

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101118\  
 Data File : VW006001.D  
 Acq On : 10 Oct 2018 22:32  
 Operator : SY/AP  
 Sample : VW1011SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1011SBS01

Manual Integrations  
 APPROVED

apatel  
 10/11/2018 2:21:12 PM

Quant Time: Oct 11 05:58:25 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W100818S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 09 02:14:04 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 215295   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 324525   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 299713   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 164749   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 104003   | 49.76 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.52%  |          |
| 35) Dibromofluoromethane    | 7.89  | 113  | 104455   | 50.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.82% |          |
| 50) Toluene-d8              | 10.33 | 98   | 401749   | 50.40 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.80% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 147502   | 48.63 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.26%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85   | 20814    | 19.728  | ug/l  | 93     |
| 3) Chloromethane              | 2.21 | 50   | 26435    | 21.301  | ug/l  | 98     |
| 4) Vinyl Chloride             | 2.37 | 62   | 40587    | 20.601  | ug/l  | 96     |
| 5) Bromomethane               | 2.78 | 94   | 39814    | 25.605  | ug/l  | 97     |
| 6) Chloroethane               | 2.93 | 64   | 29894    | 23.815  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 3.25 | 101  | 30453    | 19.472  | ug/l  | 98     |
| 8) Diethyl Ether              | 3.68 | 74   | 21032    | 21.852  | ug/l  | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101  | 37309    | 18.904  | ug/l  | 99     |
| 10) Methyl Iodide             | 4.27 | 142  | 63630    | 19.714  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 5.22 | 59   | 13824    | 90.250  | ug/l  | 96     |
| 12) 1,1-Dichloroethene        | 4.04 | 96   | 36006    | 18.998  | ug/l  | 96     |
| 13) Acrolein                  | 3.89 | 56   | 12486    | 91.473  | ug/l  | 94     |
| 14) Allyl chloride            | 4.66 | 41   | 51012    | 15.783  | ug/l  | 95     |
| 15) Acrylonitrile             | 5.37 | 53   | 42230    | 100.818 | ug/l  | 100    |
| 16) Acetone                   | 4.14 | 43   | 35435    | 84.881  | ug/l  | 96     |
| 17) Carbon Disulfide          | 4.38 | 76   | 91944    | 16.047  | ug/l  | 98     |
| 18) Methyl Acetate            | 4.68 | 43   | 19185    | 18.211  | ug/l  | 96     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73   | 60275    | 20.442  | ug/l  | 98     |
| 20) Methylene Chloride        | 4.91 | 84   | 59361    | 28.381  | ug/l  | 95     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96   | 40853    | 19.777  | ug/l  | 99     |
| 22) Diisopropyl ether         | 6.31 | 45   | 111467   | 18.449  | ug/l  | 98     |
| 23) Vinyl Acetate             | 6.26 | 43   | 340433   | 91.546  | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 6.21 | 63   | 70467    | 19.059  | ug/l  | 99     |
| 25) 2-Butanone                | 7.18 | 43   | 56164    | 94.588  | ug/l  | 97     |
| 26) 2,2-Dichloropropane       | 7.17 | 77   | 41694    | 16.023  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96   | 47600    | 20.376  | ug/l  | 94     |
| 28) Bromochloromethane        | 7.51 | 49   | 27448    | 20.112  | ug/l  | 90     |
| 29) Tetrahydrofuran           | 7.54 | 42   | 36912    | 98.339  | ug/l  | 98     |
| 30) Chloroform                | 7.68 | 83   | 76635    | 20.179  | ug/l  | 96     |
| 31) Cyclohexane               | 7.95 | 56   | 62273    | 17.019  | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97   | 62802    | 18.569  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 8.08 | 75   | 58092    | 18.682  | ug/l  | 99     |
| 37) Ethyl Acetate             | 7.26 | 43   | 25610    | 19.448  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117  | 59071    | 17.681  | ug/l  | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101118\  
 Data File : VW006001.D  
 Acq On : 10 Oct 2018 22:32  
 Operator : SY/AP  
 Sample : VW1011SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1011SBS01

Manual Integrations  
 APPROVED

apatel  
 10/11/2018 2:21:12 PM

Quant Time: Oct 11 05:58:25 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W100818S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 09 02:14:04 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 73243    | 17.858  | ug/l   | 97       |
| 40) Benzene                    | 8.32  | 78   | 164860   | 19.371  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 14258    | 17.295  | ug/l   | 91       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 49772    | 19.357  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 50321    | 18.294  | ug/l   | 97       |
| 44) Trichloroethene            | 9.09  | 130  | 49444    | 20.023  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 40730    | 19.119  | ug/l   | 98       |
| 46) Dibromomethane             | 9.46  | 93   | 23429    | 20.010  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.65  | 83   | 54416    | 18.469  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.44  | 41   | 23642    | 18.042  | ug/l   | 91       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 7855     | 441.670 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 129422   | 96.619  | ug/l   | 97       |
| 52) Toluene                    | 10.39 | 92   | 108834   | 19.465  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 51754    | 16.808  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 61071    | 17.645  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 33819    | 20.854  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 42186    | 19.300  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 56250    | 20.618  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 89071    | 100.150 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 88504    | 92.149  | ug/l   | 95       |
| 60) Dibromochloromethane       | 11.13 | 129  | 38639    | 18.463  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 33683    | 20.785  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 45845    | 20.535  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.66 | 112  | 129434   | 20.161  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 44238    | 18.799  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 216068   | 19.054  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.84 | 106  | 170486   | 38.472  | ug/l   | 98       |
| 69) o-Xylene                   | 12.17 | 106  | 82365    | 19.414  | ug/l   | 98       |
| 70) Styrene                    | 12.18 | 104  | 135623   | 19.267  | ug/l   | 98       |
| 71) Bromoform                  | 12.35 | 173  | 24376    | 17.390  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.47 | 105  | 226156   | 18.796  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.28 | 43   | 50271    | 17.593  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 39021    | 19.787  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 29981m   | 20.372  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 57565    | 20.194  | ug/l   | 95       |
| 78) n-propylbenzene            | 12.81 | 91   | 264877   | 18.714  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 150530   | 18.840  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 190469   | 18.751  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 9815     | 14.080  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 159773   | 19.007  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 172081   | 19.047  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 197421   | 19.267  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.39 | 105  | 241967   | 19.080  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 217121   | 19.038  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 113548   | 20.050  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 111693   | 19.847  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 200287   | 18.631  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.10 | 117  | 34874    | 16.259  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 103280   | 20.541  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 6578     | 17.898  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101118\  
Data File : VW006001.D  
Acq On : 10 Oct 2018 22:32  
Operator : SY/AP  
Sample : VW1011SBS01  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

Manual Integrations  
APPROVED

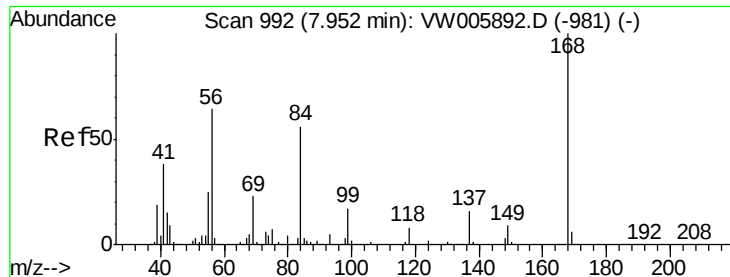
apatel  
10/11/2018 2:21:12 PM

Quant Time: Oct 11 05:58:25 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W100818S.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 09 02:14:04 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 77252    | 19.816 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 45053    | 18.514 | ug/l  | 100      |
| 95) Naphthalene            | 15.38 | 128  | 140775   | 20.949 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 69152    | 20.486 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

ClientSampleId :

VW1011SBS01

Tot Ion:168 Resp: 215295

Ion Ratio Lower Upper

168 100

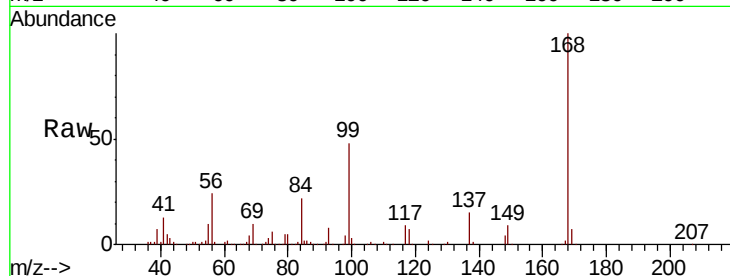
99 47.8 40.9 61.3

Manual Integrations

APPROVED

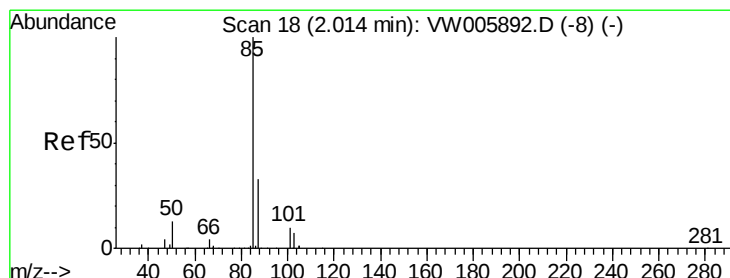
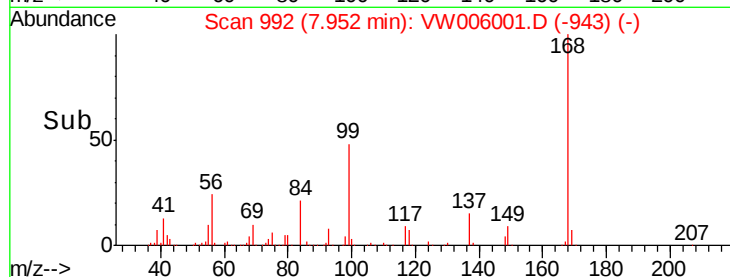
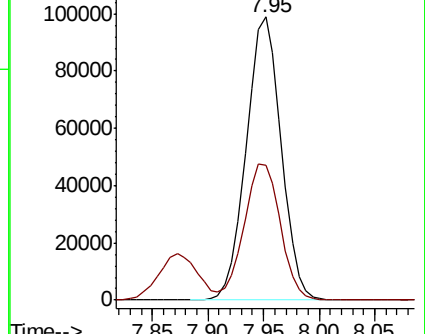
apatel

10/11/2018 2:21:12 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.728 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006001.D

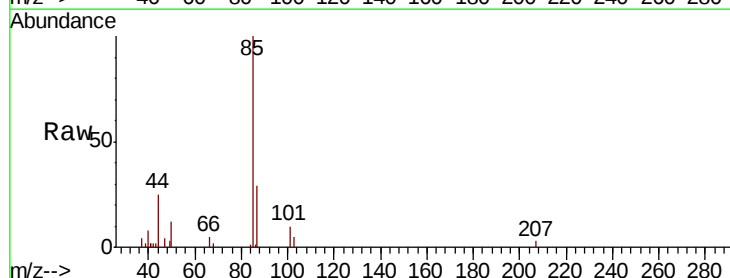
Acq: 10 Oct 2018 22:32

Tgt Ion: 85 Resp: 20814

Ion Ratio Lower Upper

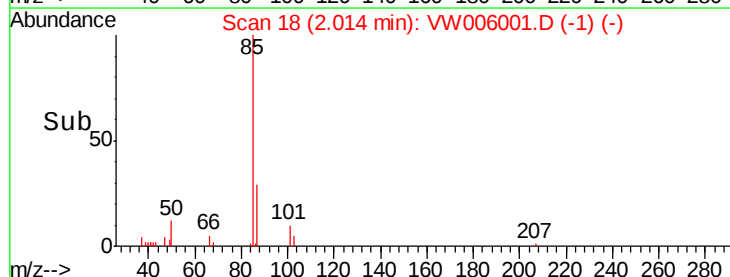
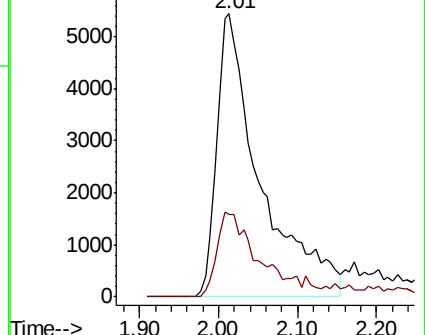
85 100

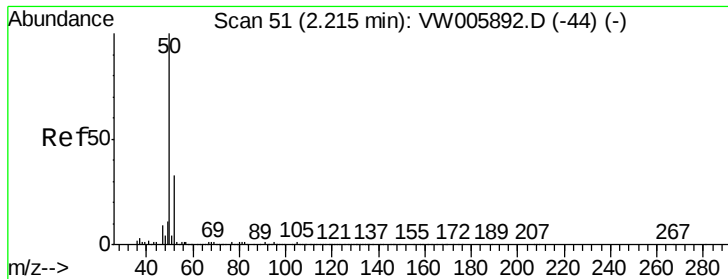
87 29.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.301 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

ClientSampleId :

VW1011SBS01

Tot Ion: 50 Resp: 26435

Ion Ratio Lower Upper

50 100

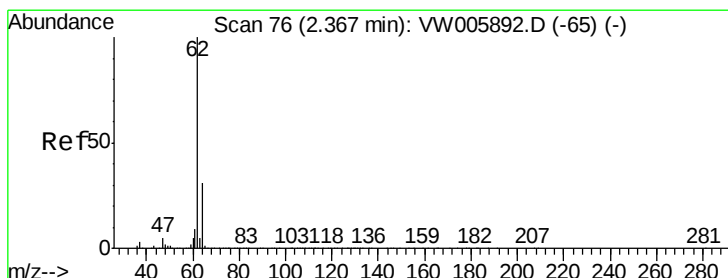
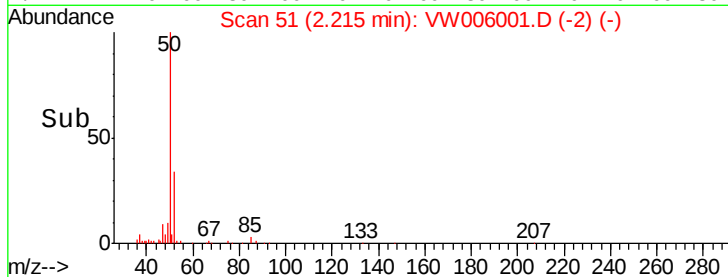
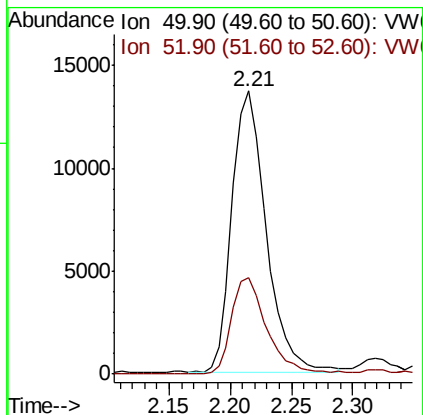
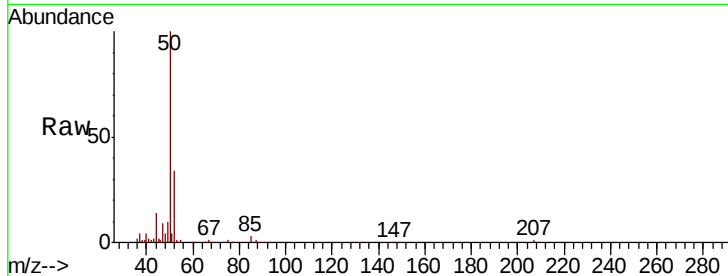
52 34.3 26.7 40.1

Manual Integrations

APPROVED

apatel

10/11/2018 2:21:12 PM



#4

Vinyl Chloride

Concen: 20.601 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW006001.D

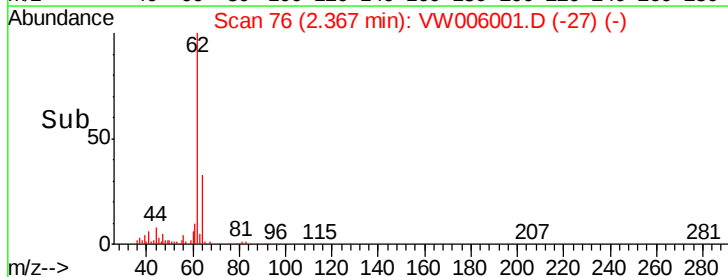
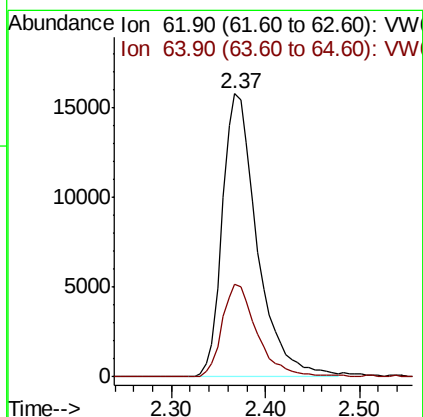
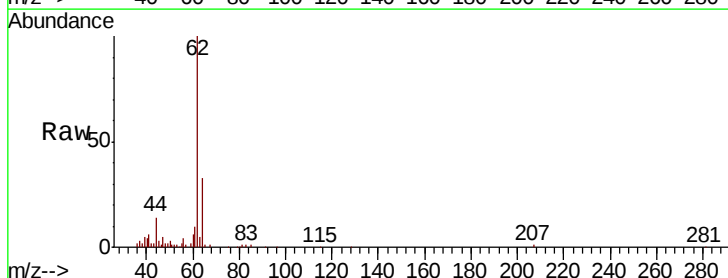
Acq: 10 Oct 2018 22:32

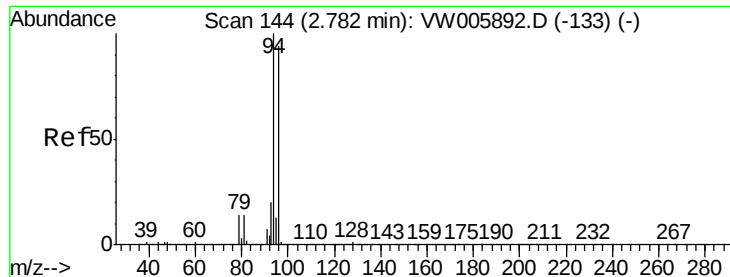
Tgt Ion: 62 Resp: 40587

Ion Ratio Lower Upper

62 100

64 32.9 24.6 36.8





#5

Bromomethane

Concen: 25.605 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

ClientSampleId :

VW1011SBS01

Tot Ion: 94 Resp: 39814

Ion Ratio Lower Upper

94 100

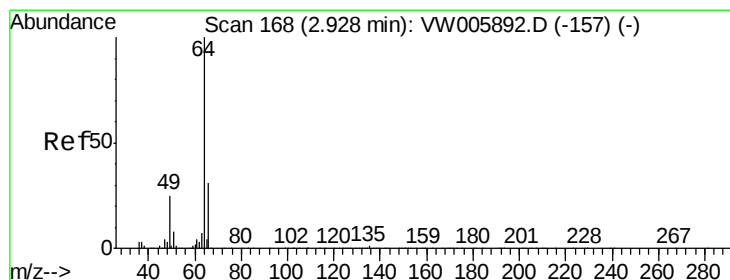
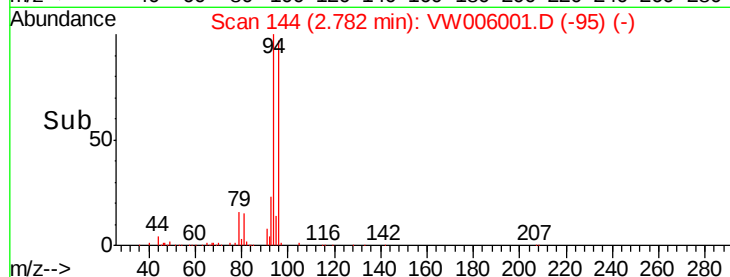
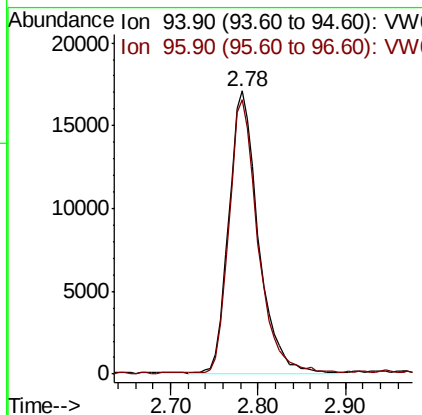
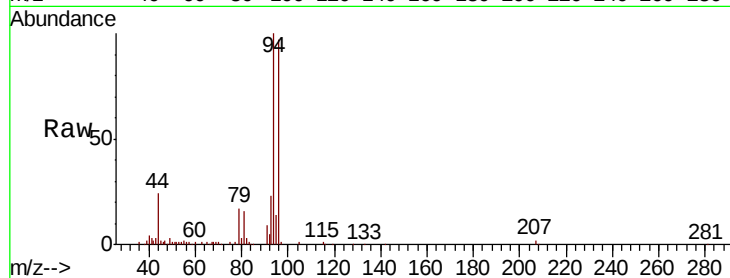
96 96.8 75.0 112.4

Manual Integrations

APPROVED

apatel

10/11/2018 2:21:12 PM



#6

Chloroethane

Concen: 23.815 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006001.D

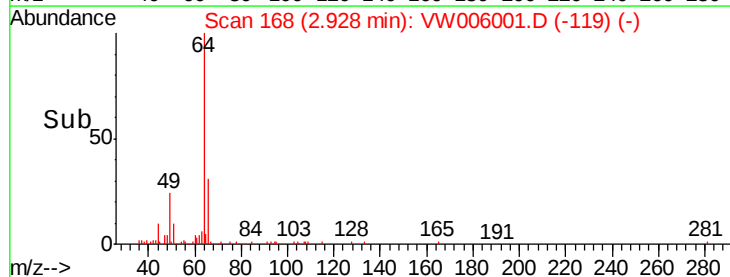
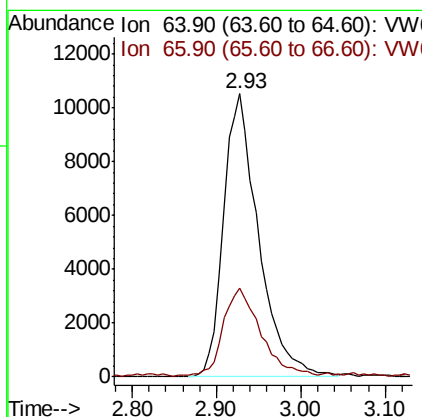
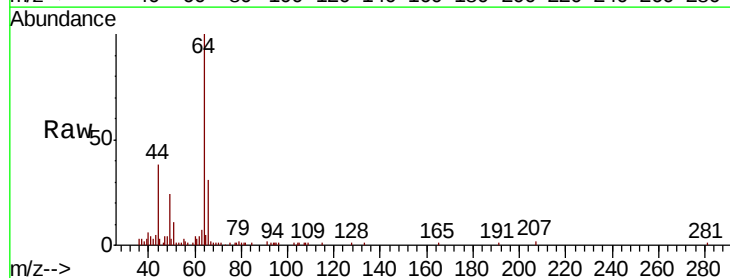
Acq: 10 Oct 2018 22:32

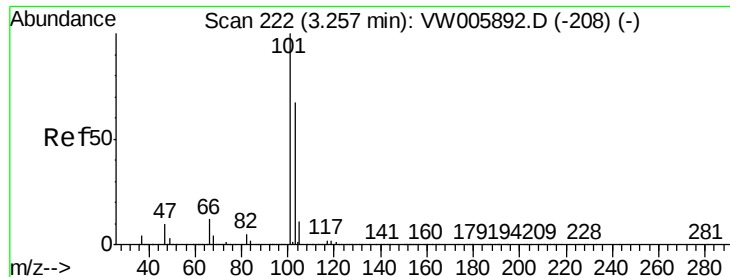
Tgt Ion: 64 Resp: 29894

Ion Ratio Lower Upper

64 100

66 30.4 25.0 37.4





#7

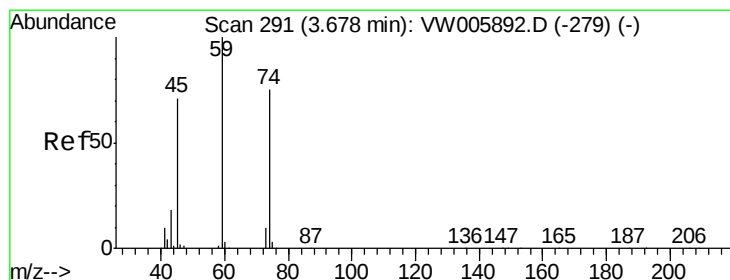
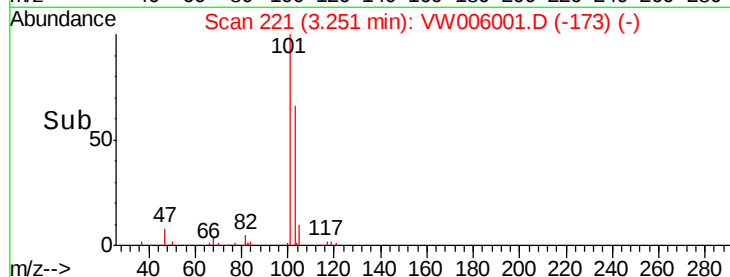
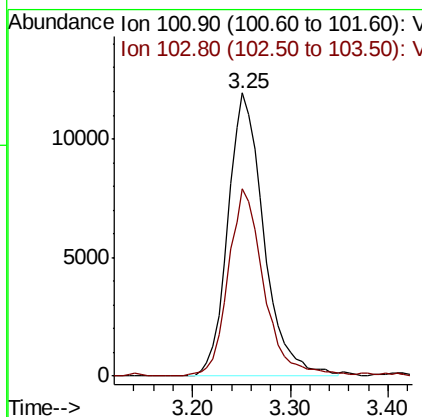
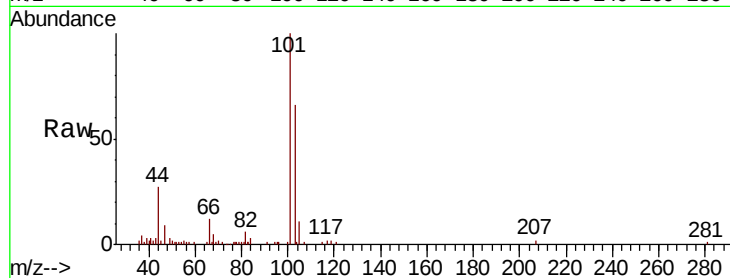
Trichlorofluoromethane  
Concen: 19.472 ug/l  
RT: 3.25 min Scan# 221  
Delta R.T. -0.01 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.4  | 53.5  | 80.3  |

Manual Integrations  
APPROVED

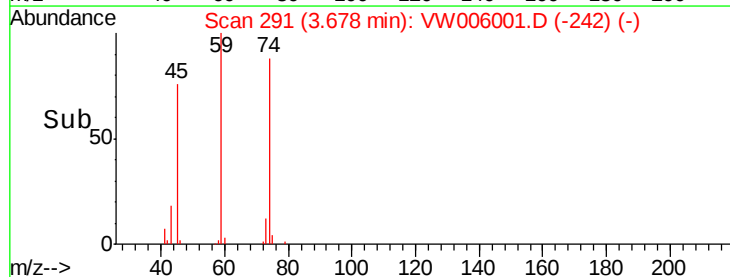
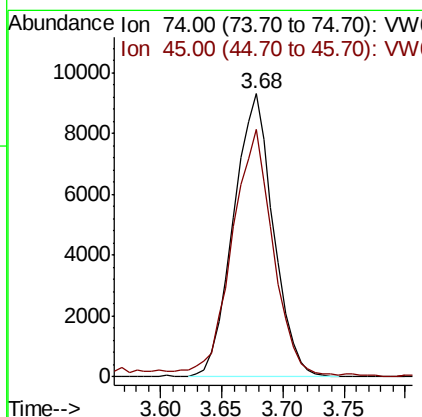
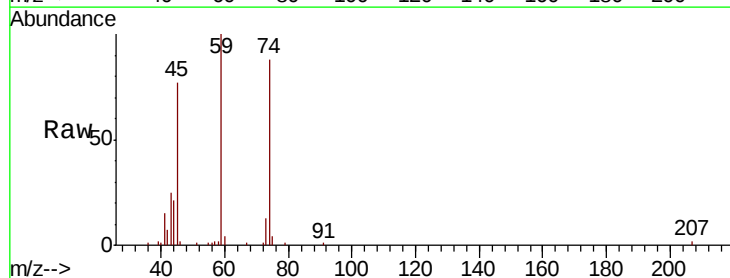
apatel  
10/11/2018 2:21:12 PM

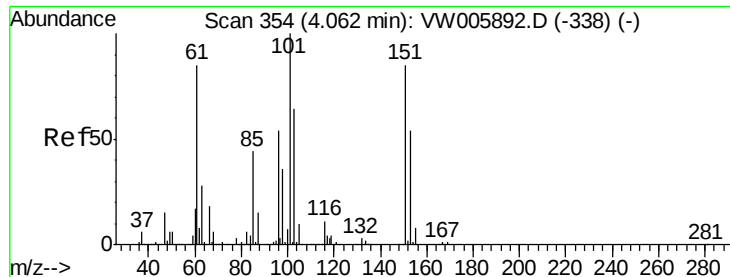


#8

Diethyl Ether  
Concen: 21.852 ug/l  
RT: 3.68 min Scan# 291  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 87.5  | 46.8  | 140.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.904 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

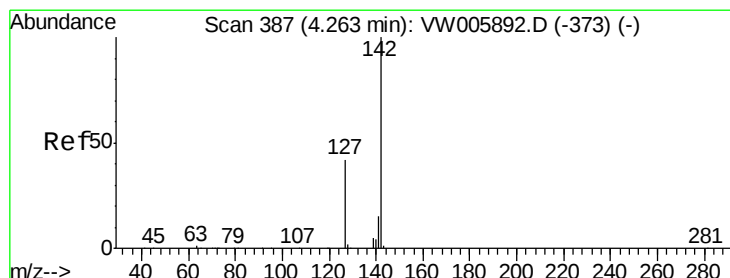
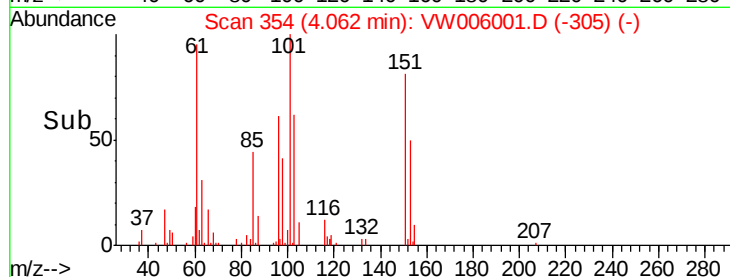
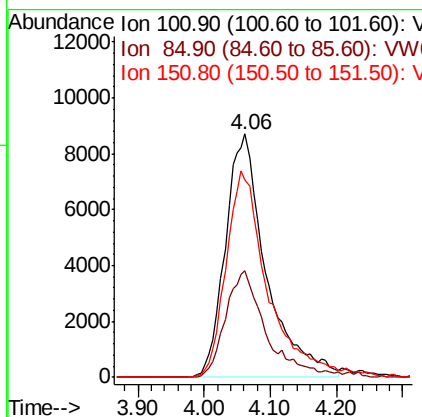
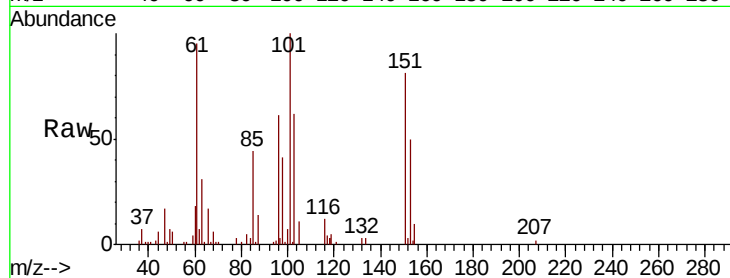
ClientSampleId :

VW1011SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 37309 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.6  | 35.1  | 52.7  |
| 151       | 85.5  | 67.7  | 101.5 |

Manual Integrations  
APPROVED

apatel  
10/11/2018 2:21:12 PM



#10

Methyl Iodide

Concen: 19.714 ug/l

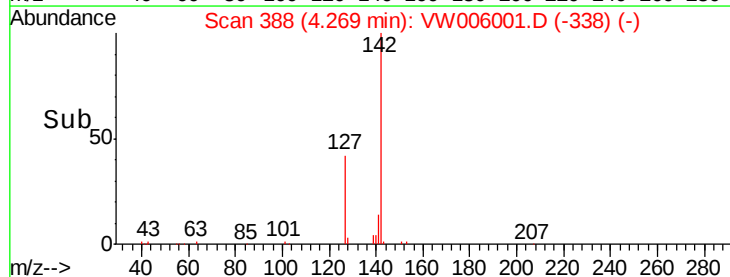
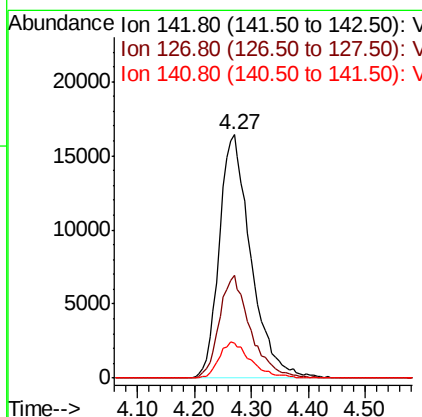
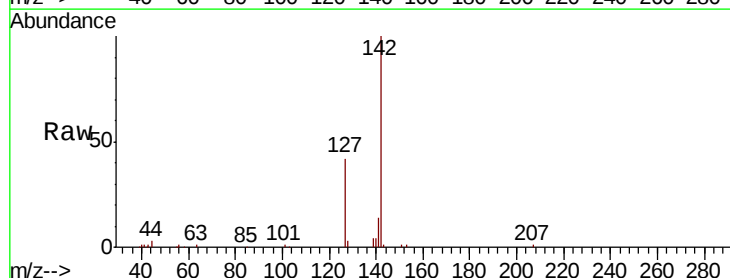
RT: 4.27 min Scan# 388

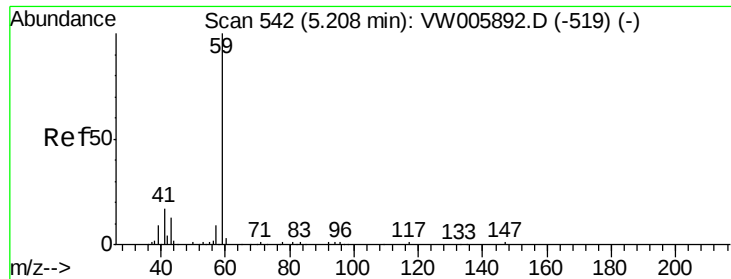
Delta R.T. 0.01 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 63630 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.2  | 33.7  | 50.5  |
| 141       | 14.7  | 11.5  | 17.3  |





#11

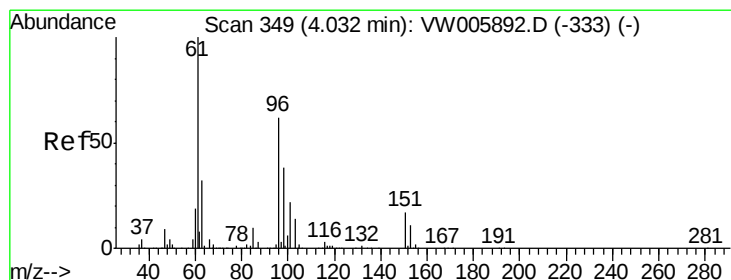
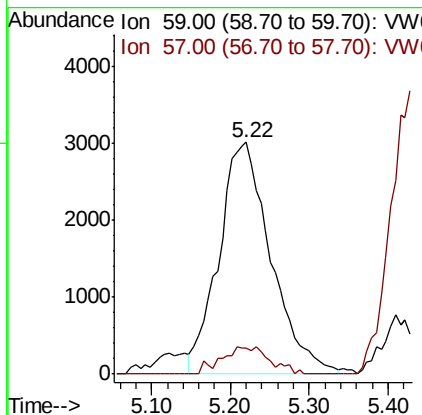
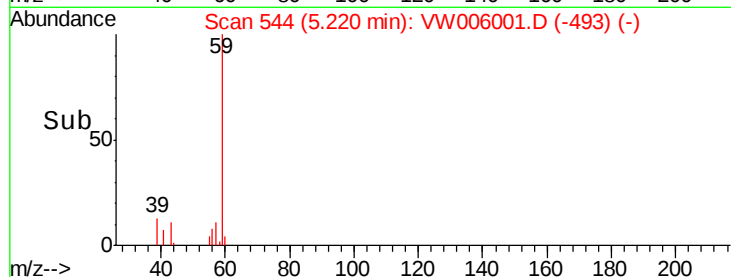
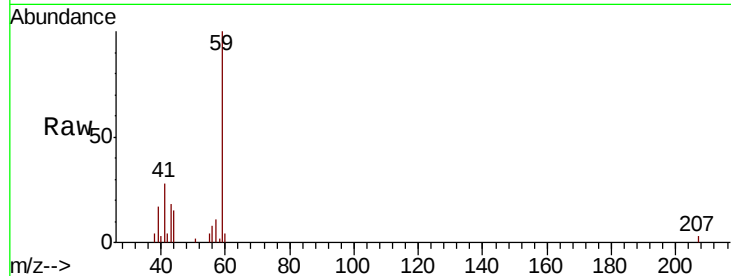
Tert butyl alcohol  
Concen: 90.250 ug/l  
RT: 5.22 min Scan# 544  
Delta R.T. 0.01 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion   | 59   | Resp  | 13824 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 11.0 | 7.7   | 11.5  |

Manual Integrations  
APPROVED

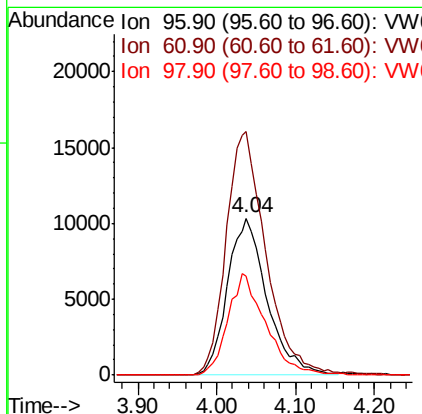
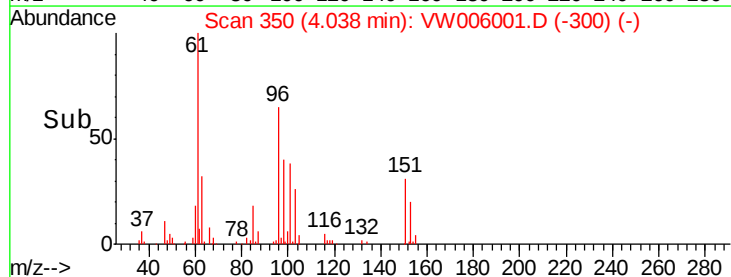
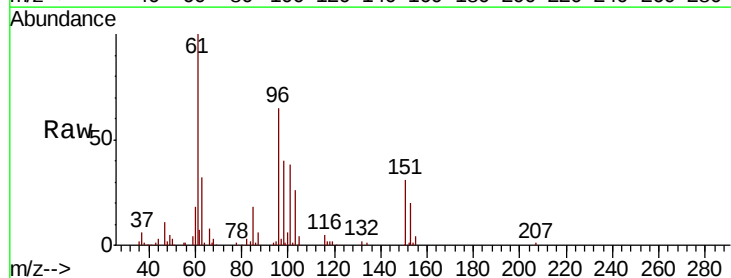
apatel  
10/11/2018 2:21:12 PM



#12

1,1-Dichloroethene  
Concen: 18.998 ug/l  
RT: 4.04 min Scan# 350  
Delta R.T. 0.01 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion   | 96    | Resp  | 36006 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 154.9 | 128.6 | 193.0 |
| 98        | 62.6  | 49.4  | 74.0  |





#13

Acrolein

Concen: 91.473 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

ClientSampleId :

VW1011SBS01

Tot Ion: 56 Resp: 12486

Ion Ratio Lower Upper

56 100

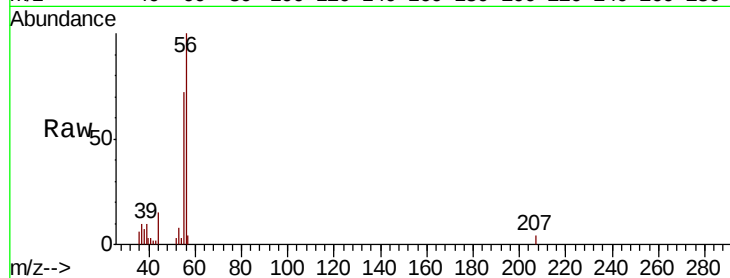
55 73.2 54.6 82.0

Manual Integrations

APPROVED

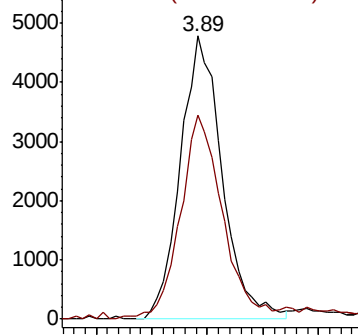
apatel

10/11/2018 2:21:12 PM

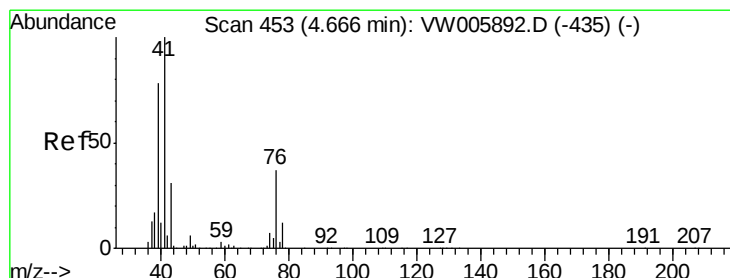
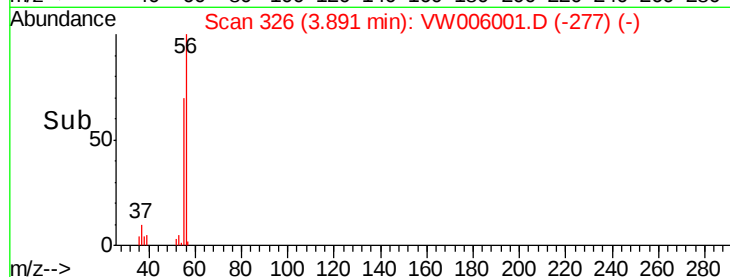


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



Time-->



#14

Allyl chloride

Concen: 15.783 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

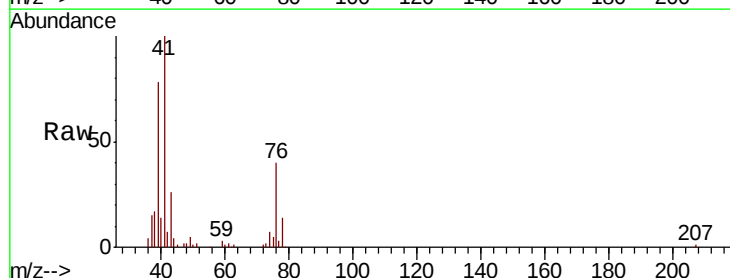
Tgt Ion: 41 Resp: 51012

Ion Ratio Lower Upper

41 100

39 80.3 60.8 91.2

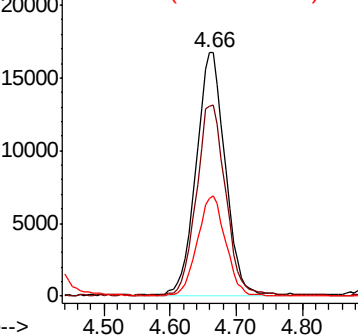
76 40.4 29.6 44.4



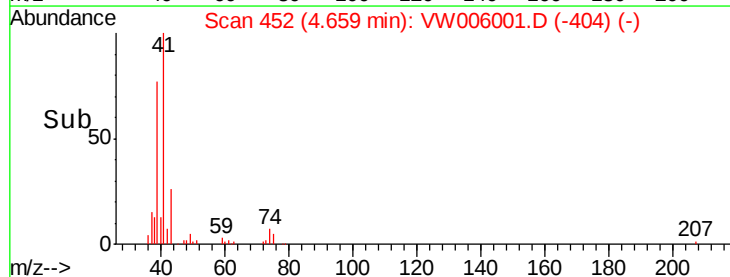
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW



Time-->





#15

Acrylonitrile

Concen: 100.818 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

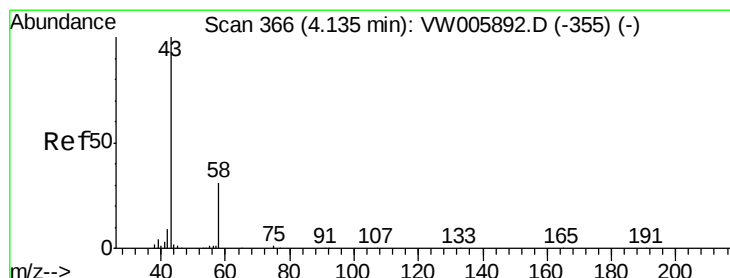
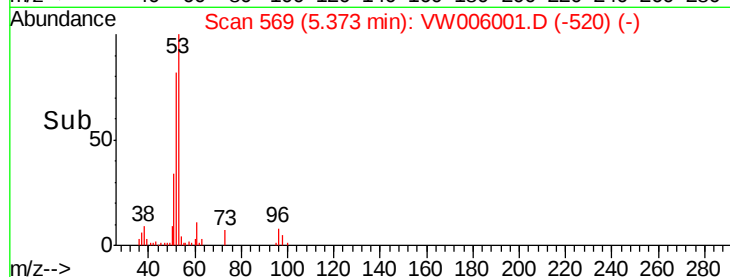
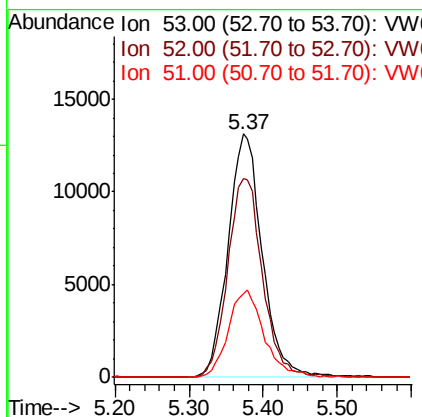
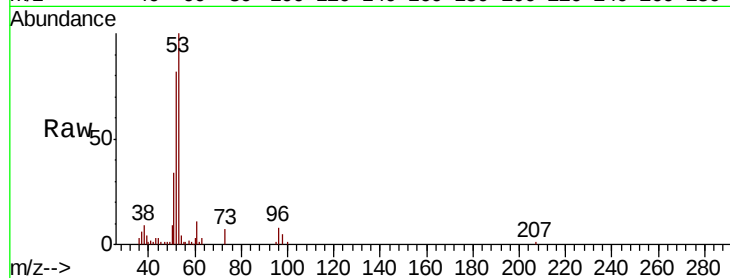
ClientSampleId :

VW1011SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 42230 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.2  | 66.8  | 100.2 |
| 51       | 37.2  | 29.8  | 44.6  |

Manual Integrations  
APPROVED

apatel  
10/11/2018 2:21:12 PM



#16

Acetone

Concen: 84.881 ug/l

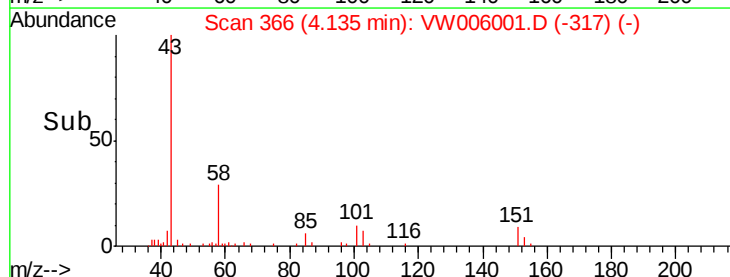
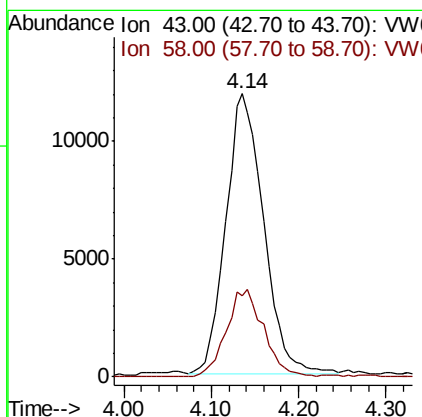
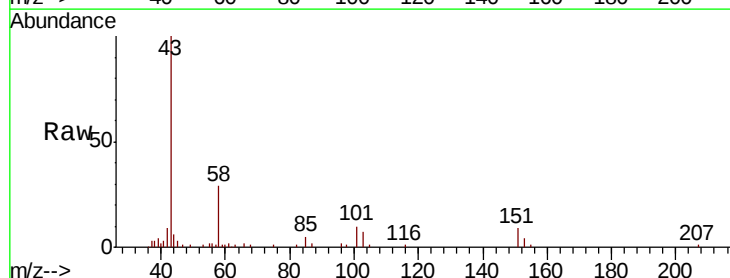
RT: 4.14 min Scan# 366

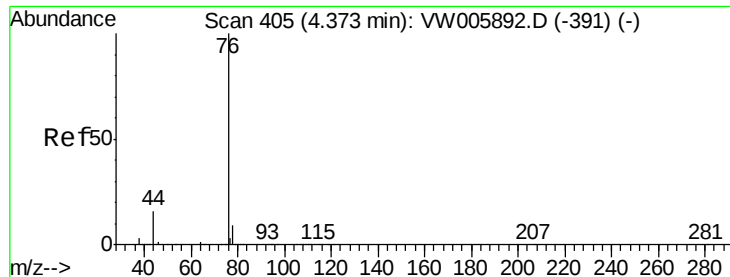
Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 35435 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 29.0  | 24.7  | 37.1  |





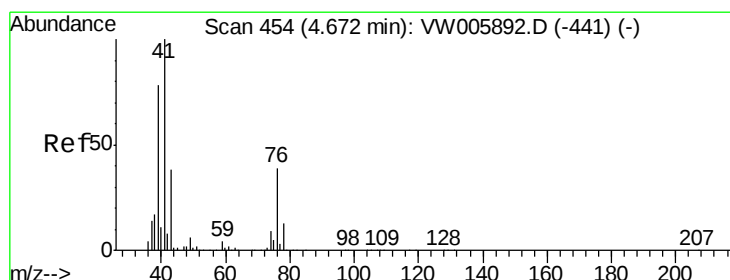
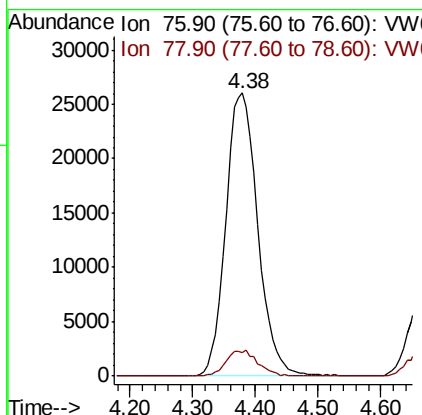
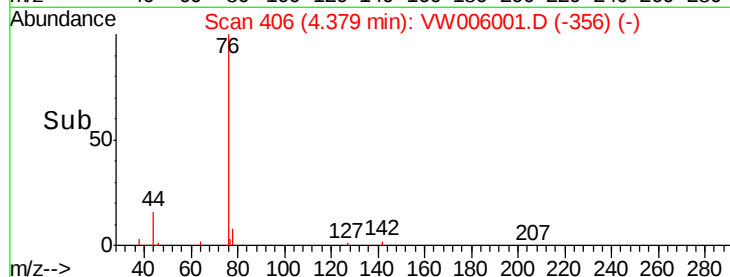
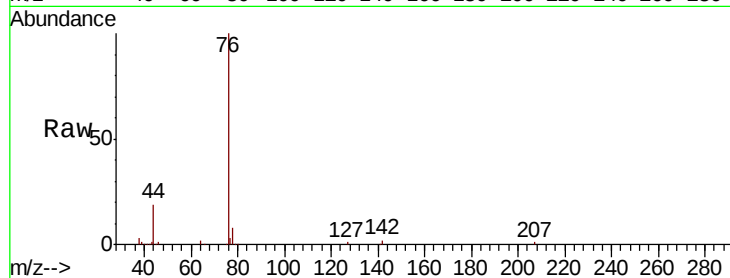
#17  
Carbon Disulfide  
Concen: 16.047 ug/l  
RT: 4.38 min Scan# 406  
Delta R.T. 0.01 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.4   | 7.4   | 11.0  |

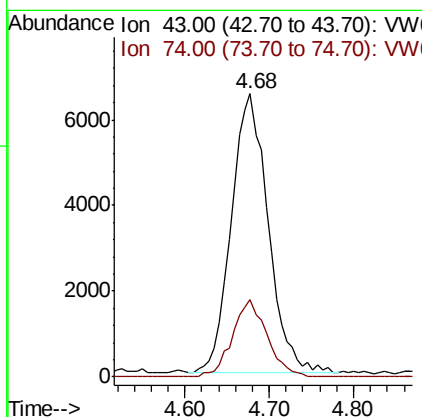
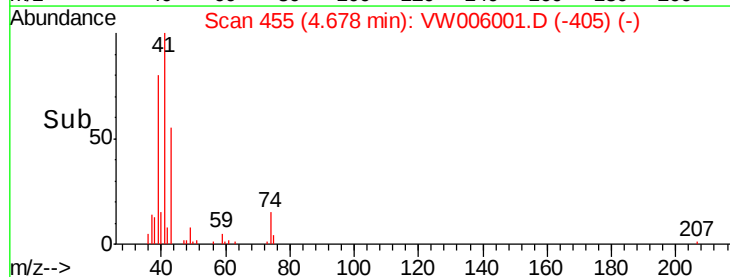
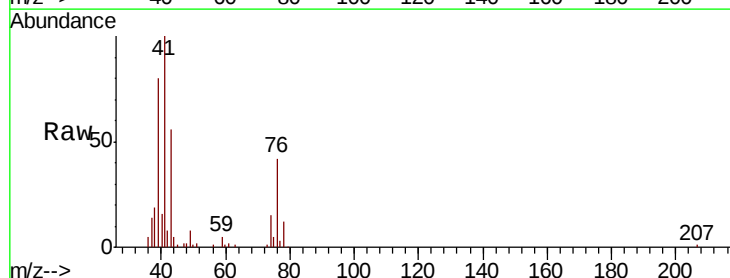
Manual Integrations  
APPROVED

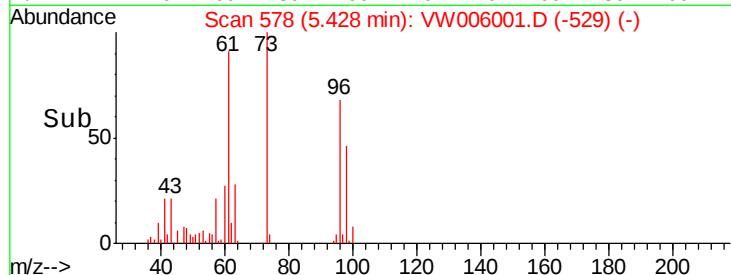
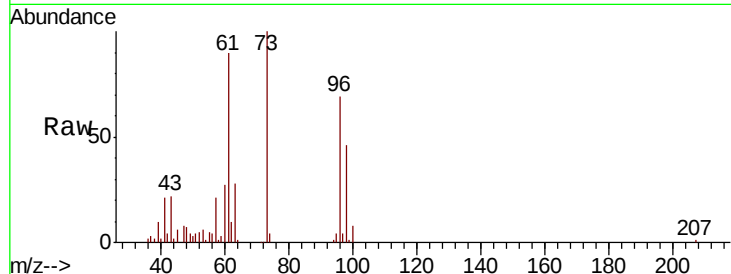
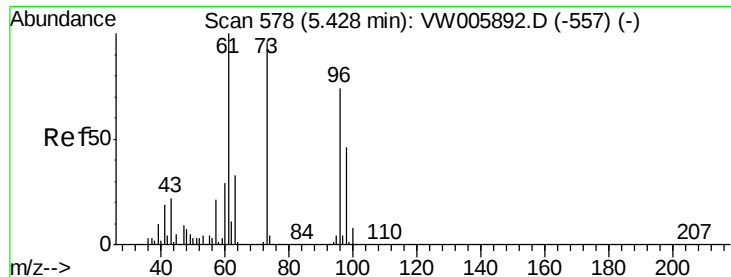
apatel  
10/11/2018 2:21:12 PM



#18  
Methyl Acetate  
Concen: 18.211 ug/l  
RT: 4.68 min Scan# 455  
Delta R.T. 0.01 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 26.1  | 19.2  | 28.8  |





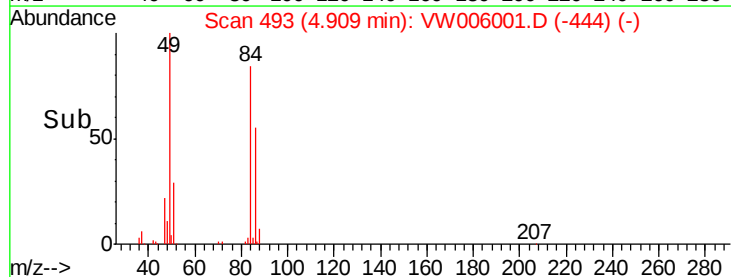
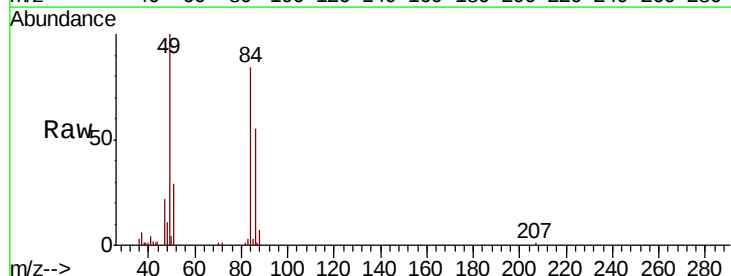
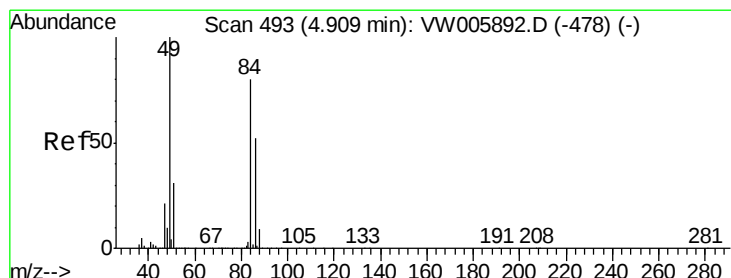
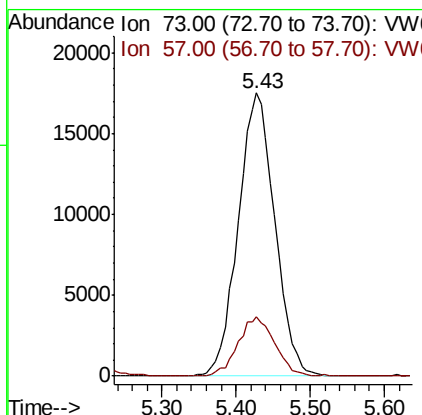
#19  
Methyl tert-butyl Ether  
Concen: 20.442 ug/l  
RT: 5.43 min Scan# 578  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Tot Ion: 73 Resp: 60275  
Ion Ratio Lower Upper  
73 100  
57 21.0 17.7 26.5

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

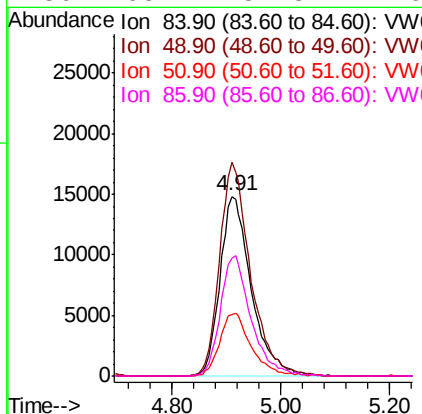
Manual Integrations  
APPROVED

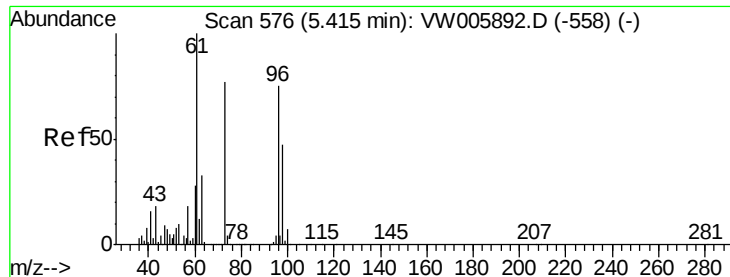
apatel  
10/11/2018 2:21:12 PM



#20  
Methylene Chloride  
Concen: 28.381 ug/l  
RT: 4.91 min Scan# 493  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Tgt Ion: 84 Resp: 59361  
Ion Ratio Lower Upper  
84 100  
49 118.9 99.9 149.9  
51 33.9 31.1 46.7  
86 65.4 51.8 77.6





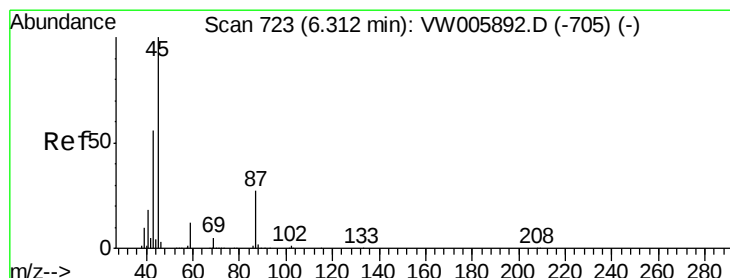
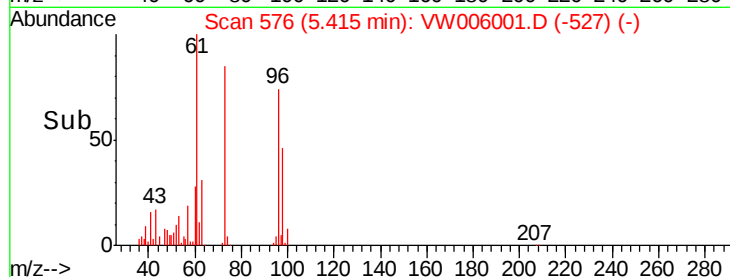
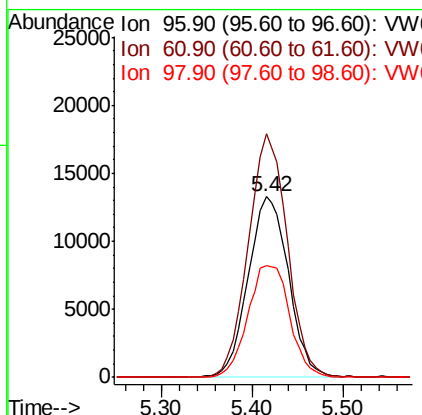
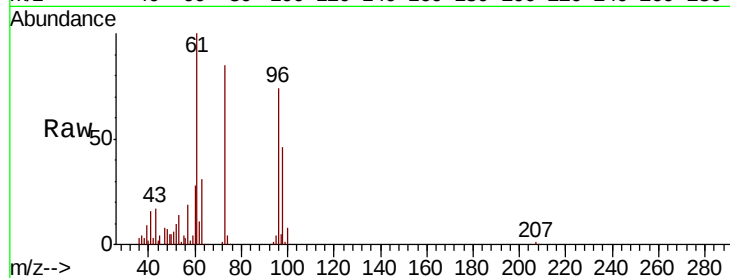
#21  
trans-1,2-Dichloroethene  
Concen: 19.777 ug/l  
RT: 5.42 min Scan# 576  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 134.6 | 107.4 | 161.0 |
| 98      | 61.5  | 50.8  | 76.2  |

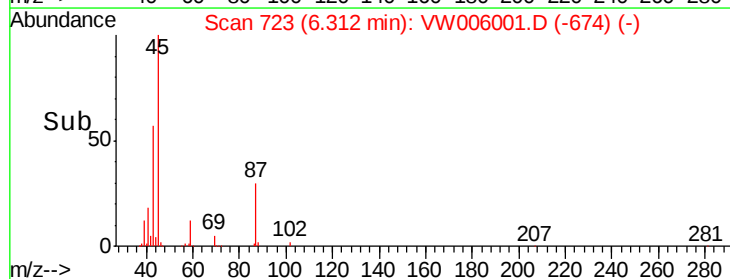
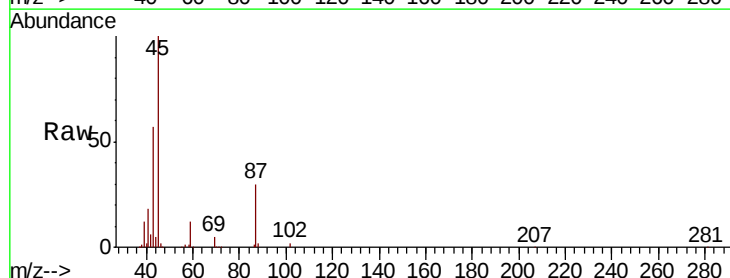
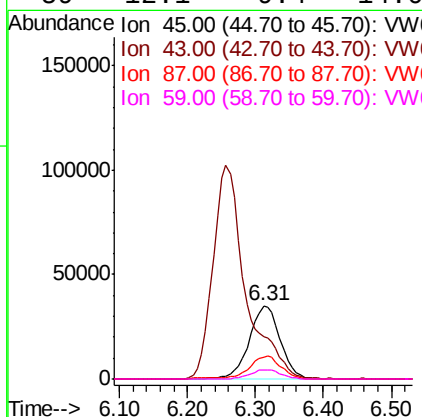
Manual Integrations  
APPROVED

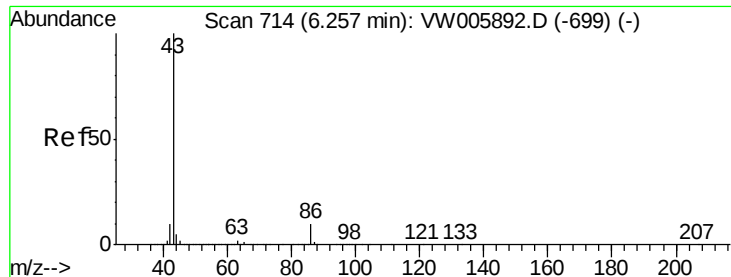
apatel  
10/11/2018 2:21:12 PM



#22  
Diisopropyl ether  
Concen: 18.449 ug/l  
RT: 6.31 min Scan# 723  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 56.8  | 45.9  | 68.9  |
| 87      | 30.5  | 22.2  | 33.4  |
| 59      | 12.1  | 9.4   | 14.0  |





#23

Vinyl Acetate

Concen: 91.546 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

ClientSampleId :

VW1011SBS01

Tot Ion: 43 Resp: 340433

Ion Ratio Lower Upper

43 100

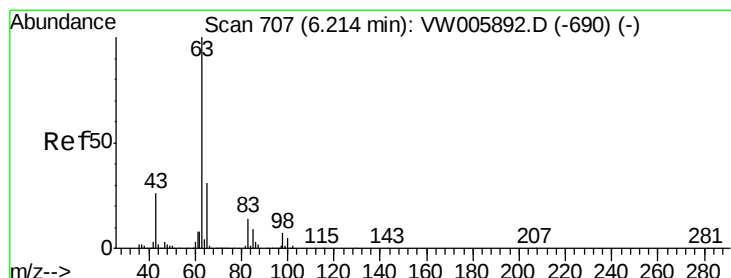
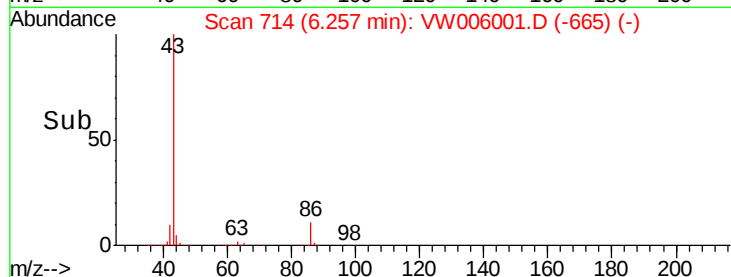
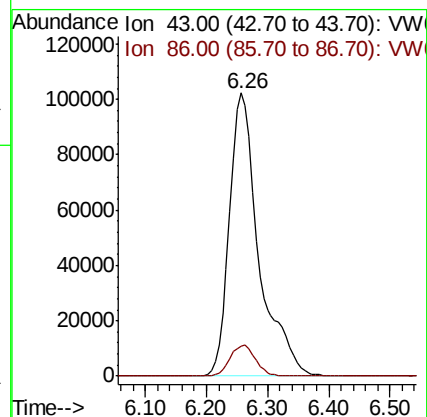
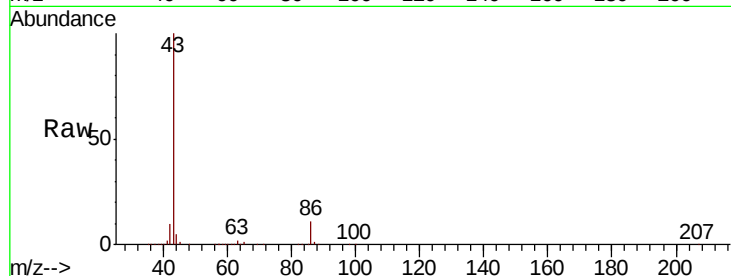
86 10.7 8.2 12.4

Manual Integrations

APPROVED

apatel

10/11/2018 2:21:12 PM



#24

1,1-Dichloroethane

Concen: 19.059 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

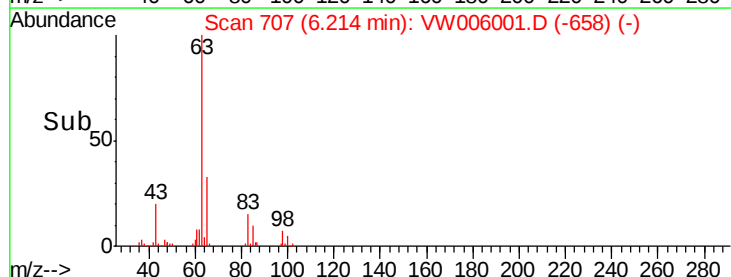
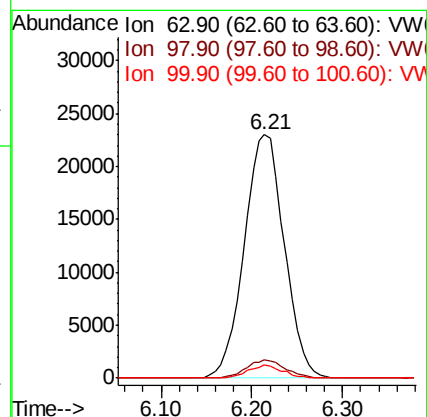
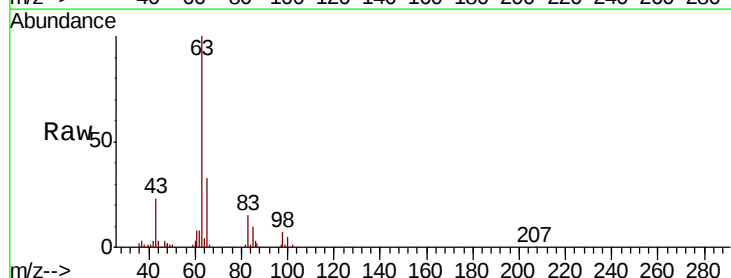
Tgt Ion: 63 Resp: 70467

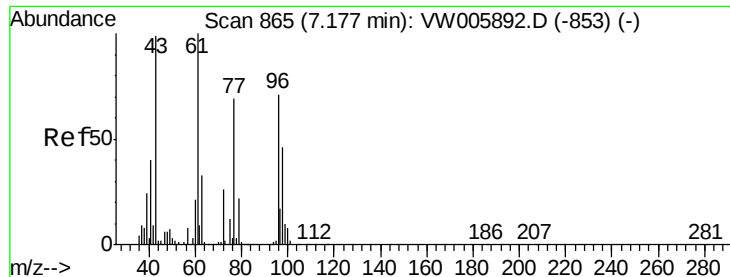
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

100 5.4 2.4 7.1





#25

2-Butanone

Concen: 94.588 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

ClientSampleId :

VW1011SBS01

Tot Ion: 43 Resp: 56164

Ion Ratio Lower Upper

43 100

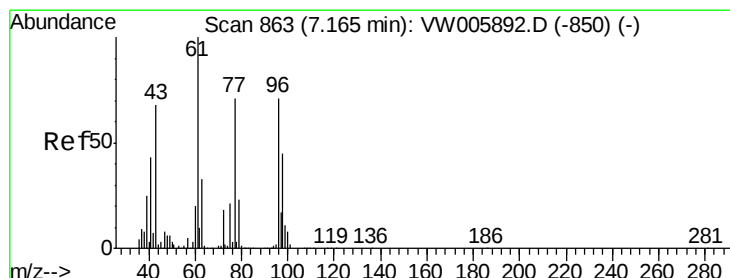
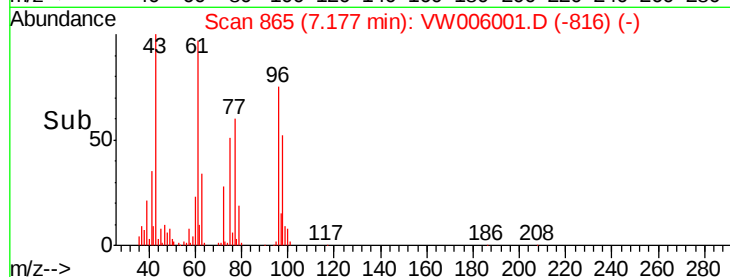
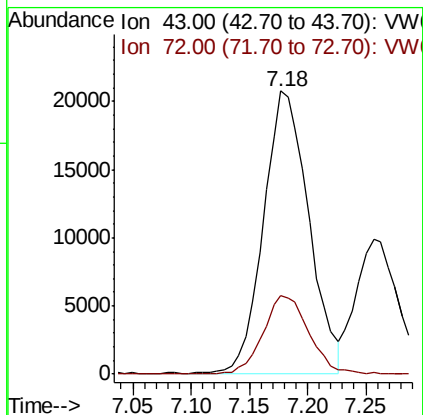
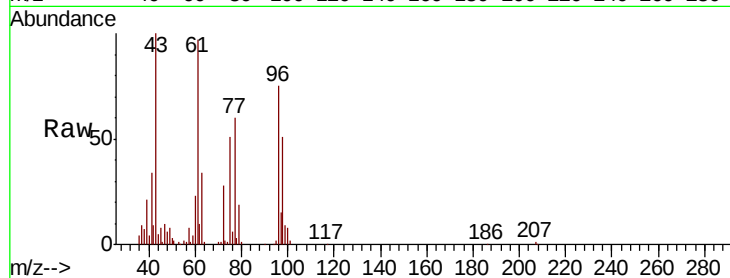
72 27.8 21.0 31.4

Manual Integrations

APPROVED

apatel

10/11/2018 2:21:12 PM



#26

2,2-Dichloropropane

Concen: 16.023 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW006001.D

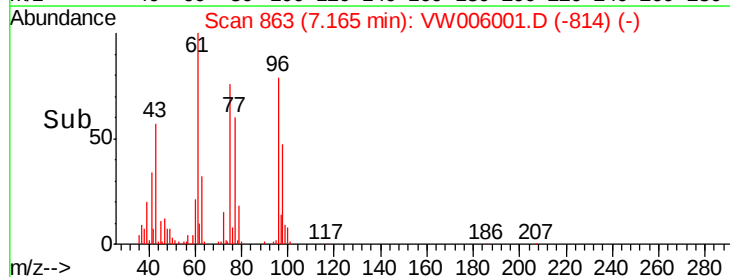
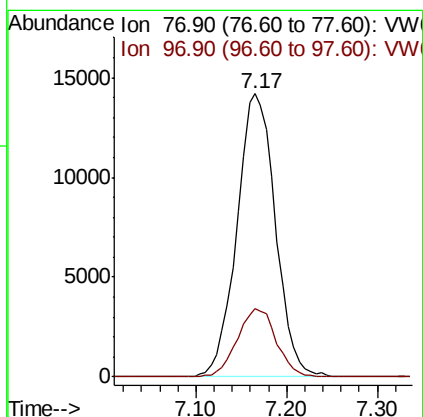
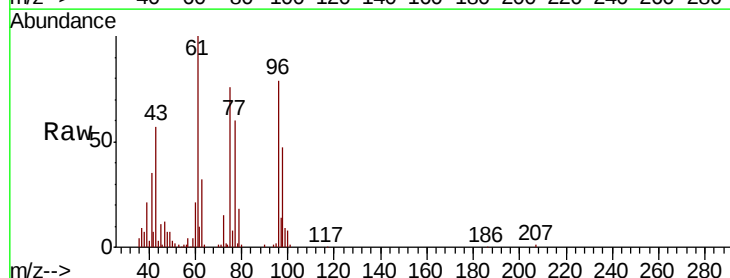
Acq: 10 Oct 2018 22:32

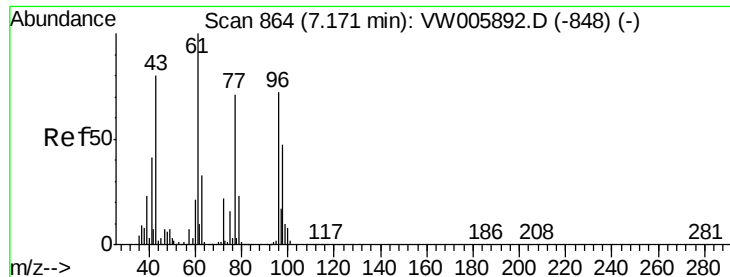
Tgt Ion: 77 Resp: 41694

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.7





#27

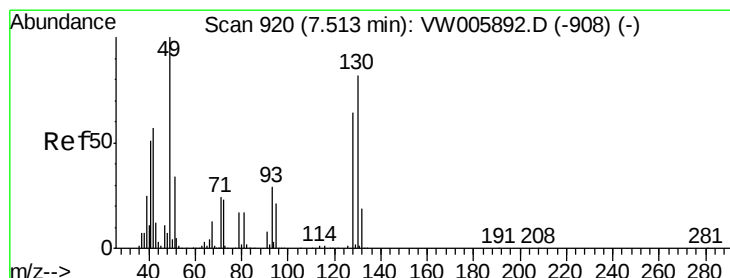
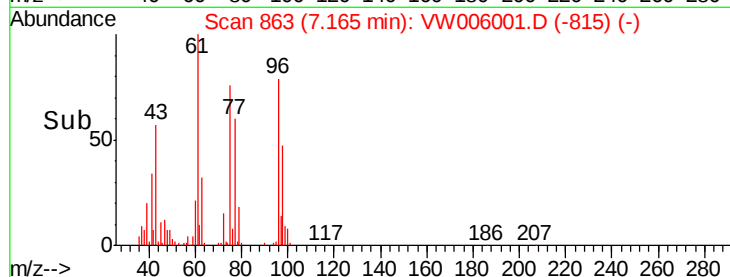
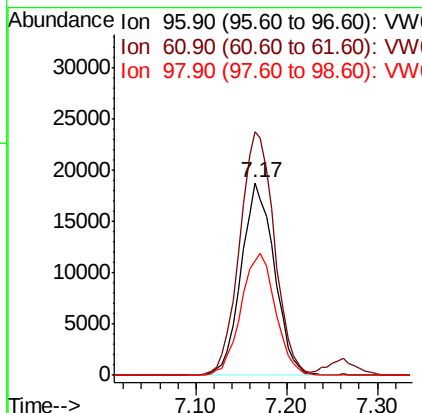
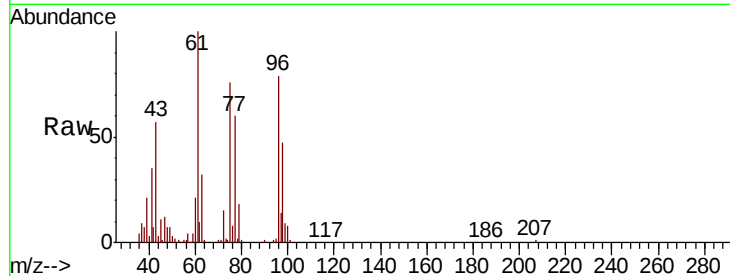
cis-1,2-Dichloroethene  
Concen: 20.376 ug/l  
RT: 7.17 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 132.1 | 0.0   | 284.0 |
| 98      | 65.5  | 0.0   | 129.8 |

Manual Integrations  
APPROVED

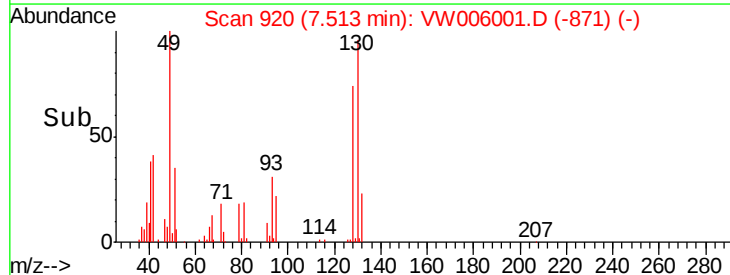
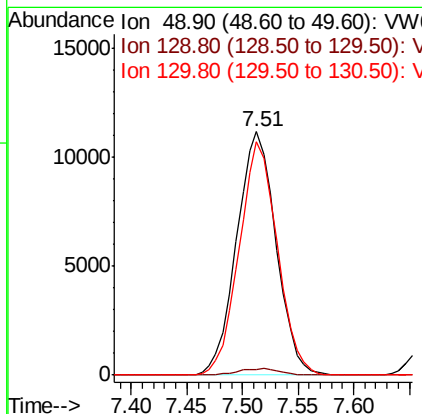
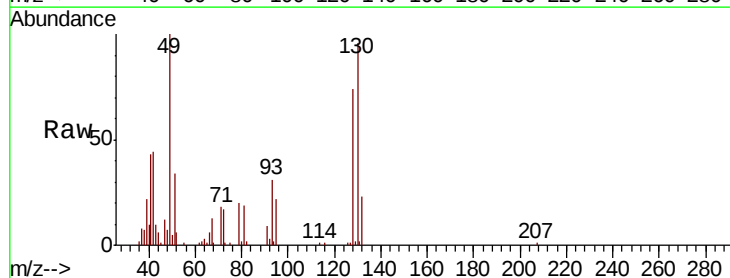
apatel  
10/11/2018 2:21:12 PM

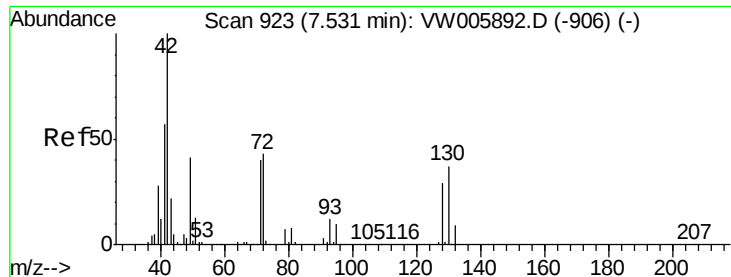


#28

Bromochloromethane  
Concen: 20.112 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.7   | 0.0   | 5.0   |
| 130     | 92.9  | 66.9  | 100.3 |





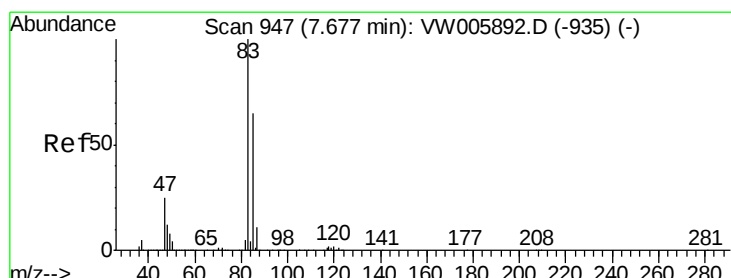
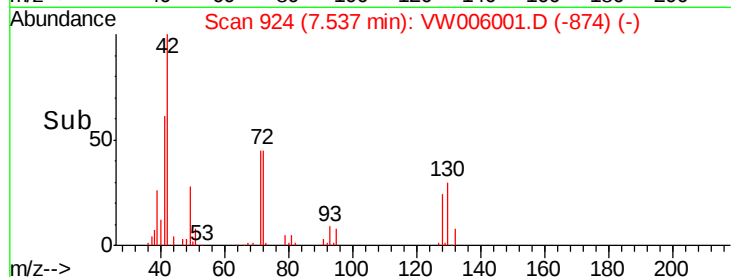
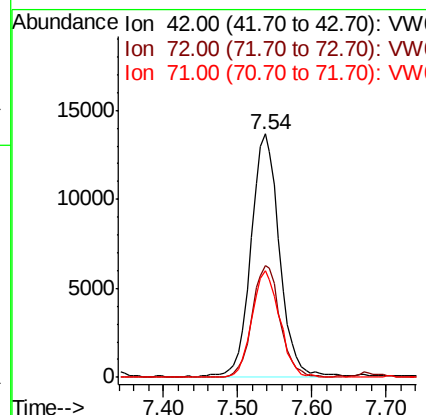
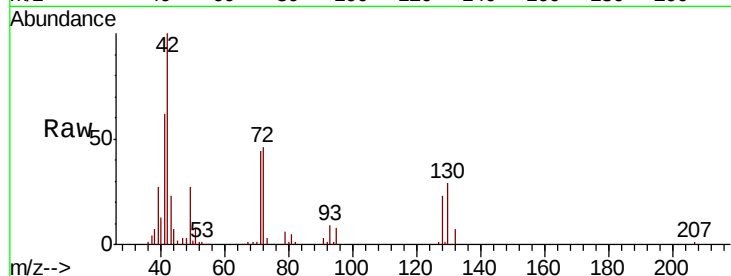
#29  
Tetrahydrofuran  
Concen: 98.339 ug/l  
RT: 7.54 min Scan# 924  
Delta R.T. 0.01 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.8  | 34.6  | 51.8  |
| 71      | 42.3  | 32.6  | 49.0  |

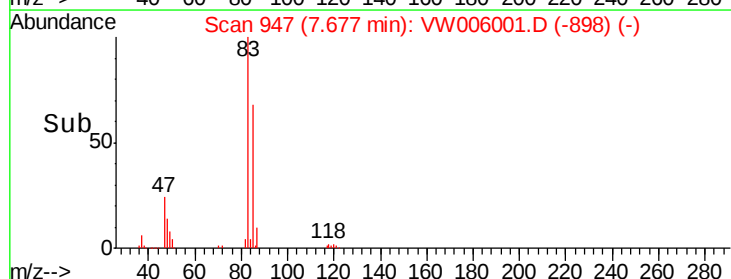
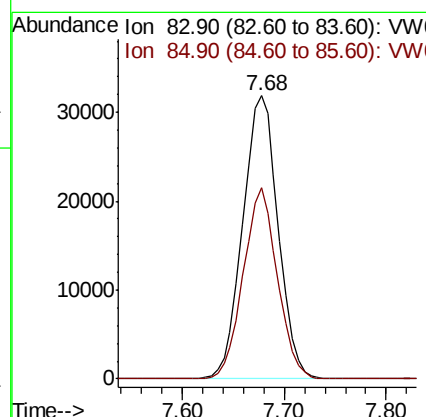
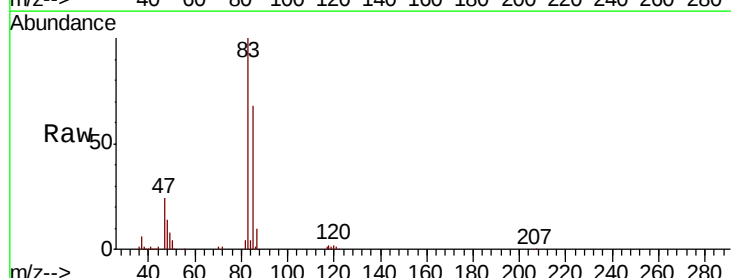
Manual Integrations  
APPROVED

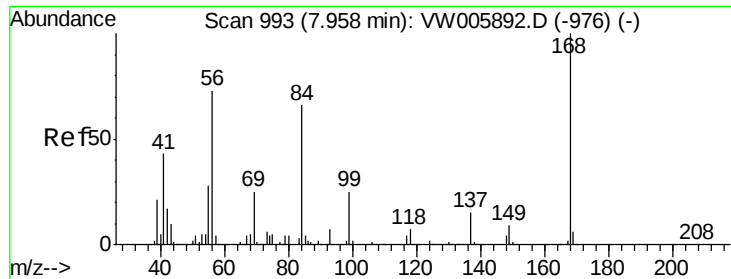
apatel  
10/11/2018 2:21:12 PM



#30  
Chloroform  
Concen: 20.179 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 67.6  | 51.6  | 77.4  |





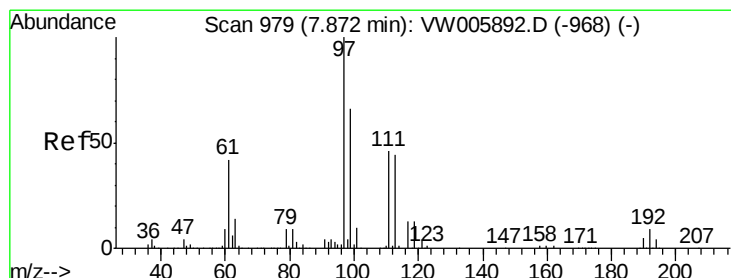
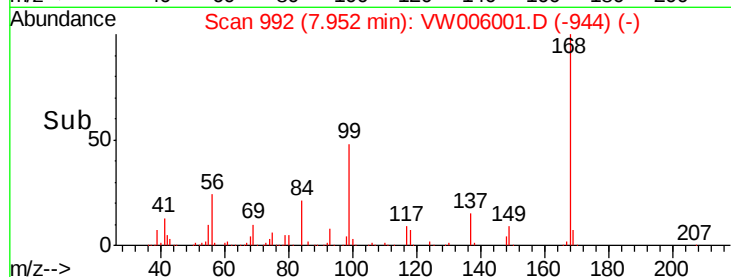
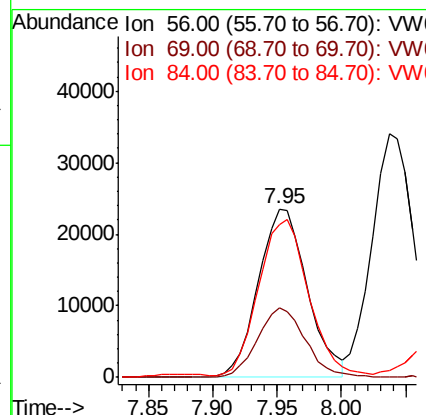
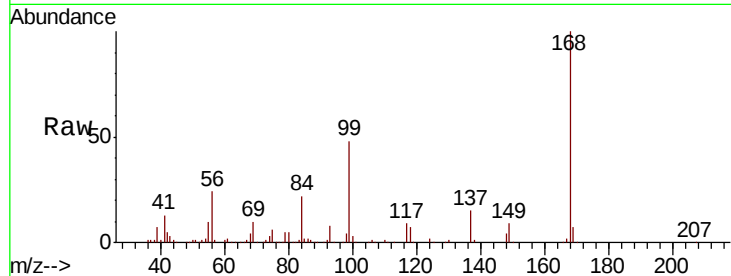
#31  
Cyclohexane  
Concen: 17.019 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 41.5  | 27.9  | 41.9  |
| 84      | 89.1  | 72.3  | 108.5 |

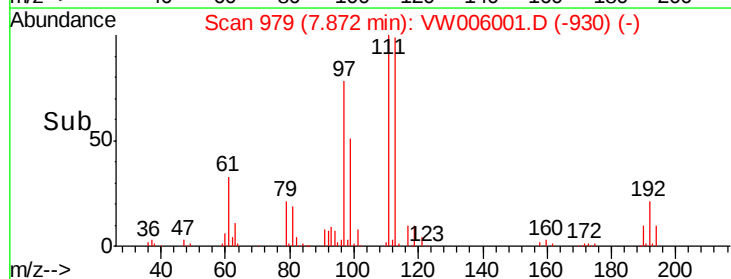
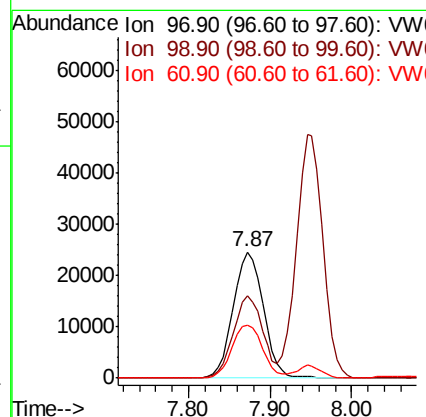
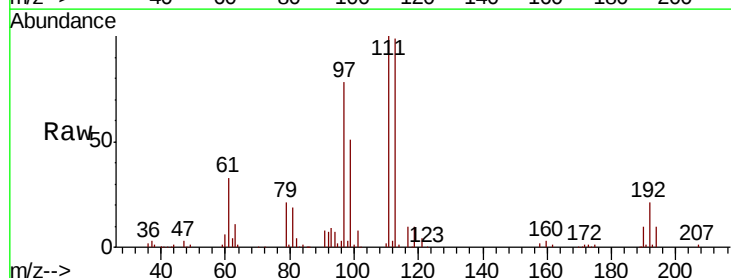
Manual Integrations  
APPROVED

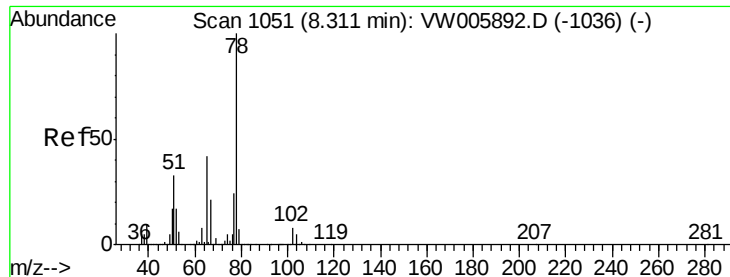
apatel  
10/11/2018 2:21:12 PM



#32  
1,1,1-Trichloroethane  
Concen: 18.569 ug/l  
RT: 7.87 min Scan# 979  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.7  | 51.6  | 77.4  |
| 61      | 42.6  | 34.5  | 51.7  |





#33

1,2-Dichloroethane-d4

Concen: 49.761 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

ClientSampleId :

VW1011SBS01

Tot Ion: 65 Resp: 104003

Ion Ratio Lower Upper

65 100

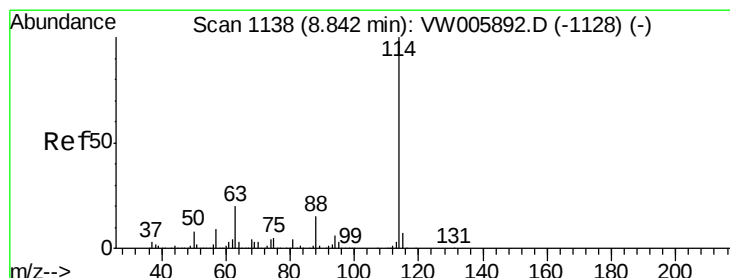
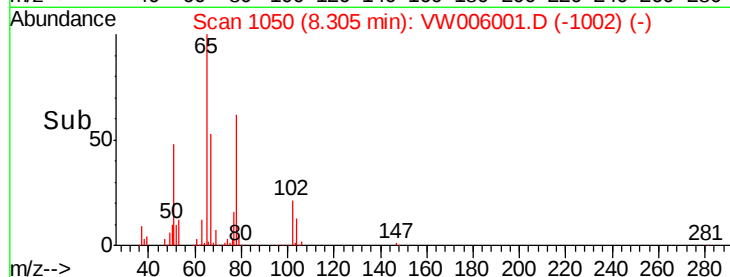
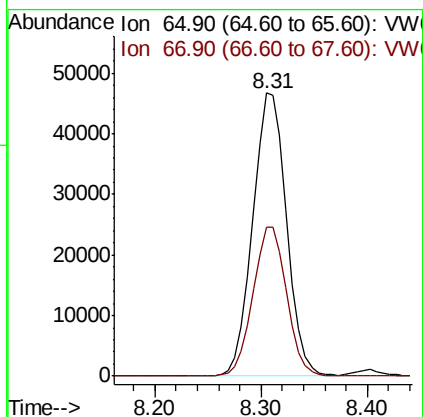
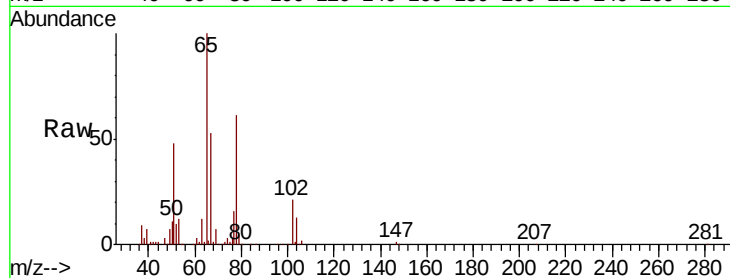
67 52.5 0.0 104.6

Manual Integrations

APPROVED

apatel

10/11/2018 2:21:12 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

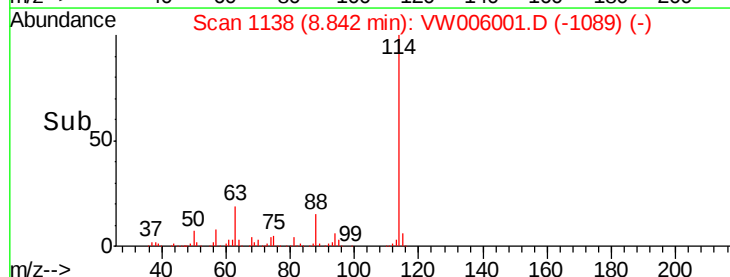
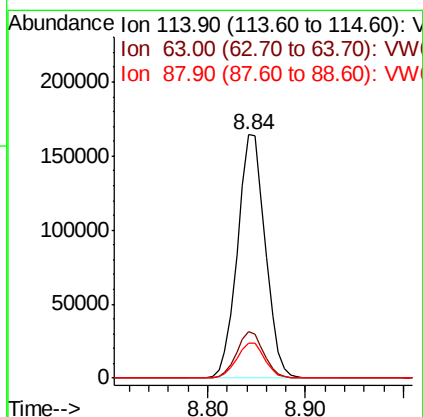
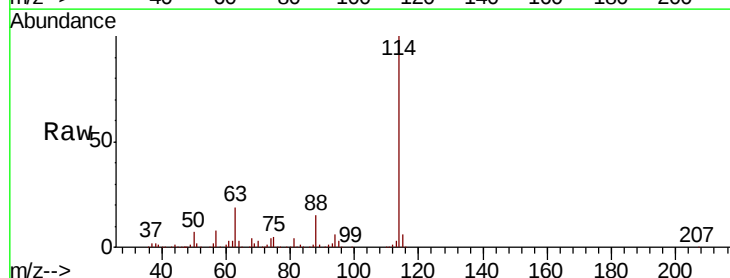
Tgt Ion: 114 Resp: 324525

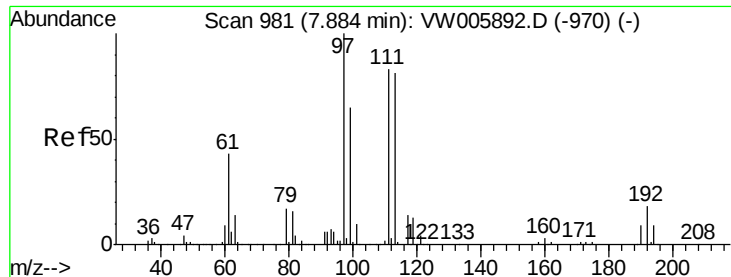
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

88 14.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.414 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

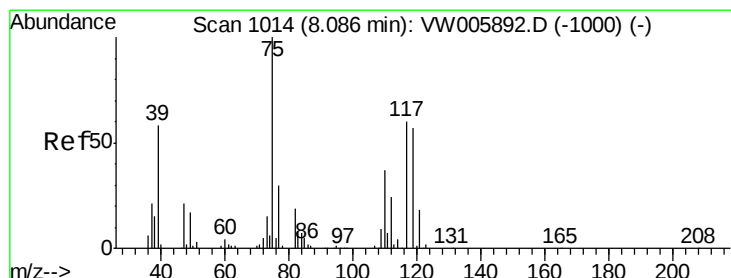
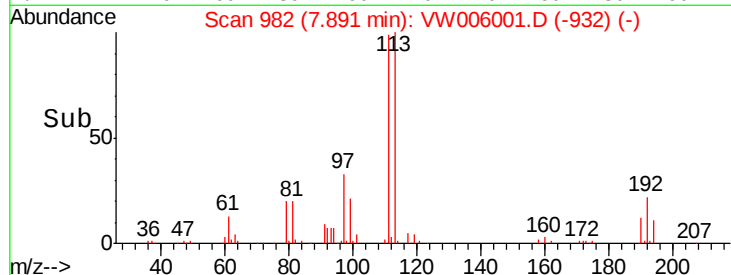
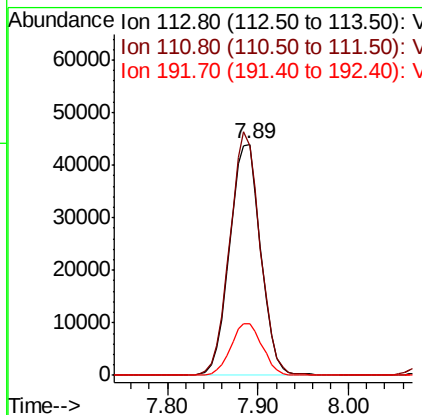
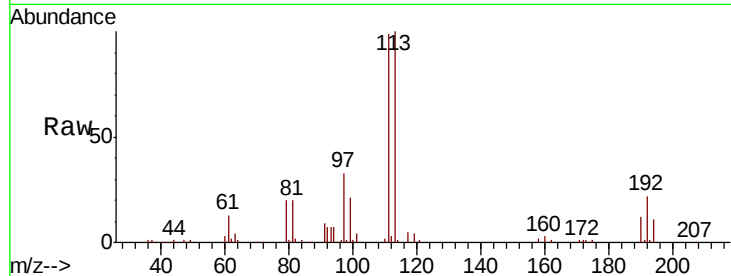
ClientSampleId :

VW1011SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 104455 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.9 | 82.0  | 123.0  |
| 192       | 22.7  | 18.3  | 27.5   |

Manual Integrations  
APPROVED

apatel  
10/11/2018 2:21:12 PM



#36

1,1-Dichloropropene

Concen: 18.682 ug/l

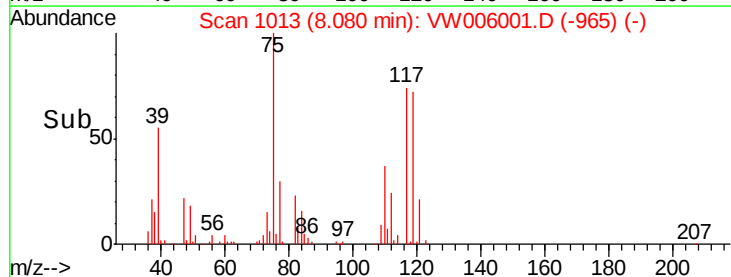
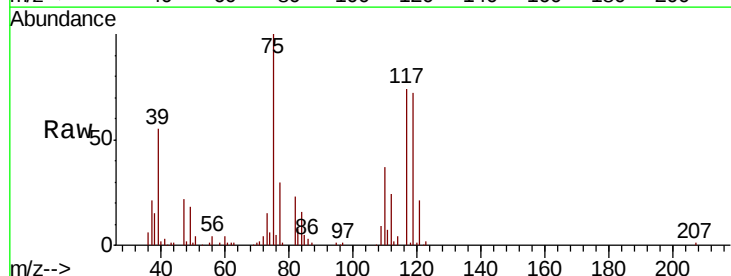
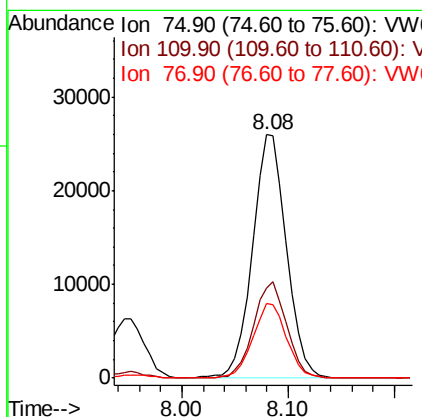
RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 58092 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 38.4  | 18.6  | 56.0  |
| 77        | 30.7  | 24.7  | 37.1  |





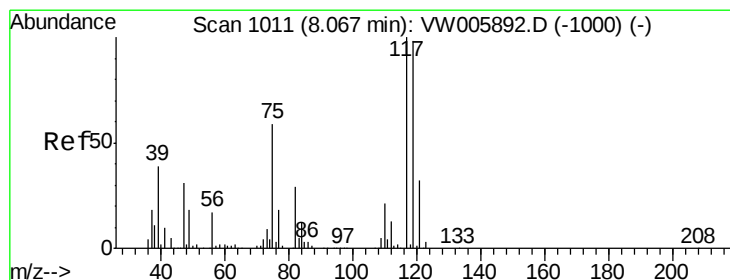
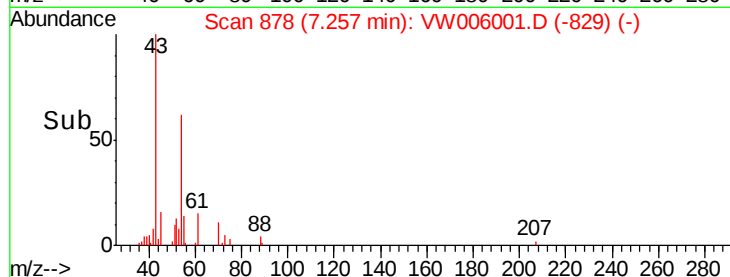
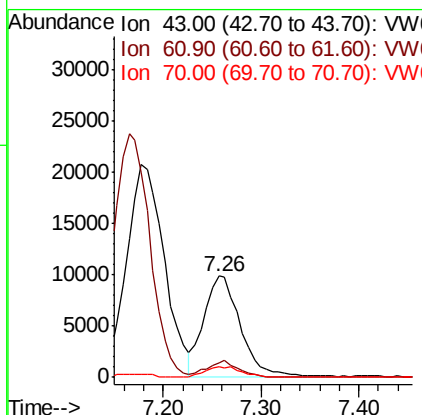
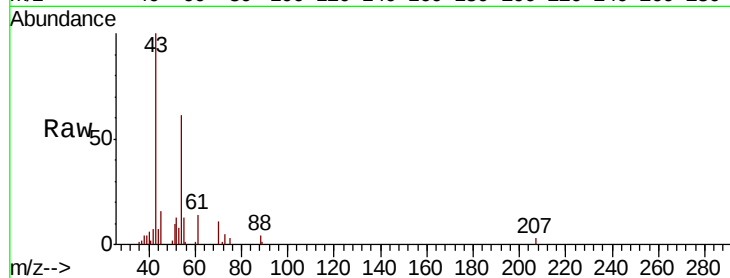
#37  
Ethyl Acetate  
Concen: 19.448 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.1  | 10.6  | 16.0  |
| 70      | 11.0  | 8.6   | 13.0  |

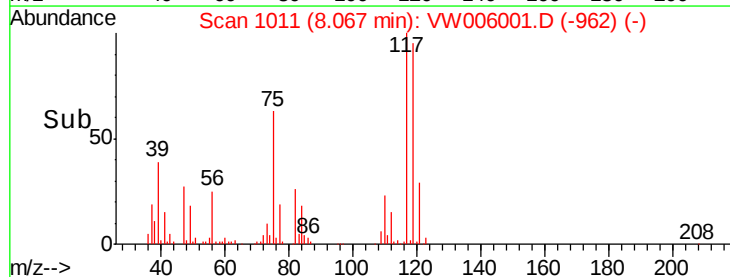
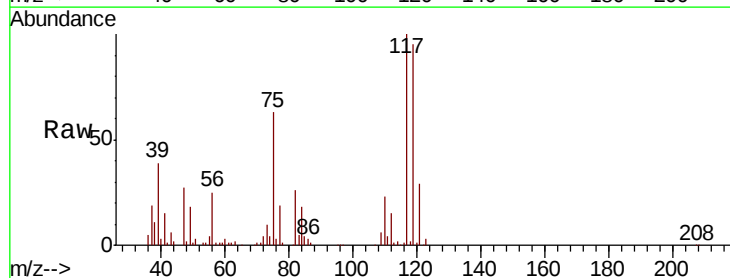
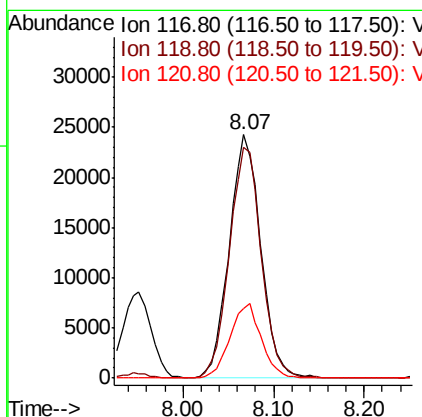
Manual Integrations  
APPROVED

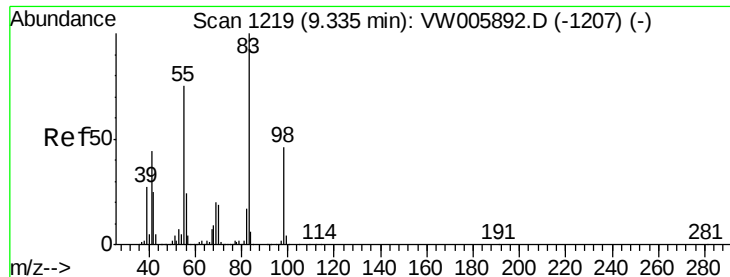
apatel  
10/11/2018 2:21:12 PM



#38  
Carbon Tetrachloride  
Concen: 17.681 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.9  | 78.6  | 117.8 |
| 121     | 28.8  | 25.3  | 37.9  |





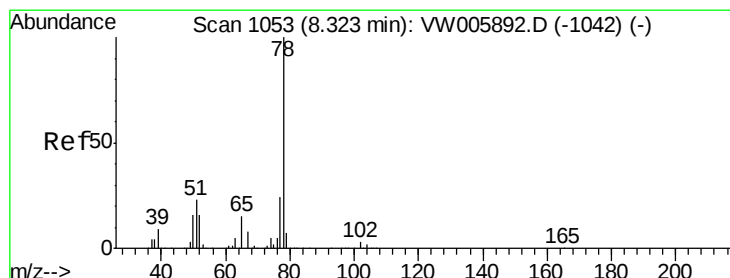
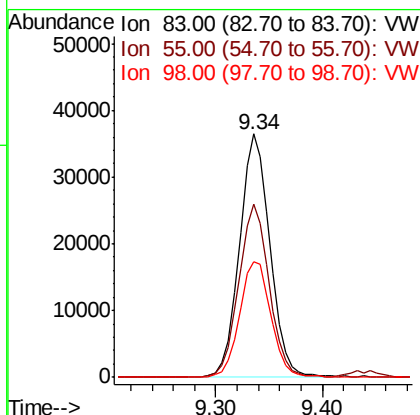
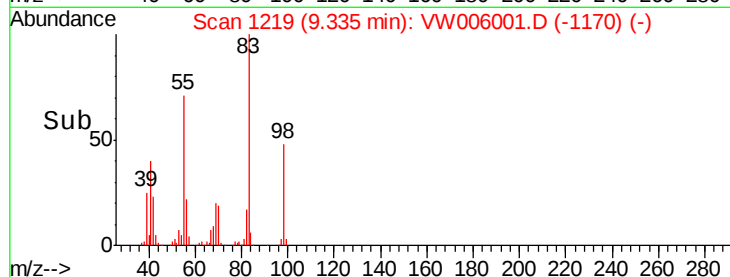
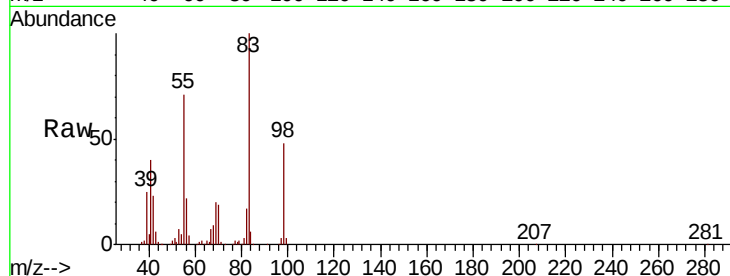
#39  
Methvlcvclohexane  
Concen: 17.858 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 71.1  | 59.8  | 89.6  |
| 98      | 47.6  | 37.1  | 55.7  |

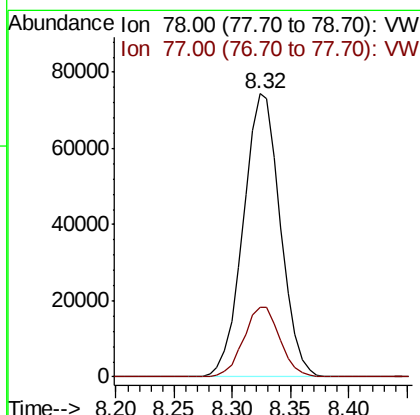
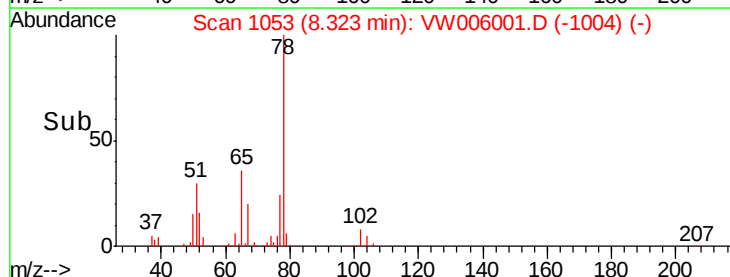
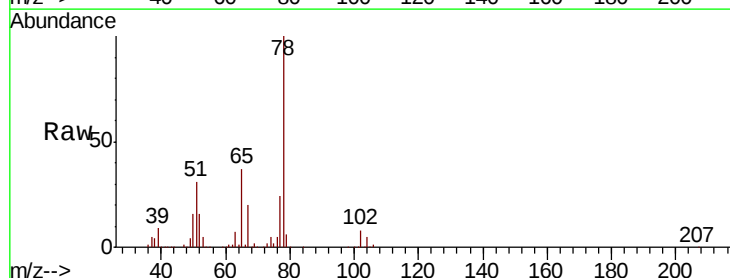
Manual Integrations  
APPROVED

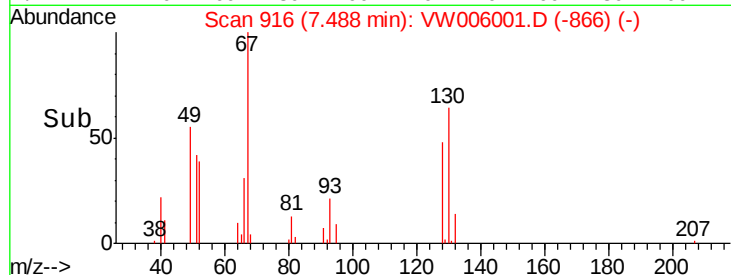
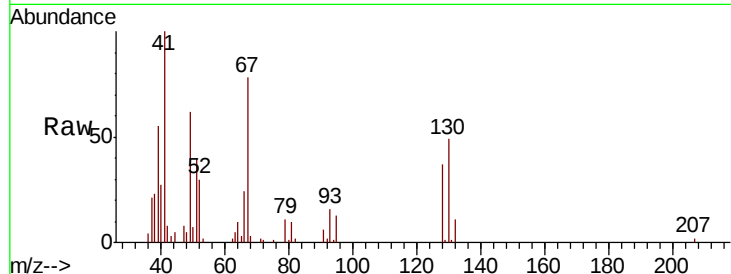
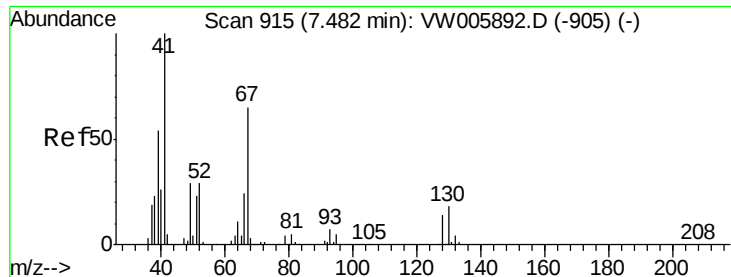
apatel  
10/11/2018 2:21:12 PM



#40  
Benzene  
Concen: 19.371 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.4  | 19.1  | 28.7  |





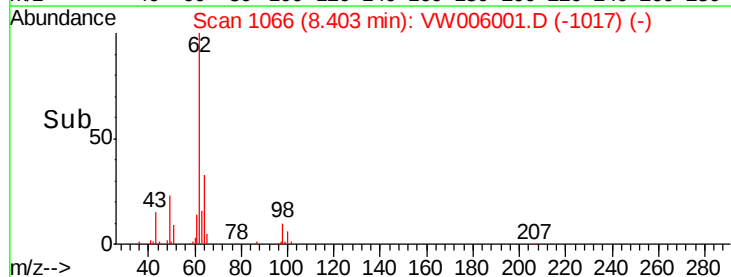
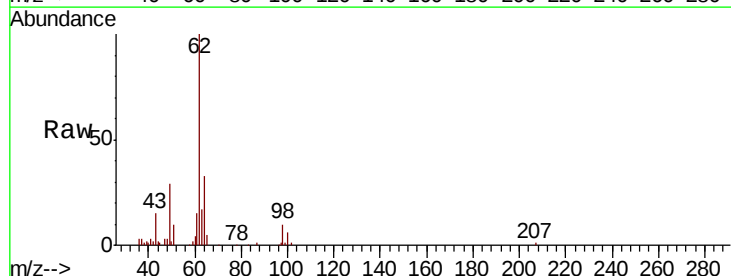
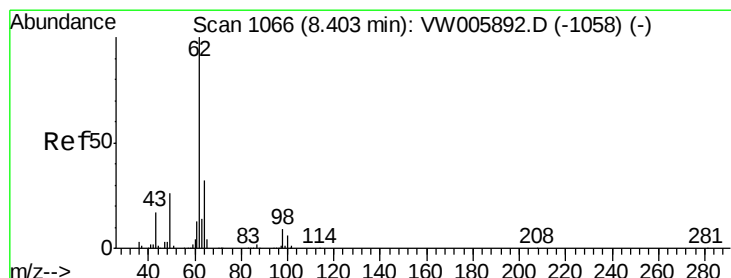
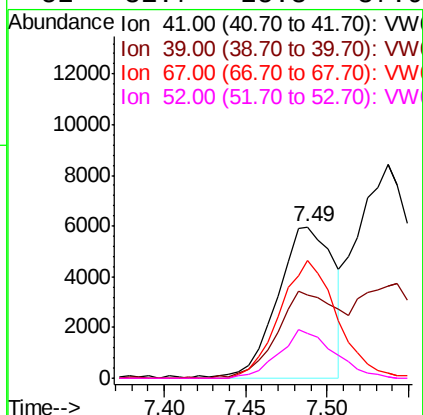
#41  
Methacrylonitrile  
Concen: 17.295 ug/l  
RT: 7.49 min Scan# 916  
Delta R.T. 0.01 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 64.3  | 45.0  | 67.4  |
| 67      | 79.5  | 55.8  | 83.8  |
| 52      | 31.7  | 25.3  | 37.9  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

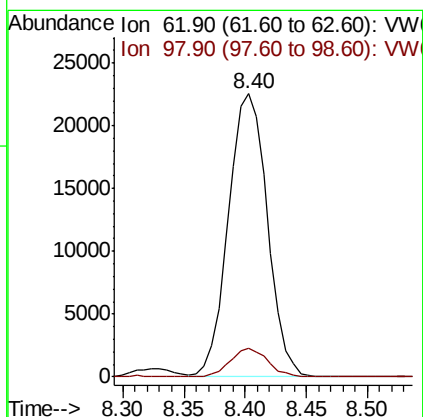
Manual Integrations  
APPROVED

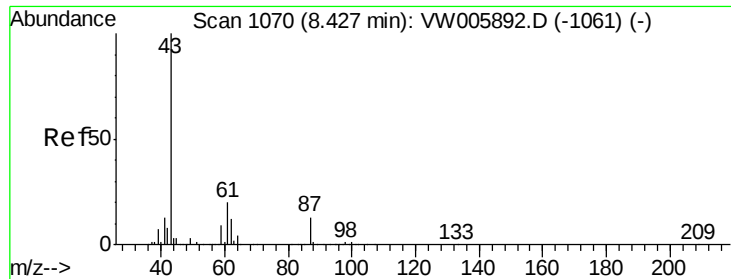
apatel  
10/11/2018 2:21:12 PM



#42  
1,2-Dichloroethane  
Concen: 19.357 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.6   | 0.0   | 18.0  |





#43

Isopropyl Acetate

Concen: 18.294 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

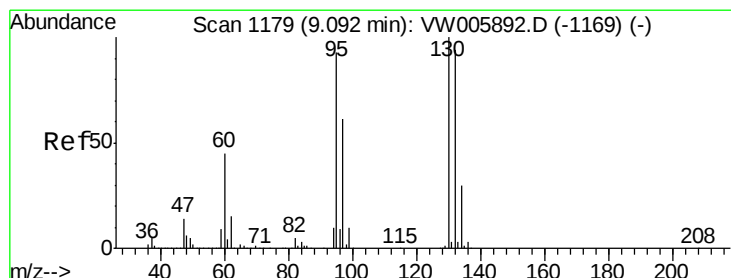
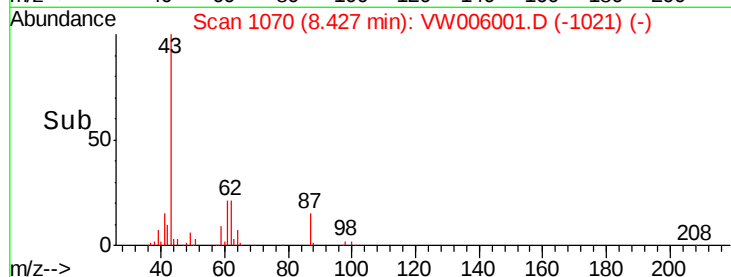
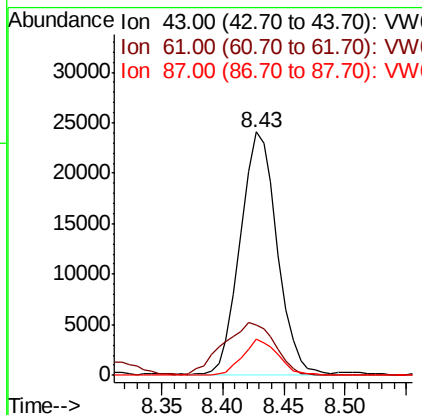
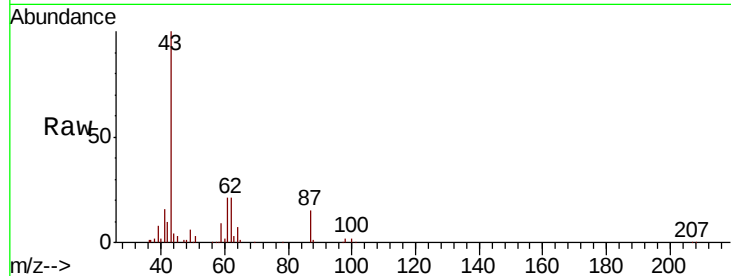
ClientSampleId :

VW1011SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 50321 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 30.5  | 23.1  | 34.7  |
| 87       | 14.4  | 10.7  | 16.1  |

Manual Integrations  
APPROVED

apatel  
10/11/2018 2:21:12 PM



#44

Trichloroethene

Concen: 20.023 ug/l

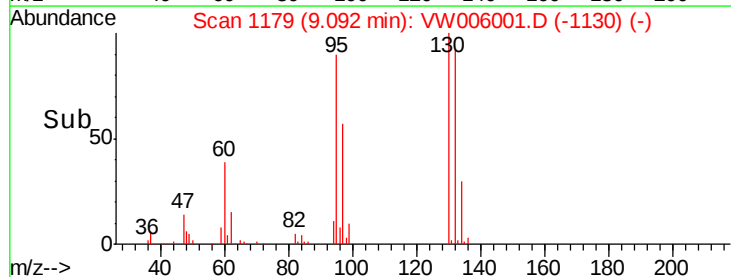
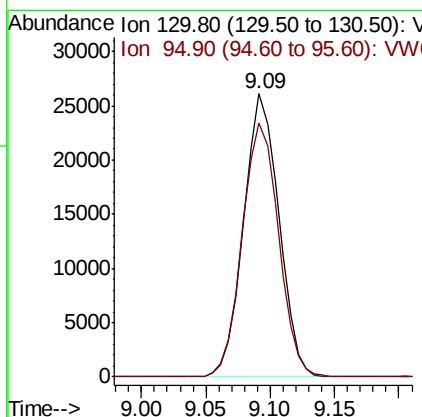
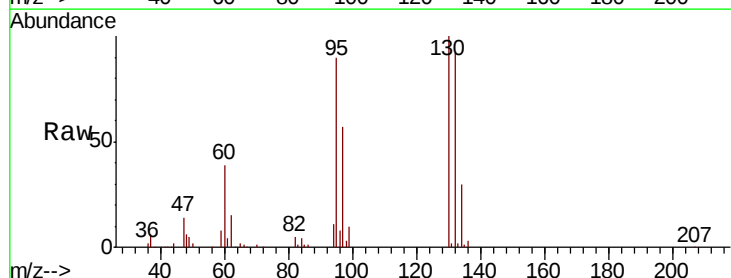
RT: 9.09 min Scan# 1179

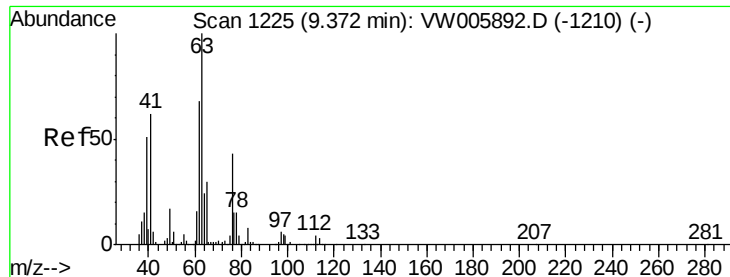
Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 49444 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 89.5  | 0.0   | 185.6 |





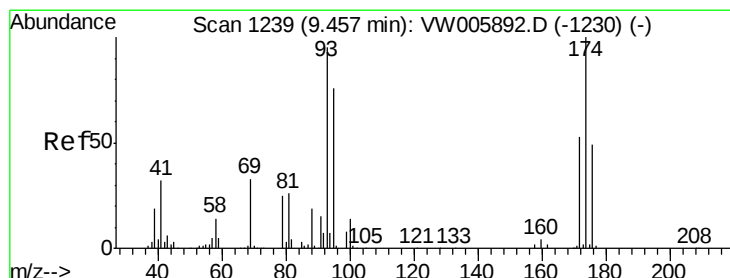
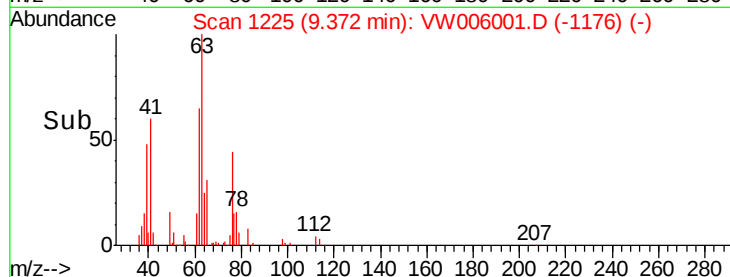
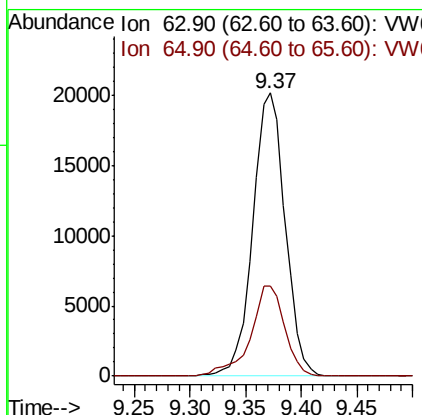
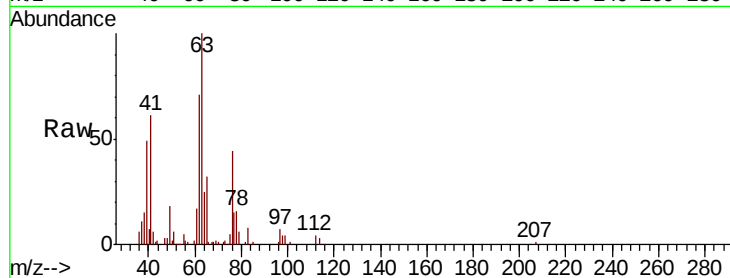
#45  
 1,2-Dichloropropane  
 Concen: 19.119 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. 0.00 min  
 Lab File: VW006001.D  
 Acq: 10 Oct 2018 22:32

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.7  | 24.3  | 36.5  |

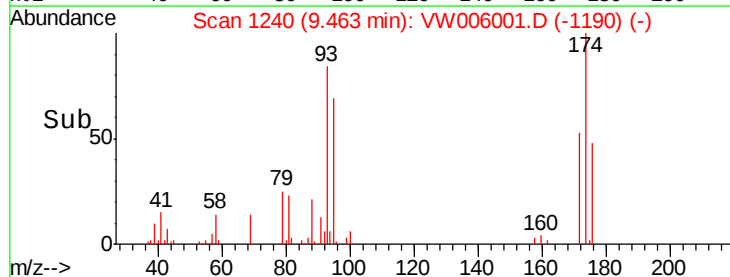
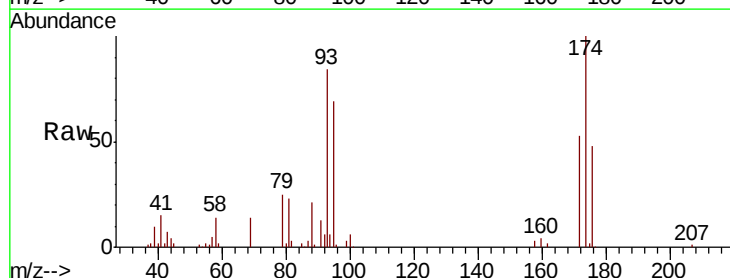
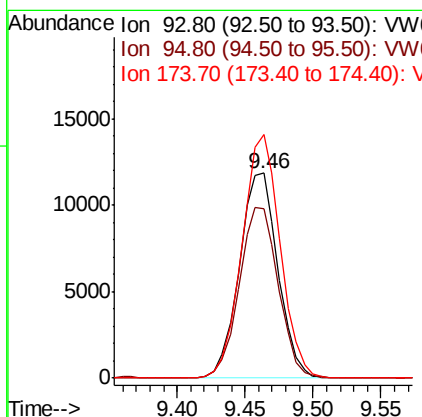
Manual Integrations  
 APPROVED

apatel  
 10/11/2018 2:21:12 PM



#46  
 Dibromomethane  
 Concen: 20.010 ug/l  
 RT: 9.46 min Scan# 1240  
 Delta R.T. 0.01 min  
 Lab File: VW006001.D  
 Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 84.4  | 66.6  | 99.8  |
| 174     | 118.1 | 90.4  | 135.6 |





#47

Bromodichloromethane

Concen: 18.469 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

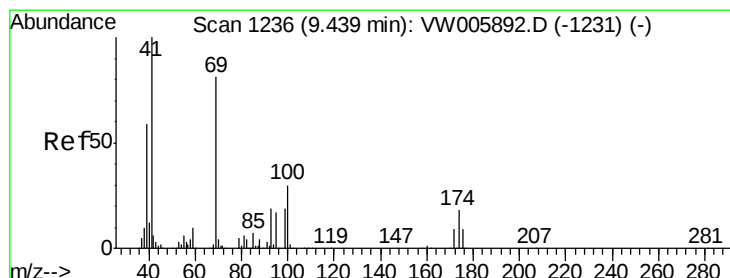
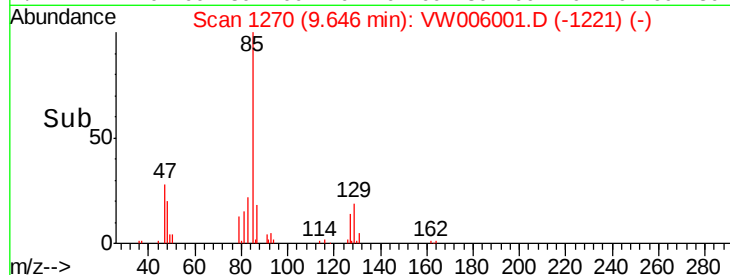
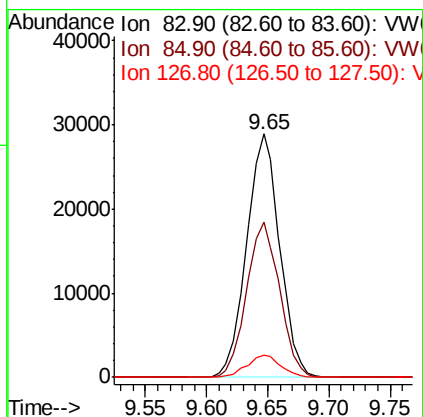
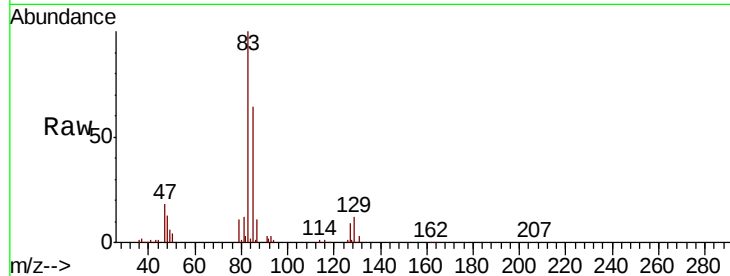
ClientSampleId :

VW1011SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 54416 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.9  | 53.0  | 79.6  |
| 127      | 8.9   | 7.4   | 11.0  |

Manual Integrations  
APPROVED

apatel  
10/11/2018 2:21:12 PM



#48

Methyl methacrylate

Concen: 18.042 ug/l

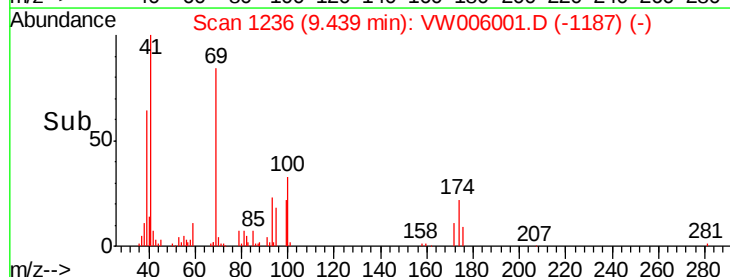
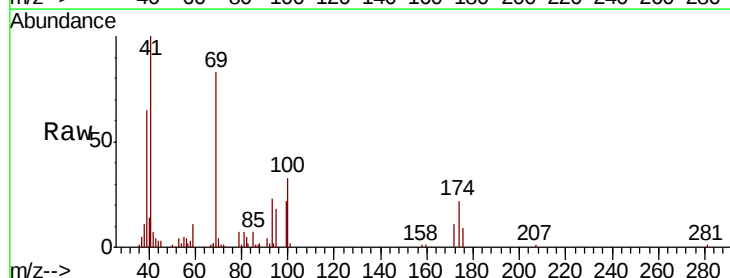
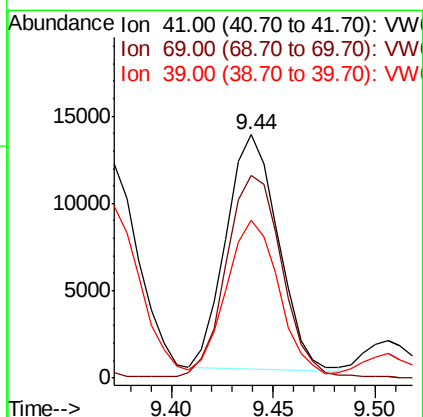
RT: 9.44 min Scan# 1236

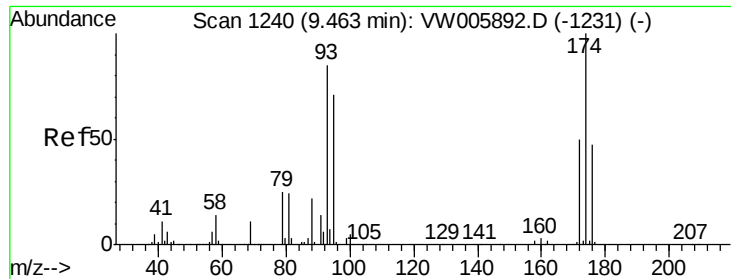
Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 23642 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 94.0  | 68.7  | 103.1 |
| 39       | 69.5  | 50.0  | 75.0  |





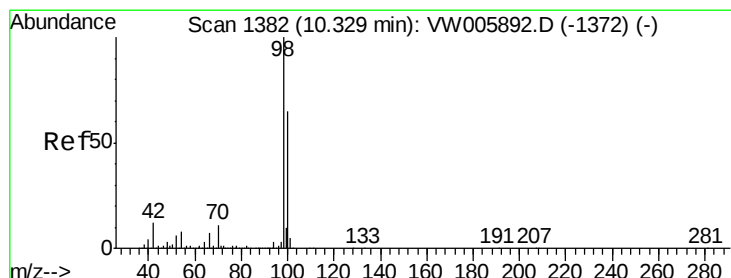
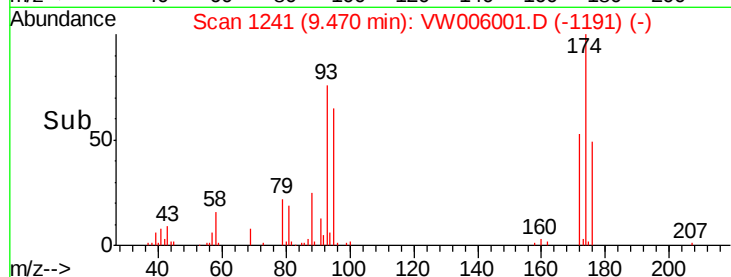
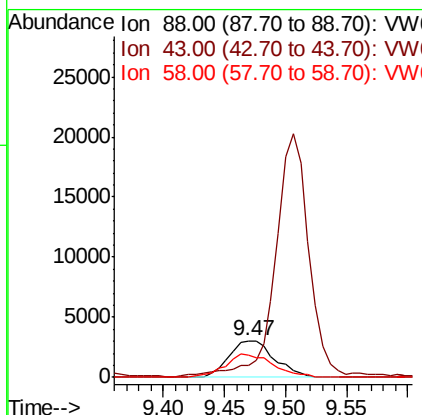
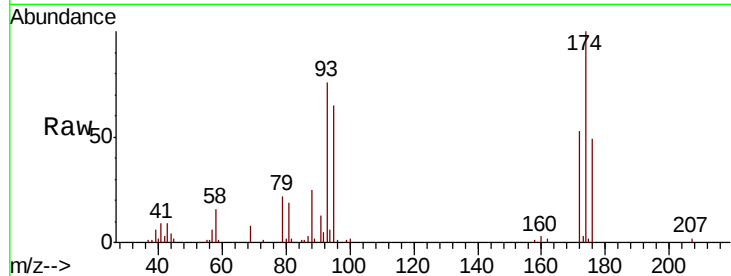
#49  
1,4-Dioxane  
Concen: 441.670 ug/l  
RT: 9.47 min Scan# 1241  
Delta R.T. 0.01 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 0.0   | 0.0   | 0.0   |
| 58      | 68.6  | 57.7  | 86.5  |

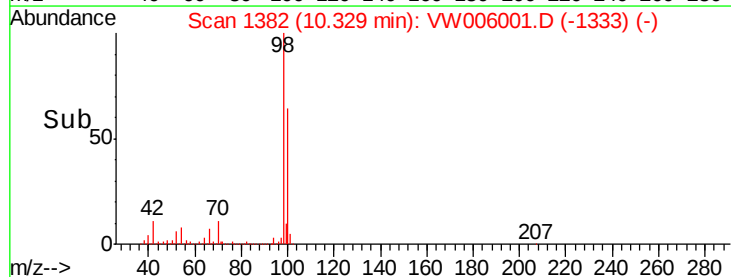
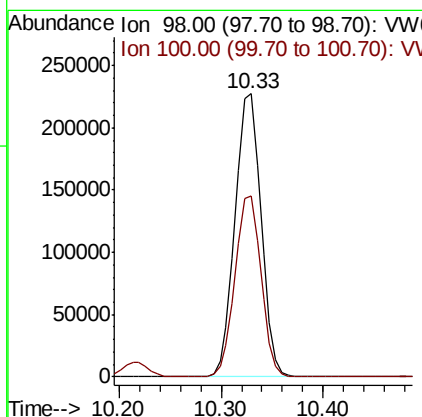
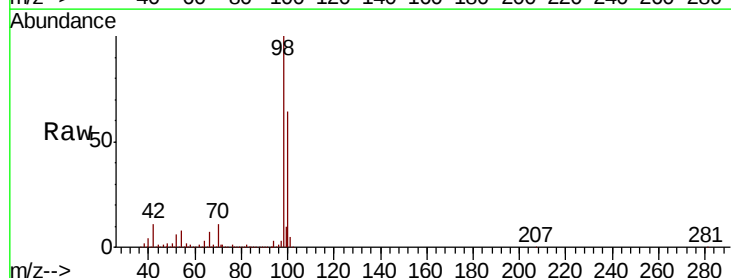
Manual Integrations  
APPROVED

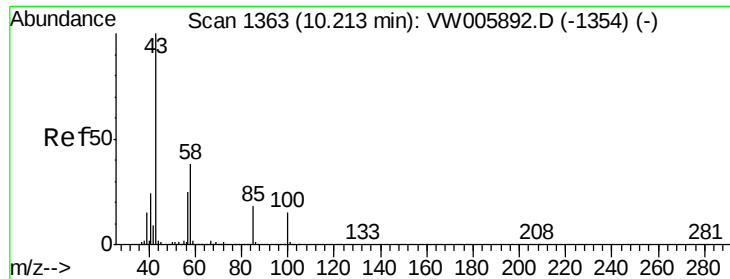
apatel  
10/11/2018 2:21:12 PM



#50  
Toluene-d8  
Concen: 50.397 ug/l  
RT: 10.33 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.9  | 51.9  | 77.9  |





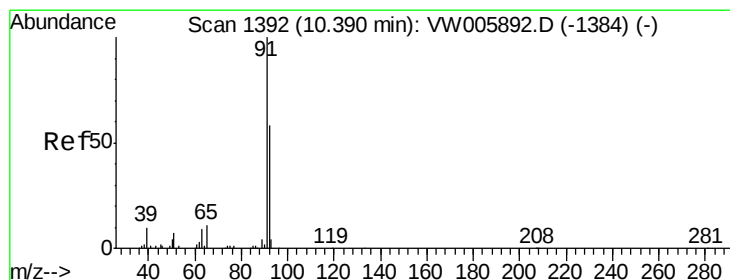
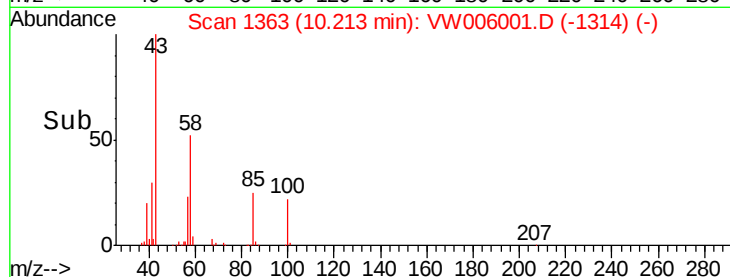
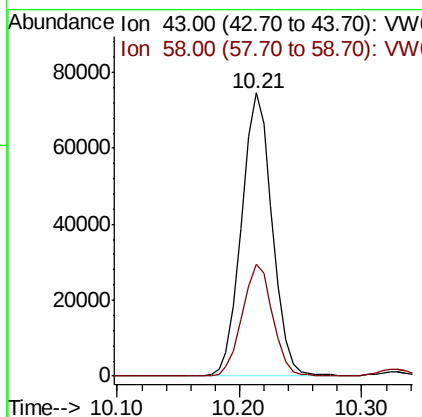
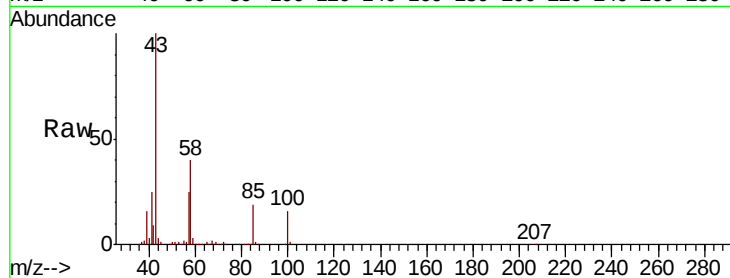
#51  
 4-Methyl-2-Pentanone  
 Concen: 96.619 ug/l  
 RT: 10.21 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: VW006001.D  
 Acq: 10 Oct 2018 22:32

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1011SBS01

| Tot Ion   | 43 | Resp | 129422 |
|-----------|----|------|--------|
| Ion Ratio | 43 | 100  |        |
| Lower     | 58 | 39.4 | 30.2   |
| Upper     |    |      | 45.4   |

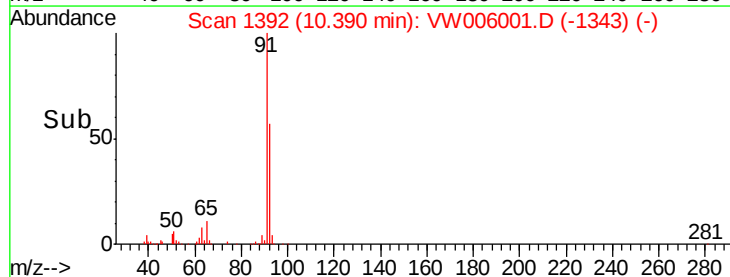
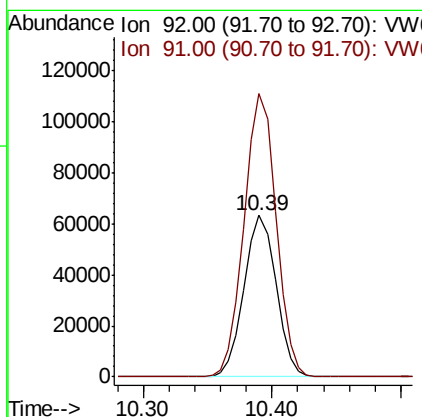
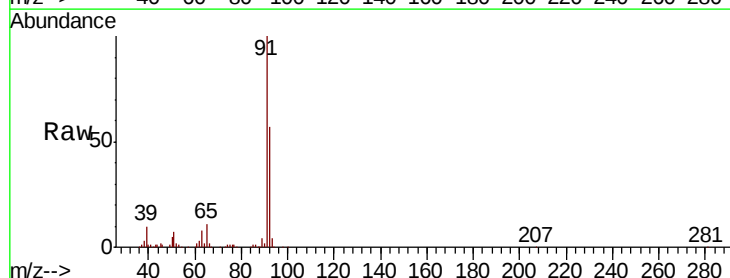
Manual Integrations  
 APPROVED

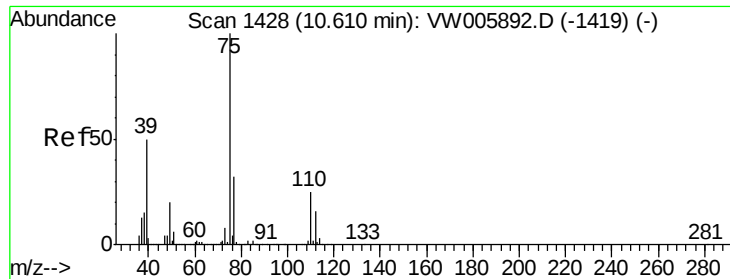
apatel  
 10/11/2018 2:21:12 PM



#52  
 Toluene  
 Concen: 19.465 ug/l  
 RT: 10.39 min Scan# 1392  
 Delta R.T. 0.00 min  
 Lab File: VW006001.D  
 Acq: 10 Oct 2018 22:32

| Tgt Ion   | 92 | Resp  | 108834 |
|-----------|----|-------|--------|
| Ion Ratio | 92 | 100   |        |
| Lower     | 91 | 175.3 | 138.2  |
| Upper     |    |       | 207.4  |





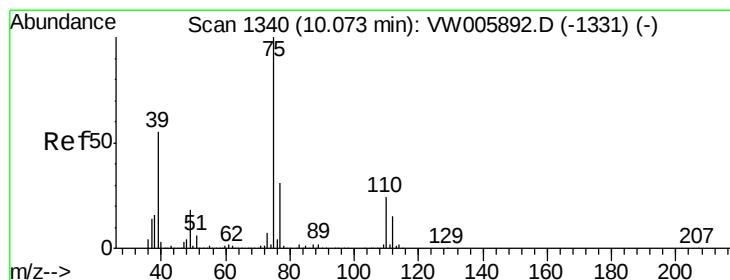
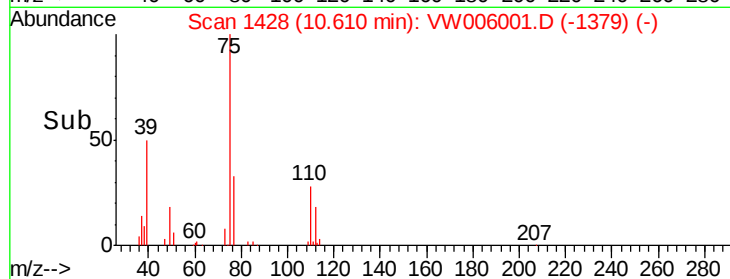
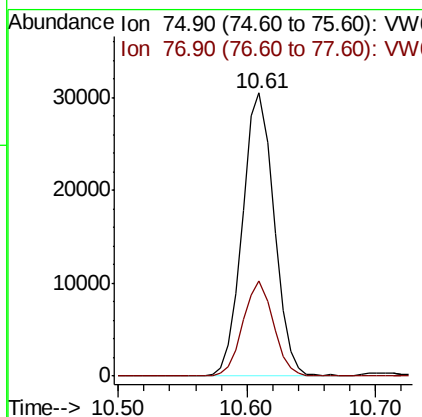
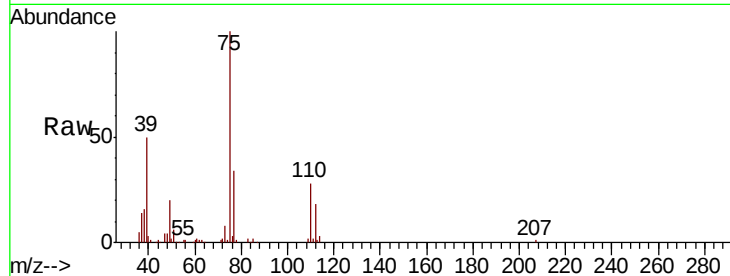
#53  
t-1,3-Dichloropropene  
Concen: 16.808 ug/l  
RT: 10.61 min Scan# 1428  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

Tot Ion: 75 Resp: 51754  
Ion Ratio Lower Upper  
75 100  
77 33.6 25.4 38.2

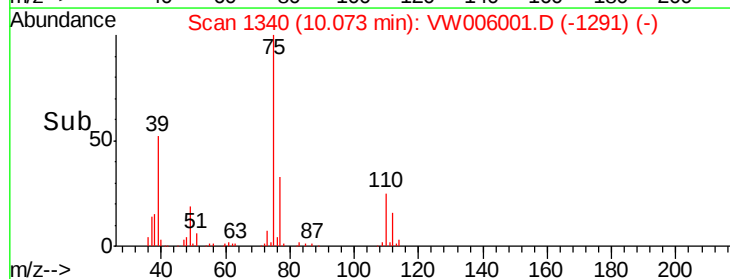
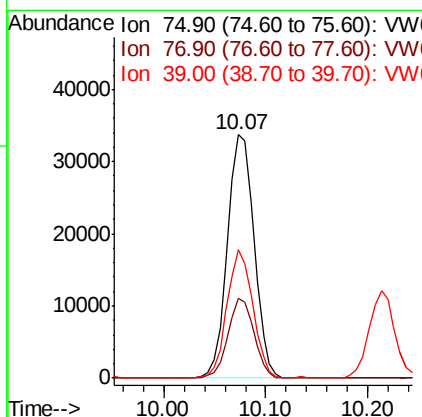
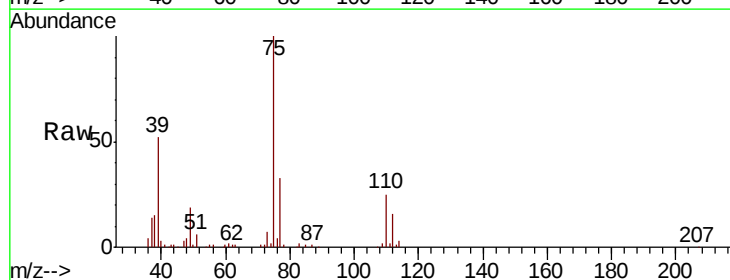
Manual Integrations  
APPROVED

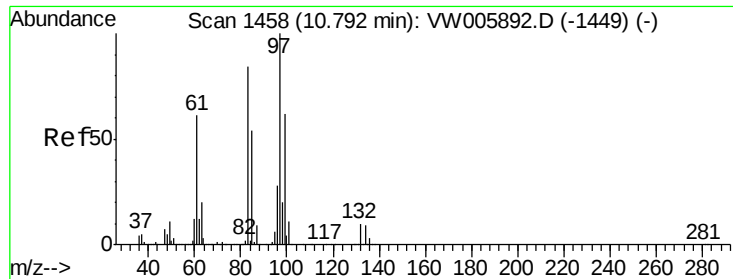
apatel  
10/11/2018 2:21:12 PM



#54  
cis-1,3-Dichloropropene  
Concen: 17.645 ug/l  
RT: 10.07 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Tgt Ion: 75 Resp: 61071  
Ion Ratio Lower Upper  
75 100  
77 32.5 24.6 37.0  
39 52.2 44.2 66.4





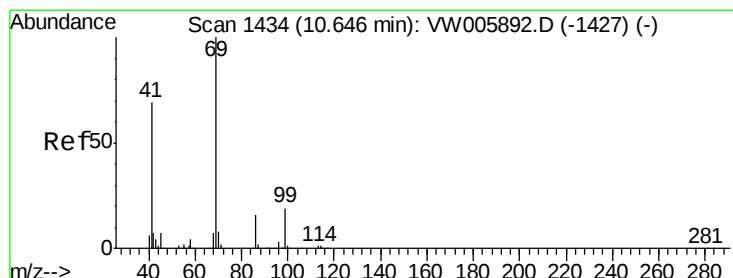
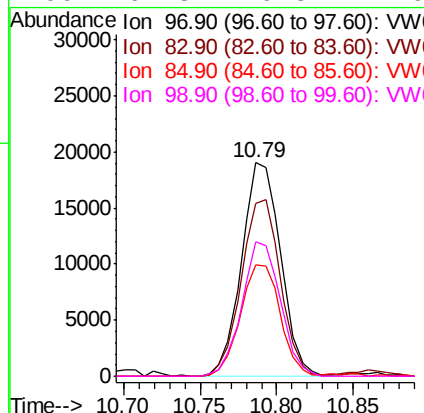
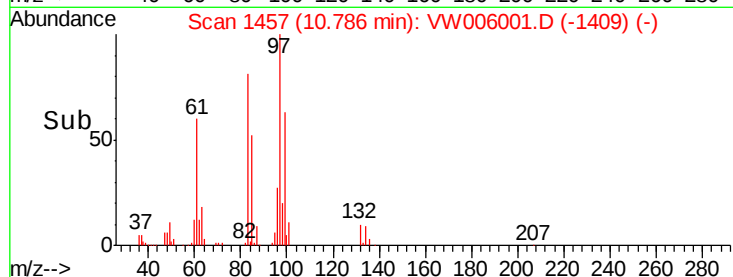
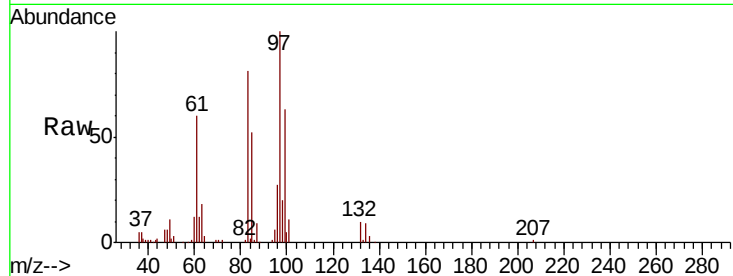
#55  
 1,1,2-Trichloroethane  
 Concen: 20.854 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.01 min  
 Lab File: VW006001.D  
 Acq: 10 Oct 2018 22:32

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1011SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 33819 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.9  | 66.9  | 100.3 |
| 85       | 52.0  | 43.4  | 65.0  |
| 99       | 62.8  | 49.8  | 74.6  |

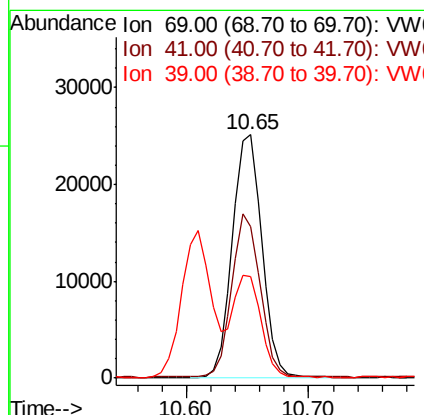
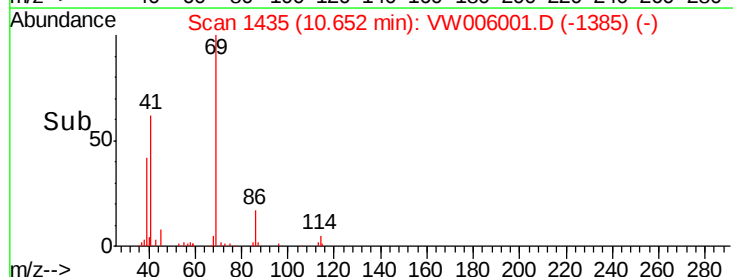
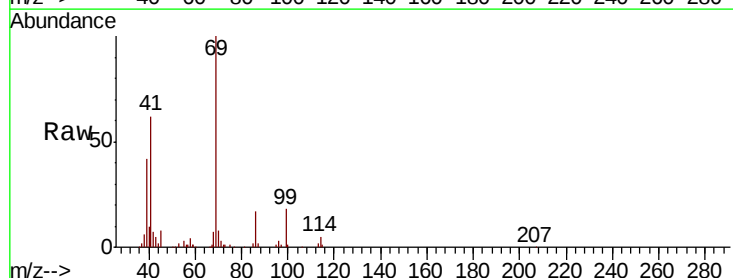
Manual Integrations  
 APPROVED

apatel  
 10/11/2018 2:21:12 PM



#56  
 Ethyl methacrylate  
 Concen: 19.300 ug/l  
 RT: 10.65 min Scan# 1435  
 Delta R.T. 0.01 min  
 Lab File: VW006001.D  
 Acq: 10 Oct 2018 22:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 42186 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 63.6  | 56.0  | 84.0  |
| 39       | 41.5  | 33.5  | 50.3  |





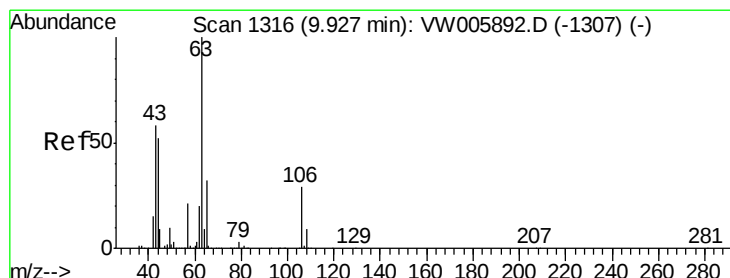
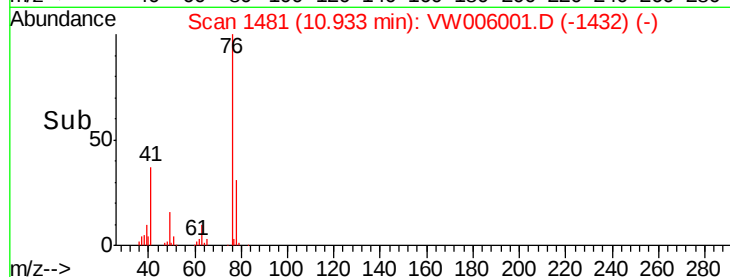
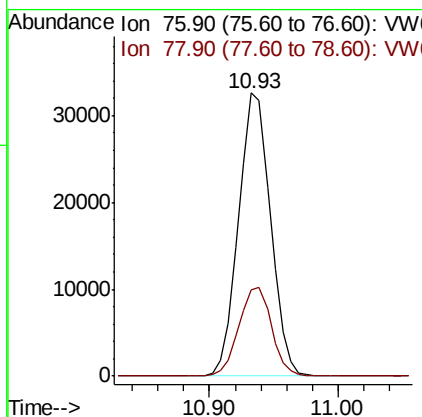
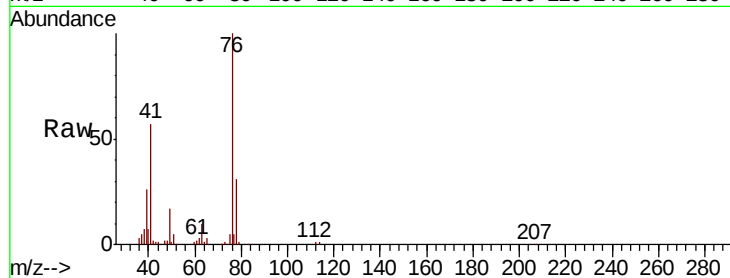
#57  
 1,3-Dichloropropane  
 Concen: 20.618 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. 0.00 min  
 Lab File: VW006001.D  
 Acq: 10 Oct 2018 22:32

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.9  | 25.8  | 38.6  |

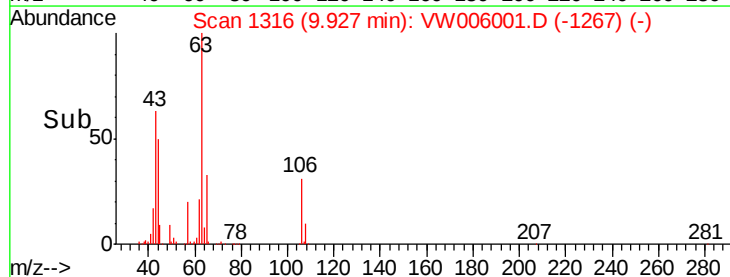
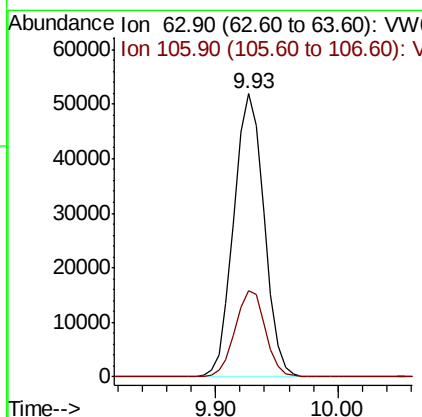
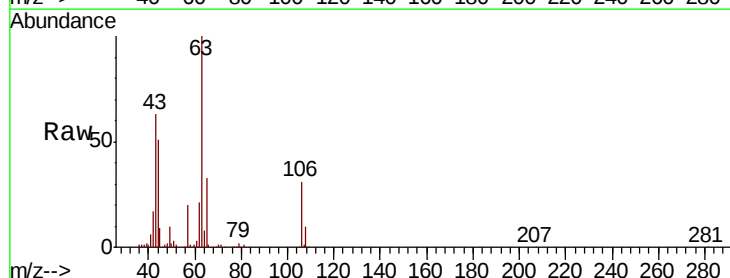
Manual Integrations  
 APPROVED

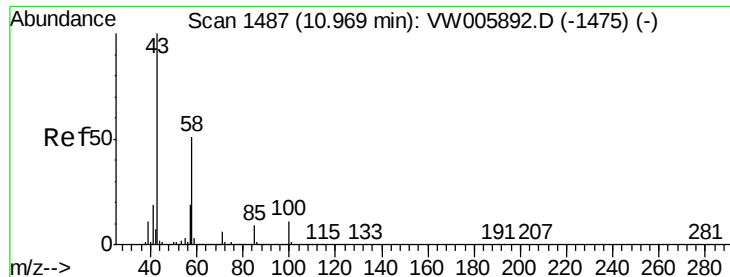
apatel  
 10/11/2018 2:21:12 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 100.150 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VW006001.D  
 Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 30.2  | 23.6  | 35.4  |





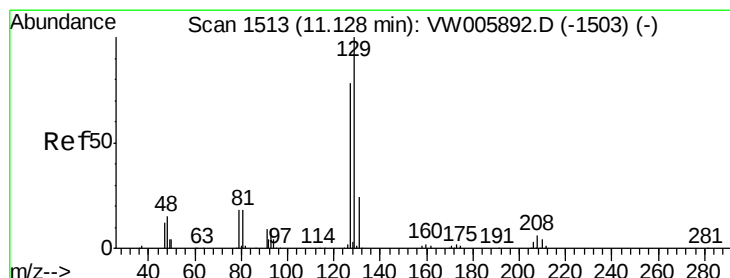
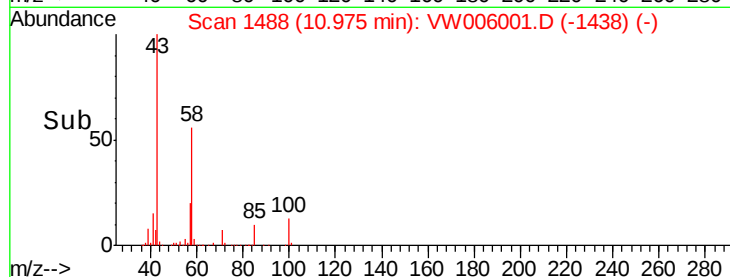
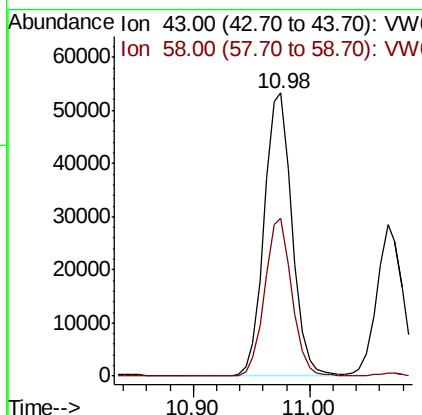
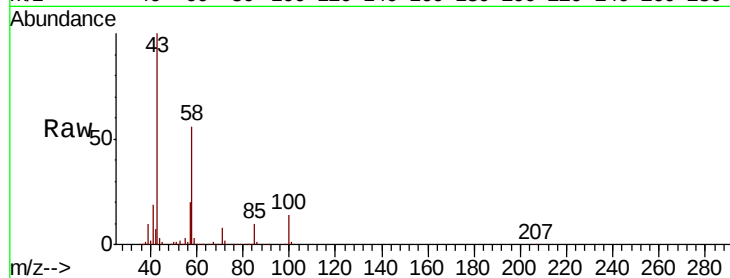
#59  
2-Hexanone  
Concen: 92.149 ug/l  
RT: 10.98 min Scan# 1488  
Delta R.T. 0.01 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

Tot Ion: 43 Resp: 88504  
Ion Ratio Lower Upper  
43 100  
58 54.7 25.7 77.1

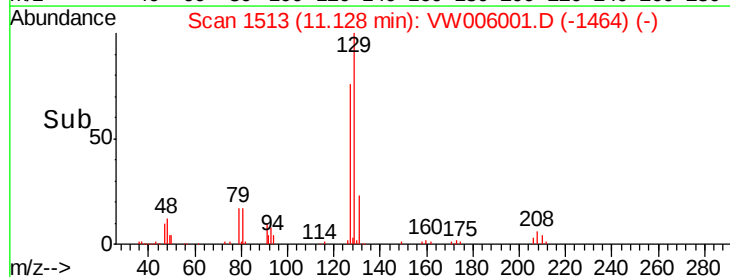
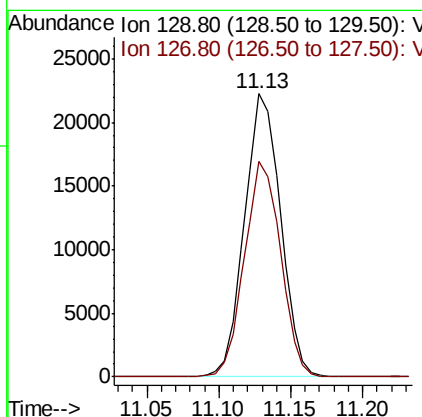
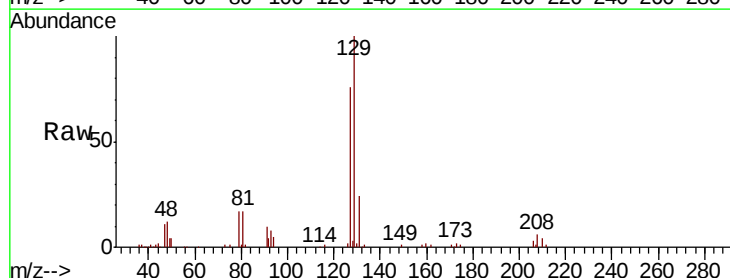
Manual Integrations  
APPROVED

apatel  
10/11/2018 2:21:12 PM



#60  
Dibromochloromethane  
Concen: 18.463 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Tgt Ion: 129 Resp: 38639  
Ion Ratio Lower Upper  
129 100  
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.785 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

ClientSampleId :

VW1011SBS01

Tot Ion: 107 Resp: 33683

Ion Ratio Lower Upper

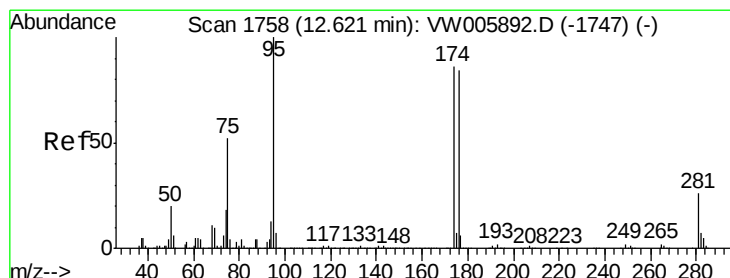
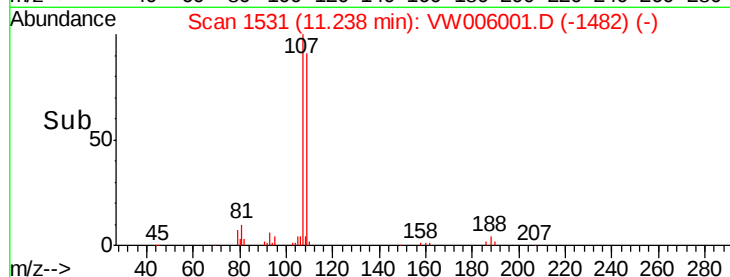
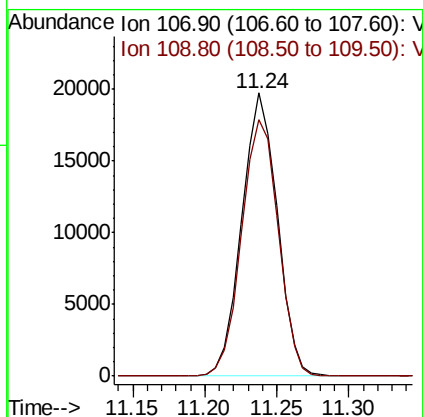
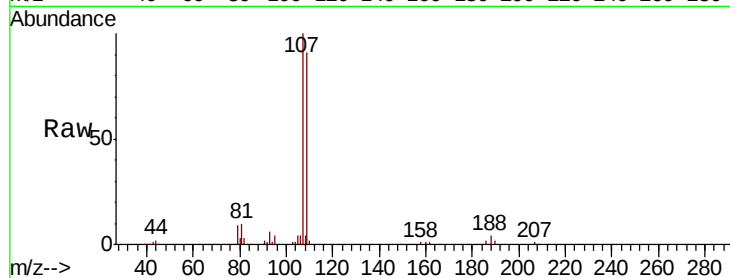
107 100

109 93.7 75.8 113.8

Manual Integrations  
APPROVED

apatel

10/11/2018 2:21:12 PM



#62

4-Bromofluorobenzene

Concen: 48.633 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

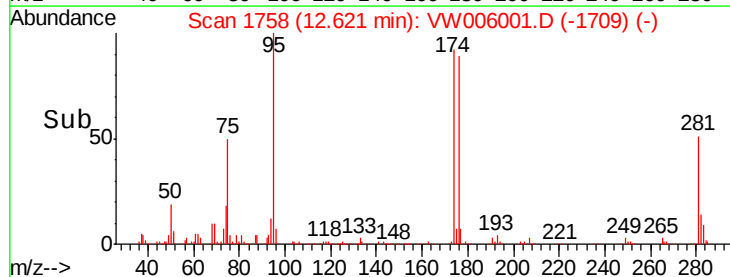
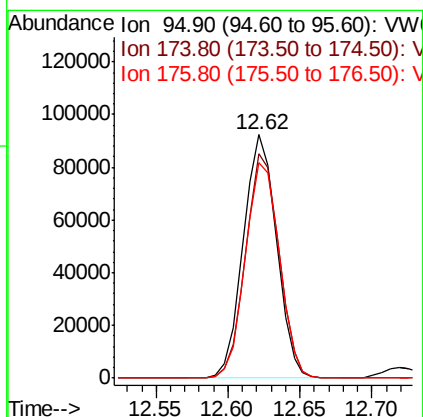
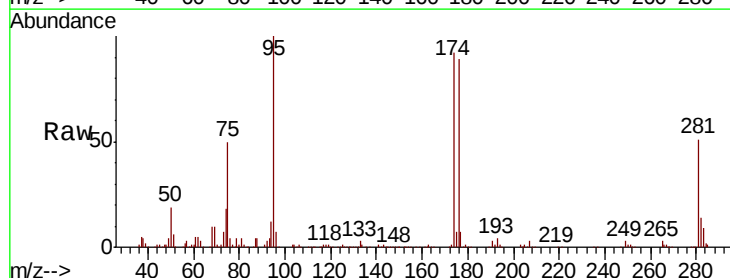
Tgt Ion: 95 Resp: 147502

Ion Ratio Lower Upper

95 100

174 92.3 0.0 176.4

176 90.5 0.0 173.0





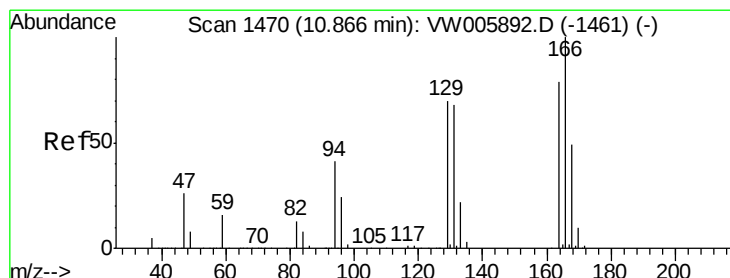
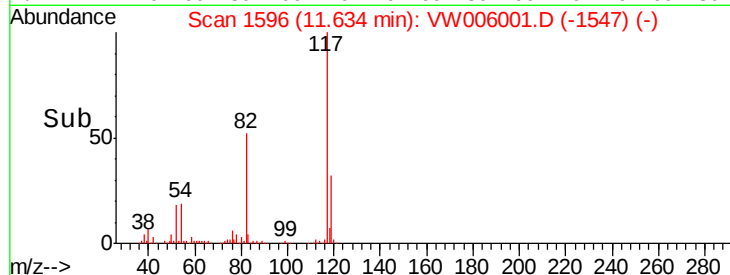
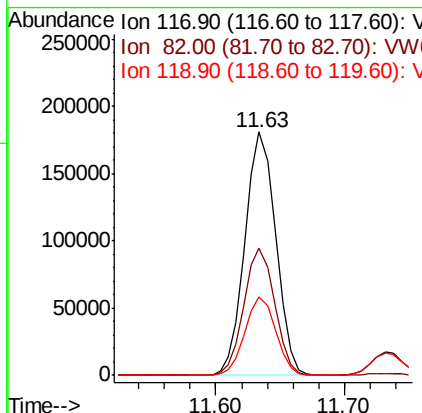
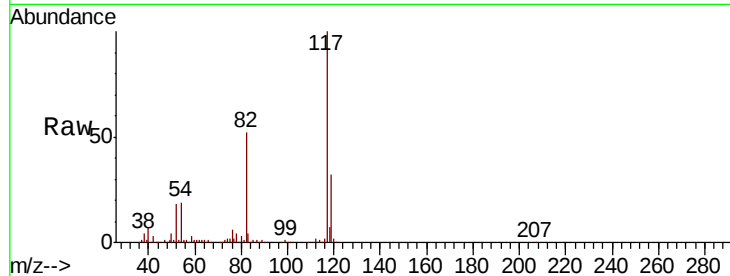
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.0  | 43.5  | 65.3  |
| 119     | 32.3  | 25.4  | 38.2  |

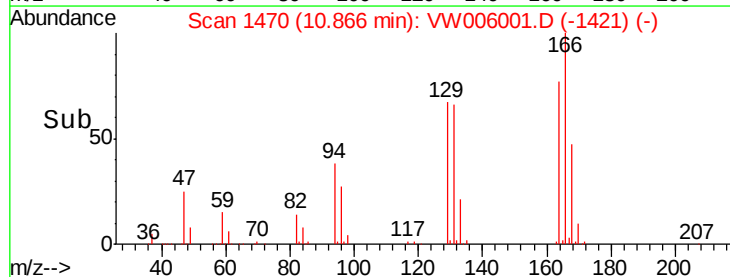
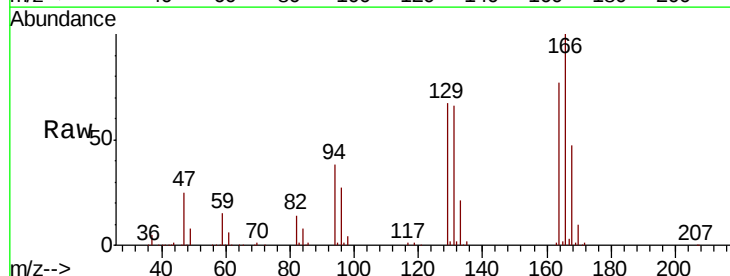
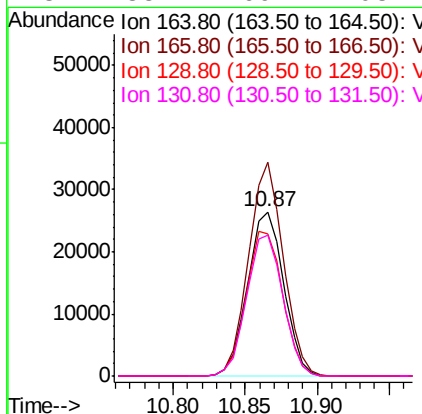
Manual Integrations  
APPROVED

apatel  
10/11/2018 2:21:12 PM



#64  
Tetrachloroethene  
Concen: 20.535 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.3 | 101.5 | 152.3 |
| 129     | 86.7  | 71.1  | 106.7 |
| 131     | 85.7  | 69.1  | 103.7 |





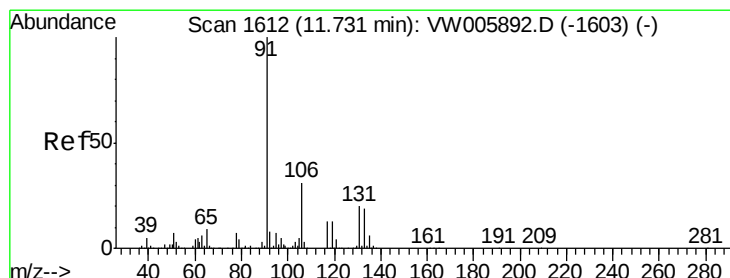
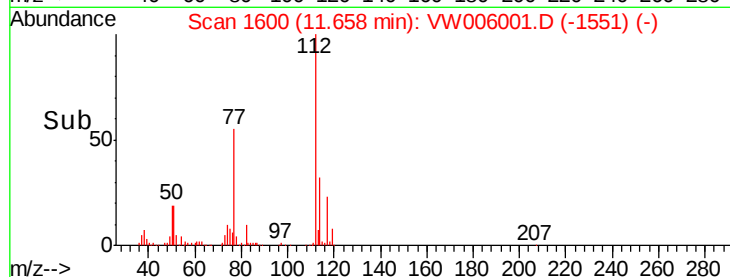
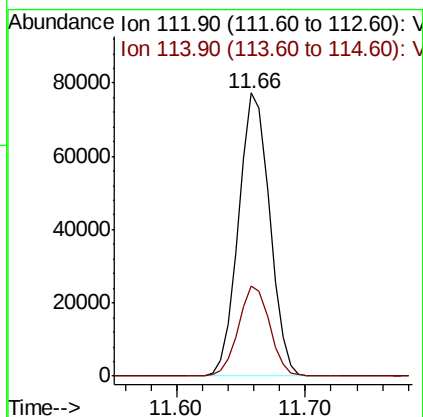
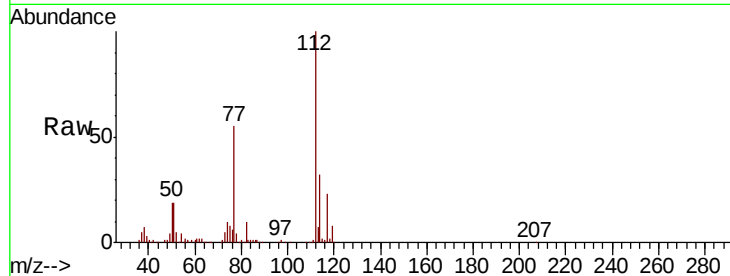
#65  
Chlorobenzene  
Concen: 20.161 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.7  | 25.6  | 38.4  |

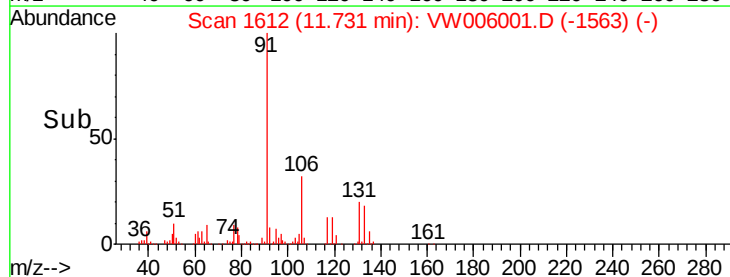
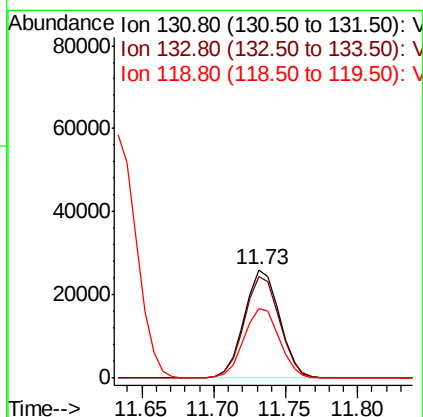
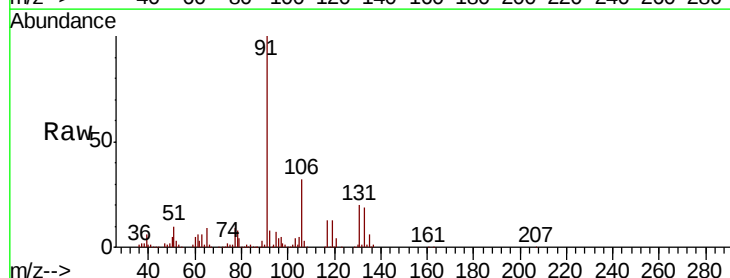
Manual Integrations  
APPROVED

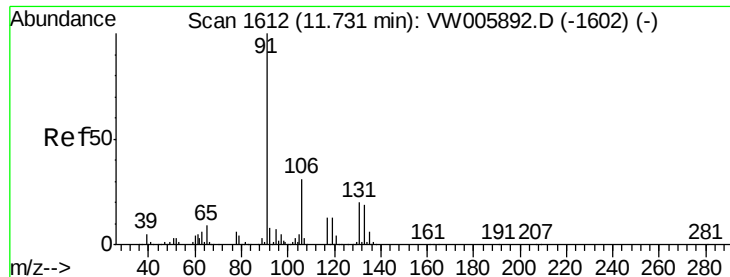
apatel  
10/11/2018 2:21:12 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.799 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 94.6  | 48.2  | 144.6 |
| 119     | 64.5  | 32.5  | 97.5  |





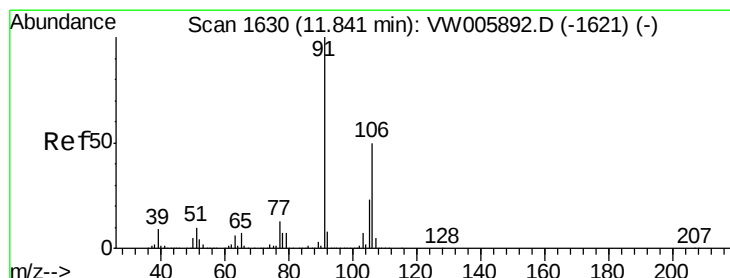
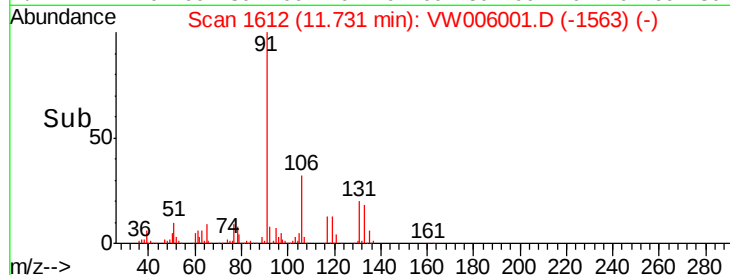
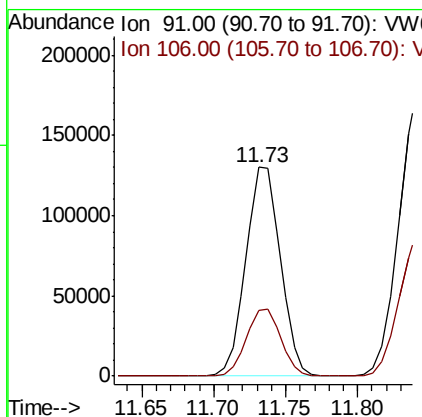
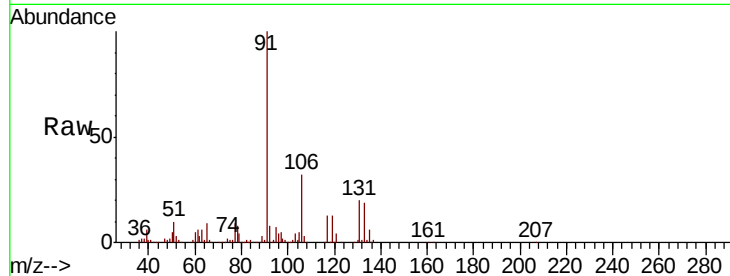
#67  
Ethyl Benzene  
Concen: 19.054 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion   | 91    | Resp  | 216068 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 106       | 31.7  | 25.0  | 37.6   |

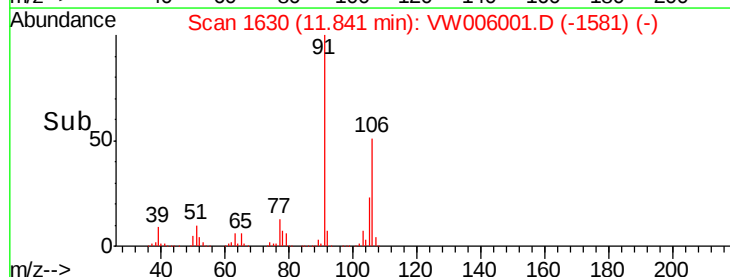
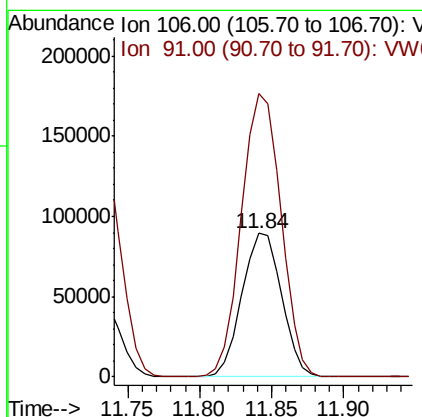
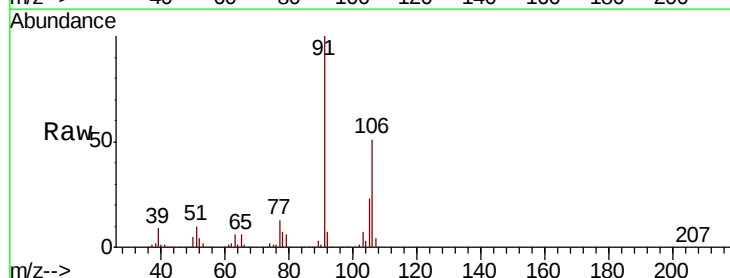
Manual Integrations  
APPROVED

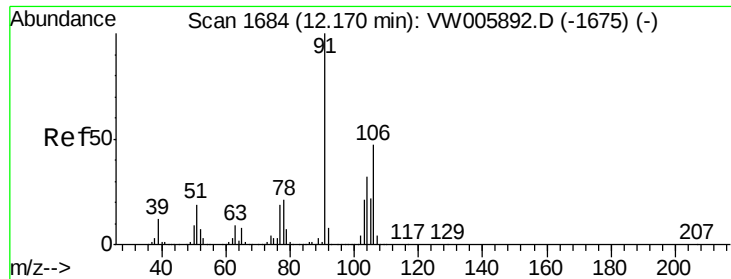
apatel  
10/11/2018 2:21:12 PM



#68  
m/p-Xylenes  
Concen: 38.472 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion   | 106   | Resp  | 170486 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 106       | 100   |       |        |
| 91        | 197.6 | 160.2 | 240.2  |





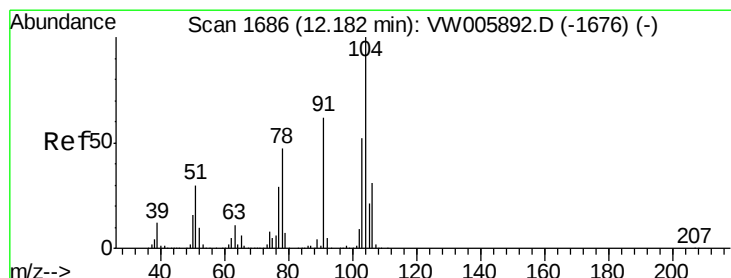
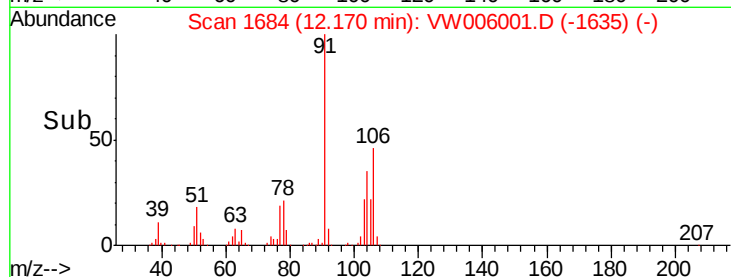
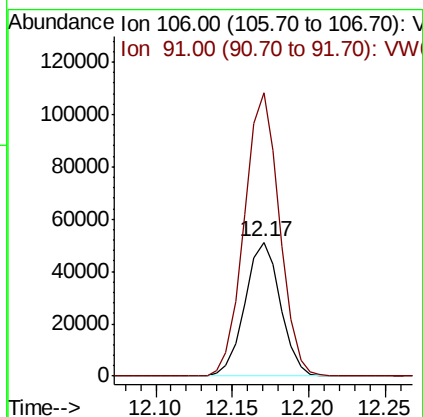
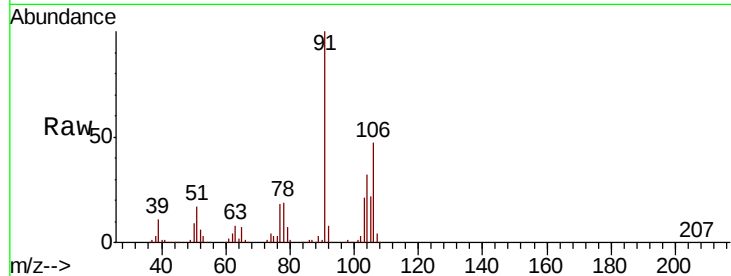
#69  
o-Xylene  
Concen: 19.414 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |
| 91      | 209.6 | 106.2 | 318.5 |       |

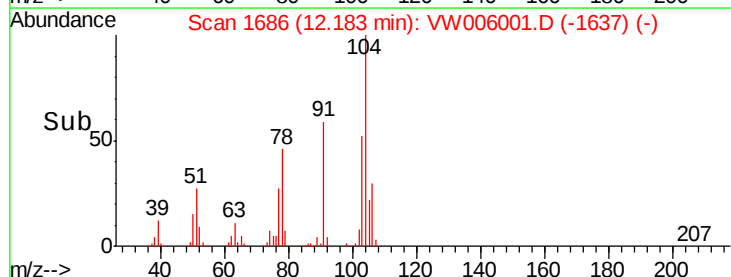
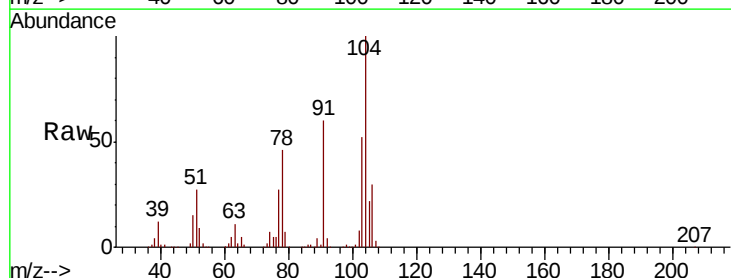
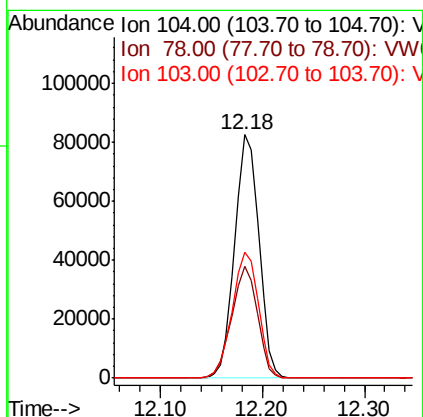
Manual Integrations  
APPROVED

apatel  
10/11/2018 2:21:12 PM



#70  
Styrene  
Concen: 19.267 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 104     | 100  |       |       |       |
| 78      | 48.8 | 40.4  | 60.6  |       |
| 103     | 56.0 | 44.2  | 66.2  |       |





#71

Bromoform

Concen: 17.390 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

ClientSampleId :

VW1011SBS01

Tot Ion:173 Resp: 24376

Ion Ratio Lower Upper

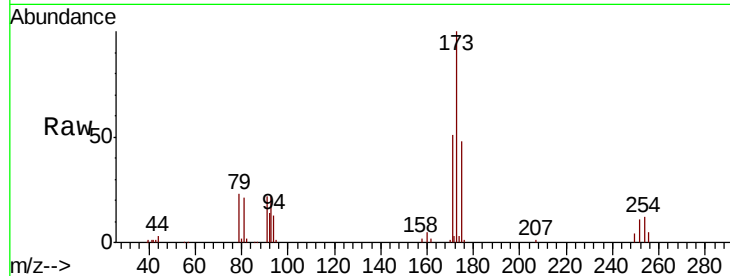
173 100

175 47.9 24.7 74.1

254 0.0 0.2 0.2#

Manual Integrations  
APPROVED

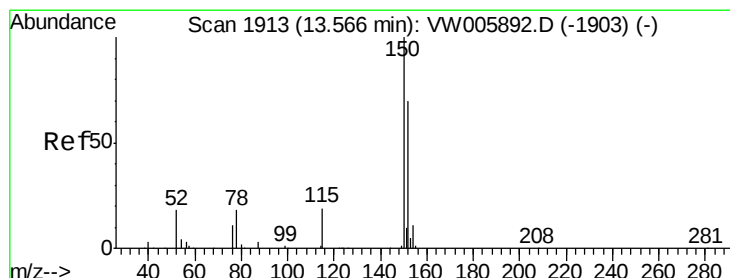
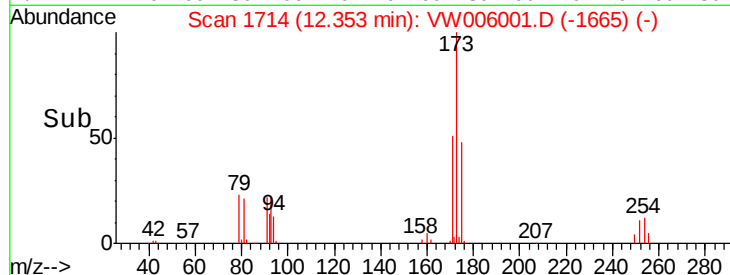
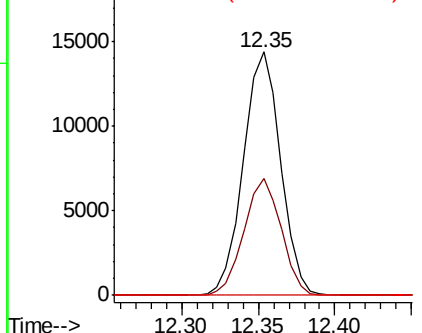
apatel  
10/11/2018 2:21:12 PM



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: VW006001.D

Acq: 10 Oct 2018 22:32

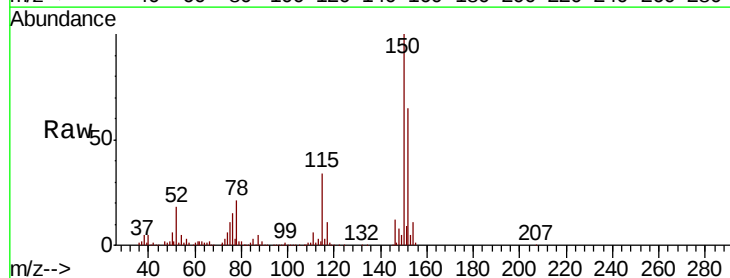
Tgt Ion:152 Resp: 164749

Ion Ratio Lower Upper

152 100

115 54.6 28.3 85.0

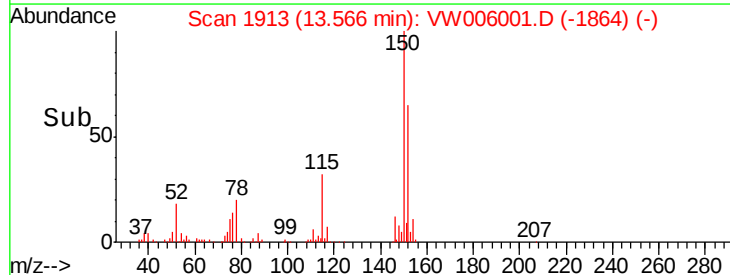
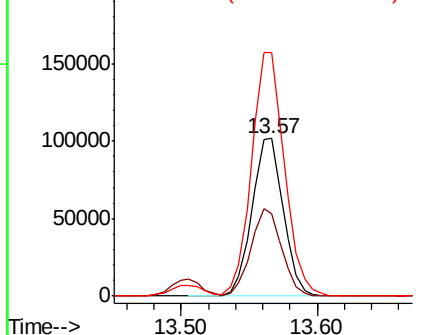
150 162.0 0.0 349.2

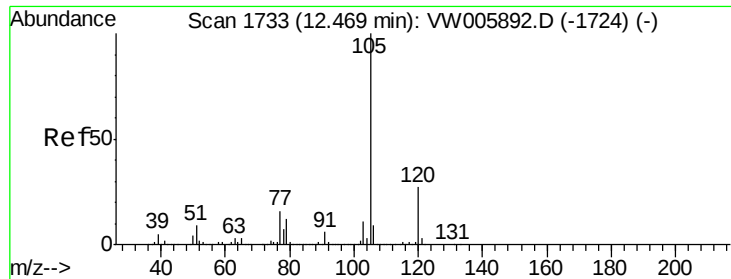


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.796 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

ClientSampleId :

VW1011SBS01

Tot Ion: 105 Resp: 226156

Ion Ratio Lower Upper

105 100

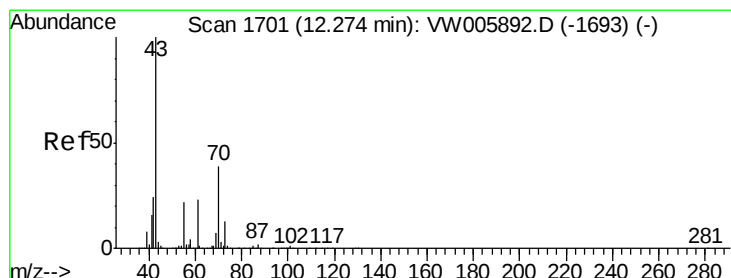
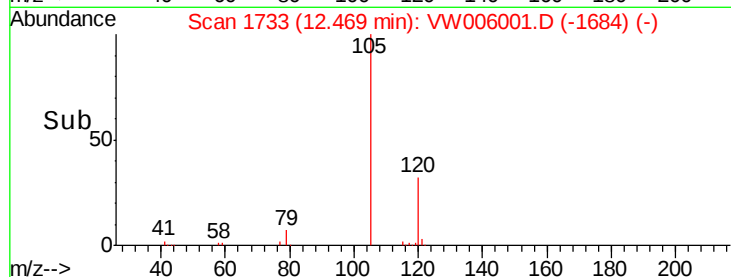
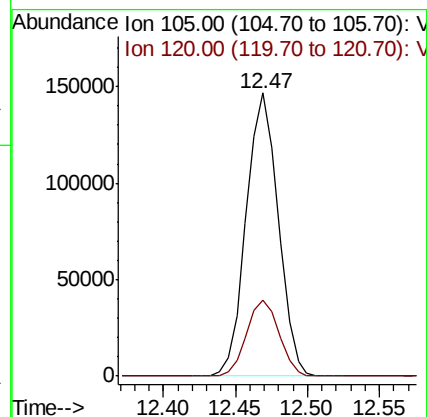
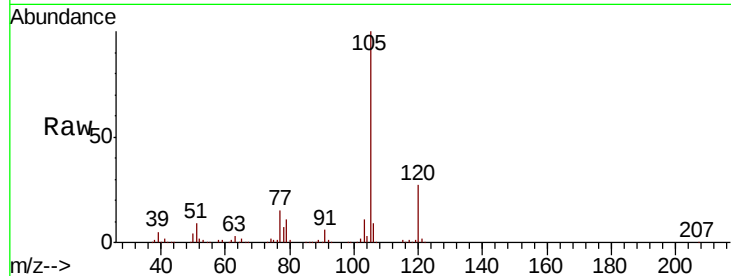
120 27.1 13.6 40.8

Manual Integrations

APPROVED

apatel

10/11/2018 2:21:12 PM



#74

N-ethyl acetate

Concen: 17.593 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Tgt Ion: 43 Resp: 50271

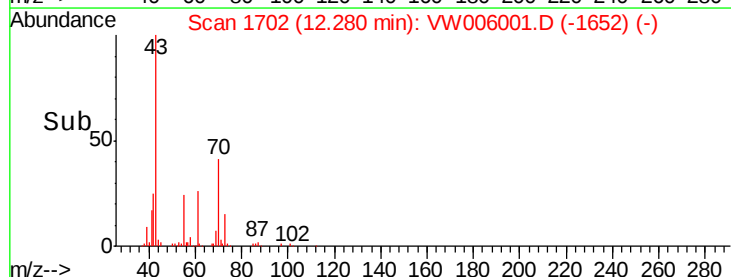
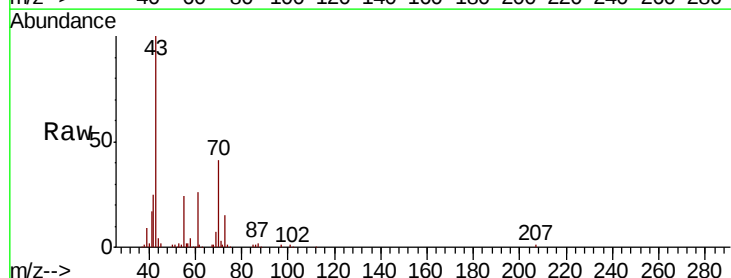
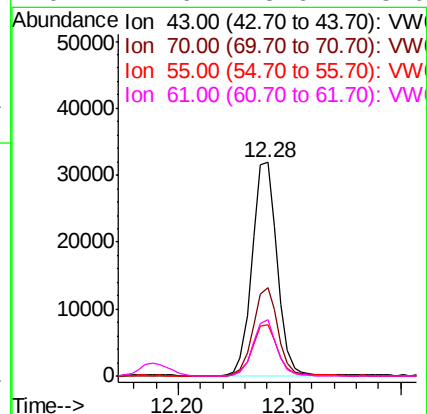
Ion Ratio Lower Upper

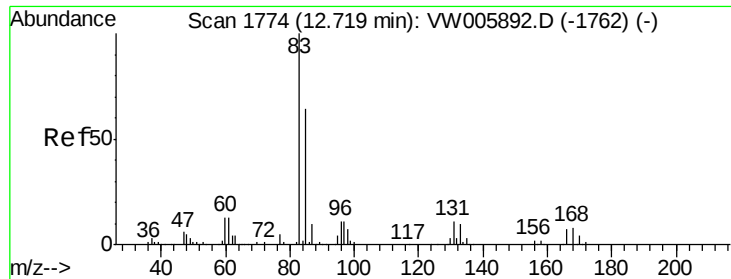
43 100

70 40.5 31.6 47.4

55 24.2 17.9 26.9

61 24.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.787 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

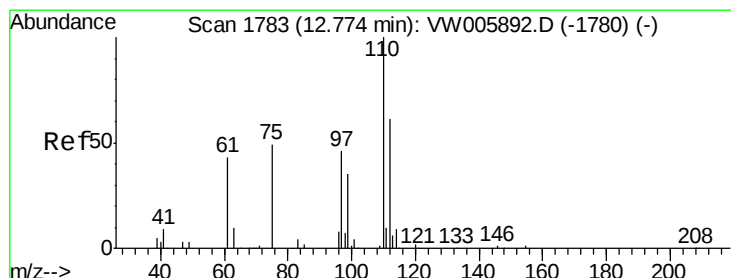
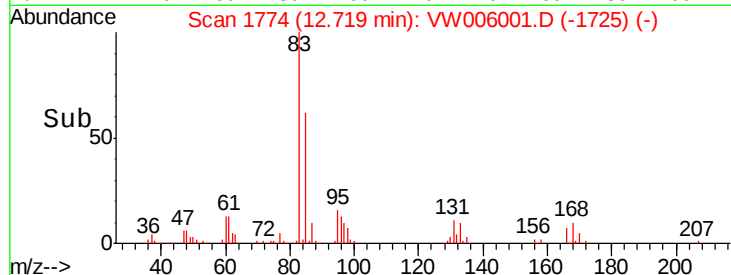
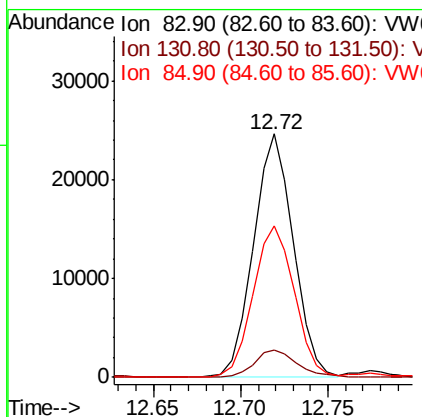
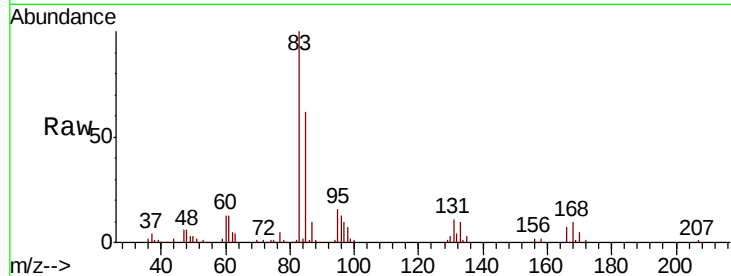
ClientSampleId :

VW1011SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 39021 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 12.2  | 5.8   | 17.3  |
| 85        | 64.1  | 32.4  | 97.0  |

Manual Integrations  
APPROVED

apatel  
10/11/2018 2:21:12 PM



#76

1,2,3-Trichloropropane

Concen: 20.372 ug/l m

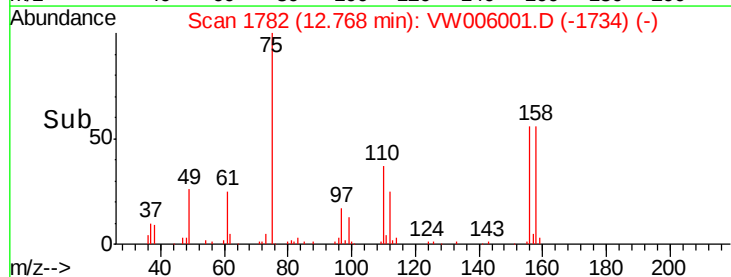
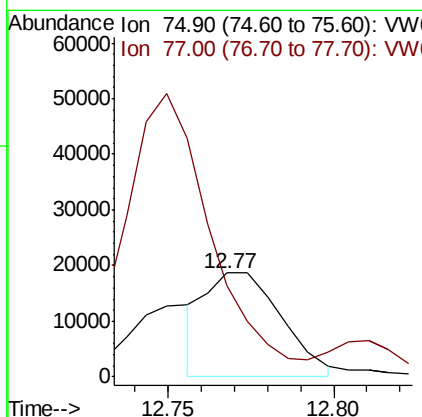
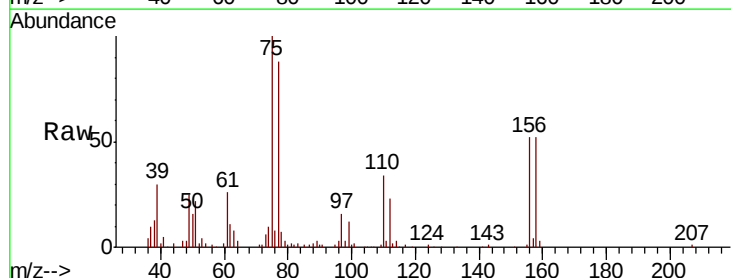
RT: 12.77 min Scan# 1782

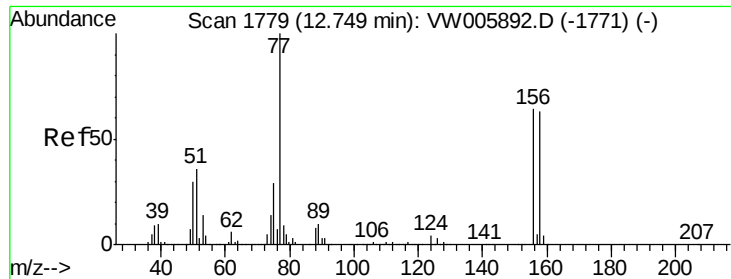
Delta R.T. -0.01 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 29981 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 309.2 | 0.0   | 0.0#  |





#77

Bromobenzene

Concen: 20.194 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

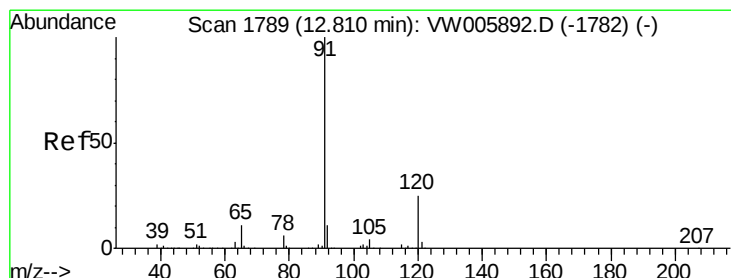
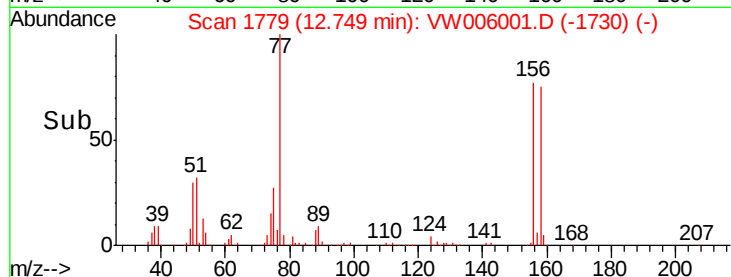
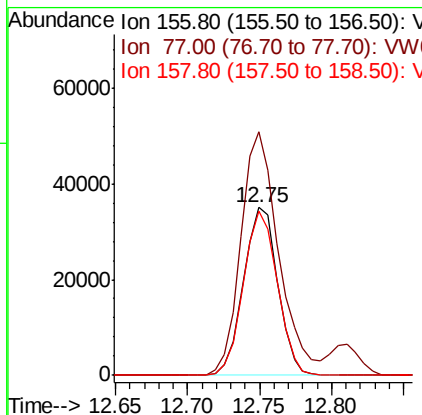
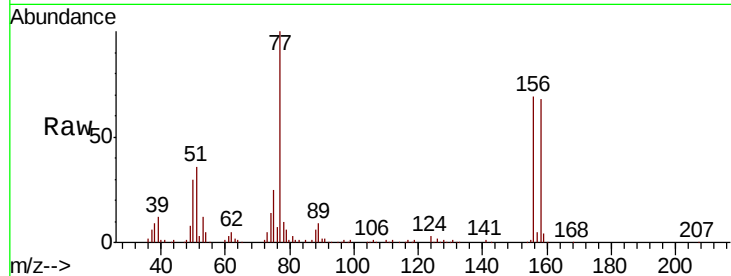
ClientSampleId :

VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 161.1 | 85.8  | 257.4 |
| 158     | 97.2  | 49.1  | 147.4 |

Manual Integrations  
APPROVED

apatel  
10/11/2018 2:21:12 PM



#78

n-propylbenzene

Concen: 18.714 ug/l

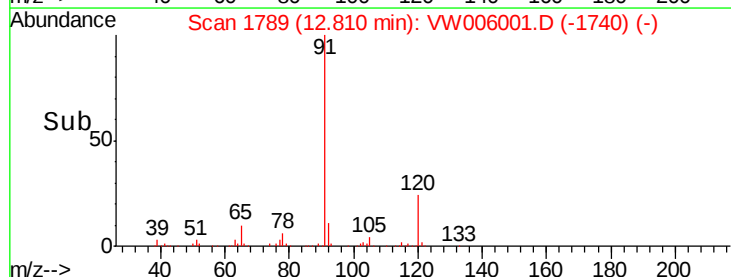
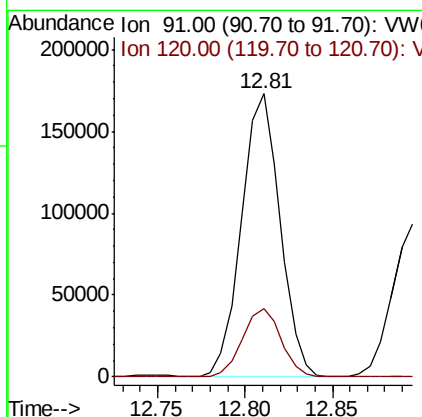
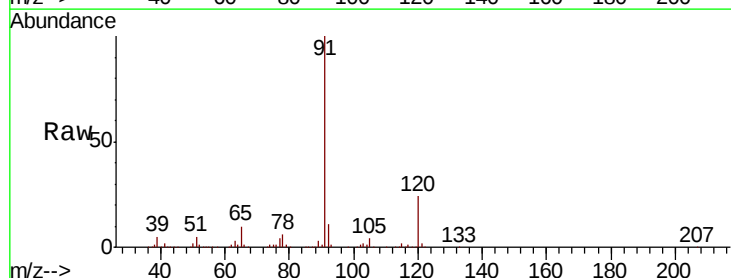
RT: 12.81 min Scan# 1789

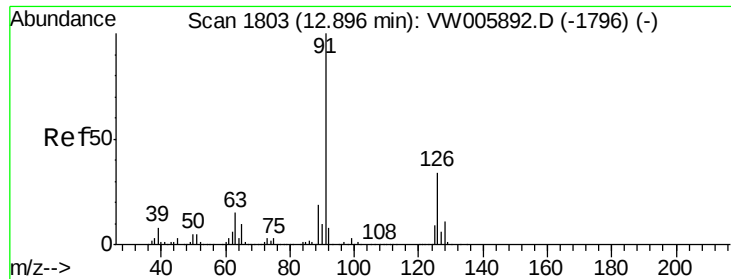
Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.3  | 12.0  | 36.0  |





#79

2-Chlorotoluene

Concen: 18.840 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

ClientSampleId :

VW1011SBS01

Tot Ion: 91 Resp: 150530

Ion Ratio Lower Upper

91 100

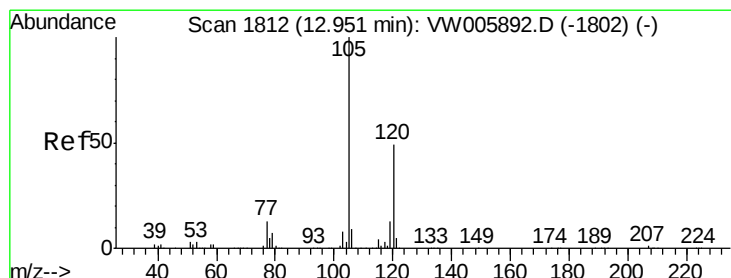
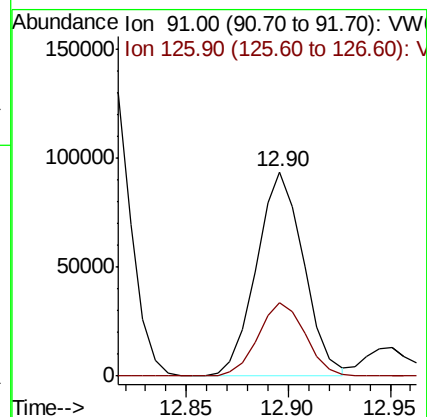
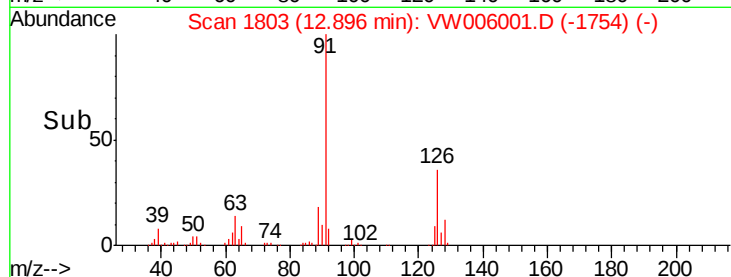
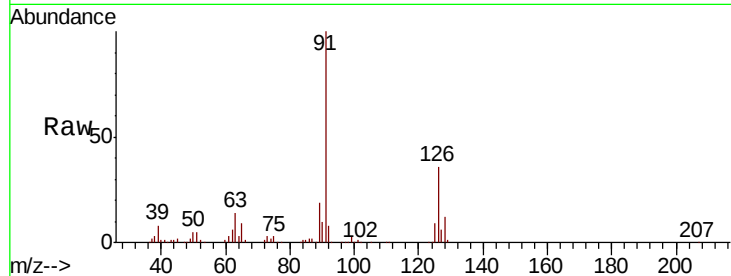
126 36.1 17.5 52.5

Manual Integrations

APPROVED

apatel

10/11/2018 2:21:12 PM



#80

1,3,5-Trimethylbenzene

Concen: 18.751 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006001.D

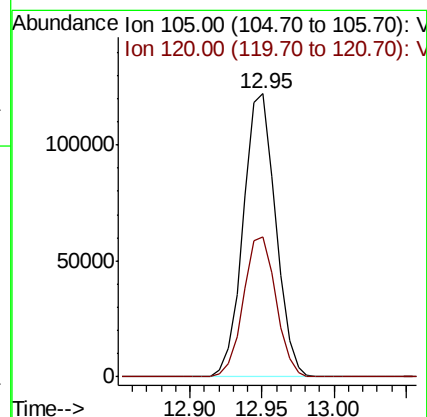
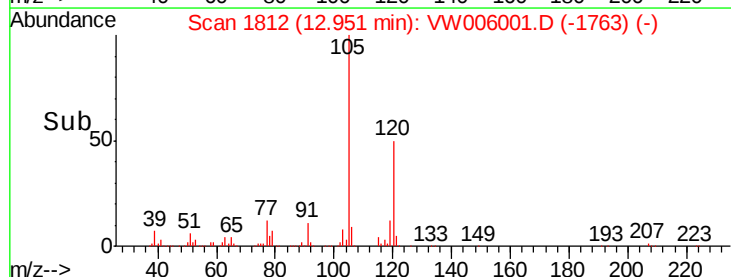
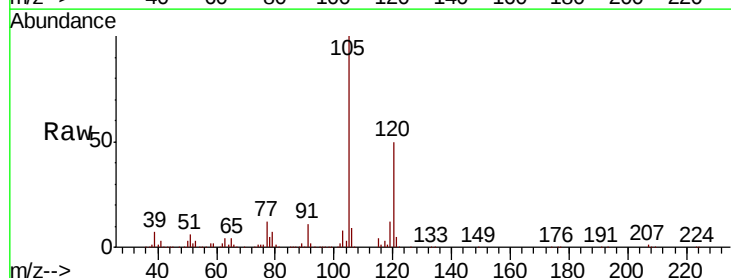
Acq: 10 Oct 2018 22:32

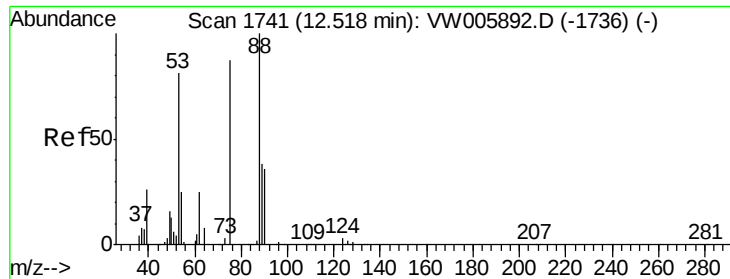
Tgt Ion:105 Resp: 190469

Ion Ratio Lower Upper

105 100

120 49.7 24.6 73.8





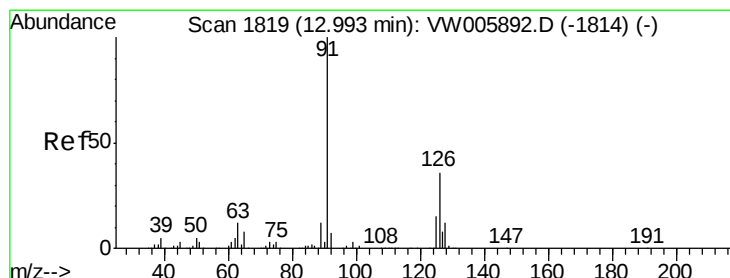
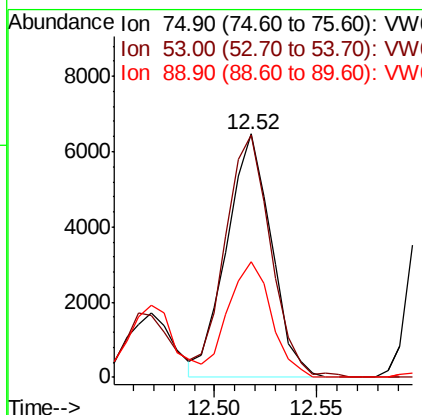
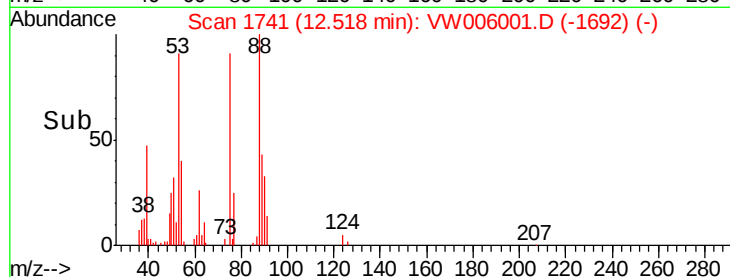
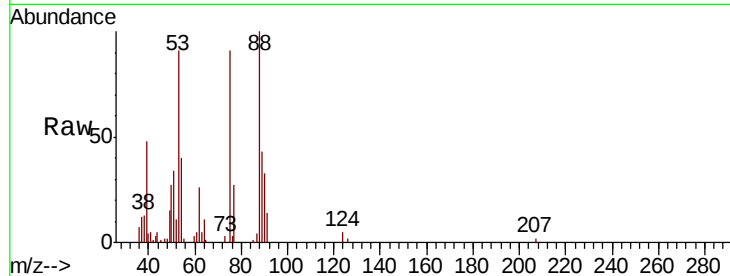
#81  
trans-1,4-Dichloro-2-butene  
Concen: 14.080 ug/l  
RT: 12.52 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 101.9 | 76.5  | 114.7 |
| 89      | 46.0  | 37.6  | 56.4  |

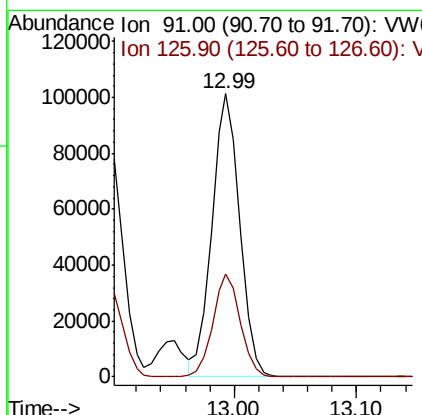
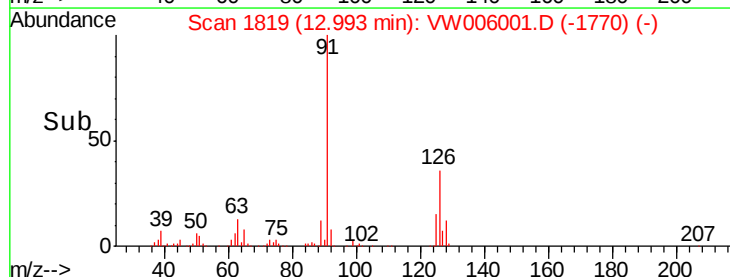
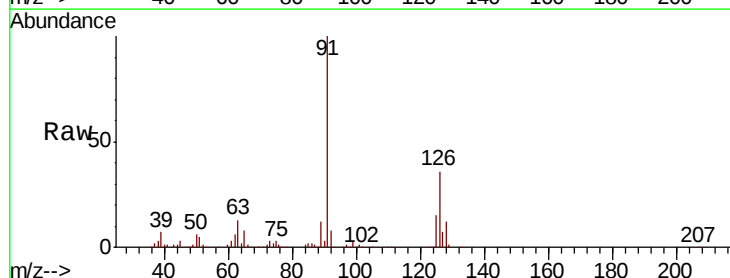
Manual Integrations  
APPROVED

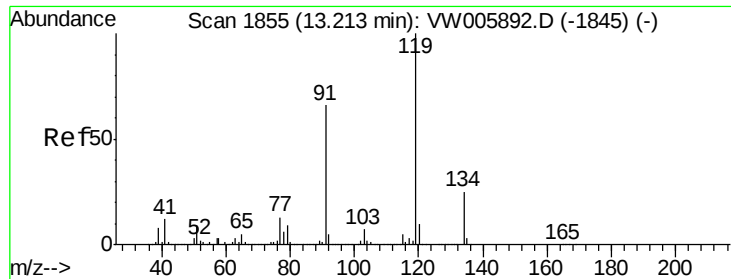
apatel  
10/11/2018 2:21:12 PM



#82  
4-Chlorotoluene  
Concen: 19.007 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.9  | 17.4  | 52.2  |





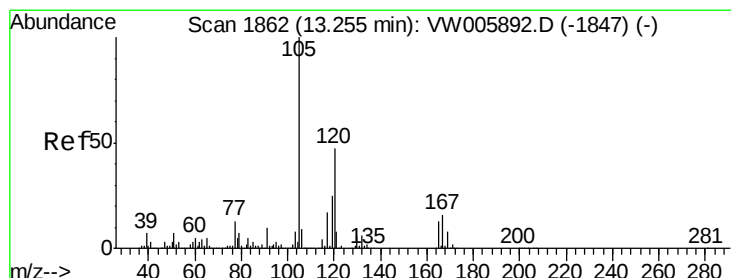
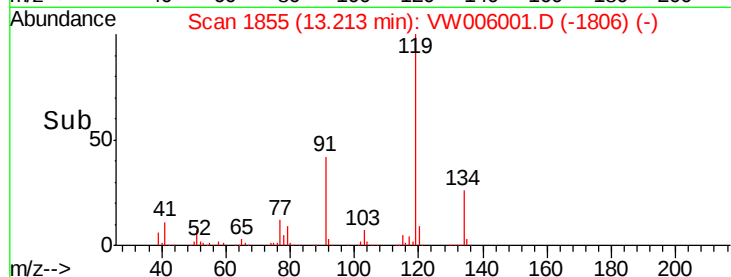
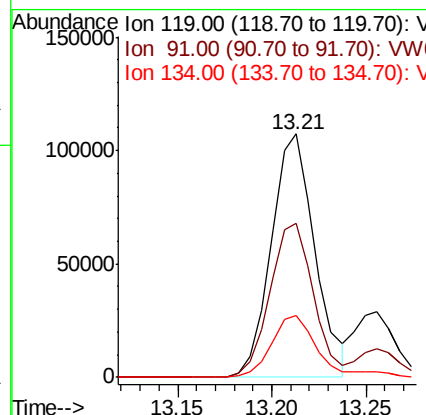
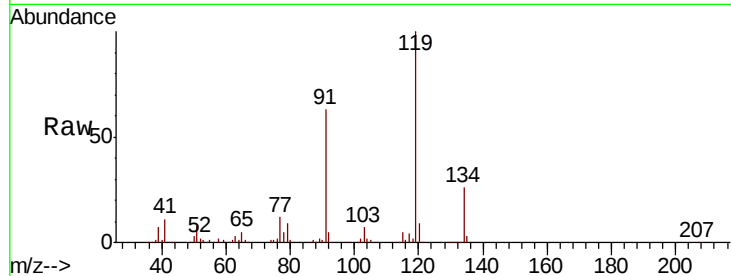
#83  
tert-Butylbenzene  
Concen: 19.047 ug/l  
RT: 13.21 min Scan# 1855  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 63.1  | 32.4  | 97.0  |
| 134     | 27.2  | 13.2  | 39.6  |

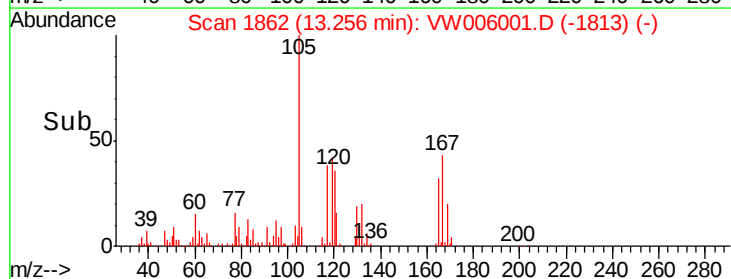
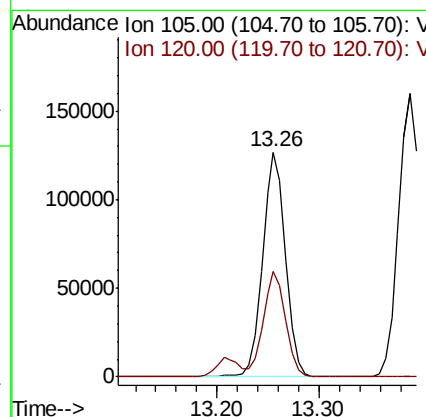
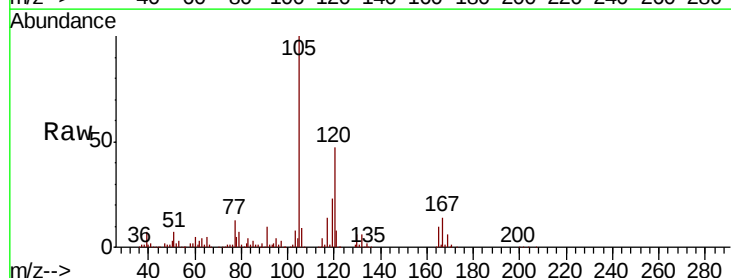
Manual Integrations  
APPROVED

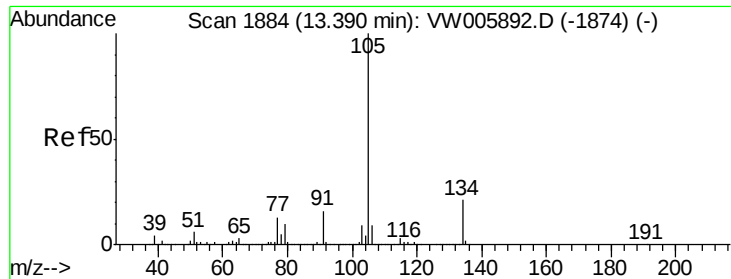
apatel  
10/11/2018 2:21:12 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 19.267 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.4  | 22.8  | 68.3  |





#85

sec-Butylbenzene

Concen: 19.080 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA\_W

ClientSampleId :

VW1011SBS01

Tot Ion:105 Resp: 241967

Ion Ratio Lower Upper

105 100

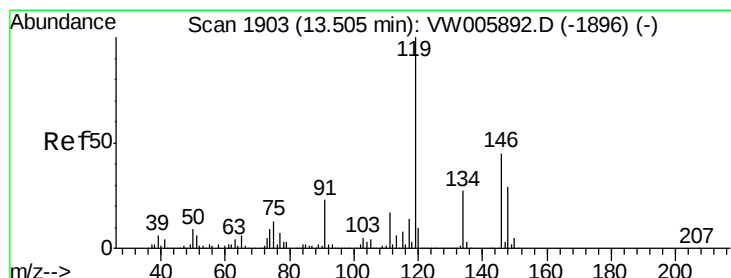
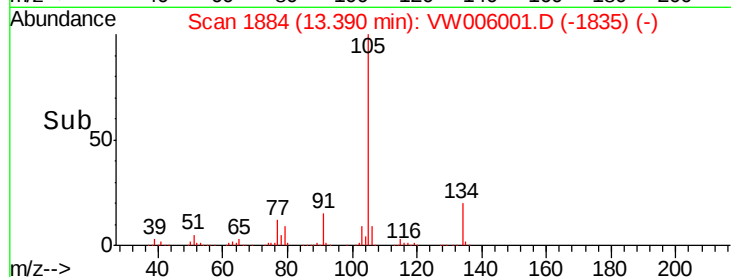
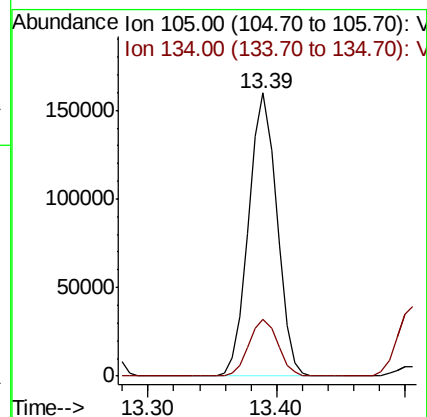
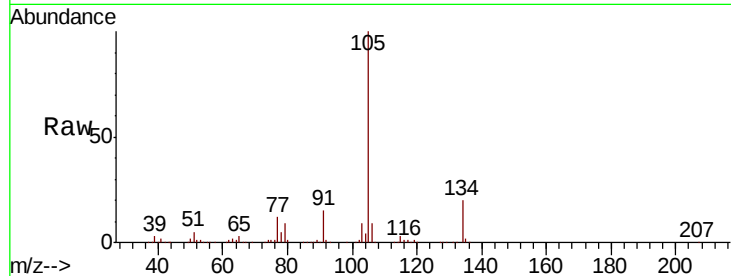
134 20.5 10.4 31.4

Manual Integrations

APPROVED

apatel

10/11/2018 2:21:12 PM



#86

p-Isopropyltoluene

Concen: 19.038 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

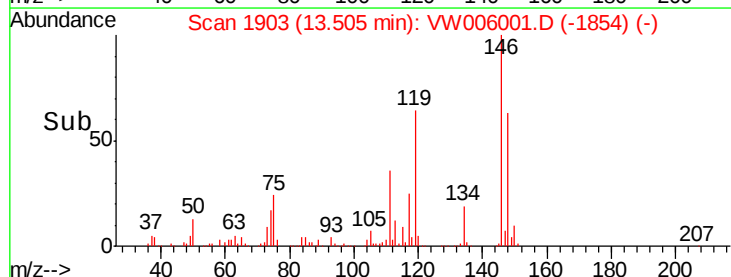
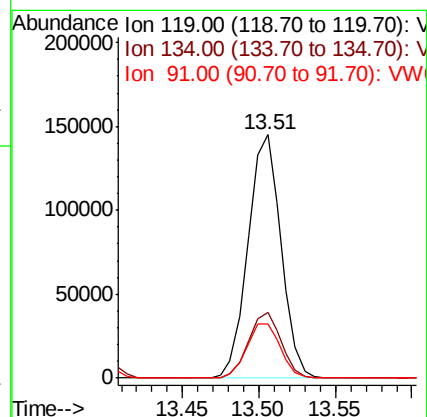
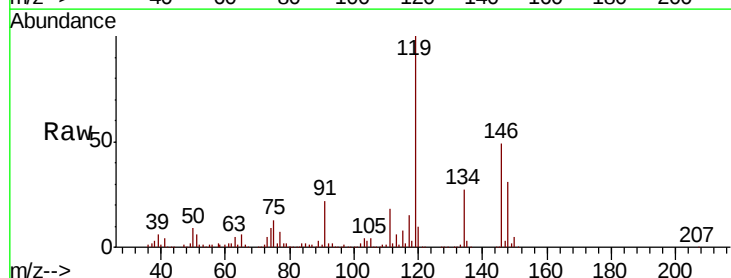
Tgt Ion:119 Resp: 217121

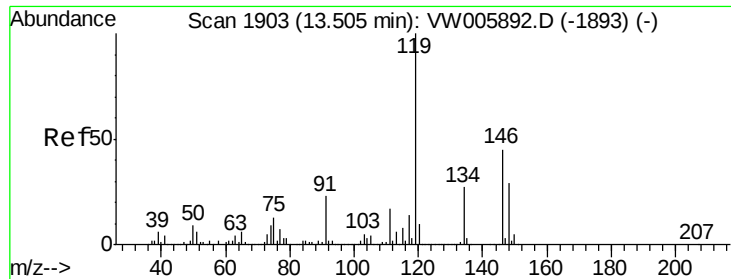
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 23.1 11.9 35.5





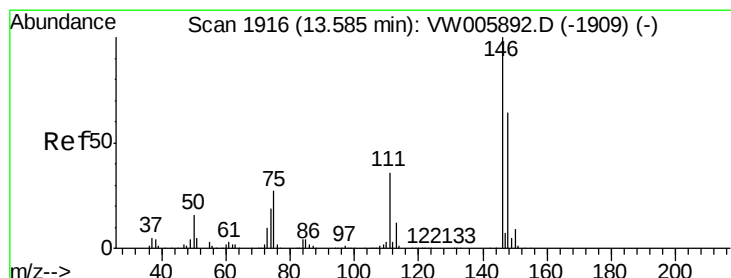
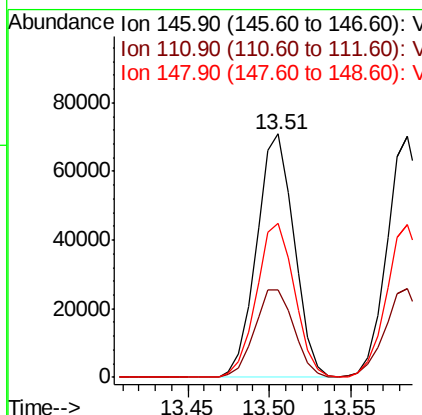
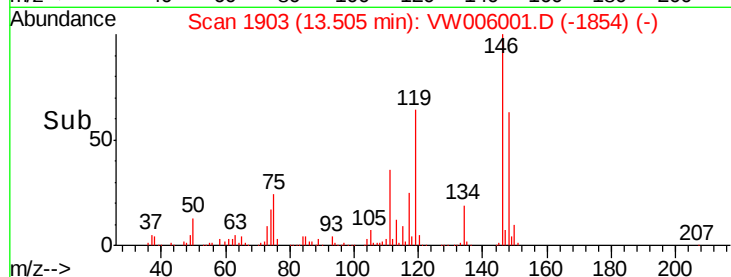
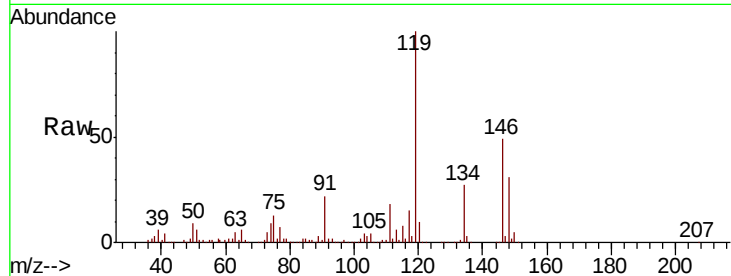
#87  
 1,3-Dichlorobenzene  
 Concen: 20.050 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW006001.D  
 Acq: 10 Oct 2018 22:32

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1011SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 37.7  | 19.5 | 58.5  |       |
| 148     | 64.2  | 32.1 | 96.5  |       |

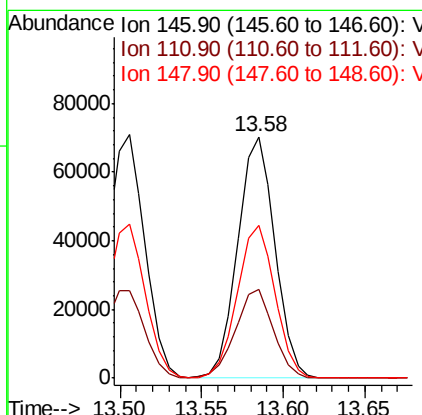
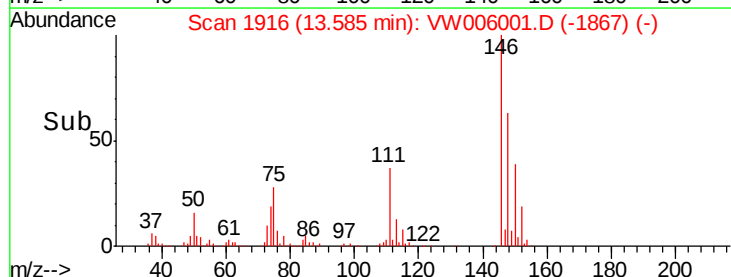
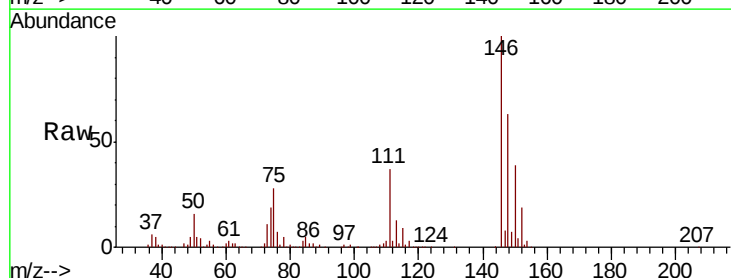
Manual Integrations  
 APPROVED

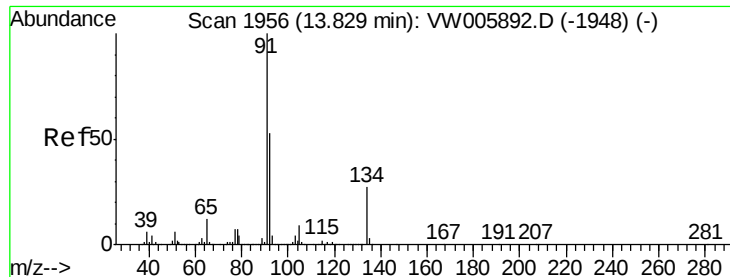
apatel  
 10/11/2018 2:21:12 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 19.847 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. 0.00 min  
 Lab File: VW006001.D  
 Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 37.7  | 19.0 | 57.0  |       |
| 148     | 64.5  | 32.0 | 96.2  |       |





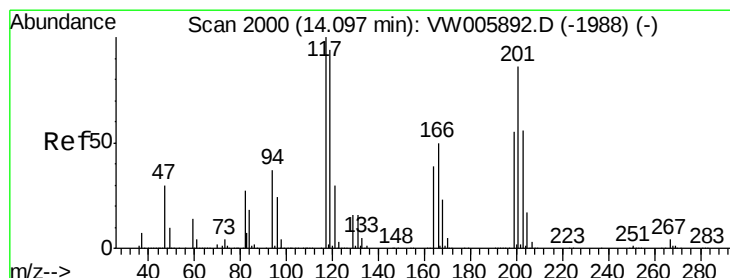
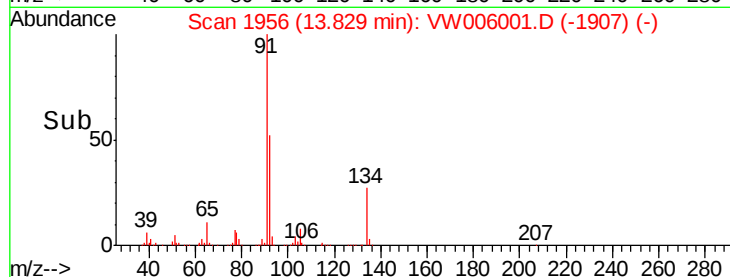
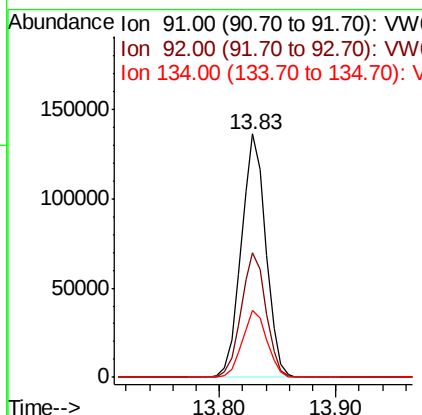
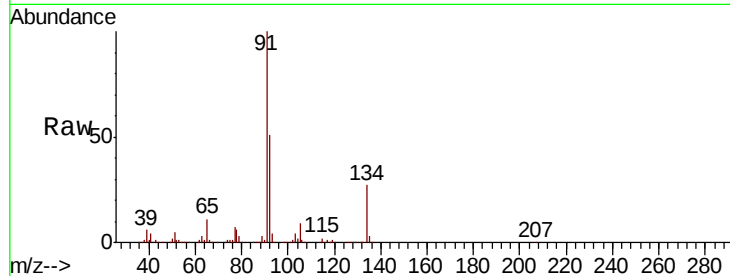
#89  
n-Butylbenzene  
Concen: 18.631 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.7  | 26.6  | 79.8  |
| 134     | 27.5  | 13.8  | 41.4  |

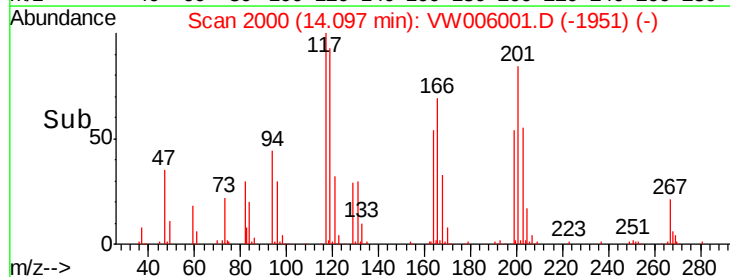
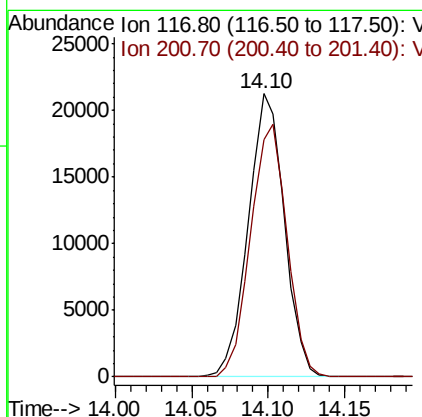
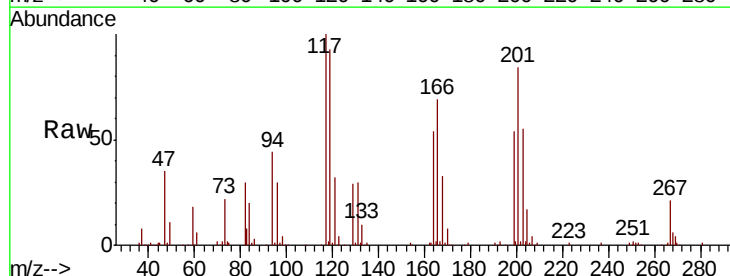
Manual Integrations  
APPROVED

apatel  
10/11/2018 2:21:12 PM



#90  
Hexachloroethane  
Concen: 16.259 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 90.1  | 44.5  | 133.5 |





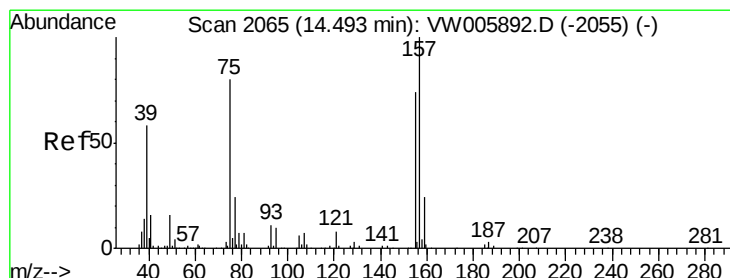
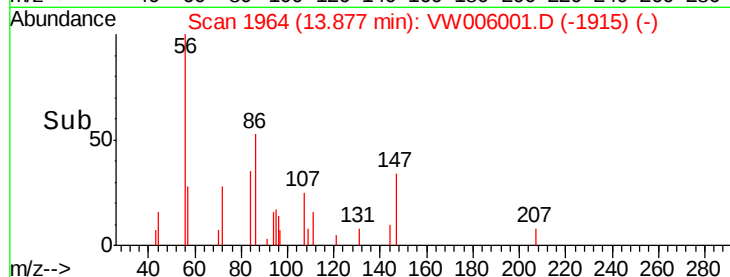
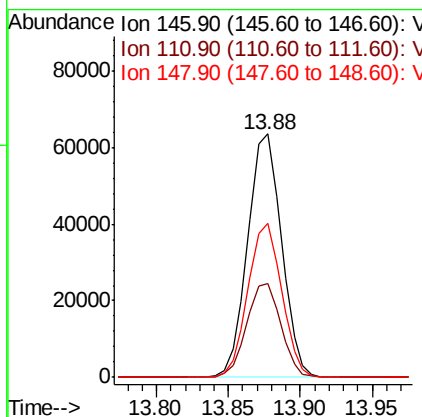
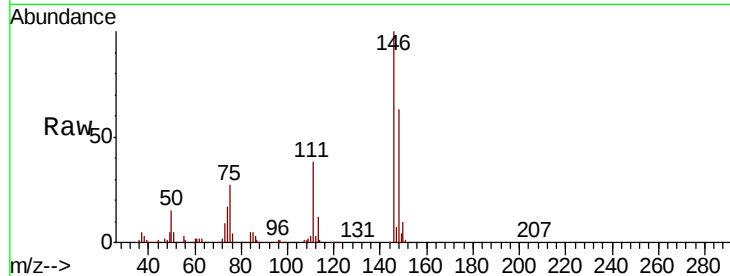
#91  
 1,2-Dichlorobenzene  
 Concen: 20.541 ug/l  
 RT: 13.88 min Scan# 1964  
 Delta R.T. 0.00 min  
 Lab File: VW006001.D  
 Acq: 10 Oct 2018 22:32

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.9  | 20.3  | 61.0  |
| 148     | 63.4  | 32.5  | 97.4  |

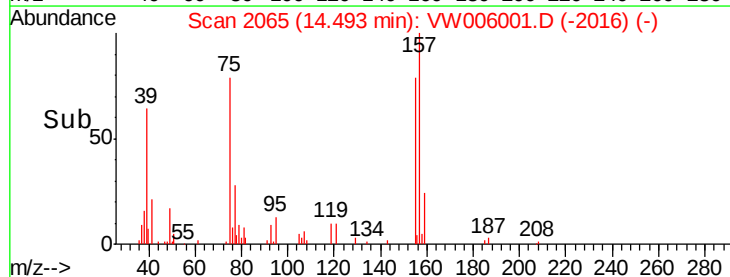
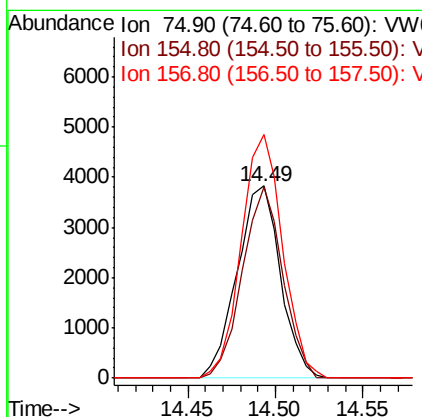
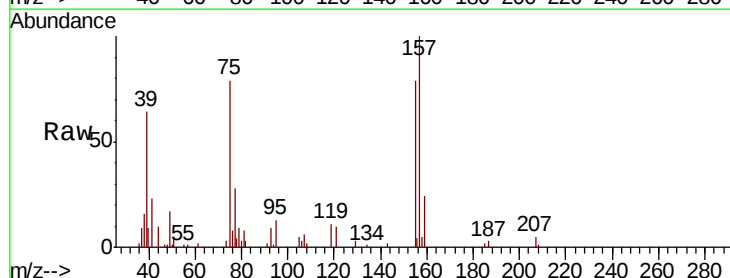
Manual Integrations  
 APPROVED

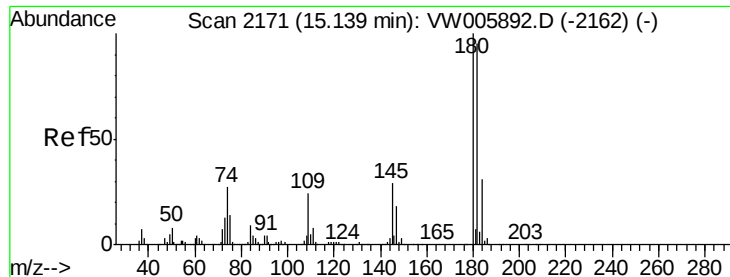
apatel  
 10/11/2018 2:21:12 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.898 ug/l  
 RT: 14.49 min Scan# 2065  
 Delta R.T. 0.00 min  
 Lab File: VW006001.D  
 Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.7  | 44.8  | 134.3 |
| 157     | 120.9 | 58.9  | 176.6 |





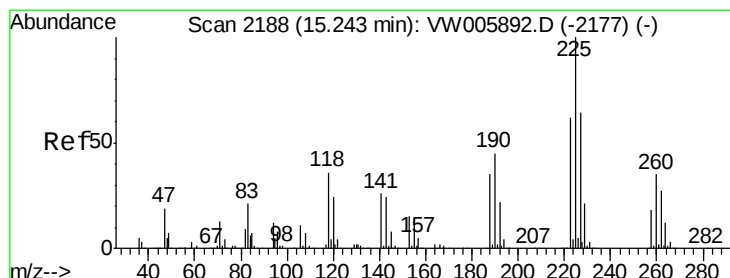
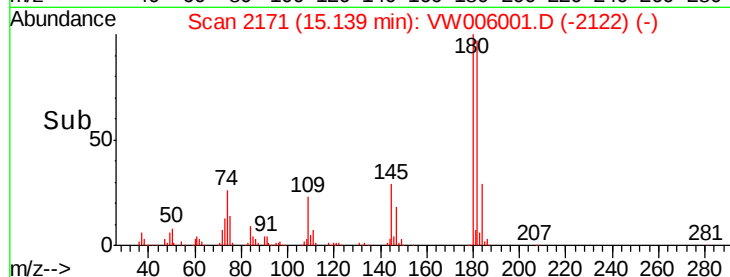
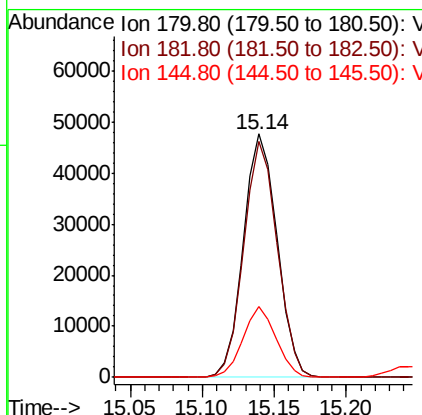
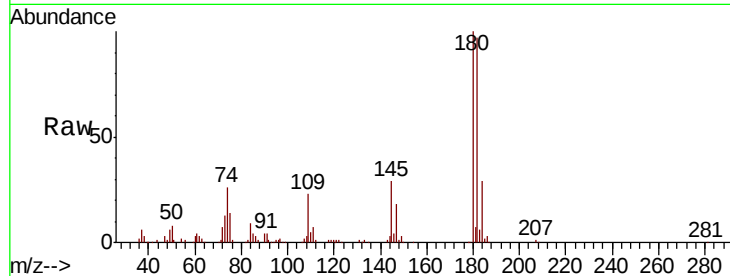
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.816 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: VW006001.D  
 Acq: 10 Oct 2018 22:32

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 47.8  | 143.3 |
| 145     | 28.5  | 14.5  | 43.6  |

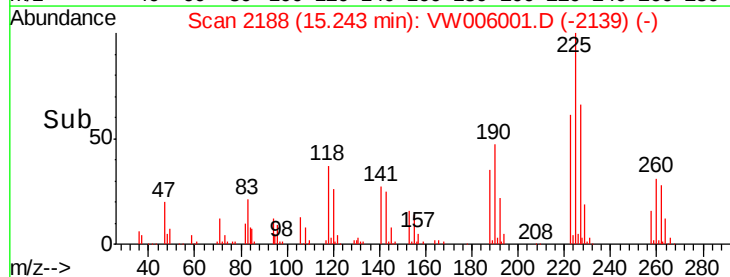
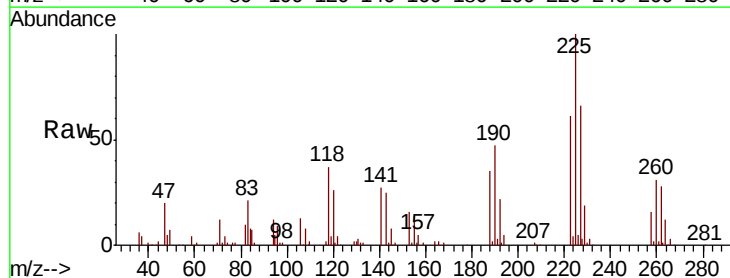
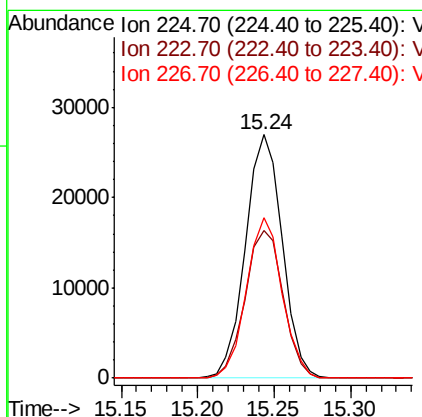
Manual Integrations  
 APPROVED

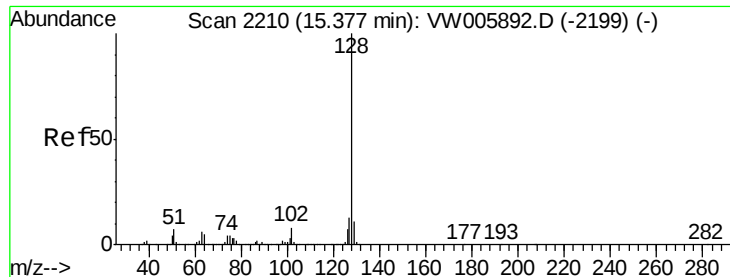
apatel  
 10/11/2018 2:21:12 PM



#94  
 Hexachlorobutadiene  
 Concen: 18.514 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: VW006001.D  
 Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.7  | 31.2  | 93.6  |
| 227     | 64.0  | 31.9  | 95.9  |





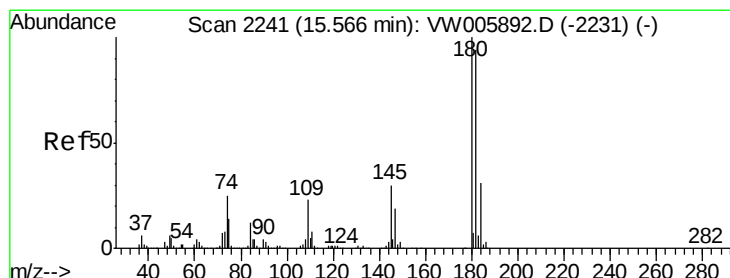
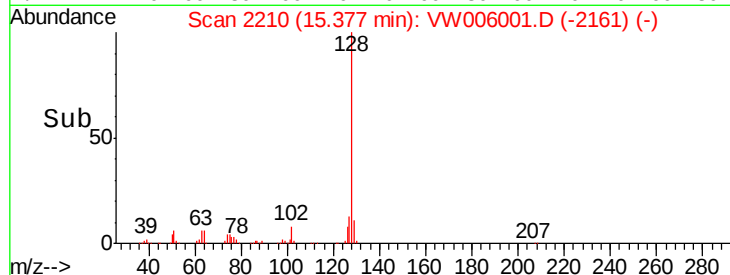
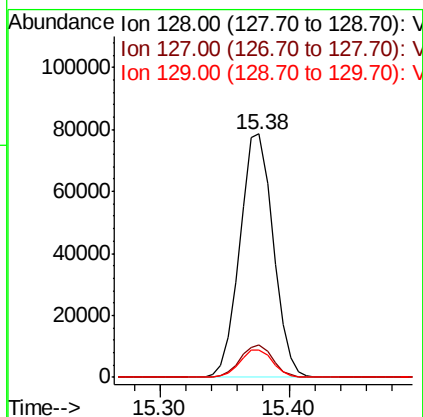
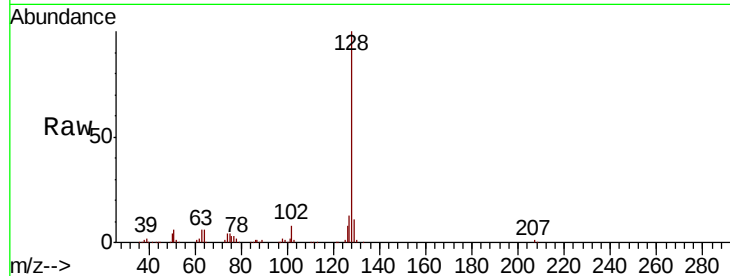
#95  
Naphthalene  
Concen: 20.949 ug/l  
RT: 15.38 min Scan# 2210  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1011SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.5  | 15.7  |
| 129     | 11.1  | 8.9   | 13.3  |

Manual Integrations  
APPROVED

apatel  
10/11/2018 2:21:12 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 20.486 ug/l  
RT: 15.57 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: VW006001.D  
Acq: 10 Oct 2018 22:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 47.6  | 142.8 |
| 145     | 30.2  | 15.3  | 45.9  |

