

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\  
 Data File : VX014134.D  
 Acq On : 19 Dec 2019 20:30  
 Operator : JC/SP  
 Sample : K6372-13MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-3MS

Manual Integrations  
 APPROVED

apatel  
 12/20/2019 10:24:35 AM

Quant Time: Dec 20 03:44:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 17 03:01:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 495319   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 778405   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 711288   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 358407   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 287779   | 51.26 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.52% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 241035   | 50.94 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.88% |      |
| 50) Toluene-d8            | 8.71   | 98  | 955379   | 51.86 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.72% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 348341   | 51.73 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.46% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 214339  | 48.370  | ug/l   | 100    |
| 3) Chloromethane              | 1.32 | 50  | 300223  | 50.485  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 315657  | 50.304  | ug/l   | 99     |
| 5) Bromomethane               | 1.63 | 94  | 191227  | 42.937  | ug/l   | 100    |
| 6) Chloroethane               | 1.72 | 64  | 200925  | 51.881  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 397702  | 51.199  | ug/l   | 100    |
| 8) Diethyl Ether              | 2.18 | 74  | 180924  | 49.628  | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 234924  | 50.171  | ug/l   | 99     |
| 10) Methyl Iodide             | 2.50 | 142 | 322080  | 52.045  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 3.03 | 59  | 298304  | 245.922 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 238517  | 50.060  | ug/l   | 98     |
| 13) Acrolein                  | 2.28 | 56  | 212849  | 306.539 | ug/l   | 92     |
| 14) Allyl chloride            | 2.72 | 41  | 440428  | 51.771  | ug/l   | 98     |
| 15) Acrylonitrile             | 3.13 | 53  | 786974  | 277.961 | ug/l   | 99     |
| 16) Acetone                   | 2.43 | 43  | 646170  | 177.299 | ug/l   | 99     |
| 17) Carbon Disulfide          | 2.56 | 76  | 646371  | 48.883  | ug/l   | 99     |
| 18) Methyl Acetate            | 2.76 | 43  | 375737  | 52.028  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 826389  | 52.781  | ug/l # | 77     |
| 20) Methylene Chloride        | 2.85 | 84  | 277321  | 48.321  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 258803  | 49.304  | ug/l   | 98     |
| 22) Diisopropyl ether         | 3.84 | 45  | 899997  | 53.089  | ug/l   | 99     |
| 23) Vinyl Acetate             | 3.80 | 43  | 3772355 | 272.681 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 485701  | 51.496  | ug/l   | 100    |
| 25) 2-Butanone                | 4.66 | 43  | 1076287 | 239.533 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 333477  | 45.539  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 303376  | 51.103  | ug/l   | 99     |
| 28) Bromochloromethane        | 5.01 | 49  | 197315  | 54.357  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 5.11 | 42  | 699463  | 278.315 | ug/l   | 99     |
| 30) Chloroform                | 5.20 | 83  | 484915  | 54.234  | ug/l   | 99     |
| 31) Cyclohexane               | 5.58 | 56  | 546795  | 65.183  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 387768  | 50.887  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 352478  | 49.351  | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.82 | 43  | 408194  | 51.754  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 329680  | 50.669  | ug/l   | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121919\  
 Data File : VX014134.D  
 Acq On : 19 Dec 2019 20:30  
 Operator : JC/SP  
 Sample : K6372-13MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-3MS

Manual Integrations  
 APPROVED

apatel  
 12/20/2019 10:24:35 AM

Quant Time: Dec 20 03:44:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 17 03:01:07 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 580226   | 65.793  | ug/l   | 96       |
| 40) Benzene                    | 6.14  | 78   | 2439419  | 111.004 | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.03  | 41   | 237690   | 54.315  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 383365   | 51.463  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 700078   | 53.635  | ug/l   | 97       |
| 44) Trichloroethene            | 7.21  | 130  | 295088   | 48.614  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 288090   | 51.146  | ug/l   | 99       |
| 46) Dibromomethane             | 7.65  | 93   | 182699   | 49.059  | ug/l   | 95       |
| 47) Bromodichloromethane       | 7.89  | 83   | 362755   | 51.721  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.76  | 41   | 363414   | 56.858  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 126478   | 972.380 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 2204840  | 268.969 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 1035465  | 74.546  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 394060   | 51.240  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 439935   | 51.348  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 275946   | 49.567  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 495085   | 56.613  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 478501   | 51.086  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 1649016  | 249.892 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 288350   | 52.107  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 293296   | 51.491  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.33  | 164  | 269713   | 42.852  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 742233   | 49.078  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 272000   | 50.370  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 9799191  | 376.874 | ug/l   | 91       |
| 68) m/p-Xylenes                | 10.36 | 106  | 3558182  | 355.803 | ug/l   | 96       |
| 69) o-Xylene                   | 10.70 | 106  | 943920   | 96.240  | ug/l   | 99       |
| 70) Stvrene                    | 10.71 | 104  | 852468   | 51.400  | ug/l   | 91       |
| 71) Bromoform                  | 10.85 | 173  | 222827   | 51.334  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.01 | 105  | 1854063  | 73.473  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.89 | 43   | 608919   | 51.479  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 447303   | 51.128  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 409651m  | 52.648  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 332369   | 47.871  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.35 | 91   | 2955750  | 104.425 | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 878702   | 51.070  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 1482437  | 69.803  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 138496   | 50.239  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 1034625  | 51.839  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 1096989  | 53.078  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 8879566  | 417.504 | ug/l   | 94       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 1423351  | 58.337  | ug/l   | 95       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 1262942  | 56.588  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 584803   | 48.060  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 588513   | 47.565  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 1353181  | 71.057  | ug/l # | 85       |
| 90) Hexachloroethane           | 12.59 | 117  | 332652   | 82.981  | ug/l   | 64       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 590153   | 48.178  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 119919   | 61.941  | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene     | 13.64 | 180  | 409732   | 51.464  | ug/l   | 94       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\  
Data File : VX014134.D  
Acq On : 19 Dec 2019 20:30  
Operator : JC/SP  
Sample : K6372-13MS  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

Manual Integrations  
APPROVED

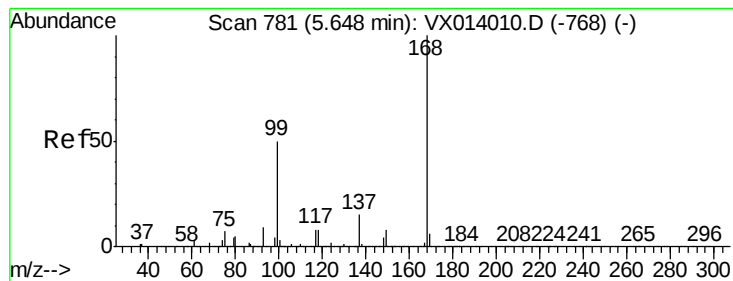
apatel  
12/20/2019 10:24:35 AM

Quant Time: Dec 20 03:44:25 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 17 03:01:07 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 94) Hexachlorobutadiene    | 13.78 | 225  | 190908   | 49.894  | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 4073201  | 174.132 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 417210   | 53.086  | ug/l  | 96       |

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





#1

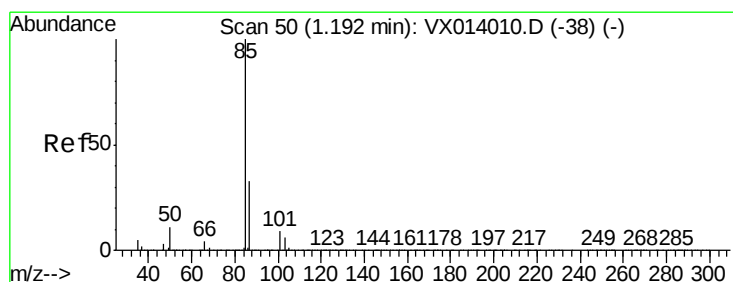
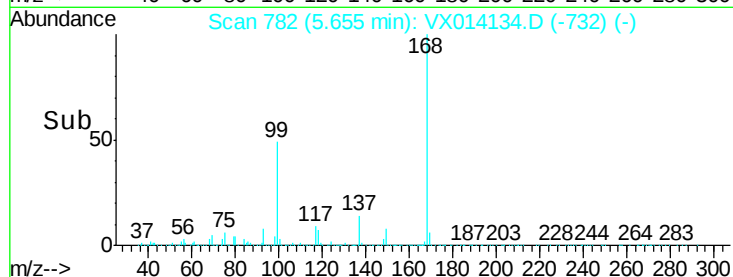
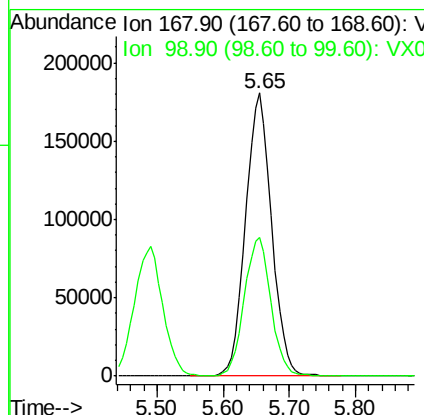
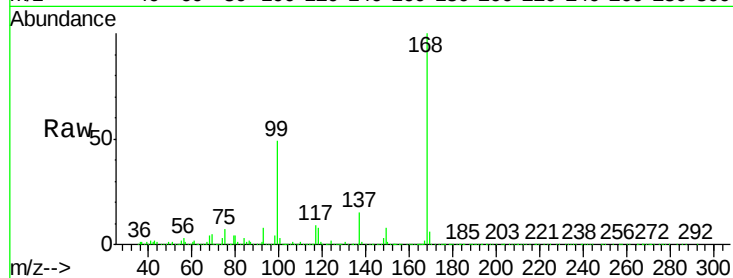
Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.65 min Scan# 782  
 Delta R.T. 0.01 min  
 Lab File: VX014134.D  
 Acq: 19 Dec 2019 20:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-3MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 49.0  | 40.3  | 60.5  |

Manual Integrations  
 APPROVED

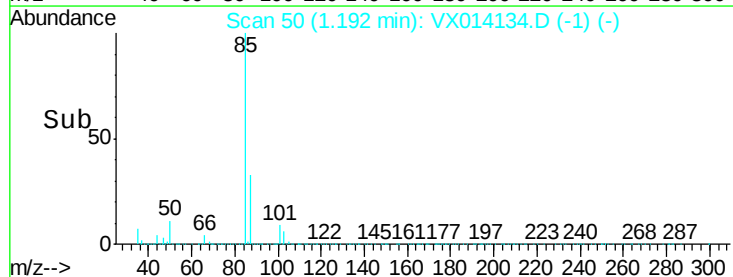
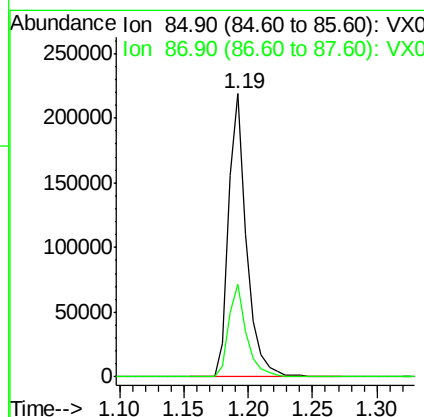
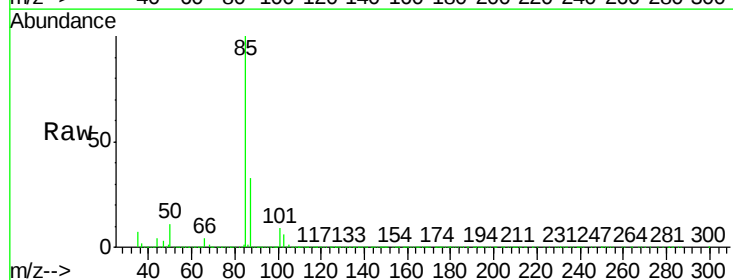
apatel  
 12/20/2019 10:24:35 AM

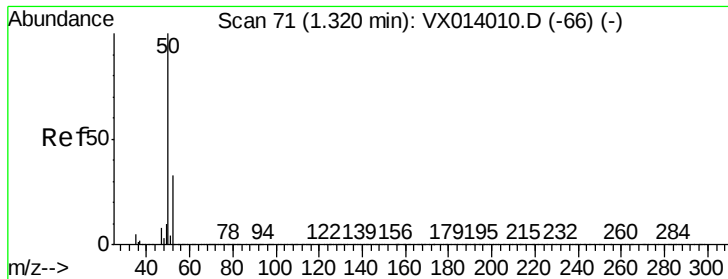


#2

Dichlorodifluoromethane  
 Concen: 48.370 ug/l  
 RT: 1.19 min Scan# 50  
 Delta R.T. 0.00 min  
 Lab File: VX014134.D  
 Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 32.7  | 16.4  | 49.2  |





#3

Chloromethane

Concen: 50.485 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

ClientSampleId :

MW-3MS

Tot Ion: 50 Resp: 300223

Ion Ratio Lower Upper

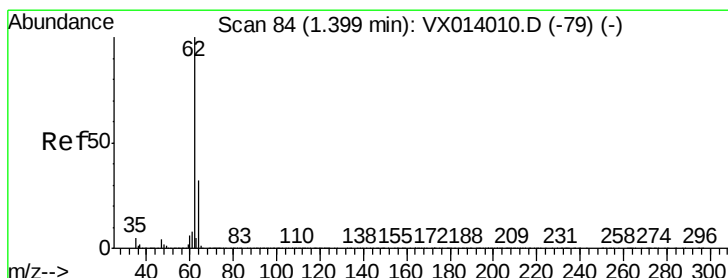
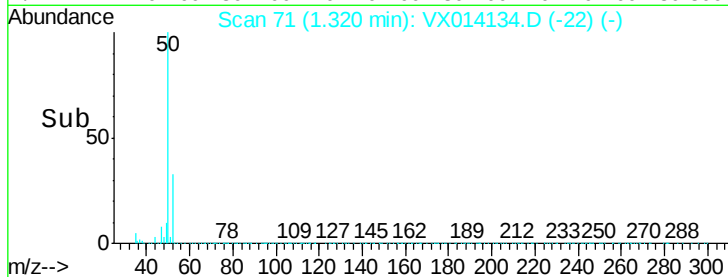
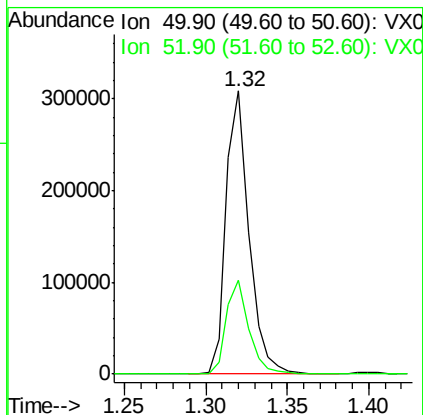
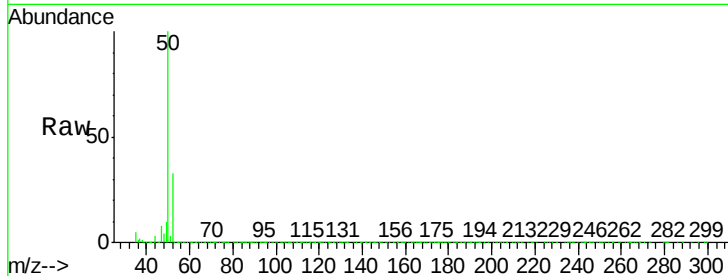
50 100

52 33.1 26.2 39.4

Manual Integrations  
APPROVED

apatel

12/20/2019 10:24:35 AM



#4

Vinyl Chloride

Concen: 50.304 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014134.D

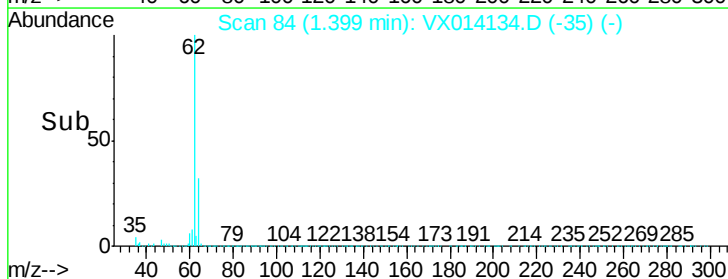
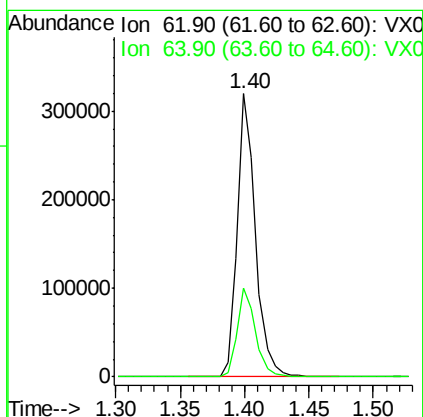
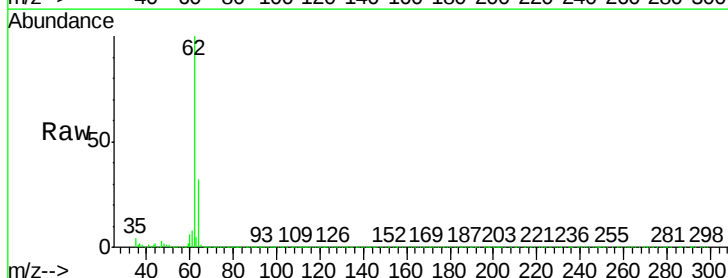
Acq: 19 Dec 2019 20:30

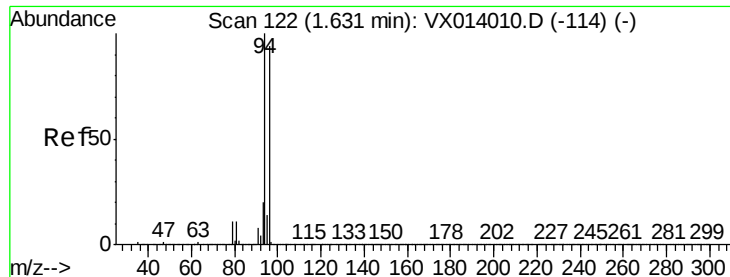
Tgt Ion: 62 Resp: 315657

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 42.937 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

ClientSampleId :

MW-3MS

Tot Ion: 94 Resp: 191227

Ion Ratio Lower Upper

94 100

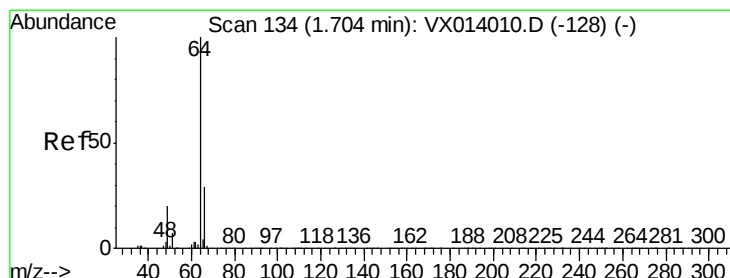
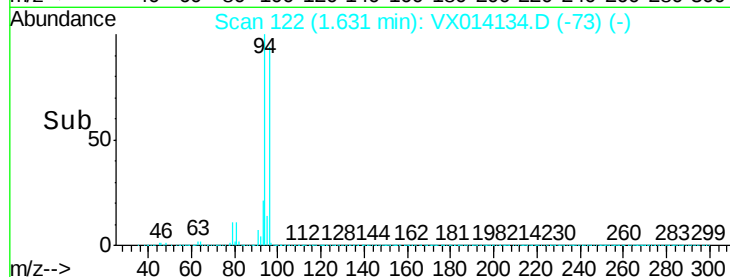
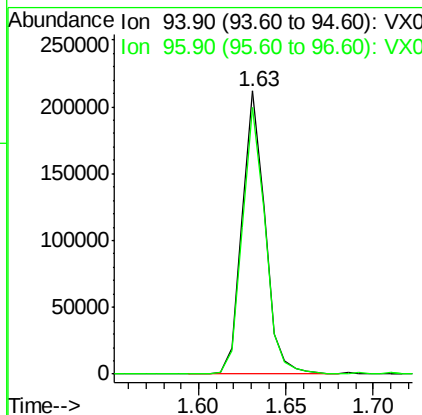
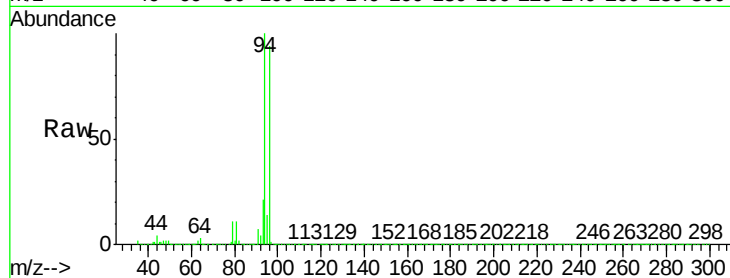
96 94.1 75.2 112.8

Manual Integrations

APPROVED

apatel

12/20/2019 10:24:35 AM



#6

Chloroethane

Concen: 51.881 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014134.D

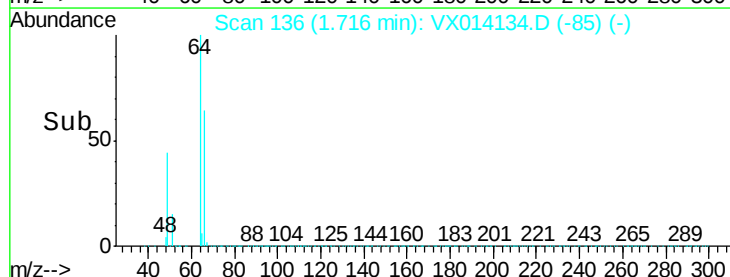
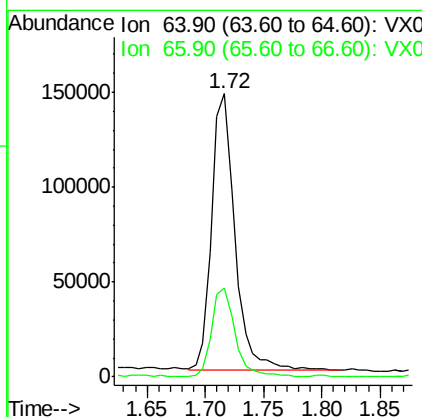
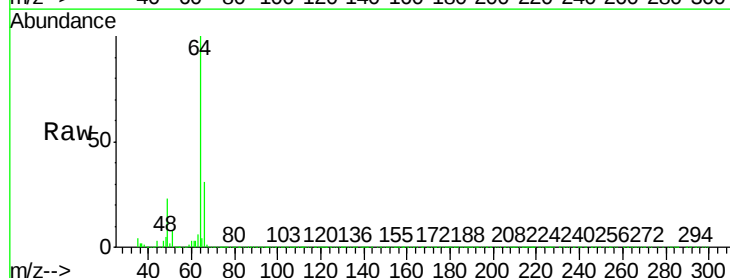
Acq: 19 Dec 2019 20:30

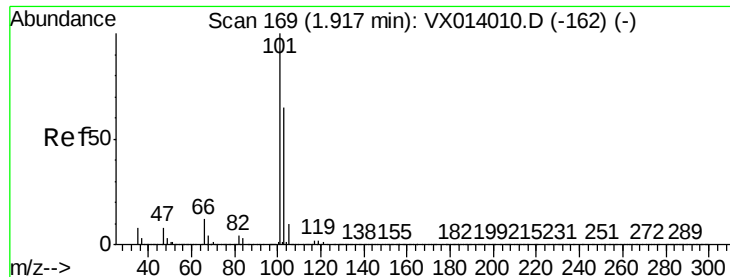
Tgt Ion: 64 Resp: 200925

Ion Ratio Lower Upper

64 100

66 31.7 23.4 35.2





#7

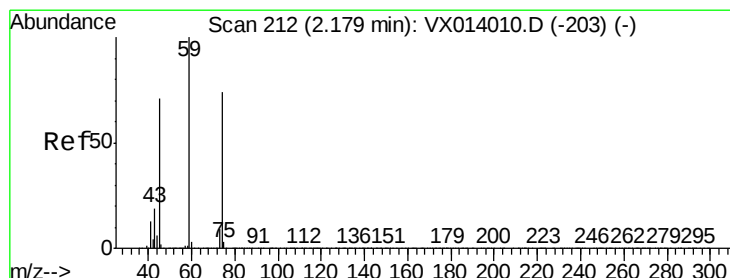
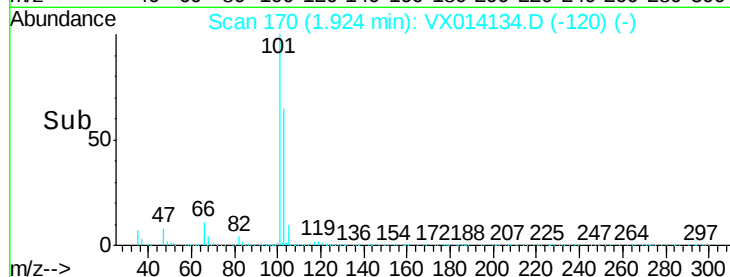
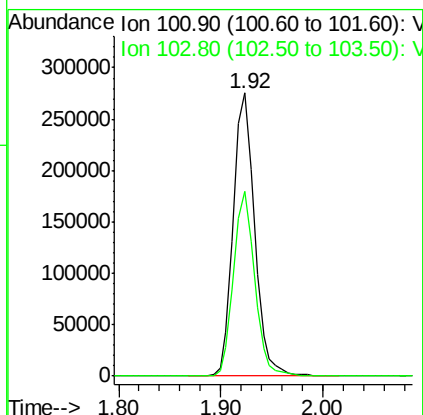
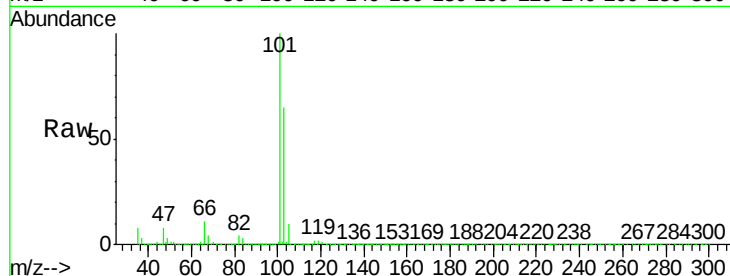
Trichlorofluoromethane  
Concen: 51.199 ug/l  
RT: 1.92 min Scan# 170  
Delta R.T. 0.01 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.4  | 52.2  | 78.4  |

Manual Integrations  
APPROVED

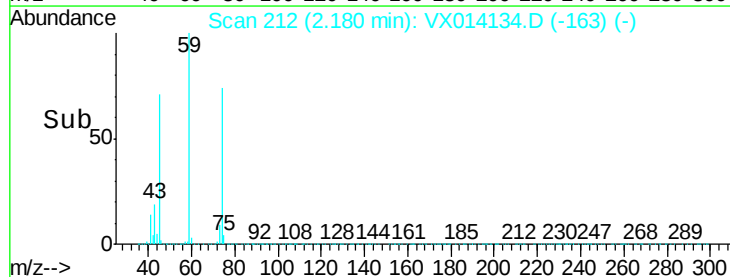
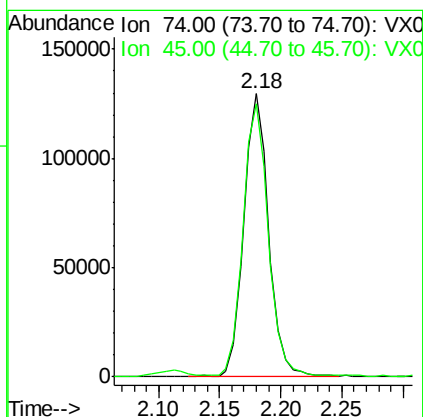
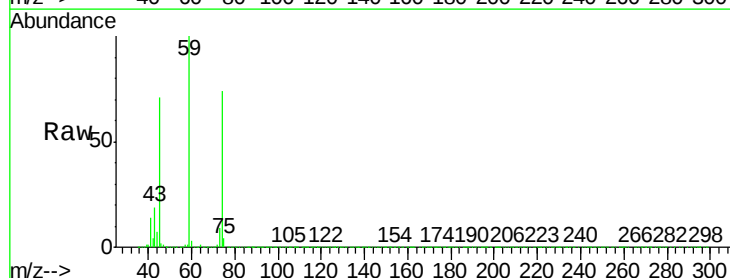
apatel  
12/20/2019 10:24:35 AM



#8

Diethyl Ether  
Concen: 49.628 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 98.1  | 48.1  | 144.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.171 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

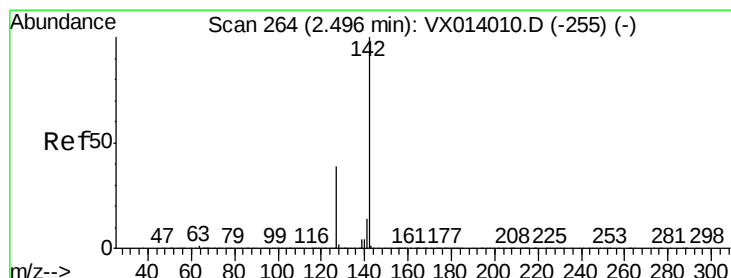
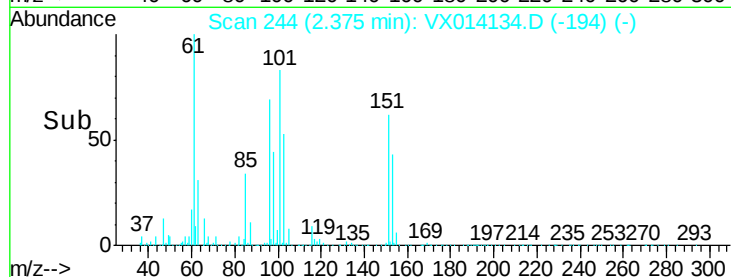
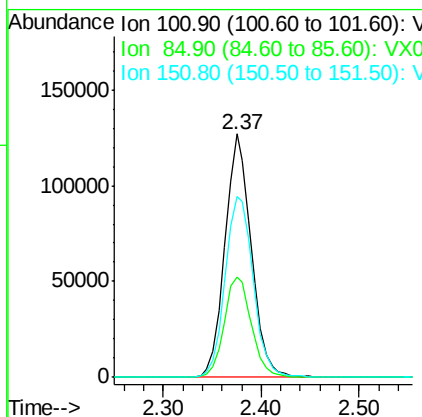
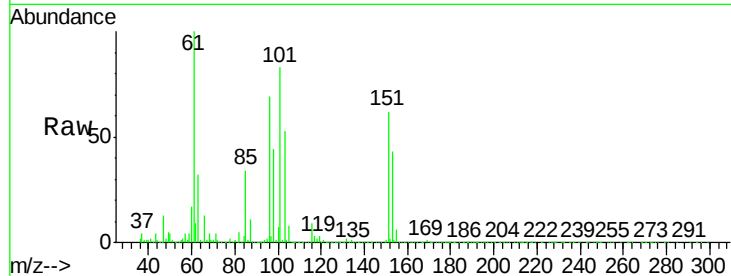
ClientSampleId :

MW-3MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 234924 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.8  | 33.7  | 50.5   |
| 151       | 80.1  | 64.5  | 96.7   |

Manual Integrations  
APPROVED

apatel  
12/20/2019 10:24:35 AM



#10

Methyl Iodide

Concen: 52.045 ug/l

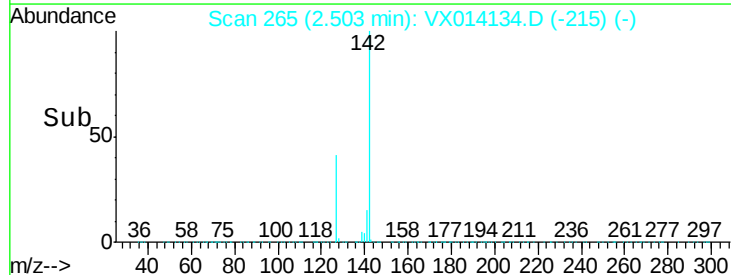
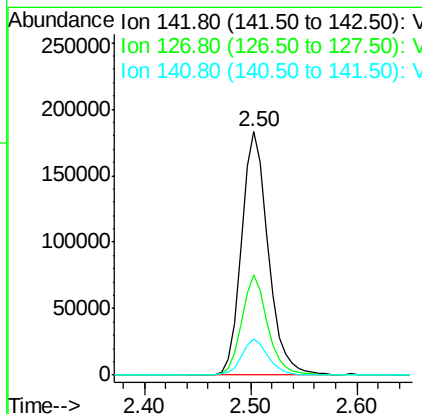
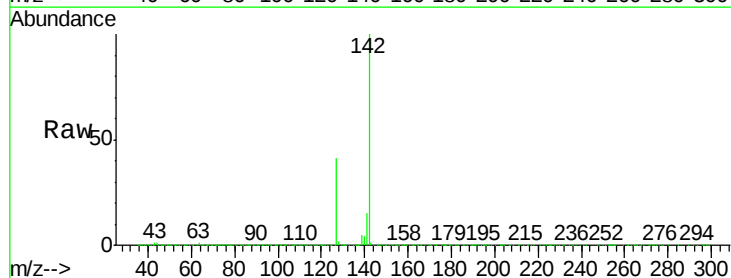
RT: 2.50 min Scan# 265

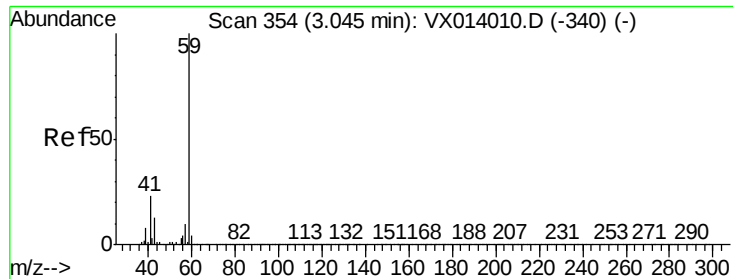
Delta R.T. 0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 322080 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 40.1  | 31.6  | 47.4   |
| 141       | 14.9  | 11.6  | 17.4   |





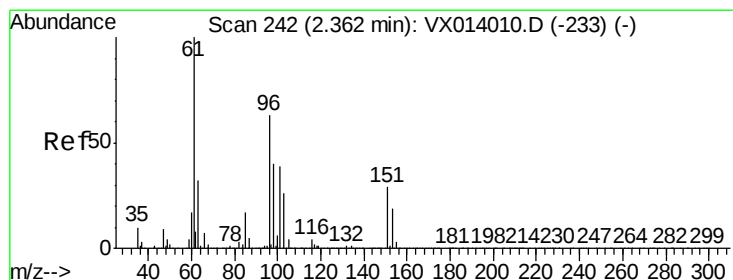
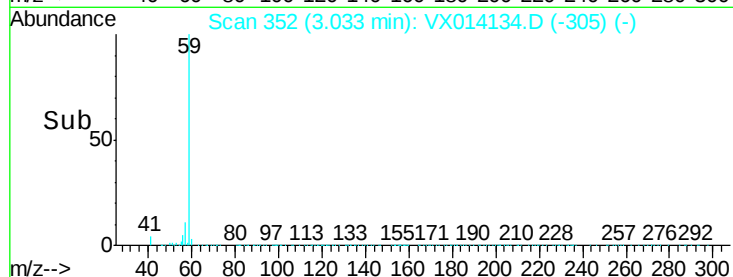
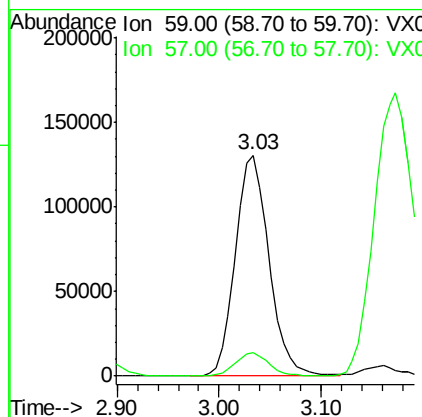
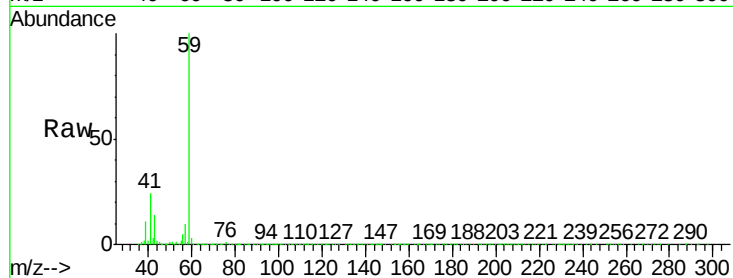
#11  
Tert butyl alcohol  
Concen: 245.922 ug/l  
RT: 3.03 min Scan# 352  
Delta R.T. -0.01 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 59      | 100   | 298304 |       |       |
| 57      | 10.2  |        | 8.4   | 12.6  |

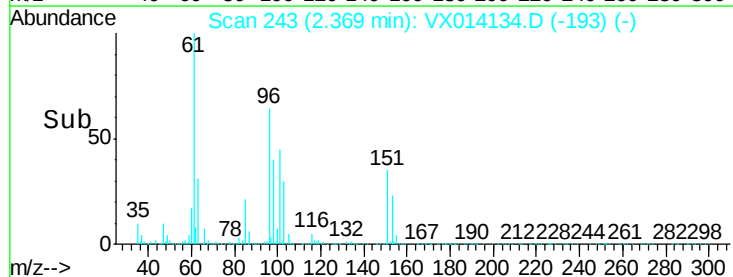
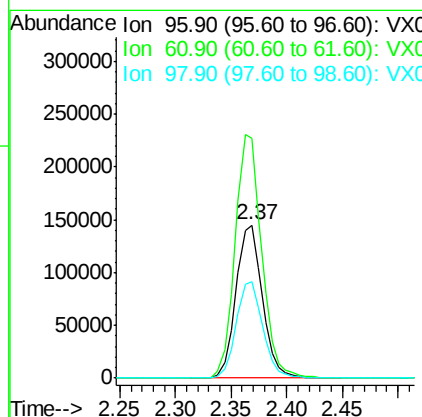
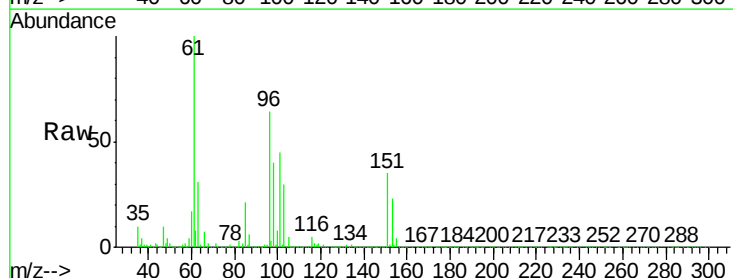
Manual Integrations  
APPROVED

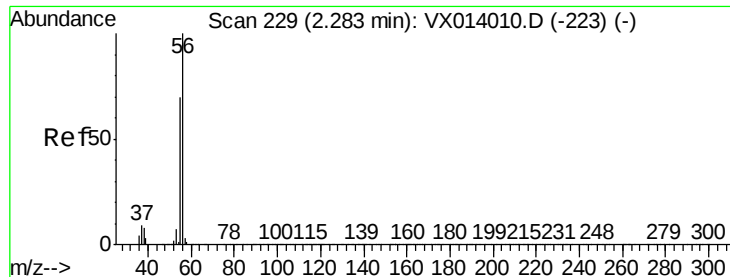
apatel  
12/20/2019 10:24:35 AM



#12  
1,1-Dichloroethene  
Concen: 50.060 ug/l  
RT: 2.37 min Scan# 243  
Delta R.T. 0.01 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 238517 |       |       |
| 61      | 156.5 |        | 127.9 | 191.9 |
| 98      | 62.9  |        | 50.5  | 75.7  |





#13

Acrolein

Concen: 306.539 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

ClientSampleId :

MW-3MS

Tot Ion: 56 Resp: 212849

Ion Ratio Lower Upper

56 100

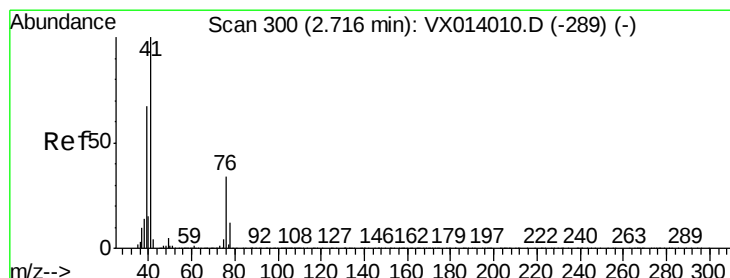
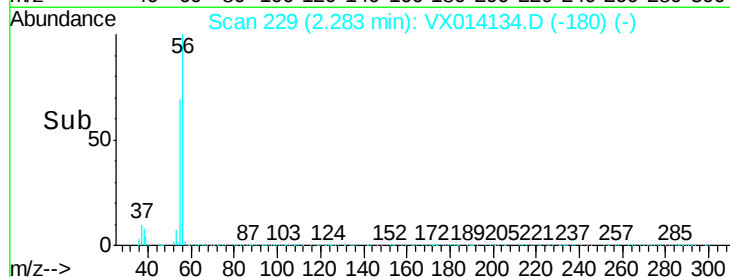
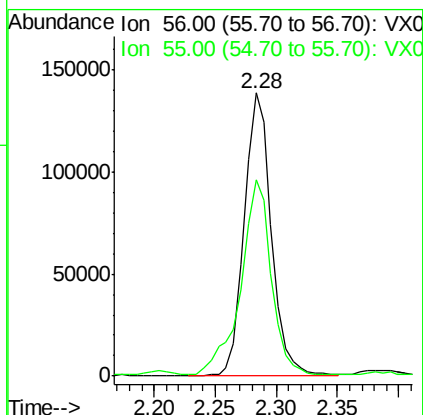
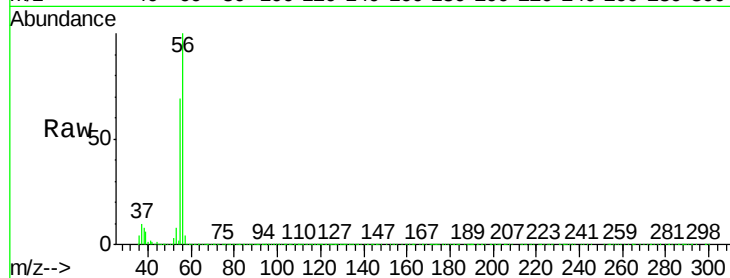
55 78.1 56.9 85.3

Manual Integrations

APPROVED

apatel

12/20/2019 10:24:35 AM



#14

Allyl chloride

Concen: 51.771 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

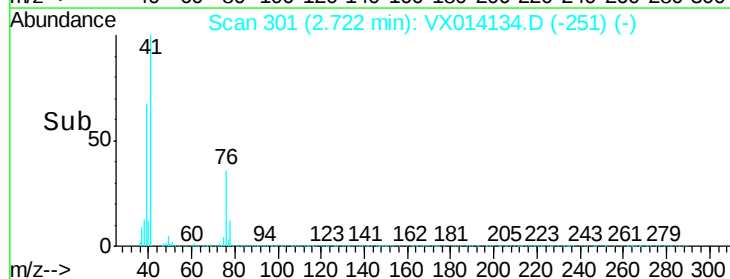
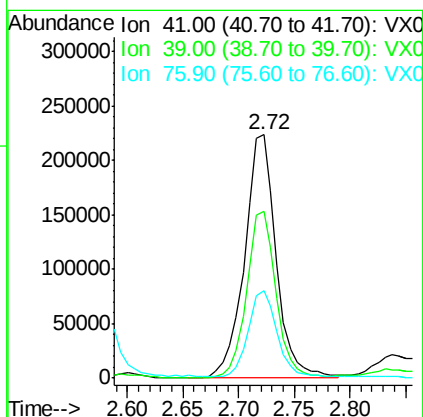
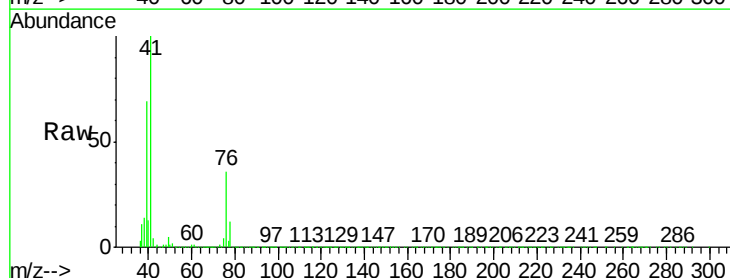
Tgt Ion: 41 Resp: 440428

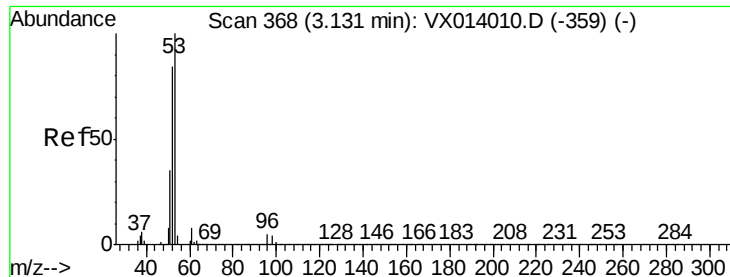
Ion Ratio Lower Upper

41 100

39 63.3 51.8 77.8

76 33.9 25.9 38.9





#15

Acrylonitrile

Concen: 277.961 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

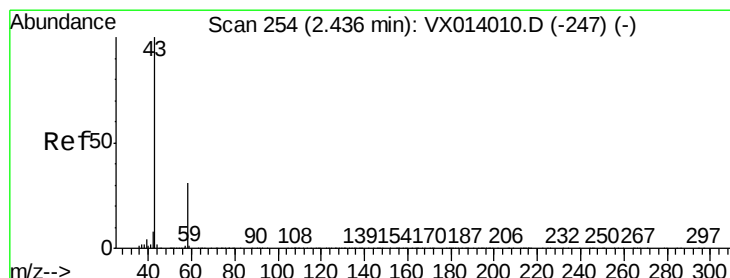
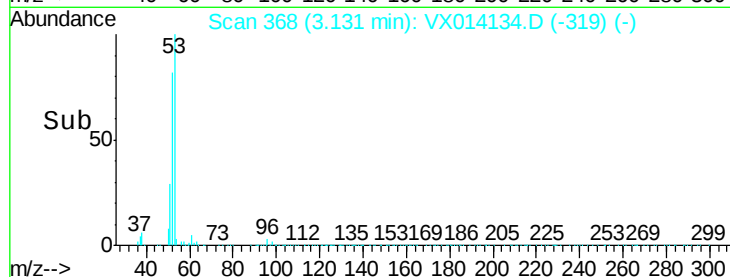
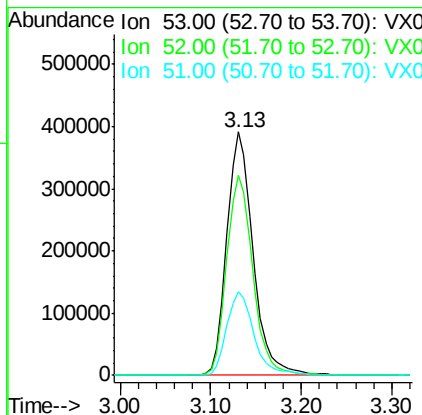
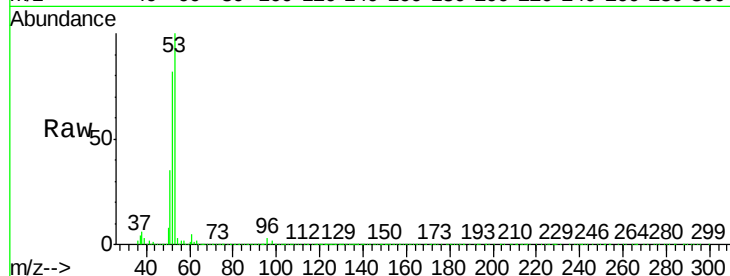
ClientSampleId :

MW-3MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 786974 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.1 | 66.5  | 99.7   |
| 51        | 35.8 | 28.1  | 42.1   |

Manual Integrations  
APPROVED

apatel  
12/20/2019 10:24:35 AM



#16

Acetone

Concen: 177.299 ug/l

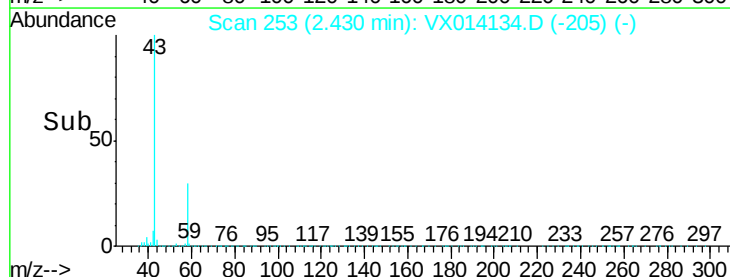
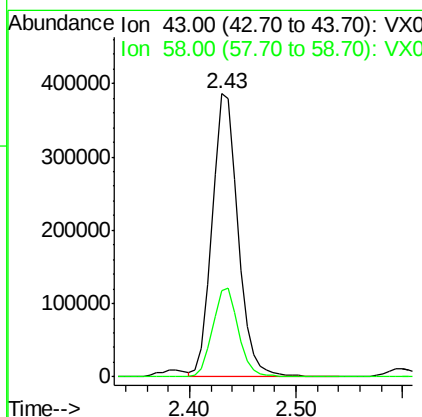
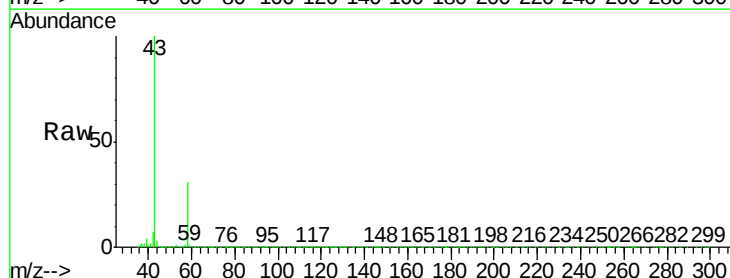
RT: 2.43 min Scan# 253

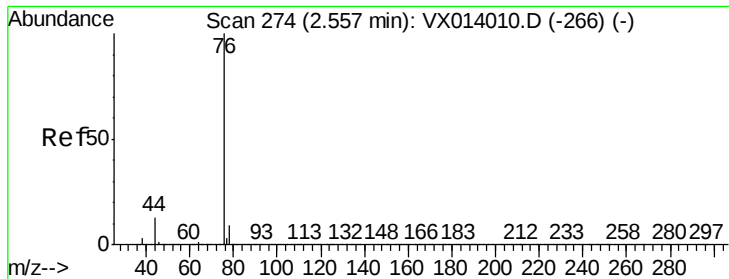
Delta R.T. -0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 646170 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 30.5 | 24.9  | 37.3   |





#17

Carbon Disulfide

Concen: 48.883 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

ClientSampleId :

MW-3MS

Tot Ion: 76 Resp: 646371

Ion Ratio Lower Upper

76 100

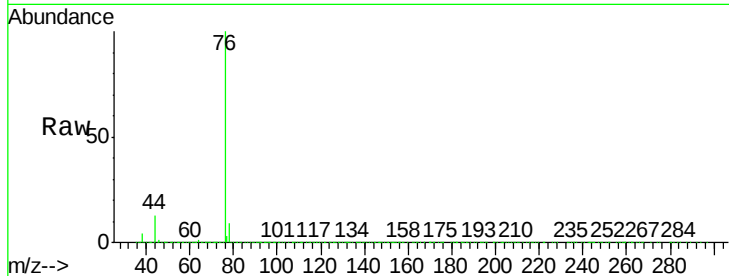
78 9.3 7.2 10.8

Manual Integrations

APPROVED

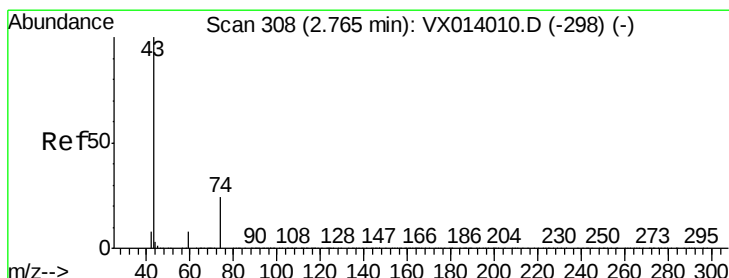
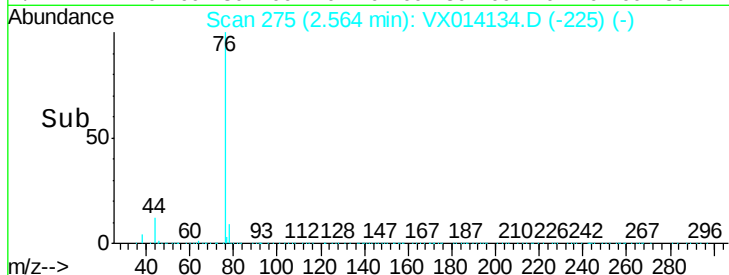
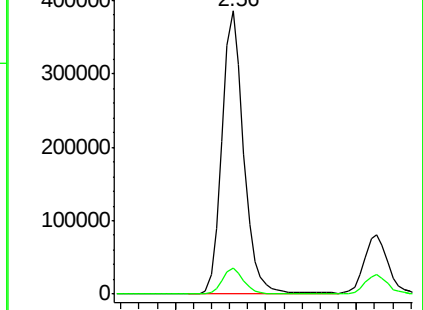
apatel

12/20/2019 10:24:35 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.028 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014134.D

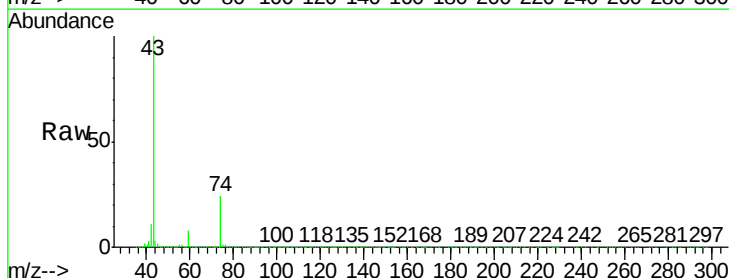
Acq: 19 Dec 2019 20:30

Tgt Ion: 43 Resp: 375737

Ion Ratio Lower Upper

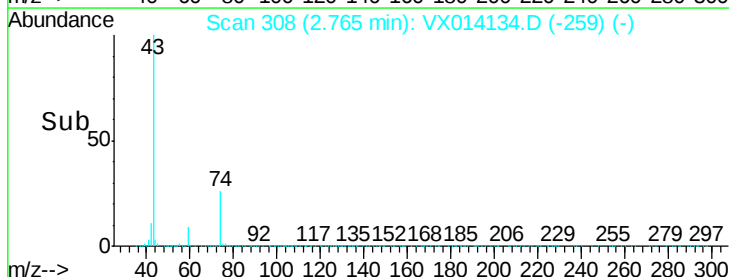
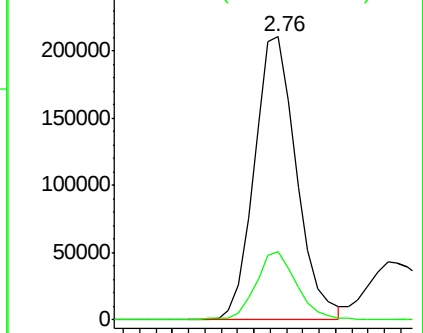
43 100

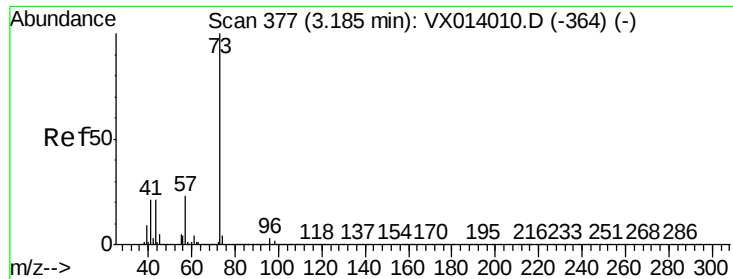
74 24.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





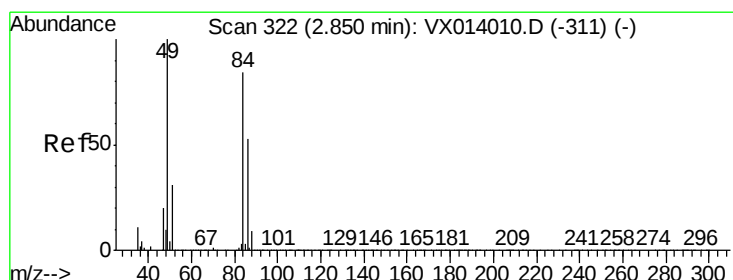
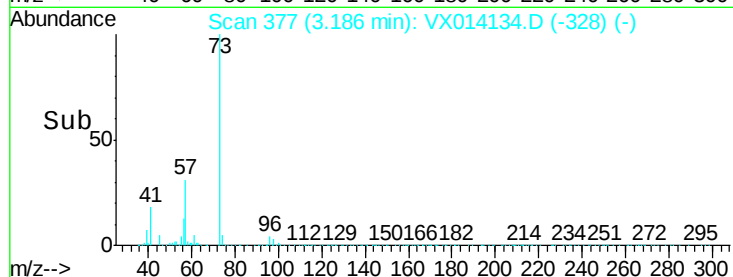
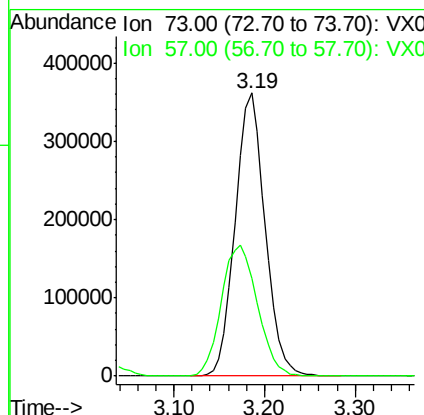
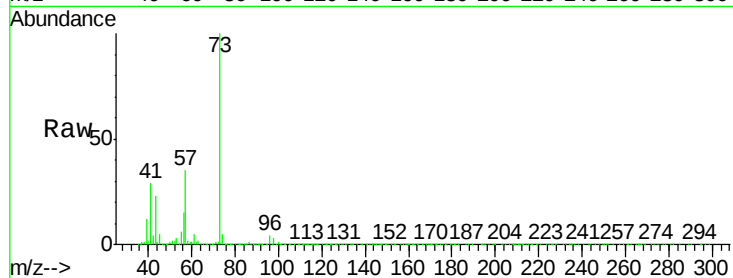
#19  
Methvl tert-butvl Ether  
Concen: 52.781 ug/l  
RT: 3.19 min Scan# 377  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 34.6  | 18.8  | 28.2# |

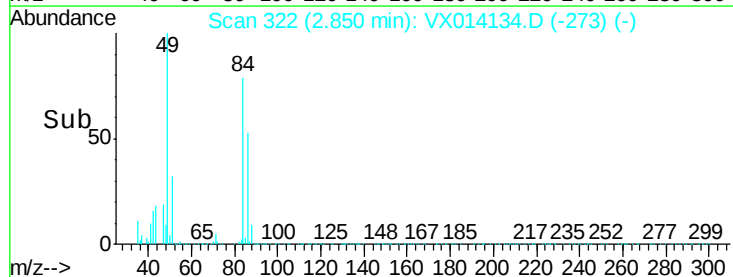
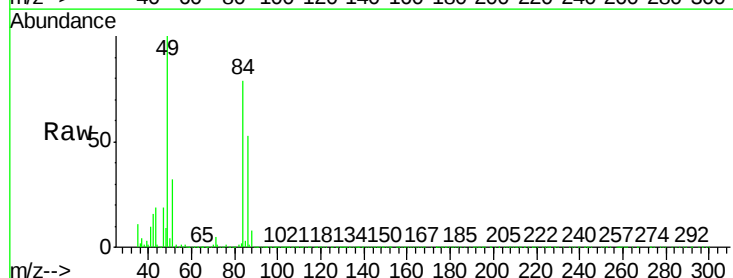
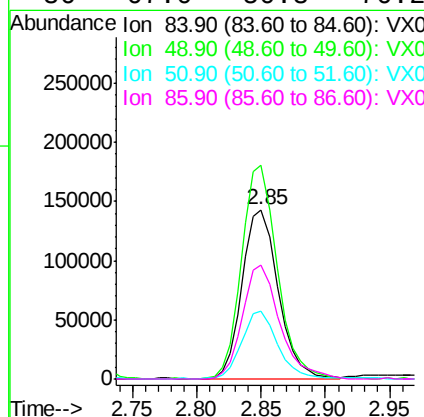
Manual Integrations  
APPROVED

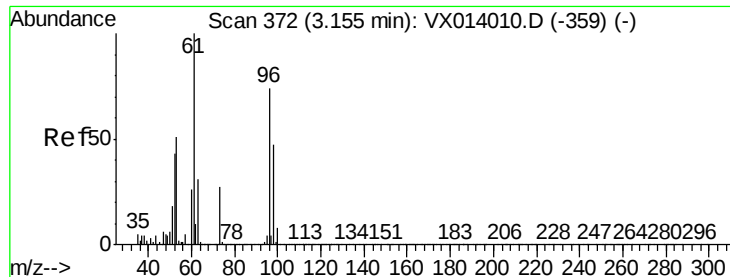
apatel  
12/20/2019 10:24:35 AM



#20  
Methylene Chloride  
Concen: 48.321 ug/l  
RT: 2.85 min Scan# 322  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 126.1 | 95.8  | 143.6 |
| 51      | 39.9  | 29.8  | 44.8  |
| 86      | 67.0  | 50.8  | 76.2  |





#21

trans-1,2-Dichloroethene

Concen: 49.304 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

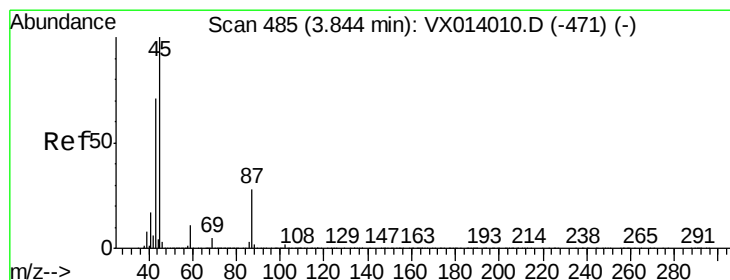
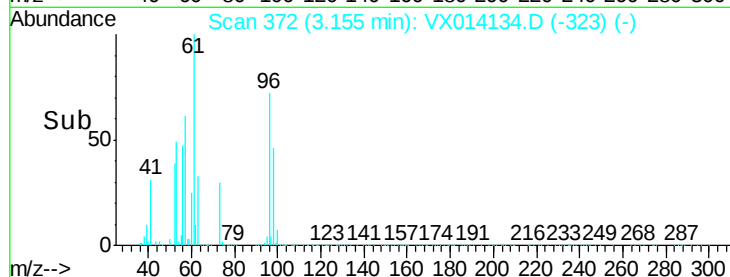
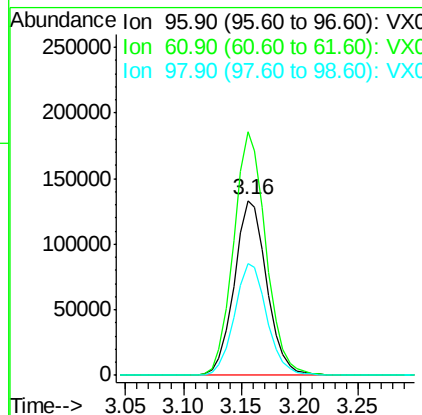
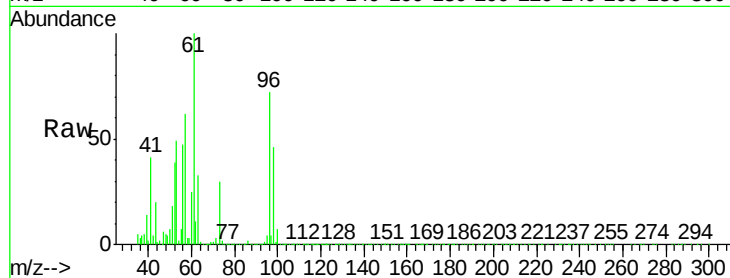
ClientSampleId :

MW-3MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 258803 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 139.1 | 108.3 | 162.5  |
| 98        | 63.7  | 50.8  | 76.2   |

Manual Integrations  
APPROVED

apatel  
12/20/2019 10:24:35 AM



#22

Diisopropyl ether

Concen: 53.089 ug/l

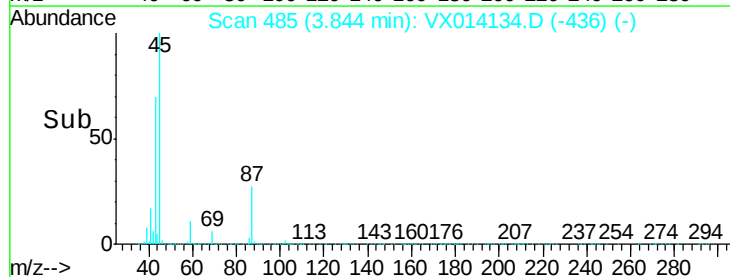
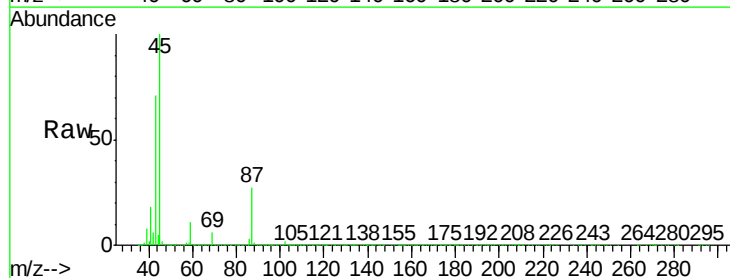
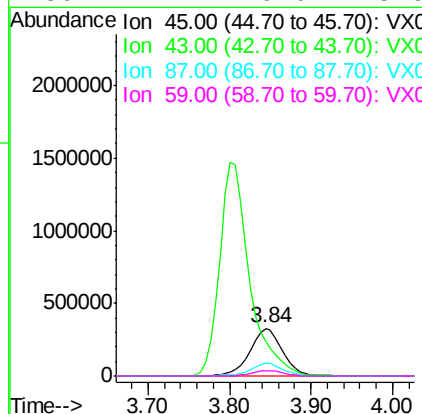
RT: 3.84 min Scan# 485

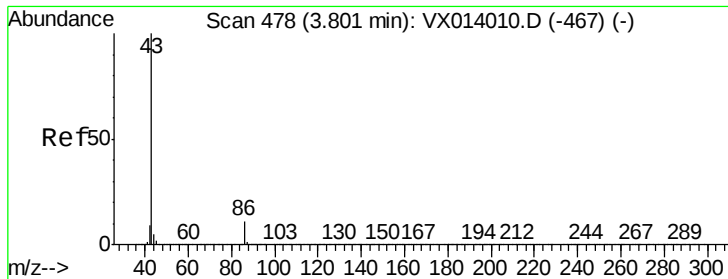
Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 899997 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 70.6  | 57.4  | 86.0   |
| 87        | 26.8  | 21.9  | 32.9   |
| 59        | 11.4  | 9.0   | 13.6   |





#23

Vinyl Acetate

Concen: 272.681 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

ClientSampleId :

MW-3MS

Tot Ion: 43 Resp: 3772355

Ion Ratio Lower Upper

43 100

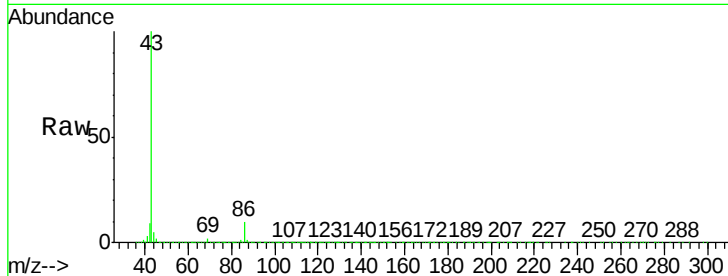
86 10.5 8.6 12.8

Manual Integrations

APPROVED

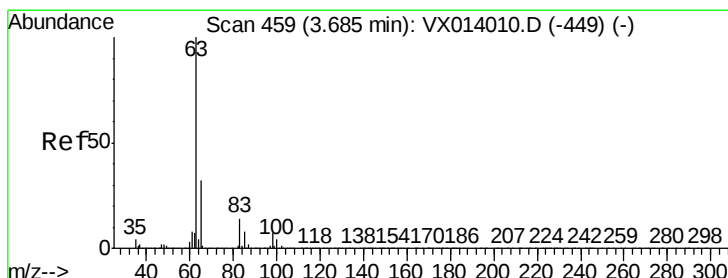
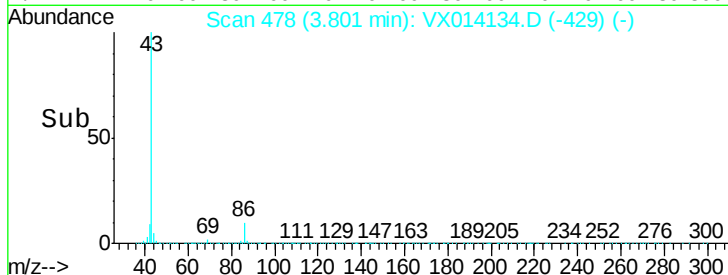
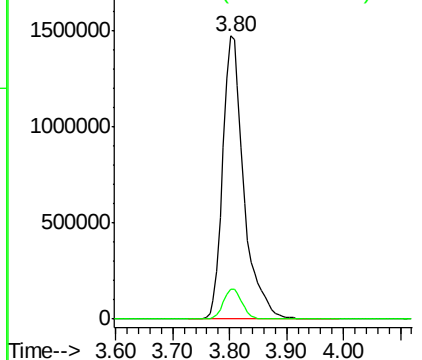
apatel

12/20/2019 10:24:35 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.496 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

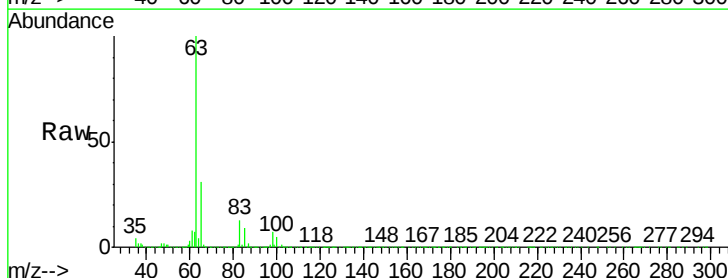
Tgt Ion: 63 Resp: 485701

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

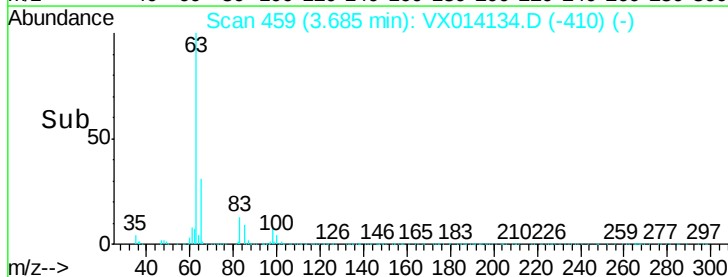
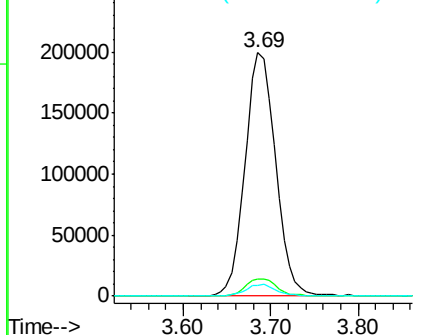
100 4.4 2.3 6.8

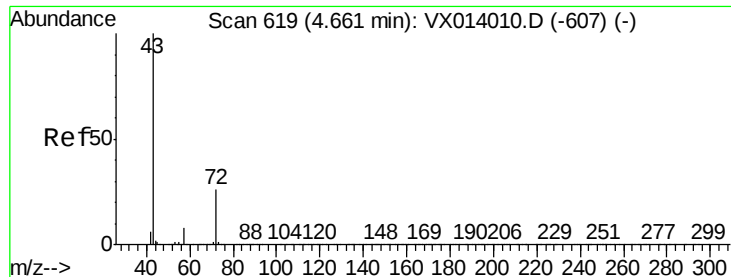


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 239.533 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Tot Ion: 43 Resp: 1076287

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4

Instrument :

MSVOA\_X

ClientSampleId :

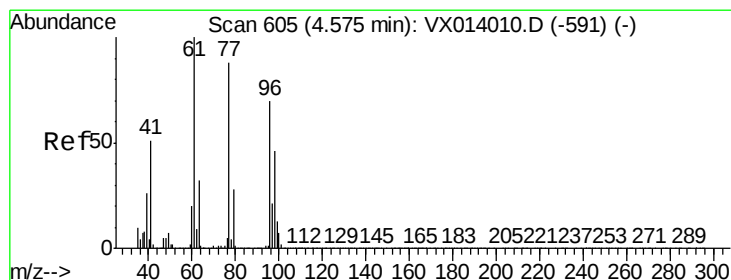
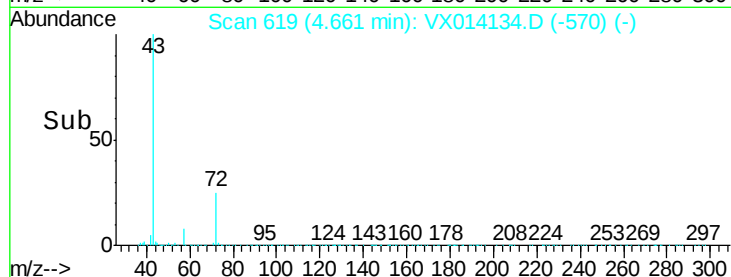
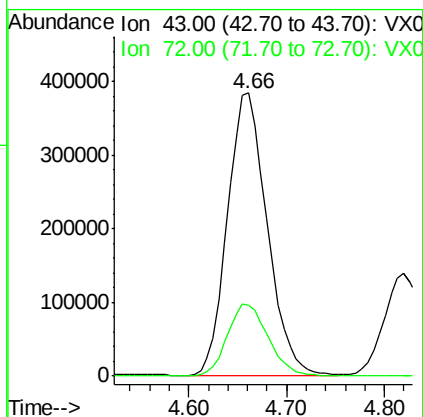
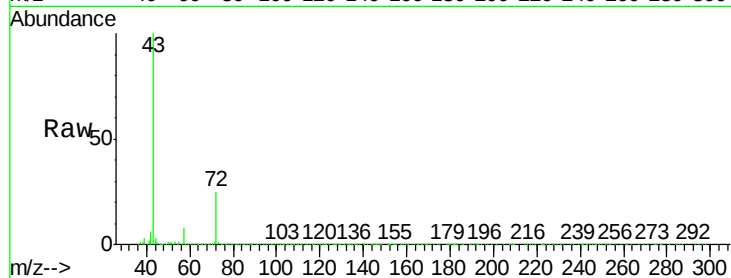
MW-3MS

Manual Integrations

APPROVED

apatel

12/20/2019 10:24:35 AM



#26

2,2-Dichloropropane

Concen: 45.539 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014134.D

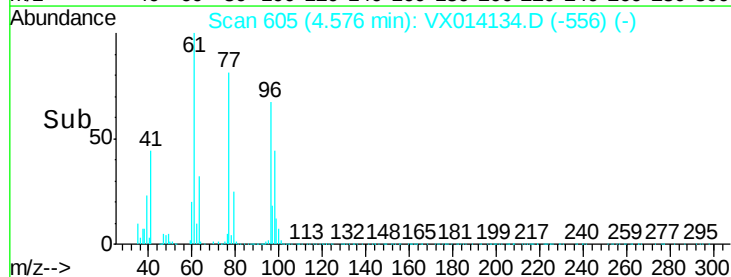
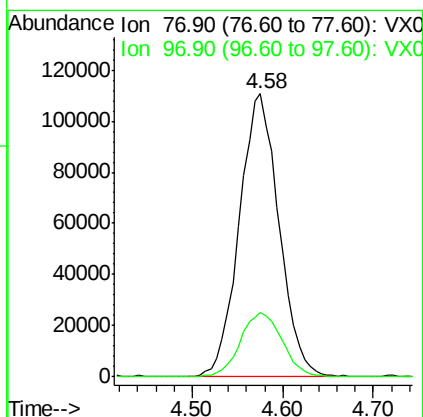
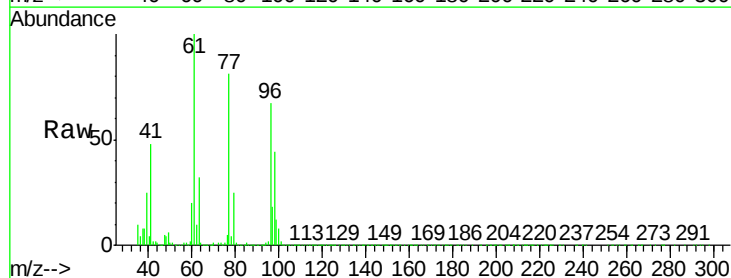
Acq: 19 Dec 2019 20:30

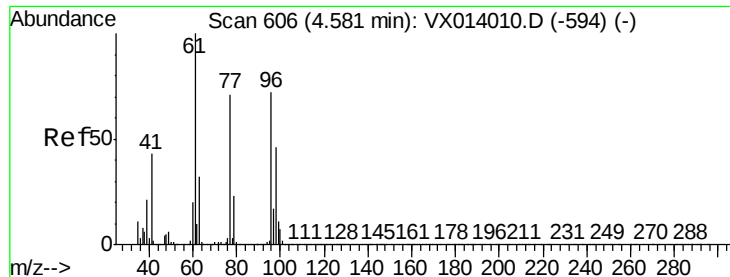
Tgt Ion: 77 Resp: 333477

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.9





#27

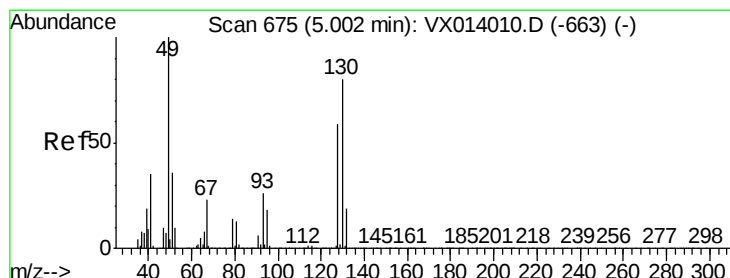
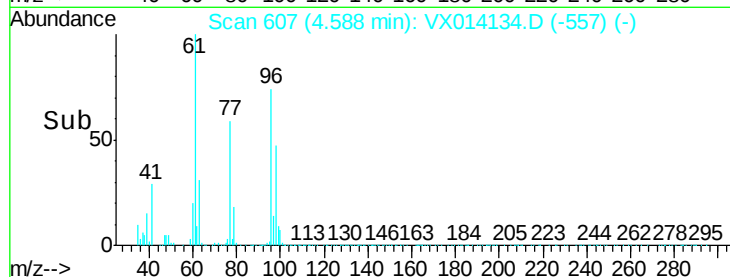
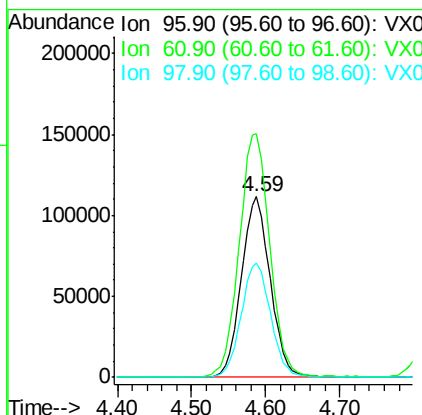
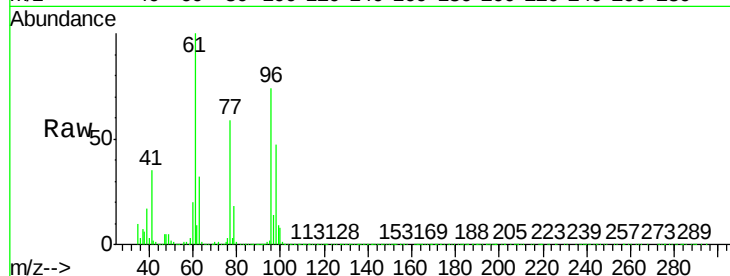
cis-1,2-Dichloroethene  
Concen: 51.103 ug/l  
RT: 4.59 min Scan# 607  
Delta R.T. 0.01 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 303376 |       |       |
| 61      | 142.4 |        | 0.0   | 288.4 |
| 98      | 64.6  |        | 0.0   | 129.6 |

Manual Integrations  
APPROVED

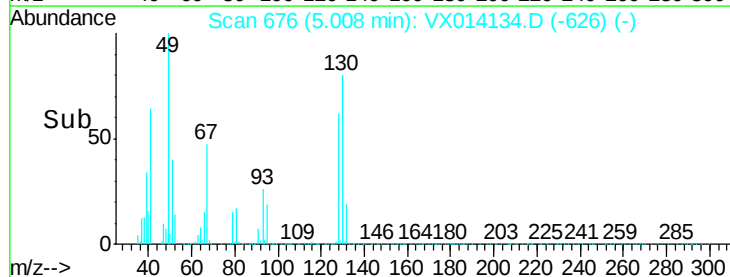
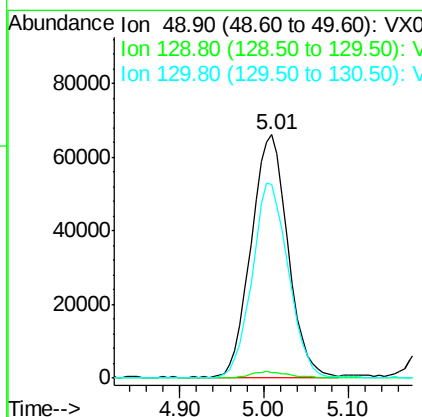
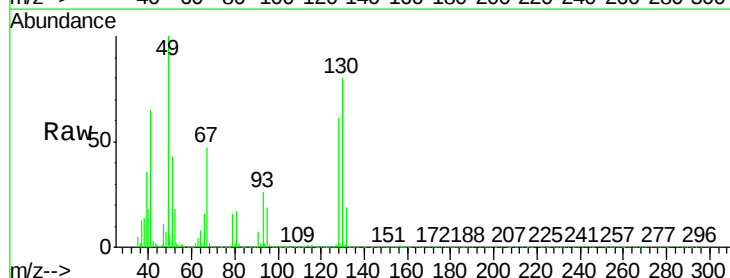
apatel  
12/20/2019 10:24:35 AM

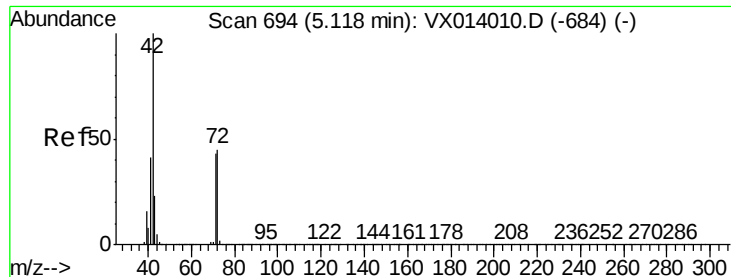


#28

Bromochloromethane  
Concen: 54.357 ug/l  
RT: 5.01 min Scan# 676  
Delta R.T. 0.01 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 197315 |       |       |
| 129     | 2.9   |        | 0.0   | 5.0   |
| 130     | 80.2  |        | 64.6  | 97.0  |





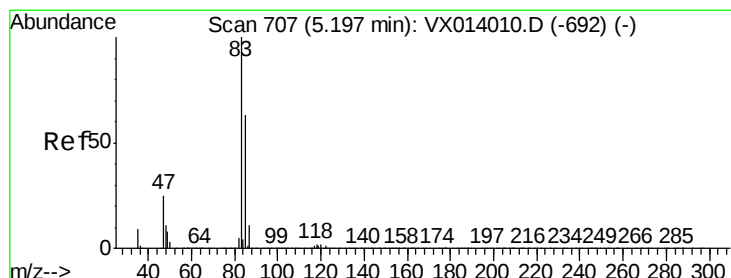
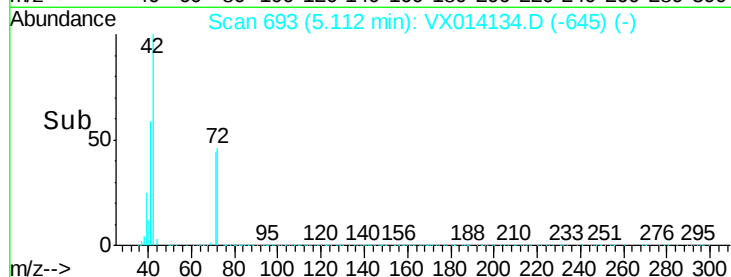
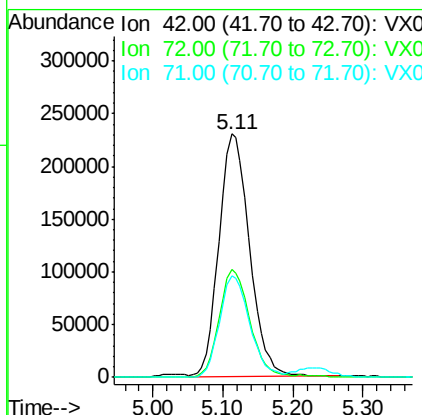
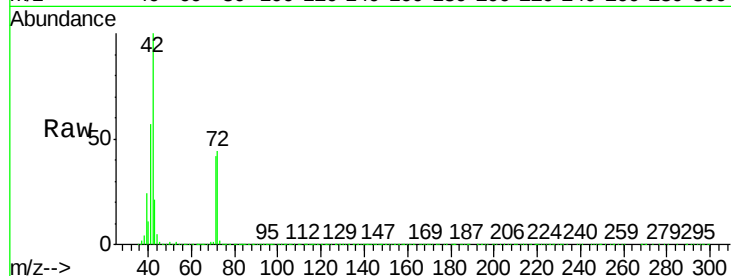
#29  
Tetrahydrofuran  
Concen: 278.315 ug/l  
RT: 5.11 min Scan# 693  
Delta R.T. -0.01 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.2  | 35.8  | 53.8  |
| 71      | 41.3  | 33.6  | 50.4  |

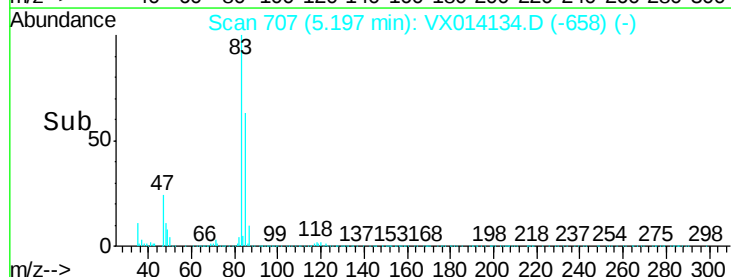
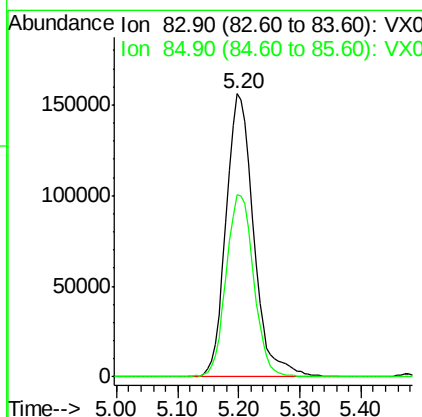
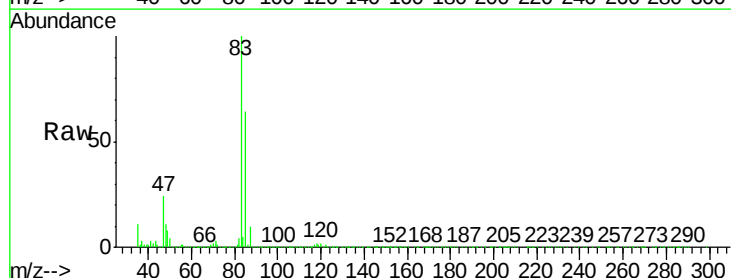
Manual Integrations  
APPROVED

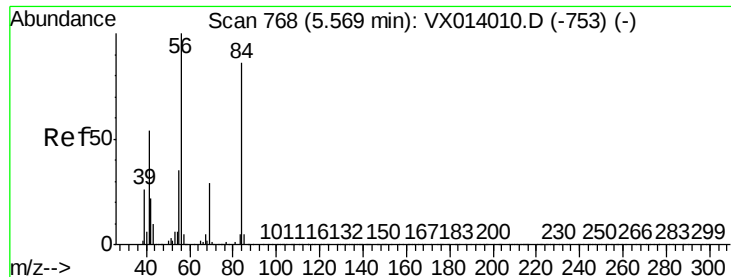
apatel  
12/20/2019 10:24:35 AM



#30  
Chloroform  
Concen: 54.234 ug/l  
RT: 5.20 min Scan# 707  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.3  | 50.8  | 76.2  |





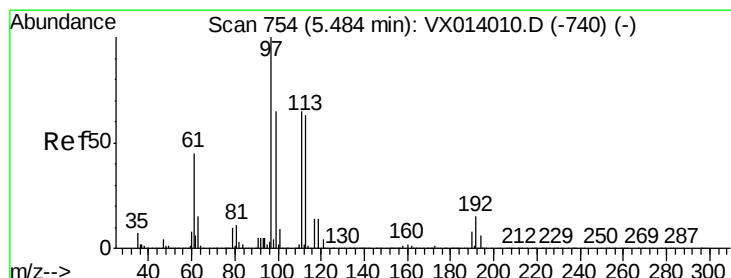
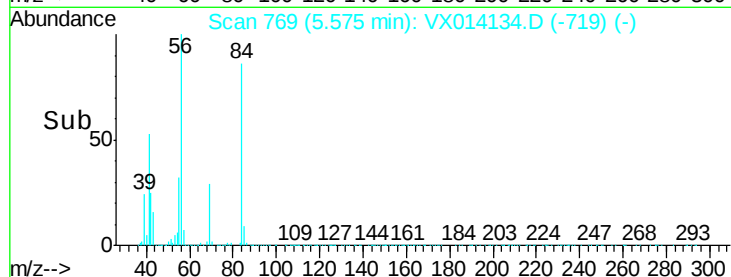
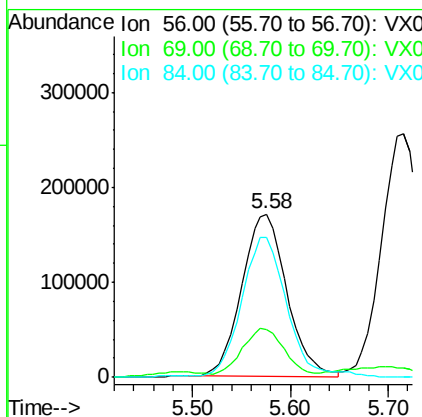
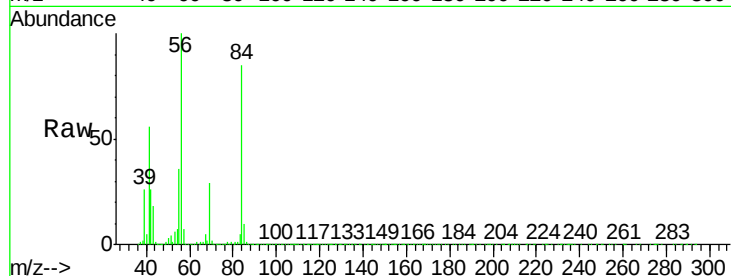
#31  
Cyclohexane  
Concen: 65.183 ug/l  
RT: 5.58 min Scan# 769  
Delta R.T. 0.01 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 26.2  | 23.2  | 34.8  |
| 84      | 85.0  | 69.2  | 103.8 |

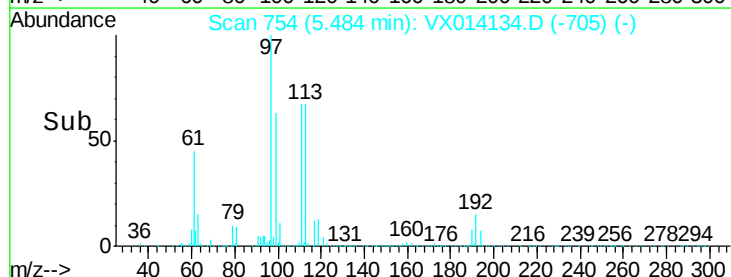
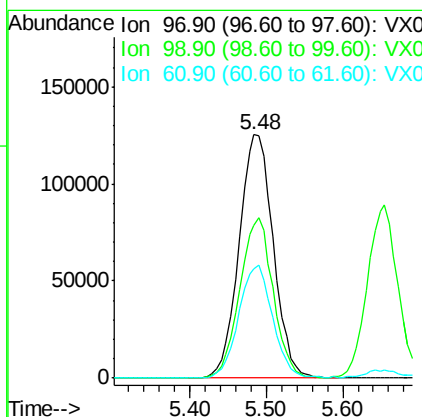
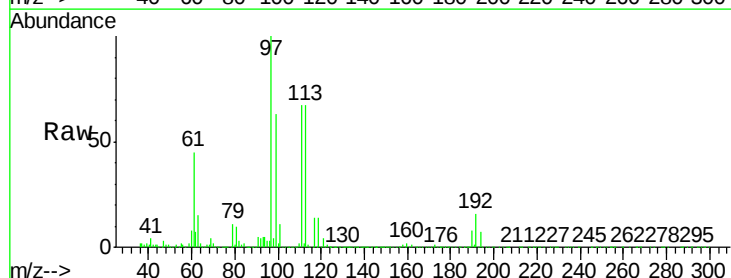
Manual Integrations  
APPROVED

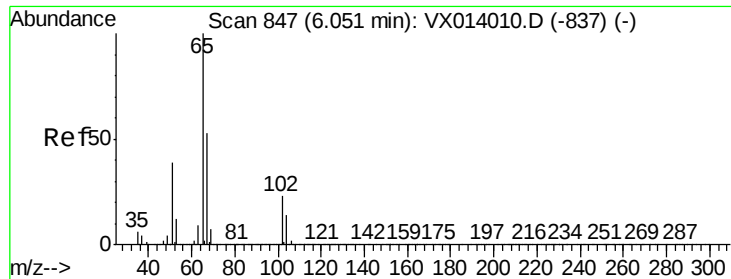
apatel  
12/20/2019 10:24:35 AM



#32  
1,1,1-Trichloroethane  
Concen: 50.887 ug/l  
RT: 5.48 min Scan# 754  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.1  | 52.0  | 78.0  |
| 61      | 46.2  | 36.7  | 55.1  |





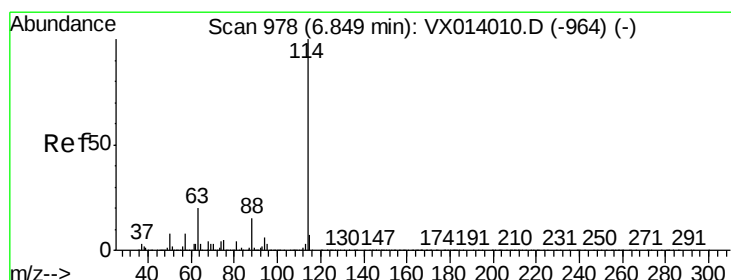
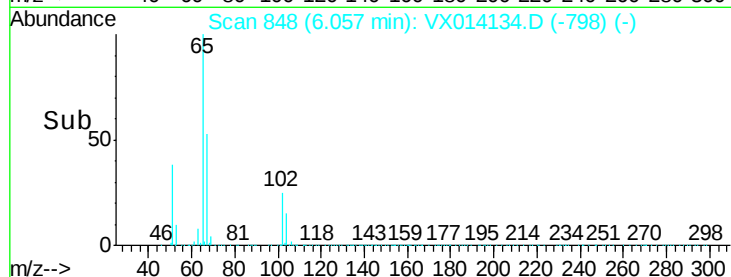
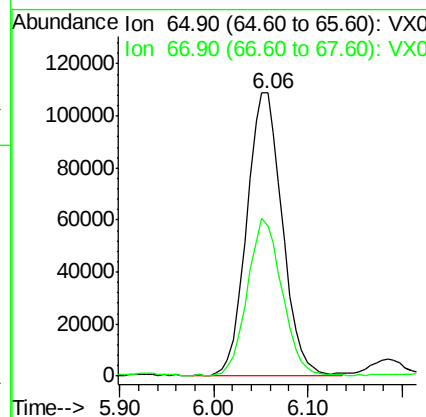
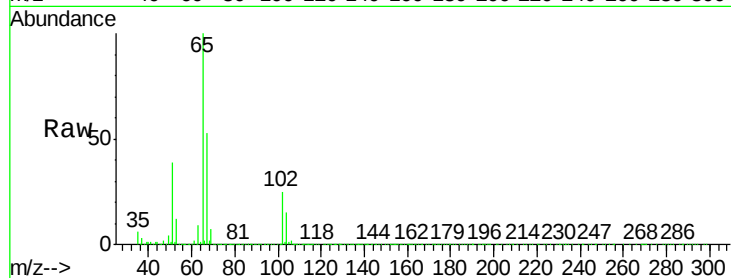
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.263 ug/l  
 RT: 6.06 min Scan# 848  
 Delta R.T. 0.01 min  
 Lab File: VX014134.D  
 Acq: 19 Dec 2019 20:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-3MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 287779 |       |       |
| 67      | 53.8  | 0.0    | 106.4 |       |

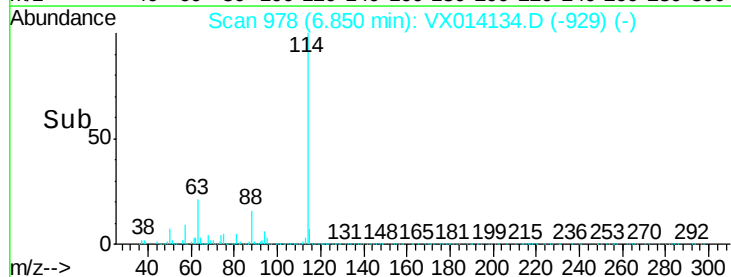
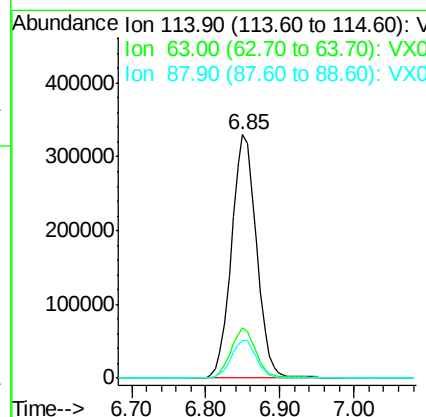
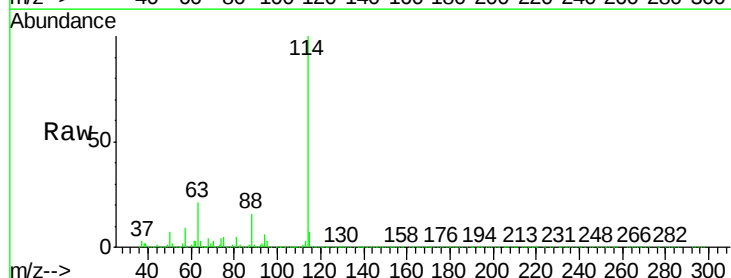
Manual Integrations  
 APPROVED

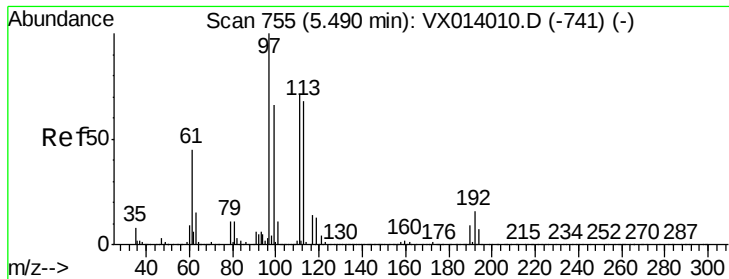
apatel  
 12/20/2019 10:24:35 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. 0.00 min  
 Lab File: VX014134.D  
 Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 778405 |       |       |
| 63      | 20.6  | 0.0    | 40.8  |       |
| 88      | 15.6  | 0.0    | 30.4  |       |





#35

Dibromofluoromethane

Concen: 50.939 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

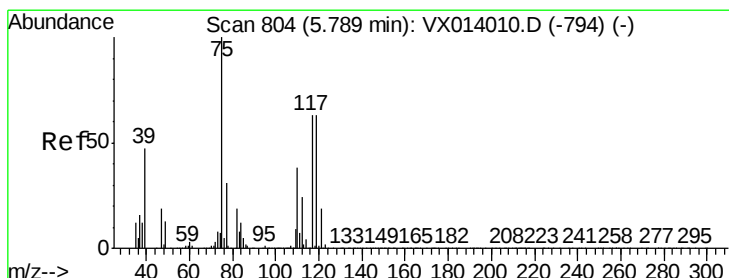
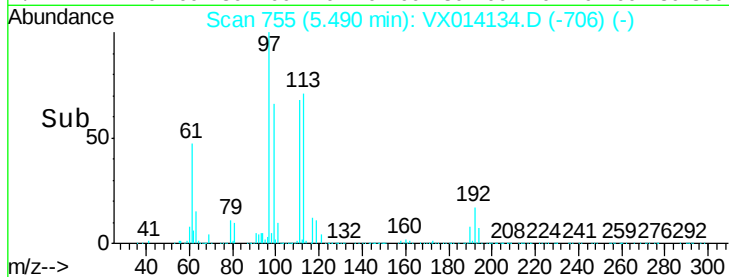
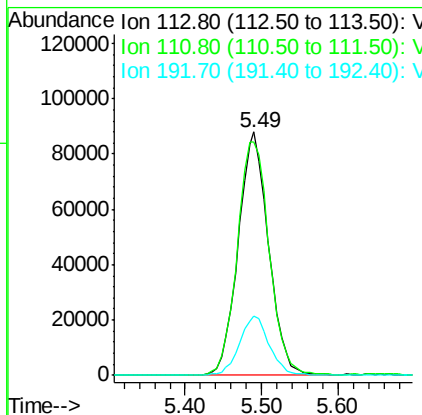
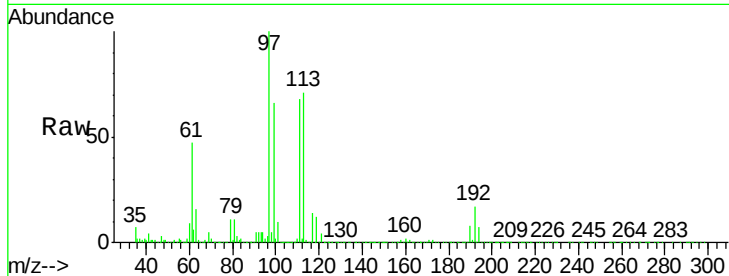
ClientSampleId :

MW-3MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 241035 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.5 | 82.0  | 123.0  |
| 192       | 23.7  | 19.3  | 28.9   |

Manual Integrations  
APPROVED

apatel  
12/20/2019 10:24:35 AM



#36

1,1-Dichloropropene

Concen: 49.351 ug/l

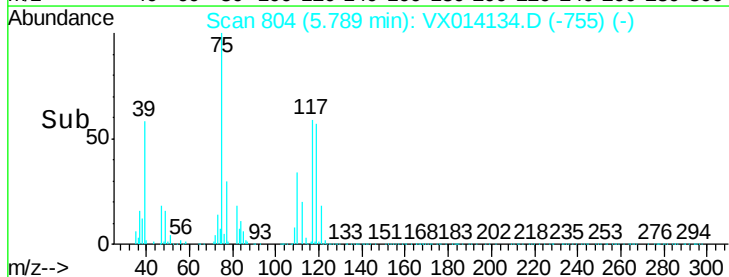
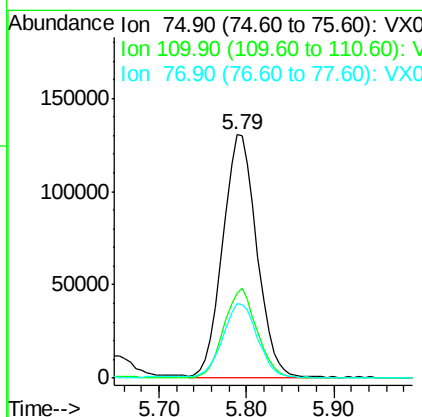
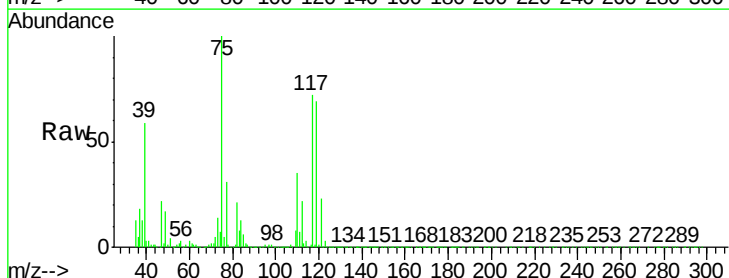
RT: 5.79 min Scan# 804

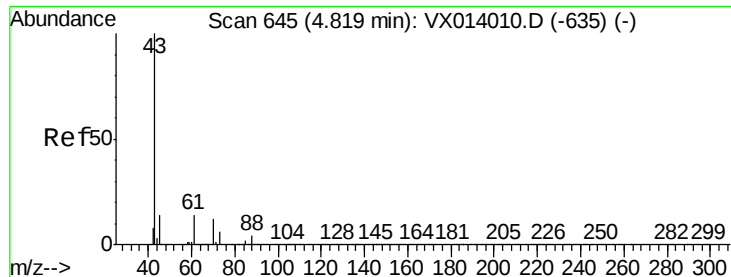
Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 352478 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.0  | 18.3  | 54.9   |
| 77        | 30.8  | 24.8  | 37.2   |





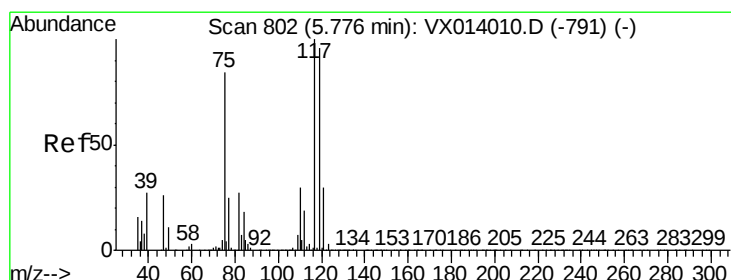
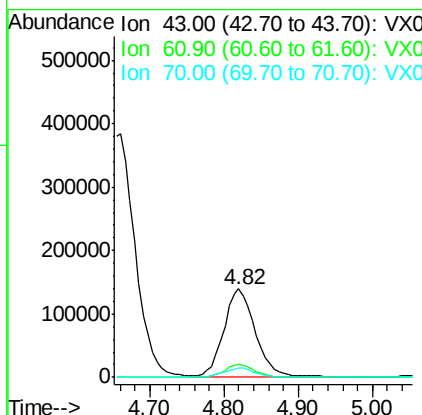
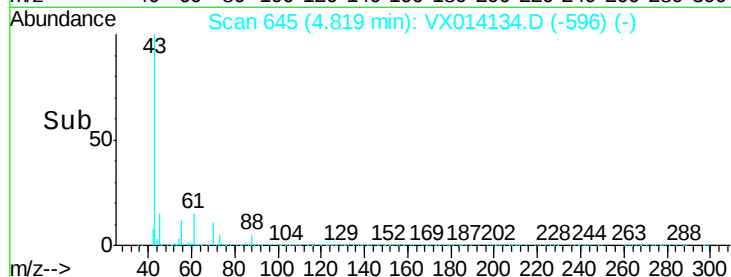
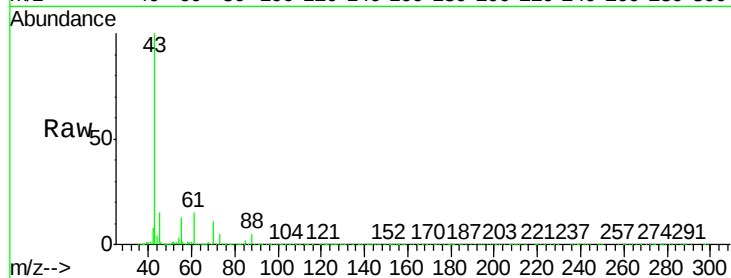
#37  
Ethyl Acetate  
Concen: 51.754 ug/l  
RT: 4.82 min Scan# 645  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 408194 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 13.7  | 10.8  | 16.2   |
| 70       | 11.0  | 8.6   | 12.8   |

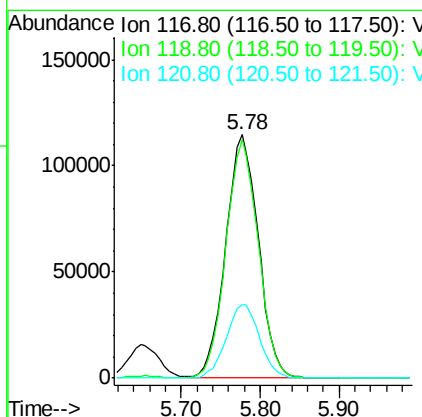
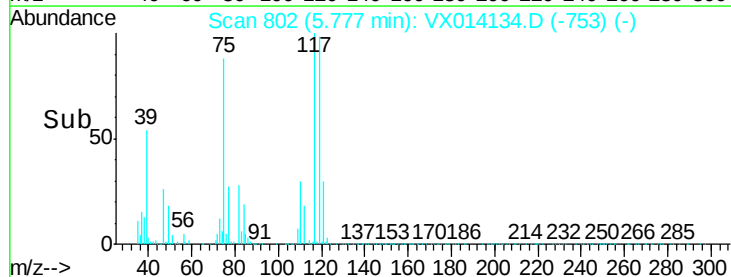
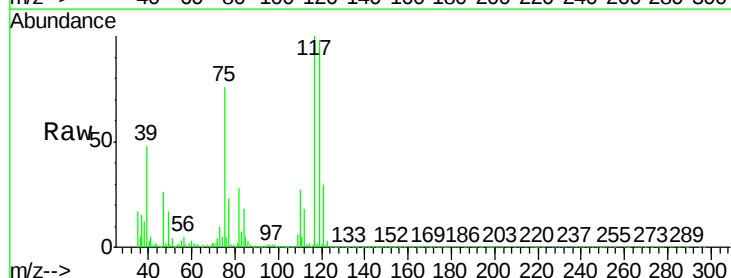
Manual Integrations  
APPROVED

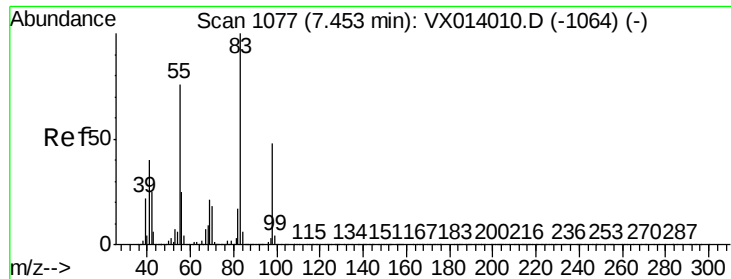
apatel  
12/20/2019 10:24:35 AM



#38  
Carbon Tetrachloride  
Concen: 50.669 ug/l  
RT: 5.78 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 329680 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.9  | 76.2  | 114.4  |
| 121      | 29.9  | 23.6  | 35.4   |





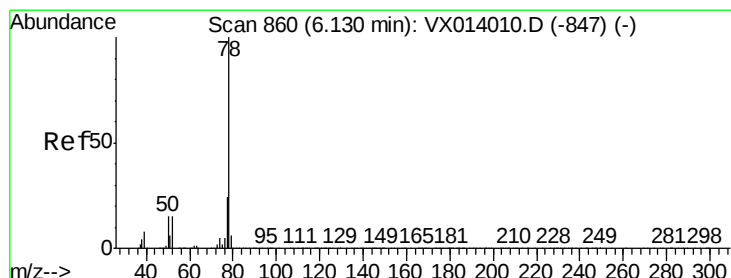
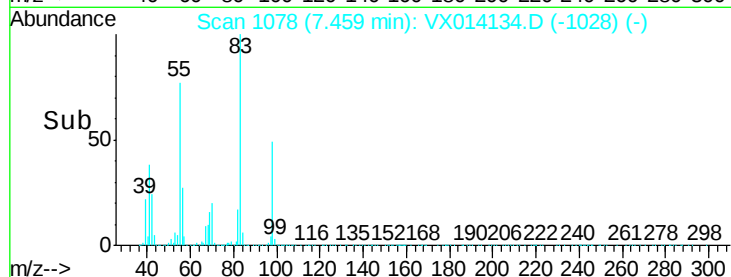
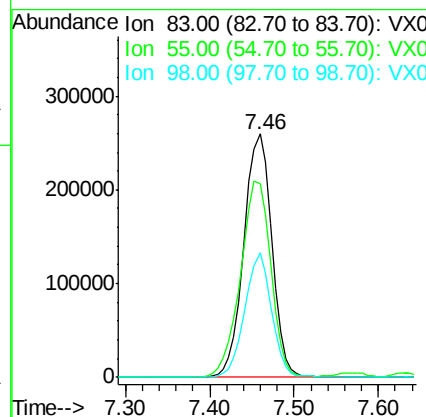
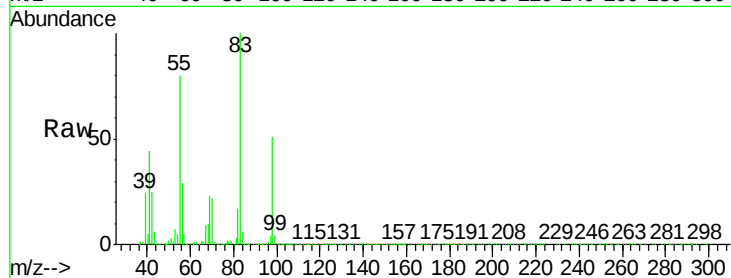
#39  
Methvlcvclohexane  
Concen: 65.793 ug/l  
RT: 7.46 min Scan# 1078  
Delta R.T. 0.01 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 580226 |       |       |
| 55      | 79.7  |        | 61.0  | 91.6  |
| 98      | 51.4  |        | 38.6  | 57.8  |

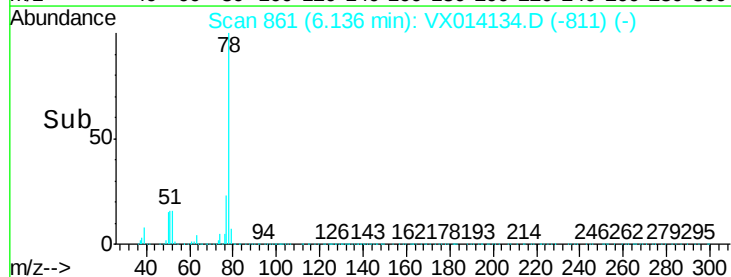
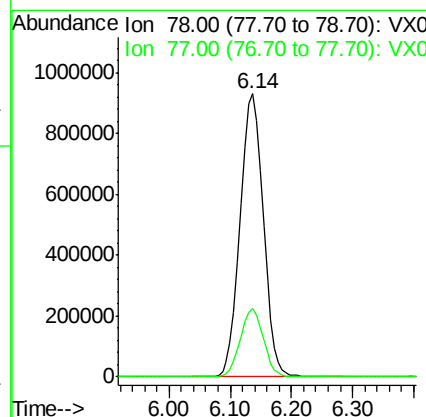
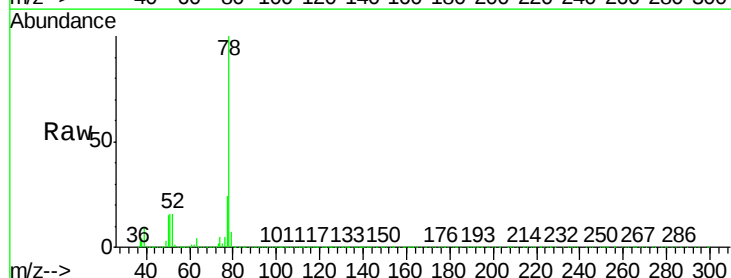
Manual Integrations  
APPROVED

apatel  
12/20/2019 10:24:35 AM



#40  
Benzene  
Concen: 111.004 ug/l  
RT: 6.14 min Scan# 861  
Delta R.T. 0.01 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 78      | 100   | 2439419 |       |       |
| 77      | 23.9  |         | 18.8  | 28.2  |





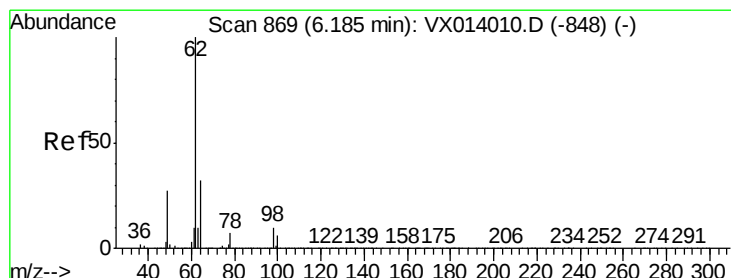
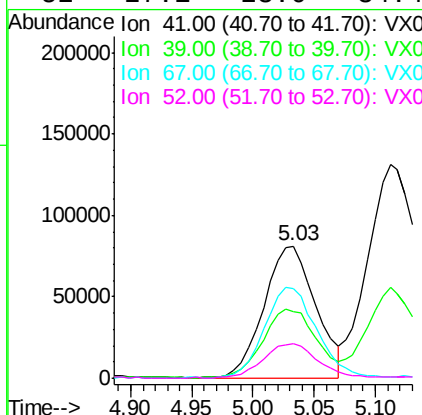
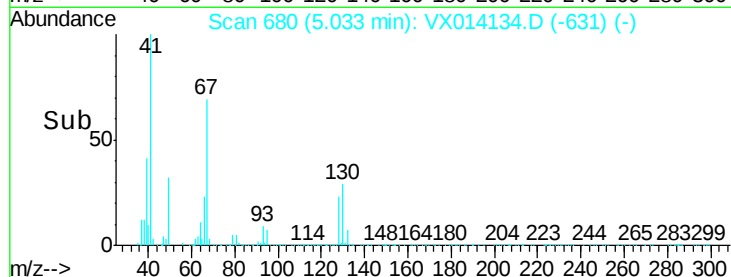
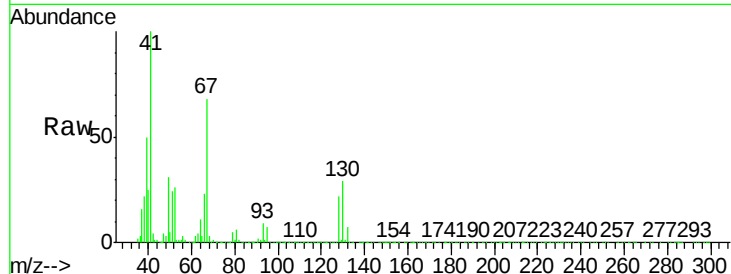
#41  
Methacrylonitrile  
Concen: 54.315 ug/l  
RT: 5.03 min Scan# 680  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampled :  
MW-3MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 237690 |       |       |
| 39      | 53.6 | 44.5  | 66.7   |       |       |
| 67      | 69.4 | 57.4  | 86.0   |       |       |
| 52      | 27.1 | 23.0  | 34.4   |       |       |

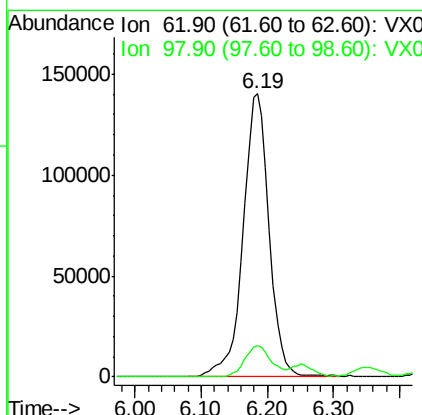
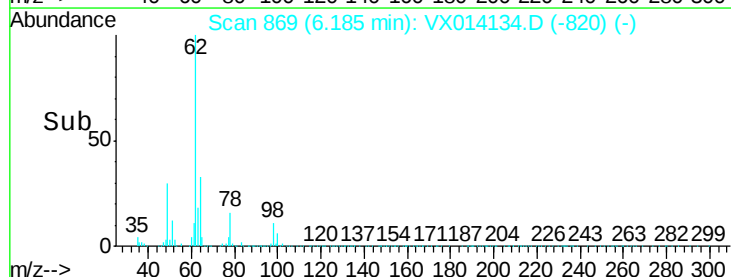
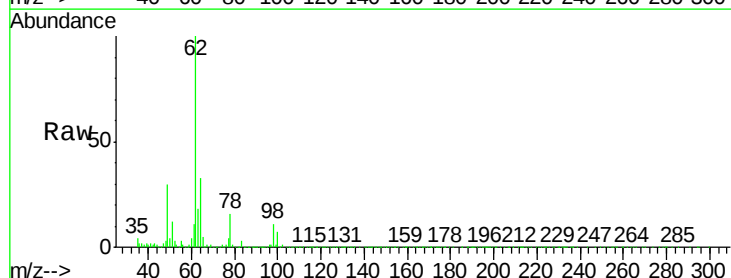
Manual Integrations  
APPROVED

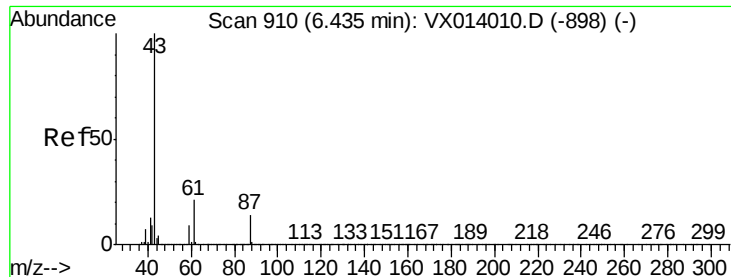
apatel  
12/20/2019 10:24:35 AM



#42  
1,2-Dichloroethane  
Concen: 51.463 ug/l  
RT: 6.19 min Scan# 869  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 62      | 100  |       | 383365 |       |       |
| 98      | 11.1 | 0.0   | 21.0   |       |       |





#43

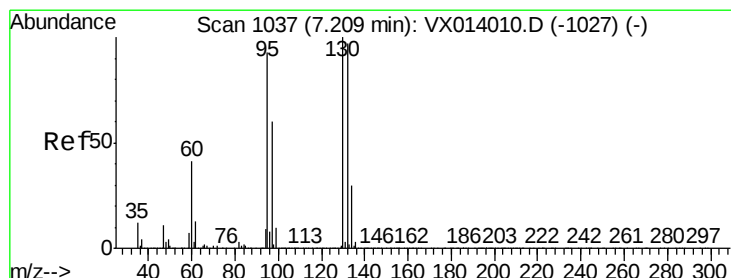
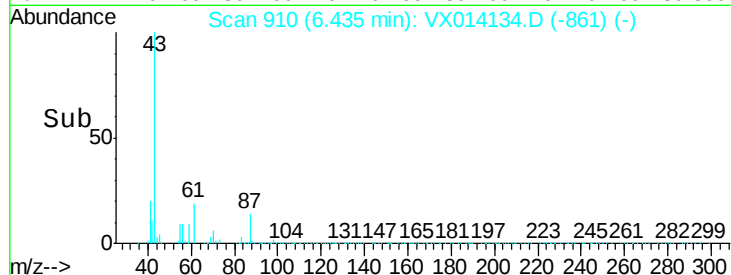
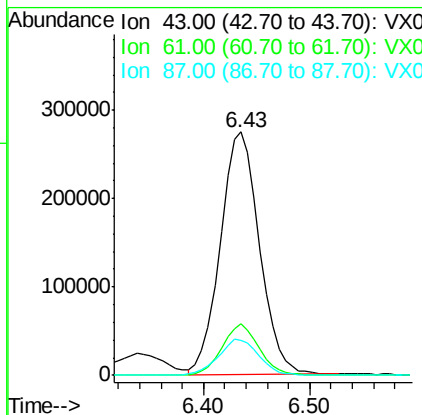
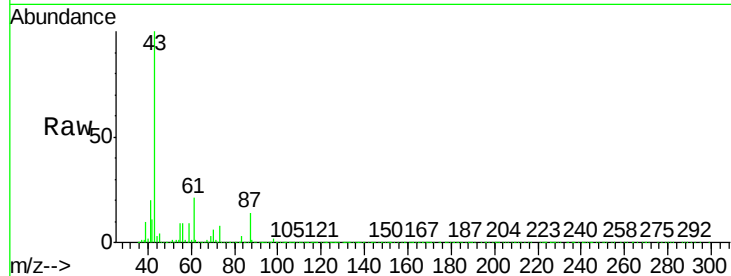
Isopropyl Acetate  
 Concen: 53.635 ug/l  
 RT: 6.43 min Scan# 910  
 Delta R.T. 0.00 min  
 Lab File: VX014134.D  
 Acq: 19 Dec 2019 20:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-3MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.8  | 16.4  | 24.6  |
| 87      | 15.5  | 10.7  | 16.1  |

Manual Integrations  
 APPROVED

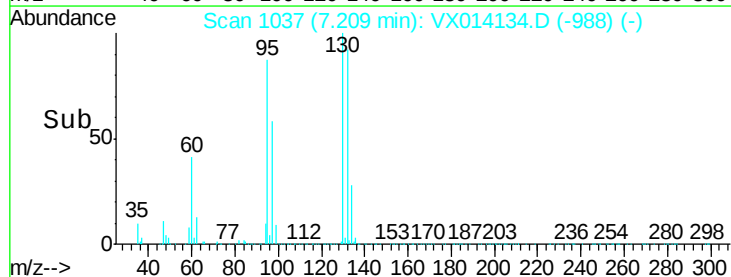
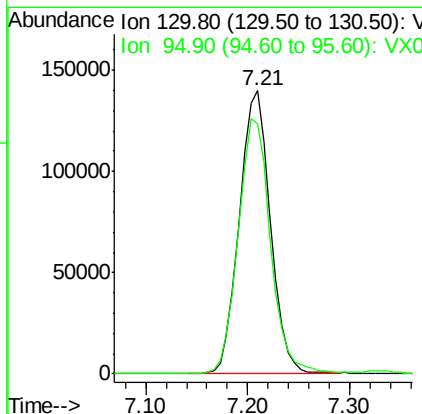
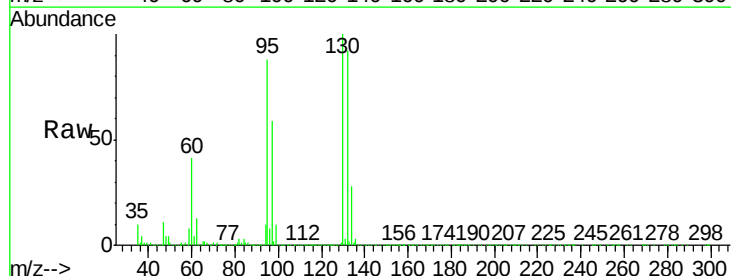
apatel  
 12/20/2019 10:24:35 AM

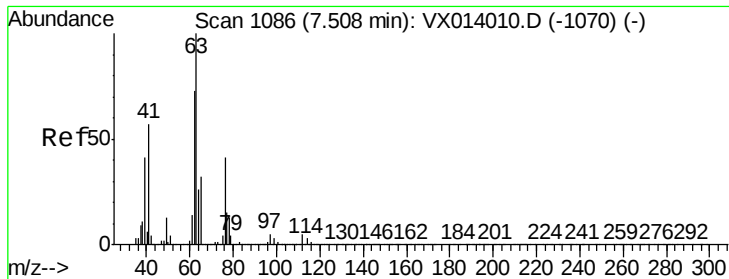


#44

Trichloroethene  
 Concen: 48.614 ug/l  
 RT: 7.21 min Scan# 1037  
 Delta R.T. 0.00 min  
 Lab File: VX014134.D  
 Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 88.1  | 0.0   | 185.6 |





#45

1,2-Dichloropropane

Concen: 51.146 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

ClientSampleId :

MW-3MS

Tot Ion: 63 Resp: 288090

Ion Ratio Lower Upper

63 100

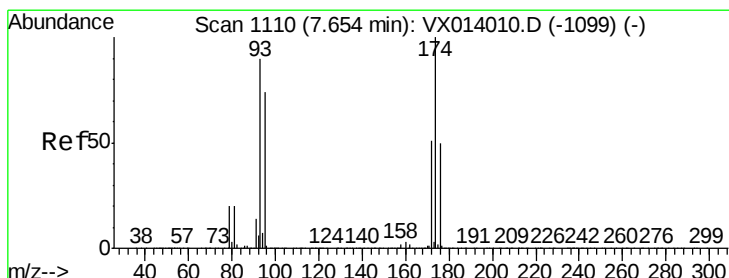
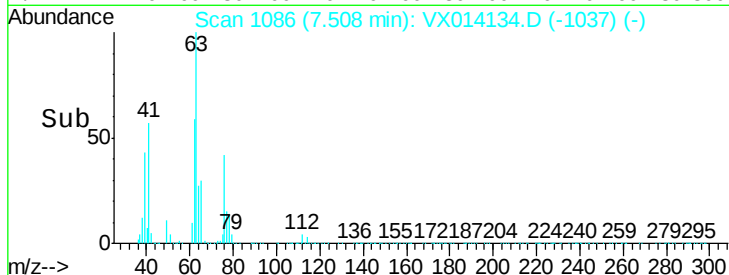
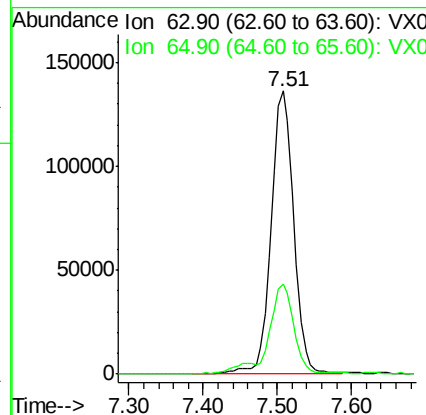
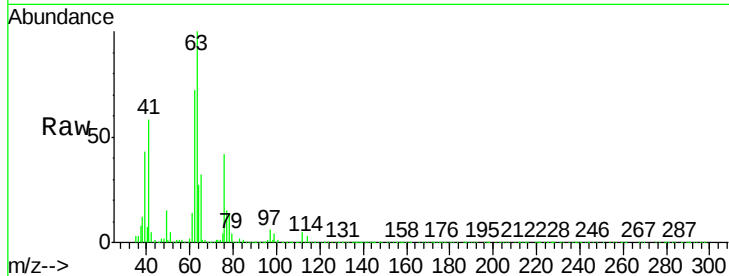
65 31.8 25.8 38.8

Manual Integrations

APPROVED

apatel

12/20/2019 10:24:35 AM



#46

Dibromomethane

Concen: 49.059 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

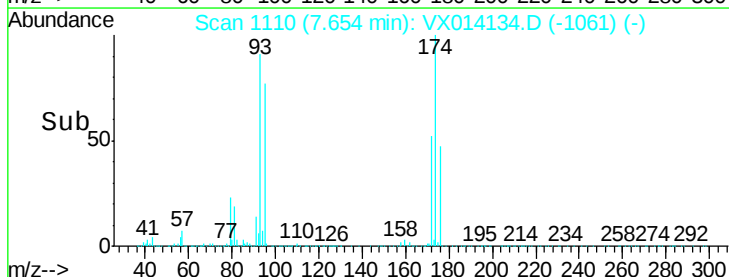
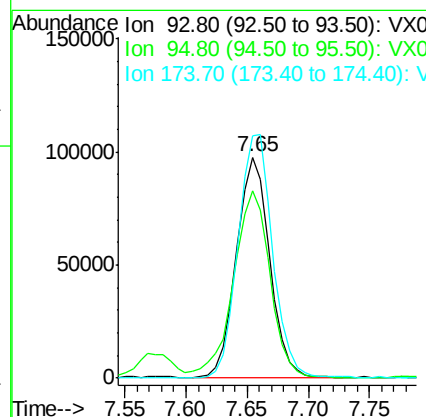
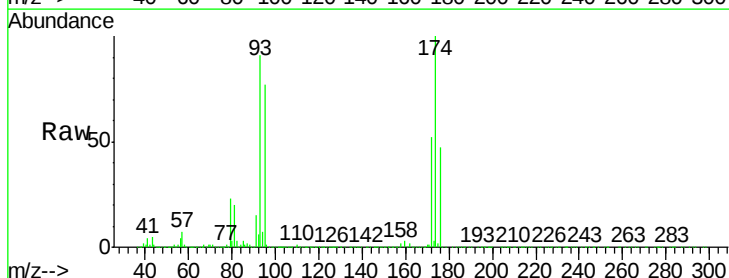
Tgt Ion: 93 Resp: 182699

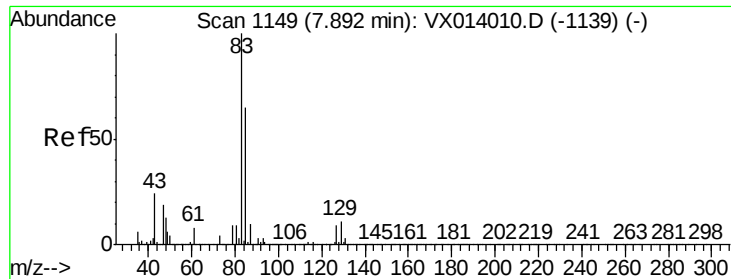
Ion Ratio Lower Upper

93 100

95 93.7 67.3 100.9

174 115.7 91.6 137.4





#47

Bromodichloromethane

Concen: 51.721 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

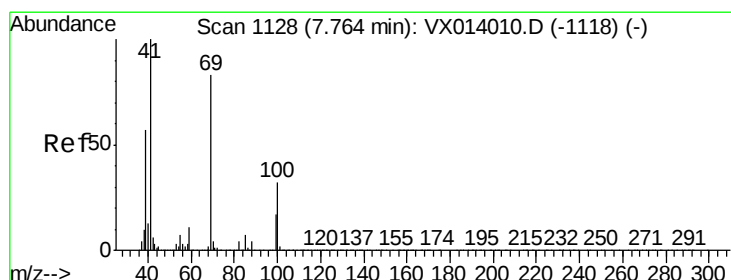
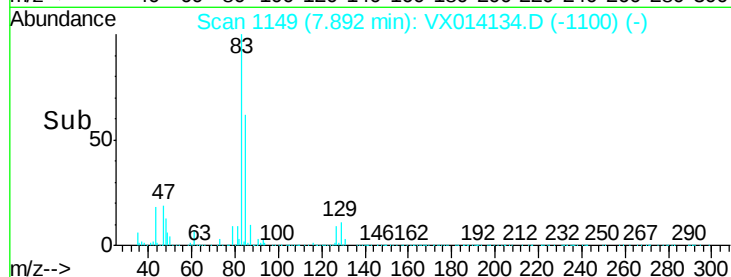
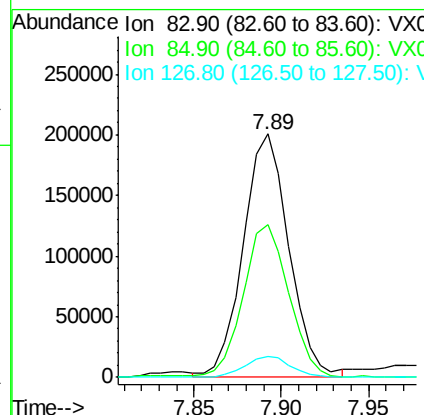
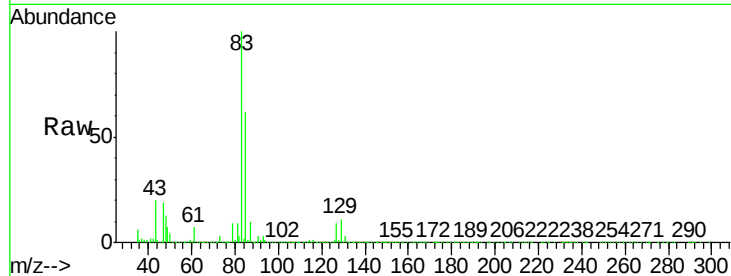
ClientSampleId :

MW-3MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 362755 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.1  | 51.8  | 77.8   |
| 127       | 8.7   | 7.0   | 10.4   |

Manual Integrations  
APPROVED

apatel  
12/20/2019 10:24:35 AM



#48

Methyl methacrylate

Concen: 56.858 ug/l

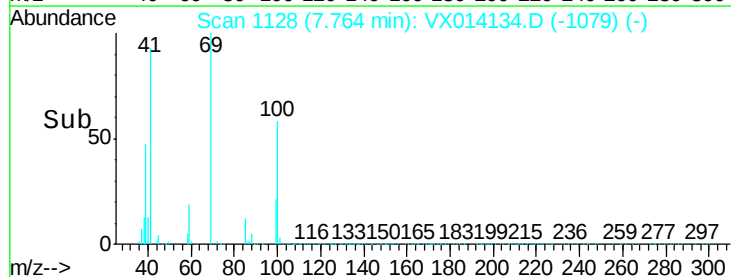
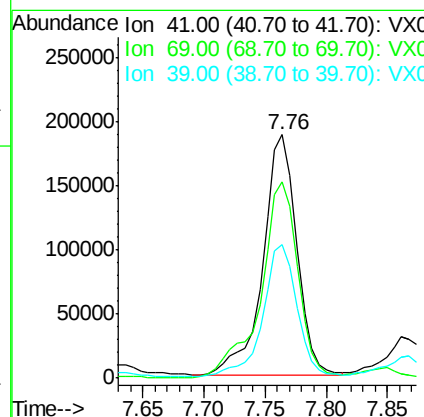
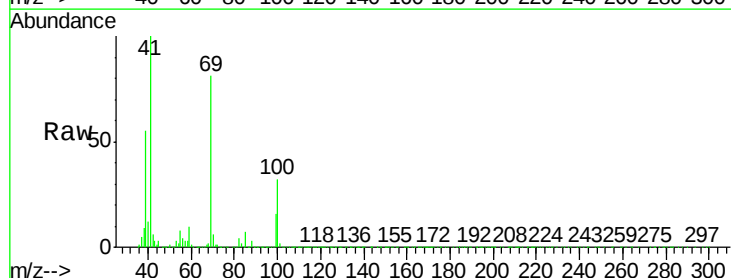
RT: 7.76 min Scan# 1128

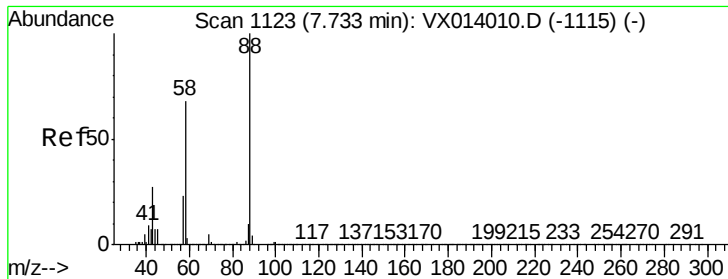
Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 363414 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 90.1  | 65.8  | 98.6   |
| 39        | 55.5  | 44.6  | 67.0   |





#49

1,4-Dioxane

Concen: 972.380 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

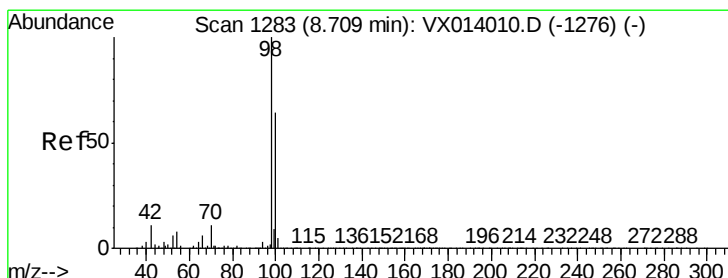
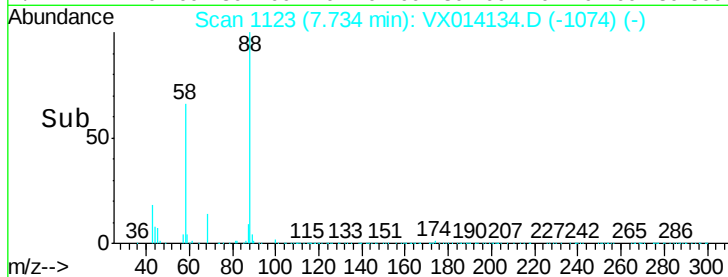
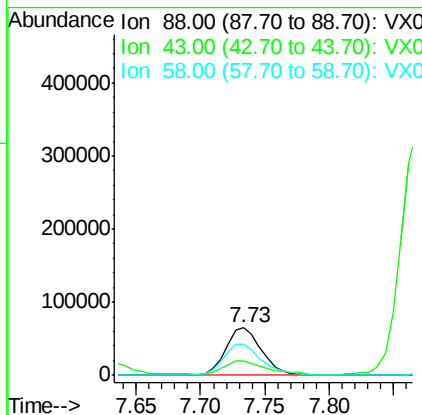
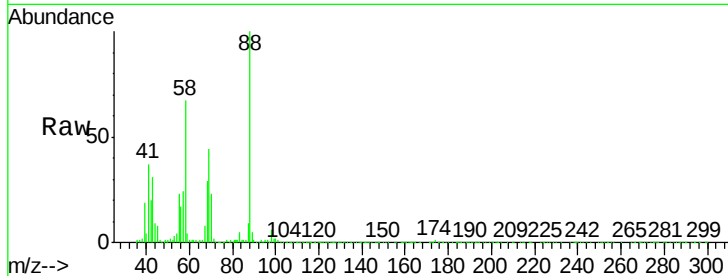
ClientSampleId :

MW-3MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 88    | Resp: | 126478 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 43        | 35.0  | 26.5  | 39.7   |
| 58        | 68.8  | 56.8  | 85.2   |

Manual Integrations  
APPROVED

apatel  
12/20/2019 10:24:35 AM



#50

Toluene-d8

Concen: 51.860 ug/l

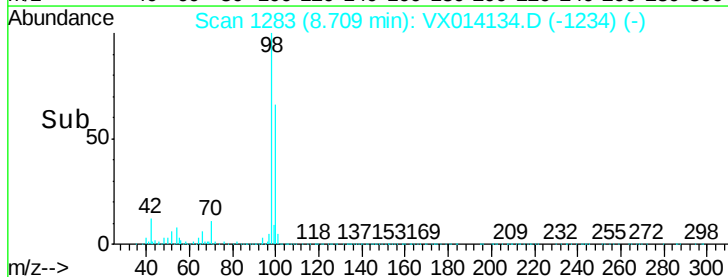
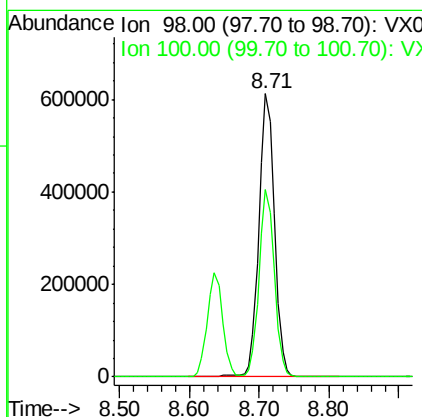
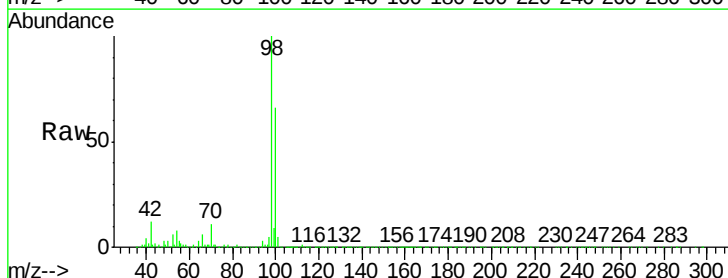
RT: 8.71 min Scan# 1283

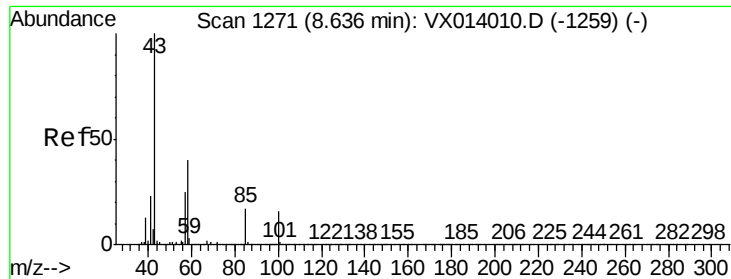
Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 955379 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 64.8  | 52.9  | 79.3   |





#51

4-Methyl-2-Pentanone

Concen: 268.969 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

ClientSampleId :

MW-3MS

Tot Ion: 43 Resp: 2204840

Ion Ratio Lower Upper

43 100

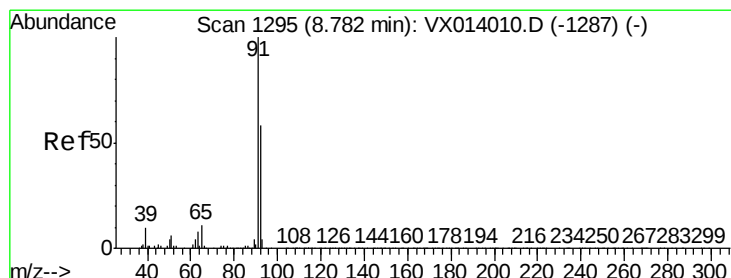
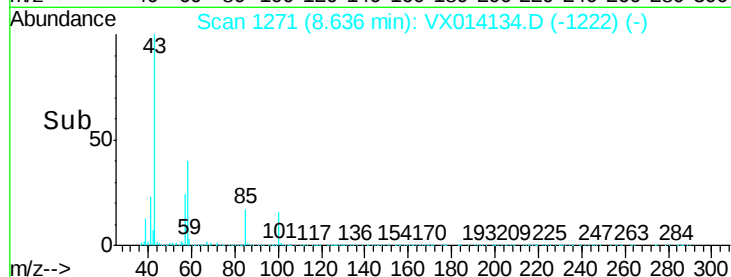
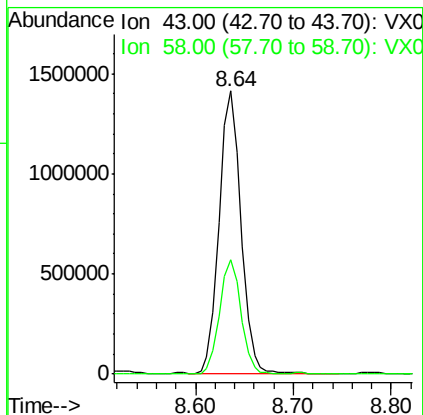
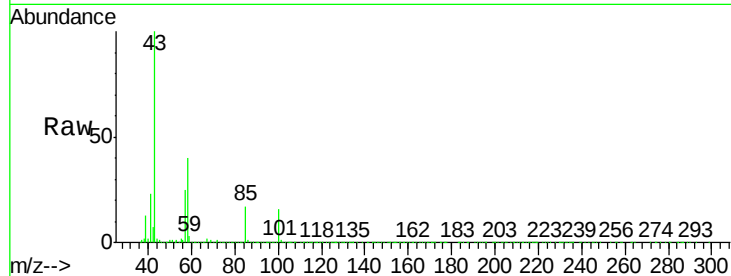
58 39.6 32.2 48.2

Manual Integrations

APPROVED

apatel

12/20/2019 10:24:35 AM



#52

Toluene

Concen: 74.546 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014134.D

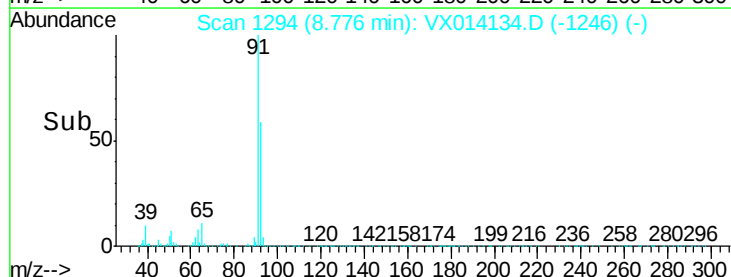
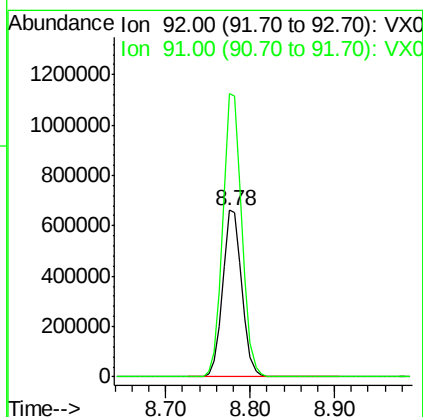
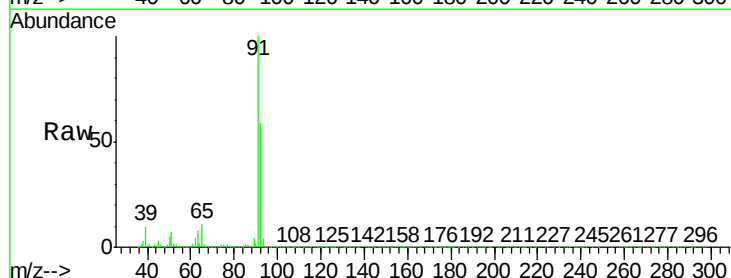
Acq: 19 Dec 2019 20:30

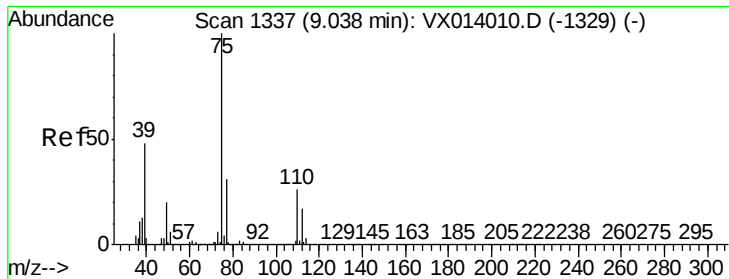
Tgt Ion: 92 Resp: 1035465

Ion Ratio Lower Upper

92 100

91 169.3 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 51.240 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

ClientSampleId :

MW-3MS

Tot Ion: 75 Resp: 394060

Ion Ratio Lower Upper

75 100

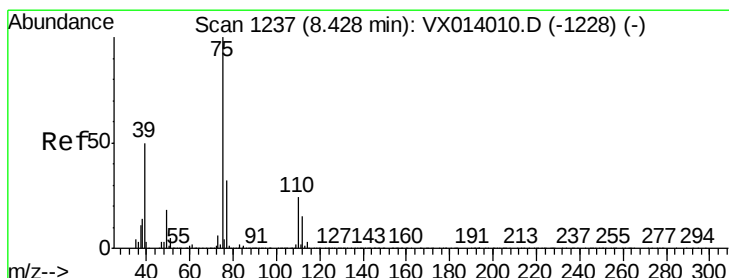
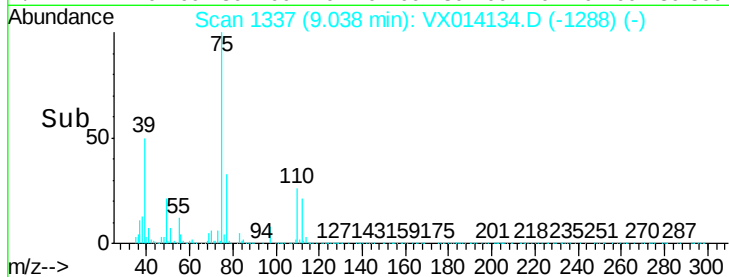
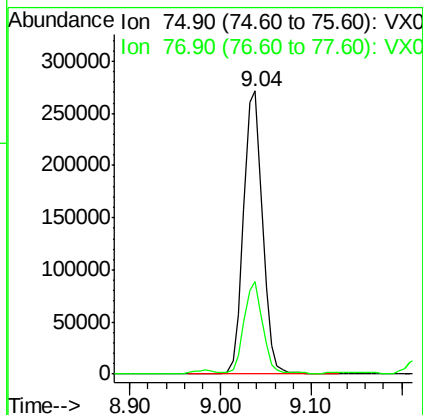
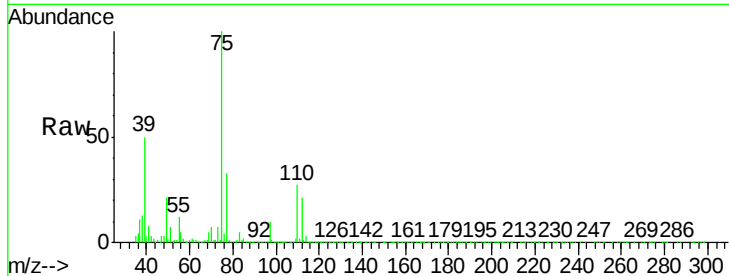
77 32.2 25.1 37.7

Manual Integrations

APPROVED

apatel

12/20/2019 10:24:35 AM



#54

cis-1,3-Dichloropropene

Concen: 51.348 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

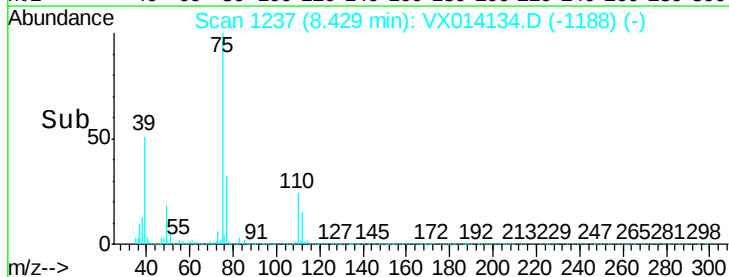
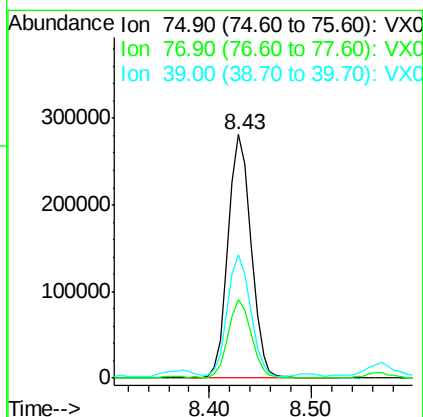
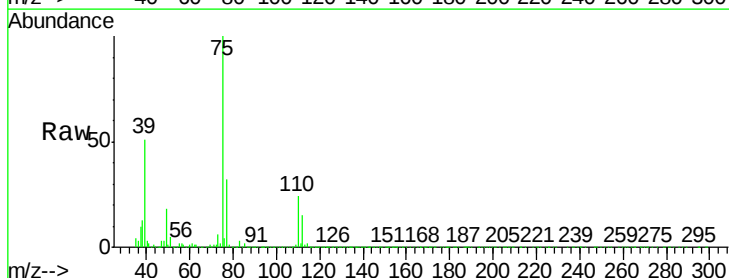
Tgt Ion: 75 Resp: 439935

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 49.7 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 49.567 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

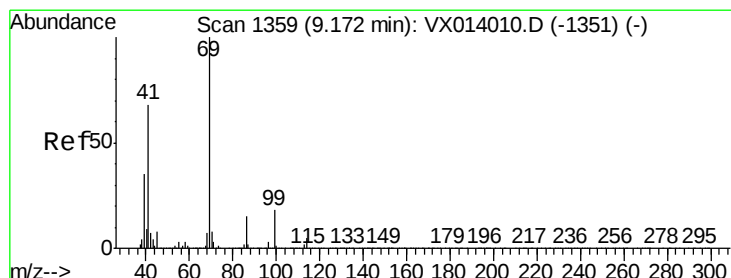
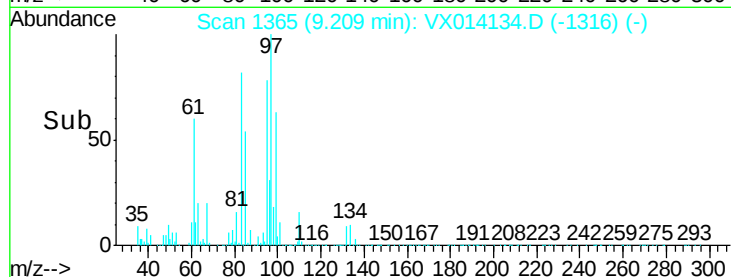
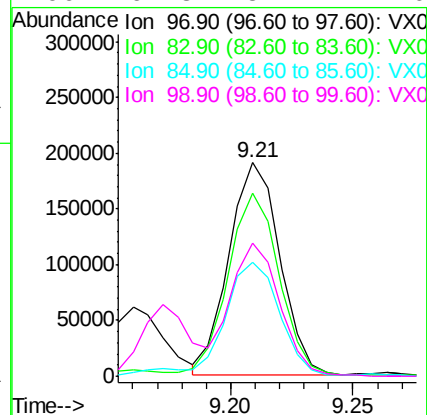
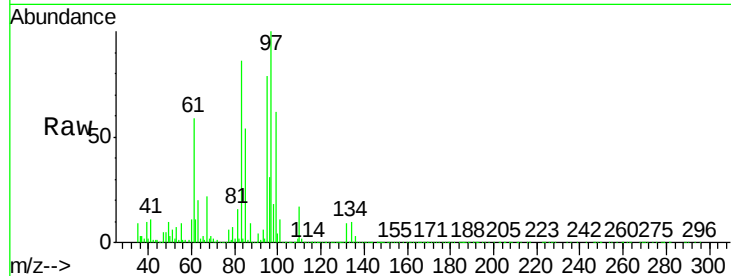
ClientSampled :

MW-3MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 275946 |       |       |
| 83      | 85.9 | 68.2  | 102.4  |       |       |
| 85      | 53.5 | 44.6  | 66.8   |       |       |
| 99      | 62.3 | 51.4  | 77.0   |       |       |

Manual Integrations  
APPROVED

apatel  
12/20/2019 10:24:35 AM



#56

Ethyl methacrylate

Concen: 56.613 ug/l

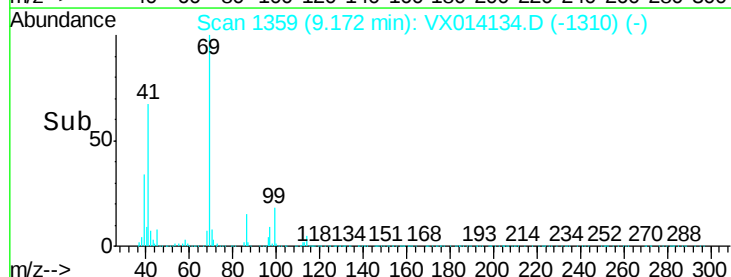
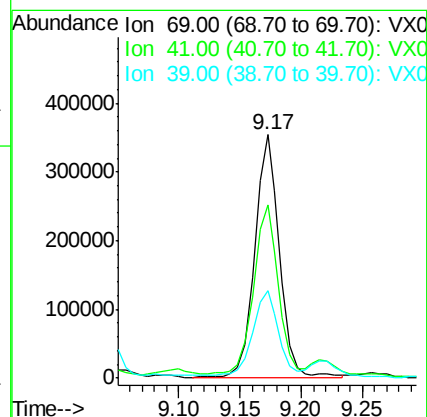
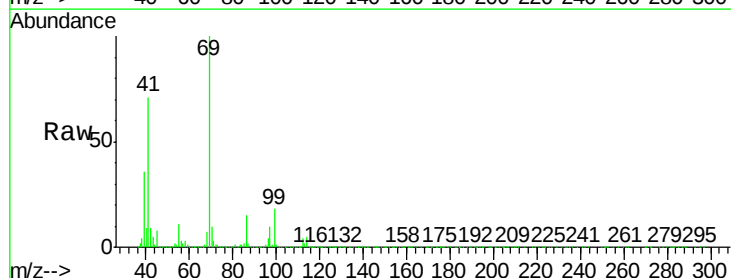
RT: 9.17 min Scan# 1359

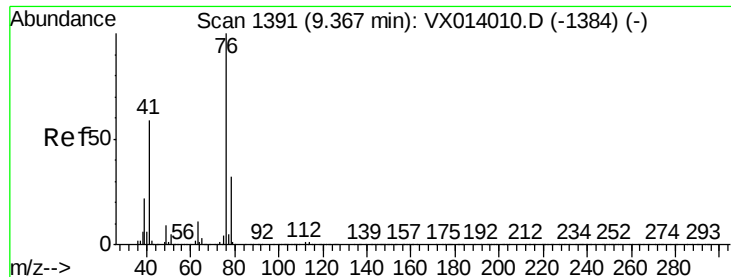
Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 495085 |       |       |
| 41      | 69.8 | 54.8  | 82.2   |       |       |
| 39      | 36.2 | 28.3  | 42.5   |       |       |





#57

1,3-Dichloropropane

Concen: 51.086 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

ClientSampleId :

MW-3MS

Tot Ion: 76 Resp: 478501

Ion Ratio Lower Upper

76 100

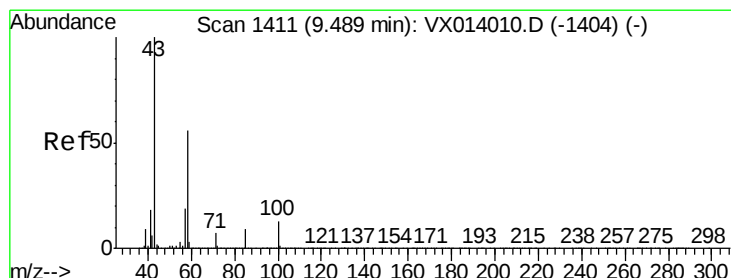
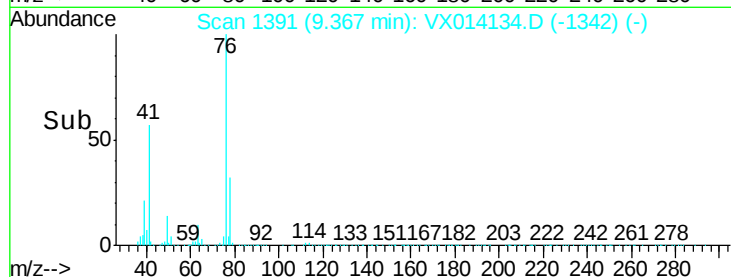
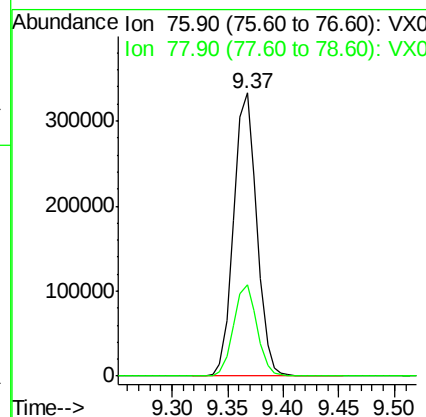
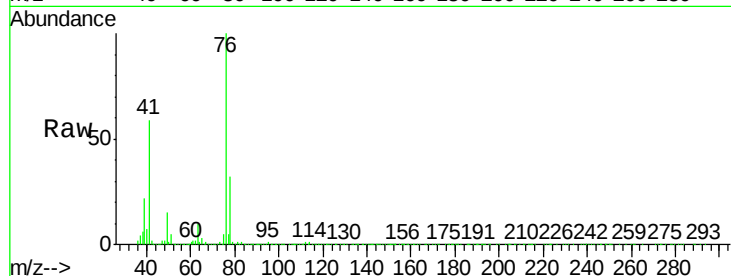
78 32.6 25.8 38.6

Manual Integrations

APPROVED

apatel

12/20/2019 10:24:35 AM



#59

2-Hexanone

Concen: 249.892 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX014134.D

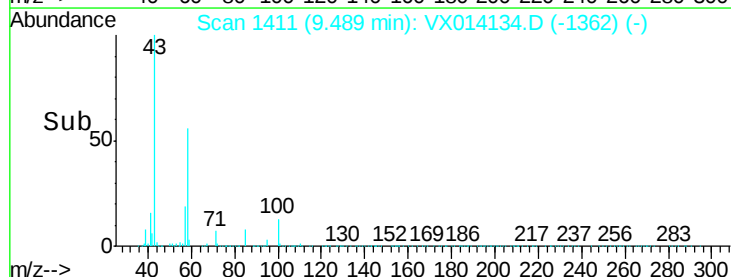
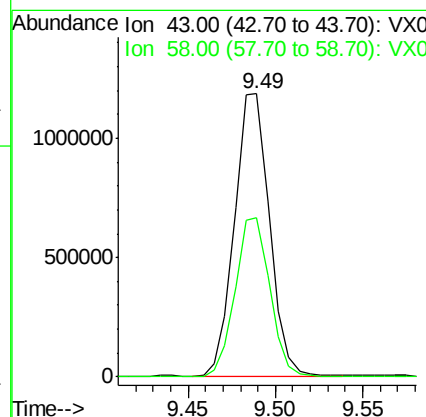
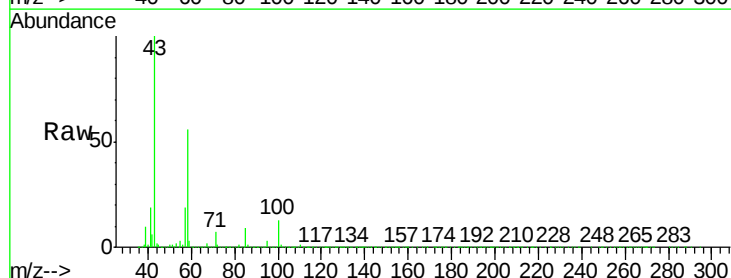
Acq: 19 Dec 2019 20:30

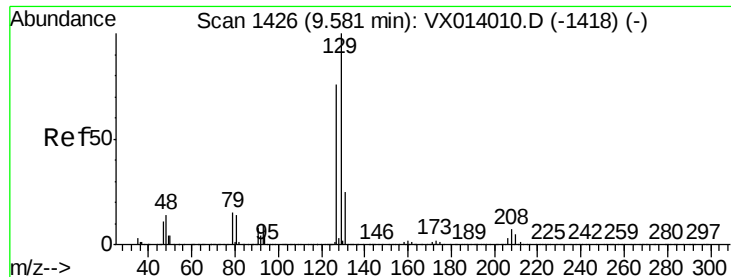
Tgt Ion: 43 Resp: 1649016

Ion Ratio Lower Upper

43 100

58 56.4 28.0 84.0





#60

Dibromochloromethane

Concen: 52.107 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

ClientSampleId :

MW-3MS

Tot Ion:129 Resp: 288350

Ion Ratio Lower Upper

129 100

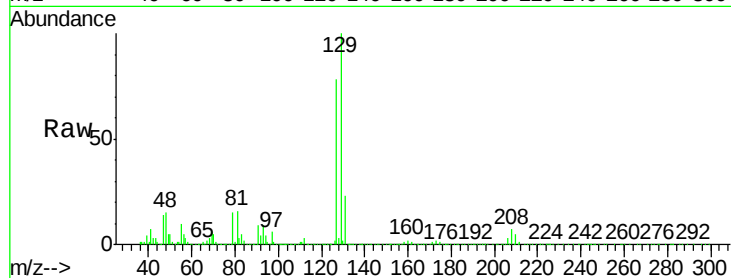
127 78.1 38.4 115.2

Manual Integrations

APPROVED

apatel

12/20/2019 10:24:35 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

200000

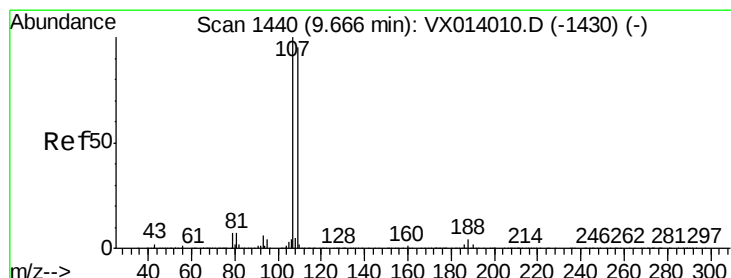
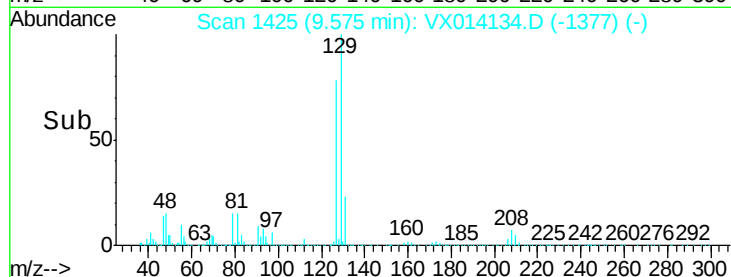
150000

100000

50000

0

9.45 9.50 9.55 9.60 9.65



#61

1,2-Dibromoethane

Concen: 51.491 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014134.D

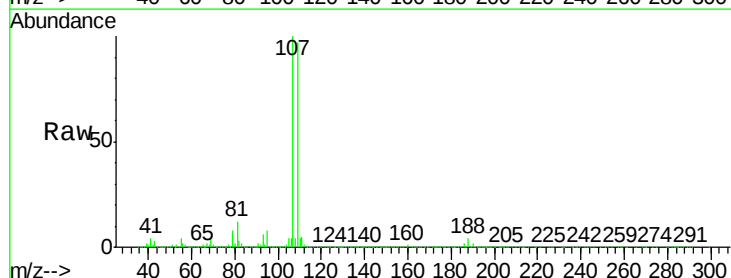
Acq: 19 Dec 2019 20:30

Tgt Ion:107 Resp: 293296

Ion Ratio Lower Upper

107 100

109 95.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

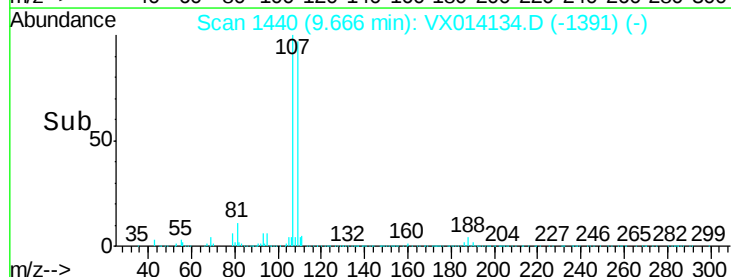
150000

100000

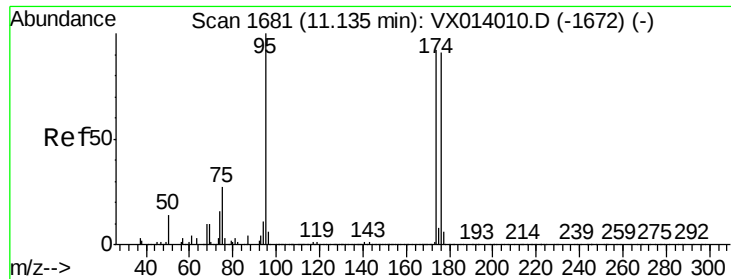
50000

0

9.60 9.65 9.70 9.75



Time-->



#62

4-Bromofluorobenzene

Concen: 51.728 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

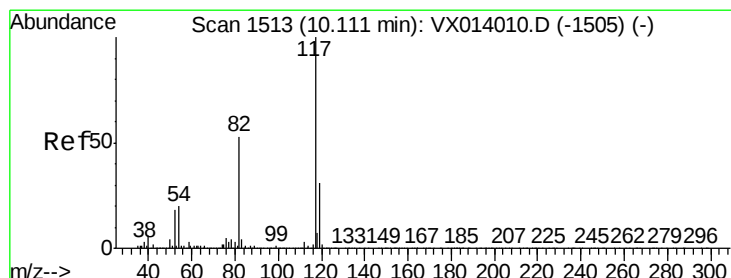
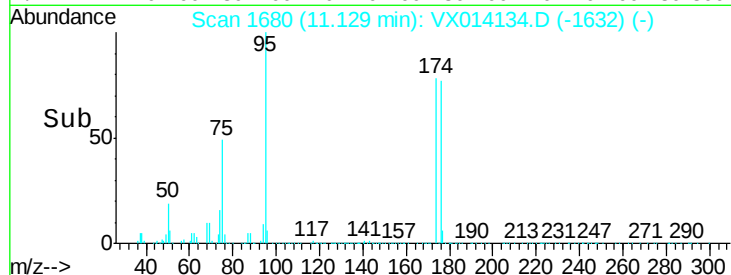
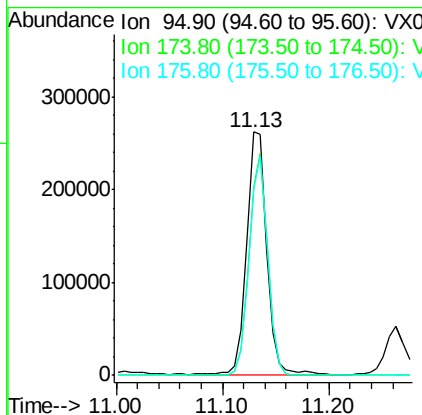
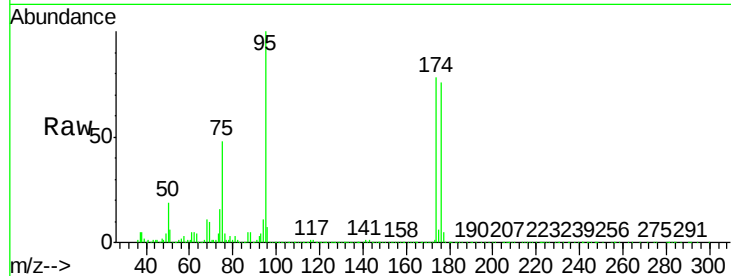
ClientSampleId :

MW-3MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 95    | Resp: | 348341 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 84.6  | 0.0   | 175.8  |
| 176       | 82.8  | 0.0   | 173.0  |

Manual Integrations  
APPROVED

apatel  
12/20/2019 10:24:35 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

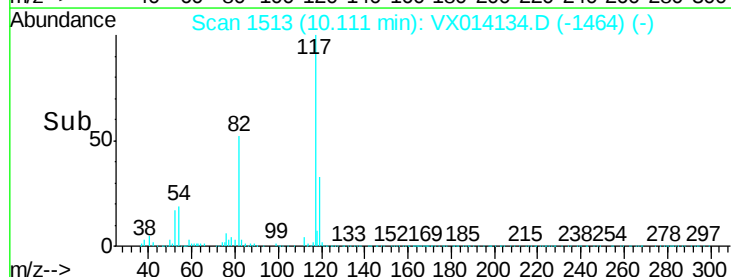
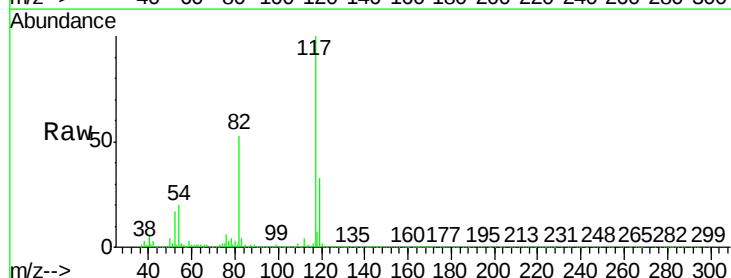
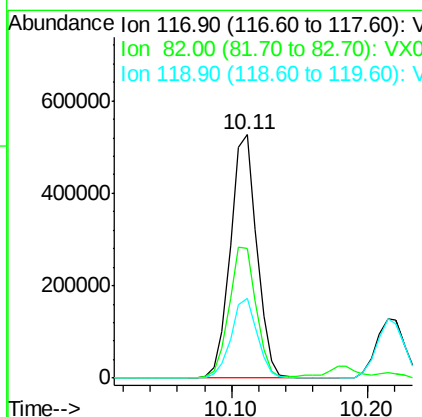
RT: 10.11 min Scan# 1513

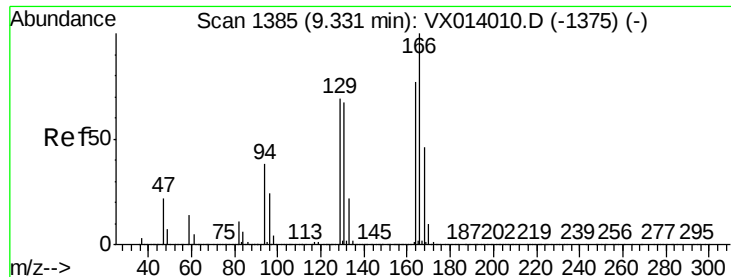
Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 711288 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 52.8  | 42.2  | 63.4   |
| 119       | 32.6  | 25.1  | 37.7   |





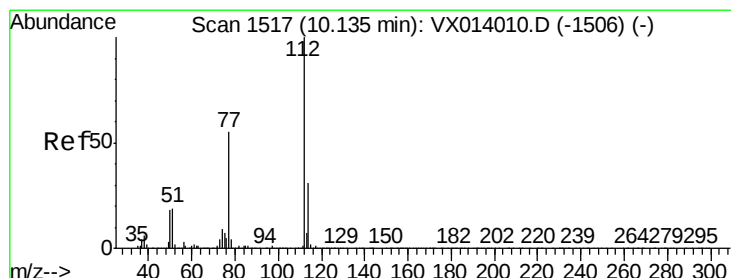
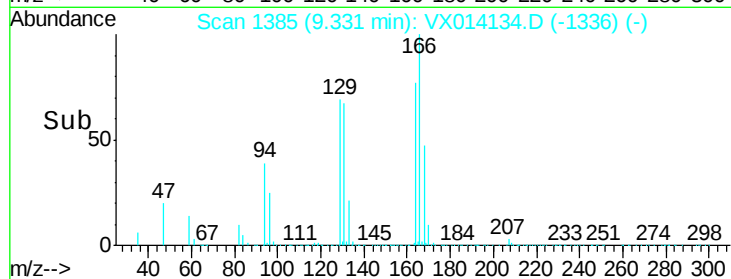
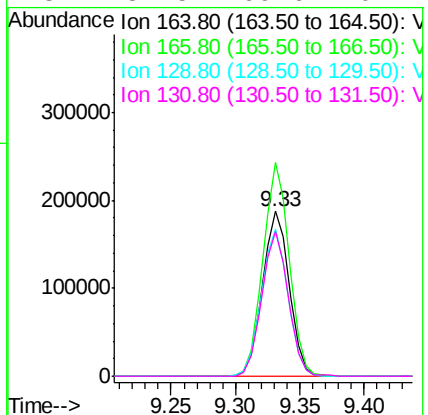
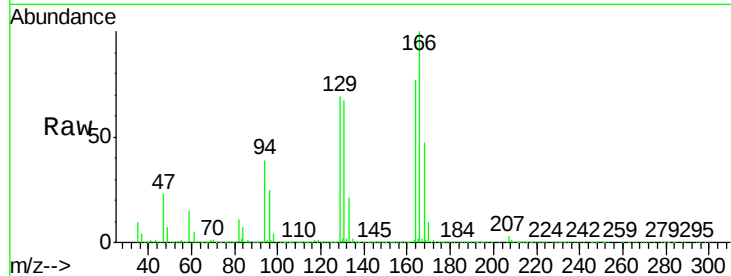
#64  
Tetrachloroethene  
Concen: 42.852 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.8 | 104.0 | 156.0 |
| 129     | 89.3  | 72.2  | 108.4 |
| 131     | 87.5  | 69.6  | 104.4 |

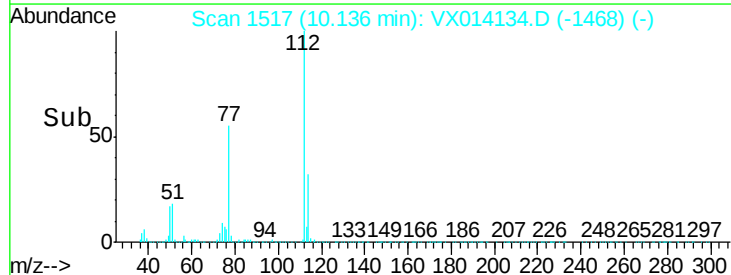
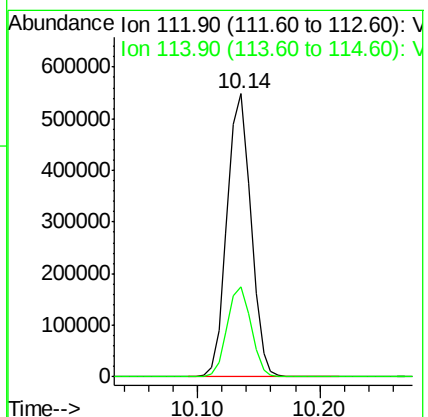
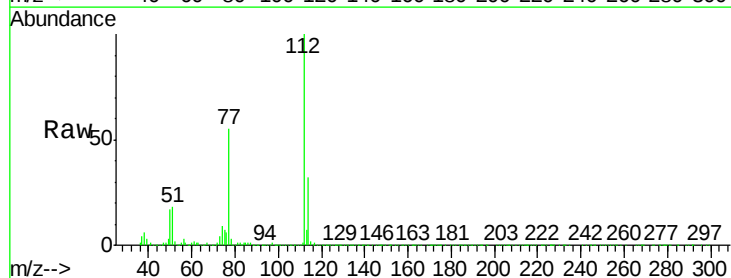
Manual Integrations  
APPROVED

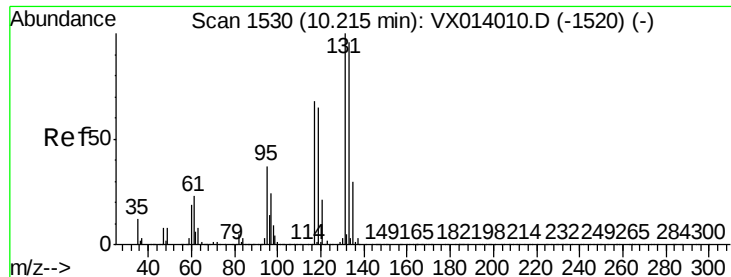
apatel  
12/20/2019 10:24:35 AM



#65  
Chlorobenzene  
Concen: 49.078 ug/l  
RT: 10.14 min Scan# 1517  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.7  | 24.9  | 37.3  |





#66

1,1,1,2-Tetrachloroethane

Concen: 50.370 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

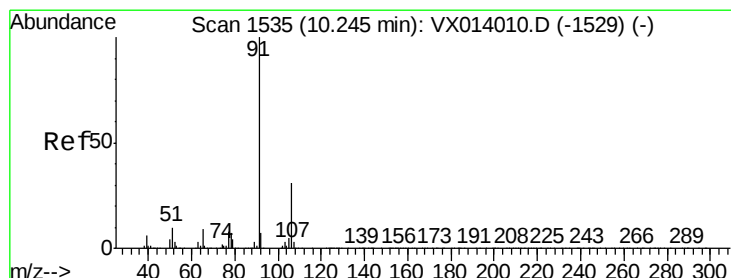
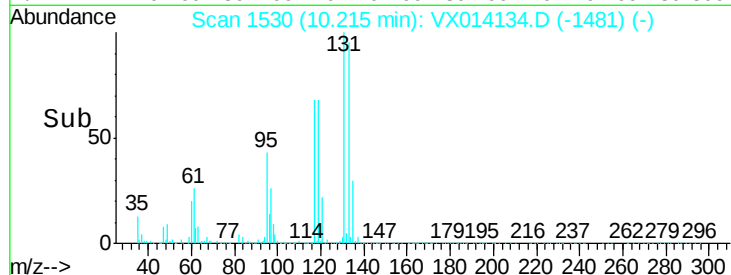
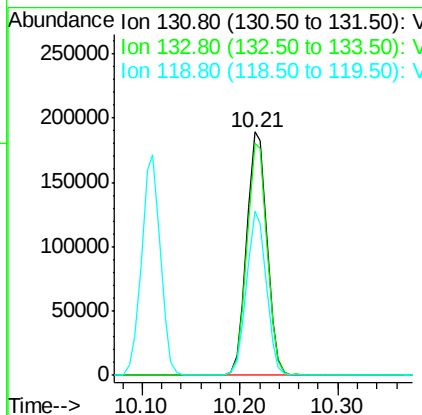
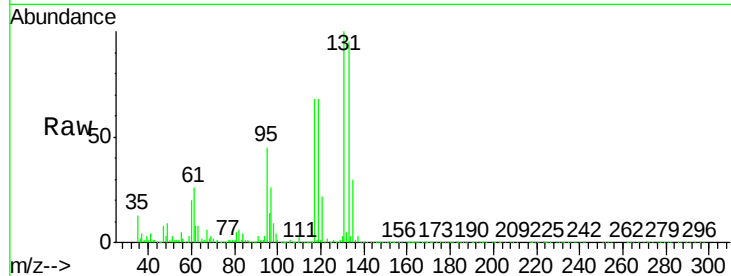
ClientSampled :

MW-3MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 131   | Resp: | 272000 |
| Ion Ratio | Lower | Upper |        |
| 131       | 100   |       |        |
| 133       | 94.6  | 48.0  | 144.0  |
| 119       | 65.9  | 33.4  | 100.2  |

Manual Integrations  
APPROVED

apatel  
12/20/2019 10:24:35 AM



#67

Ethyl Benzene

Concen: 376.874 ug/l

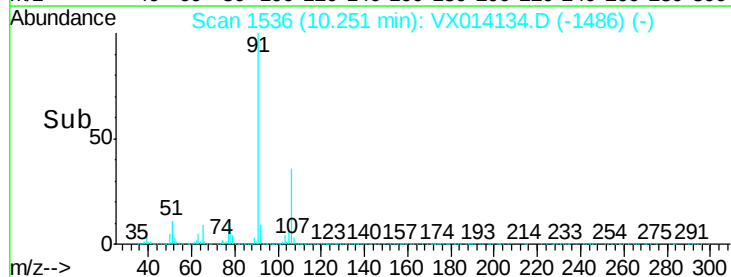
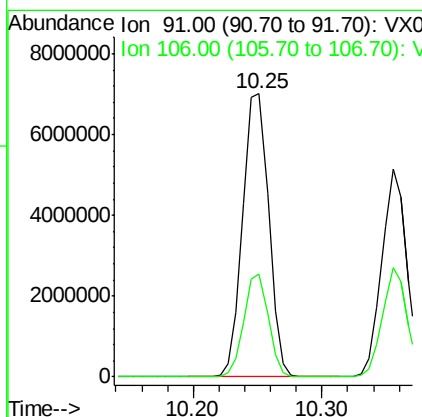
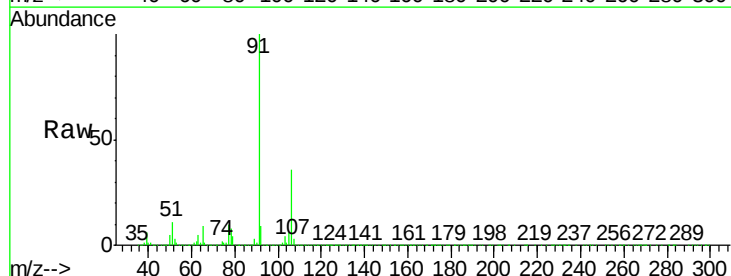
RT: 10.25 min Scan# 1536

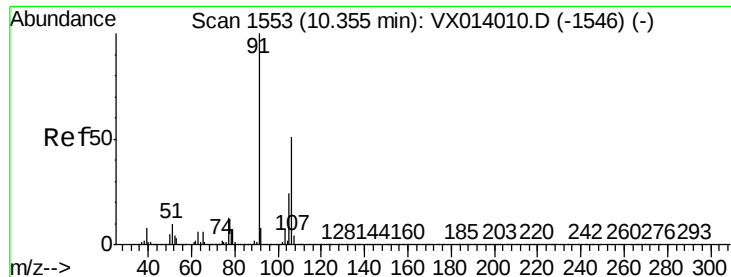
Delta R.T. 0.01 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 9799191 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 106       | 36.2  | 25.0  | 37.6    |





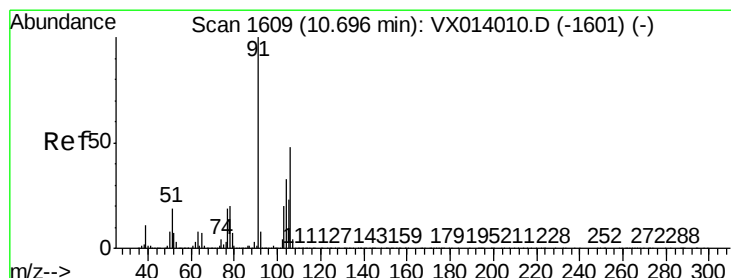
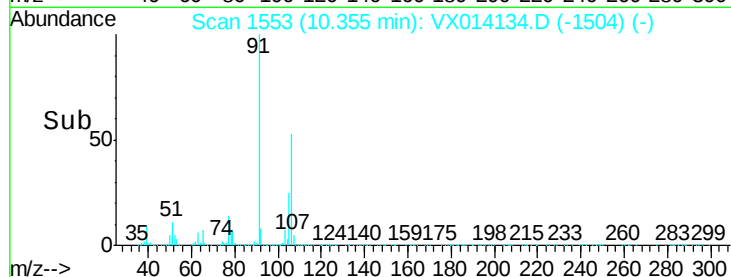
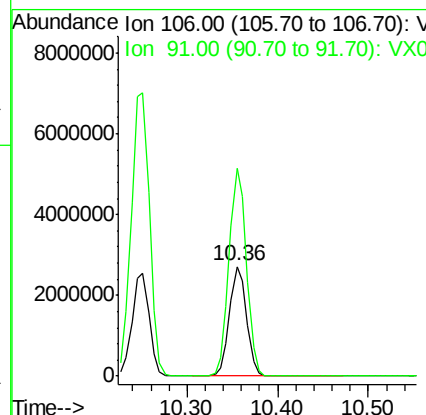
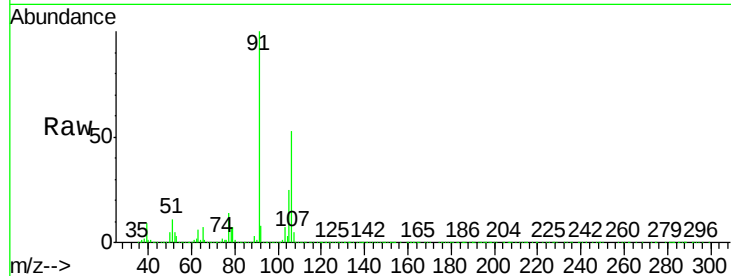
#68  
m/p-Xylenes  
Concen: 355.803 ug/l  
RT: 10.36 min Scan# 1553  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

Tot Ion:106 Resp: 3558182  
Ion Ratio Lower Upper  
106 100  
91 192.9 158.6 238.0

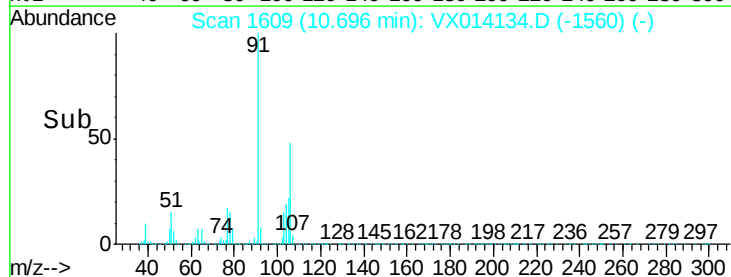
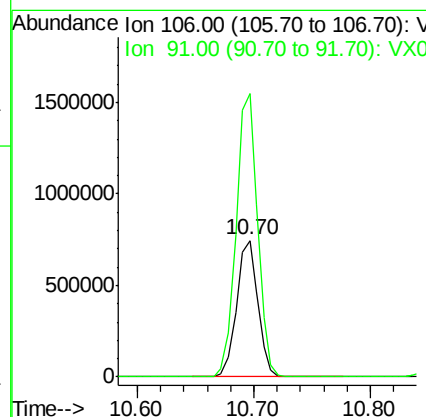
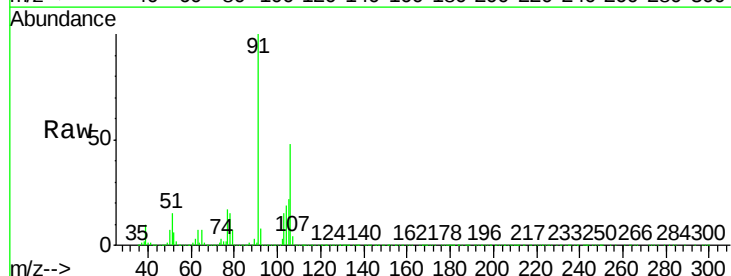
Manual Integrations  
APPROVED

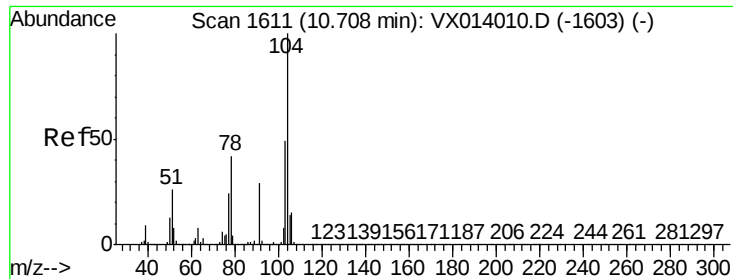
apatel  
12/20/2019 10:24:35 AM



#69  
o-Xylene  
Concen: 96.240 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Tgt Ion:106 Resp: 943920  
Ion Ratio Lower Upper  
106 100  
91 209.6 104.2 312.6





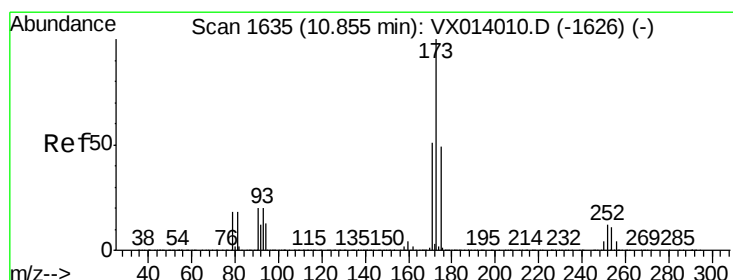
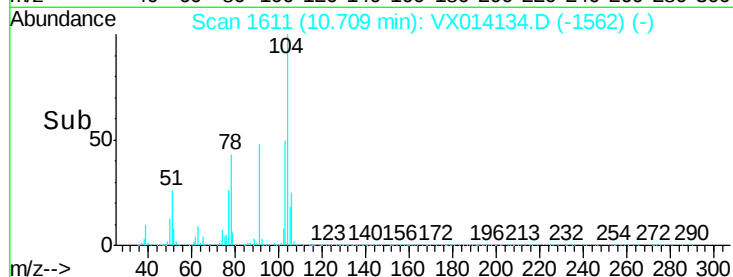
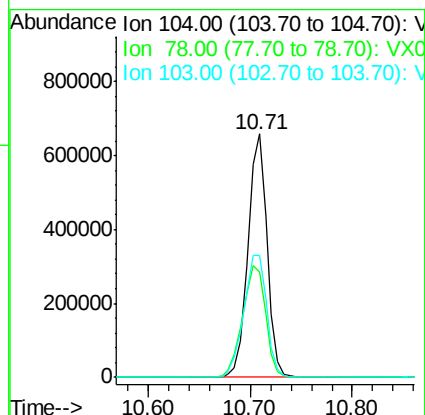
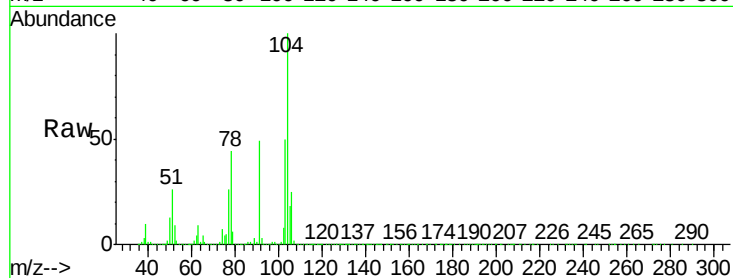
#70  
Stvrene  
Concen: 51.400 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 54.9  | 38.5  | 57.7  |
| 103     | 59.9  | 42.9  | 64.3  |

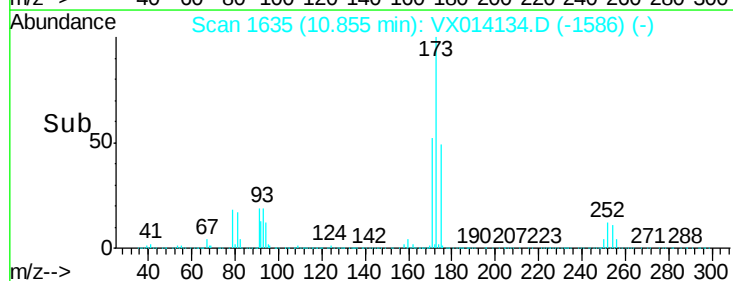
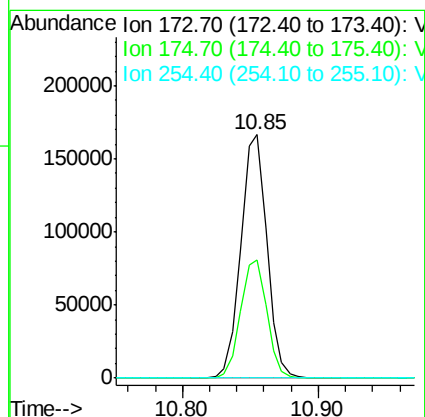
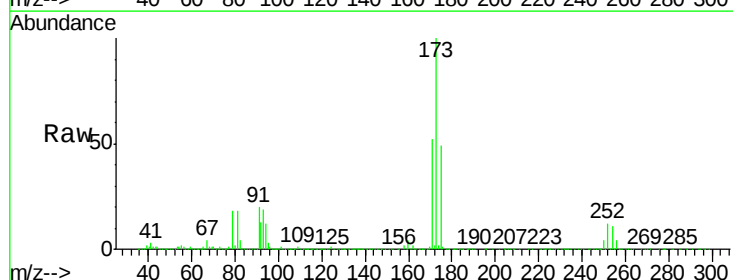
Manual Integrations  
APPROVED

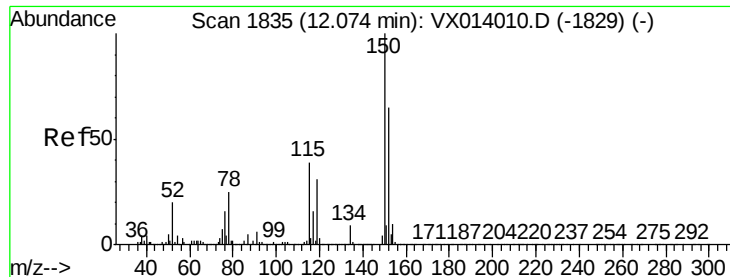
apatel  
12/20/2019 10:24:35 AM



#71  
Bromoform  
Concen: 51.334 ug/l  
RT: 10.85 min Scan# 1635  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.3  | 24.4  | 73.4  |
| 254     | 0.3   | 0.2   | 0.2#  |





#72

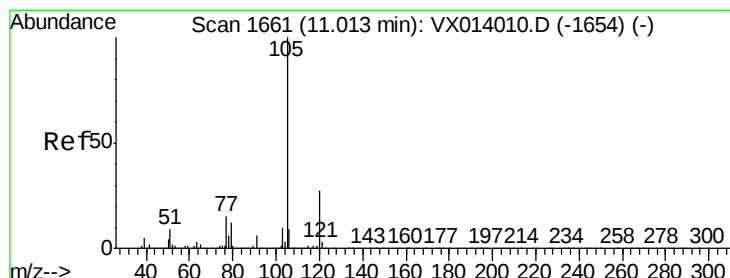
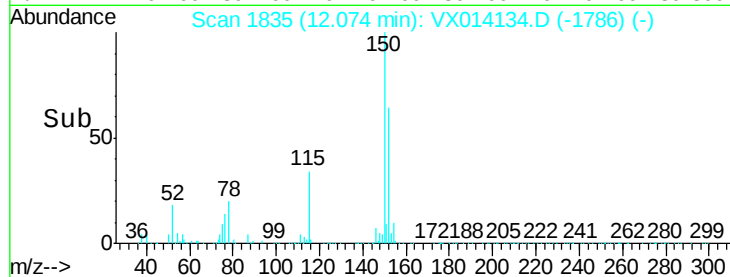
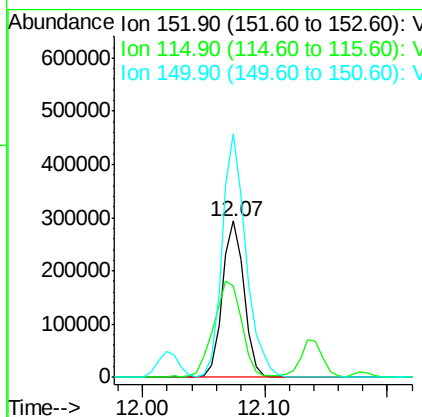
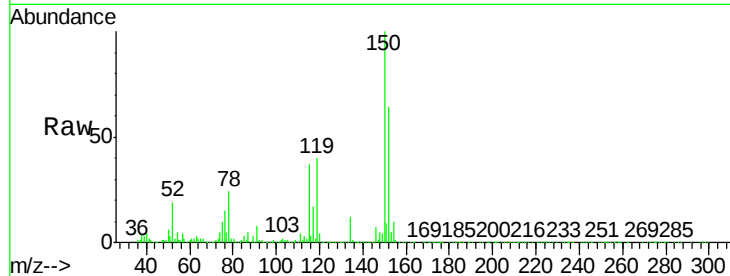
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampled :  
MW-3MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 81.0  | 38.3  | 114.9 |
| 150     | 171.2 | 0.0   | 345.4 |

Manual Integrations  
APPROVED

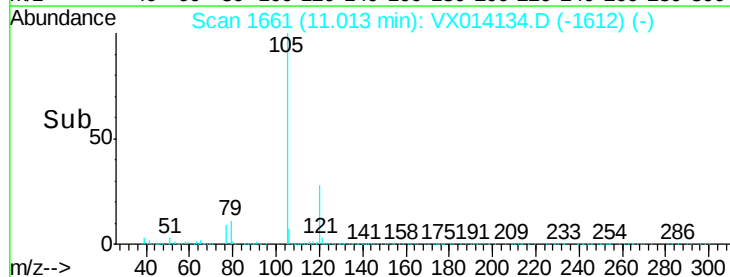
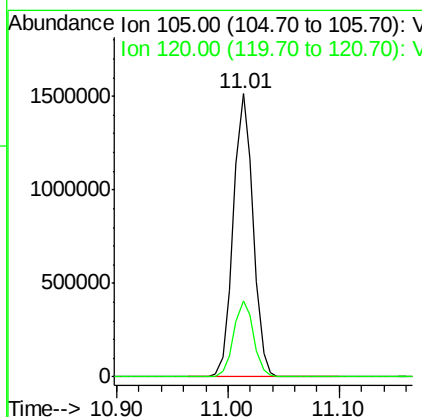
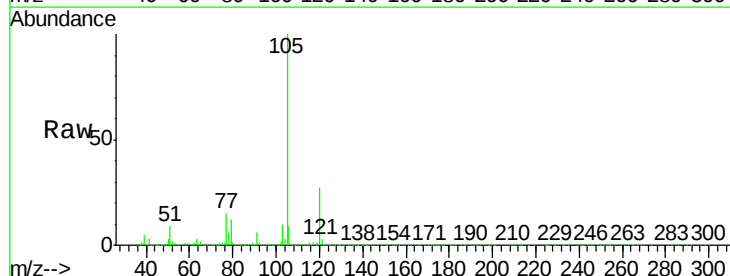
apatel  
12/20/2019 10:24:35 AM

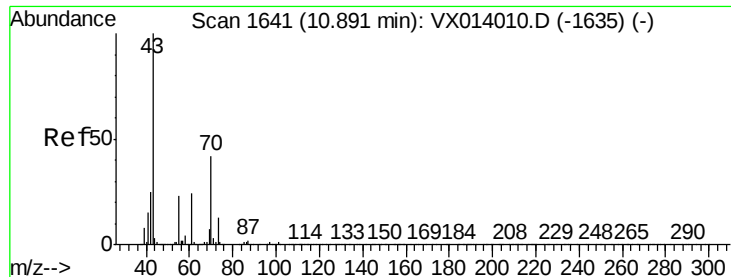


#73

Isopropylbenzene  
Concen: 73.473 ug/l  
RT: 11.01 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.0  | 13.5  | 40.4  |





#74

N-amvl acetate

Concen: 51.479 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

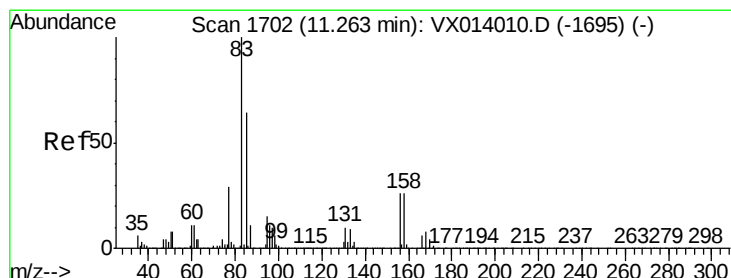
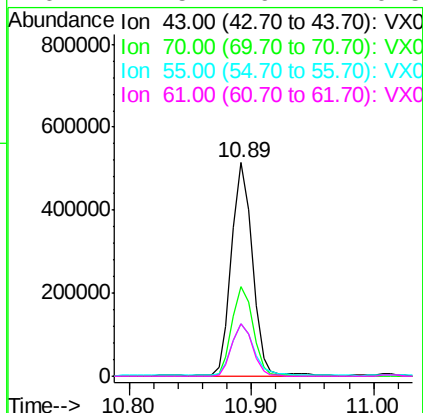
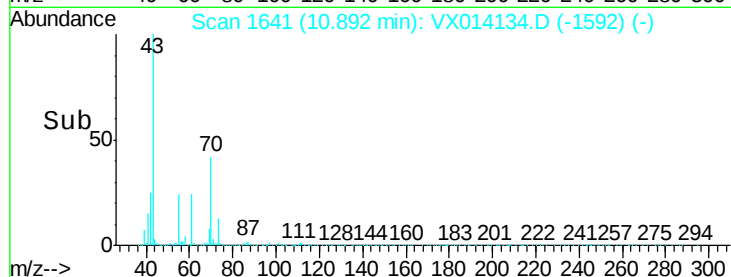
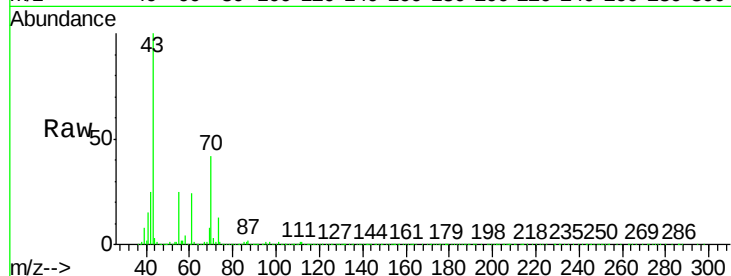
ClientSampleId :

MW-3MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 43      | 100   | 608919 |       |       |
| 70      | 42.9  |        | 34.4  | 51.6  |
| 55      | 26.8  |        | 19.1  | 28.7  |
| 61      | 24.5  |        | 19.7  | 29.5  |

Manual Integrations  
APPROVED

apatel  
12/20/2019 10:24:35 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 51.128 ug/l

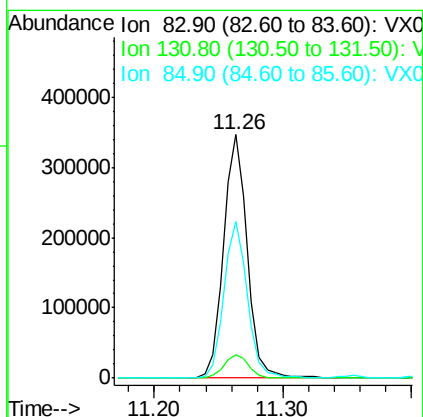
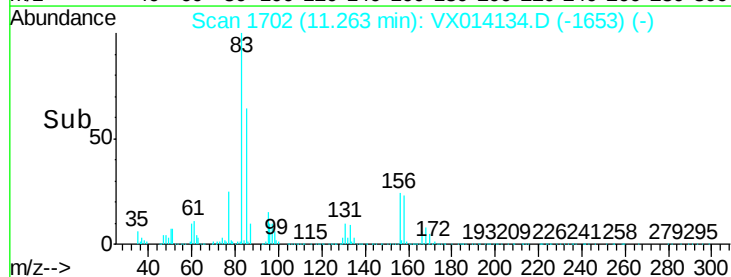
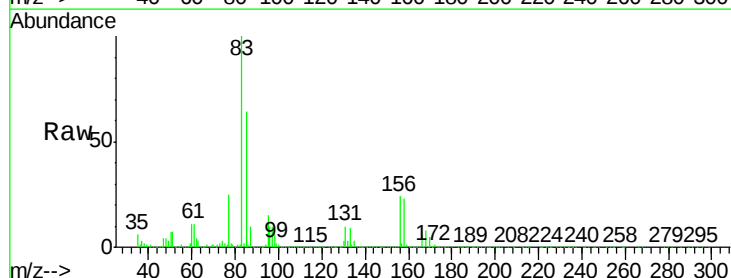
RT: 11.26 min Scan# 1702

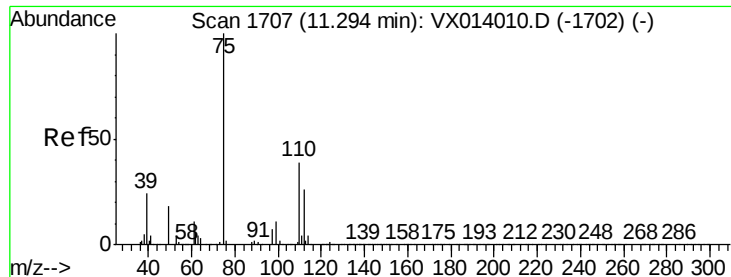
Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 447303 |       |       |
| 131     | 9.9   |        | 5.1   | 15.2  |
| 85      | 64.1  |        | 31.9  | 95.7  |





#76

1,2,3-Trichloropropane

Concen: 52.648 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

ClientSampleId :

MW-3MS

Tot Ion: 75 Resp: 409651

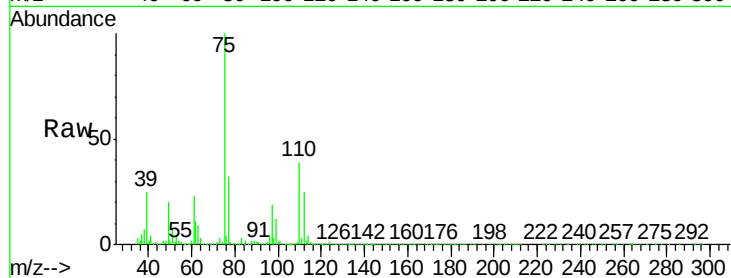
Ion Ratio Lower Upper

75 100

77 37.5 19.3 57.8

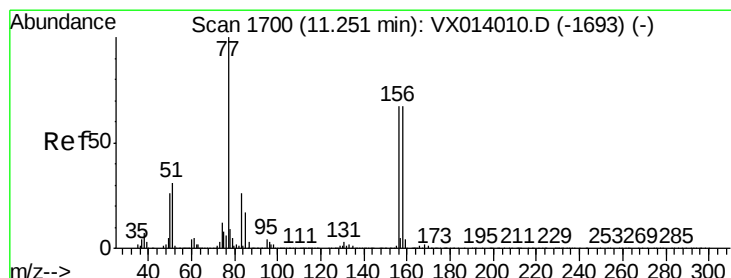
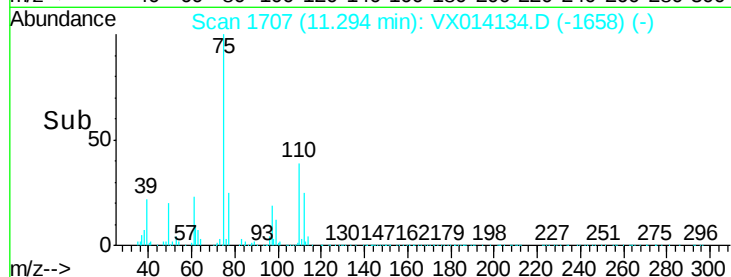
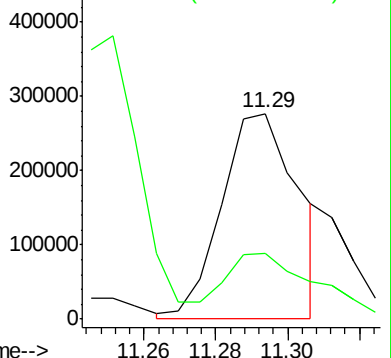
Manual Integrations  
APPROVED

apatel  
12/20/2019 10:24:35 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 47.871 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

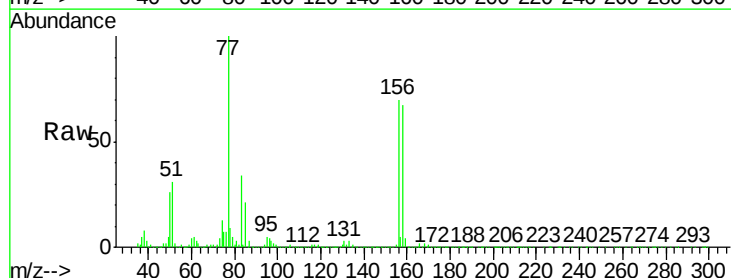
Tgt Ion: 156 Resp: 332369

Ion Ratio Lower Upper

156 100

77 153.6 76.5 229.5

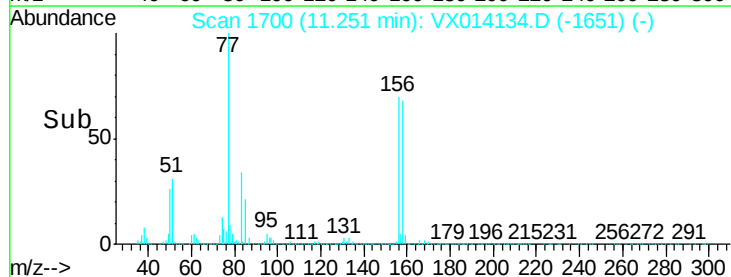
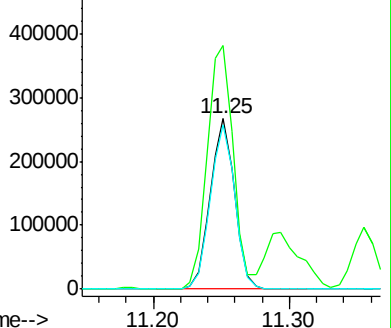
158 97.0 49.3 147.9

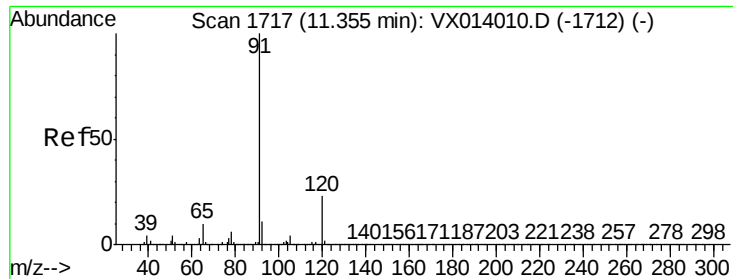


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 104.425 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

ClientSampled :

MW-3MS

Tot Ion: 91 Resp: 2955750

Ion Ratio Lower Upper

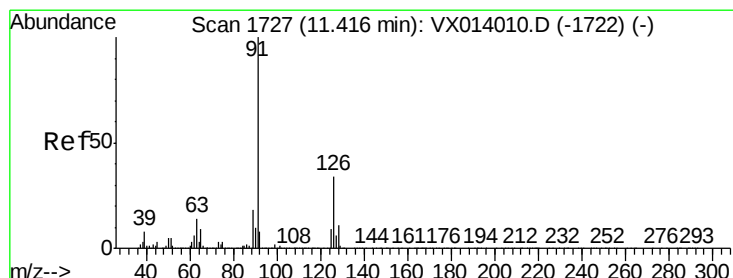
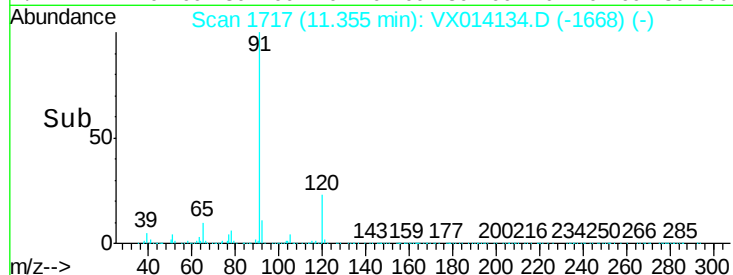
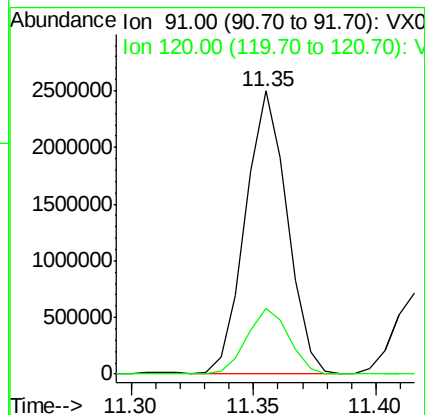
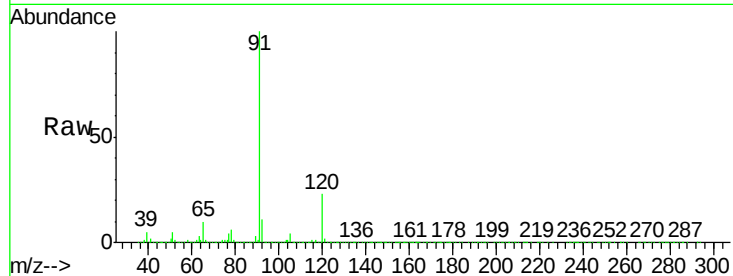
91 100

120 23.5 11.7 35.0

Manual Integrations  
APPROVED

apatel

12/20/2019 10:24:35 AM



#79

2-Chlorotoluene

Concen: 51.070 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014134.D

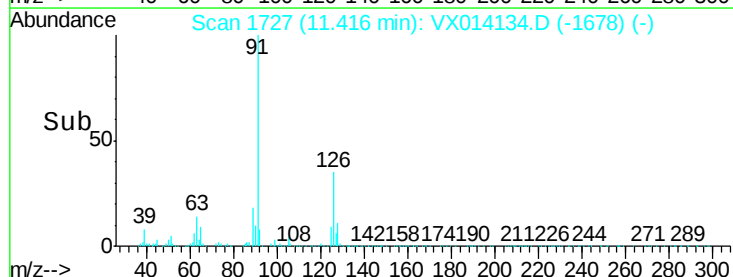
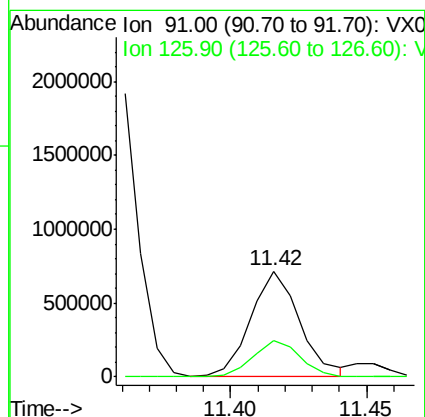
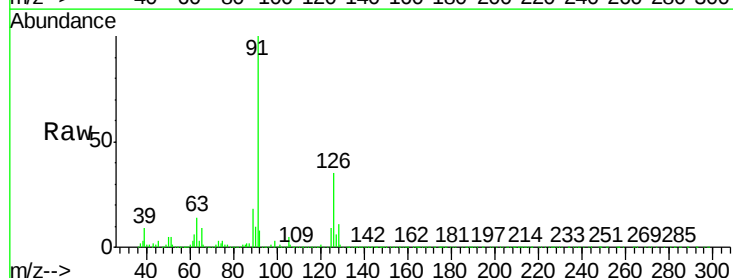
Acq: 19 Dec 2019 20:30

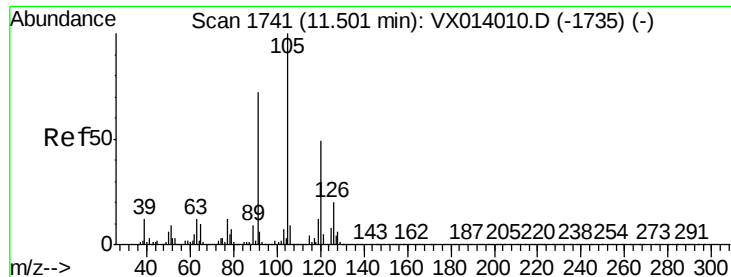
Tgt Ion: 91 Resp: 878702

Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.6





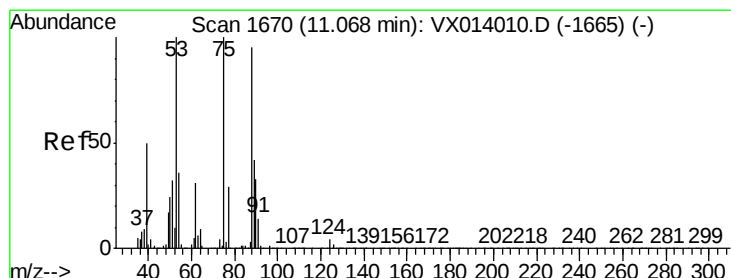
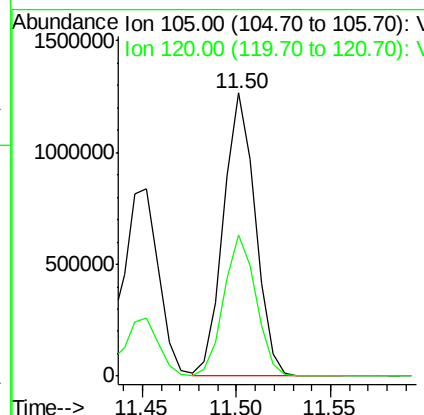
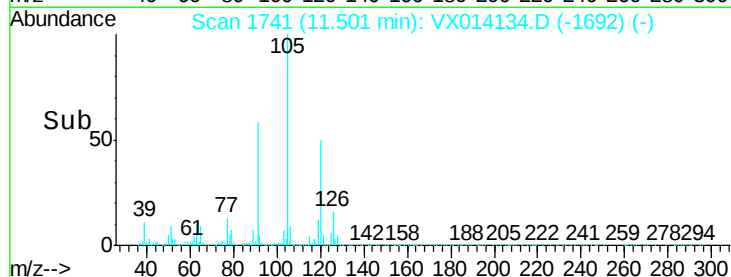
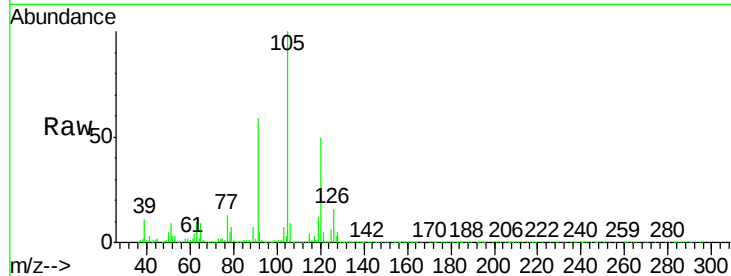
#80  
 1,3,5-Trimethylbenzene  
 Concen: 69.803 ug/l  
 RT: 11.50 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX014134.D  
 Acq: 19 Dec 2019 20:30

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 MW-3MS

Tot Ion:105 Resp: 1482437  
 Ion Ratio Lower Upper  
 105 100  
 120 50.0 25.3 75.8

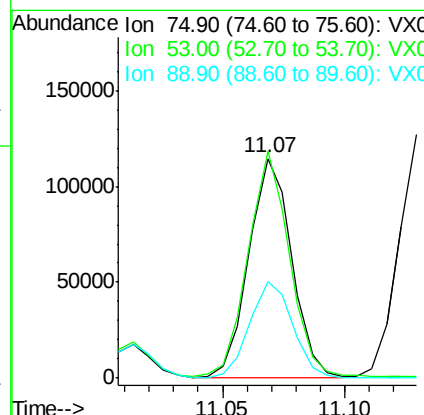
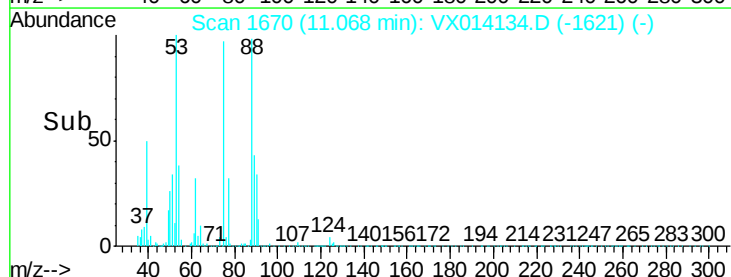
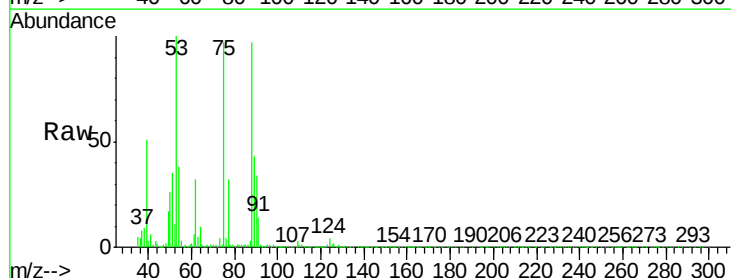
Manual Integrations  
 APPROVED

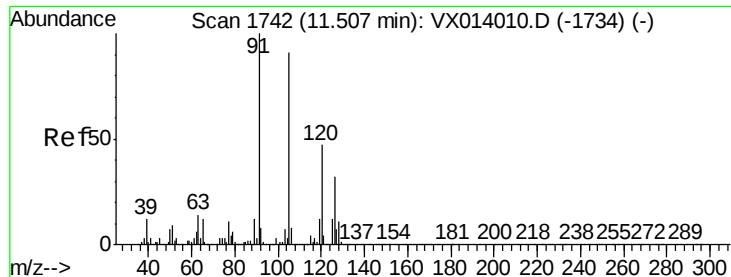
apatel  
 12/20/2019 10:24:35 AM



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 50.239 ug/l  
 RT: 11.07 min Scan# 1670  
 Delta R.T. 0.00 min  
 Lab File: VX014134.D  
 Acq: 19 Dec 2019 20:30

Tgt Ion: 75 Resp: 138496  
 Ion Ratio Lower Upper  
 75 100  
 53 98.9 76.7 115.1  
 89 45.0 34.6 51.8





#82

4-Chlorotoluene

Concen: 51.839 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

ClientSampled :

MW-3MS

Tot Ion: 91 Resp: 1034625

Ion Ratio Lower Upper

91 100

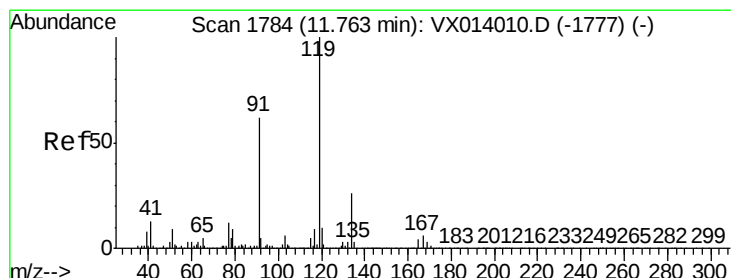
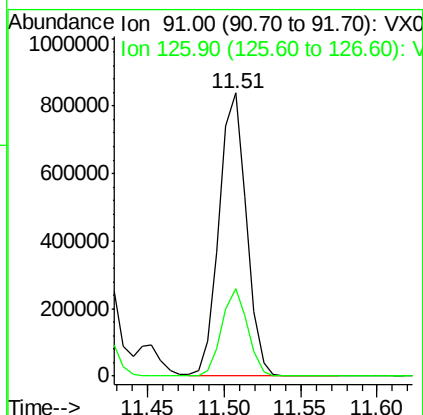
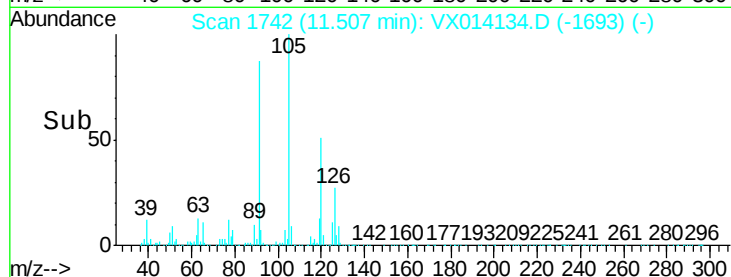
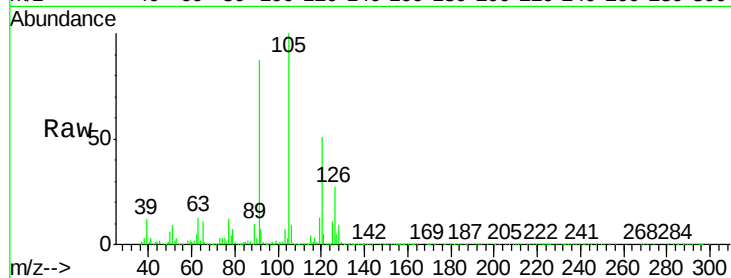
126 29.0 15.6 46.8

Manual Integrations

APPROVED

apatel

12/20/2019 10:24:35 AM



#83

tert-Butylbenzene

Concen: 53.078 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

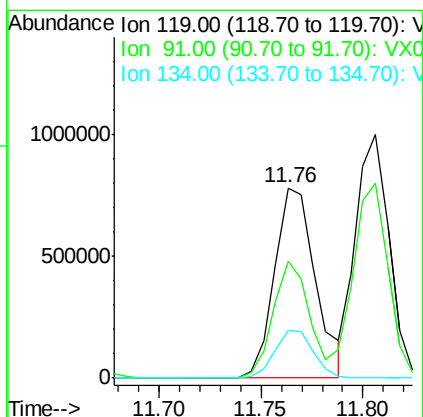
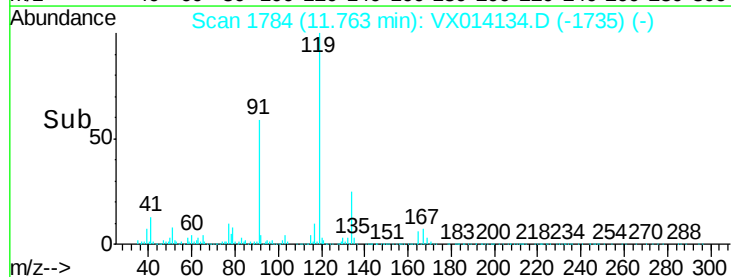
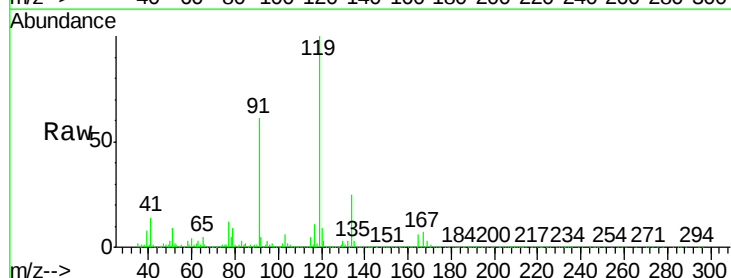
Tgt Ion: 119 Resp: 1096989

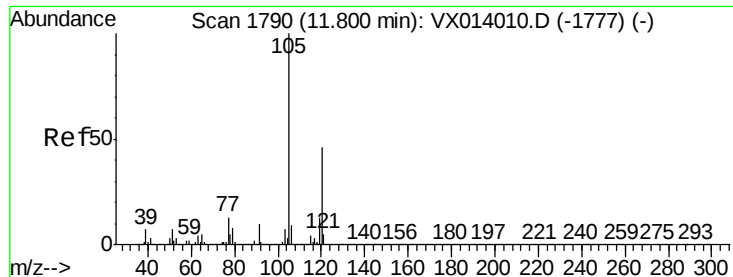
Ion Ratio Lower Upper

119 100

91 54.0 28.5 85.6

134 23.9 12.2 36.6





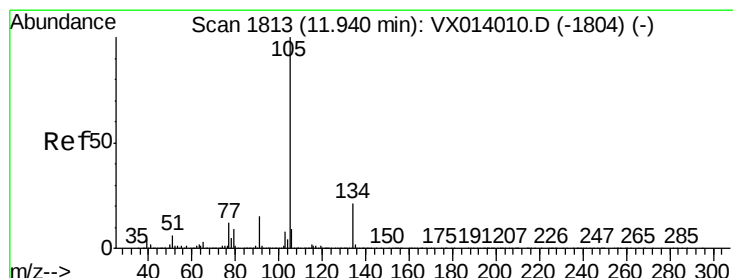
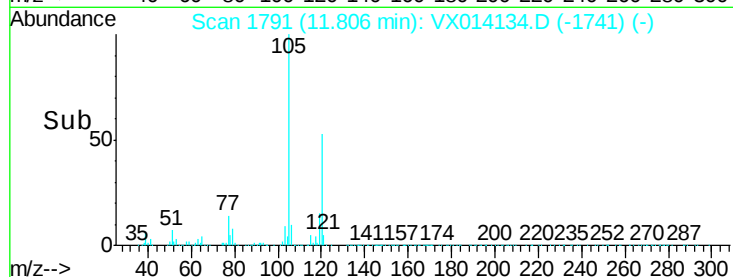
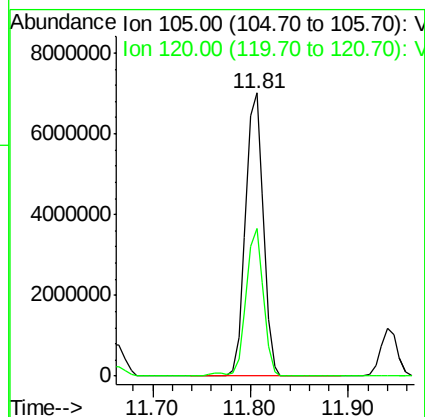
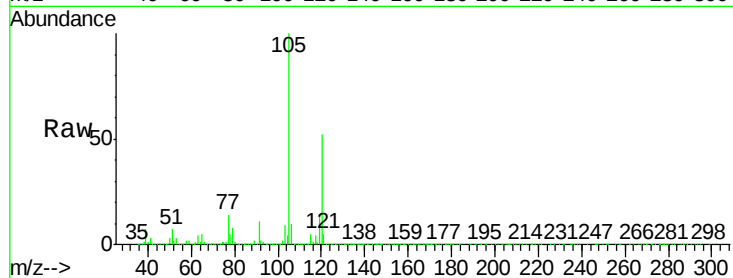
#84  
1,2,4-Trimethylbenzene  
Concen: 417.504 ug/l  
RT: 11.81 min Scan# 1791  
Delta R.T. 0.01 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

Tot Ion:105 Resp: 8879566  
Ion Ratio Lower Upper  
105 100  
120 49.9 23.1 69.2

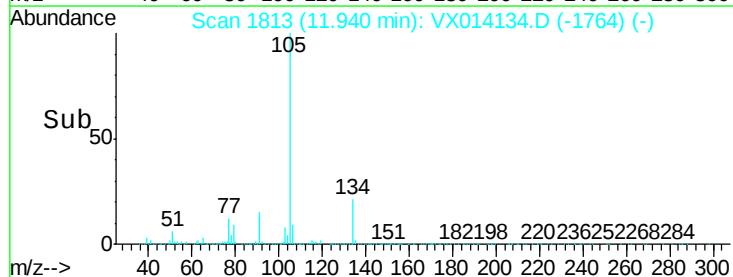
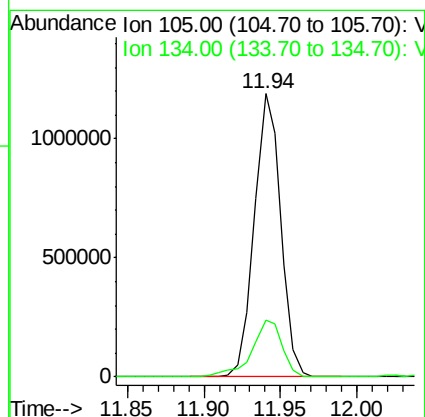
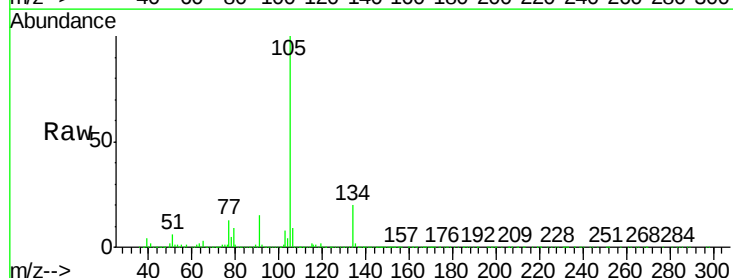
Manual Integrations  
APPROVED

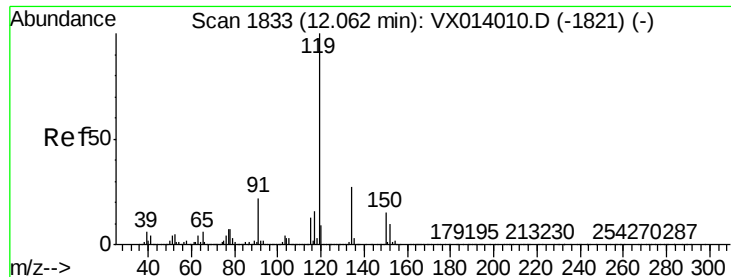
apatel  
12/20/2019 10:24:35 AM



#85  
sec-Butylbenzene  
Concen: 58.337 ug/l  
RT: 11.94 min Scan# 1813  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Tgt Ion:105 Resp: 1423351  
Ion Ratio Lower Upper  
105 100  
134 23.1 10.4 31.1





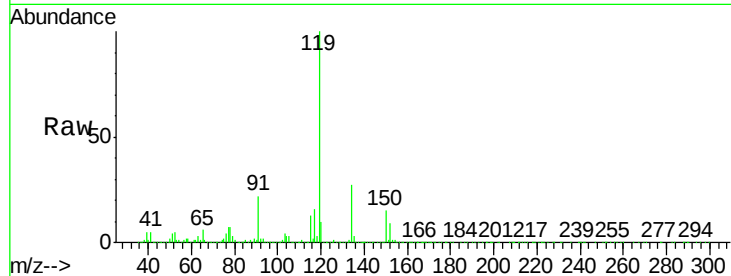
#86  
p-Isopropyltoluene  
Concen: 56.588 ug/l  
RT: 12.06 min Scan# 1833  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

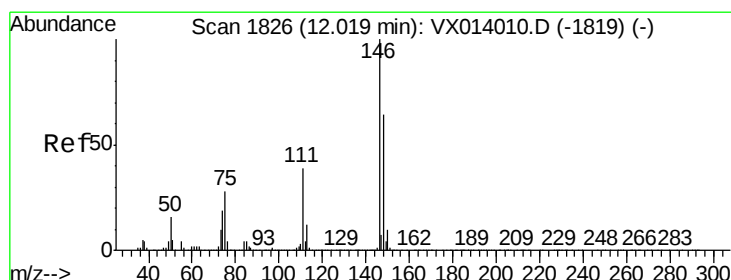
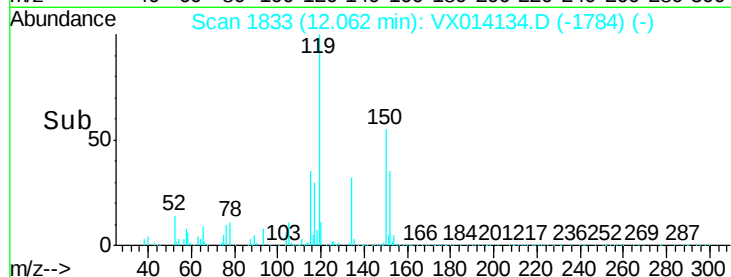
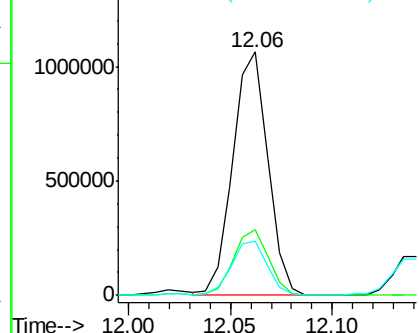
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 27.1  | 13.4  | 40.1  |
| 91      | 22.4  | 11.4  | 34.1  |

Manual Integrations  
APPROVED

apatel  
12/20/2019 10:24:35 AM

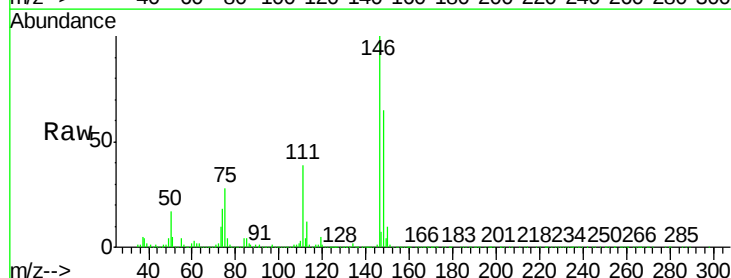


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 134.00 (133.70 to 134.70): V  
Ion 91.00 (90.70 to 91.70): V

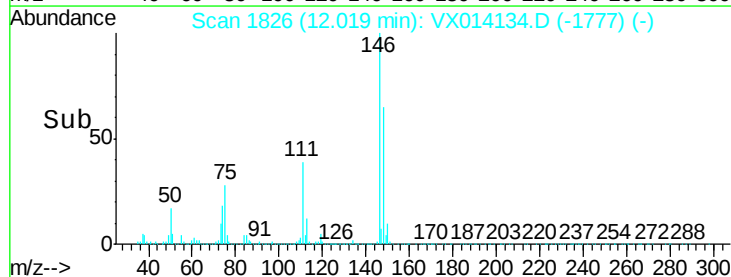
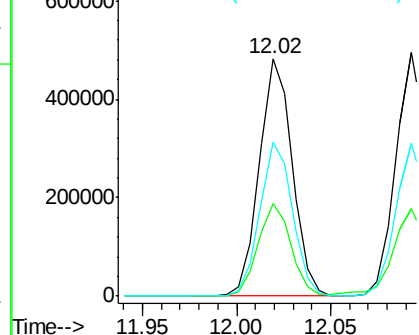


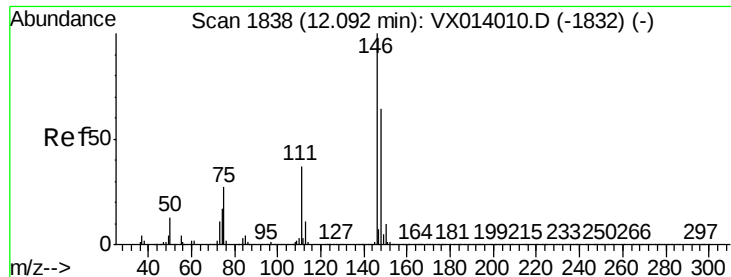
#87  
1,3-Dichlorobenzene  
Concen: 48.060 ug/l  
RT: 12.02 min Scan# 1826  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.9  | 19.1  | 57.1  |
| 148     | 64.3  | 32.3  | 96.9  |



Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V





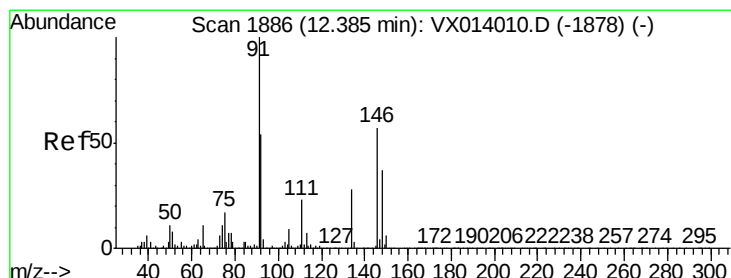
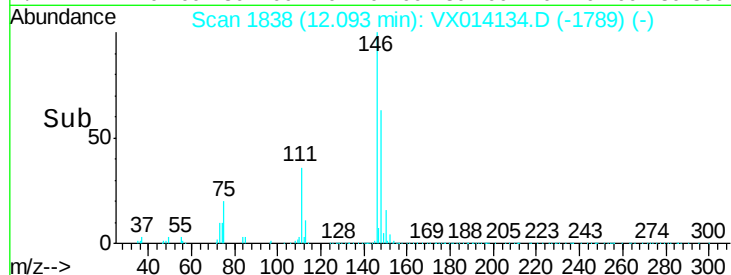
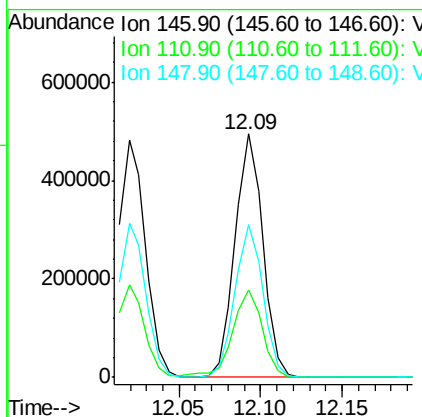
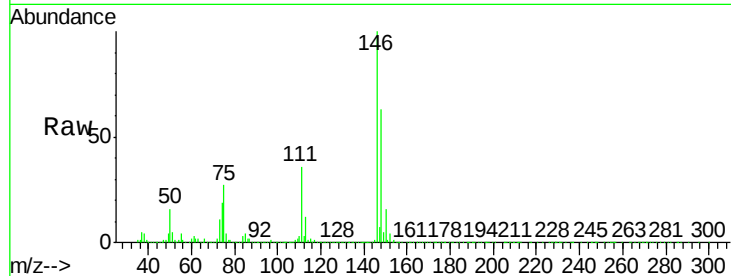
#88  
 1,4-Dichlorobenzene  
 Concen: 47.565 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX014134.D  
 Acq: 19 Dec 2019 20:30

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 MW-3MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 588513 |       |       |
| 111     | 38.1  | 18.7   | 56.1  |       |
| 148     | 63.1  | 31.9   | 95.9  |       |

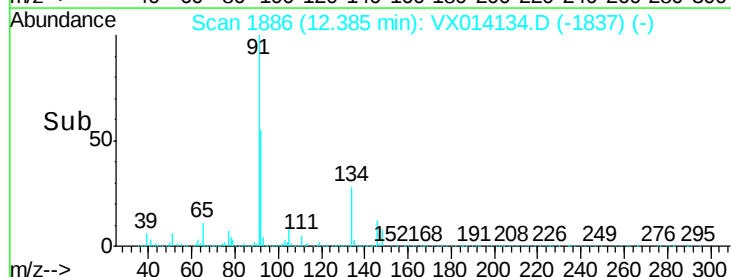
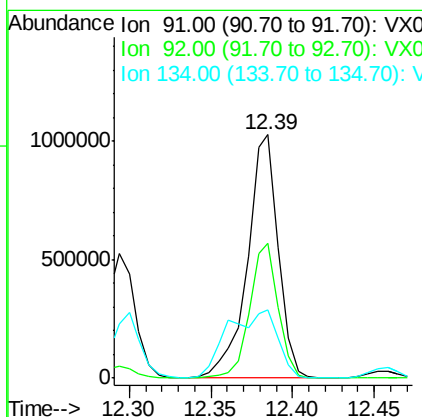
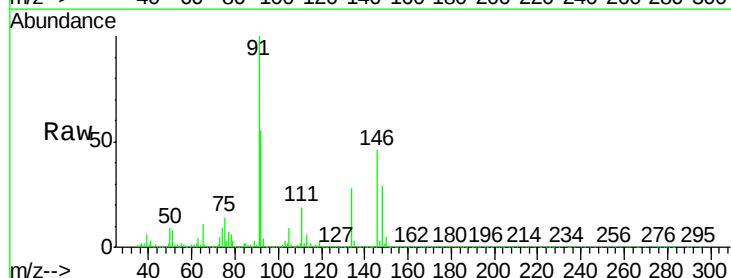
Manual Integrations  
 APPROVED

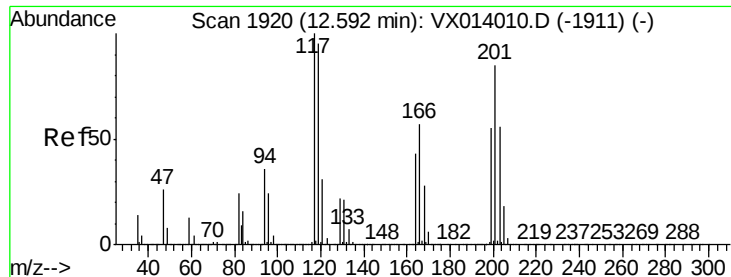
apatel  
 12/20/2019 10:24:35 AM



#89  
 n-Butylbenzene  
 Concen: 71.057 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX014134.D  
 Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 91      | 100   | 1353181 |       |       |
| 92      | 51.1  | 27.2    | 81.6  |       |
| 134     | 45.6  | 13.4    | 40.1  |       |





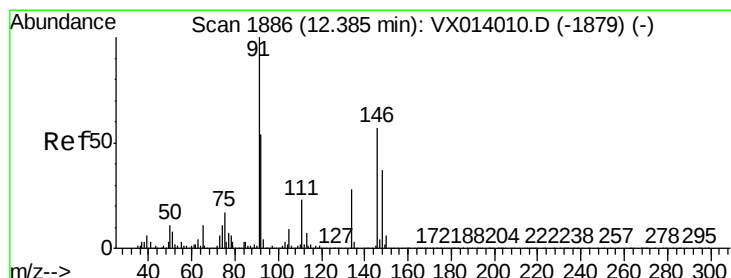
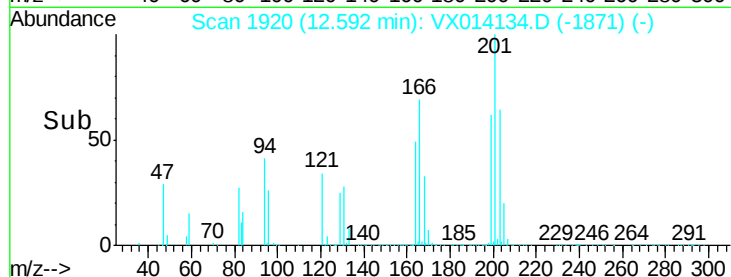
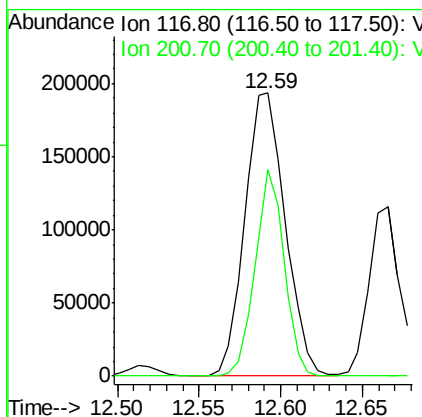
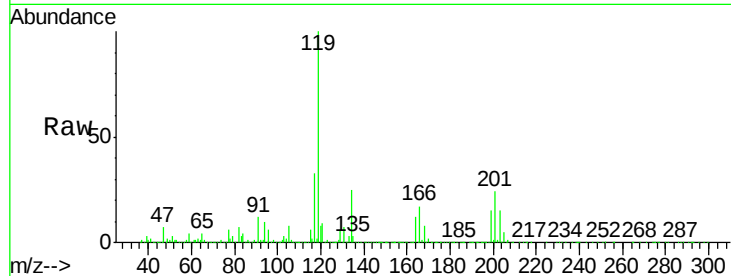
#90  
Hexachloroethane  
Concen: 82.981 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 332652 |       |       |
| 201     | 52.9  | 43.1   | 129.3 |       |

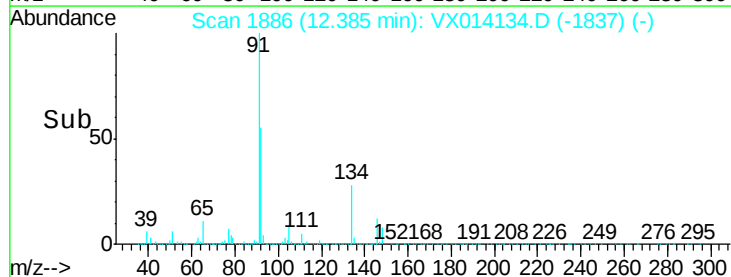
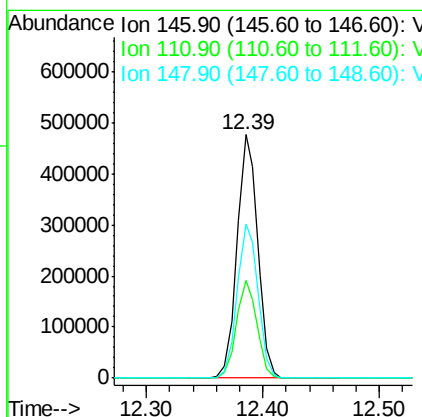
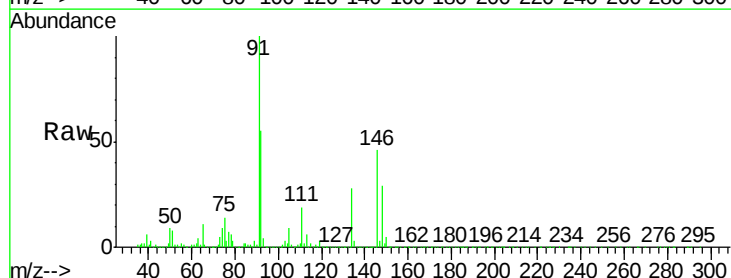
Manual Integrations  
APPROVED

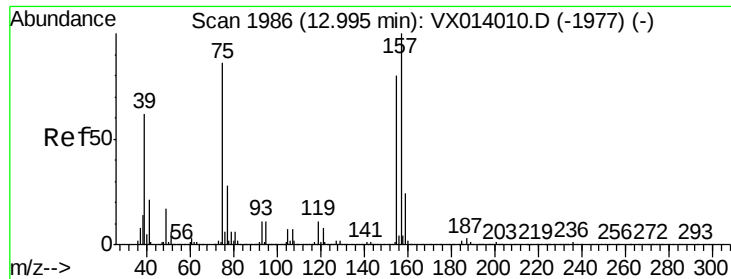
apatel  
12/20/2019 10:24:35 AM



#91  
1,2-Dichlorobenzene  
Concen: 48.178 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX014134.D  
Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 590153 |       |       |
| 111     | 39.3  | 19.7   | 59.1  |       |
| 148     | 63.9  | 32.1   | 96.5  |       |





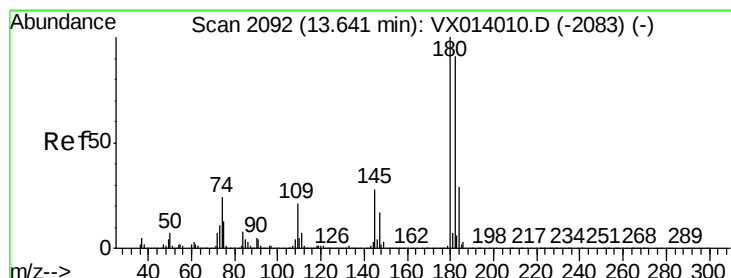
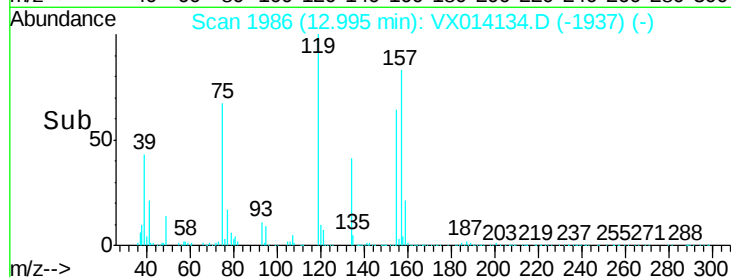
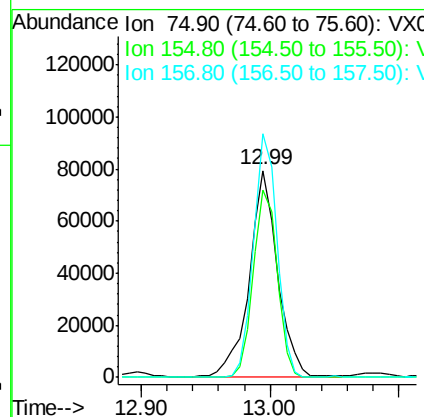
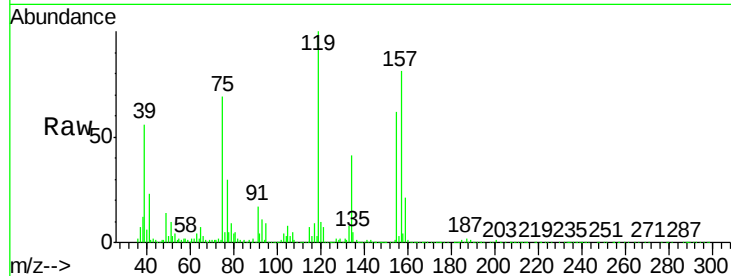
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 61.941 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VX014134.D  
 Acq: 19 Dec 2019 20:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-3MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 76.8  | 46.9  | 140.6 |
| 157     | 97.5  | 60.8  | 182.4 |

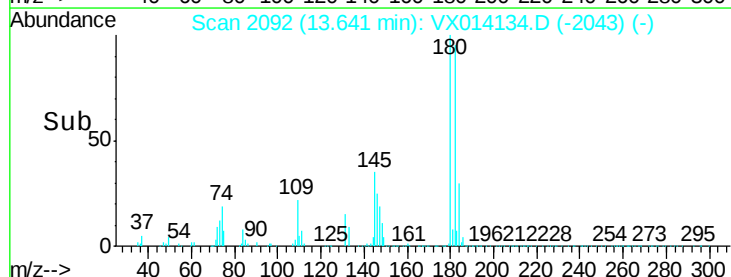
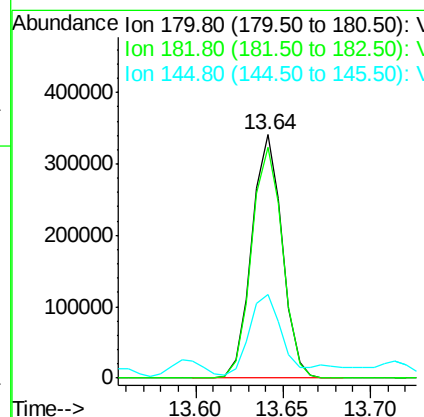
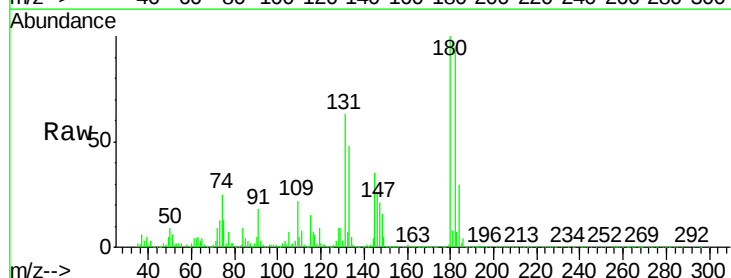
Manual Integrations  
 APPROVED

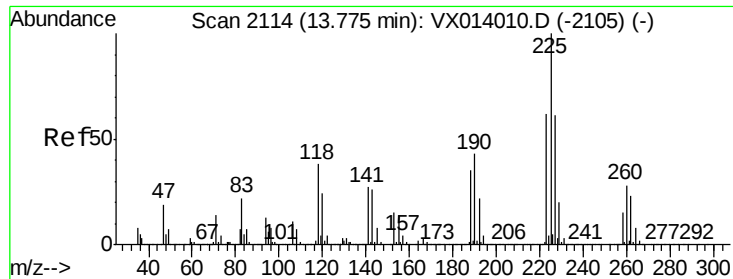
apatel  
 12/20/2019 10:24:35 AM



#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.464 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. 0.00 min  
 Lab File: VX014134.D  
 Acq: 19 Dec 2019 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.2  | 46.6  | 139.8 |
| 145     | 35.1  | 14.2  | 42.6  |





#94

Hexachlorobutadiene

Concen: 49.894 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

Instrument :

MSVOA\_X

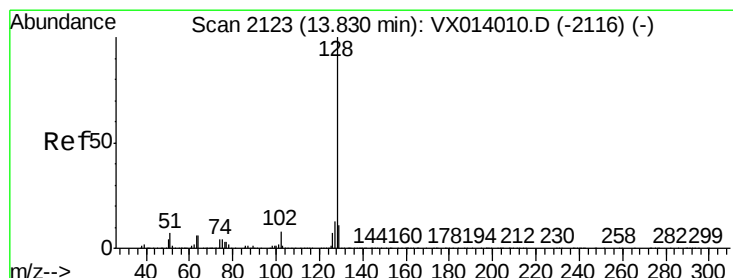
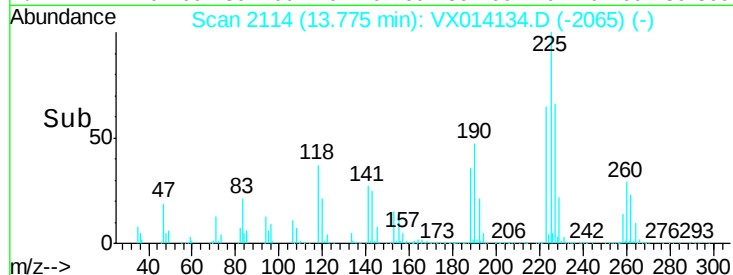
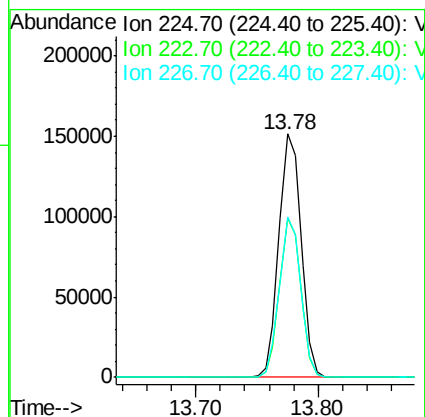
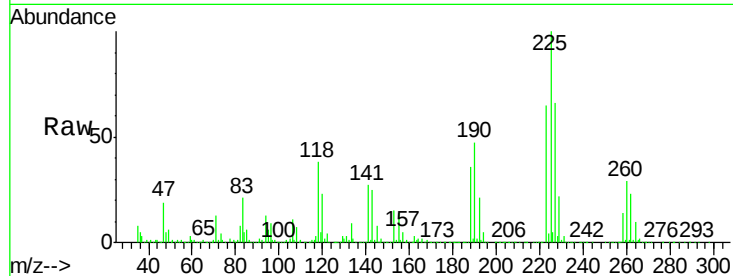
ClientSampled :

MW-3MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 225  | Resp: | 190908 |
| Ion Ratio |      | Lower | Upper  |
| 225       | 100  |       |        |
| 223       | 63.1 | 30.9  | 92.5   |
| 227       | 63.0 | 30.9  | 92.7   |

Manual Integrations  
APPROVED

apatel  
12/20/2019 10:24:35 AM



#95

Naphthalene

Concen: 174.132 ug/l

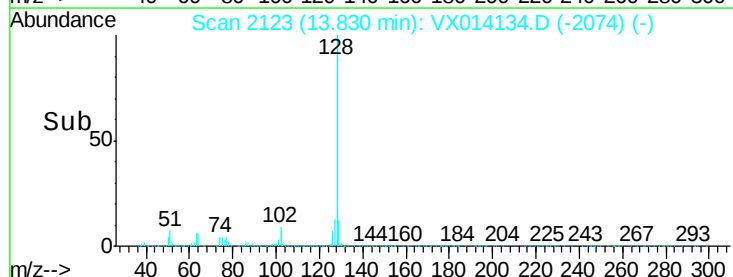
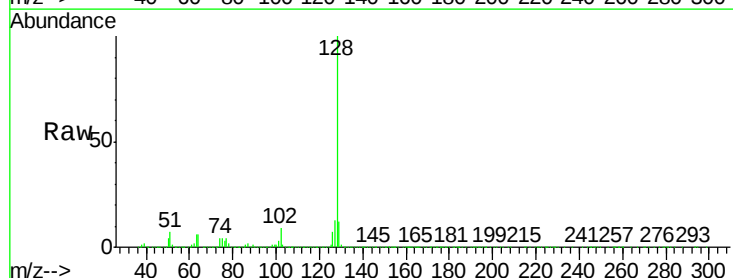
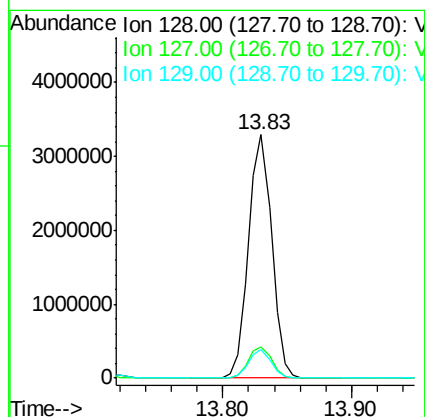
RT: 13.83 min Scan# 2123

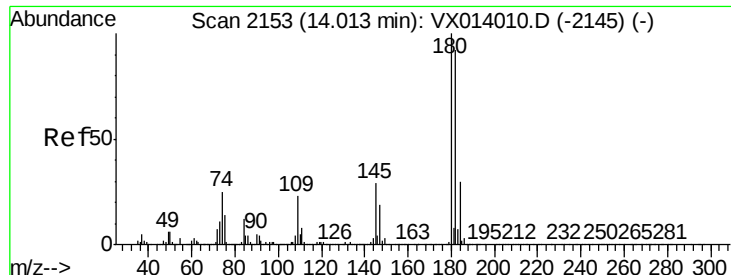
Delta R.T. 0.00 min

Lab File: VX014134.D

Acq: 19 Dec 2019 20:30

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 128  | Resp: | 4073201 |
| Ion Ratio |      | Lower | Upper   |
| 128       | 100  |       |         |
| 127       | 13.1 | 10.2  | 15.4    |
| 129       | 11.6 | 8.7   | 13.1    |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 53.086 ug/l  
 RT: 14.01 min Scan# 2153  
 Delta R.T. 0.00 min  
 Lab File: VX014134.D  
 Acq: 19 Dec 2019 20:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-3MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 95.9  | 46.8       | 140.3 |
| 145     | 34.5  | 14.8       | 44.4  |

Manual Integrations  
 APPROVED

apatel  
 12/20/2019 10:24:35 AM

