt Ion: 105 Resp: 78767  
 Ion Ratio Lower Upper  
 105 100  
 120 47.5 23.8 71.4

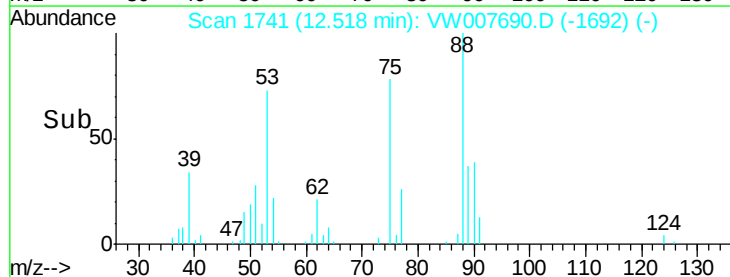
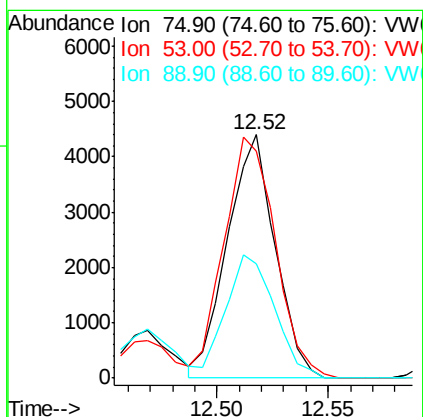
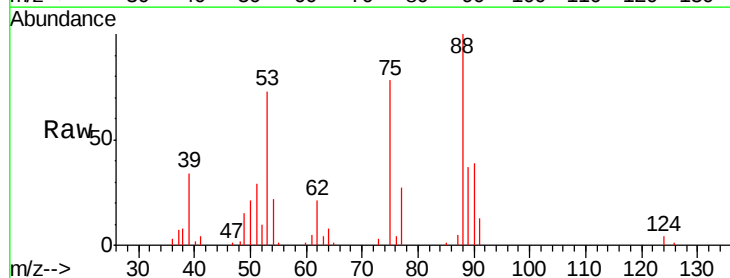
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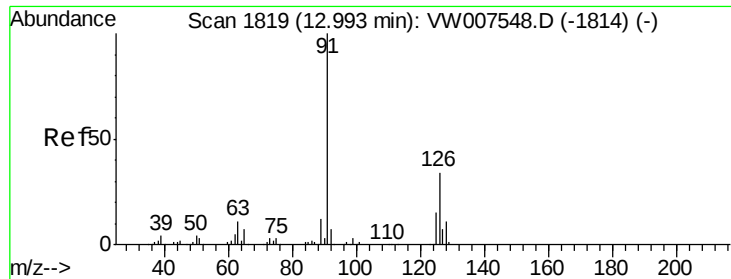
apatel  
 12/19/2018 12:15:52 PM



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 73.446 ug/l  
 RT: 12.52 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Tgt Ion: 75 Resp: 6580  
 Ion Ratio Lower Upper  
 75 100  
 53 106.6 84.9 127.3  
 89 51.0 40.3 60.5





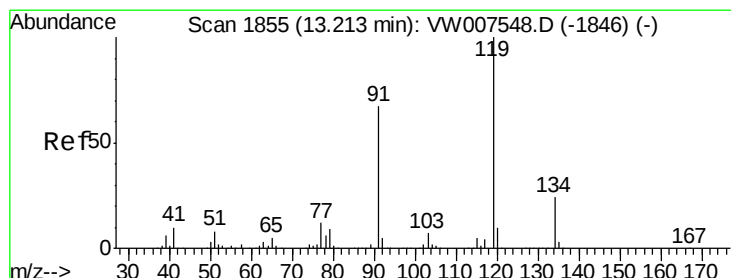
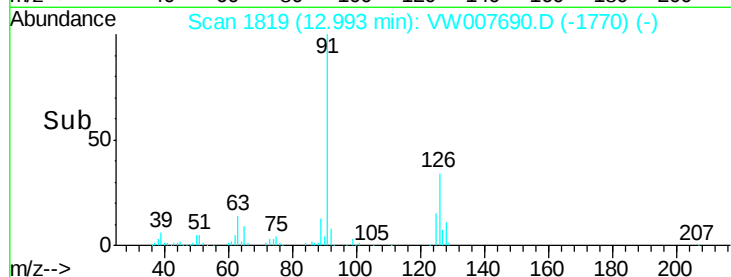
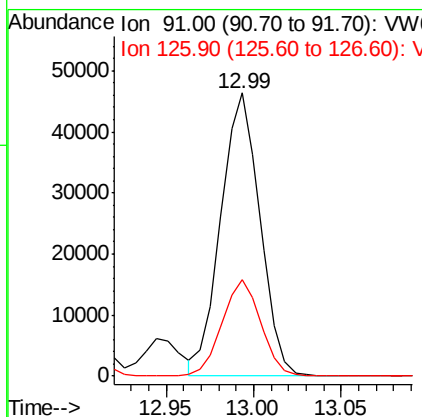
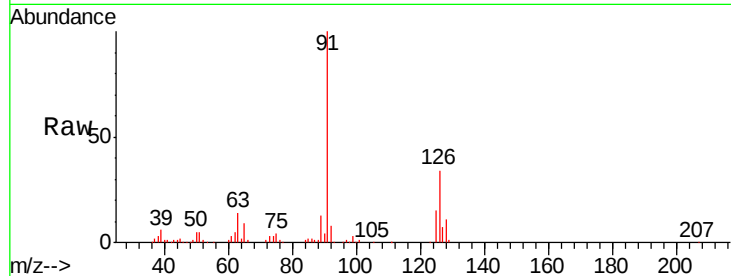
#82  
4-Chlorotoluene  
Concen: 54.595 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

Tgt Ion: 91 Resp: 72073  
Ion Ratio Lower Upper  
91 100  
126 34.0 16.0 48.0

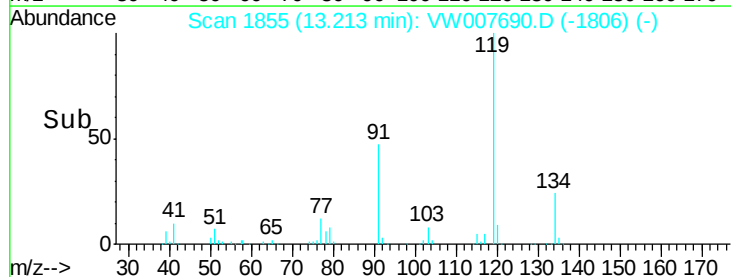
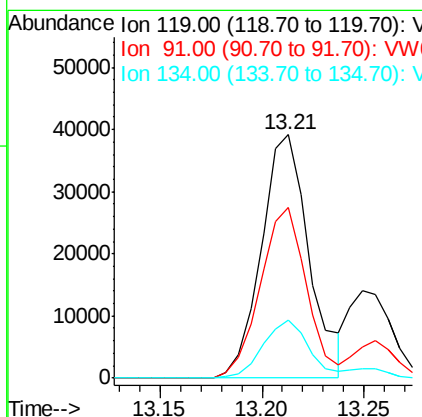
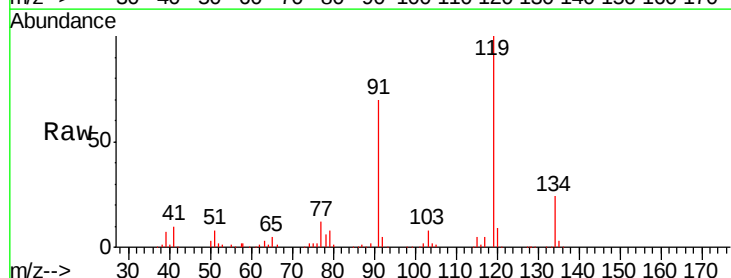
Manual Integrations  
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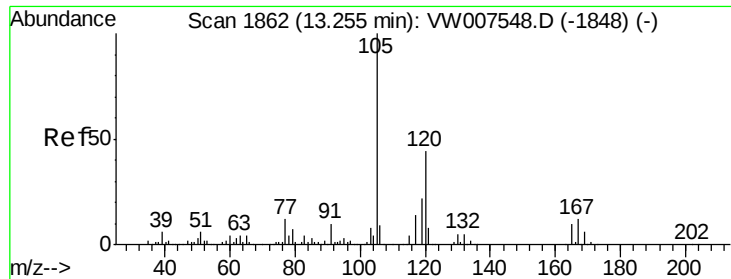
apatel  
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#83  
tert-Butylbenzene  
Concen: 46.886 ug/l  
RT: 13.21 min Scan# 1855  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Tgt Ion: 119 Resp: 63842  
Ion Ratio Lower Upper  
119 100  
91 67.7 33.1 99.2  
134 22.9 12.5 37.5





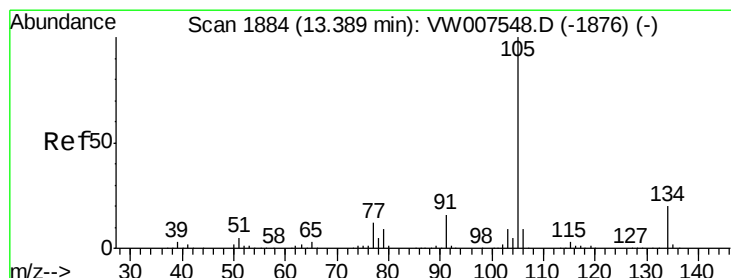
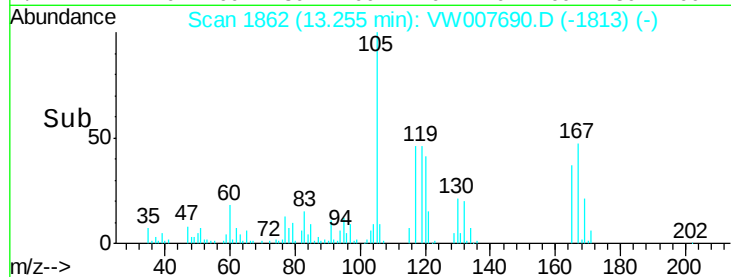
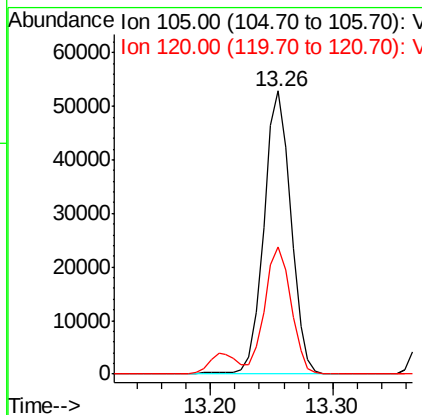
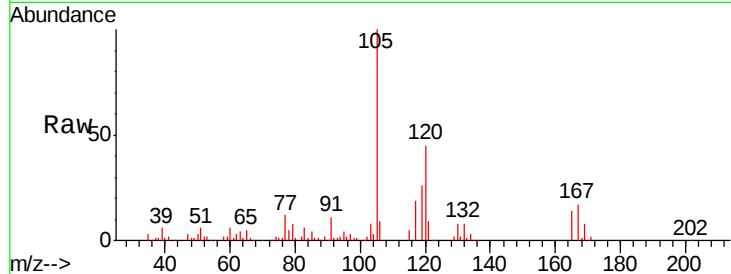
#84  
1,2,4-Trimethylbenzene  
Concen: 51.011 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

Tgt Ion:105 Resp: 81119  
Ion Ratio Lower Upper  
105 100  
120 44.4 22.6 67.7

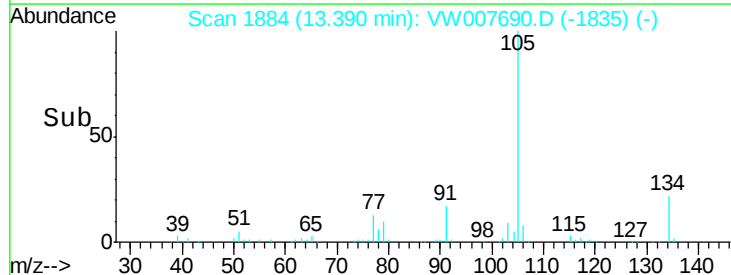
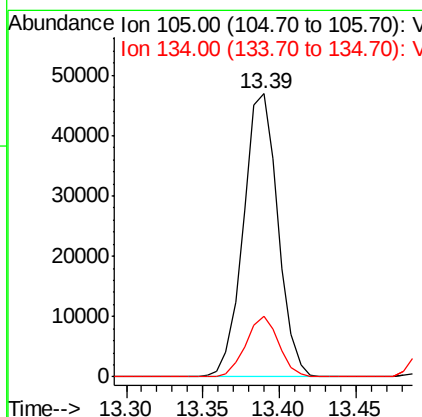
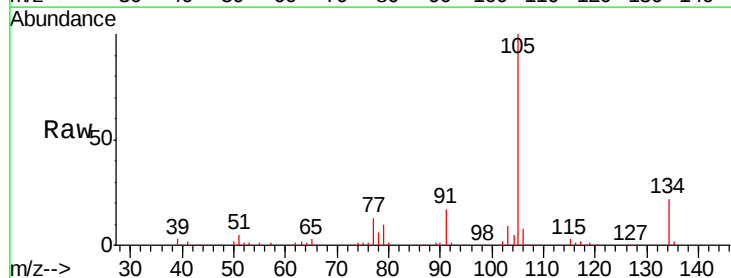
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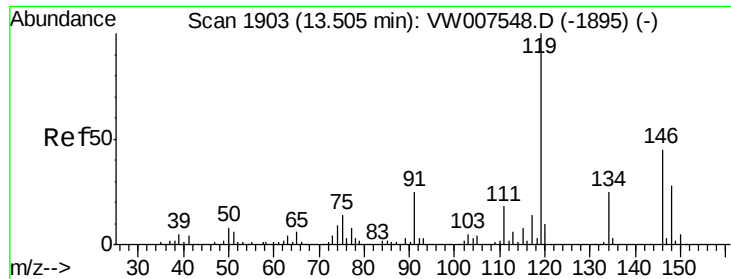
apatel  
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#85  
sec-Butylbenzene  
Concen: 39.516 ug/l  
RT: 13.39 min Scan# 1884  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Tgt Ion:105 Resp: 73452  
Ion Ratio Lower Upper  
105 100  
134 20.5 11.1 33.3





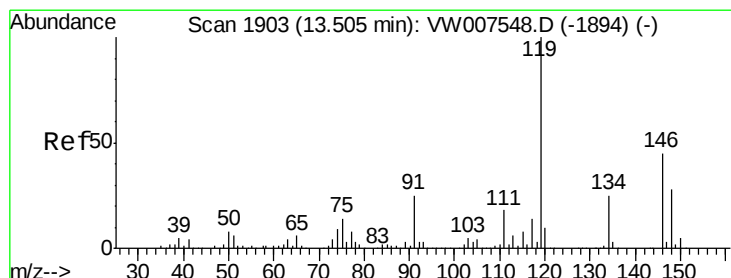
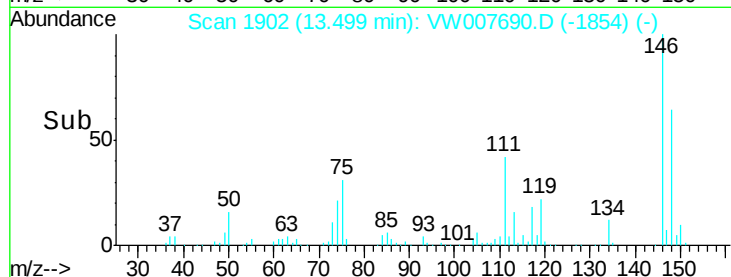
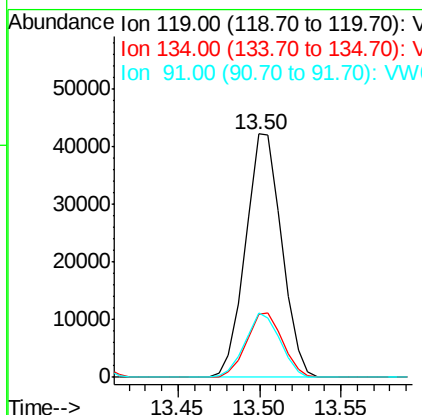
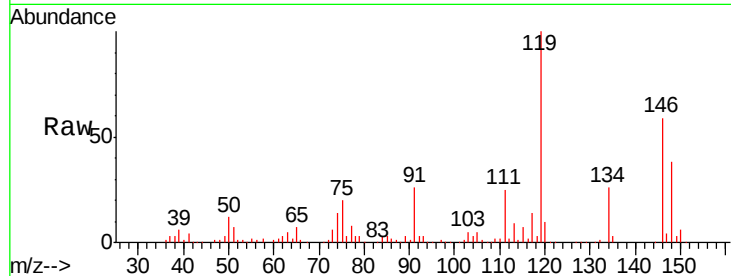
#86  
p-Isopropyltoluene  
Concen: 39.160 ug/l  
RT: 13.50 min Scan# 1902  
Delta R.T. -0.01 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.5  | 12.9  | 38.7  |
| 91      | 25.4  | 11.9  | 35.9  |

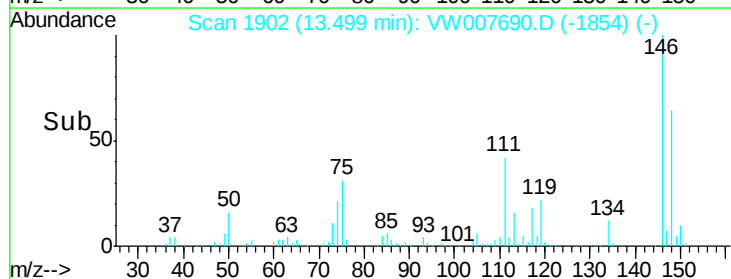
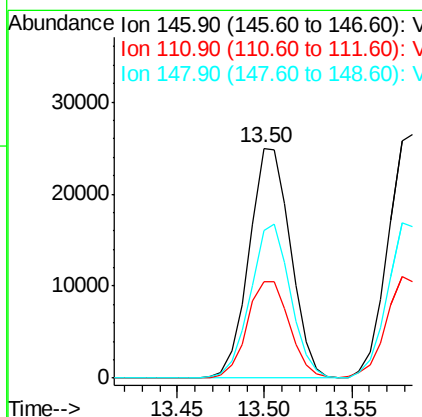
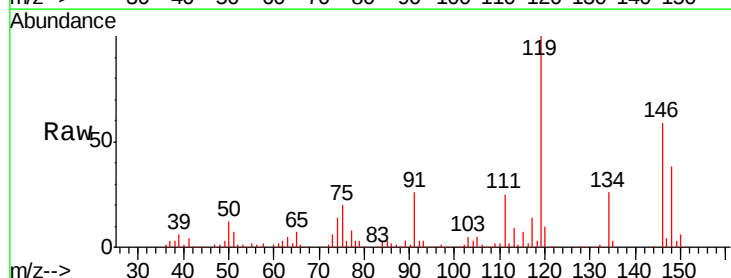
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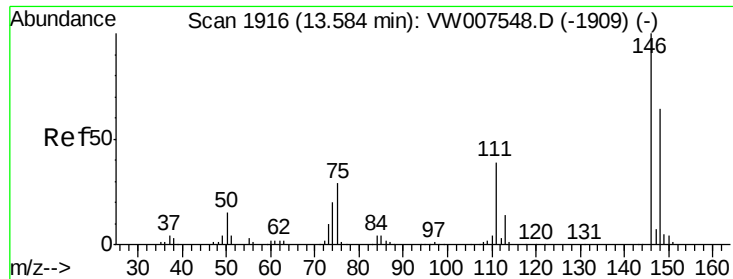
apatel  
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#87  
1,3-Dichlorobenzene  
Concen: 50.713 ug/l  
RT: 13.50 min Scan# 1902  
Delta R.T. -0.01 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.8  | 20.1  | 60.3  |
| 148     | 64.8  | 31.4  | 94.0  |





#88

1,4-Dichlorobenzene

Concen: 52.971 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

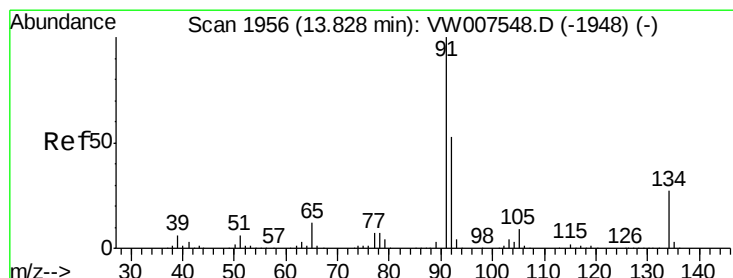
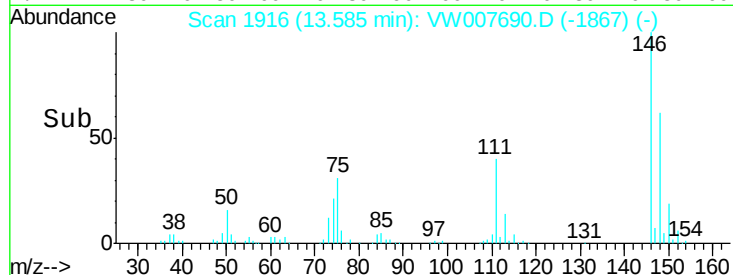
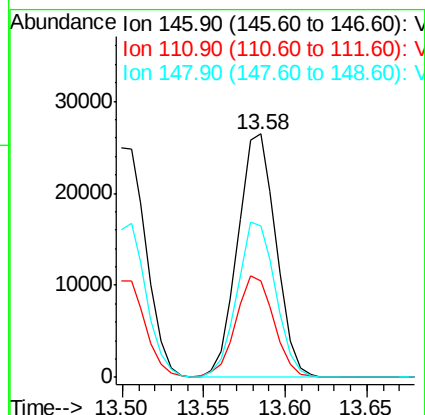
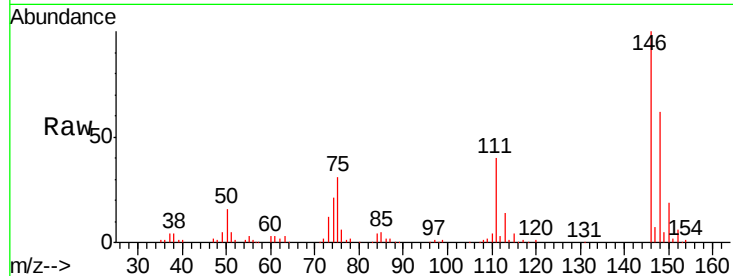
ClientSampleId :

P001-SS006-1824-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 43284 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 41.3  | 20.3  | 61.0  |
| 148       | 63.8  | 33.5  | 100.5 |

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#89

n-Butylbenzene

Concen: 29.935 ug/l

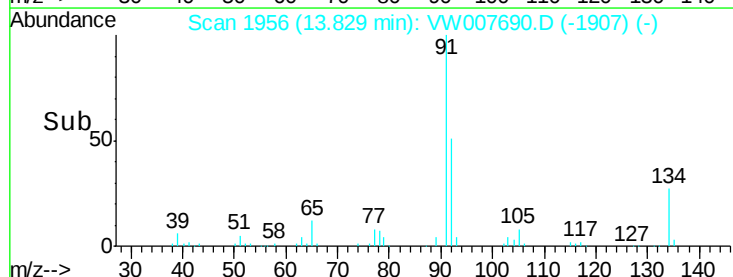
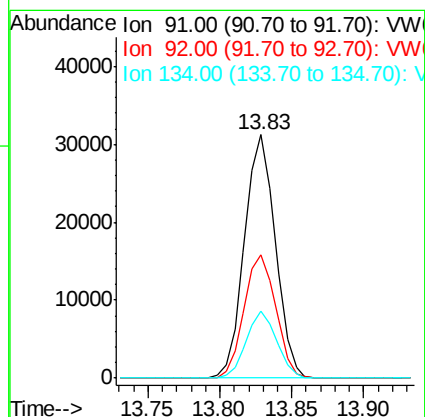
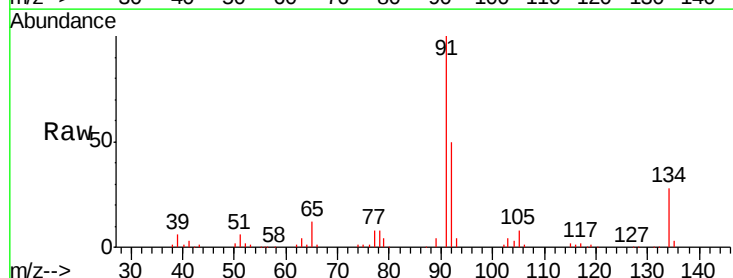
RT: 13.83 min Scan# 1956

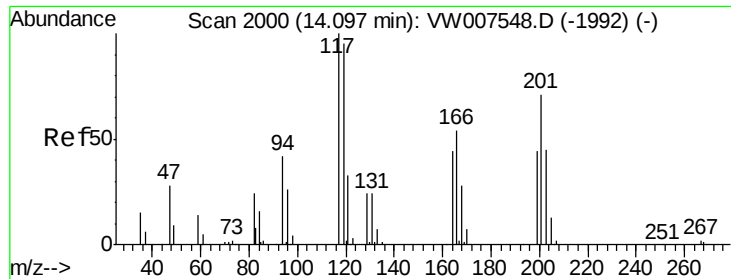
Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 46341 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 92        | 51.8  | 25.7  | 77.1  |
| 134       | 27.1  | 13.4  | 40.2  |





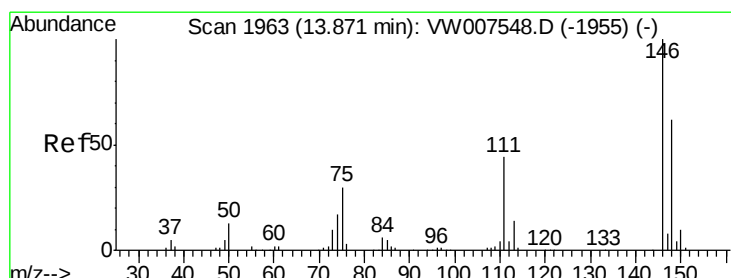
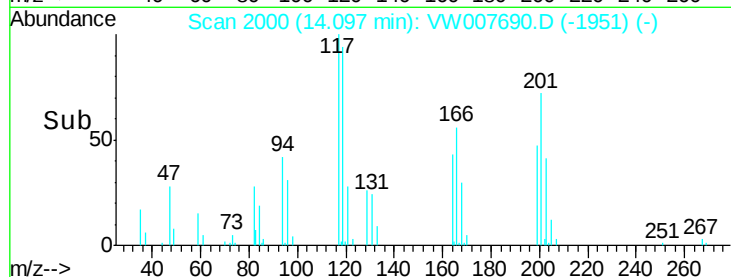
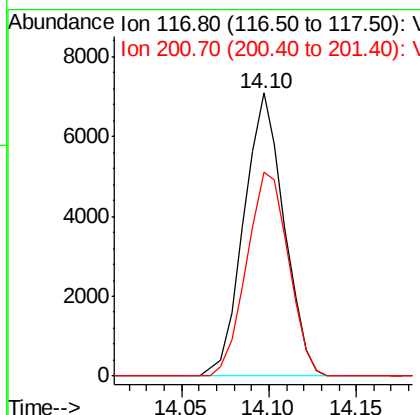
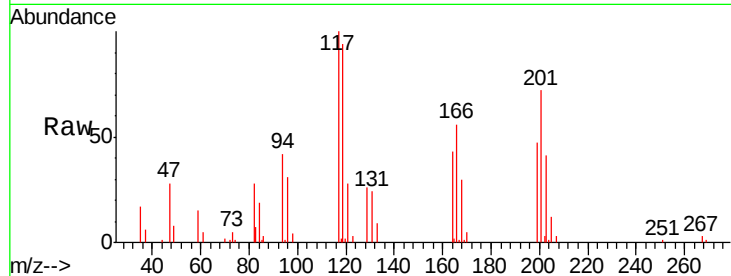
#90  
Hexachloroethane  
Concen: 38.071 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS006-1824-01MS

Tgt Ion:117 Resp: 11312  
Ion Ratio Lower Upper  
117 100  
201 75.3 35.3 105.9

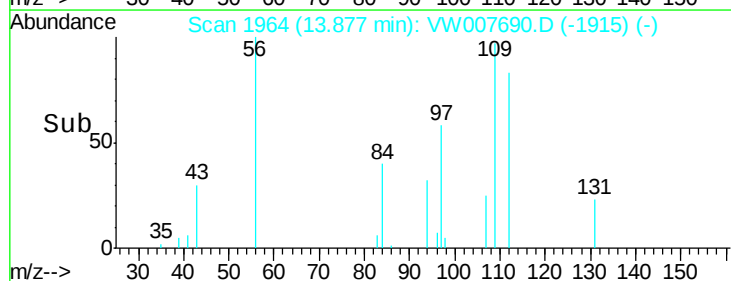
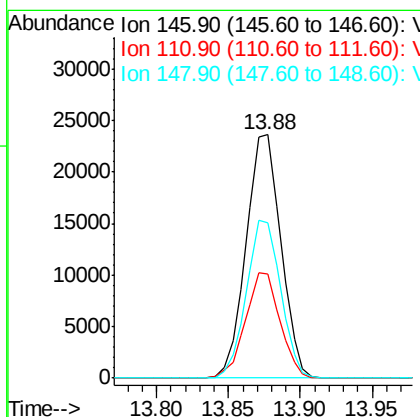
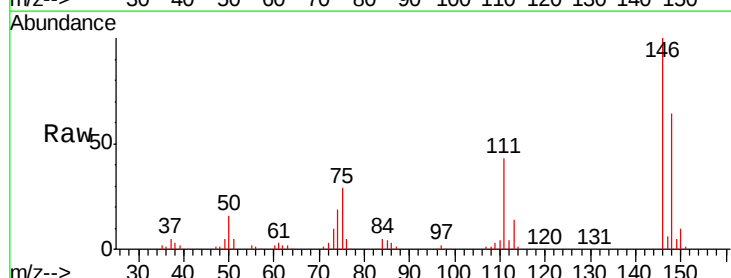
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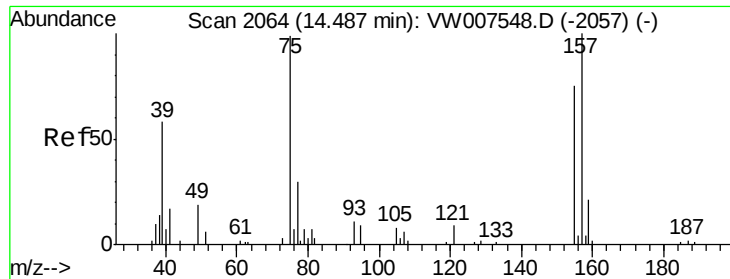
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#91  
1,2-Dichlorobenzene  
Concen: 54.304 ug/l  
RT: 13.88 min Scan# 1964  
Delta R.T. 0.00 min  
Lab File: VW007690.D  
Acq: 19 Dec 2018 07:08

Tgt Ion:146 Resp: 39533  
Ion Ratio Lower Upper  
146 100  
111 42.7 22.4 67.2  
148 63.7 32.4 97.2





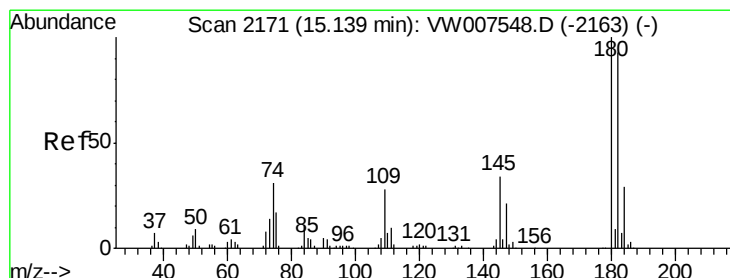
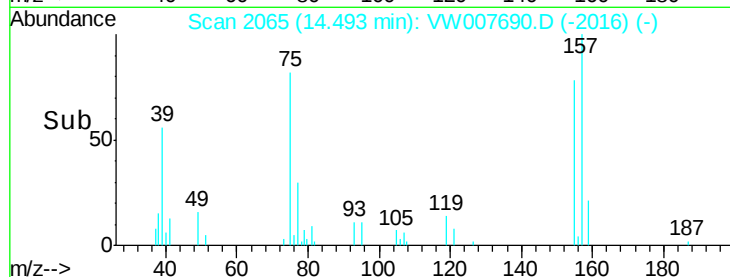
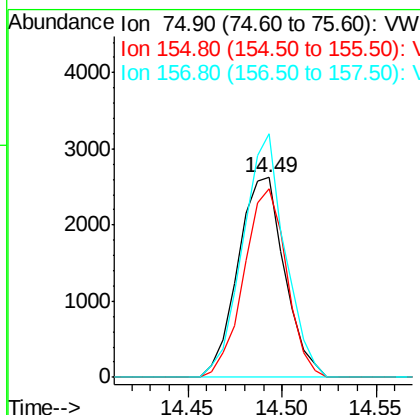
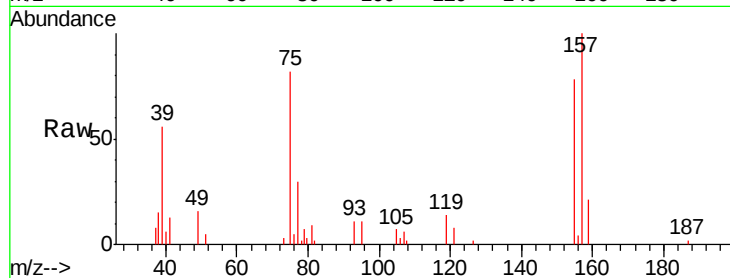
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 82.376 ug/l  
 RT: 14.49 min Scan# 2065  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS006-1824-01MS

Tgt Ion: 75 Resp: 4503  
 Ion Ratio Lower Upper  
 75 100  
 155 86.2 40.8 122.2  
 157 110.3 51.1 153.4

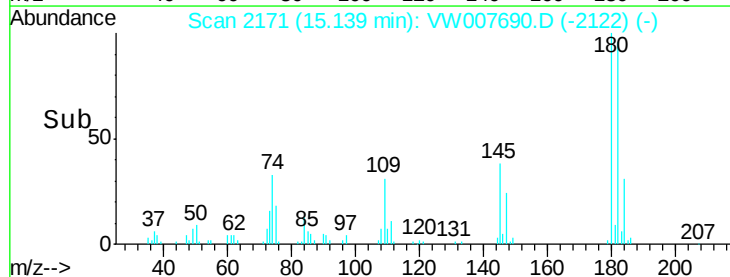
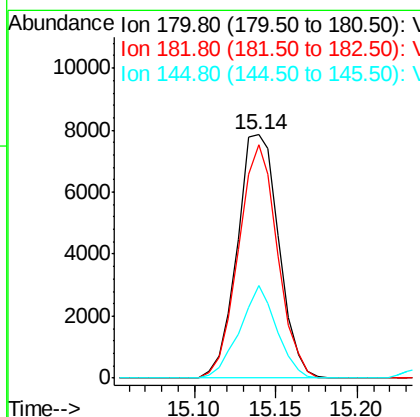
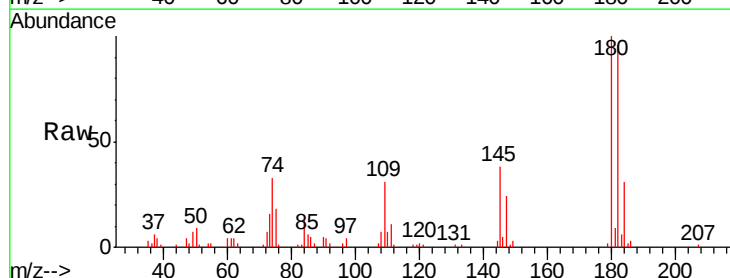
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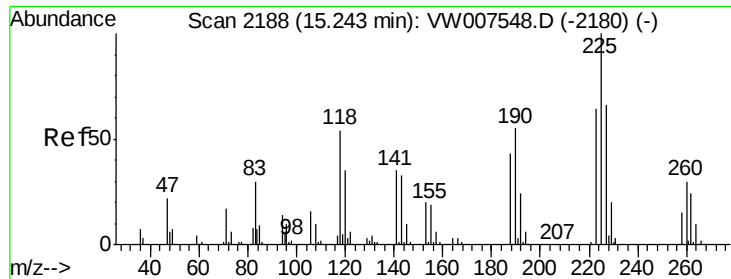
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#93  
 1,2,4-Trichlorobenzene  
 Concen: 27.823 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Tgt Ion: 180 Resp: 13939  
 Ion Ratio Lower Upper  
 180 100  
 182 89.9 49.9 149.6  
 145 33.7 17.8 53.4





#94

Hexachlorobutadiene

Concen: 15.785 ug/l

RT: 15.24 min Scan# 2188

Delta R.T. 0.00 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

Instrument :

MSVOA\_W

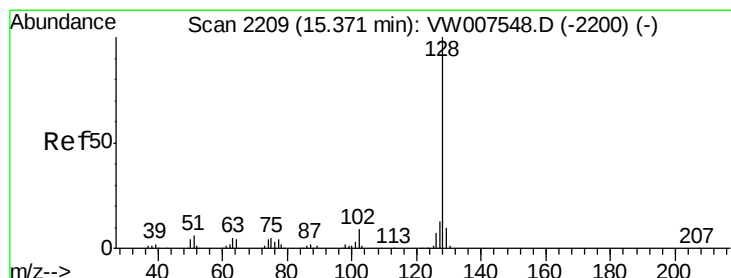
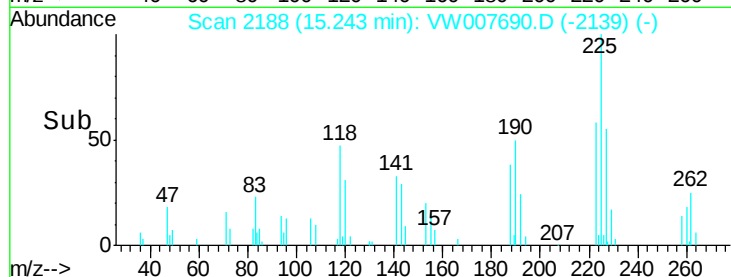
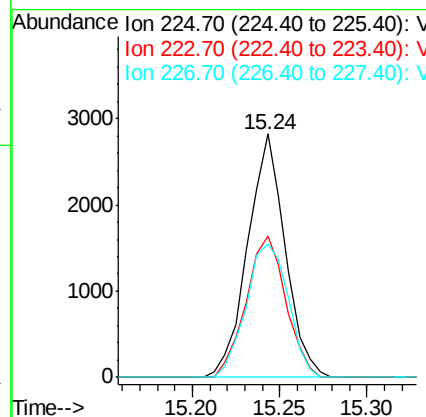
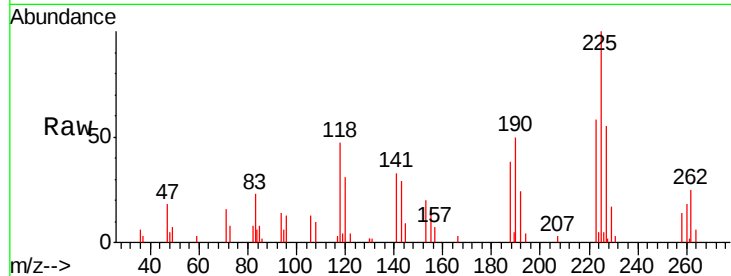
ClientSampleId :

P001-SS006-1824-01MS

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 4196 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 61.7  | 32.1  | 96.3 |
| 227       | 61.3  | 31.9  | 95.9 |

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#95

Naphthalene

Concen: 42.347 ug/l

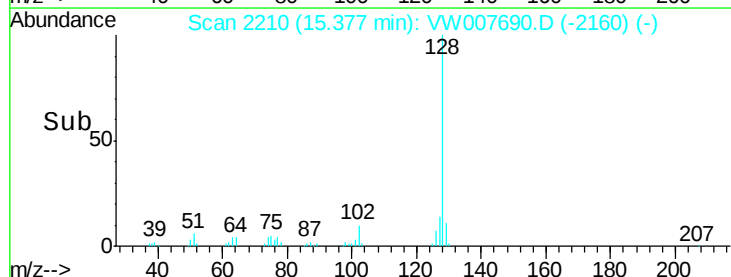
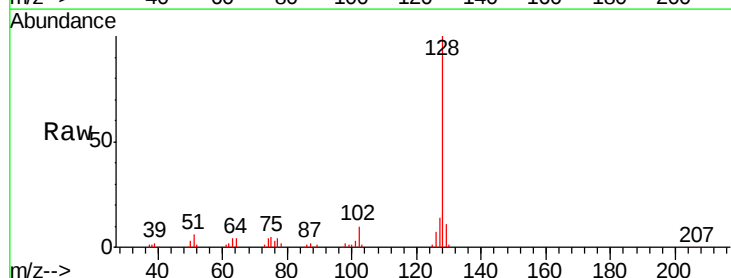
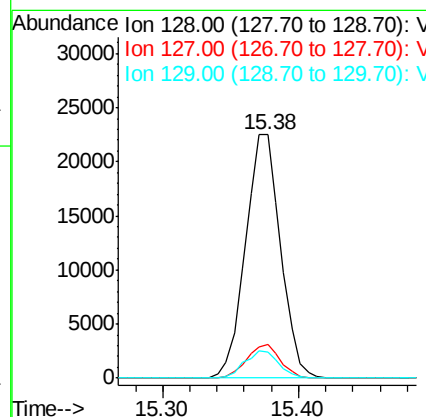
RT: 15.38 min Scan# 2210

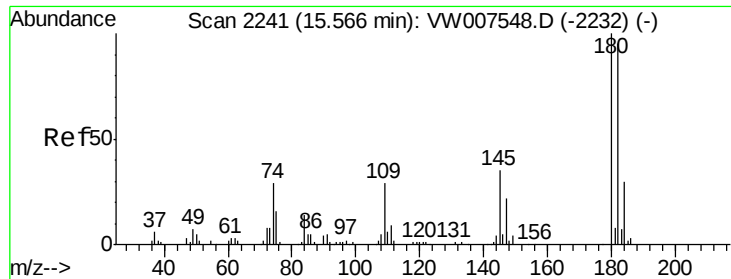
Delta R.T. 0.01 min

Lab File: VW007690.D

Acq: 19 Dec 2018 07:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 40586 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.3  | 10.2  | 15.4  |
| 129       | 10.7  | 8.3   | 12.5  |





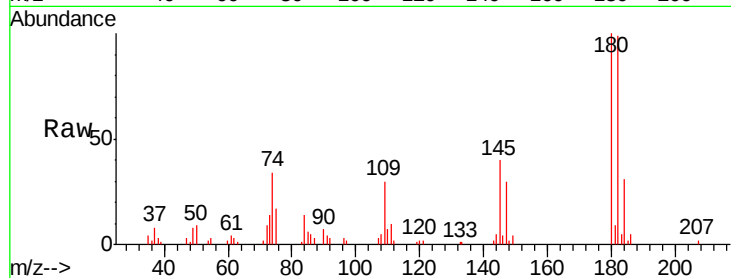
#96  
 1,2,3-Trichlorobenzene  
 Concen: 26.875 ug/l  
 RT: 15.56 min Scan# 2240  
 Delta R.T. 0.00 min  
 Lab File: VW007690.D  
 Acq: 19 Dec 2018 07:08

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS006-1824-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 11696 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.2  | 45.6  | 136.7 |
| 145       | 36.7  | 17.5  | 52.5  |

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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

