

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\  
 Data File : VW006782.D  
 Acq On : 09 Nov 2018 12:16  
 Operator : SY/AP  
 Sample : VSTDIC005  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

apatel  
 11/12/2018 3:40:26 PM

Quant Time: Nov 09 14:04:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W110918S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 09 13:58:37 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.96  | 168  | 309962   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 410662   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 413295   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 231895   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |      |        |      |
|---------------------------|--------|-----|----------|------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 12515    | 4.70 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.40%  |      |
| 35) Dibromofluoromethane  | 7.89   | 113 | 11926    | 4.63 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.26%  |      |
| 50) Toluene-d8            | 10.33  | 98  | 50651    | 5.16 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 10.32% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 18078    | 5.08 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 10.16% |      |

## Target Compounds

|                               |      |     |       |        |        | Qvalue |
|-------------------------------|------|-----|-------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 11175 | 6.955  | ug/l   | 94     |
| 3) Chloromethane              | 2.22 | 50  | 14811 | 7.450  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.36 | 62  | 15608 | 5.622  | ug/l   | 96     |
| 5) Bromomethane               | 2.78 | 94  | 11790 | 5.061  | ug/l   | 98     |
| 6) Chloroethane               | 2.92 | 64  | 11173 | 5.760  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 20176 | 8.230  | ug/l   | 93     |
| 8) Diethyl Ether              | 3.70 | 74  | 5989  | 4.469  | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.07 | 101 | 14508 | 5.542  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.28 | 142 | 16830 | 3.546  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 5.21 | 59  | 3678m | 25.621 | ug/l   |        |
| 12) 1,1-Dichloroethene        | 4.05 | 96  | 10587 | 4.187  | ug/l   | 96     |
| 13) Acrolein                  | 3.91 | 56  | 3677  | 20.365 | ug/l   | 99     |
| 14) Allyl chloride            | 4.68 | 41  | 14591 | 4.421  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.39 | 53  | 10749 | 22.371 | ug/l   | 97     |
| 16) Acetone                   | 4.15 | 43  | 9726  | 22.610 | ug/l   | 94     |
| 17) Carbon Disulfide          | 4.39 | 76  | 34248 | 4.760  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.69 | 43  | 6940  | 5.611  | ug/l   | 96     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 25137 | 6.679  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.93 | 84  | 21676 | 6.472  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96  | 13314 | 4.654  | ug/l   | 96     |
| 22) Diisopropyl ether         | 6.32 | 45  | 28893 | 4.199  | ug/l   | 90     |
| 23) Vinyl Acetate             | 6.27 | 43  | 76425 | 20.031 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.23 | 63  | 20658 | 4.430  | ug/l   | 97     |
| 25) 2-Butanone                | 7.20 | 43  | 13303 | 21.672 | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 21615 | 7.695  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 7.18 | 96  | 14001 | 4.374  | ug/l   | 94     |
| 28) Bromochloromethane        | 7.52 | 49  | 7931  | 4.283  | ug/l   | 97     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 8388  | 21.726 | ug/l   | 97     |
| 30) Chloroform                | 7.68 | 83  | 24109 | 4.716  | ug/l   | 92     |
| 31) Cyclohexane               | 7.96 | 56  | 24118 | 5.683  | ug/l # | 79     |
| 32) 1,1,1-Trichloroethane     | 7.88 | 97  | 22931 | 5.301  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 18918 | 5.238  | ug/l   | 100    |
| 37) Ethyl Acetate             | 7.27 | 43  | 6656  | 5.318  | ug/l # | 96     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 21142 | 5.603  | ug/l   | 95     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\  
 Data File : VW006782.D  
 Acq On : 09 Nov 2018 12:16  
 Operator : SY/AP  
 Sample : VSTDIC005  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

apatel  
 11/12/2018 3:40:26 PM

Quant Time: Nov 09 14:04:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W110918S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 09 13:58:37 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 22503    | 4.910   | ug/l   | 98       |
| 40) Benzene                    | 8.33  | 78   | 53140    | 5.181   | ug/l   | 96       |
| 41) Methacrylonitrile          | 7.49  | 41   | 3492     | 4.550   | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 8.41  | 62   | 15152    | 5.151   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 11800    | 4.725   | ug/l   | 98       |
| 44) Trichloroethene            | 9.10  | 130  | 16534    | 5.223   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 12824    | 5.372   | ug/l   | 92       |
| 46) Dibromomethane             | 9.46  | 93   | 6973     | 4.969   | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.65  | 83   | 17520    | 5.377   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.45  | 41   | 5139     | 4.271   | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 2071     | 100.845 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 29896    | 23.309  | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 36191    | 5.260   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 14601    | 4.656   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 18415    | 4.970   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 10670    | 5.359   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 9596     | 4.240   | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 16315    | 5.046   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 25321    | 23.018  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 18832    | 21.618  | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.13 | 129  | 11557    | 4.899   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 9548     | 4.829   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 15908    | 4.829   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.66 | 112  | 44005    | 5.060   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 12999    | 4.252   | ug/l   | 96       |
| 67) Ethyl Benzene              | 11.74 | 91   | 70553    | 4.853   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.85 | 106  | 56688    | 9.761   | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 25648    | 4.639   | ug/l   | 99       |
| 70) Styrene                    | 12.18 | 104  | 39504    | 4.382   | ug/l   | 98       |
| 71) Bromoform                  | 12.35 | 173  | 6958     | 4.294   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.47 | 105  | 68632    | 4.493   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.28 | 43   | 10377    | 3.931   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 10520    | 4.360   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 8069m    | 4.460   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 18907    | 4.780   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.81 | 91   | 82593    | 4.701   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 48815    | 4.841   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 60487    | 4.713   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 2729     | 4.380   | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 51188    | 4.798   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 51437    | 4.494   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 61703    | 4.687   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 74846    | 4.669   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 66090    | 4.531   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 39629    | 5.088   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 40353    | 5.226   | ug/l   | 96       |
| 89) n-Butylbenzene             | 13.83 | 91   | 62920    | 4.860   | ug/l   | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 10296    | 4.295   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 34272    | 4.891   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 1771     | 4.524   | ug/l   | 88       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110918\  
Data File : VW006782.D  
Acq On : 09 Nov 2018 12:16  
Operator : SY/AP  
Sample : VSTDICC005  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC005

Manual Integrations  
APPROVED

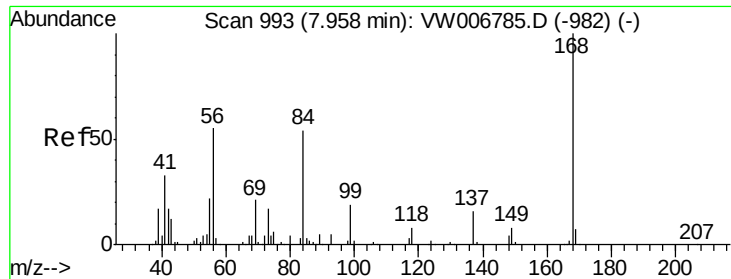
apatel  
11/12/2018 3:40:26 PM

Quant Time: Nov 09 14:04:47 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W110918S.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 09 13:58:37 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 24748    | 4.750 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 16912    | 5.208 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 32083    | 3.832 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 21239    | 4.639 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 309962

Ion Ratio Lower Upper

168 100

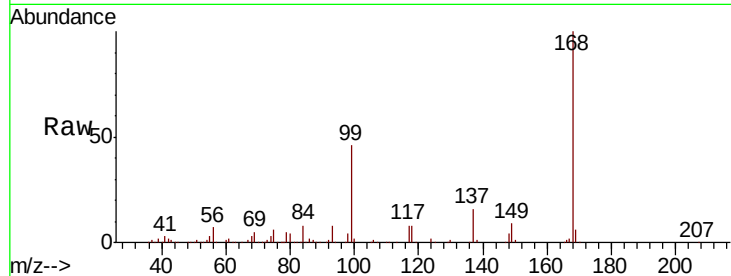
99 46.3 36.8 55.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

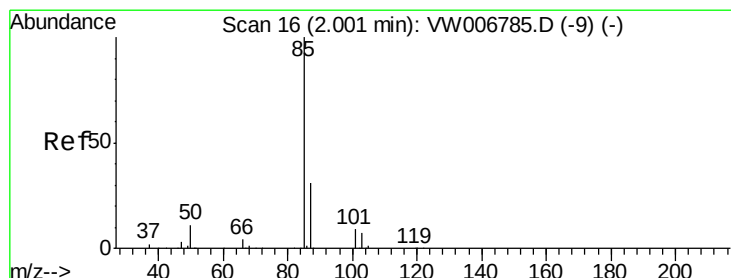
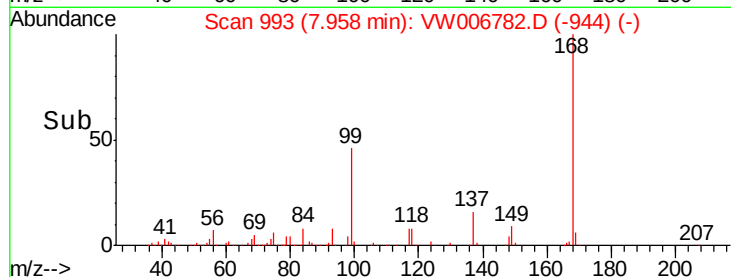
100000

50000

0

7.90 7.96 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 6.955 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006782.D

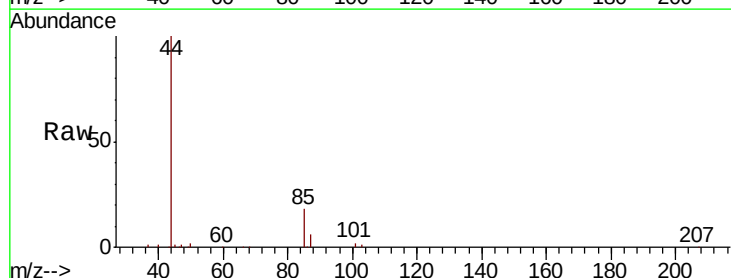
Acq: 09 Nov 2018 12:16

Tgt Ion: 85 Resp: 11175

Ion Ratio Lower Upper

85 100

87 34.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

8000

6000

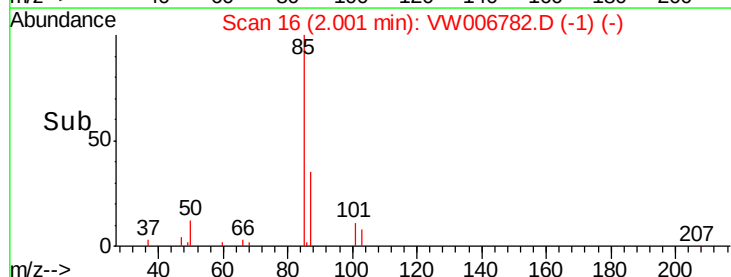
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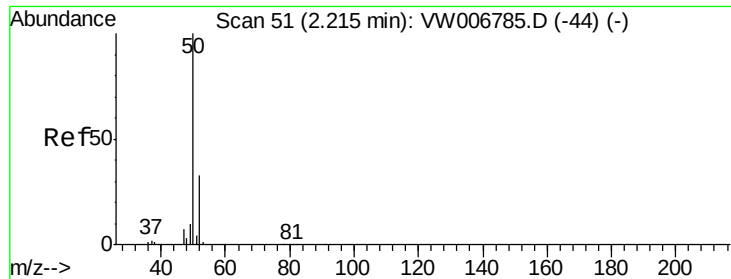
2000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 7.450 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 14811

Ion Ratio Lower Upper

50 100

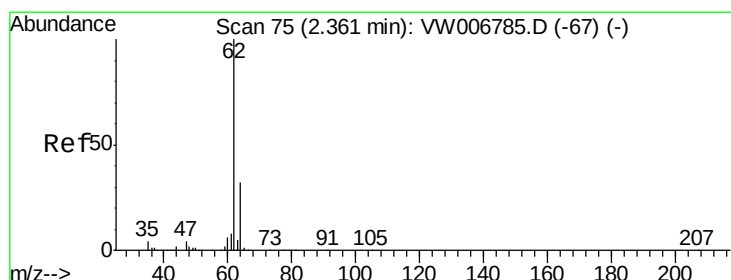
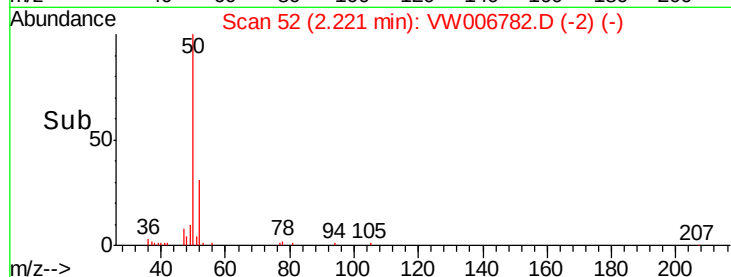
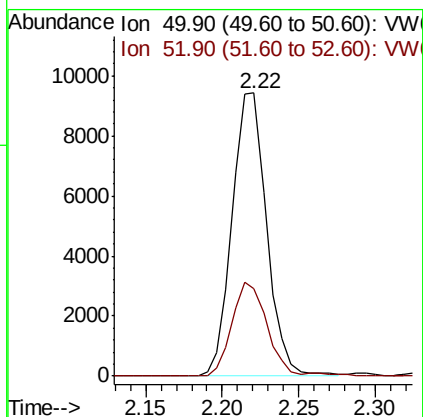
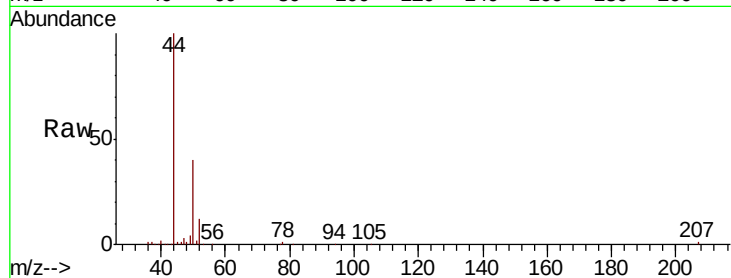
52 30.9 26.2 39.4

Manual Integrations

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11/12/2018 3:40:26 PM



#4

Vinyl Chloride

Concen: 5.622 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006782.D

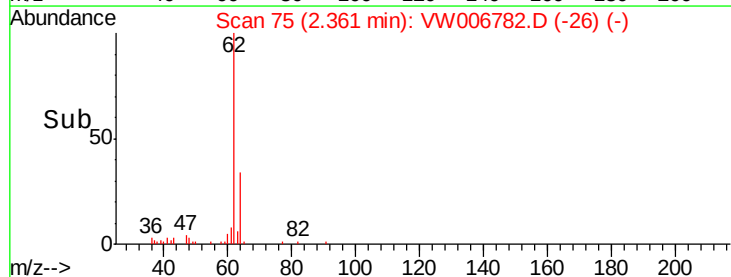
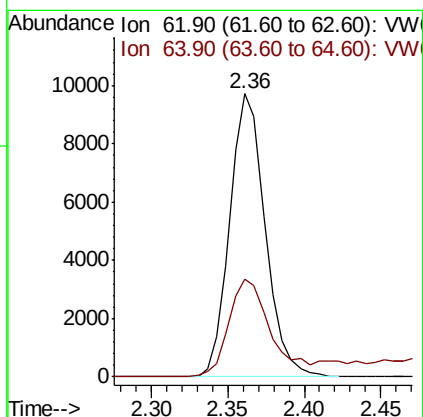
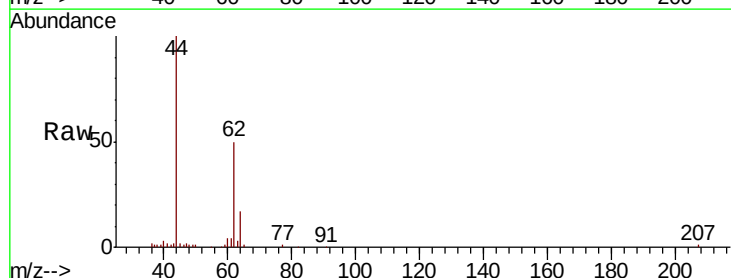
Acq: 09 Nov 2018 12:16

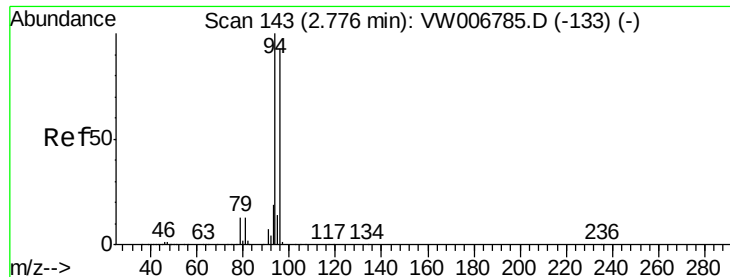
Tgt Ion: 62 Resp: 15608

Ion Ratio Lower Upper

62 100

64 34.4 25.8 38.6





#5

Bromomethane

Concen: 5.061 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 11790

Ion Ratio Lower Upper

94 100

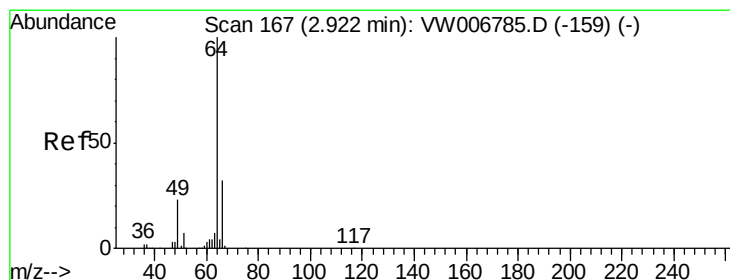
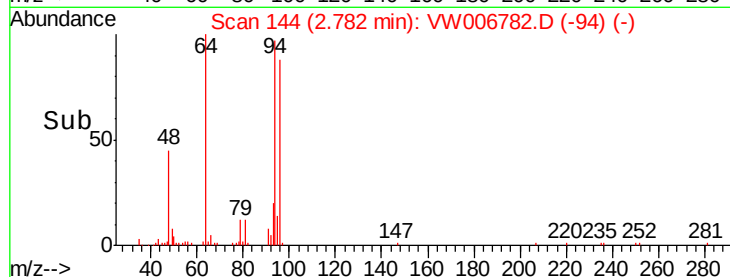
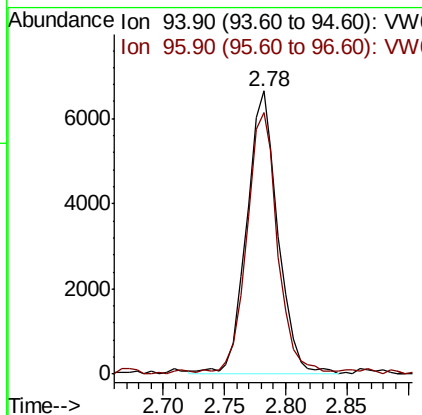
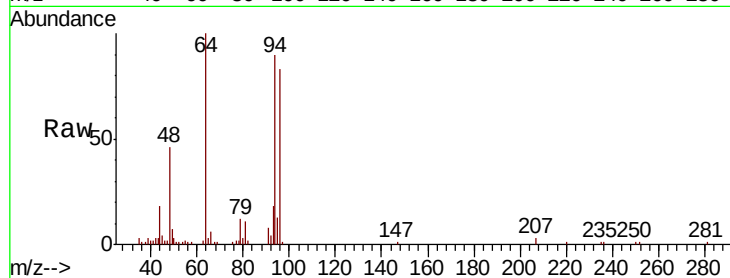
96 91.4 74.5 111.7

Manual Integrations

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11/12/2018 3:40:26 PM



#6

Chloroethane

Concen: 5.760 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006782.D

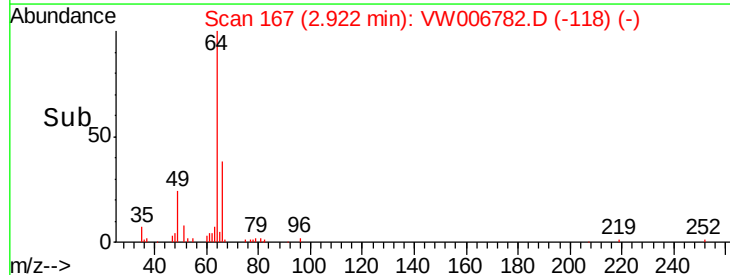
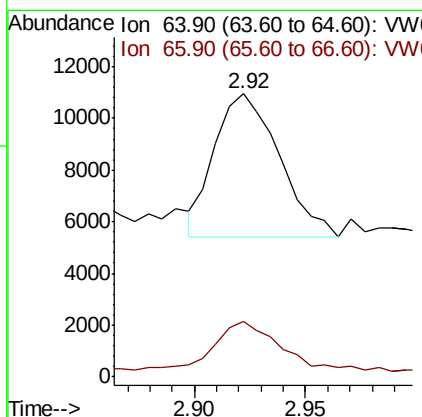
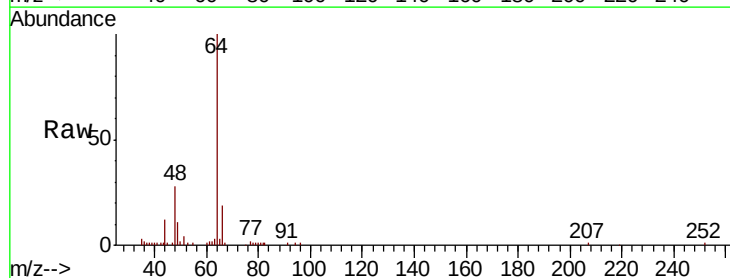
Acq: 09 Nov 2018 12:16

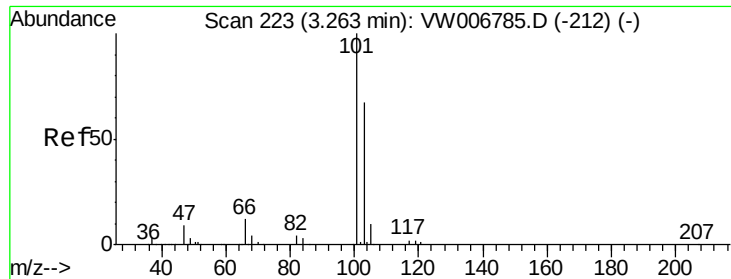
Tgt Ion: 64 Resp: 11173

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.2





#7

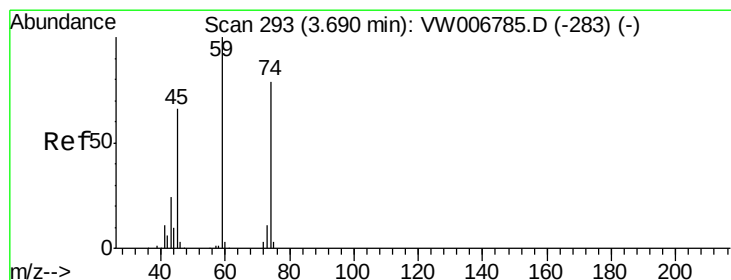
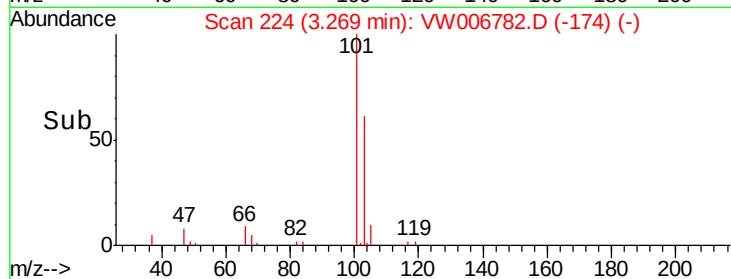
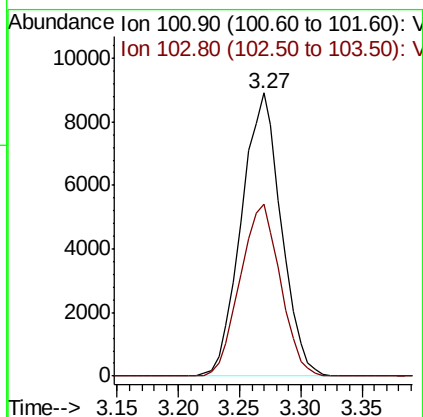
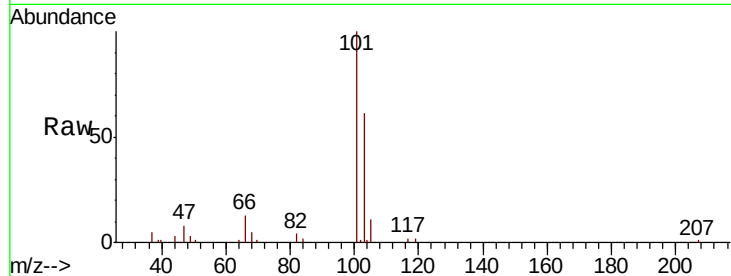
Trichlorofluoromethane  
Concen: 8.230 ug/l  
RT: 3.27 min Scan# 224  
Delta R.T. 0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 60.8  | 53.4  | 80.0  |

Manual Integrations  
APPROVED

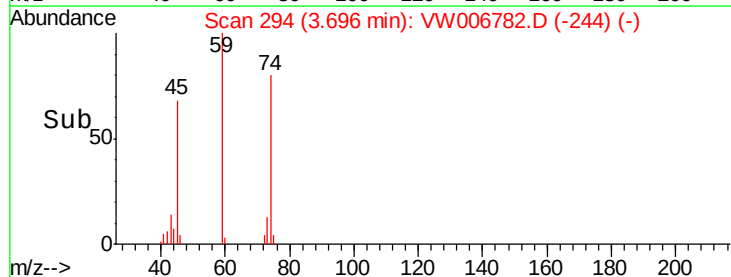
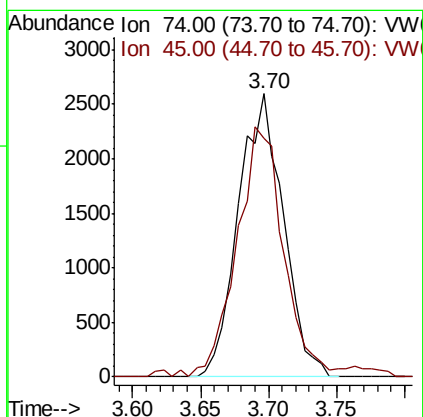
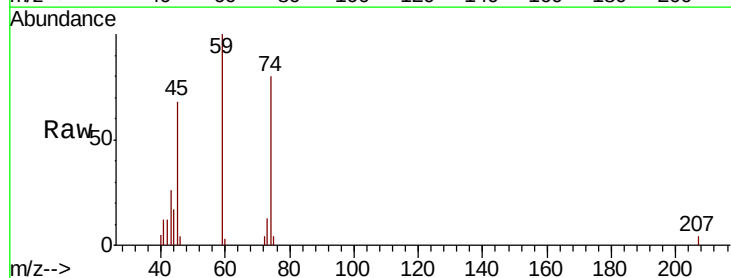
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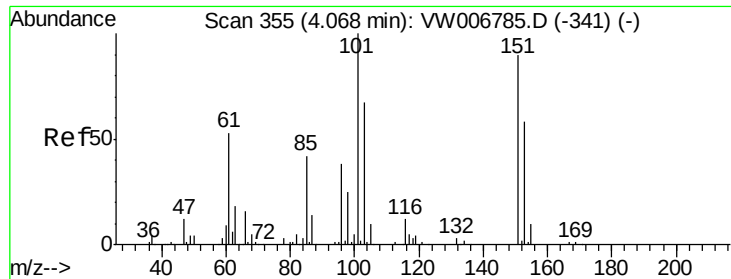
#8

Diethyl Ether  
Concen: 4.469 ug/l  
RT: 3.70 min Scan# 294  
Delta R.T. 0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 92.6  | 44.0  | 132.1 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.542 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA\_W

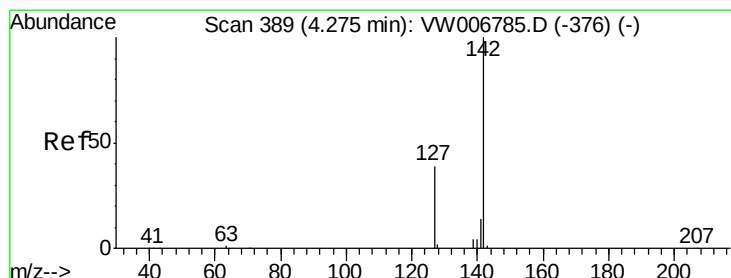
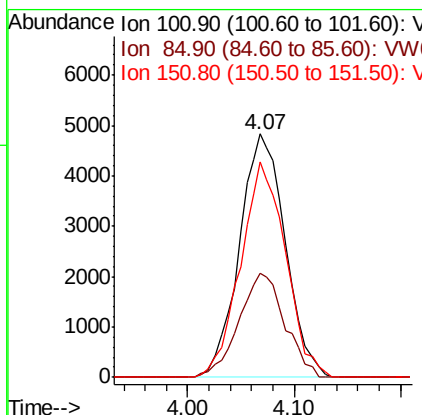
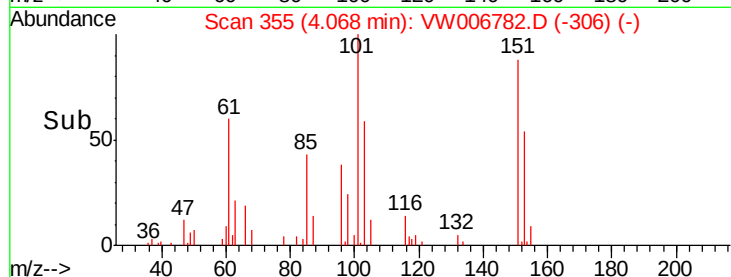
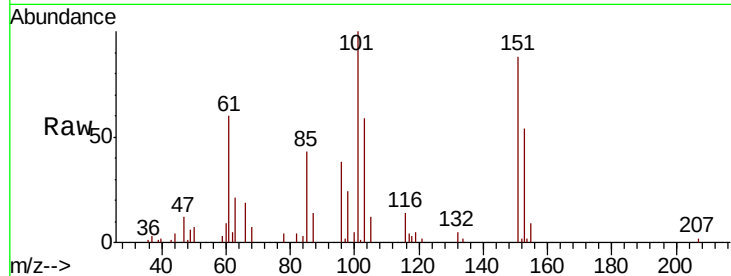
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 101   | Resp: | 14508 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 43.0  | 34.0  | 51.0  |
| 151      | 87.3  | 70.7  | 106.1 |

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#10

Methyl Iodide

Concen: 3.546 ug/l

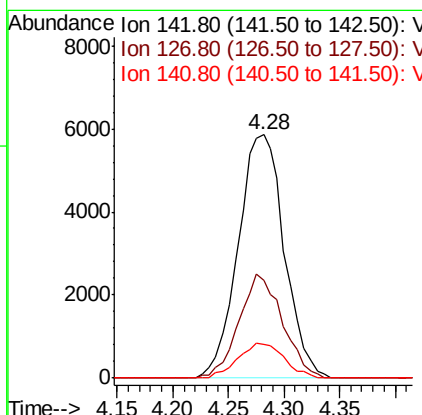
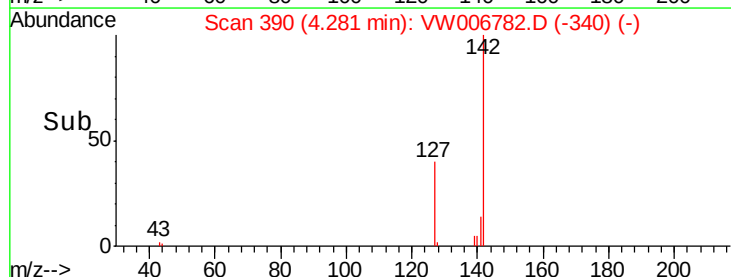
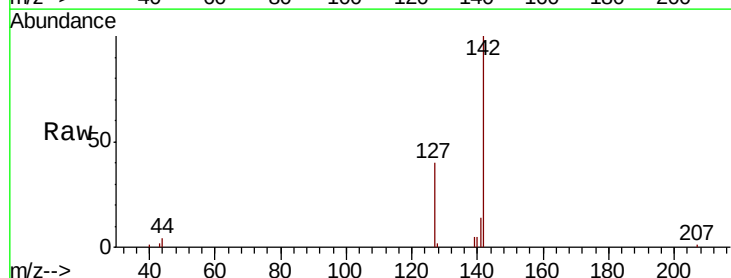
RT: 4.28 min Scan# 390

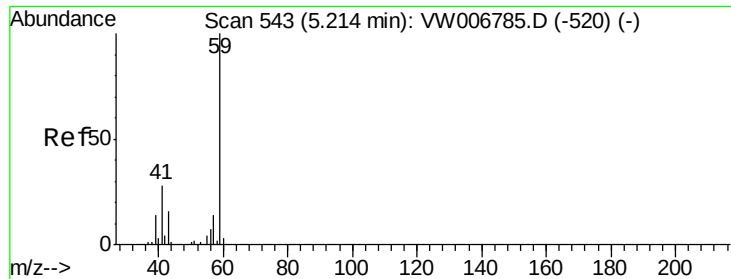
Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 16830 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 40.3  | 32.3  | 48.5  |
| 141      | 14.3  | 11.4  | 17.0  |





#11

Tert butyl alcohol

Concen: 25.621 ug/l m

RT: 5.21 min Scan# 542

Delta R.T. -0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC005

Tot Ion: 59 Resp: 3678

Ion Ratio Lower Upper

59 100

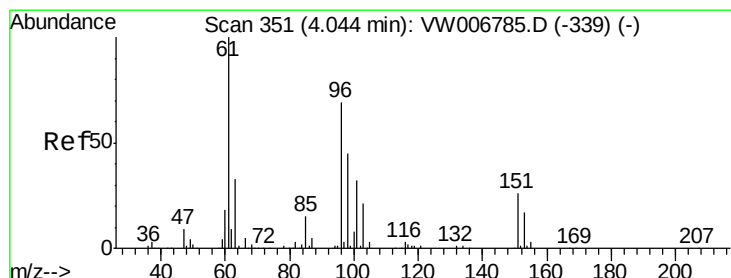
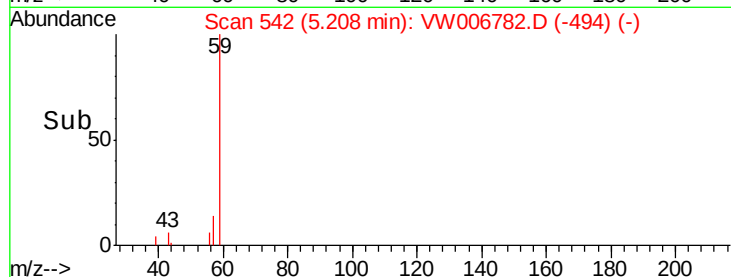
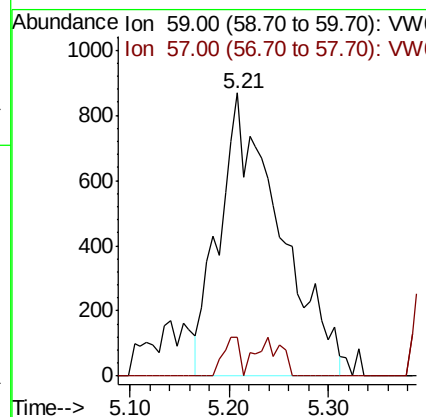
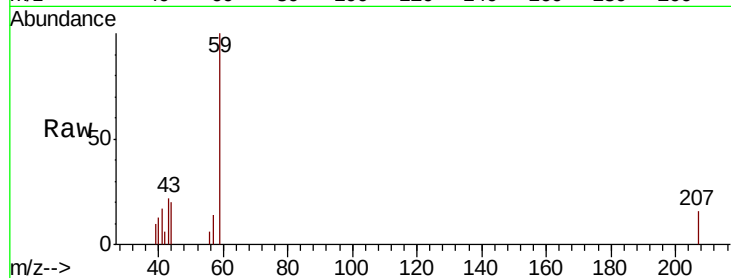
57 0.0 8.7 13.1#

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#12

1,1-Dichloroethene

Concen: 4.187 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

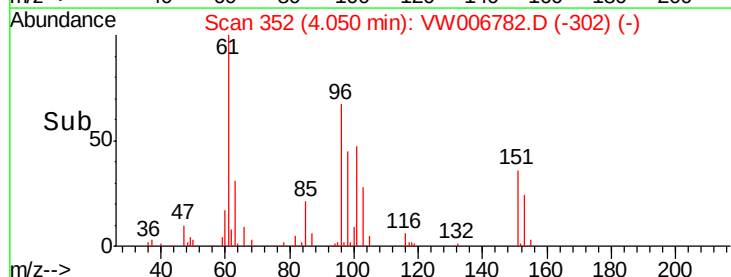
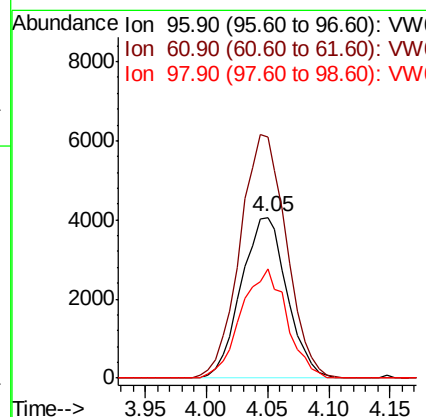
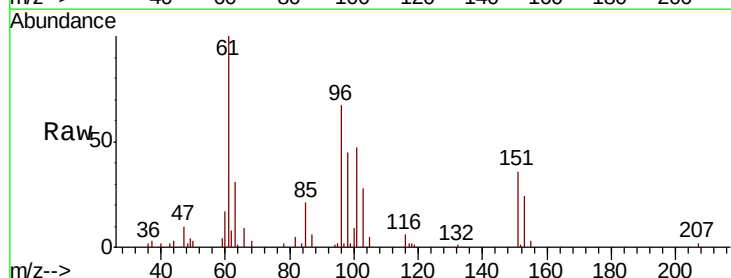
Tgt Ion: 96 Resp: 10587

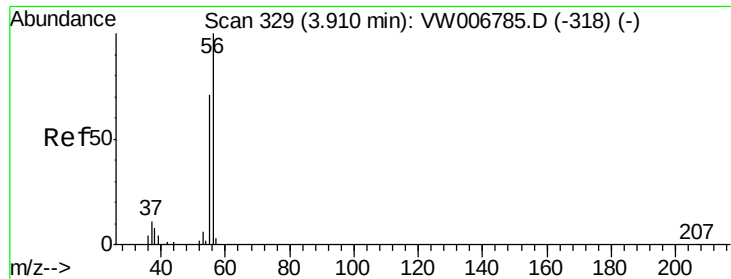
Ion Ratio Lower Upper

96 100

61 150.1 116.0 174.0

98 68.0 52.0 78.0





#13

Acrolein

Concen: 20.365 ug/l

RT: 3.91 min Scan# 329

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 3677

Ion Ratio Lower Upper

56 100

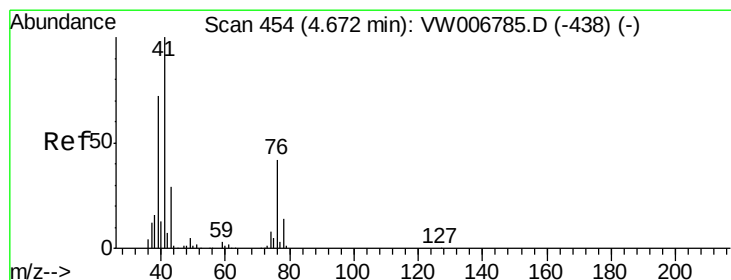
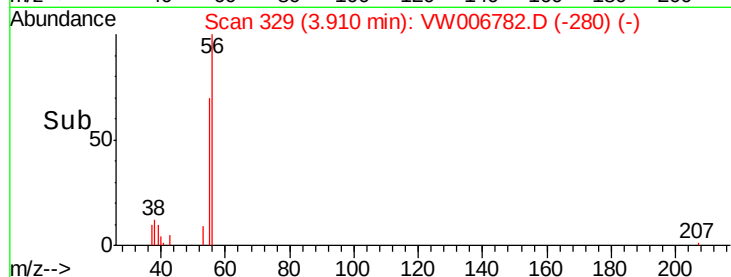
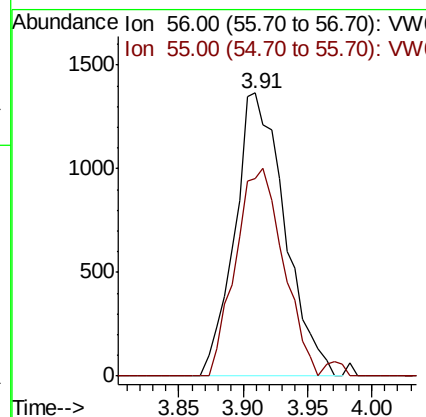
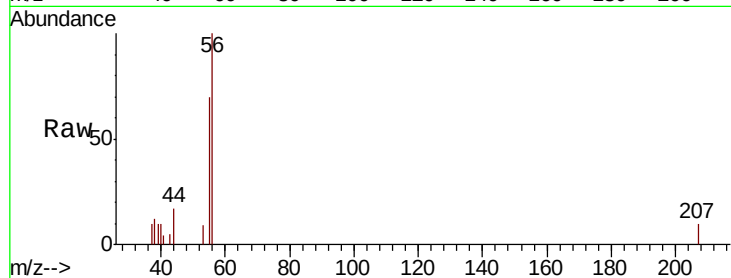
55 70.2 56.9 85.3

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#14

Allyl chloride

Concen: 4.421 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

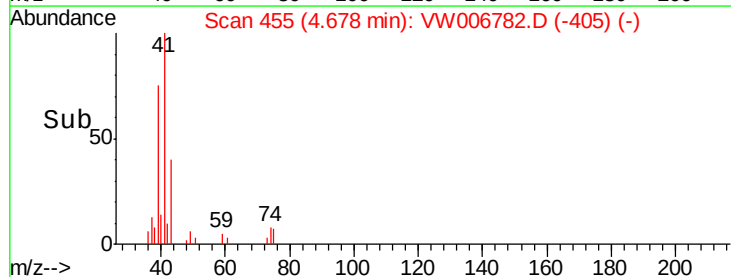
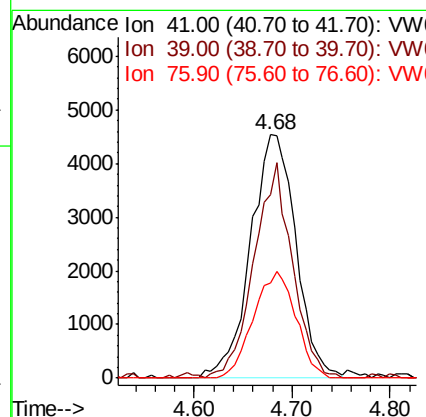
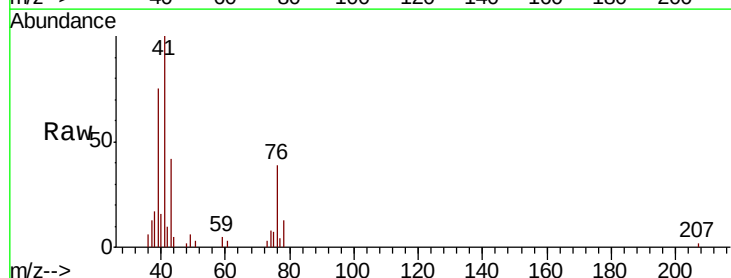
Tgt Ion: 41 Resp: 14591

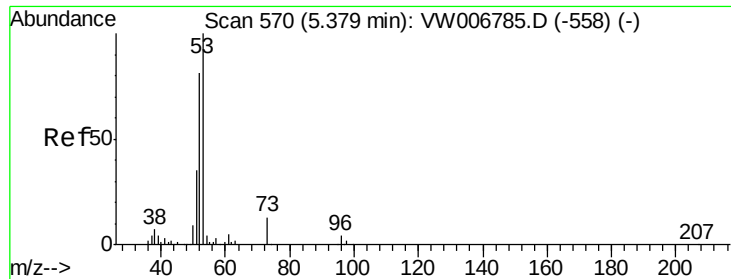
Ion Ratio Lower Upper

41 100

39 75.0 60.0 90.0

76 41.1 34.2 51.4





#15

Acrylonitrile

Concen: 22.371 ug/l

RT: 5.39 min Scan# 572

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA\_W

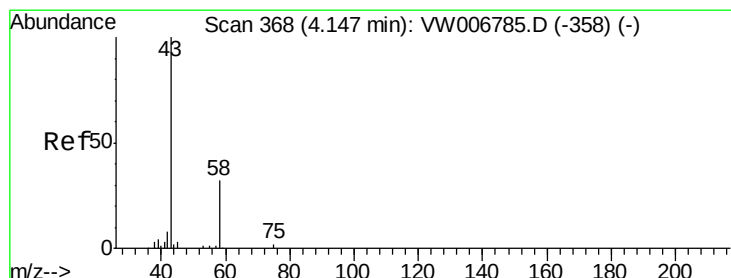
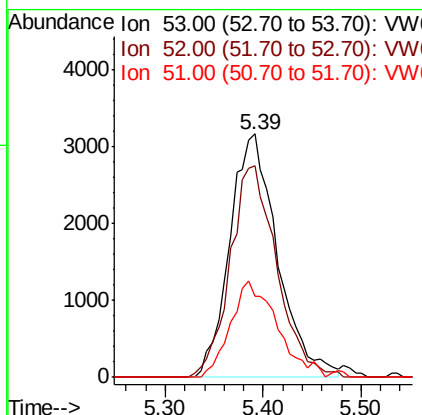
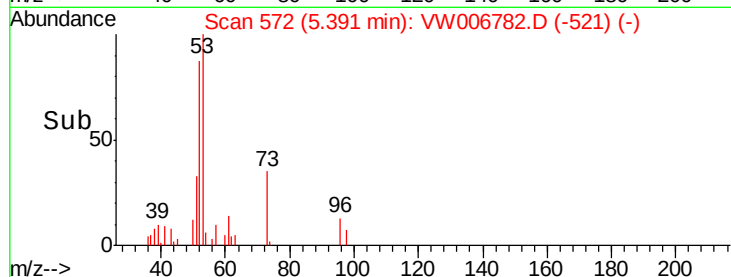
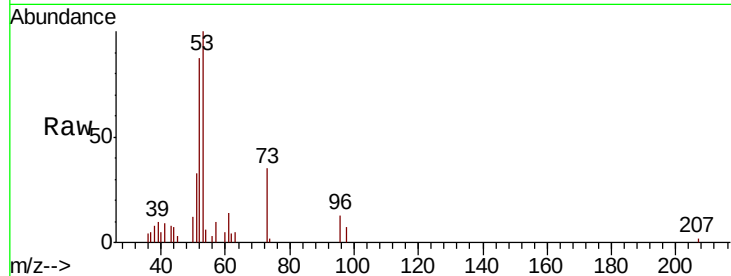
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 10749 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 85.2  | 65.2  | 97.8  |
| 51       | 38.6  | 30.2  | 45.4  |

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#16

Acetone

Concen: 22.610 ug/l

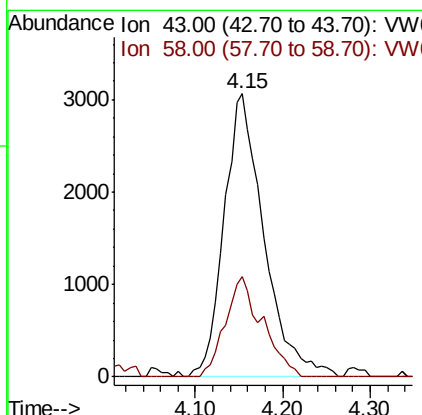
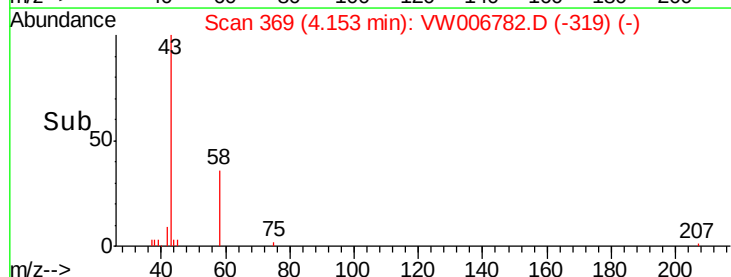
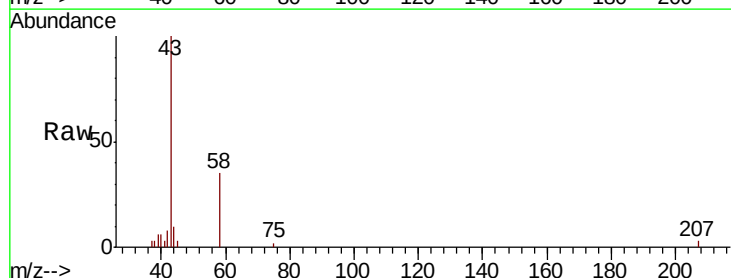
RT: 4.15 min Scan# 369

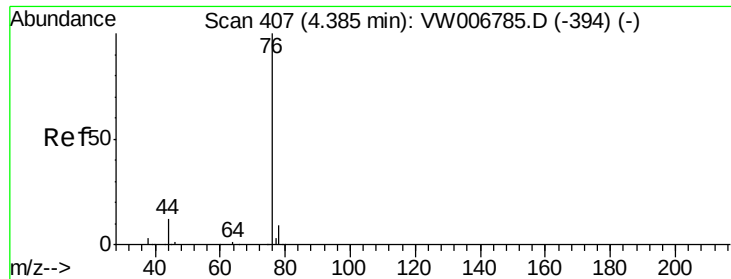
Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 9726  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 35.3  | 25.4  | 38.0  |





#17

Carbon Disulfide

Concen: 4.760 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 34248

Ion Ratio Lower Upper

76 100

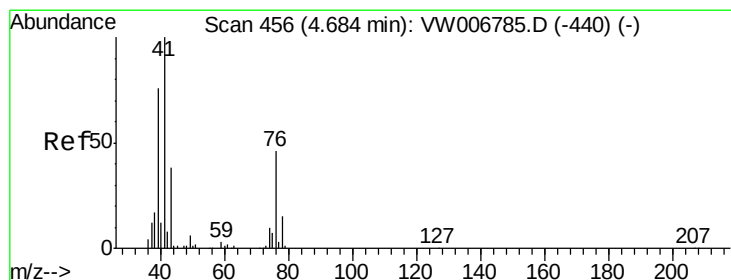
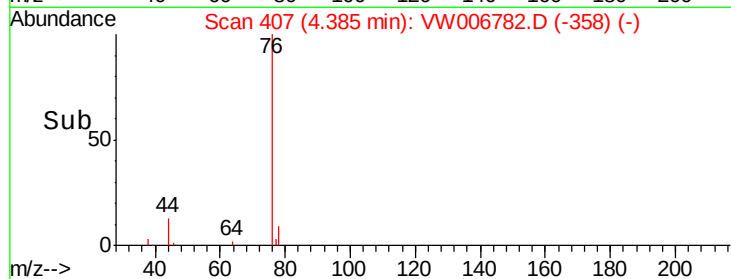
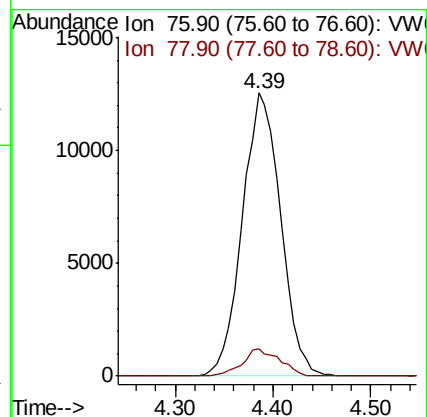
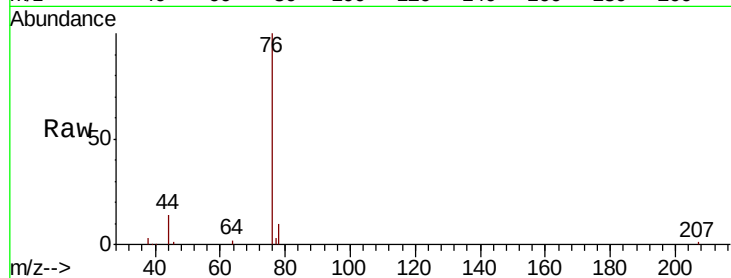
78 9.7 7.4 11.0

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#18

Methyl Acetate

Concen: 5.611 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW006782.D

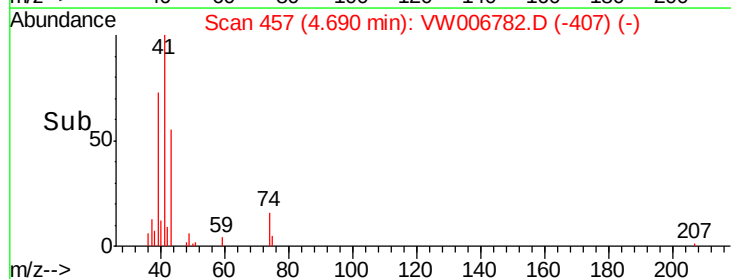
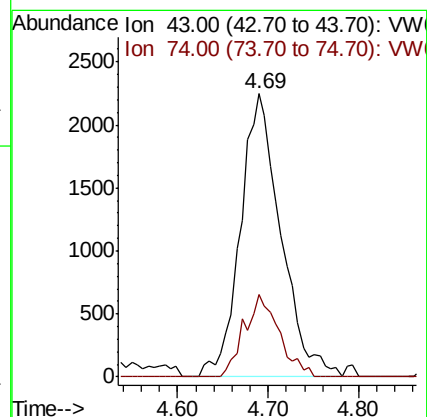
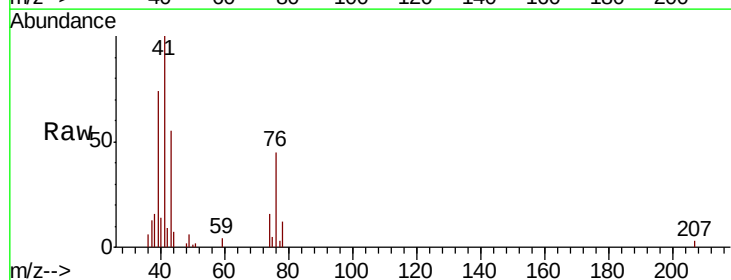
Acq: 09 Nov 2018 12:16

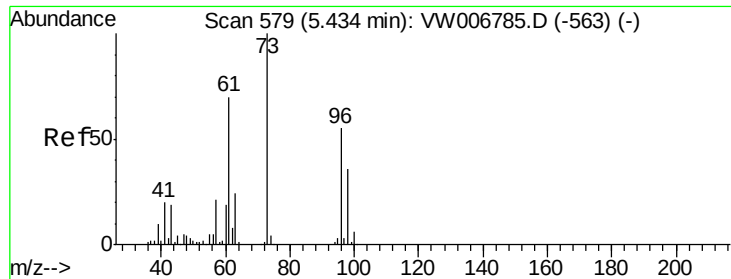
Tgt Ion: 43 Resp: 6940

Ion Ratio Lower Upper

43 100

74 25.2 21.8 32.8





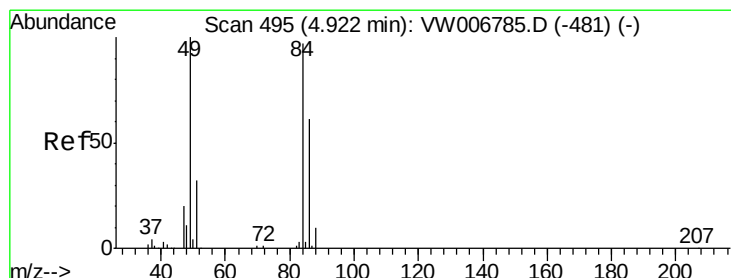
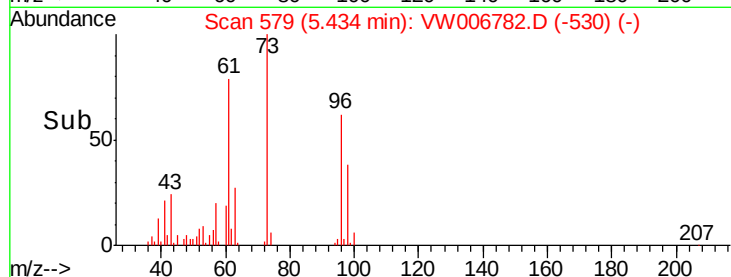
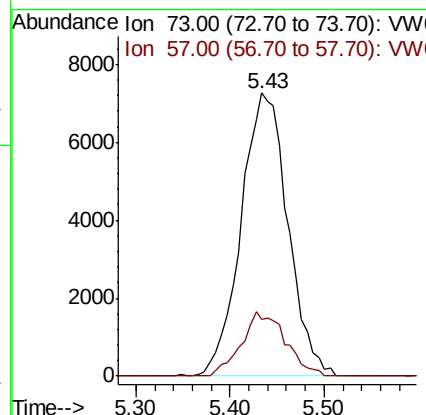
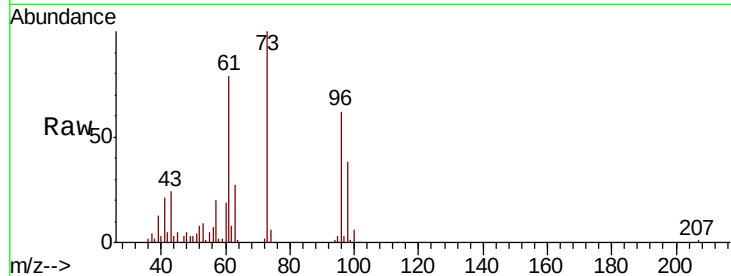
#19  
Methyl tert-butyl Ether  
Concen: 6.679 ug/l  
RT: 5.43 min Scan# 579  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

Tot Ion: 73 Resp: 25137  
Ion Ratio Lower Upper  
73 100  
57 20.1 17.0 25.6

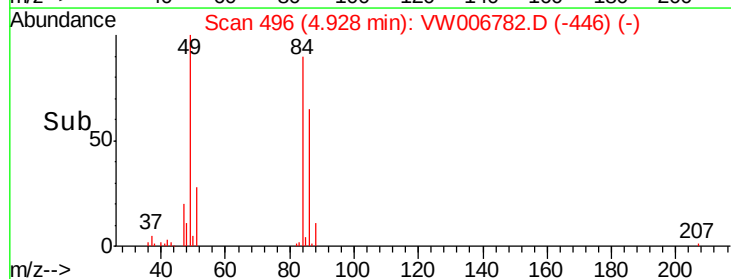
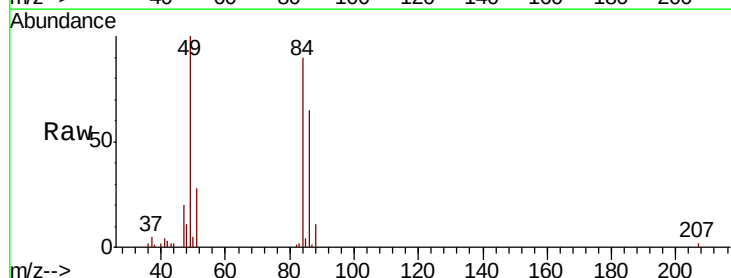
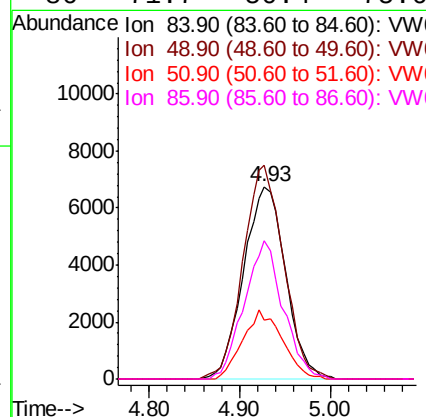
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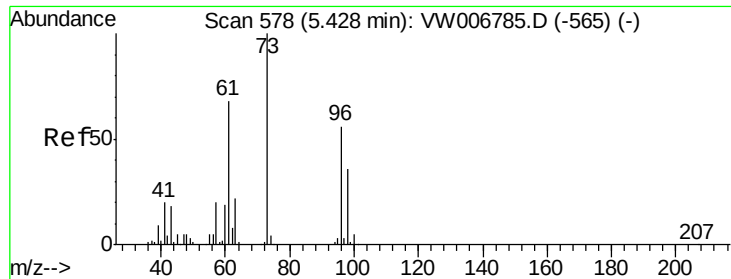
apatel  
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#20  
Methylene Chloride  
Concen: 6.472 ug/l  
RT: 4.93 min Scan# 496  
Delta R.T. 0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Tgt Ion: 84 Resp: 21676  
Ion Ratio Lower Upper  
84 100  
49 110.9 82.4 123.6  
51 30.5 26.7 40.1  
86 71.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 4.654 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA\_W

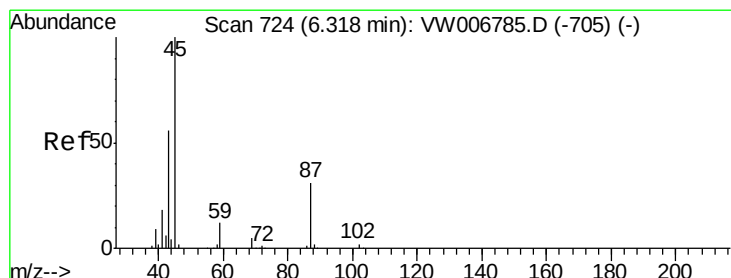
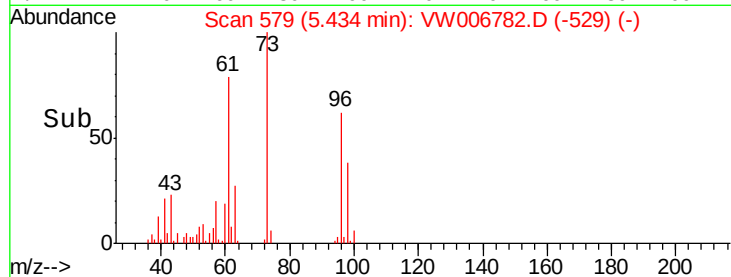
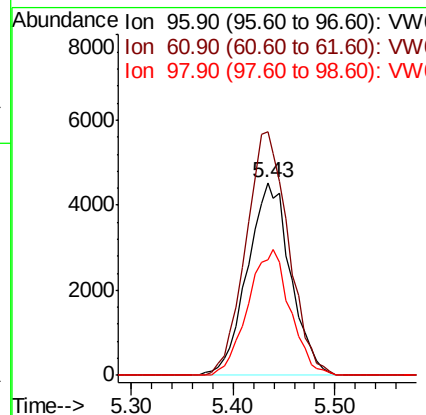
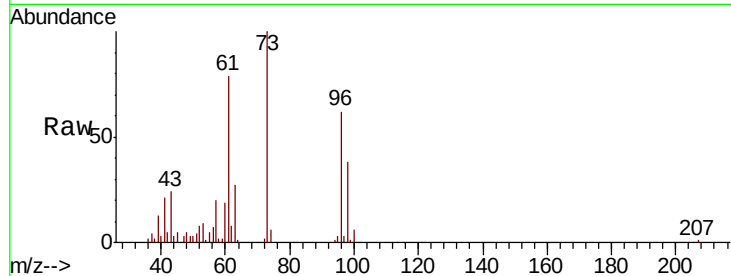
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 13314 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 126.1 | 97.6  | 146.4 |
| 98       | 60.1  | 51.6  | 77.4  |

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#22

Diisopropyl ether

Concen: 4.199 ug/l

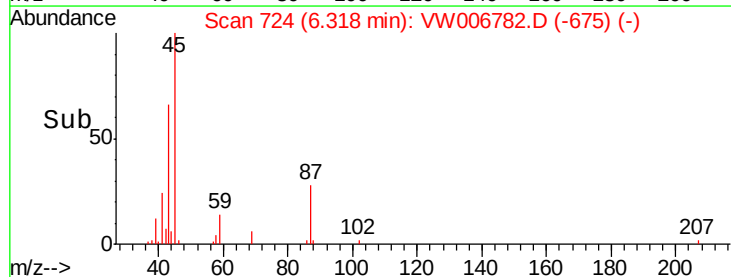
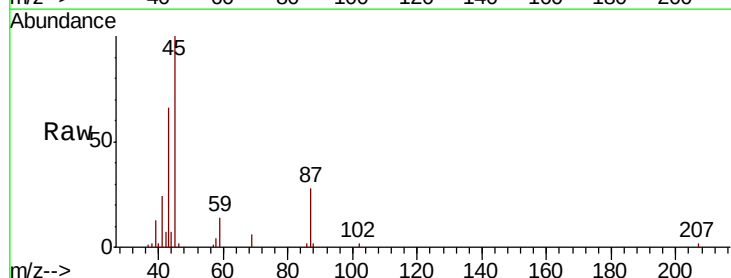
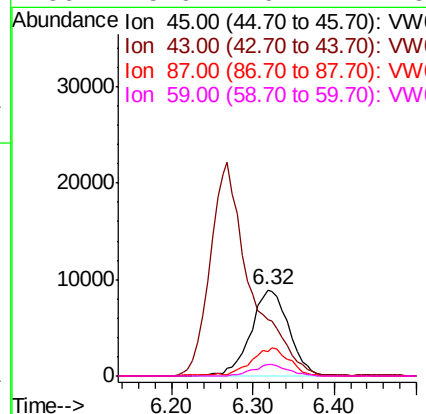
RT: 6.32 min Scan# 724

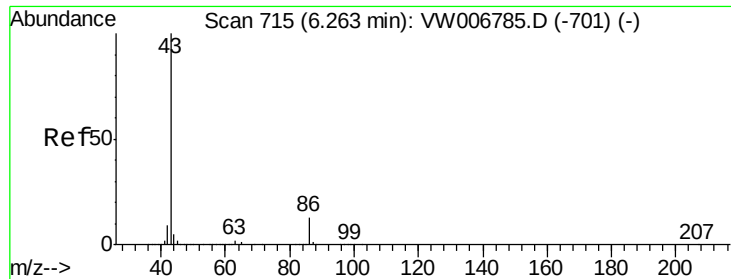
Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 28893 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 65.1  | 44.6  | 66.8  |
| 87       | 28.3  | 25.5  | 38.3  |
| 59       | 13.9  | 9.7   | 14.5  |





#23

Vinyl Acetate

Concen: 20.031 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 76425

Ion Ratio Lower Upper

43 100

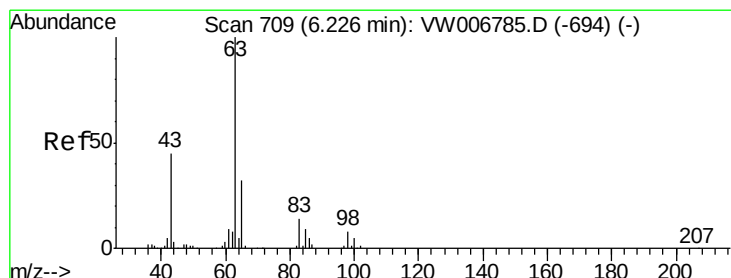
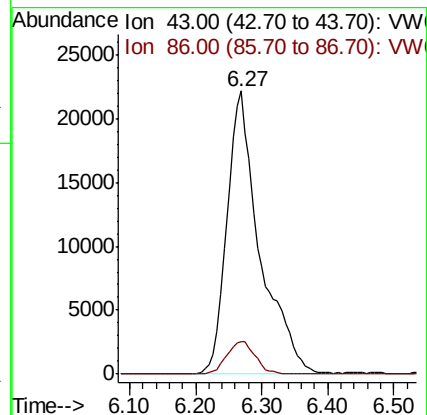
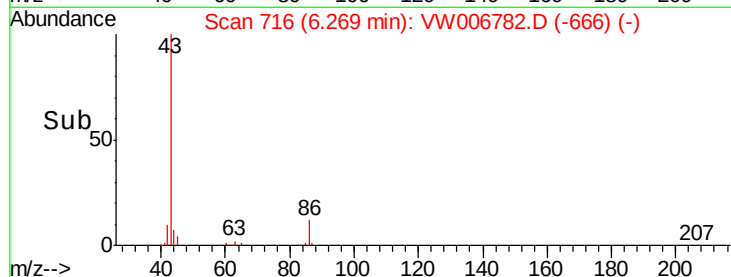
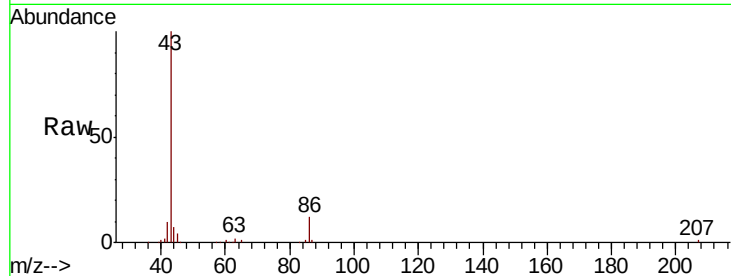
86 11.7 10.0 15.0

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#24

1,1-Dichloroethane

Concen: 4.430 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

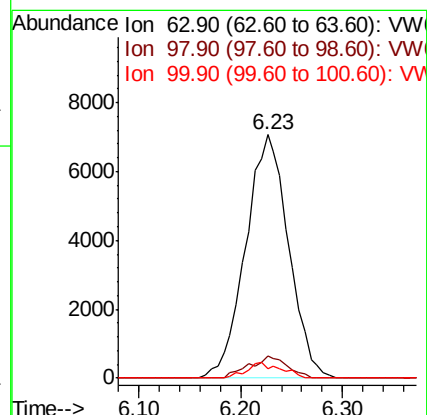
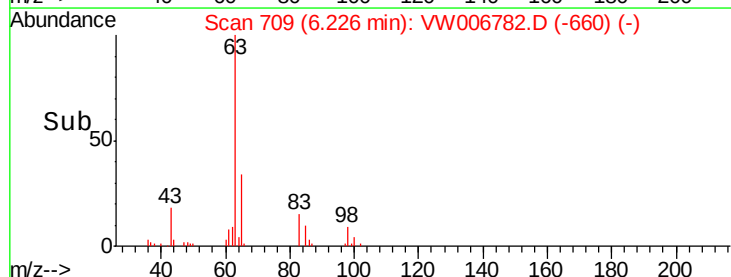
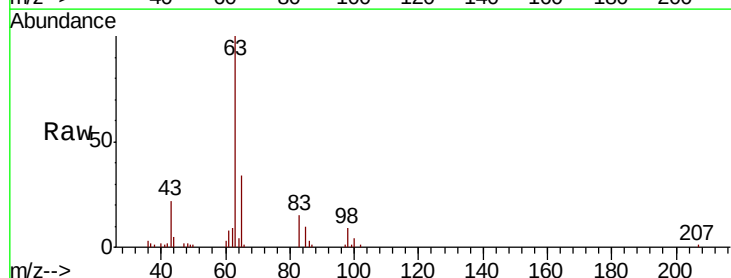
Tgt Ion: 63 Resp: 20658

Ion Ratio Lower Upper

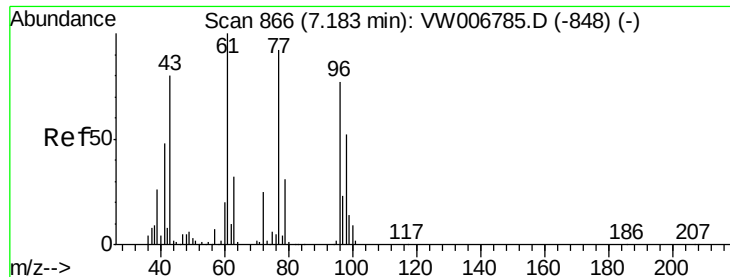
63 100

98 9.1 4.0 12.2

100 3.8 2.3 6.9







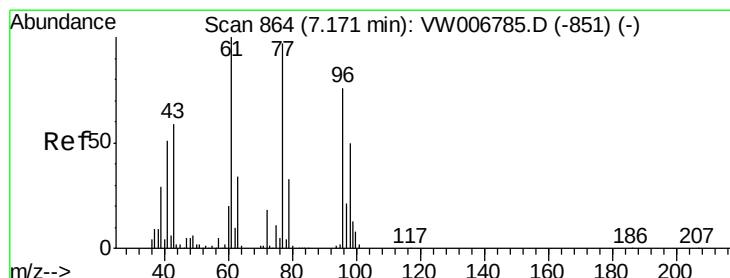
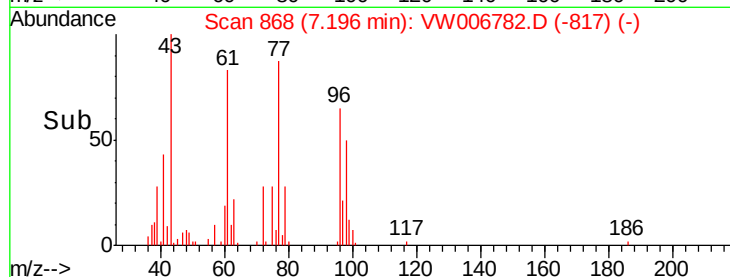
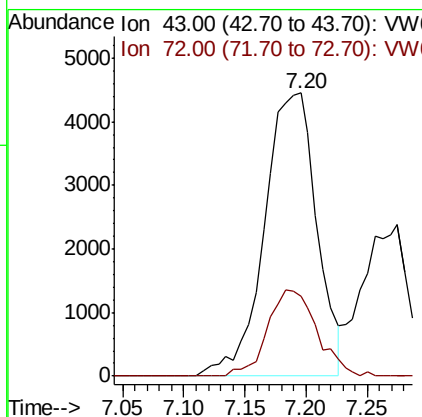
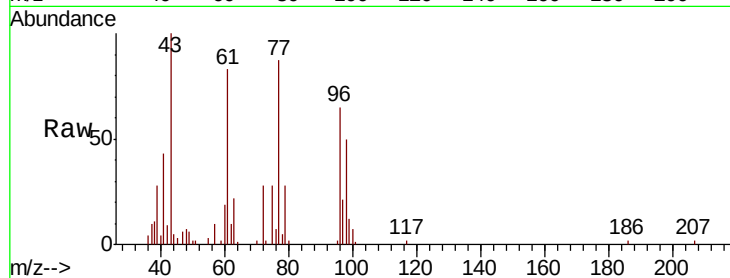
#25  
2-Butanone  
Concen: 21.672 ug/l  
RT: 7.20 min Scan# 868  
Delta R.T. 0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

Tot Ion: 43 Resp: 13303  
Ion Ratio Lower Upper  
43 100  
72 28.0 24.5 36.7

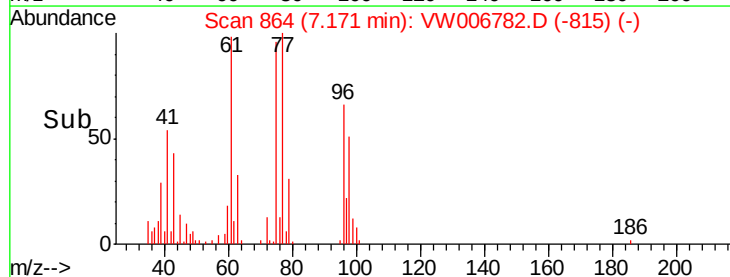
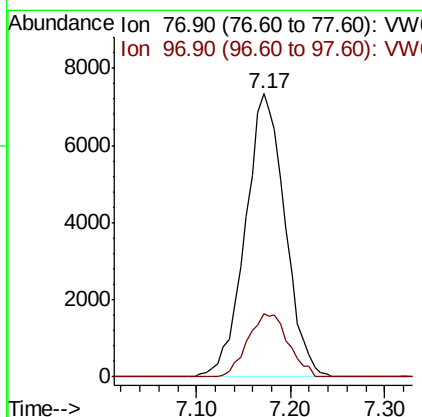
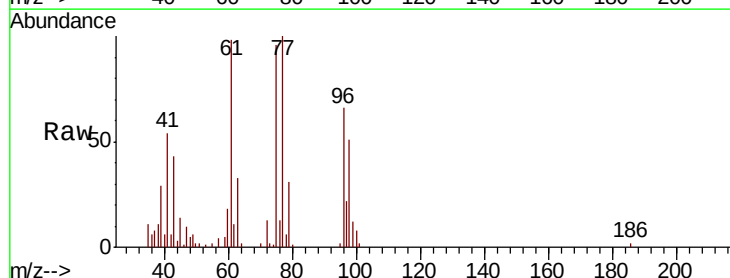
Manual Integrations  
APPROVED

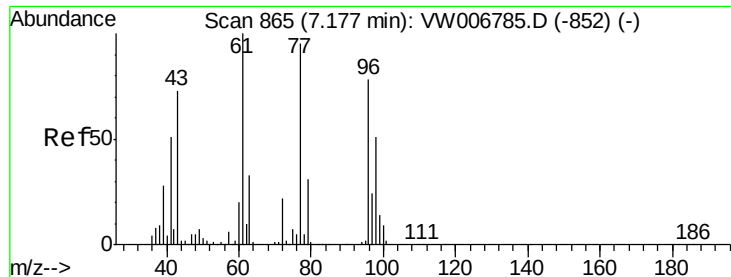
apatel  
11/12/2018 3:40:26 PM



#26  
2,2-Dichloropropane  
Concen: 7.695 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Tgt Ion: 77 Resp: 21615  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.9 35.5





#27

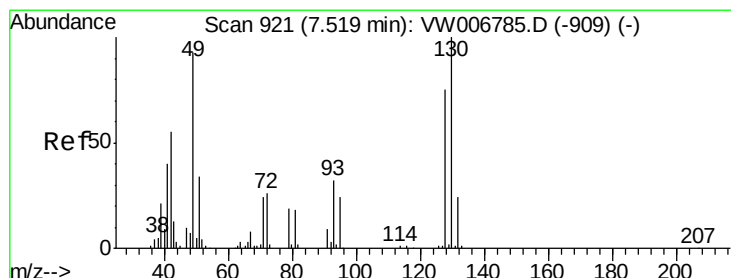
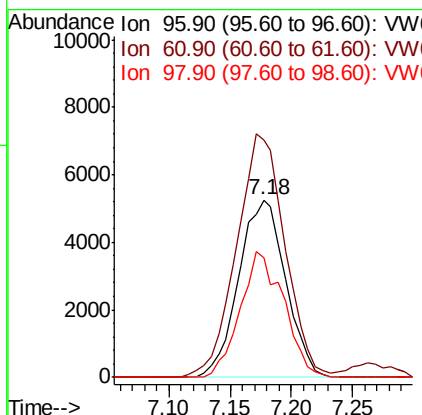
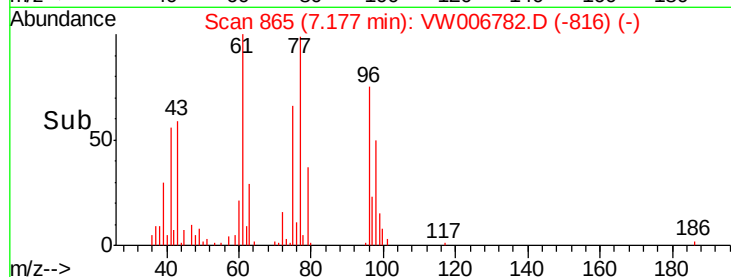
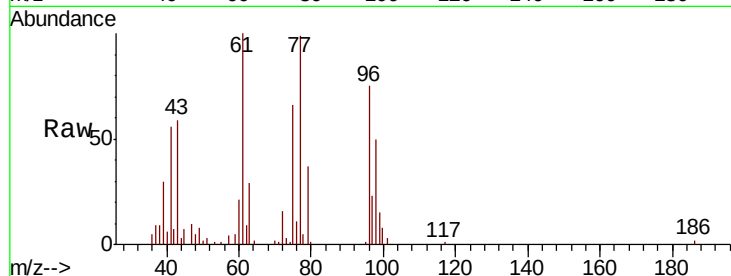
cis-1,2-Dichloroethene  
Concen: 4.374 ug/l  
RT: 7.18 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 141.4 | 0.0   | 264.4 |
| 98      | 65.7  | 0.0   | 130.0 |

Manual Integrations  
APPROVED

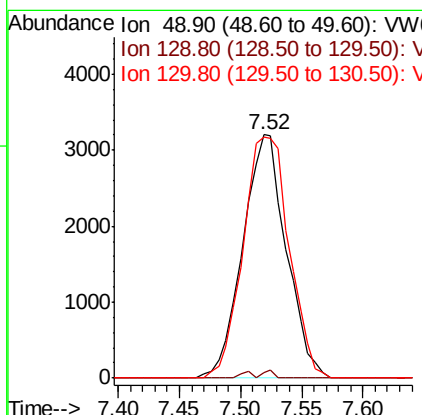
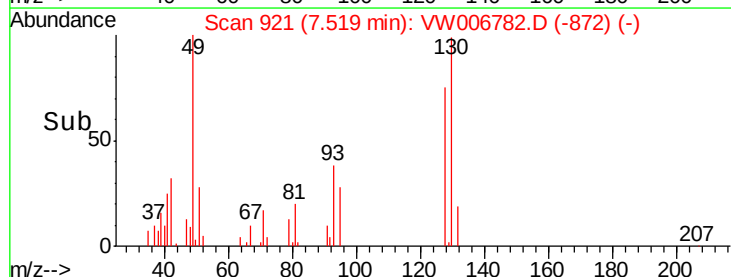
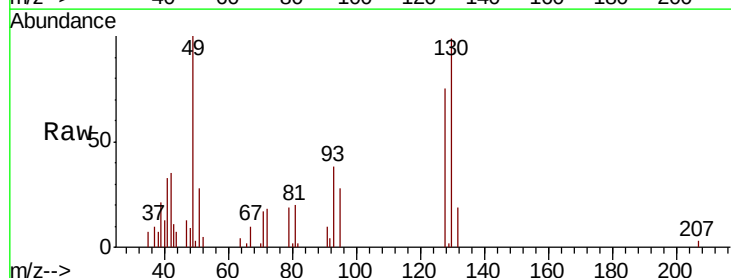
apatel  
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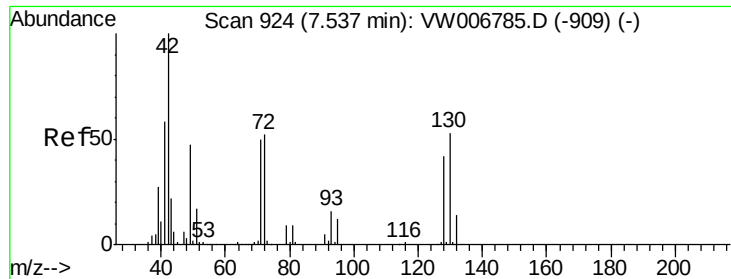


#28

Bromochloromethane  
Concen: 4.283 ug/l  
RT: 7.52 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.8   | 0.0   | 5.6   |
| 130     | 104.6 | 81.5  | 122.3 |





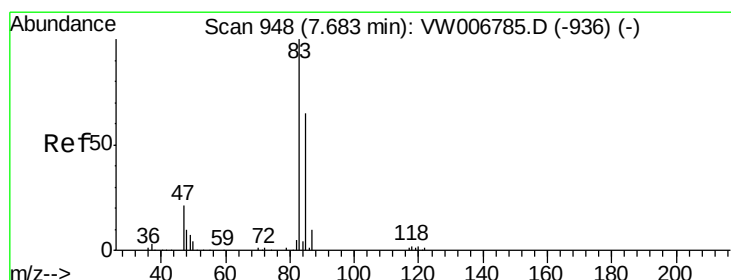
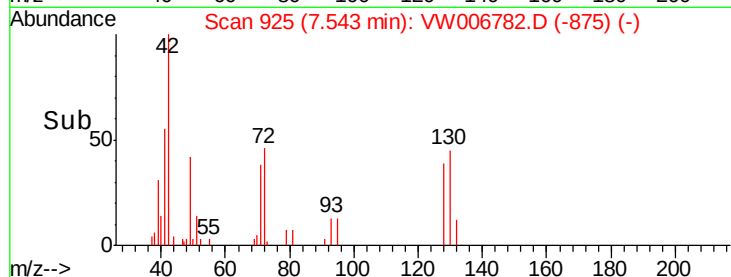
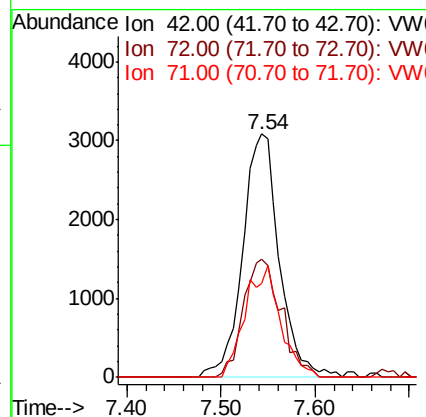
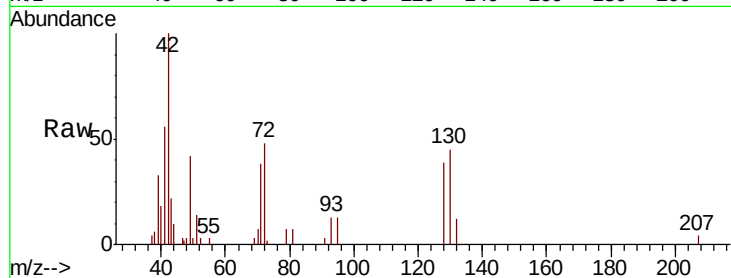
#29  
Tetrahydrofuran  
Concen: 21.726 ug/l  
RT: 7.54 min Scan# 925  
Delta R.T. 0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 50.1  | 39.8  | 59.8  |
| 71      | 43.9  | 37.8  | 56.6  |

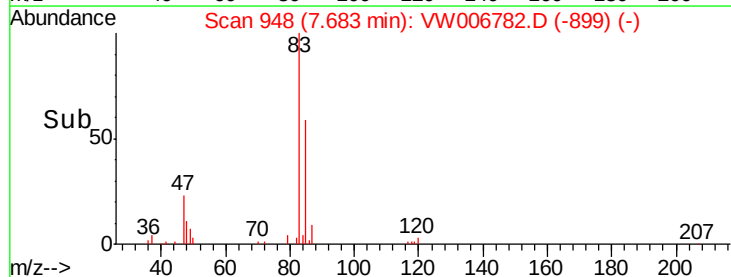
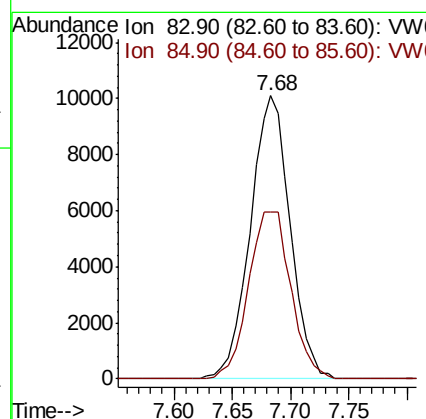
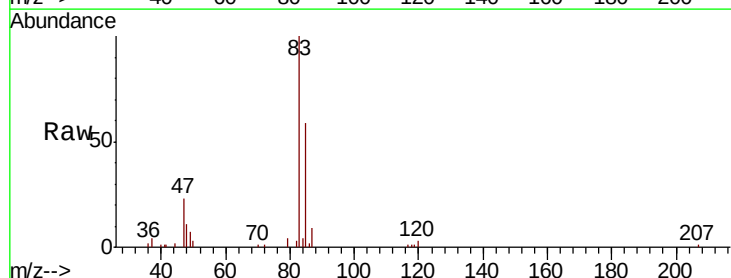
Manual Integrations  
APPROVED

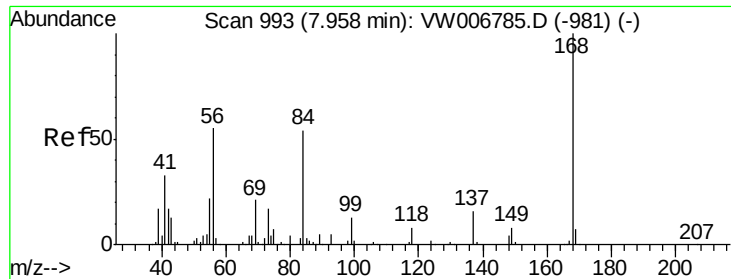
apatel  
11/12/2018 3:40:26 PM



#30  
Chloroform  
Concen: 4.716 ug/l  
RT: 7.68 min Scan# 948  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 59.0  | 52.1  | 78.1  |





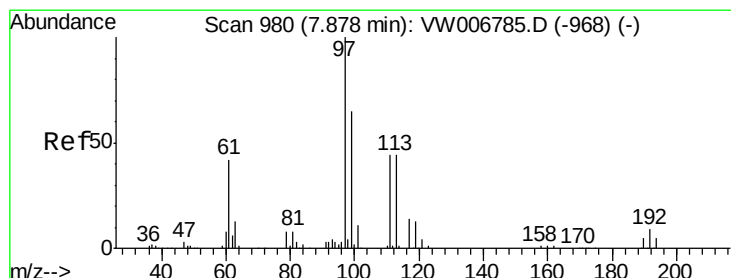
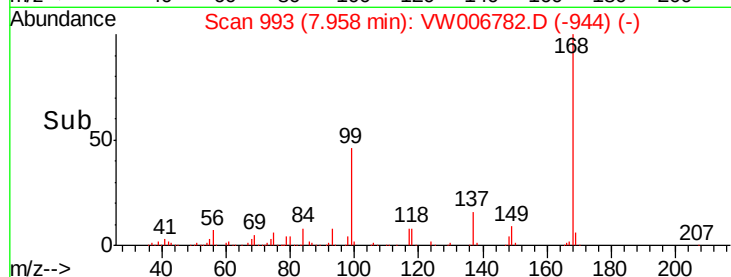
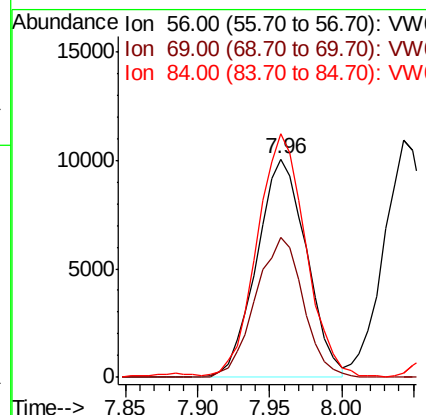
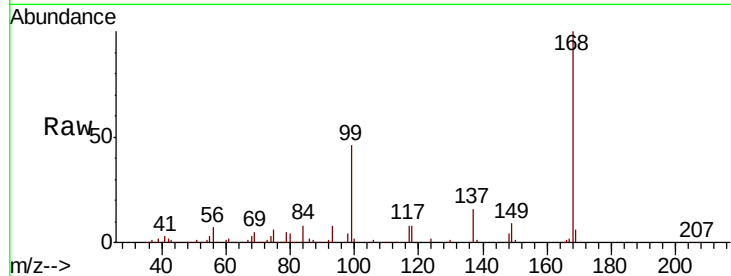
#31  
Cyclohexane  
Concen: 5.683 ug/l  
RT: 7.96 min Scan# 993  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 64.2  | 30.3  | 45.5# |
| 84      | 110.4 | 78.2  | 117.2 |

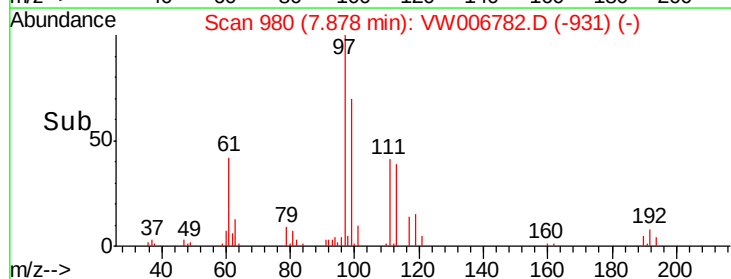
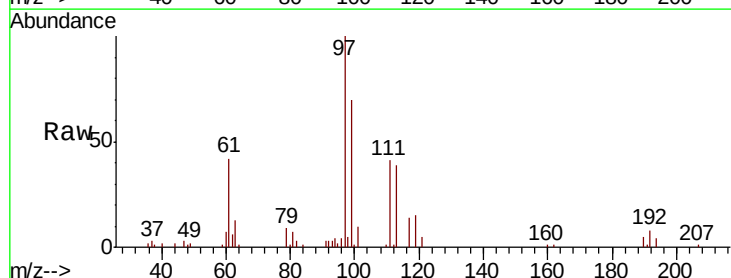
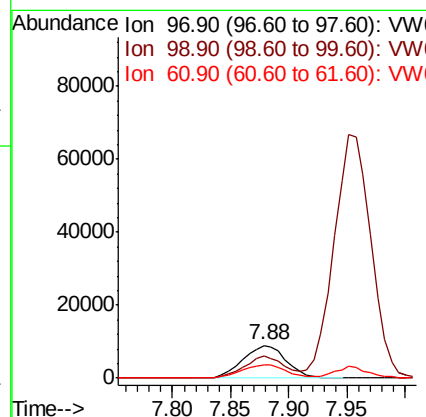
Manual Integrations  
APPROVED

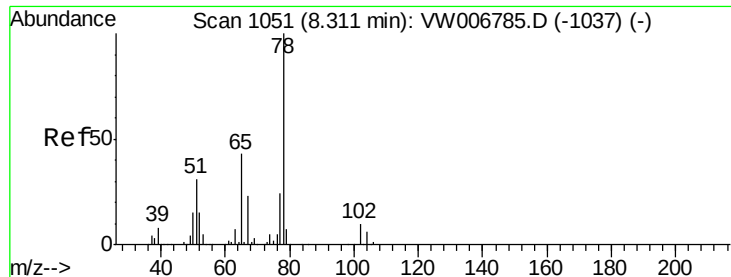
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#32  
1,1,1-Trichloroethane  
Concen: 5.301 ug/l  
RT: 7.88 min Scan# 980  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.3  | 51.4  | 77.2  |
| 61      | 42.2  | 32.7  | 49.1  |





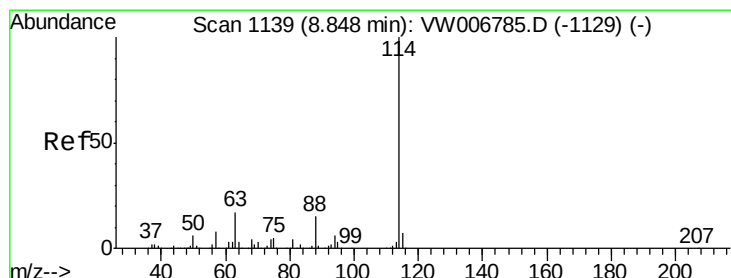
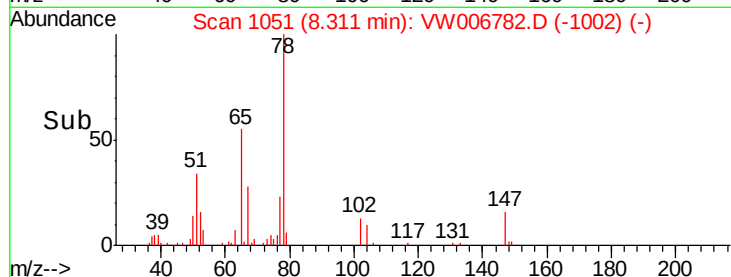
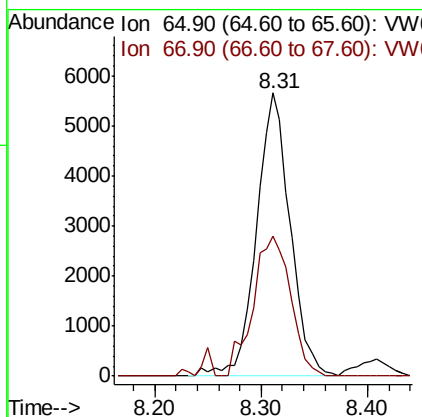
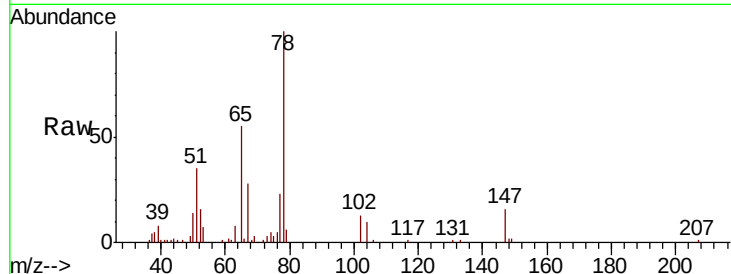
#33  
 1,2-Dichloroethane-d4  
 Concen: 4.697 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 55.4  | 0.0   | 107.2 |

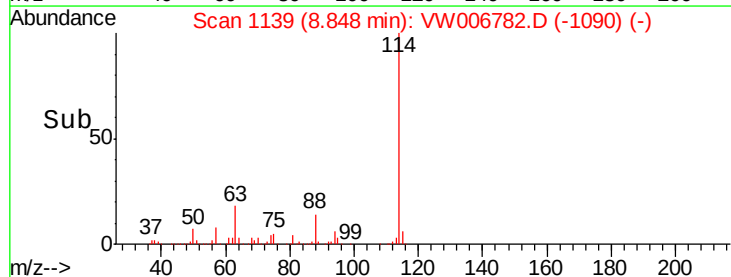
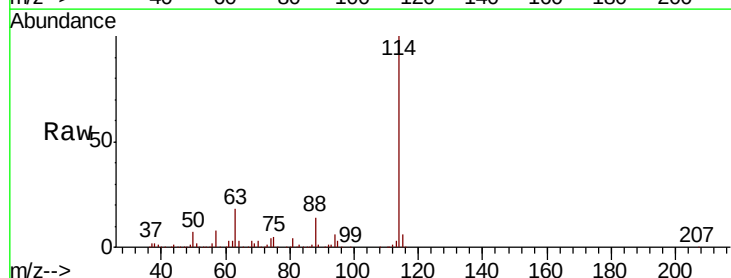
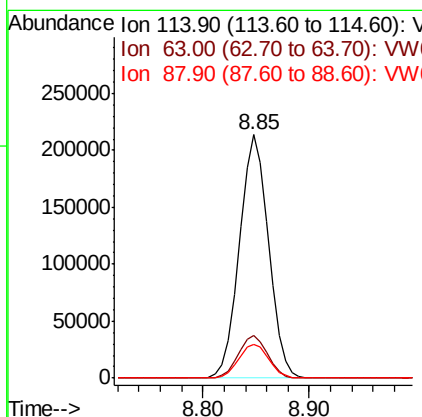
Manual Integrations  
 APPROVED

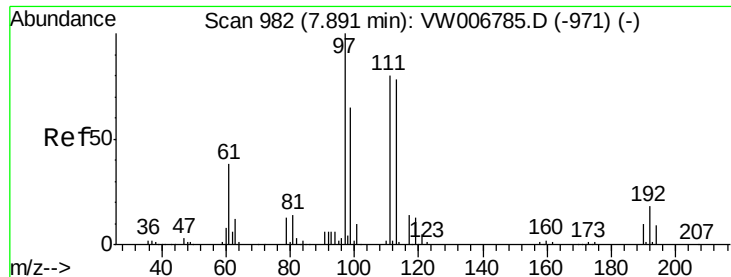
apatel  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 17.7  | 0.0   | 34.0  |
| 88      | 14.1  | 0.0   | 29.2  |





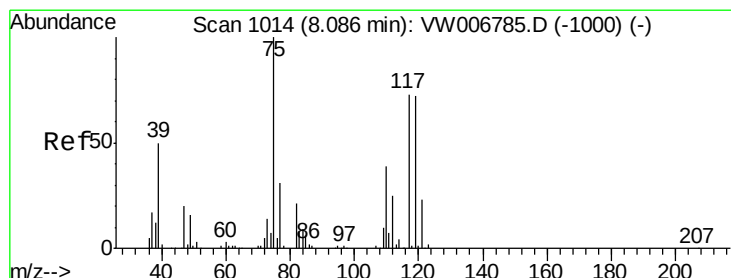
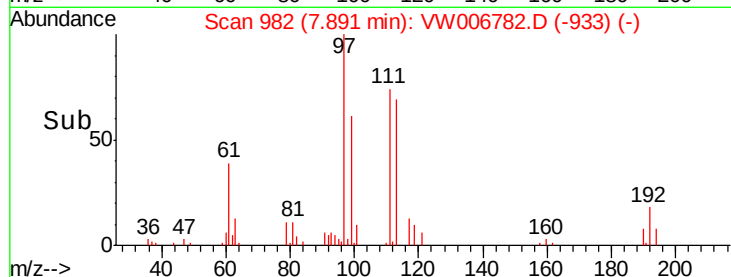
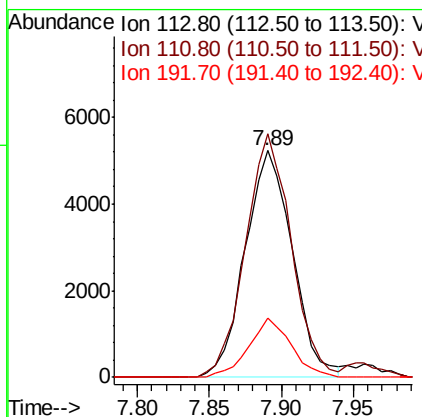
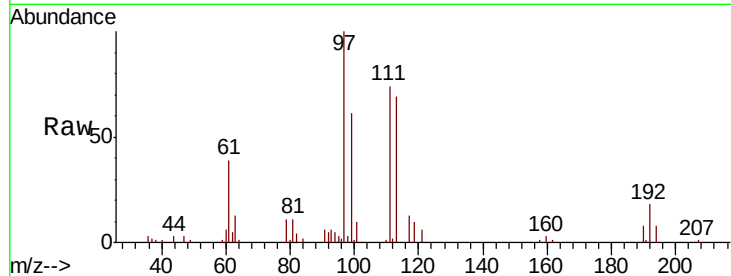
#35  
 Dibromofluoromethane  
 Concen: 4.627 ug/l  
 RT: 7.89 min Scan# 982  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 11926 |       |       |
| 111     | 103.7 | 81.4  | 122.2 |       |
| 192     | 23.4  | 19.1  | 28.7  |       |

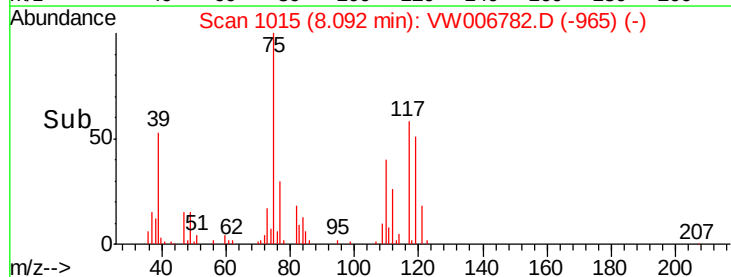
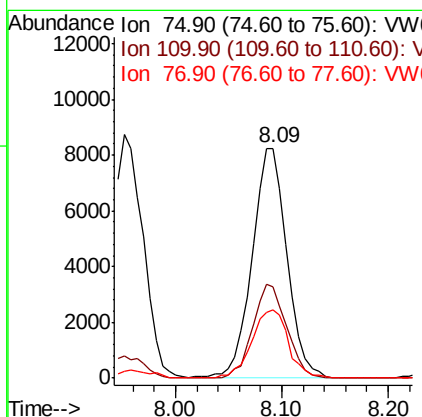
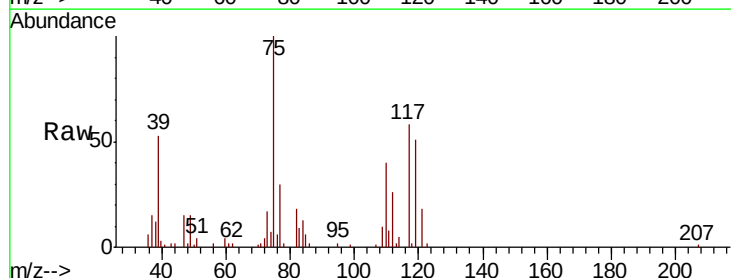
Manual Integrations  
 APPROVED

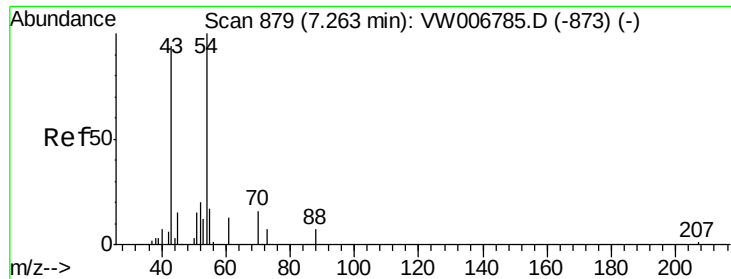
apatel  
 11/12/2018 3:40:26 PM



#36  
 1,1-Dichloropropene  
 Concen: 5.238 ug/l  
 RT: 8.09 min Scan# 1015  
 Delta R.T. 0.01 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 18918 |       |       |
| 110     | 39.6  | 19.6  | 58.7  |       |
| 77      | 31.0  | 24.9  | 37.3  |       |





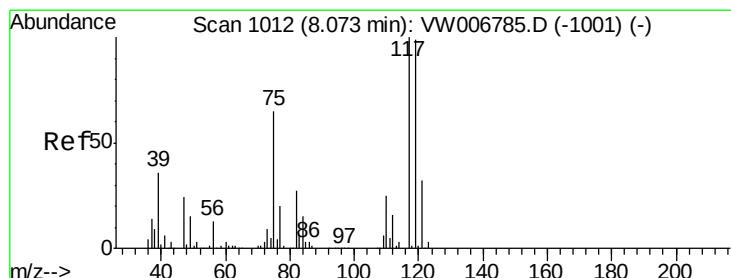
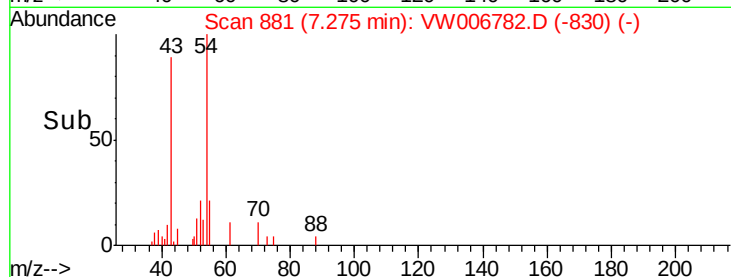
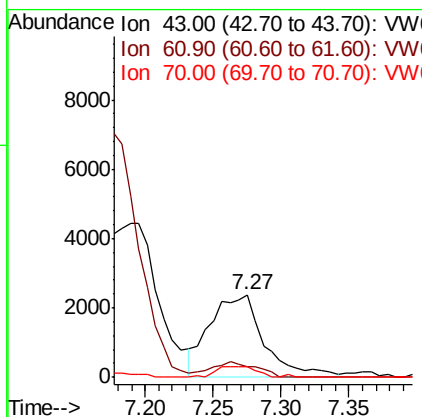
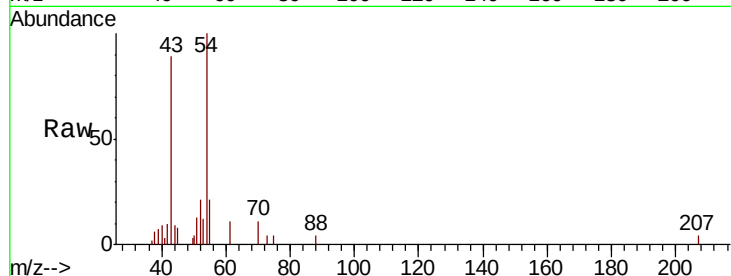
#37  
Ethyl Acetate  
Concen: 5.318 ug/l  
RT: 7.27 min Scan# 881  
Delta R.T. 0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.6  | 12.2  | 18.2  |
| 70      | 9.6   | 9.8   | 14.8  |

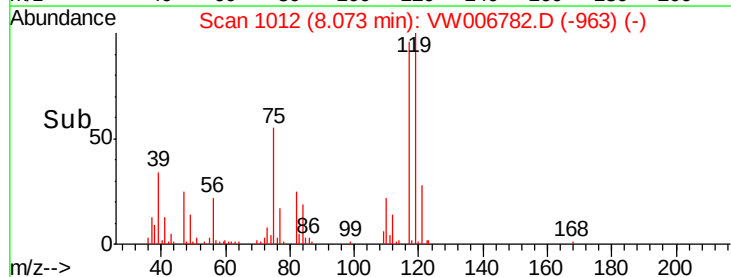
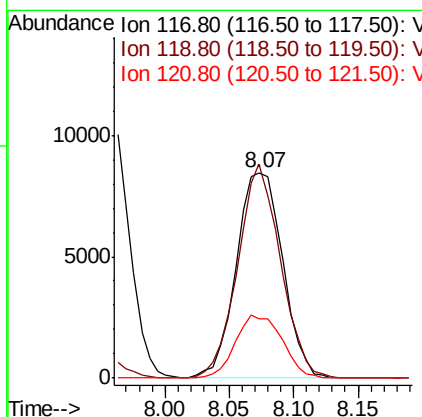
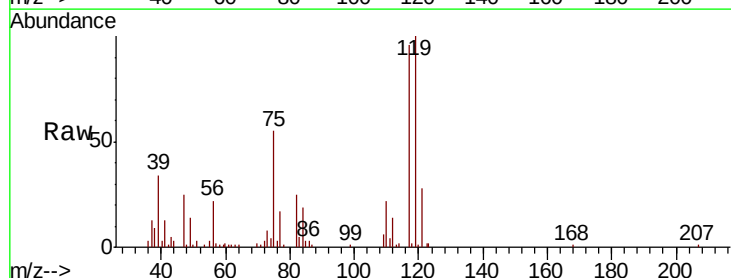
Manual Integrations  
APPROVED

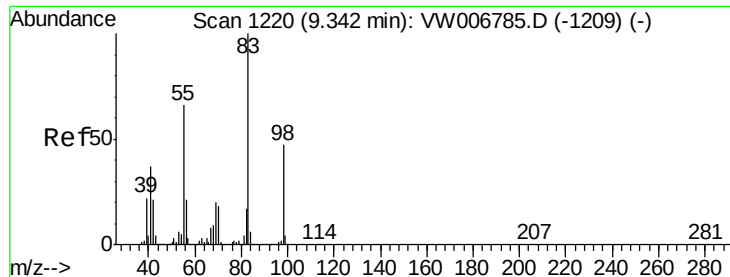
apatel  
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#38  
Carbon Tetrachloride  
Concen: 5.603 ug/l  
RT: 8.07 min Scan# 1012  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 104.1 | 78.9  | 118.3 |
| 121     | 28.7  | 25.3  | 37.9  |





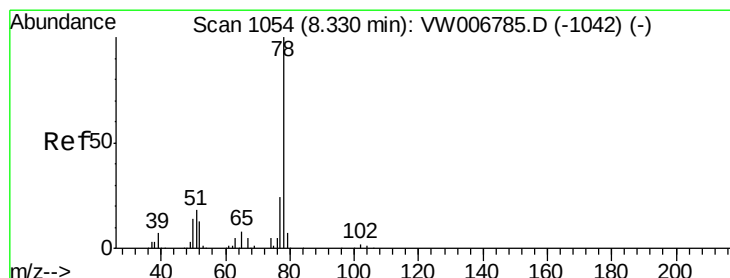
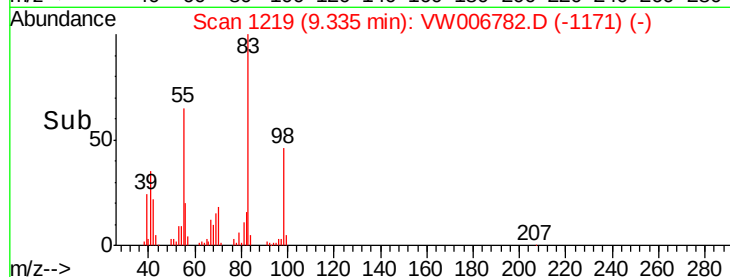
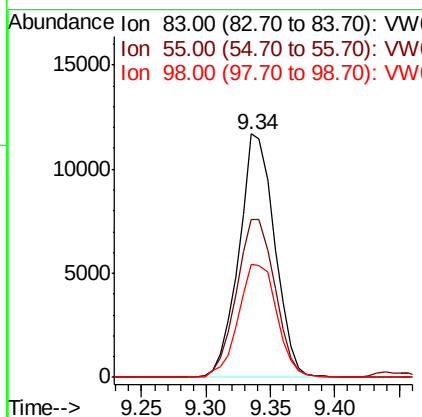
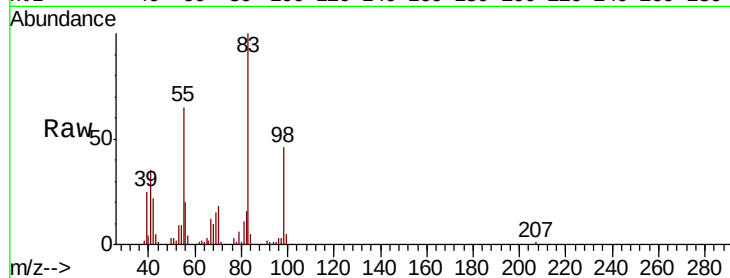
#39  
Methylvlcyclohexane  
Concen: 4.910 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 65.0  | 53.0  | 79.4  |
| 98      | 46.2  | 37.9  | 56.9  |

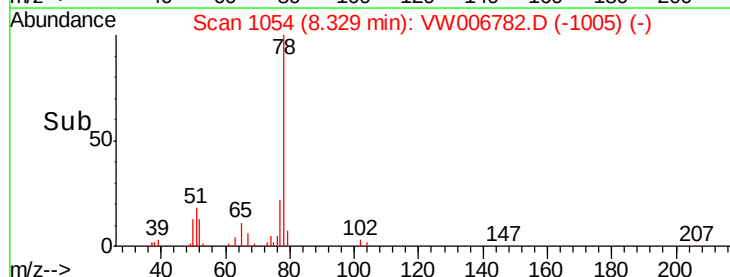
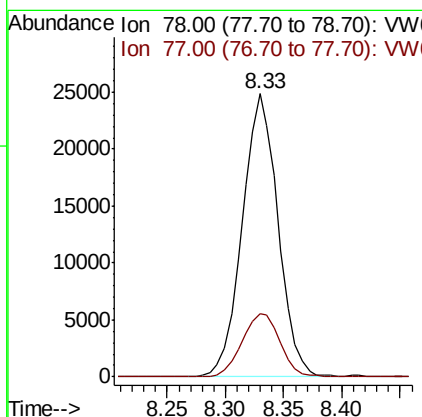
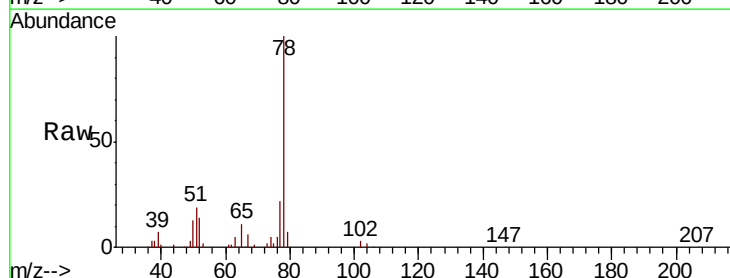
Manual Integrations  
APPROVED

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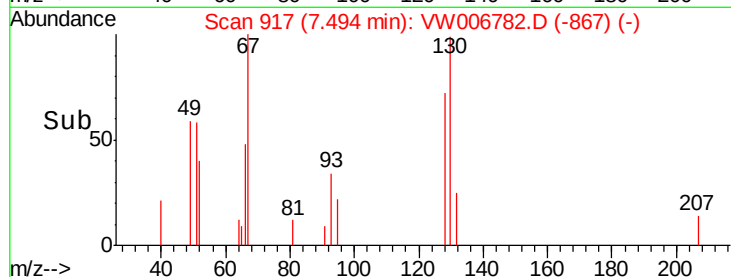
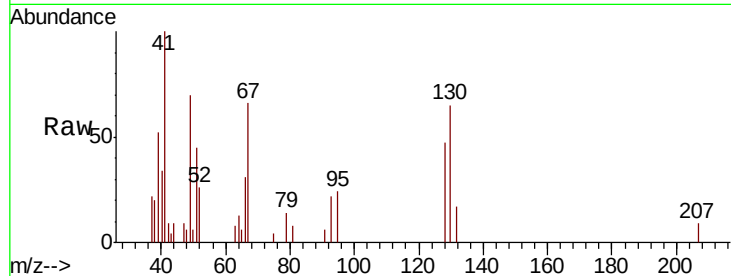
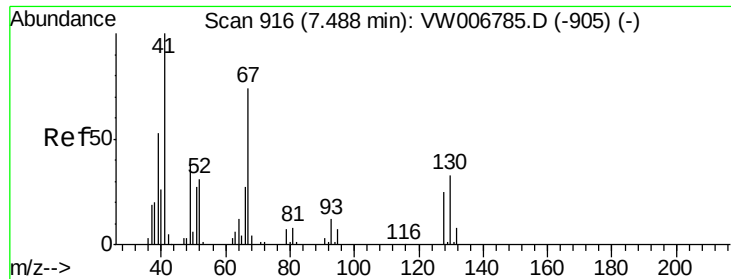


#40  
Benzene  
Concen: 5.181 ug/l  
RT: 8.33 min Scan# 1054  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.4  | 19.4  | 29.2  |







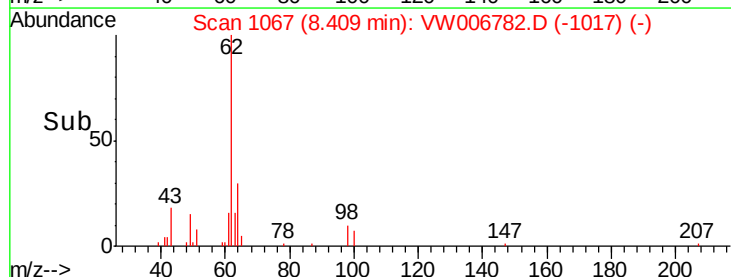
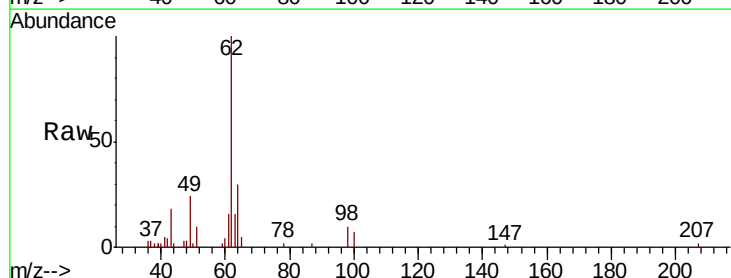
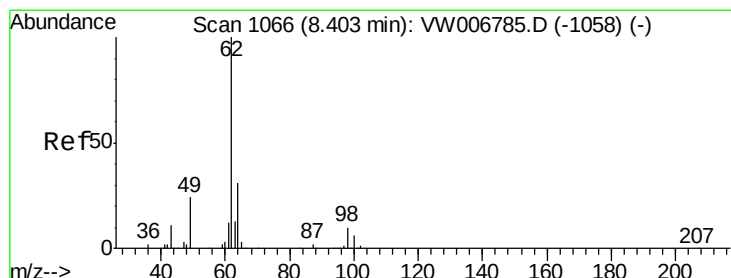
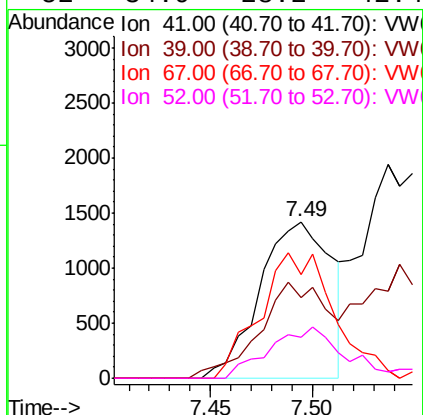
#41  
Methacrylonitrile  
Concen: 4.550 ug/l  
RT: 7.49 min Scan# 917  
Delta R.T. 0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tot Ion | 41    | Resp: | 3492  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 58.3  | 49.3  | 73.9  |
| 67      | 82.8  | 69.3  | 103.9 |
| 52      | 34.9  | 28.2  | 42.4  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

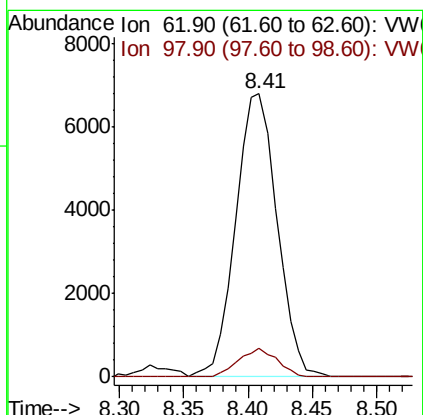
Manual Integrations  
APPROVED

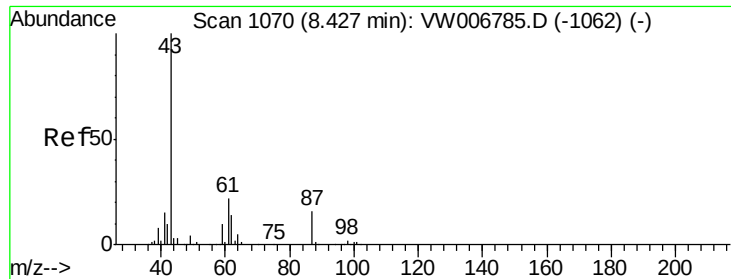
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#42  
1,2-Dichloroethane  
Concen: 5.151 ug/l  
RT: 8.41 min Scan# 1067  
Delta R.T. 0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | 62    | Resp: | 15152 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 62      | 100   |       |       |
| 98      | 9.3   | 0.0   | 19.4  |





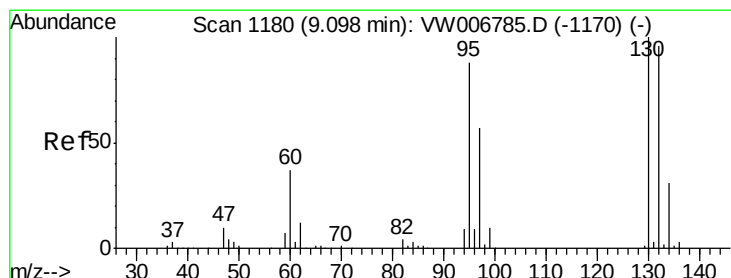
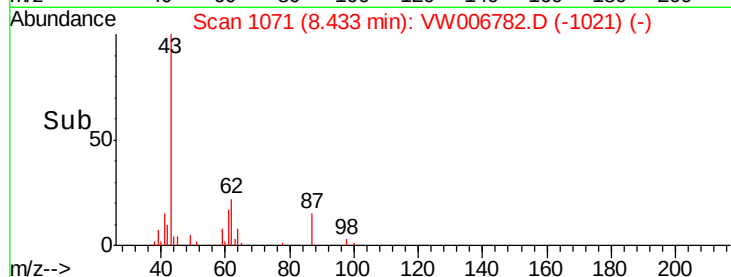
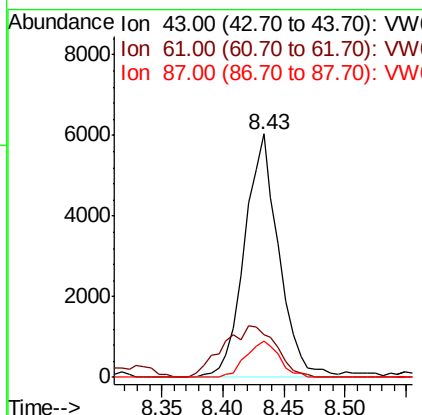
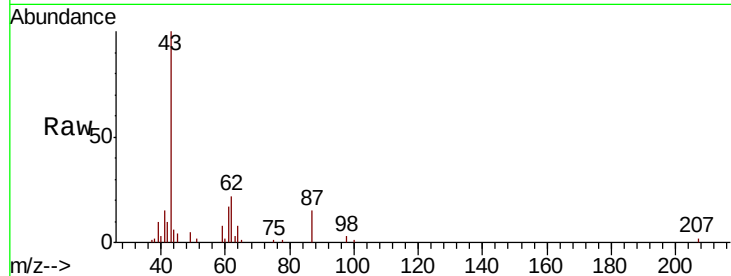
#43  
Isopropyl Acetate  
Concen: 4.725 ug/l  
RT: 8.43 min Scan# 1071  
Delta R.T. 0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 32.5  | 26.5  | 39.7  |
| 87      | 14.4  | 12.8  | 19.2  |

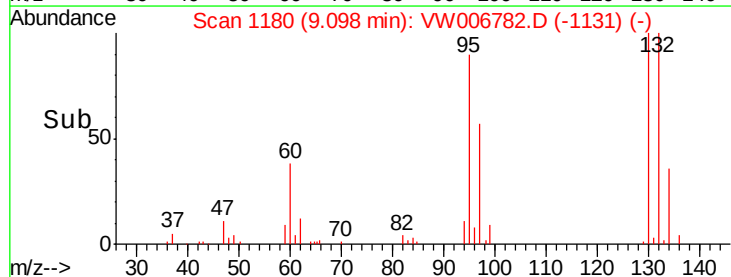
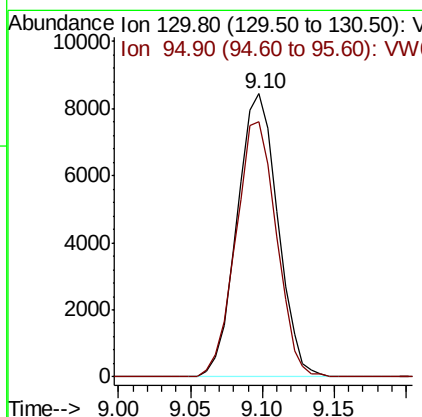
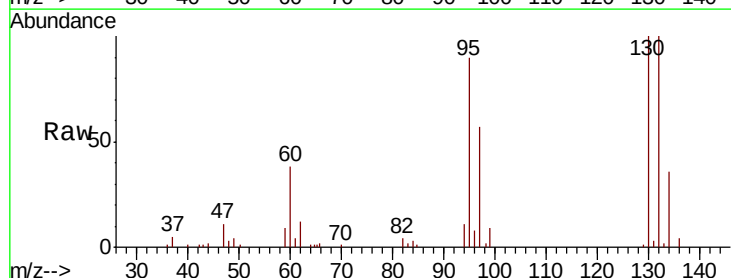
Manual Integrations  
APPROVED

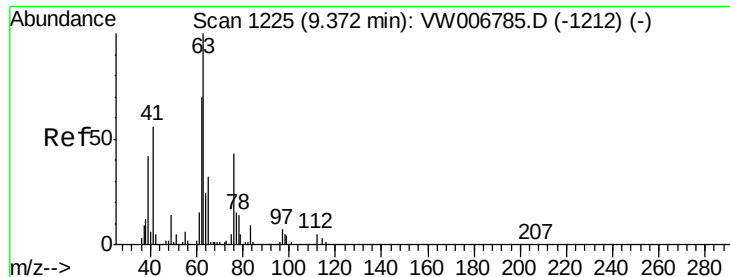
apatel  
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#44  
Trichloroethene  
Concen: 5.223 ug/l  
RT: 9.10 min Scan# 1180  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 90.0  | 0.0   | 175.0 |





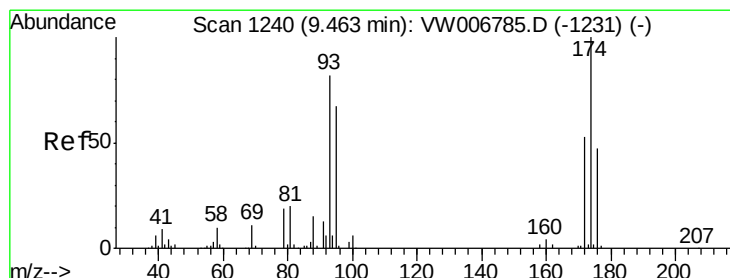
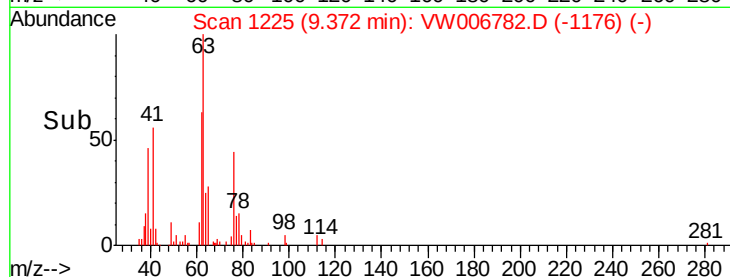
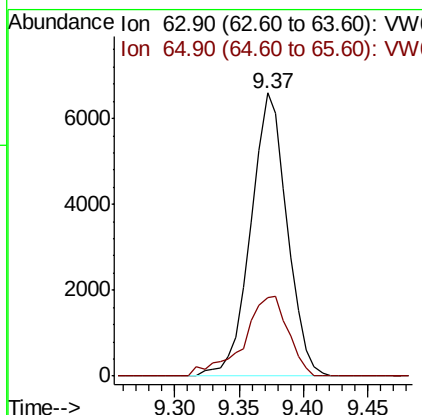
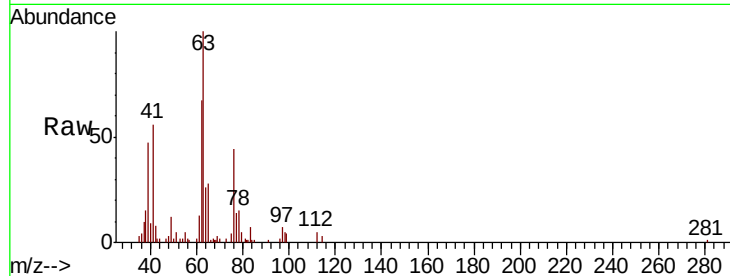
#45  
 1,2-Dichloropropane  
 Concen: 5.372 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 27.6  | 25.5  | 38.3  |

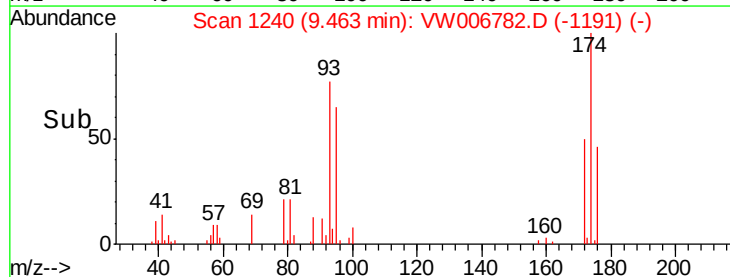
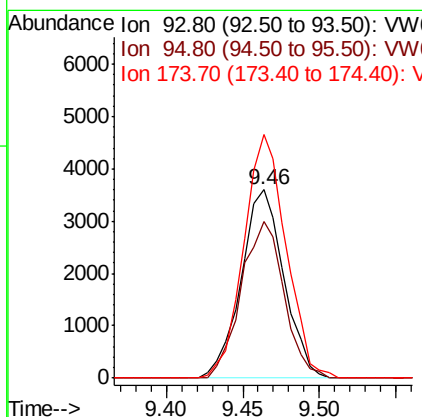
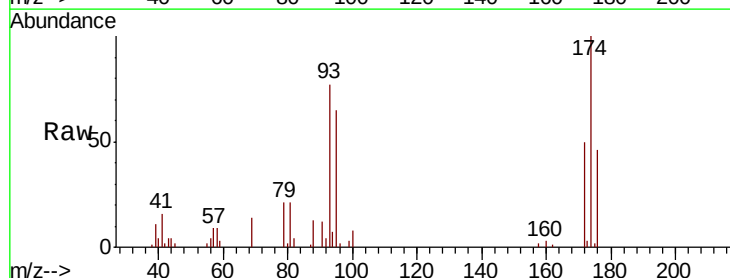
Manual Integrations  
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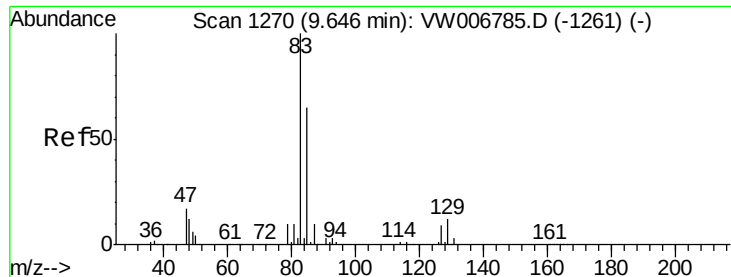
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#46  
 Dibromomethane  
 Concen: 4.969 ug/l  
 RT: 9.46 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.1  | 65.4  | 98.0  |
| 174     | 128.2 | 96.4  | 144.6 |





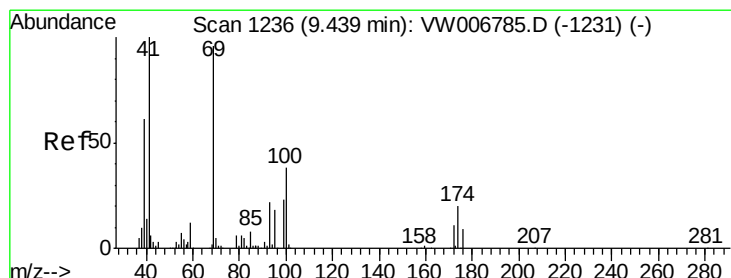
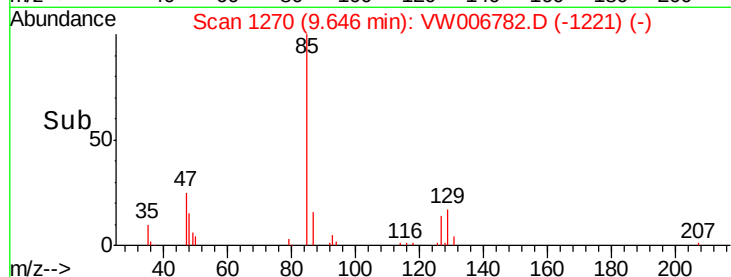
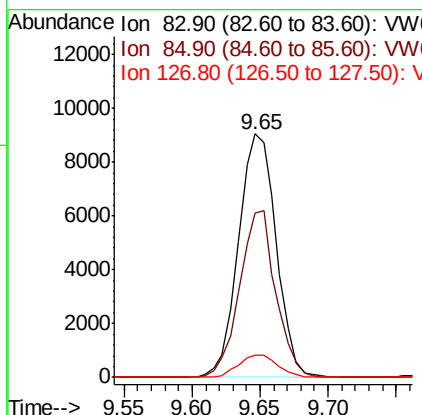
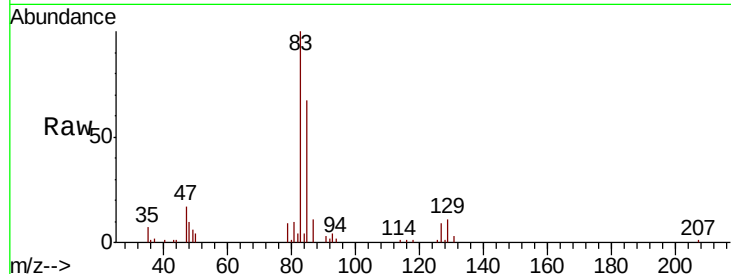
#47  
Bromodichloromethane  
Concen: 5.377 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion   | 83   | Resp  | 17520 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 67.2 | 51.6  | 77.4  |
| 127       | 9.3  | 7.4   | 11.2  |

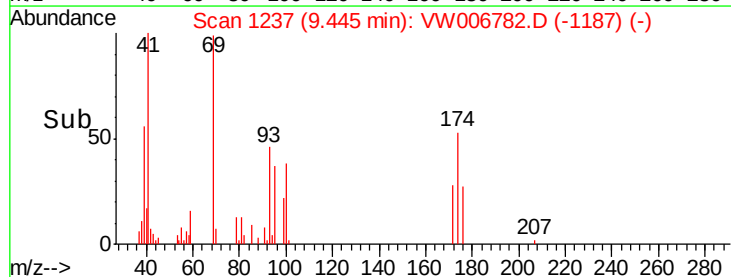
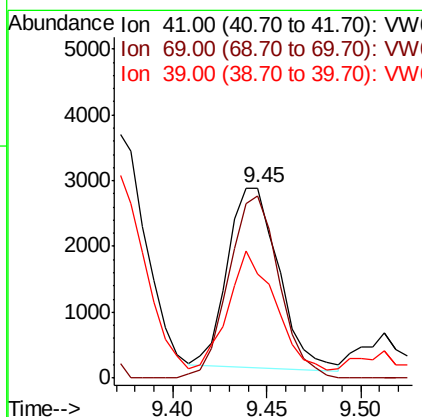
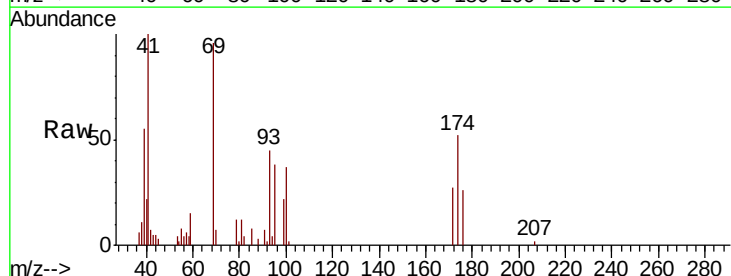
Manual Integrations  
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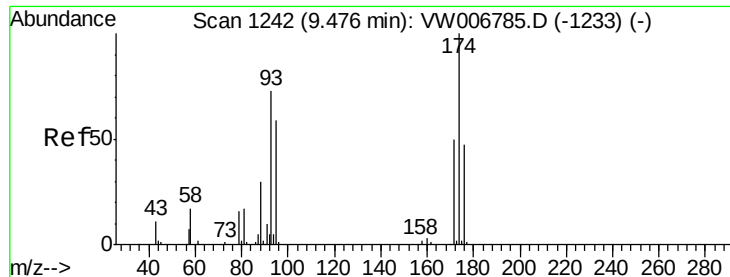
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#48  
Methyl methacrylate  
Concen: 4.271 ug/l  
RT: 9.45 min Scan# 1237  
Delta R.T. 0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion   | 41   | Resp  | 5139  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 69        | 99.9 | 81.5  | 122.3 |
| 39        | 70.9 | 48.0  | 72.0  |





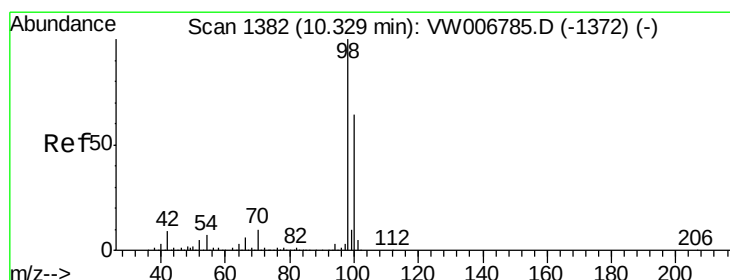
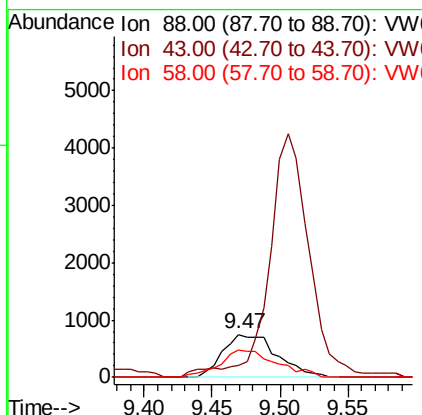
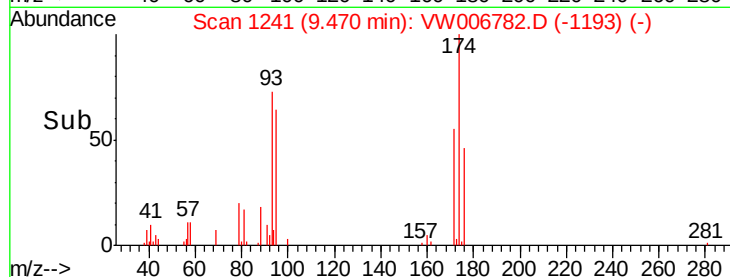
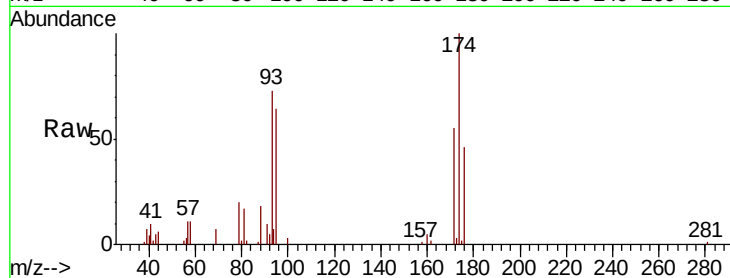
#49  
1,4-Dioxane  
Concen: 100.845 ug/l  
RT: 9.47 min Scan# 1241  
Delta R.T. -0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | 88    | Resp  | 2071  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 0.0   | 0.0   | 0.0   |
| 58      | 67.7  | 53.7  | 80.5  |

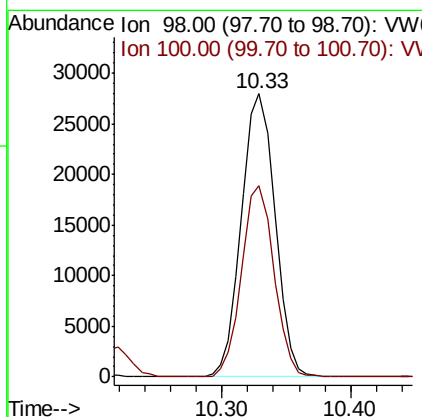
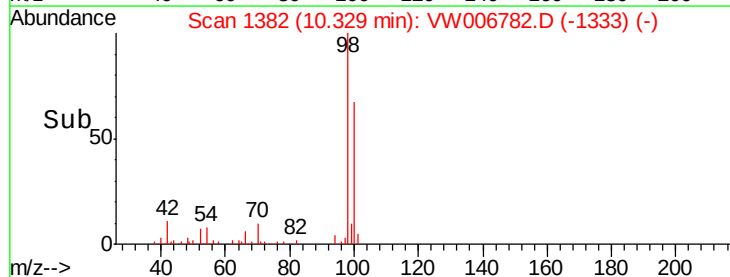
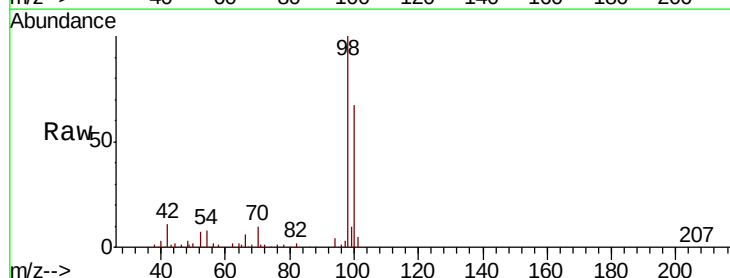
Manual Integrations  
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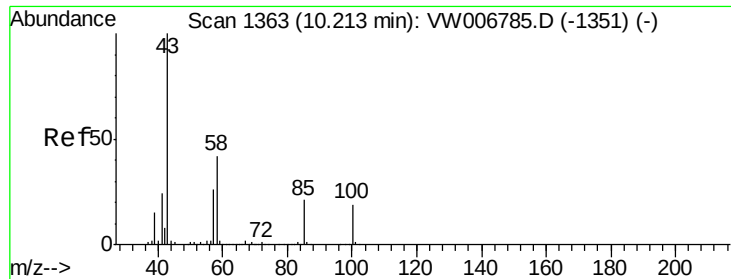
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#50  
Toluene-d8  
Concen: 5.163 ug/l  
RT: 10.33 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | 98    | Resp  | 50651 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 98      | 100   |       |       |
| 100     | 65.1  | 51.4  | 77.0  |





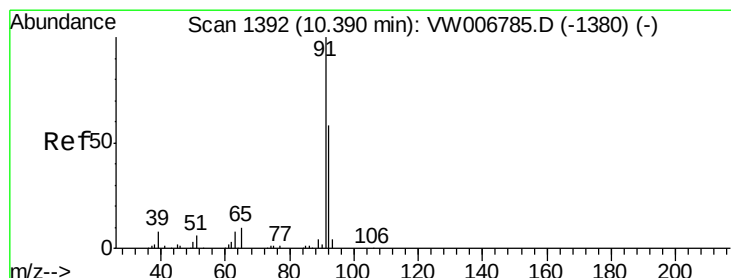
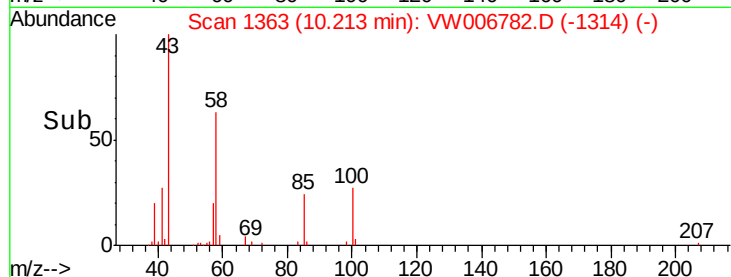
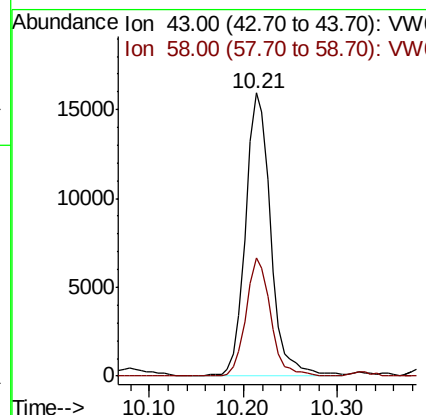
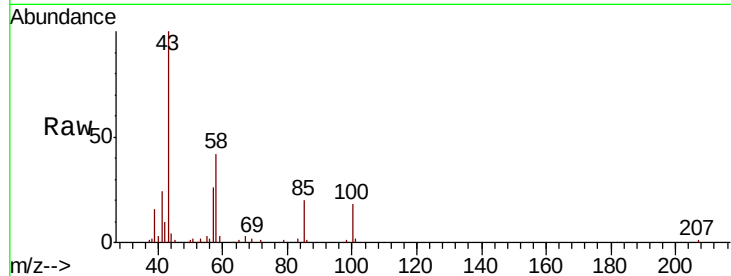
#51  
 4-Methyl-2-Pentanone  
 Concen: 23.309 ug/l  
 RT: 10.21 min Scan# 1363  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 43 Resp: 29896  
 Ion Ratio Lower Upper  
 43 100  
 58 40.6 33.2 49.8

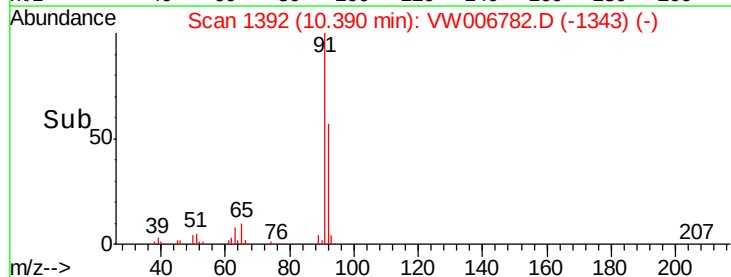
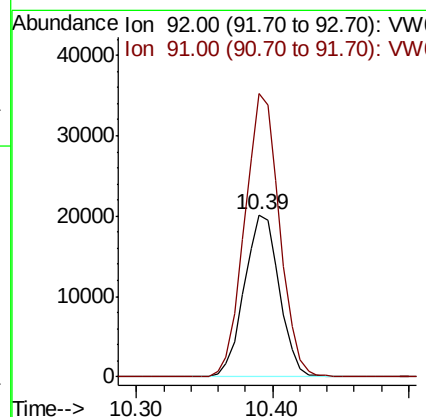
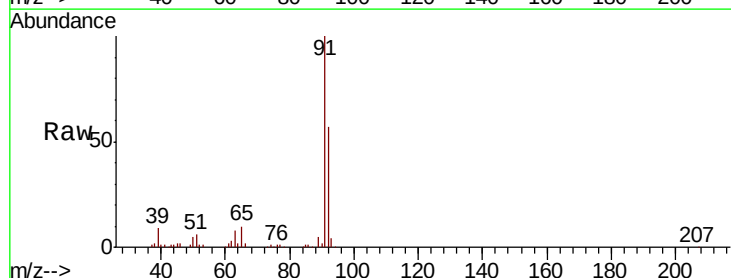
Manual Integrations  
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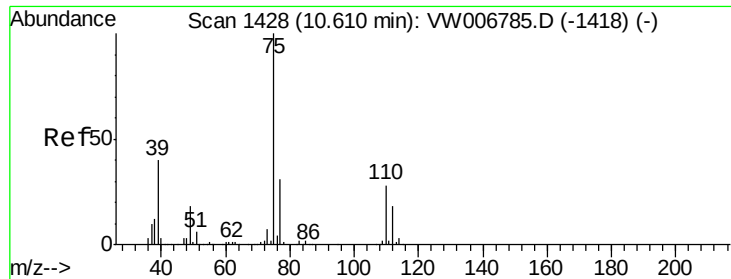
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#52  
 Toluene  
 Concen: 5.260 ug/l  
 RT: 10.39 min Scan# 1392  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

Tgt Ion: 92 Resp: 36191  
 Ion Ratio Lower Upper  
 92 100  
 91 173.9 138.6 207.8





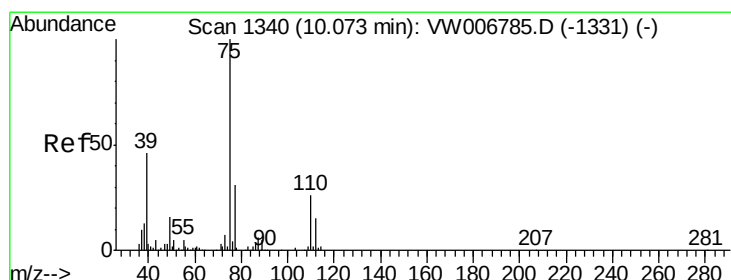
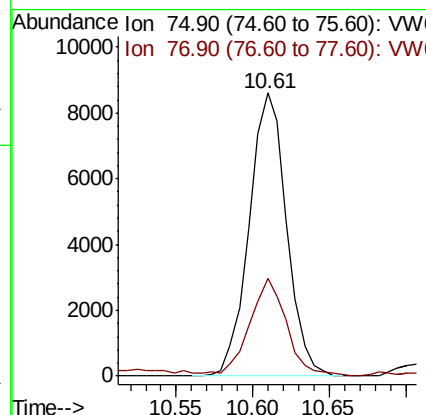
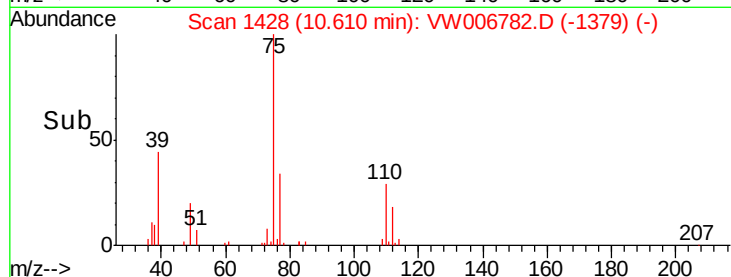
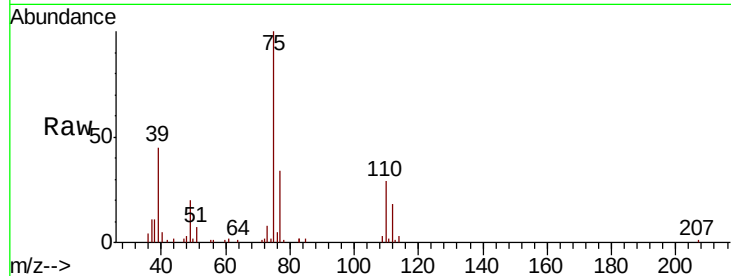
#53  
t-1,3-Dichloropropene  
Concen: 4.656 ug/l  
RT: 10.61 min Scan# 1428  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

Tot Ion: 75 Resp: 14601  
Ion Ratio Lower Upper  
75 100  
77 33.8 25.1 37.7

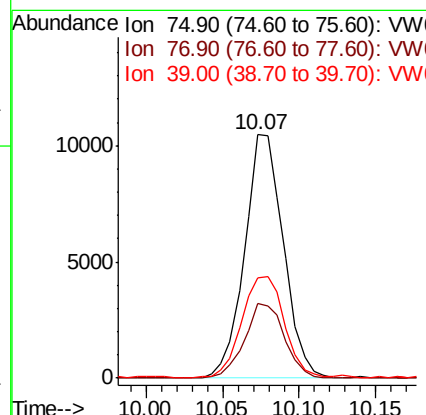
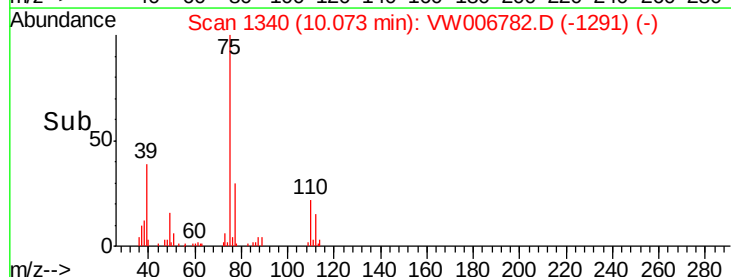
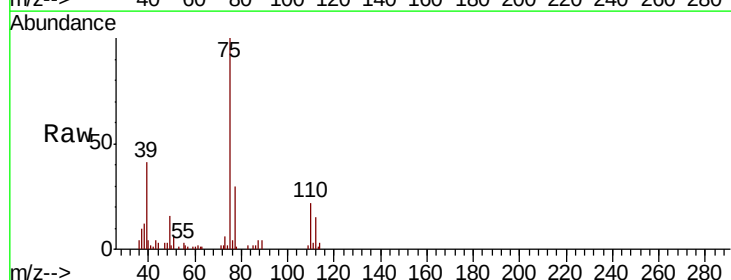
Manual Integrations  
APPROVED

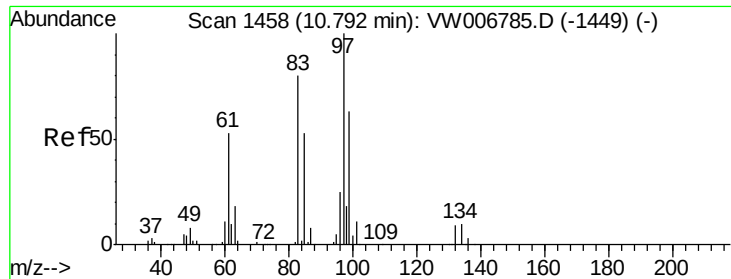
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11/12/2018 3:40:26 PM



#54  
cis-1,3-Dichloropropene  
Concen: 4.970 ug/l  
RT: 10.07 min Scan# 1340  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Tgt Ion: 75 Resp: 18415  
Ion Ratio Lower Upper  
75 100  
77 30.4 24.6 37.0  
39 41.3 37.1 55.7





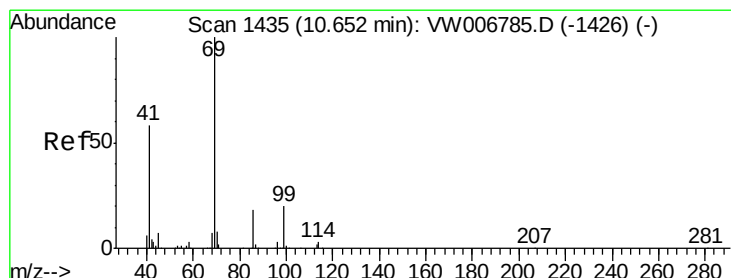
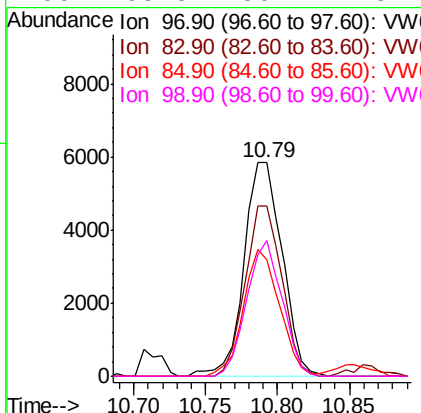
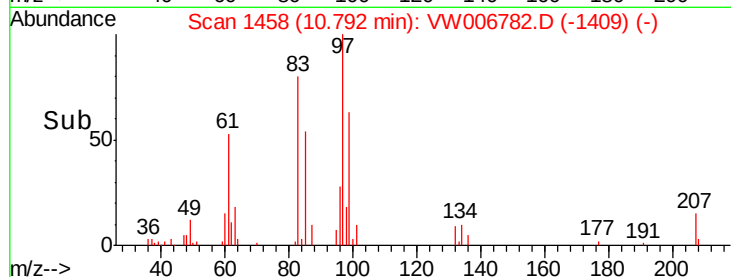
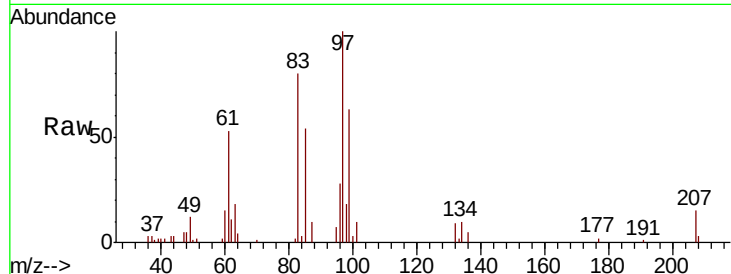
#55  
 1,1,2-Trichloroethane  
 Concen: 5.359 ug/l  
 RT: 10.79 min Scan# 1458  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | 97    | Resp: | 10670 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 79.9  | 64.4  | 96.6  |
| 85      | 54.4  | 42.6  | 63.8  |
| 99      | 63.3  | 50.2  | 75.2  |

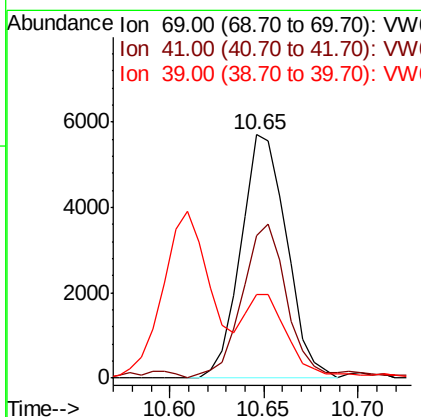
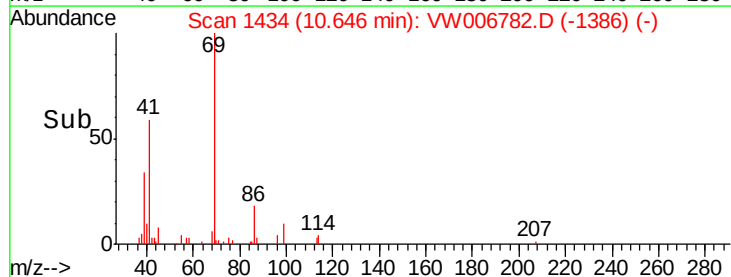
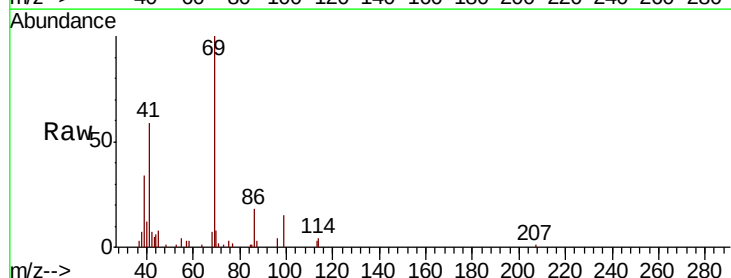
Manual Integrations  
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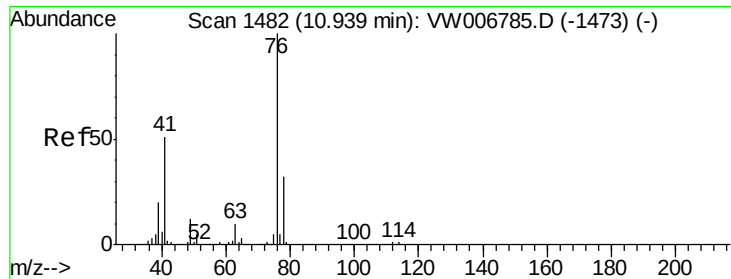


#56  
 Ethyl methacrylate  
 Concen: 4.240 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.01 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

| Tgt Ion | 69    | Resp: | 9596  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 69      | 100   |       |       |
| 41      | 61.9  | 47.2  | 70.8  |
| 39      | 34.5  | 23.4  | 35.0  |







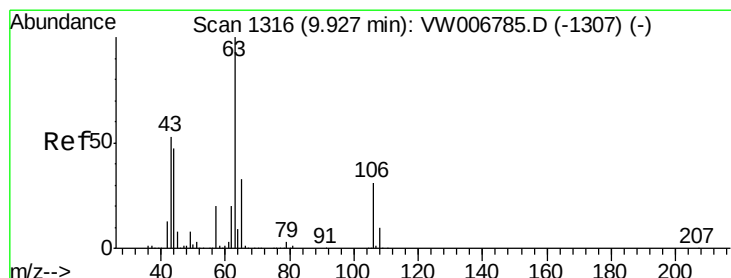
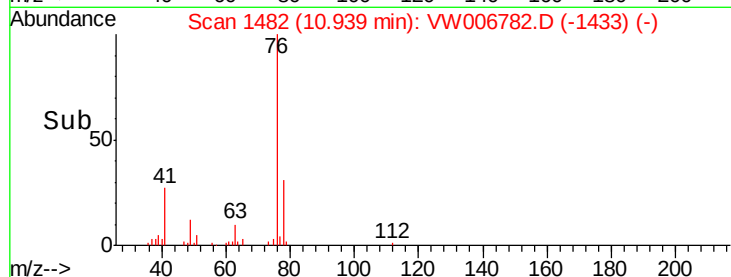
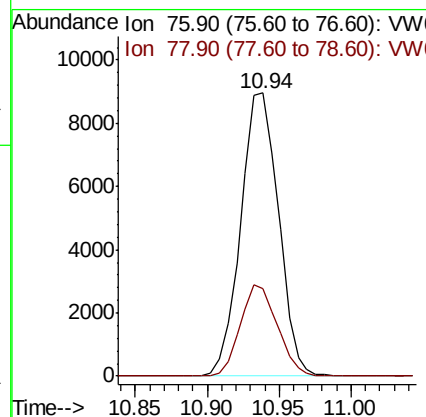
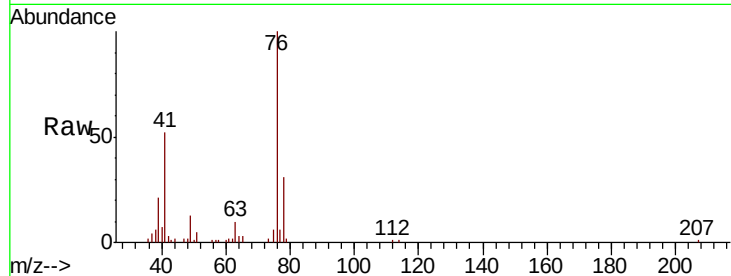
#57  
 1,3-Dichloropropane  
 Concen: 5.046 ug/l  
 RT: 10.94 min Scan# 1482  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.5  | 25.5  | 38.3  |

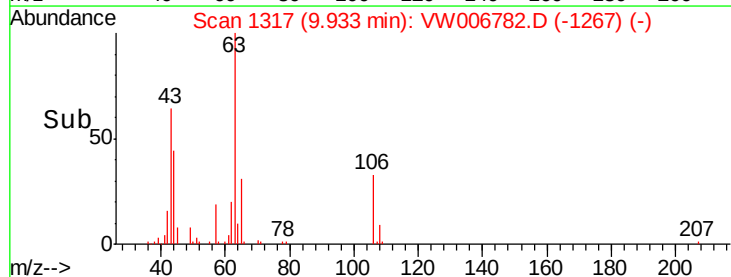
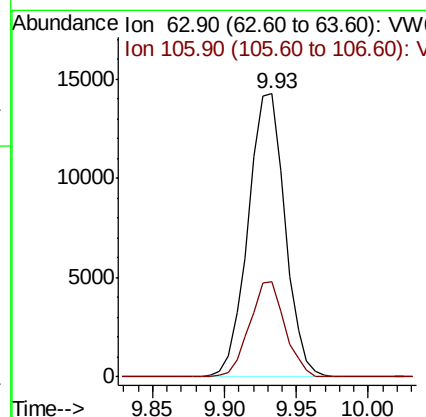
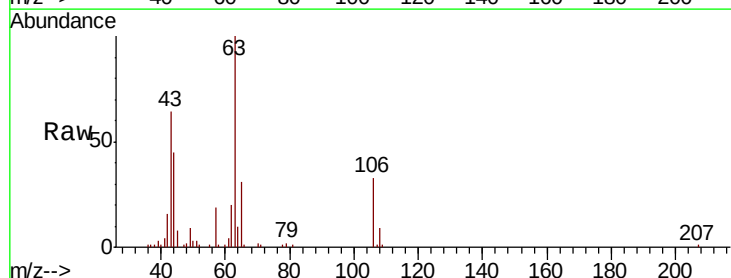
Manual Integrations  
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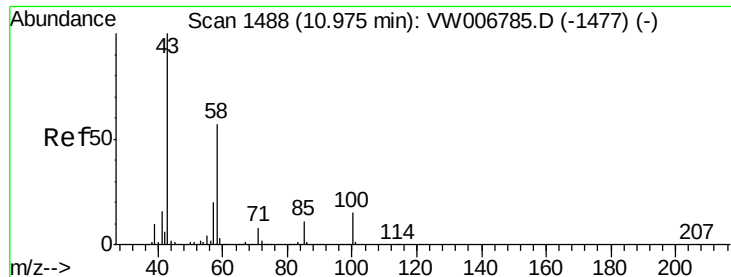
apatel  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 23.018 ug/l  
 RT: 9.93 min Scan# 1317  
 Delta R.T. 0.01 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 32.2  | 25.3  | 37.9  |





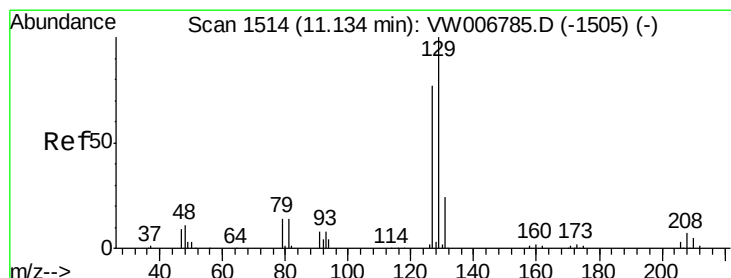
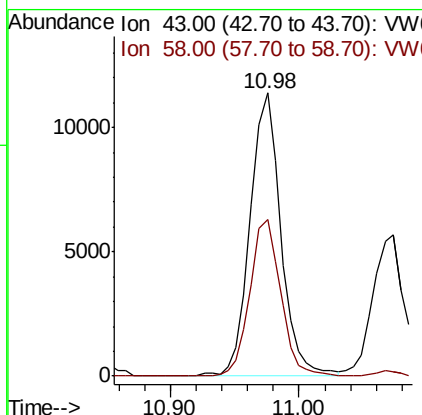
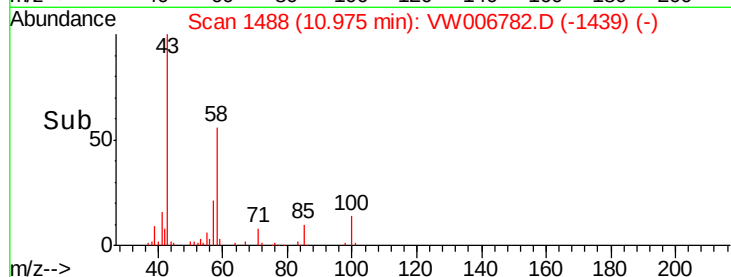
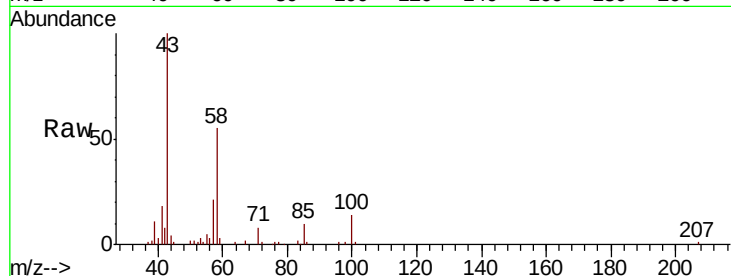
#59  
2-Hexanone  
Concen: 21.618 ug/l  
RT: 10.98 min Scan# 1488  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion   | 43   | Resp  | 18832 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 43        | 100  |       |       |
| 58        | 55.2 | 28.5  | 85.5  |

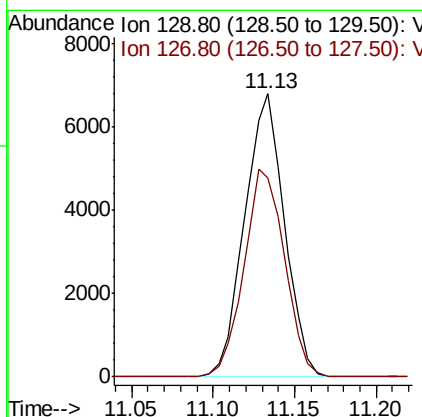
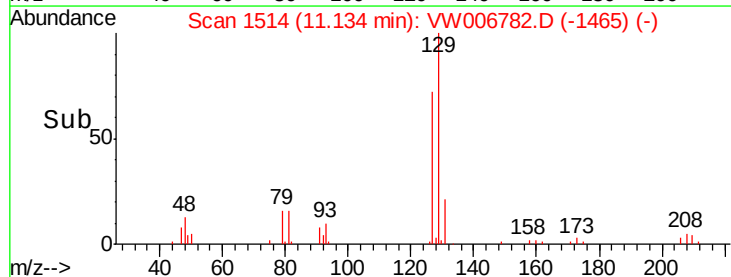
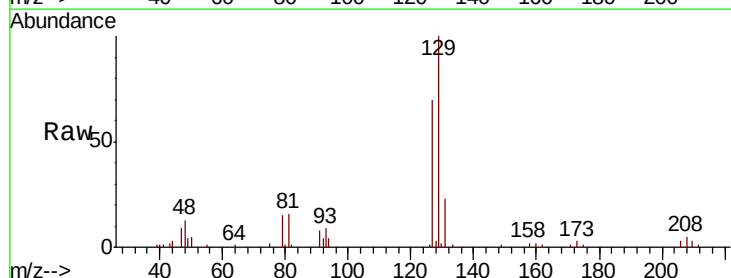
Manual Integrations  
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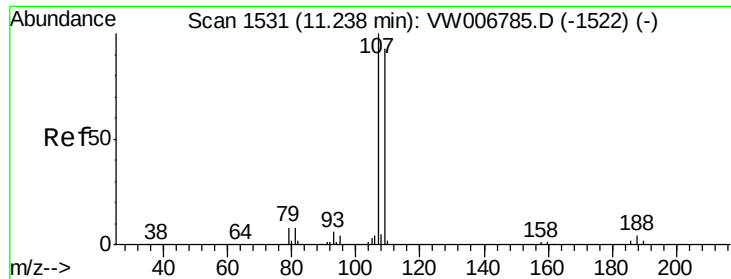
apatel  
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#60  
Dibromochloromethane  
Concen: 4.899 ug/l  
RT: 11.13 min Scan# 1514  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion   | 129  | Resp  | 11557 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 129       | 100  |       |       |
| 127       | 74.9 | 38.5  | 115.3 |





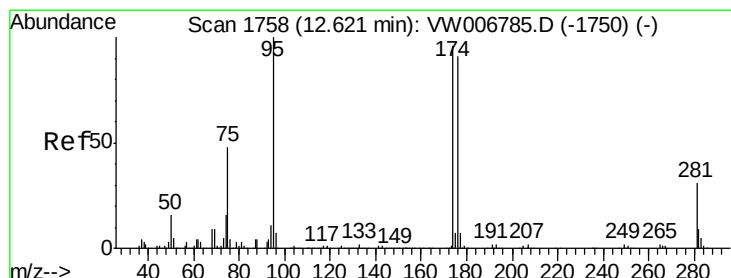
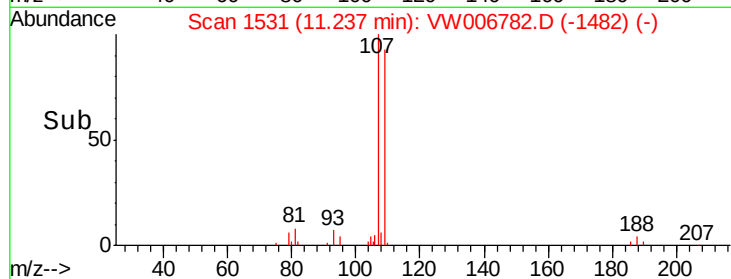
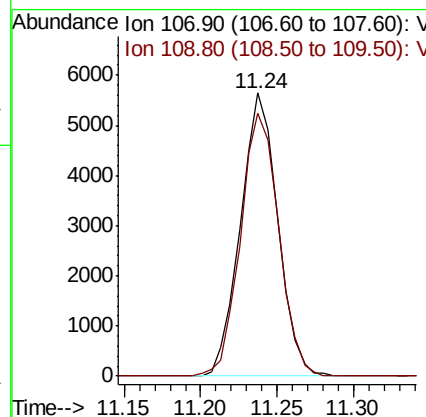
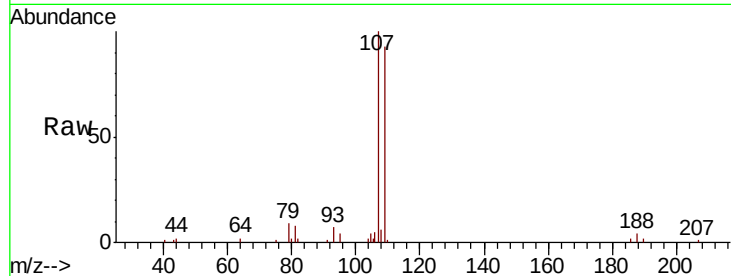
#61  
 1,2-Dibromoethane  
 Concen: 4.829 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 107 Resp: 9548  
 Ion Ratio Lower Upper  
 107 100  
 109 95.1 75.5 113.3

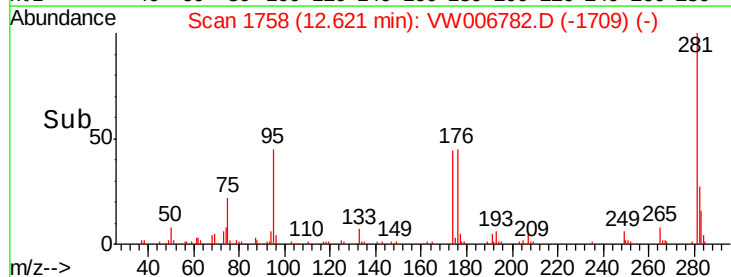
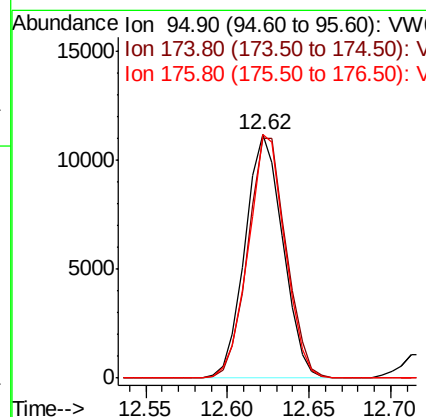
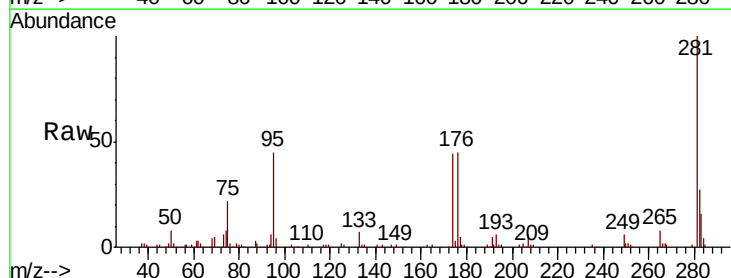
Manual Integrations  
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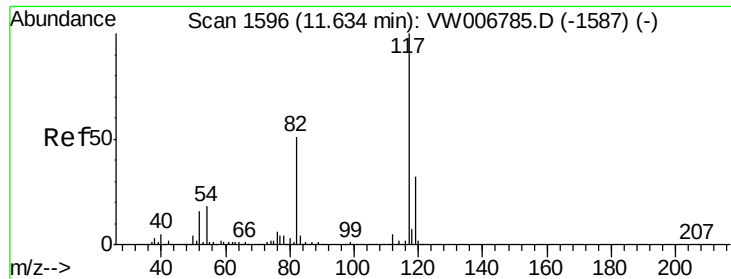
apatel  
 11/12/2018 3:40:26 PM



#62  
 4-Bromofluorobenzene  
 Concen: 5.083 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

Tgt Ion: 95 Resp: 18078  
 Ion Ratio Lower Upper  
 95 100  
 174 99.9 0.0 196.2  
 176 97.2 0.0 190.8





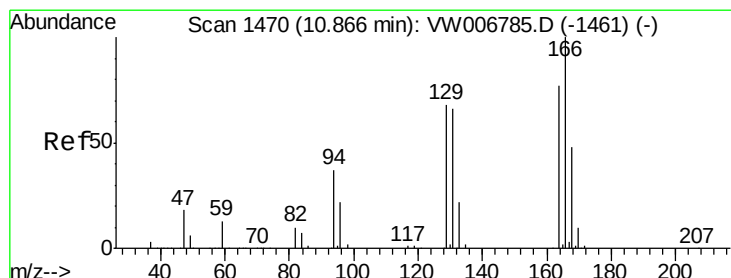
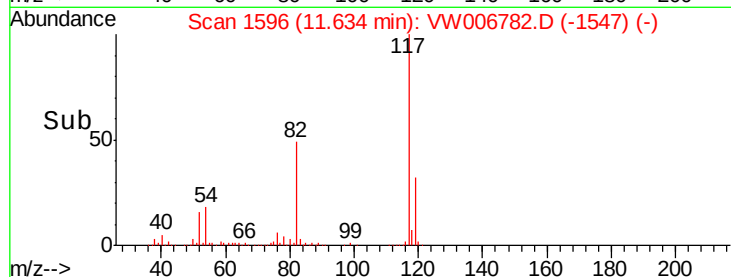
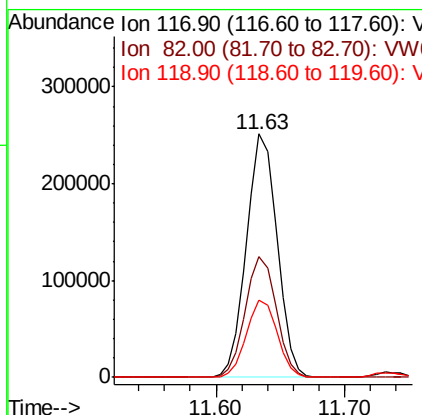
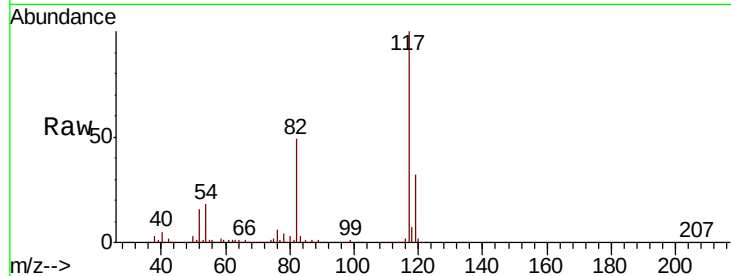
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 413295 |       |       |
| 82      | 49.4  |        | 40.9  | 61.3  |
| 119     | 31.6  |        | 25.8  | 38.8  |

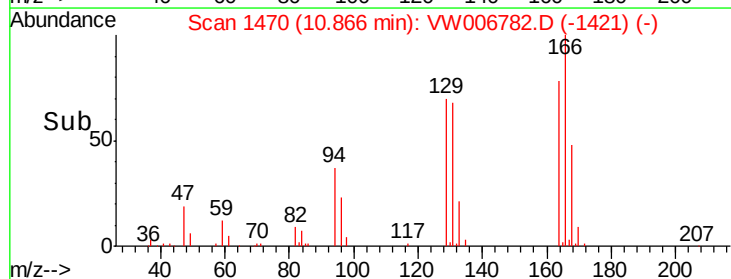
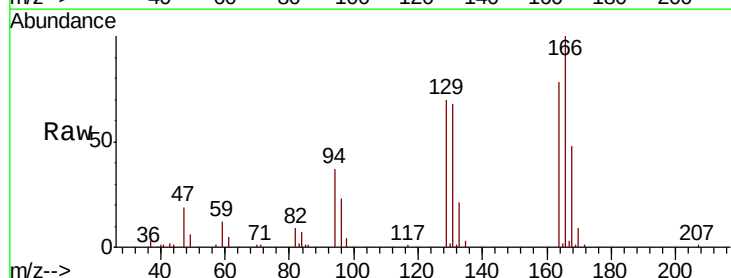
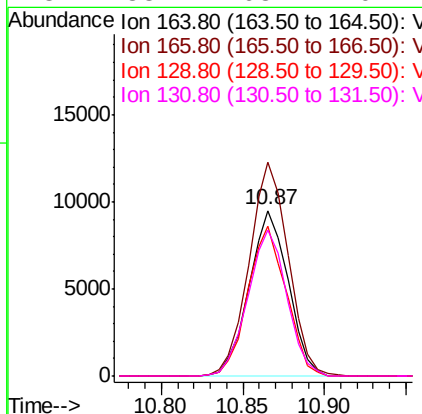
Manual Integrations  
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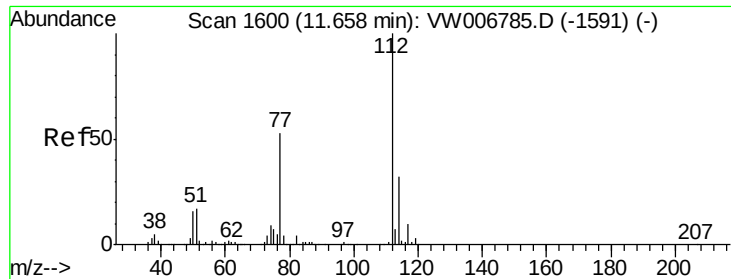
apatel  
11/12/2018 3:40:26 PM



#64  
Tetrachloroethene  
Concen: 4.829 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 15908 |       |       |
| 166     | 128.9 |       | 103.7 | 155.5 |
| 129     | 90.6  |       | 70.4  | 105.6 |
| 131     | 88.2  |       | 68.2  | 102.2 |





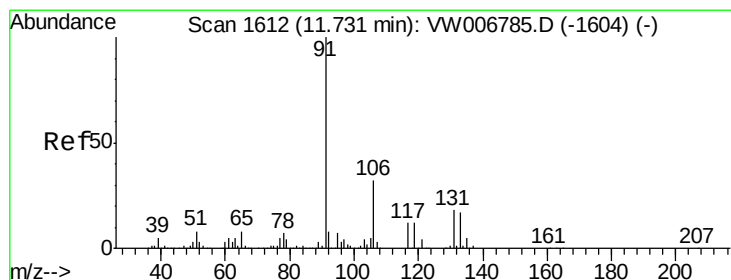
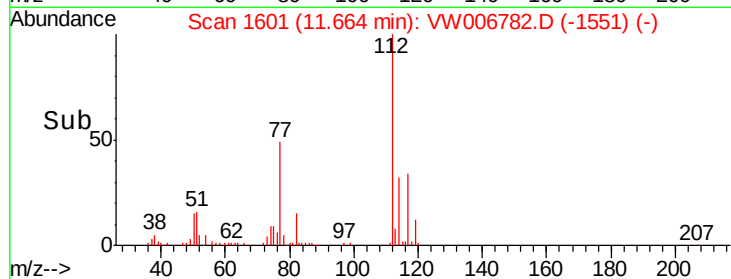
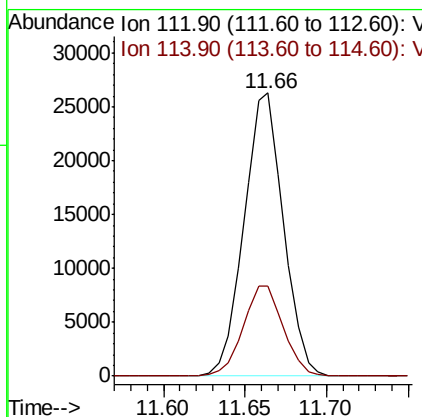
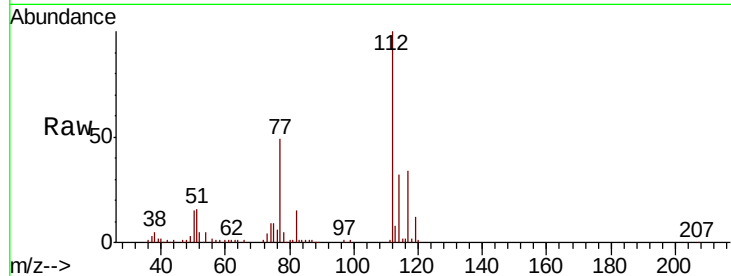
#65  
Chlorobenzene  
Concen: 5.060 ug/l  
RT: 11.66 min Scan# 1601  
Delta R.T. 0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

Tot Ion:112 Resp: 44005  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.9 38.9

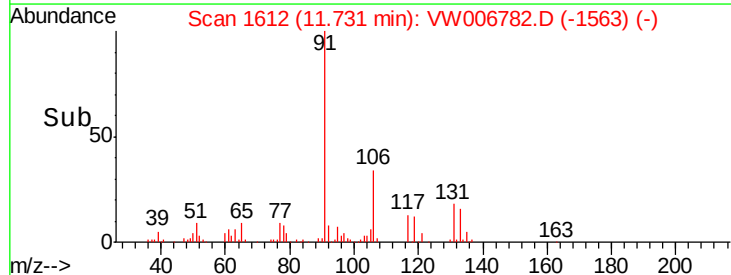
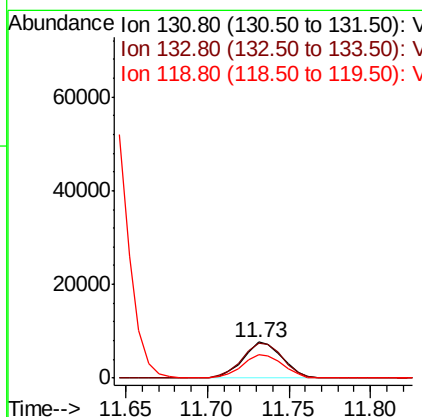
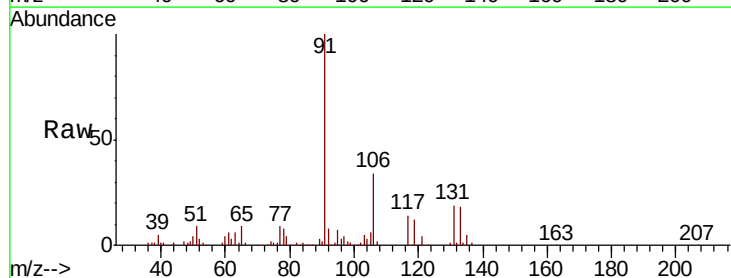
Manual Integrations  
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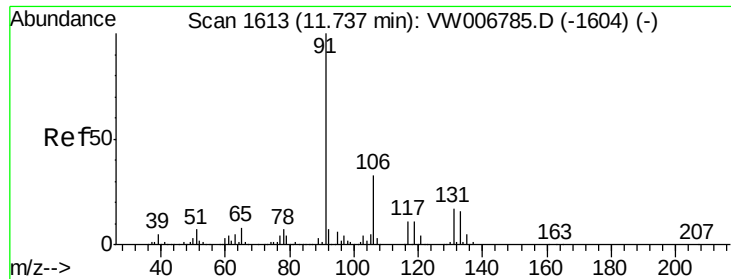
apatel  
11/12/2018 3:40:26 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.252 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Tgt Ion:131 Resp: 12999  
Ion Ratio Lower Upper  
131 100  
133 100.8 47.9 143.6  
119 66.1 32.3 96.8





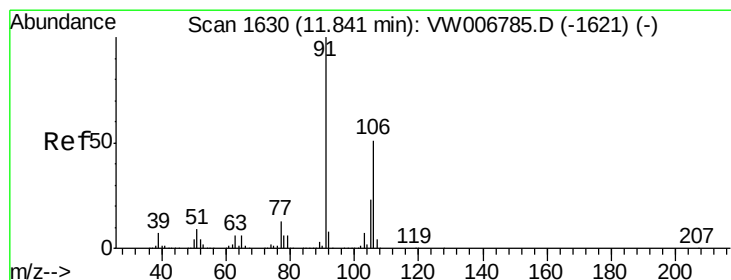
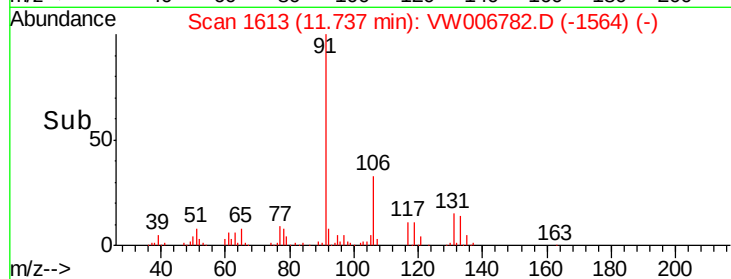
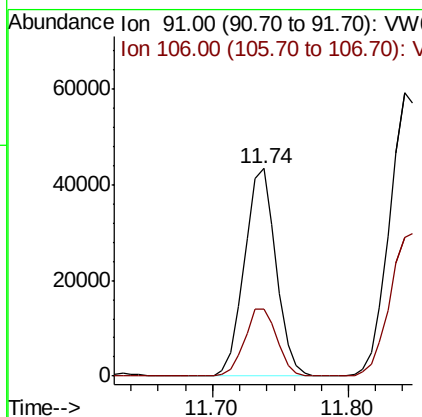
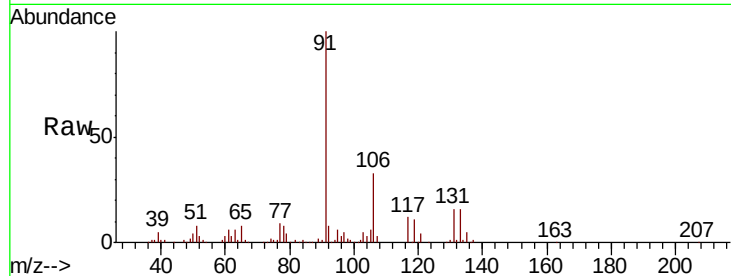
#67  
Ethyl Benzene  
Concen: 4.853 ug/l  
RT: 11.74 min Scan# 1613  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

Tot Ion: 91 Resp: 70553  
Ion Ratio Lower Upper  
91 100  
106 32.6 26.3 39.5

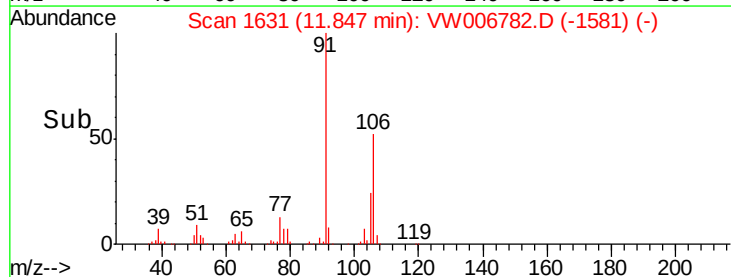
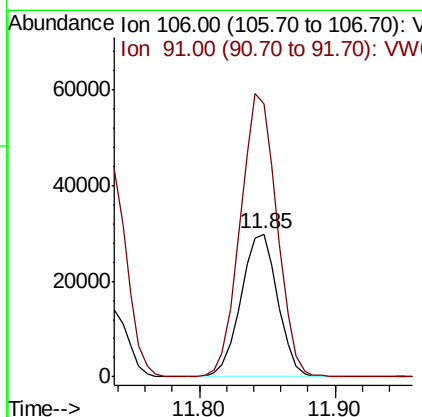
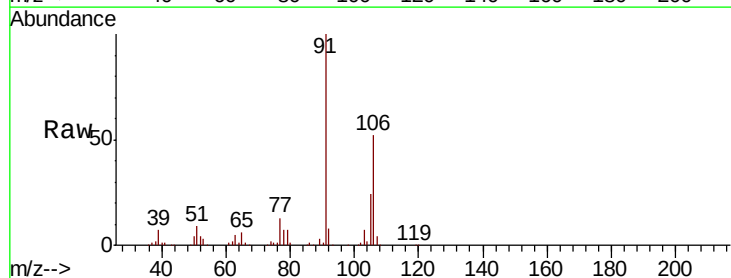
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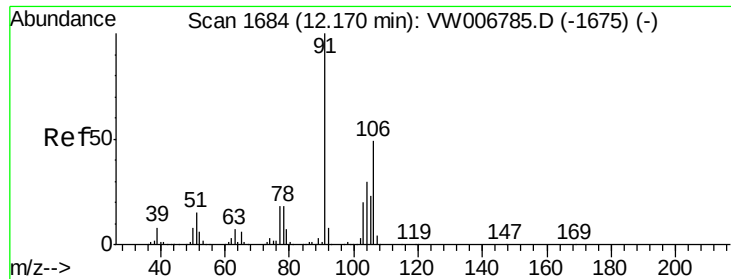
apatel  
11/12/2018 3:40:26 PM



#68  
m/p-Xylenes  
Concen: 9.761 ug/l  
RT: 11.85 min Scan# 1631  
Delta R.T. 0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Tgt Ion: 106 Resp: 56688  
Ion Ratio Lower Upper  
106 100  
91 195.8 155.3 232.9





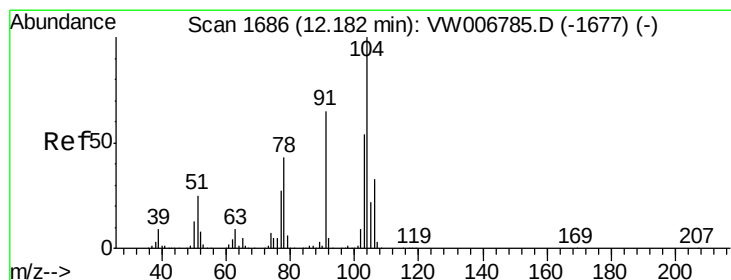
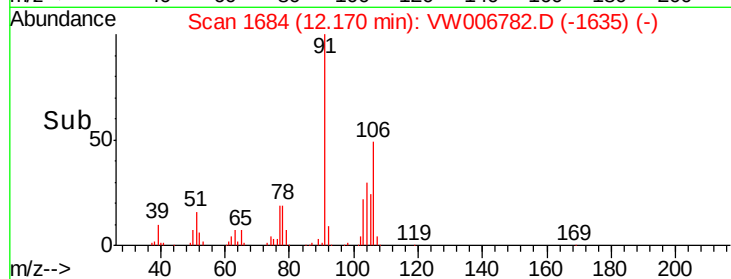
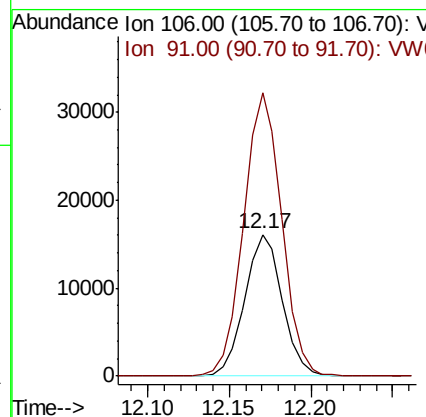
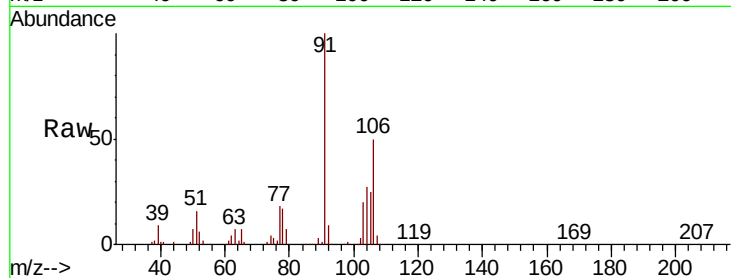
#69  
o-Xylene  
Concen: 4.639 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion   | 106   | Resp  | 25648 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 91        | 203.7 | 103.0 | 308.9 |

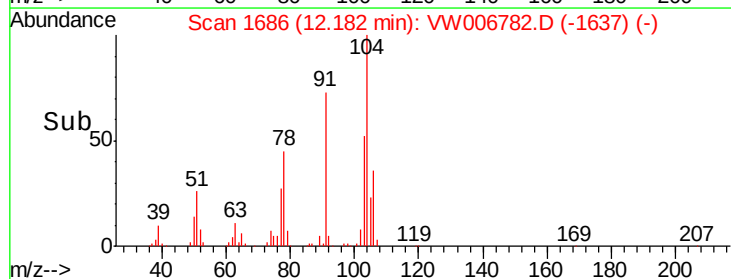
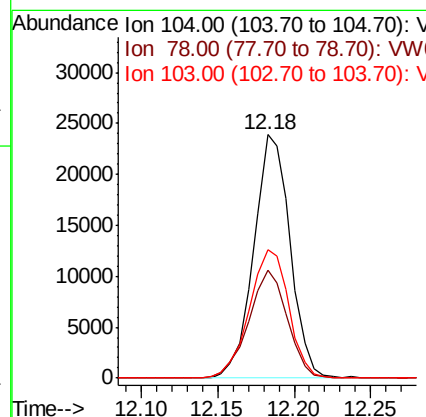
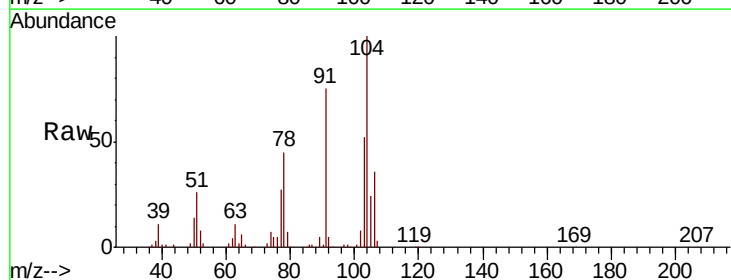
Manual Integrations  
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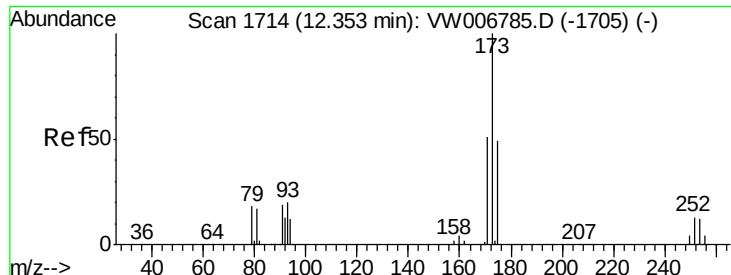
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11/12/2018 3:40:26 PM



#70  
Styrene  
Concen: 4.382 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion   | 104  | Resp  | 39504 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 78        | 47.2 | 37.1  | 55.7  |
| 103       | 57.2 | 44.4  | 66.6  |





#71

Bromoform

Concen: 4.294 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA\_W

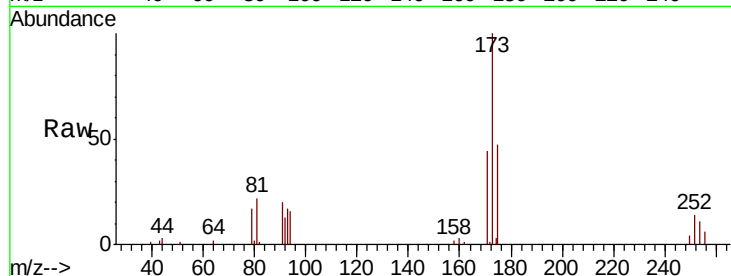
ClientSampleId :

VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.6  | 24.3  | 72.8  |
| 254     | 0.0   | 0.1   | 0.1#  |

Manual Integrations  
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apatel  
11/12/2018 3:40:26 PM

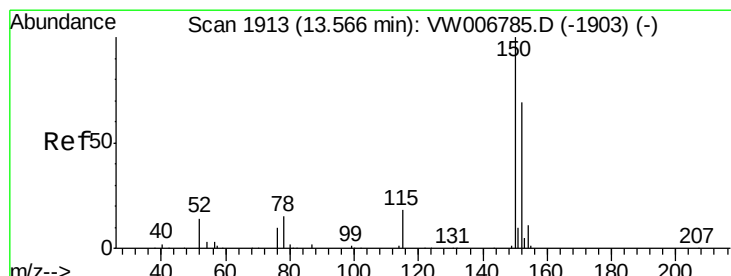
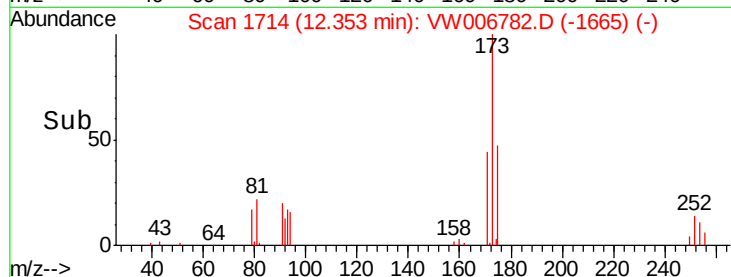
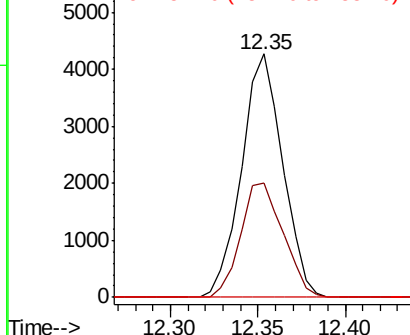


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

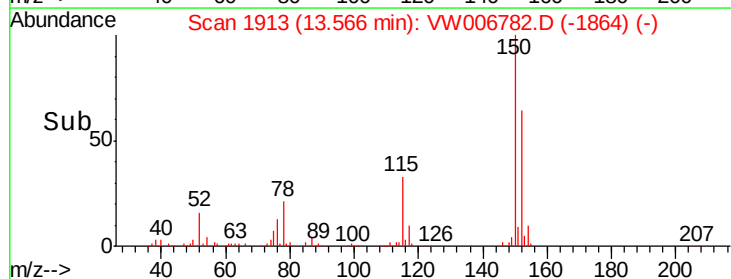
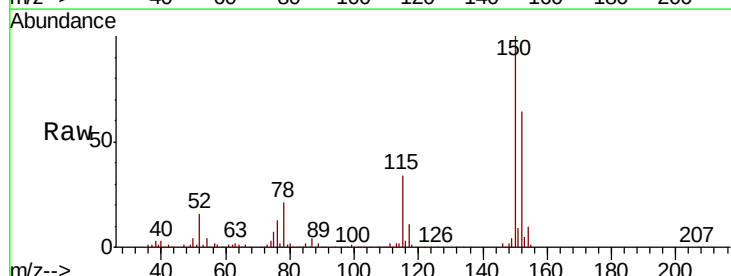
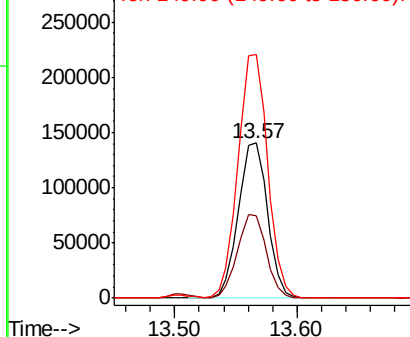
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 53.2  | 26.7  | 80.0  |
| 150     | 159.3 | 0.0   | 348.0 |

Abundance

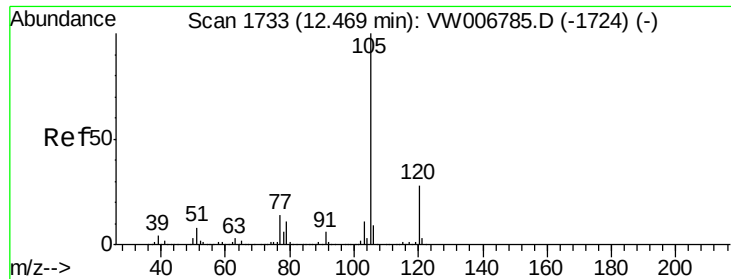
Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







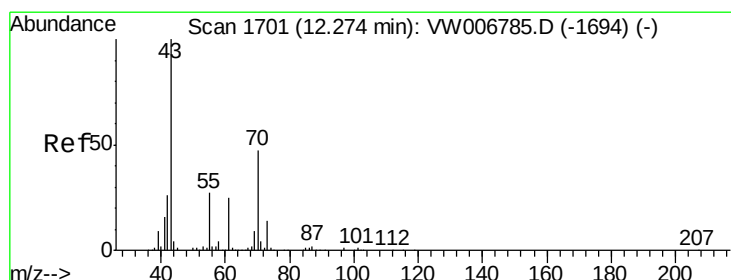
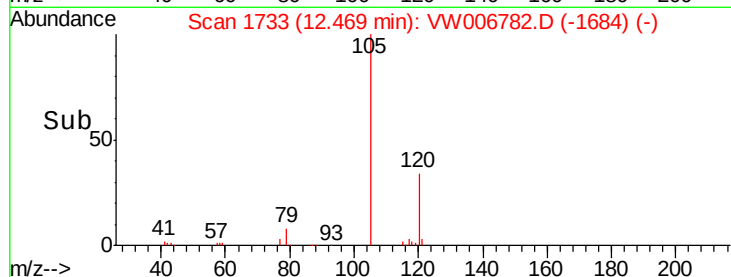
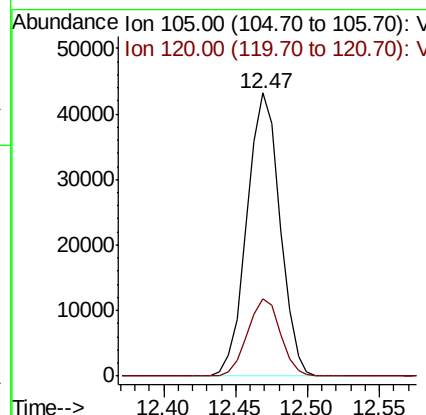
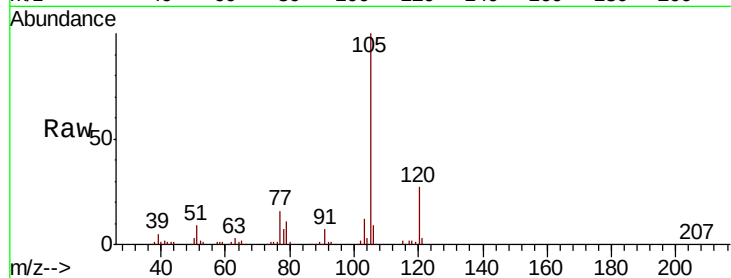
#73  
Isopropylbenzene  
Concen: 4.493 ug/l  
RT: 12.47 min Scan# 1733  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.3  | 13.9  | 41.6  |

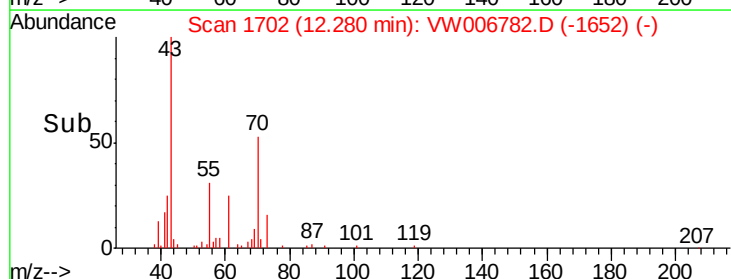
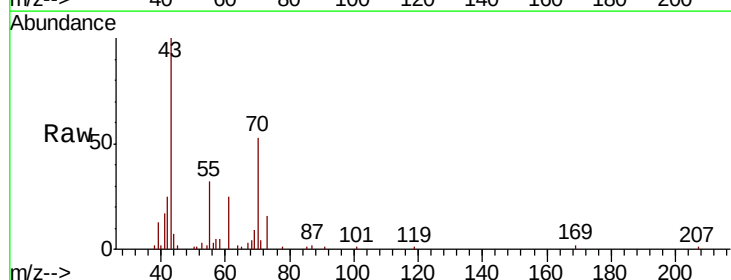
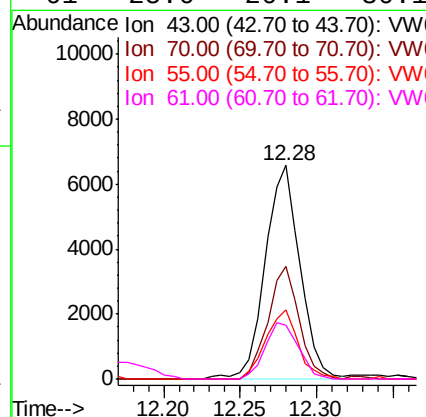
Manual Integrations  
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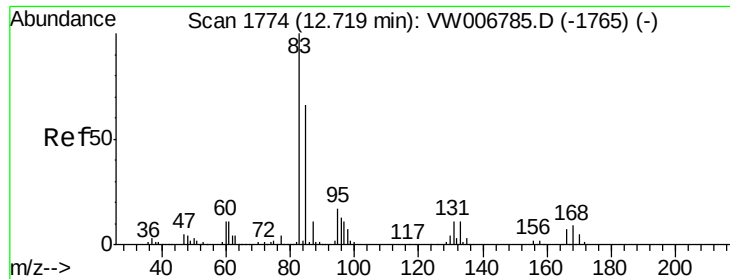
apatel  
11/12/2018 3:40:26 PM



#74  
N-ethyl acetate  
Concen: 3.931 ug/l  
RT: 12.28 min Scan# 1702  
Delta R.T. 0.01 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 47.3  | 38.3  | 57.5  |
| 55      | 30.6  | 22.3  | 33.5  |
| 61      | 25.6  | 20.1  | 30.1  |





#75

1,1,2,2-Tetrachloroethane

Concen: 4.360 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA\_W

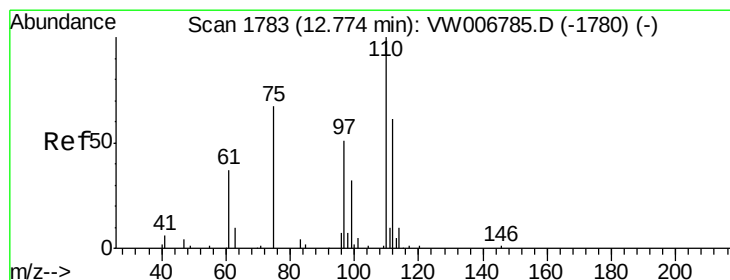
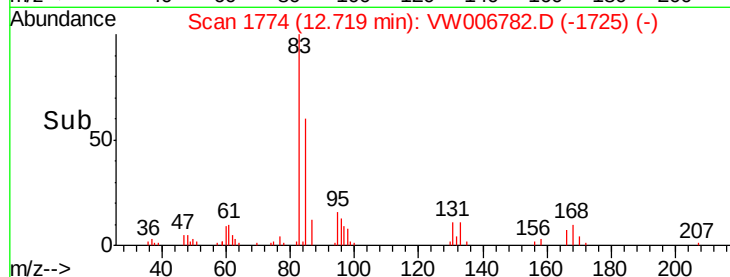
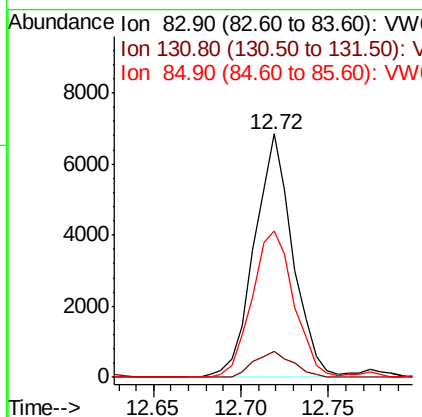
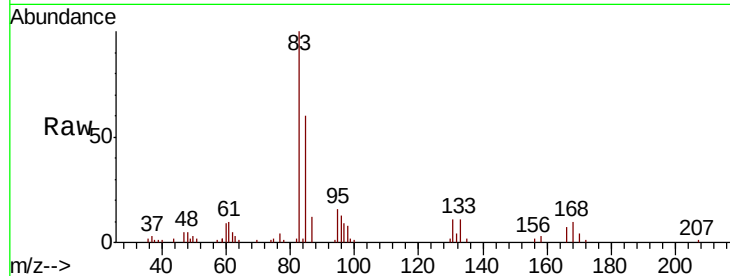
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 10520 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.8  | 6.0   | 18.0  |
| 85       | 65.6  | 32.3  | 96.8  |

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#76

1,2,3-Trichloropropane

Concen: 4.460 ug/l m

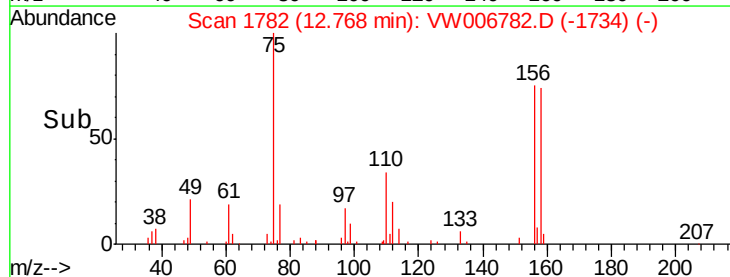
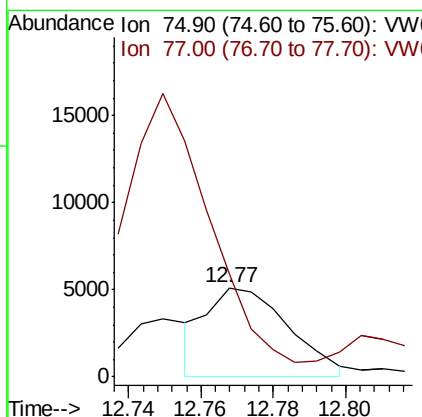
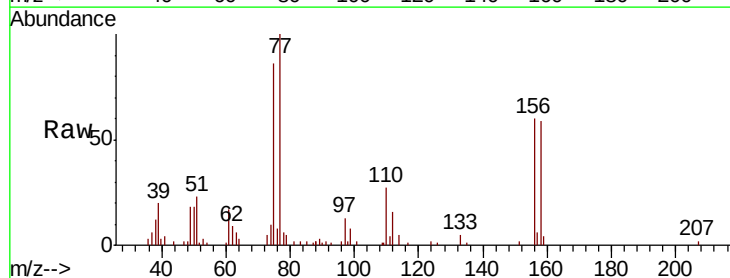
RT: 12.77 min Scan# 1782

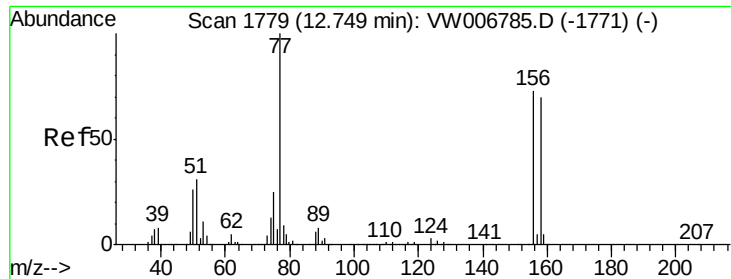
Delta R.T. -0.01 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 8069  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 350.3 | 0.0   | 0.0#  |





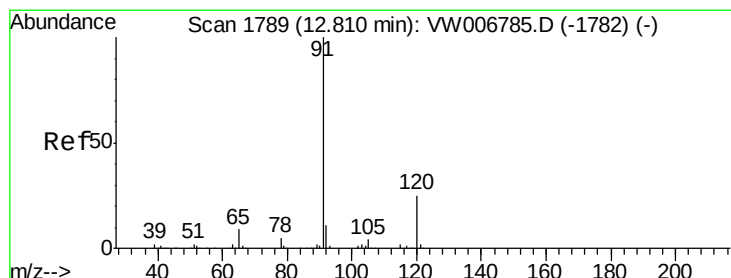
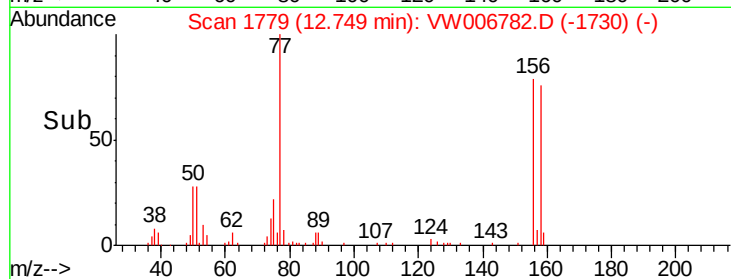
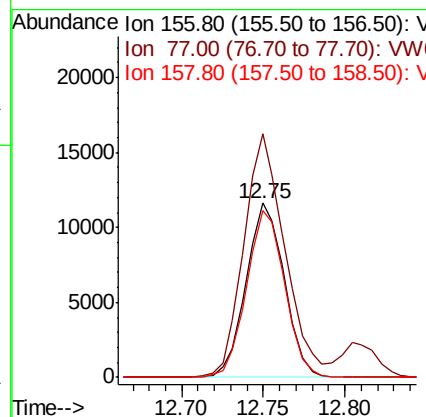
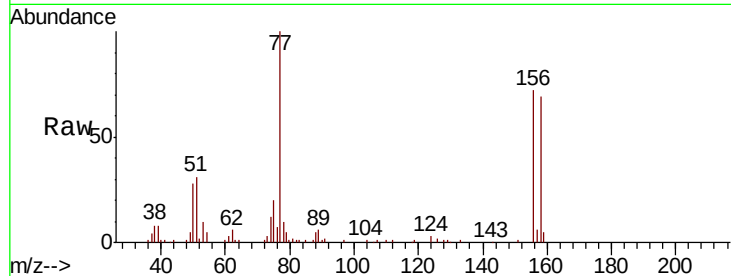
#77  
Bromobenzene  
Concen: 4.780 ug/l  
RT: 12.75 min Scan# 1779  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 149.5 | 75.4  | 226.3 |
| 158     | 95.4  | 48.7  | 146.1 |

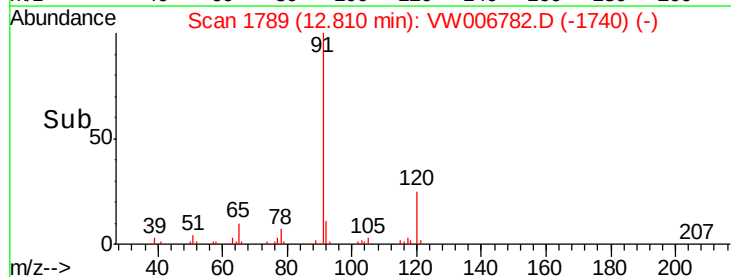
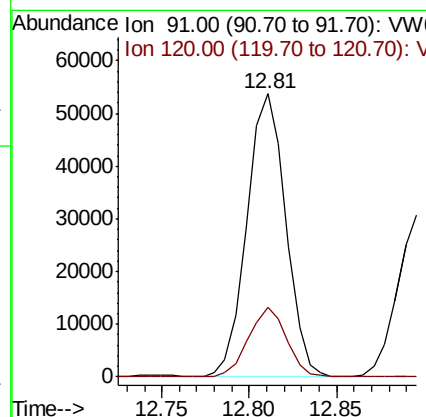
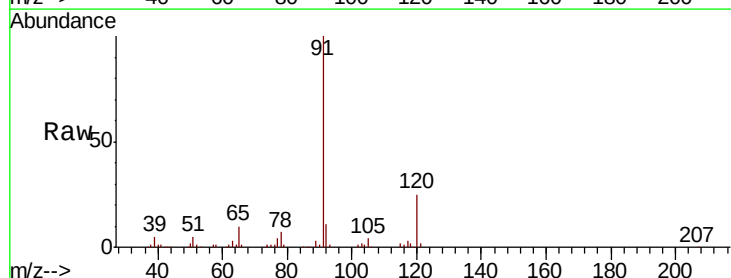
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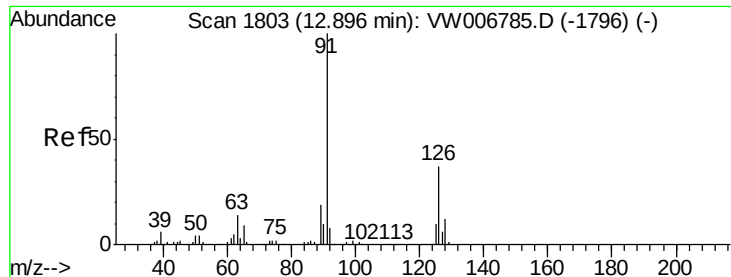
apatel  
11/12/2018 3:40:26 PM



#78  
n-propylbenzene  
Concen: 4.701 ug/l  
RT: 12.81 min Scan# 1789  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.1  | 12.4  | 37.0  |





#79

2-Chlorotoluene

Concen: 4.841 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 48815

Ion Ratio Lower Upper

91 100

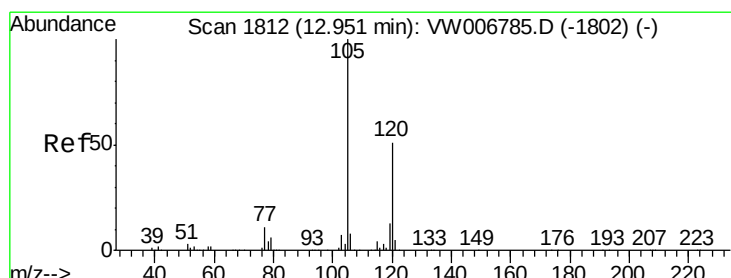
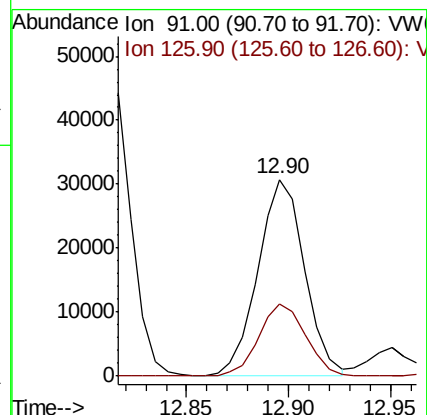
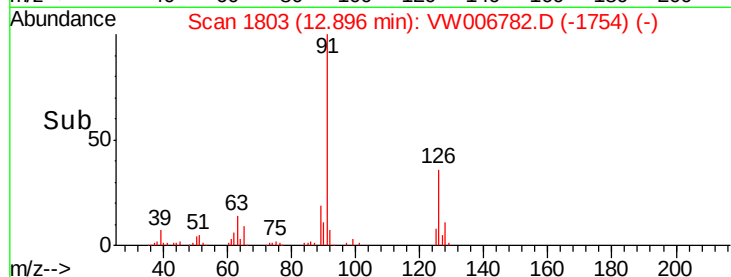
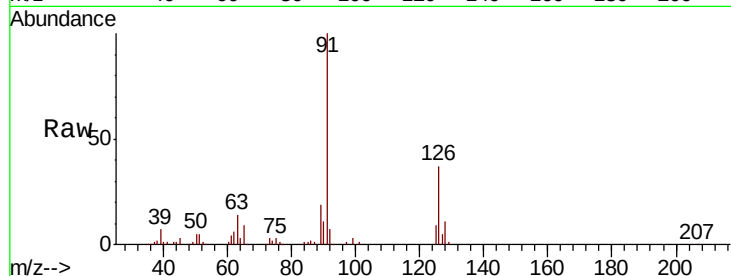
126 36.8 18.4 55.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 4.713 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006782.D

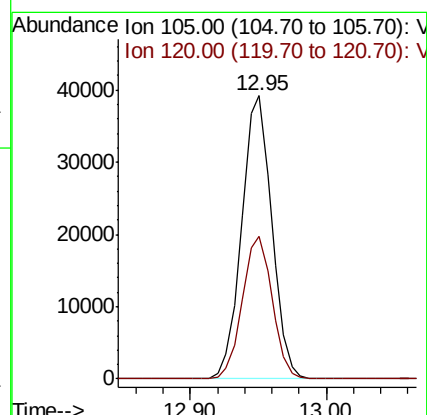
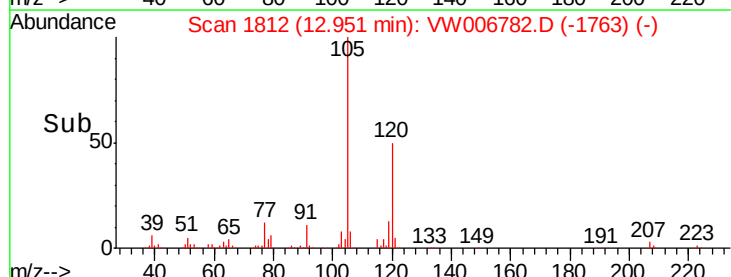
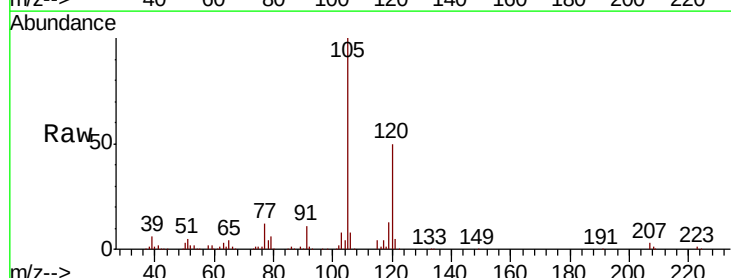
Acq: 09 Nov 2018 12:16

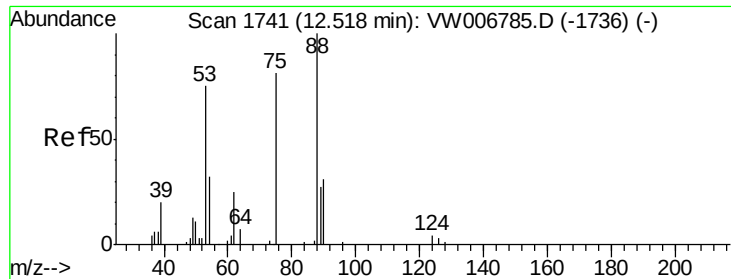
Tgt Ion:105 Resp: 60487

Ion Ratio Lower Upper

105 100

120 50.2 25.4 76.0





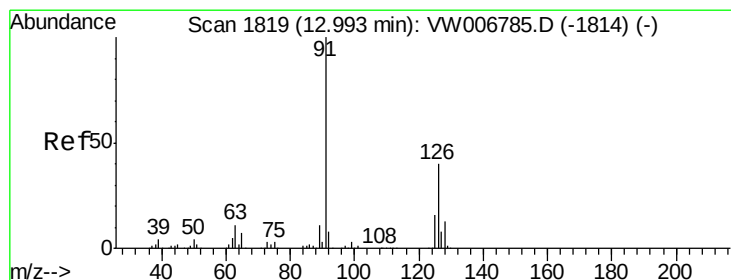
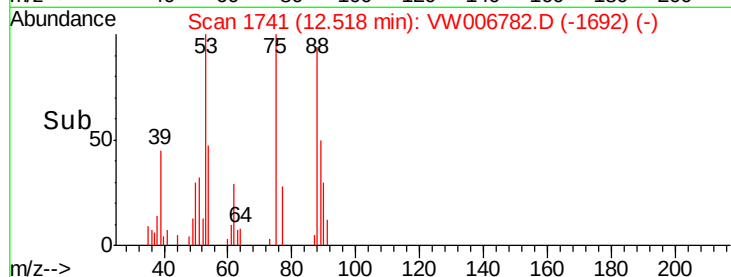
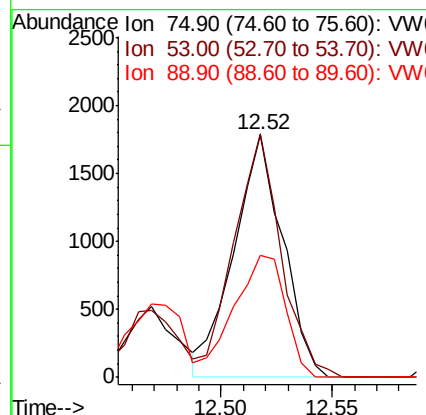
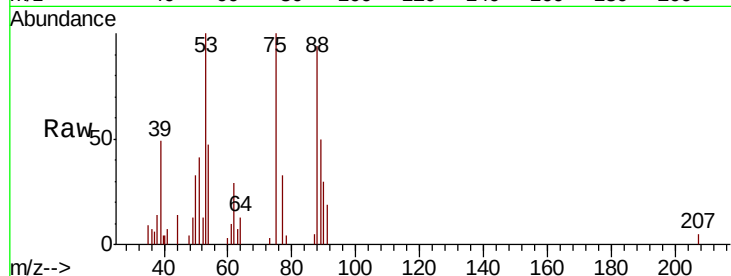
#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.380 ug/l  
RT: 12.52 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 97.0  | 74.0  | 111.0 |
| 89      | 53.1  | 38.1  | 57.1  |

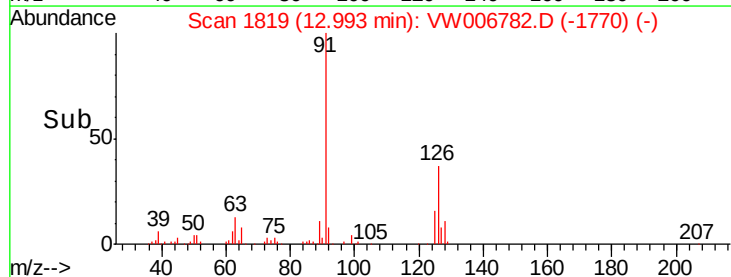
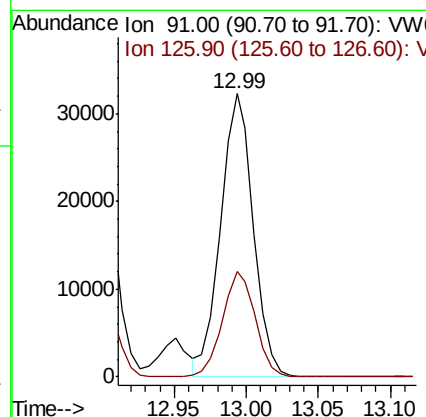
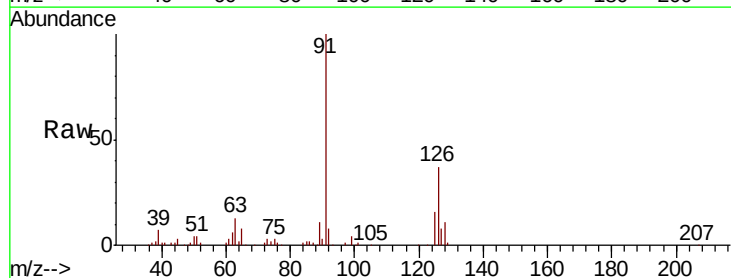
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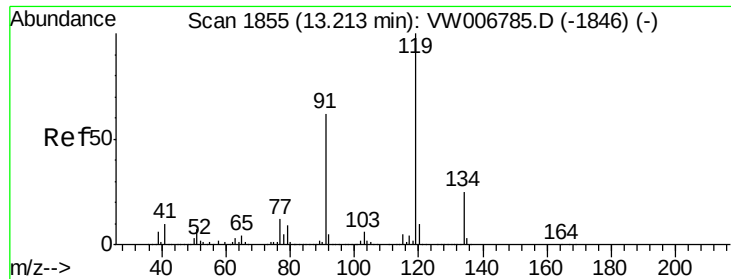
apatel  
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#82  
4-Chlorotoluene  
Concen: 4.798 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 37.6  | 18.6  | 55.6  |





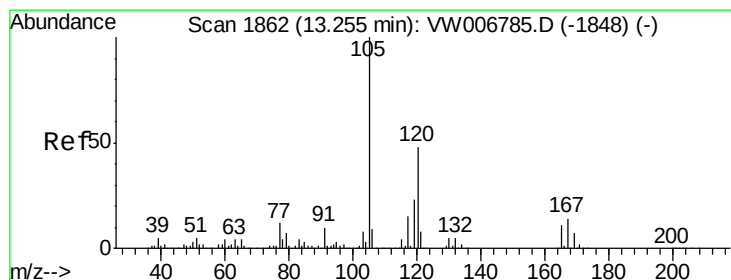
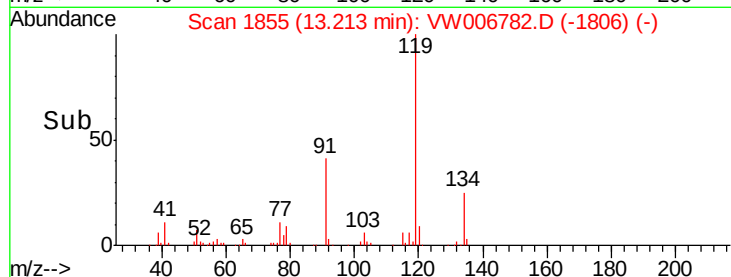
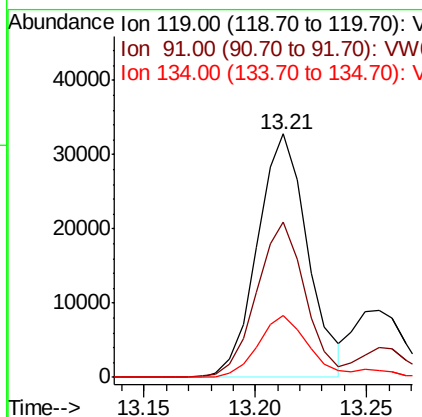
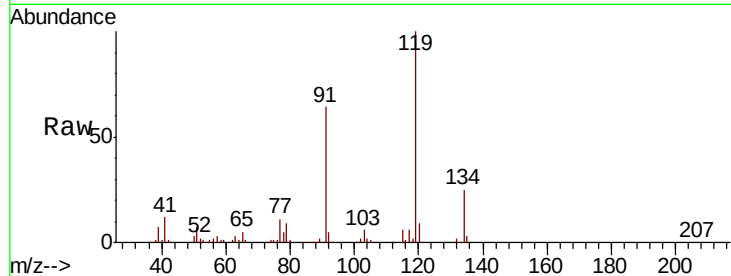
#83  
tert-Butylbenzene  
Concen: 4.494 ug/l  
RT: 13.21 min Scan# 1855  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 61.9  | 30.4  | 91.2  |
| 134     | 25.4  | 13.6  | 40.7  |

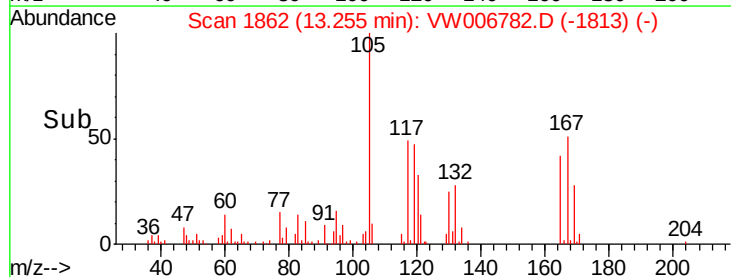
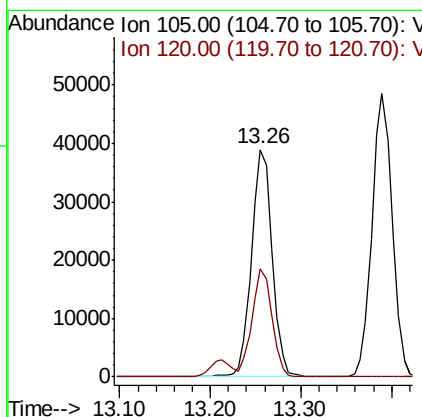
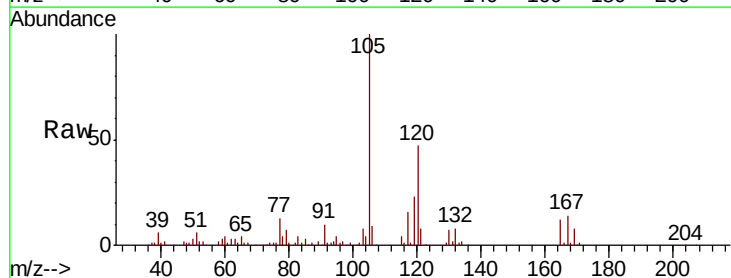
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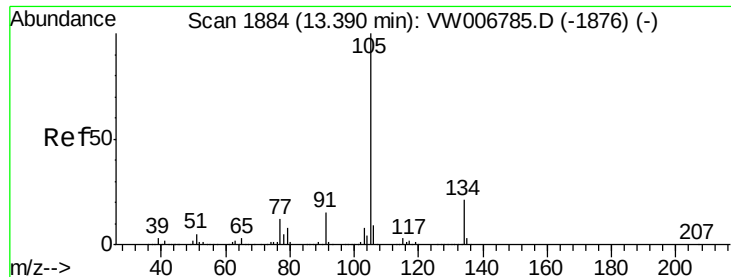
apatel  
11/12/2018 3:40:26 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 4.687 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.4  | 23.4  | 70.0  |





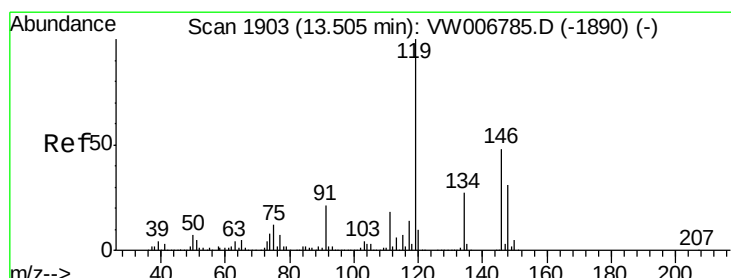
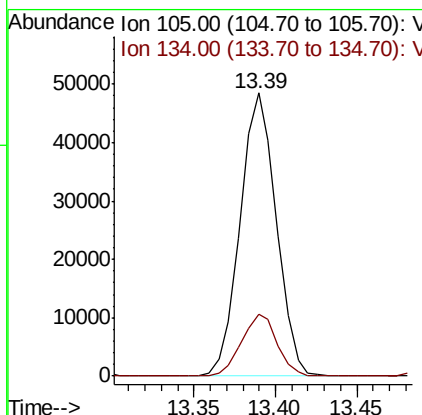
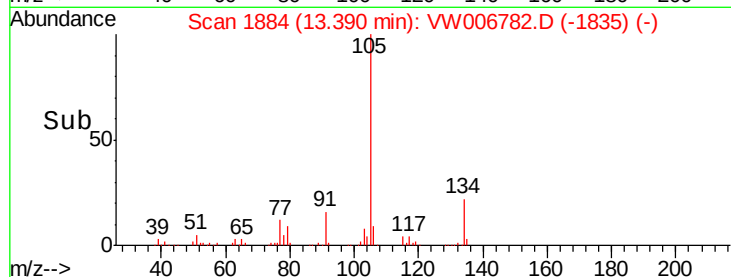
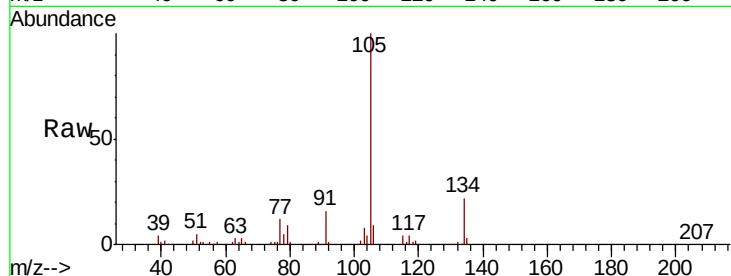
#85  
 sec-Butylbenzene  
 Concen: 4.669 ug/l  
 RT: 13.39 min Scan# 1884  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDIC005

Tot Ion:105 Resp: 74846  
 Ion Ratio Lower Upper  
 105 100  
 134 21.4 10.7 32.1

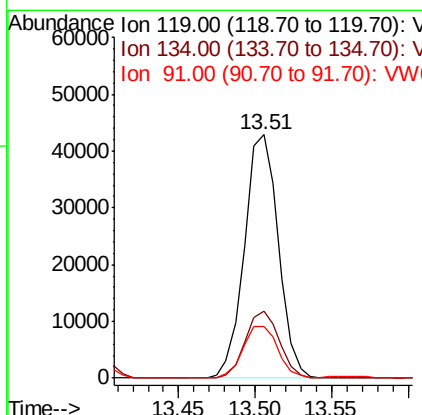
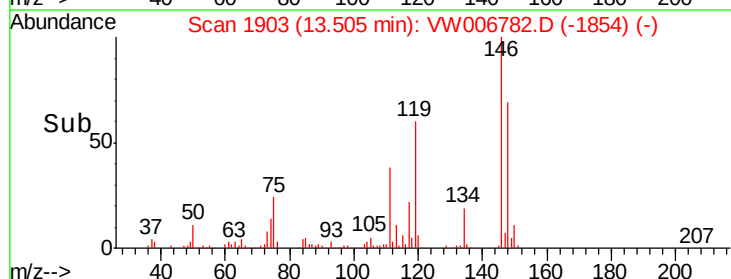
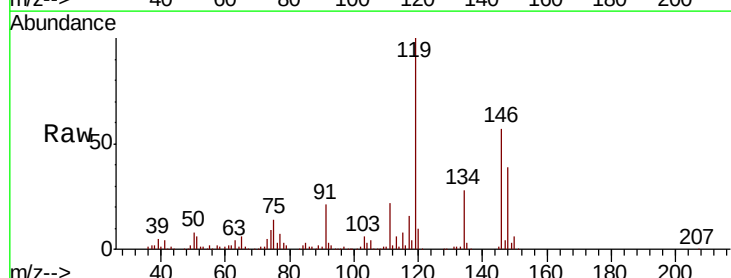
Manual Integrations  
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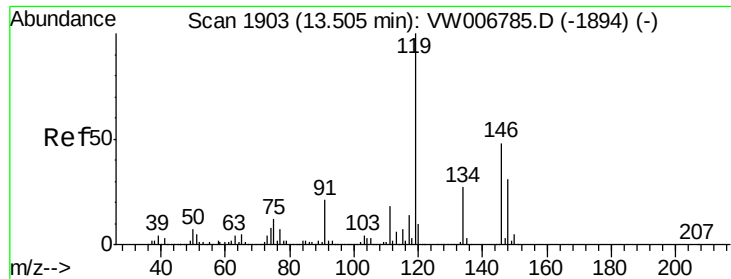
apatel  
 11/12/2018 3:40:26 PM



#86  
 p-Isopropyltoluene  
 Concen: 4.531 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

Tgt Ion:119 Resp: 66090  
 Ion Ratio Lower Upper  
 119 100  
 134 27.5 13.6 40.7  
 91 22.4 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 5.088 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006782.D

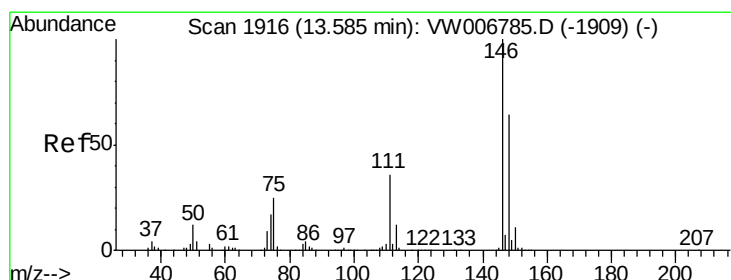
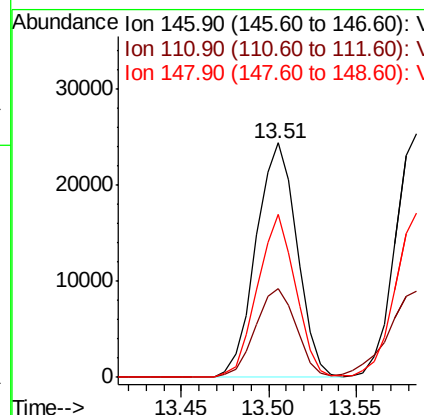
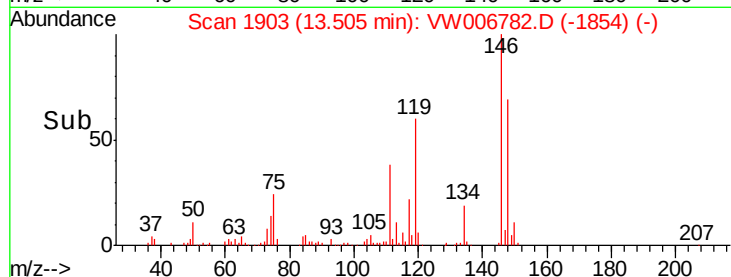
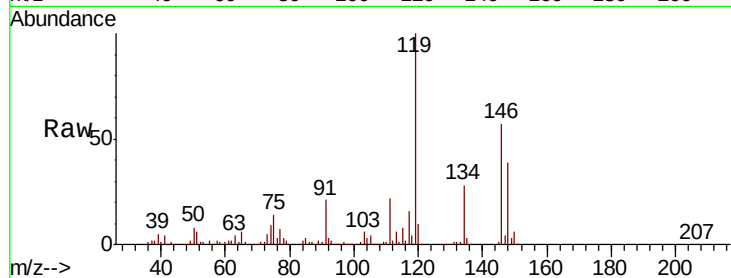
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.8  | 18.4  | 55.0  |
| 148     | 64.8  | 31.9  | 95.9  |

Manual Integrations  
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apatel  
11/12/2018 3:40:26 PM



#88

1,4-Dichlorobenzene

Concen: 5.226 ug/l

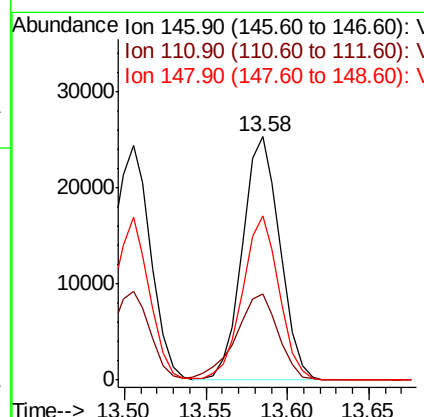
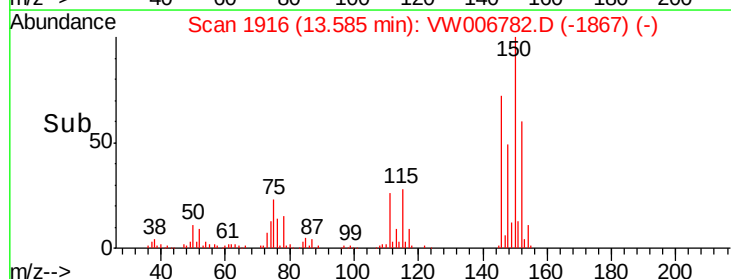
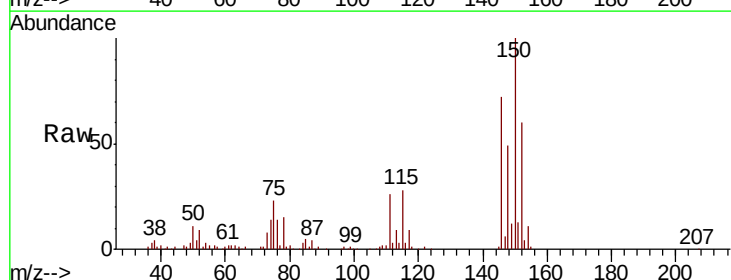
RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

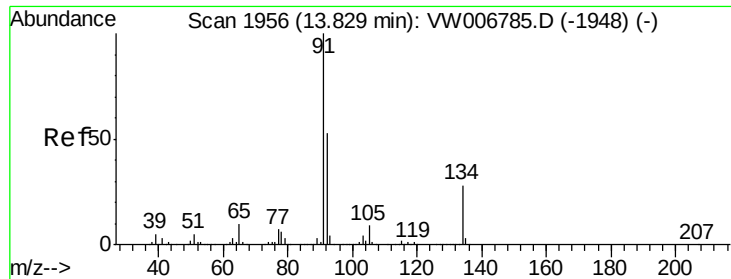
Lab File: VW006782.D

Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 18.1  | 54.1  |
| 148     | 66.2  | 32.2  | 96.6  |







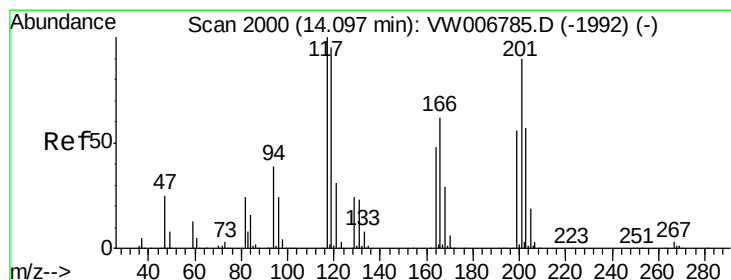
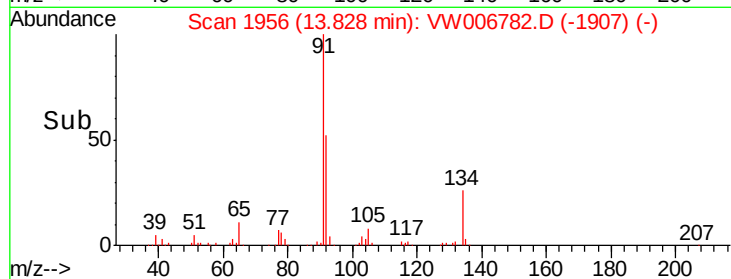
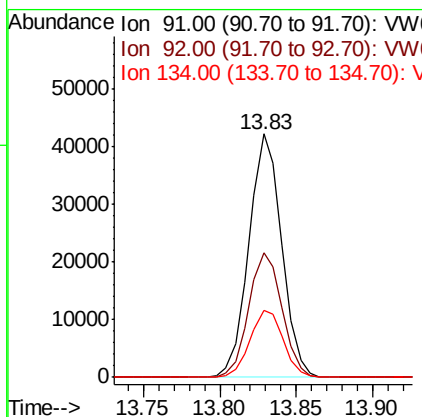
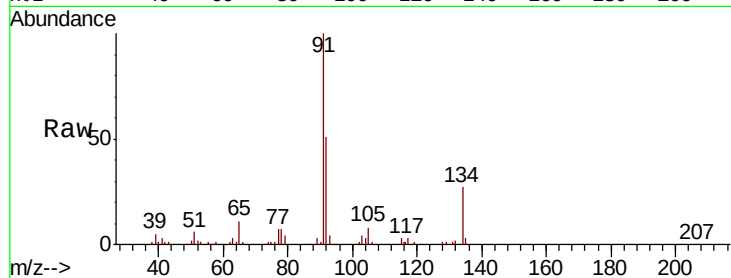
#89  
n-Butylbenzene  
Concen: 4.860 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.0  | 26.1  | 78.2  |
| 134     | 28.0  | 14.2  | 42.8  |

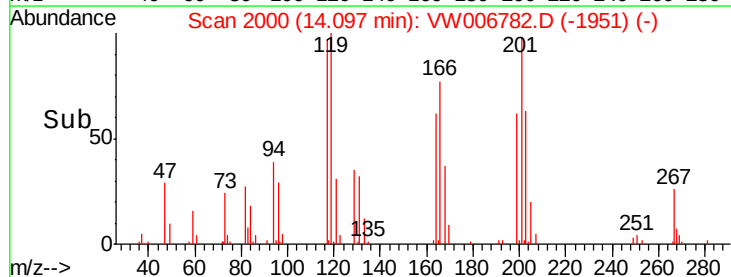
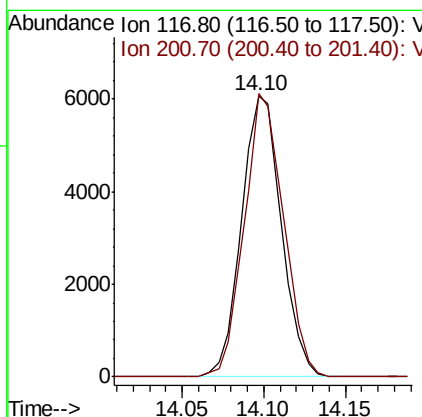
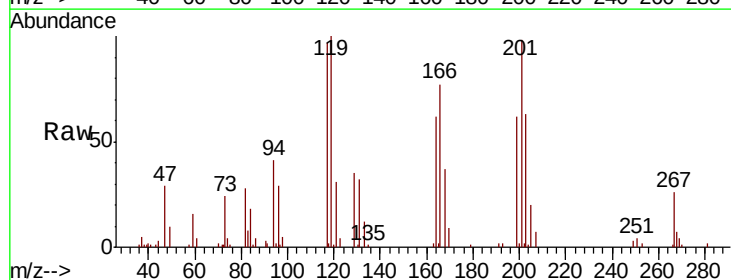
Manual Integrations  
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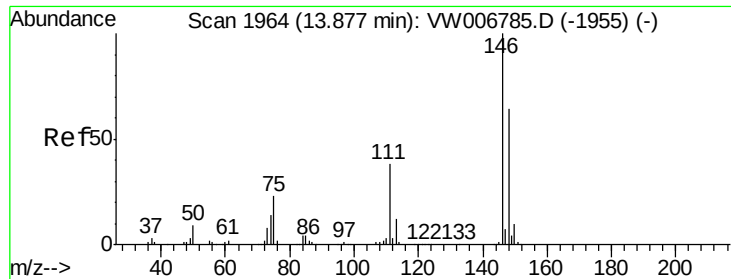
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#90  
Hexachloroethane  
Concen: 4.295 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 99.4  | 47.0  | 141.2 |





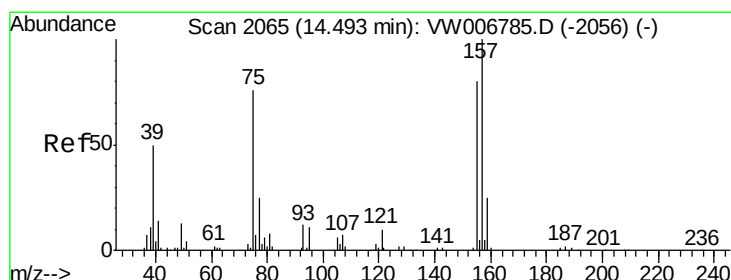
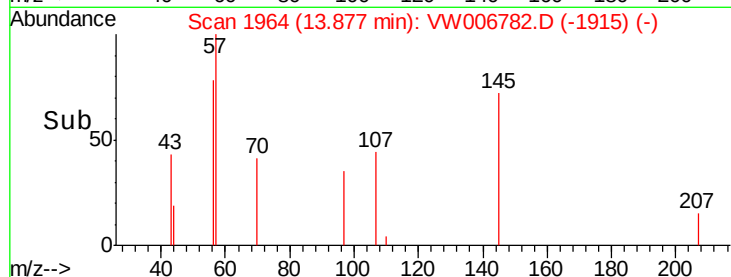
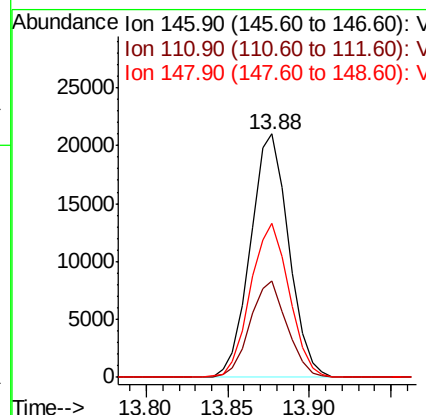
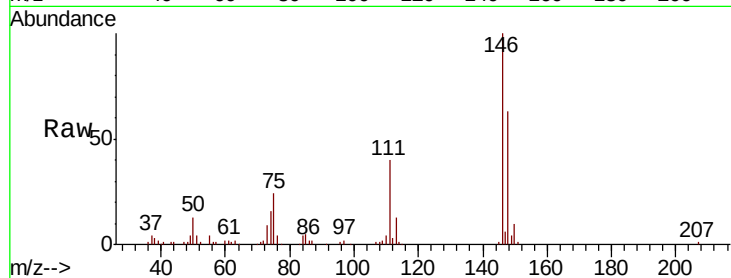
#91  
 1,2-Dichlorobenzene  
 Concen: 4.891 ug/l  
 RT: 13.88 min Scan# 1964  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.4  | 19.1  | 57.3  |
| 148     | 64.0  | 32.0  | 96.2  |

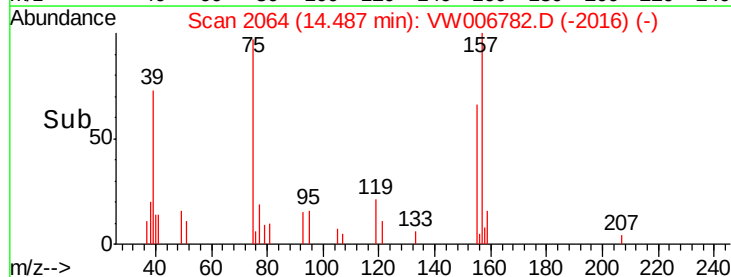
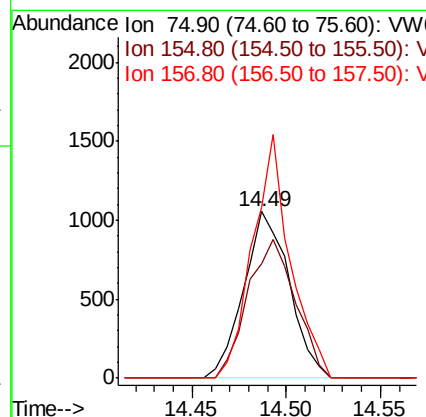
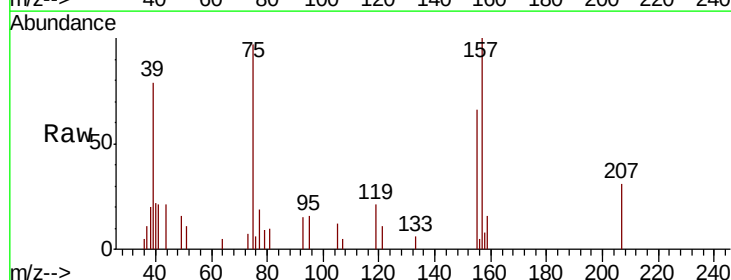
Manual Integrations  
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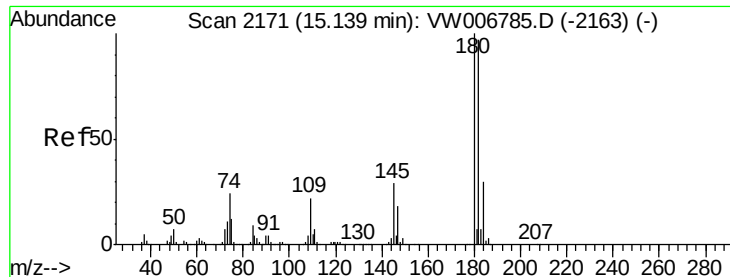
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.524 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.01 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 86.6  | 51.0  | 153.1 |
| 157     | 120.6 | 65.5  | 196.5 |





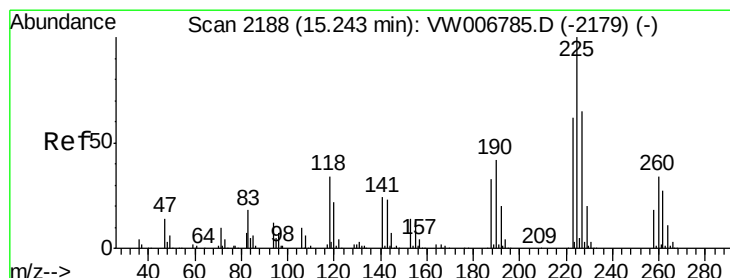
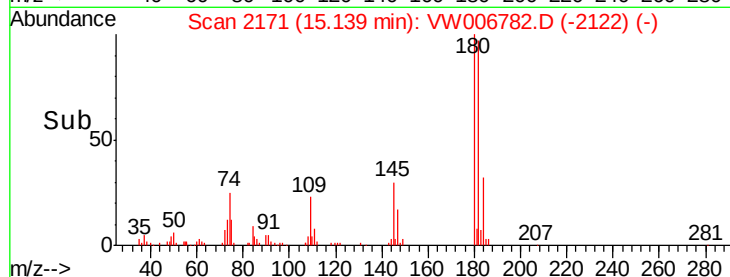
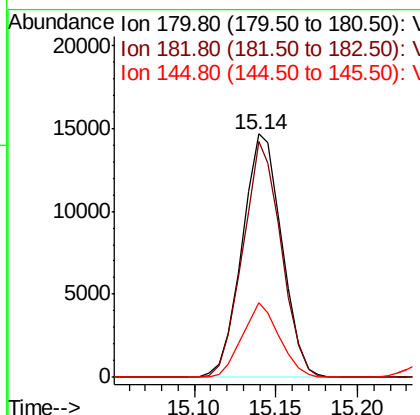
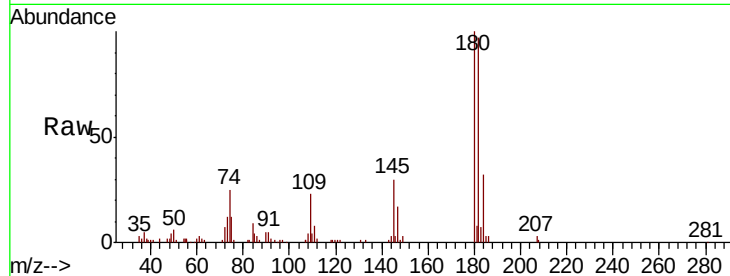
#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.750 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.5  | 47.9  | 143.8 |
| 145     | 28.4  | 14.1  | 42.3  |

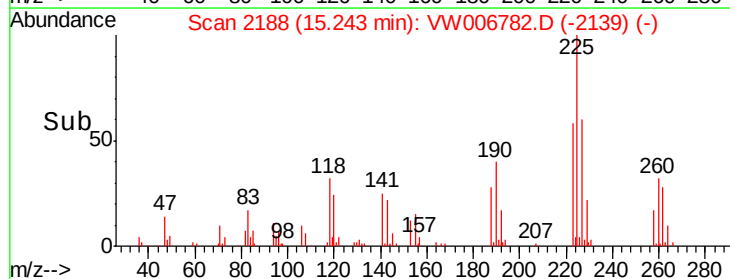
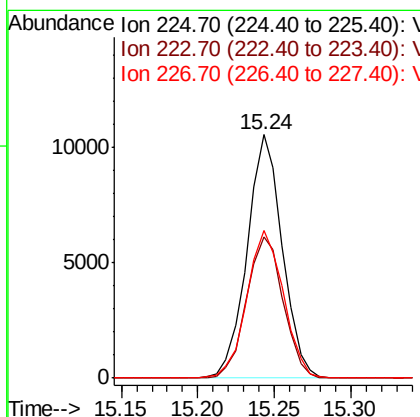
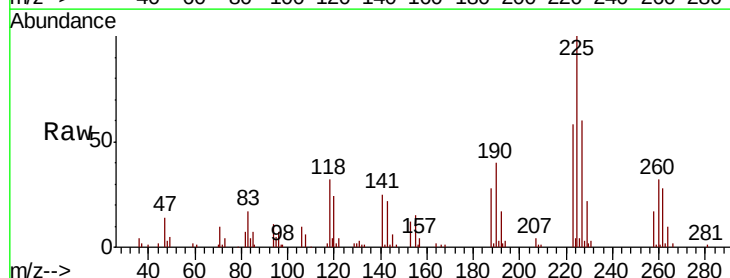
Manual Integrations  
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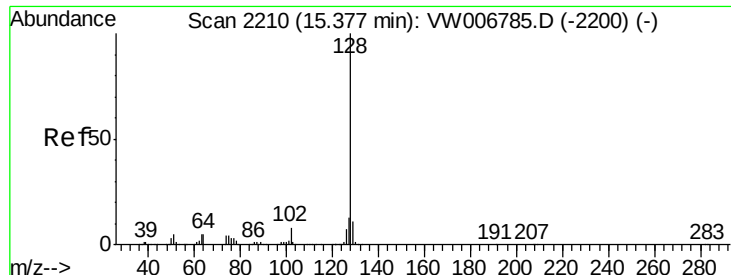
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#94  
 Hexachlorobutadiene  
 Concen: 5.208 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. -0.00 min  
 Lab File: VW006782.D  
 Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.2  | 30.9  | 92.5  |
| 227     | 63.1  | 31.9  | 95.7  |





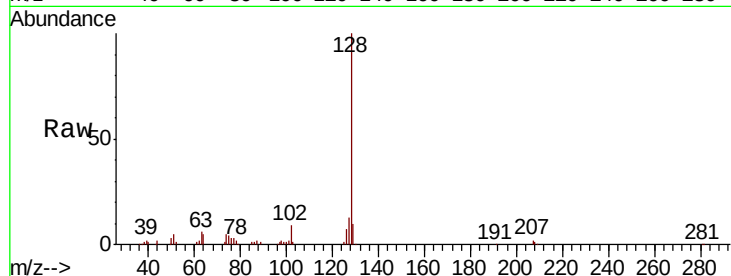
#95  
Naphthalene  
Concen: 3.832 ug/l  
RT: 15.38 min Scan# 2210  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 32083 |       |       |
| 127     | 13.0  |       | 10.6  | 15.8  |
| 129     | 10.8  |       | 8.8   | 13.2  |

Manual Integrations  
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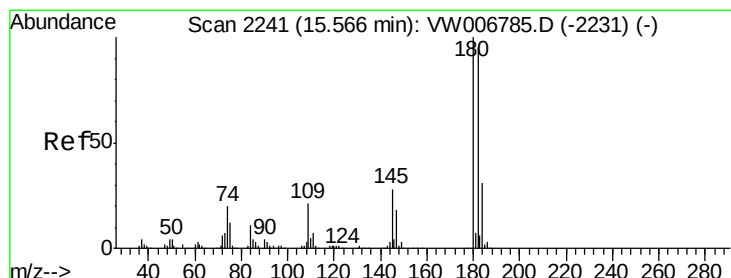
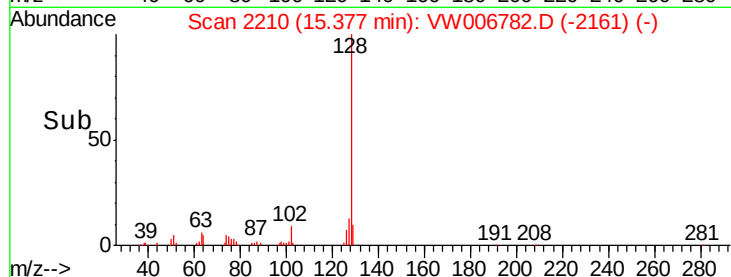
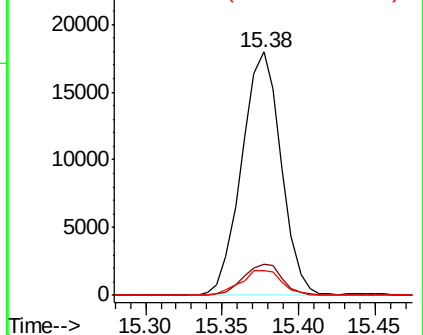


Abundance

Ion 128.00 (127.70 to 128.70): V

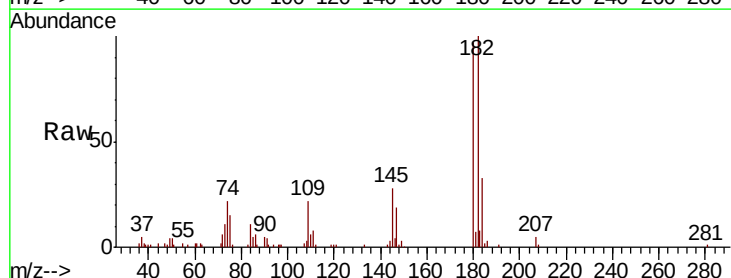
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 4.639 ug/l  
RT: 15.57 min Scan# 2241  
Delta R.T. -0.00 min  
Lab File: VW006782.D  
Acq: 09 Nov 2018 12:16

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 21239 |       |       |
| 182     | 97.5  |       | 47.8  | 143.4 |
| 145     | 28.6  |       | 14.5  | 43.6  |



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

