

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091119\  
 Data File : VU034471.D  
 Acq On : 11 Sep 2019 12:01  
 Operator : JC/SP  
 Sample : VSTDIC015  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

Manual Integrations  
 APPROVED

MMDadoda  
 9/12/2019 4:53:35 PM

Quant Time: Sep 12 02:47:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U091119DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Sep 12 02:05:08 2019  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon  | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|-------|-------|----------|--------|---------|----------|
| -----                         | ----- | ----- | -----    | -----  | -----   | -----    |
| 1) Fluorobenzene              | 5.72  | 96    | 66765    | 1.00   | ug/l    | 0.00     |
| System Monitoring Compounds   |       |       |          |        |         |          |
| 57) 4-Bromofluorobenzene      | 10.29 | 95    | 26415    | 1.02   | ug/l    | 0.00     |
| Spiked Amount 1.000           |       |       | Recovery | =      | 102.00% |          |
| 68) 1,2-Dichlorobenzene-d4    | 11.84 | 152   | 27616    | 1.02   | ug/l    | 0.00     |
| Spiked Amount 1.000           |       |       | Recovery | =      | 102.00% |          |
| Target Compounds              |       |       |          |        |         |          |
|                               |       |       |          |        | Ovalue  |          |
| 2) Dichlorodifluoromethane    | 1.20  | 85    | 351065   | 12.902 | ug/l    | 100      |
| 3) Chloromethane              | 1.33  | 50    | 373930   | 12.484 | ug/l    | 98       |
| 4) Vinyl Chloride             | 1.40  | 62    | 384359   | 11.645 | ug/l    | 99       |
| 5) Bromomethane               | 1.62  | 94    | 221260   | 10.746 | ug/l    | 100      |
| 6) Chloroethane               | 1.69  | 64    | 221387   | 9.911  | ug/l    | 98       |
| 7) Trichlorofluoromethane     | 1.88  | 101   | 475465   | 10.642 | ug/l    | 98       |
| 8) 1,1,2-Trichloro-1,2,2-trif | 2.28  | 101   | 250115   | 10.755 | ug/l    | 100      |
| 9) 1,1-Dichloroethene         | 2.28  | 96    | 253376   | 11.052 | ug/l    | 99       |
| 10) Iodomethane               | 2.40  | 142   | 309301   | 10.323 | ug/l    | 99       |
| 11) Allyl Chloride            | 2.58  | 41    | 424245   | 11.219 | ug/l    | 100      |
| 12) Acrylonitrile             | 2.92  | 53    | 106771   | 17.156 | ug/l    | 97       |
| 13) Acetone                   | 2.31  | 43    | 214561   | 40.248 | ug/l    | 99       |
| 14) Carbon Disulfide          | 2.47  | 76    | 902238   | 10.439 | ug/l    | 100      |
| 15) Methylene Chloride        | 2.68  | 84    | 279864   | 9.132  | ug/l    | 99       |
| 16) trans-1,2-Dichloroethene  | 2.96  | 96    | 282297   | 10.430 | ug/l    | 99       |
| 17) 1,1-Dichloroethane        | 3.42  | 63    | 548310   | 14.351 | ug/l    | 99       |
| 18) 2-Butanone                | 4.25  | 43    | 366834   | 69.321 | ug/l    | 99       |
| 19) Cyclohexane               | 4.97  | 56    | 496868m  | 17.500 | ug/l    |          |
| 20) Methylcyclohexane         | 6.39  | 83    | 513964   | 17.971 | ug/l    | 99       |
| 21) 2,2-Dichloropropane       | 4.20  | 77    | 441349   | 13.601 | ug/l    | 99       |
| 22) cis-1,2-Dichloroethene    | 4.20  | 96    | 325796   | 15.123 | ug/l    | 99       |
| 23) Diethyl Ether             | 2.10  | 59    | 199575   | 10.303 | ug/l    | 99       |
| 24) tert-Butyl Alcohol        | 2.82  | 59    | 197812   | 67.219 | ug/l    | 99       |
| 25) Methyl tert-Butyl Ether   | 2.99  | 73    | 618672   | 9.597  | ug/l    | 99       |
| 26) Bromochloromethane        | 4.52  | 128   | 130750   | 13.929 | ug/l    | 98       |
| 27) Chloroform                | 4.65  | 83    | 526515   | 12.247 | ug/l    | 100      |
| 28) 1,1,1-Trichloroethane     | 4.89  | 97    | 456560   | 13.736 | ug/l    | 99       |
| 29) 1,1-Dichloropropene       | 5.11  | 75    | 416651   | 15.090 | ug/l    | 99       |
| 30) Carbon Tetrachloride      | 5.11  | 117   | 407641   | 13.882 | ug/l    | 98       |
| 31) Isopropyl Ether           | 3.56  | 45    | 844440   | 17.114 | ug/l    | 99       |
| 32) Ethyl-t-butyl ether       | 4.05  | 59    | 755926   | 16.294 | ug/l    | 100      |
| 33) Tert-Amyl methyl ether    | 5.56  | 73    | 649230   | 15.852 | ug/l    | 100      |
| 34) Propionitrile             | 4.31  | 54    | 103689   | 69.313 | ug/l    | 98       |
| 35) Benzene                   | 5.37  | 78    | 1212179  | 15.112 | ug/l    | 99       |
| 36) 1,2-Dichloroethane        | 5.38  | 62    | 300161   | 11.663 | ug/l    | 100      |
| 37) Trichloroethene           | 6.16  | 130   | 333198   | 15.566 | ug/l    | 99       |
| 38) 1,2-Dichloropropane       | 6.41  | 63    | 311523   | 14.170 | ug/l    | 100      |
| 39) Methacrylonitrile         | 4.53  | 41    | 86010    | 14.305 | ug/l    | 98       |
| 40) Methyl acrylate           | 4.41  | 55    | 140226   | 15.023 | ug/l    | 99       |
| 41) Tetrahydrofuran           | 4.63  | 42    | 87914    | 29.281 | ug/l    | 99       |
| 42) 1-Chlorobutane            | 5.04  | 56    | 580547   | 15.579 | ug/l    | 100      |

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 Sample : VSTDIC015  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleID :  
 VSTDIC015

Manual Integrations  
 APPROVED

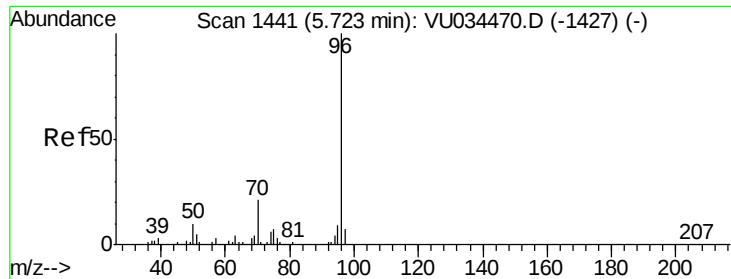
MMDadoda  
 9/12/2019 4:53:35 PM

Quant Time: Sep 12 02:47:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U091119DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Sep 12 02:05:08 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 43) Dibromomethane             | 6.54  | 93   | 143810   | 12.163 | ug/l   | 99       |
| 44) Bromodichloromethane       | 6.74  | 83   | 376377   | 13.004 | ug/l   | 100      |
| 45) 4-Methyl-2-Pentanone       | 7.44  | 43   | 827736   | 68.926 | ug/l   | 99       |
| 46) t-1,4-Dichloro-2-butene    | 10.49 | 75   | 139814m  | 29.394 | ug/l   |          |
| 47) Methyl methacrylate        | 6.61  | 69   | 263875   | 29.183 | ug/l   | 99       |
| 48) Ethyl methacrylate         | 8.00  | 69   | 257690   | 16.073 | ug/l   | 100      |
| 49) Toluene                    | 7.61  | 92   | 763003   | 16.607 | ug/l   | 99       |
| 50) t-1,3-Dichloropropene      | 7.86  | 75   | 339119   | 14.144 | ug/l   | 99       |
| 51) cis-1,3-Dichloropropene    | 7.25  | 75   | 425625   | 14.792 | ug/l   | 99       |
| 52) 1,1,2-Trichloroethane      | 8.05  | 97   | 202763   | 12.776 | ug/l   | 98       |
| 53) 1,3-Dichloropropane        | 8.22  | 76   | 355855   | 13.237 | ug/l   | 99       |
| 54) 2-Hexanone                 | 8.34  | 43   | 579555   | 68.808 | ug/l   | 99       |
| 55) Dibromochloromethane       | 8.46  | 129  | 254232   | 13.596 | ug/l   | 97       |
| 56) 1,2-Dibromoethane          | 8.57  | 107  | 190597   | 12.905 | ug/l   | 99       |
| 58) Tetrachloroethene          | 8.21  | 164  | 319053   | 16.346 | ug/l   | 99       |
| 59) Chlorobenzene              | 9.10  | 112  | 831355   | 15.828 | ug/l   | 99       |
| 60) 1,1,1,2-Tetrachloroethane  | 9.19  | 131  | 285218   | 14.313 | ug/l   | 99       |
| 61) Pentachloroethane          | 11.08 | 117  | 223696   | 13.745 | ug/l   | 98       |
| 62) Hexachloroethane           | 12.12 | 117  | 218920   | 14.100 | ug/l   | 98       |
| 63) Ethyl Benzene              | 9.23  | 91   | 1445077  | 17.119 | ug/l   | 100      |
| 64) m/p-Xylenes                | 9.35  | 106  | 1151568  | 34.038 | ug/l   | 98       |
| 65) o-Xylene                   | 9.76  | 106  | 544623   | 16.819 | ug/l   | 99       |
| 66) Styrene                    | 9.77  | 104  | 938749   | 17.169 | ug/l   | 100      |
| 67) Bromoform                  | 9.94  | 173  | 150040   | 14.690 | ug/l   | 99       |
| 69) Isopropylbenzene           | 10.14 | 105  | 1453319  | 17.457 | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane  | 10.43 | 83   | 257888   | 12.287 | ug/l   | 100      |
| 71) 1,2,3-Trichloropropane     | 10.47 | 75   | 186707m  | 11.477 | ug/l   |          |
| 72) Bromobenzene               | 10.43 | 156  | 354133   | 16.077 | ug/l   | 98       |
| 73) n-propylbenzene            | 10.57 | 120  | 422653   | 17.773 | ug/l   | 99       |
| 74) 2-Chlorotoluene            | 10.64 | 126  | 355166   | 16.454 | ug/l   | 100      |
| 75) 1,3,5-Trimethylbenzene     | 10.75 | 105  | 1270790  | 17.069 | ug/l   | 100      |
| 76) 4-Chlorotoluene            | 10.75 | 126  | 362865   | 16.231 | ug/l   | 98       |
| 77) tert-Butylbenzene          | 11.08 | 119  | 1225708  | 17.205 | ug/l   | 99       |
| 78) 1,2,4-Trimethylbenzene     | 11.13 | 105  | 1314640  | 17.305 | ug/l   | 99       |
| 79) sec-Butylbenzene           | 11.30 | 105  | 1643667  | 16.923 | ug/l   | 100      |
| 80) Nitrobenzene               | 12.85 | 77   | 39431    | 46.401 | ug/l # | 96       |
| 81) p-Isopropyltoluene         | 11.45 | 119  | 1424722  | 17.943 | ug/l   | 100      |
| 82) 1,3-Dichlorobenzene        | 11.39 | 146  | 729246   | 15.621 | ug/l   | 99       |
| 83) 1,4-Dichlorobenzene        | 11.49 | 146  | 714413   | 15.502 | ug/l   | 99       |
| 84) n-Butylbenzene             | 11.86 | 91   | 1315628  | 16.438 | ug/l   | 100      |
| 85) 1,2-Dichlorobenzene        | 11.86 | 146  | 655781   | 15.077 | ug/l   | 100      |
| 86) 1,2-Dibromo-3-Chloropropan | 12.63 | 75   | 39831    | 12.227 | ug/l   | 96       |
| 87) 1,2,4-Trichlorobenzene     | 13.48 | 180  | 460436   | 17.757 | ug/l   | 100      |
| 88) Hexachlorobutadiene        | 13.67 | 225  | 288388   | 17.383 | ug/l   | 100      |
| 89) Naphthalene                | 13.72 | 128  | 693793   | 16.268 | ug/l   | 100      |
| 90) 1,2,3-Trichlorobenzene     | 13.96 | 180  | 415917   | 16.622 | ug/l   | 98       |

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





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

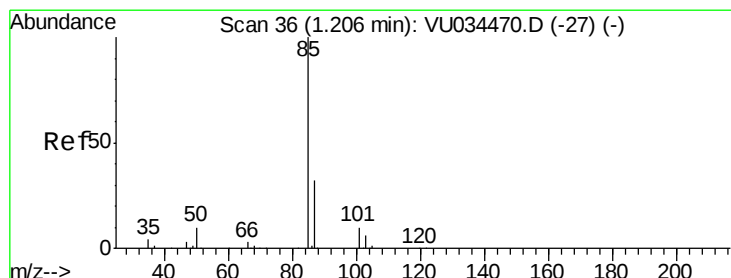
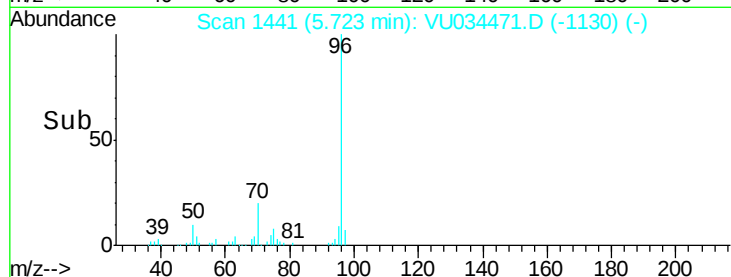
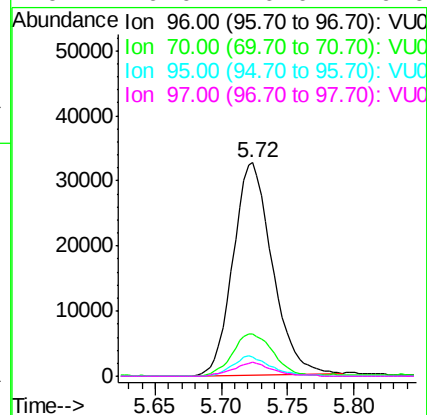
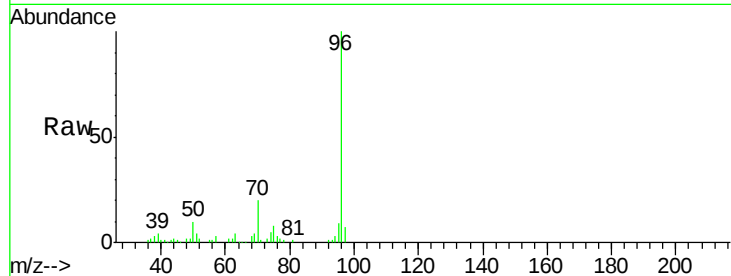
ClientSampleId :

VSTDIC015

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 96      | 100  |       |       |       |
| 70      | 20.0 | 16.5  | 24.7  |       |
| 95      | 0.0  | 7.0   | 10.6  |       |
| 97      | 0.0  | 0.0   | 0.0   |       |

Manual Integrations  
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#2

Dichlorodifluoromethane

Concen: 12.902 ug/l

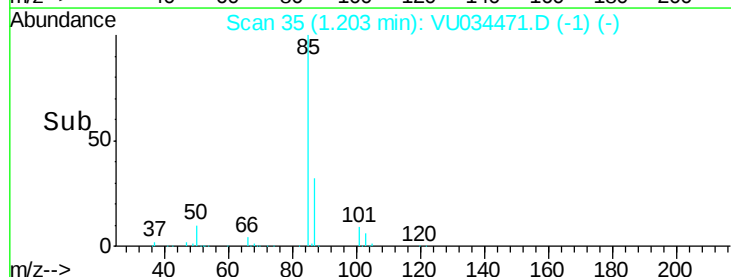
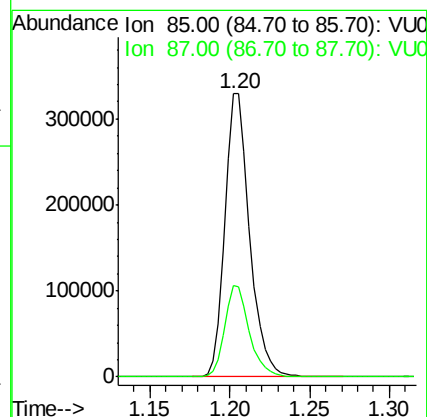
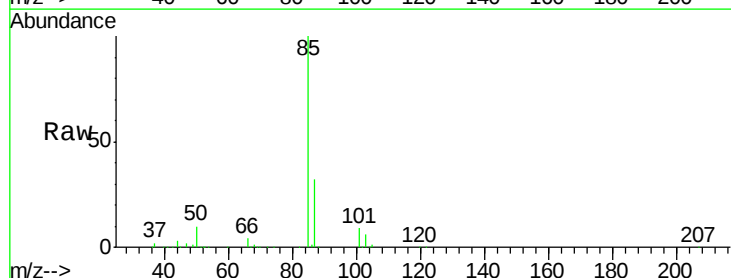
RT: 1.20 min Scan# 35

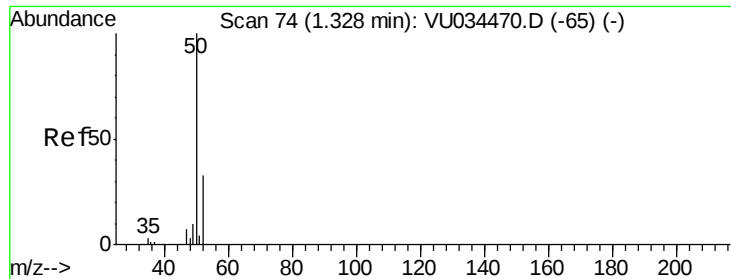
Delta R.T. -0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 85      | 100  |       |       |       |
| 87      | 32.2 | 16.1  | 48.3  |       |





#3

Chloromethane

Concen: 12.484 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

Tot Ion: 50 Resp: 373930

Ion Ratio Lower Upper

50 100

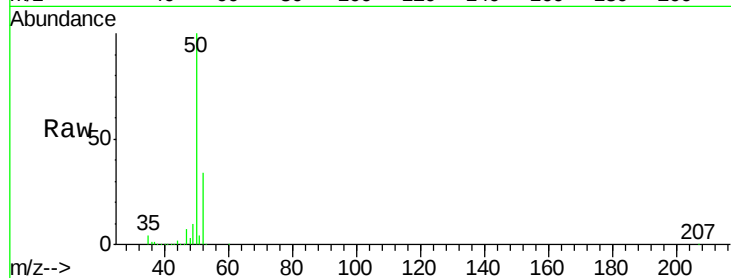
52 33.8 26.2 39.4

Manual Integrations

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Abundance Ion 50.00 (49.70 to 50.70): VU034471.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU034471.D (-1) (-)

1.33

400000

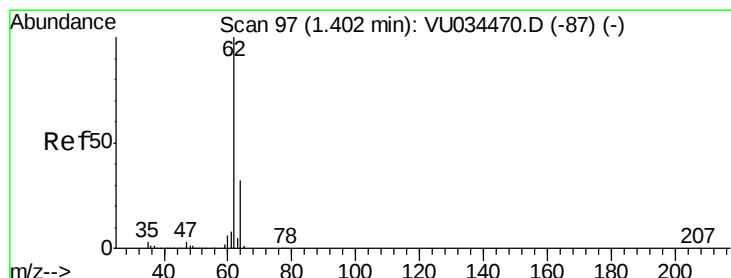
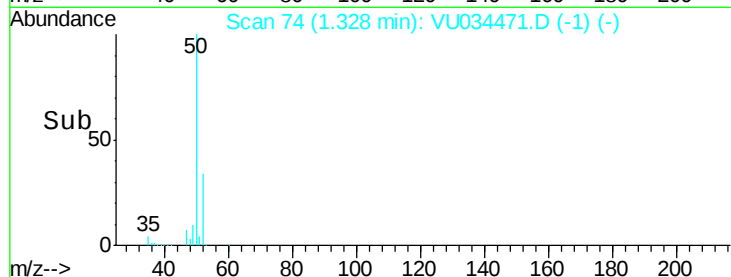
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 11.645 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU034471.D

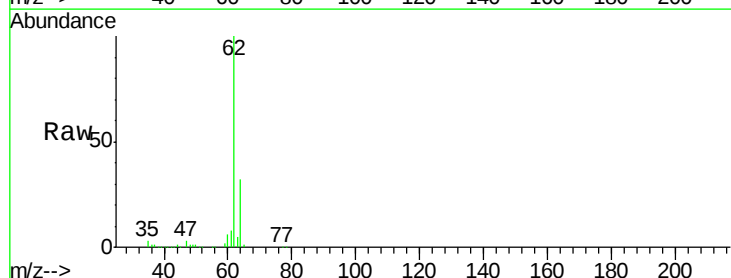
Acq: 11 Sep 2019 12:01

Tgt Ion: 62 Resp: 384359

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0



Abundance Ion 62.00 (61.70 to 62.70): VU034471.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU034471.D (-1) (-)

1.40

400000

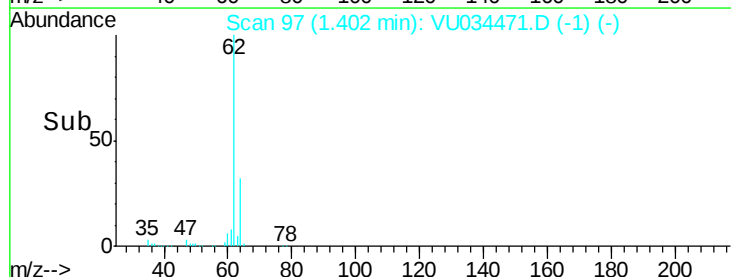
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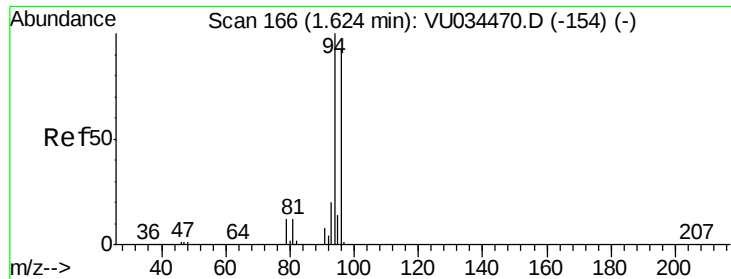
200000

100000

0

Time-->





#5

Bromomethane

Concen: 10.746 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

Tot Ion: 94 Resp: 221260

Ion Ratio Lower Upper

94 100

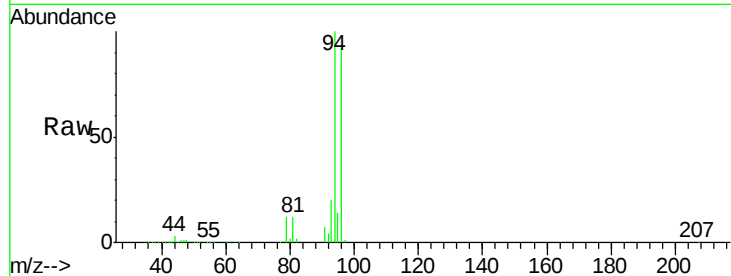
96 92.4 73.8 110.8

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VU034471.D (-154) (-)

Ion 96.00 (95.70 to 96.70): VU034471.D (-154) (-)

1.62

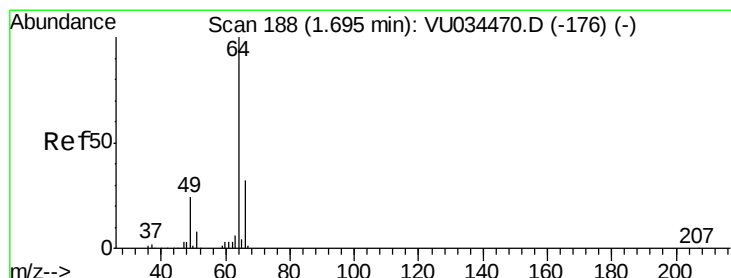
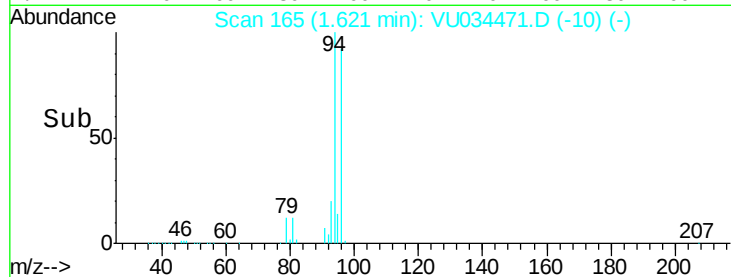
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 9.911 ug/l

RT: 1.69 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU034471.D

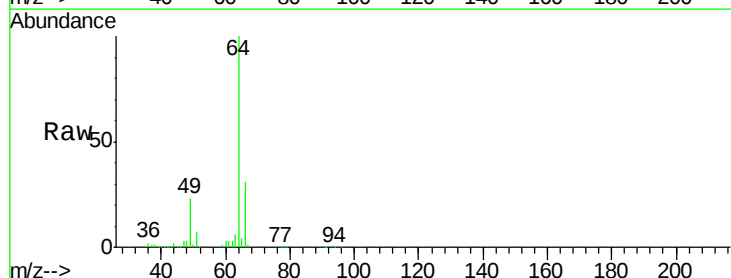
Acq: 11 Sep 2019 12:01

Tgt Ion: 64 Resp: 221387

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VU034471.D (-176) (-)

Ion 66.00 (65.70 to 66.70): VU034471.D (-176) (-)

1.69

200000

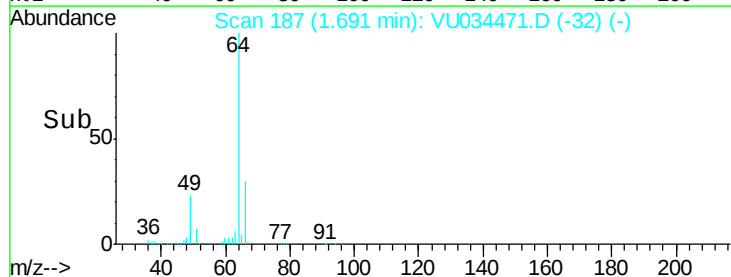
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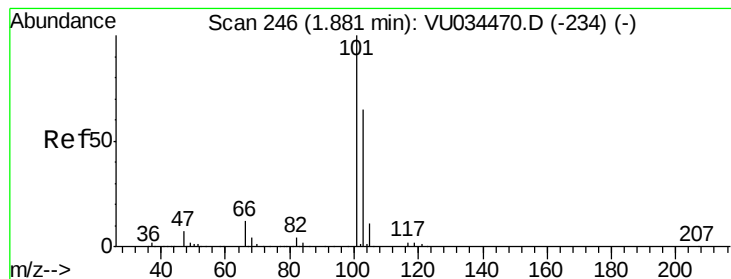
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50000

0

Time-->





#7

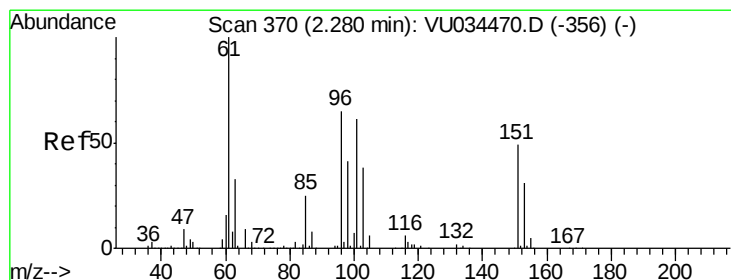
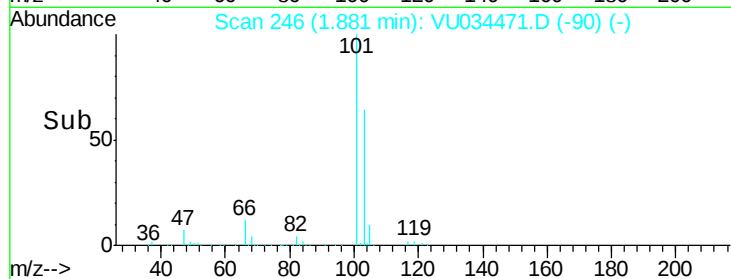
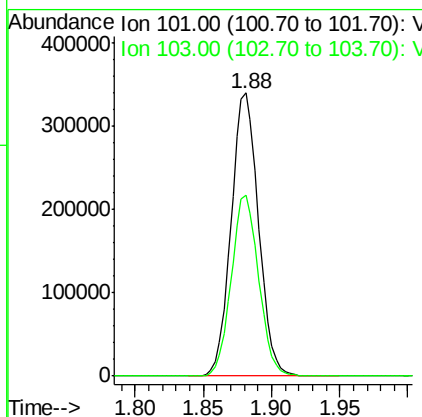
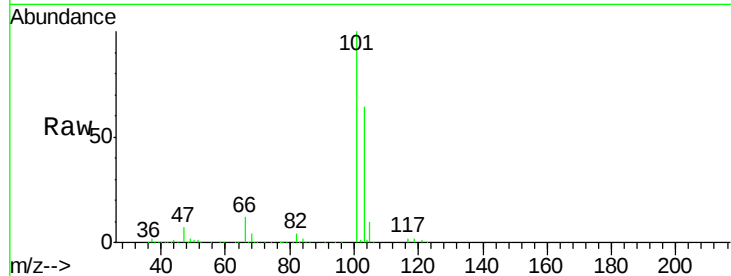
Trichlorofluoromethane  
Concen: 10.642 ug/l  
RT: 1.88 min Scan# 246  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 101     | 101 | 100   | 475465 |       |       |
| 103     | 103 | 64.0  | 52.2   | 78.4  |       |

Manual Integrations  
APPROVED

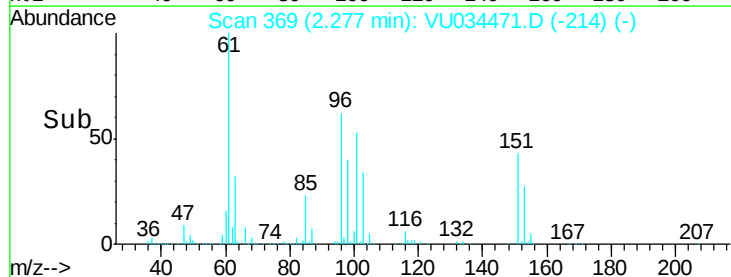
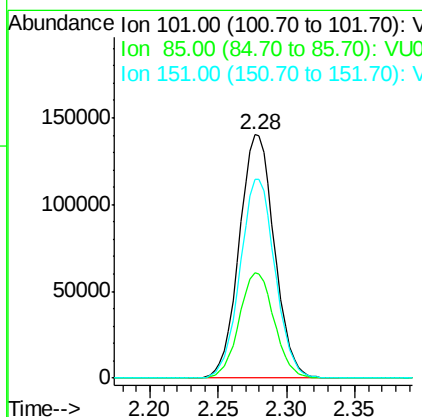
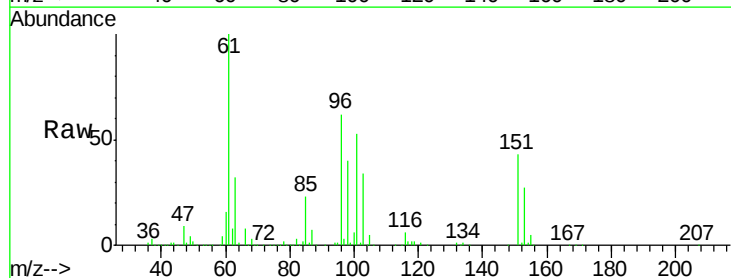
MMDadoda  
9/12/2019 4:53:35 PM

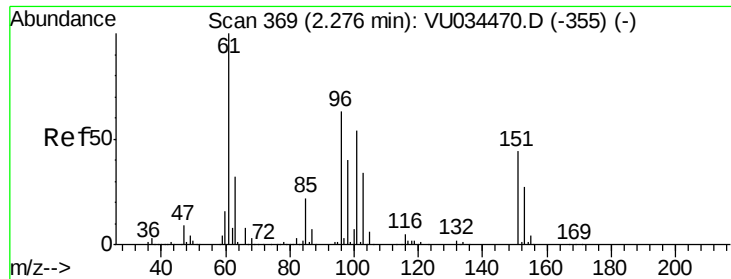


#8

1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 10.755 ug/l  
RT: 2.28 min Scan# 369  
Delta R.T. -0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 101     | 101 | 100   | 250115 |       |       |
| 85      | 85  | 43.1  | 34.2   | 51.2  |       |
| 151     | 151 | 81.4  | 65.2   | 97.8  |       |





#9

1,1-Dichloroethene

Concen: 11.052 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

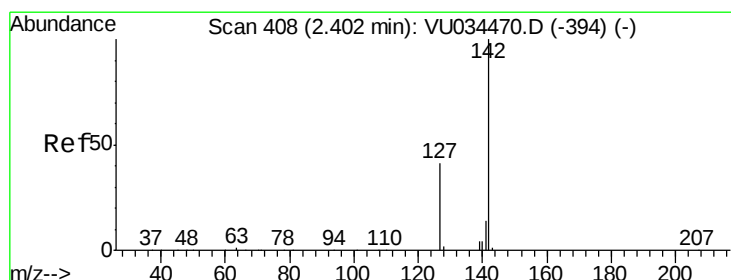
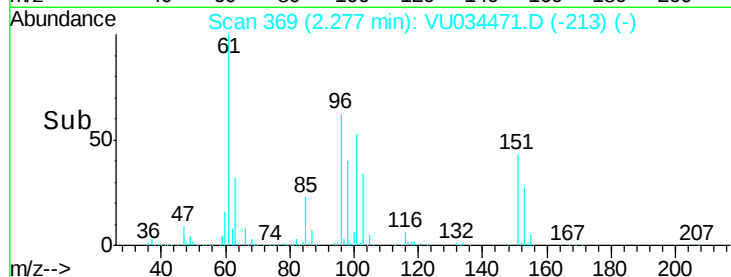
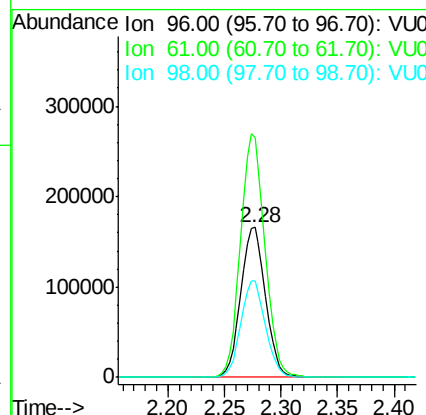
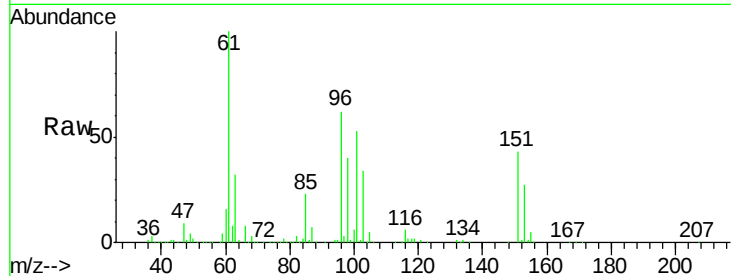
ClientSampleId :

VSTDIC015

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 253376 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 160.6 | 0.0   | 475.5  |
| 98        | 64.5  | 0.0   | 127.6  |

Manual Integrations  
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MMDadoda  
9/12/2019 4:53:35 PM



#10

Iodomethane

Concen: 10.323 ug/l

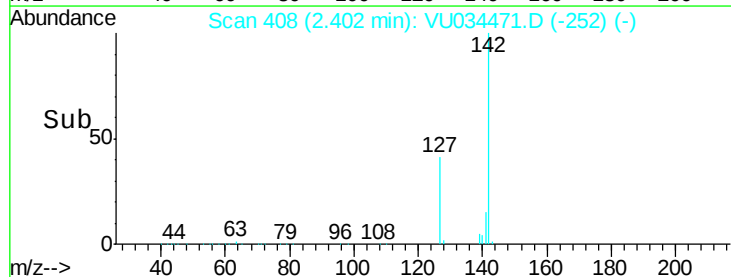
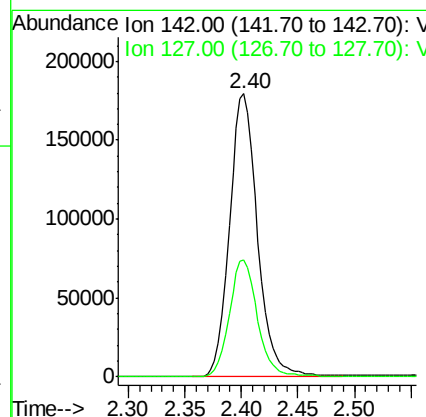
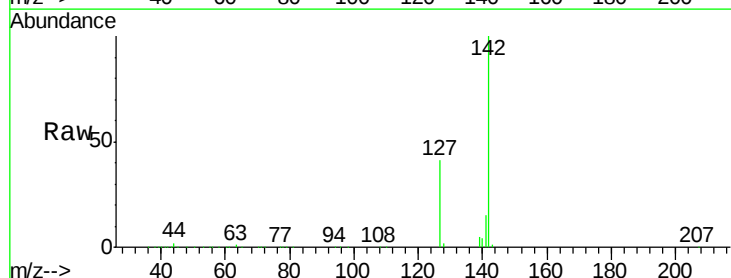
RT: 2.40 min Scan# 408

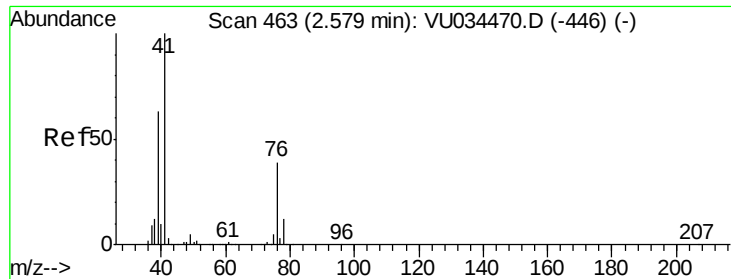
Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 309301 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 41.6  | 33.0  | 49.6   |





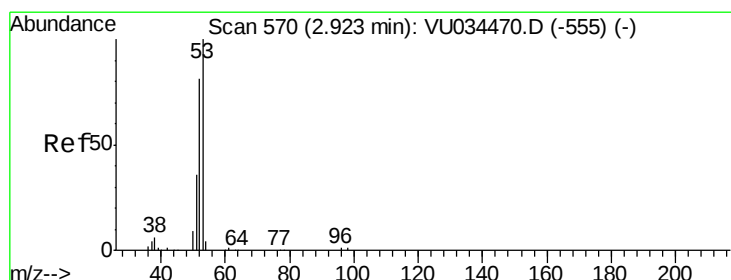
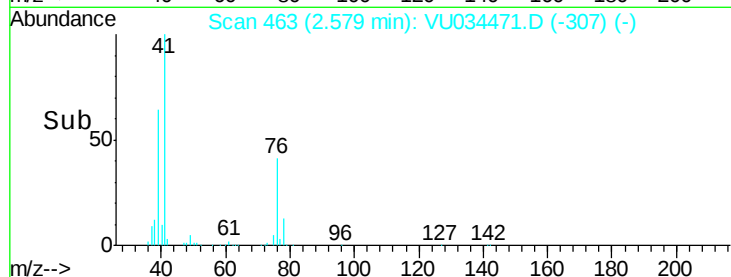
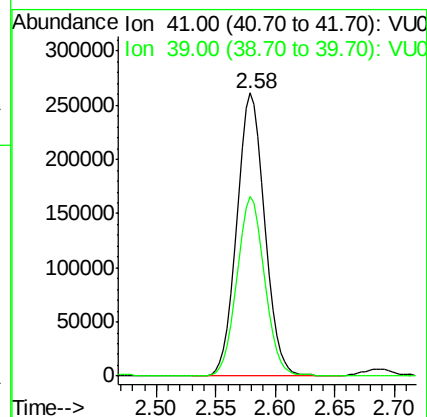
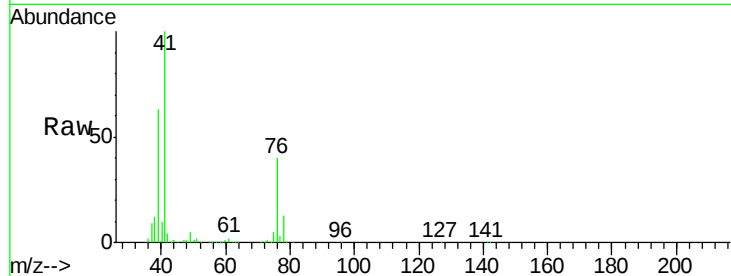
#11  
Allvl Chloride  
Concen: 11.219 ug/l  
RT: 2.58 min Scan# 463  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 63.1  | 50.2  | 75.2  |

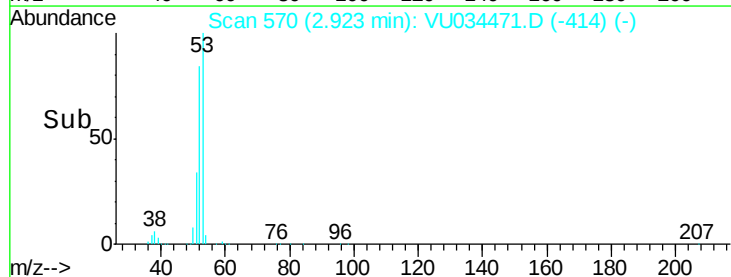
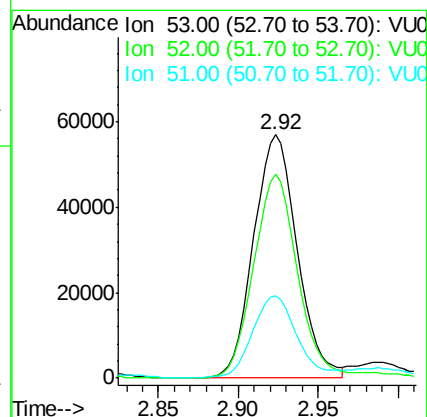
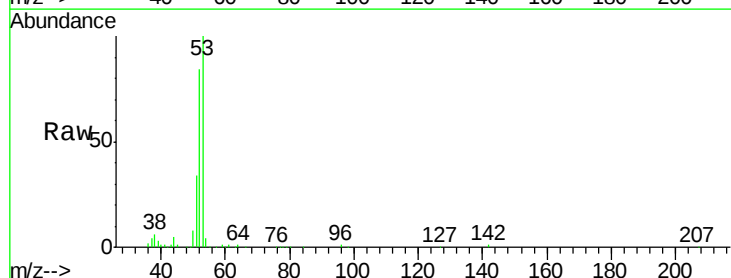
Manual Integrations  
APPROVED

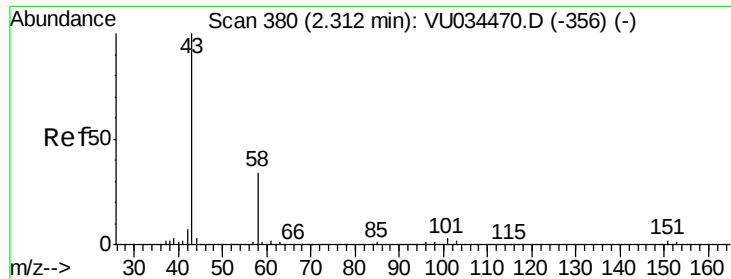
MMDadoda  
9/12/2019 4:53:35 PM



#12  
Acrylonitrile  
Concen: 17.156 ug/l  
RT: 2.92 min Scan# 570  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 86.8  | 66.9  | 100.3 |
| 51      | 34.2  | 28.4  | 42.6  |





#13

Acetone

Concen: 40.248 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampled :

VSTDIC015

Tot Ion: 43 Resp: 214561

Ion Ratio Lower Upper

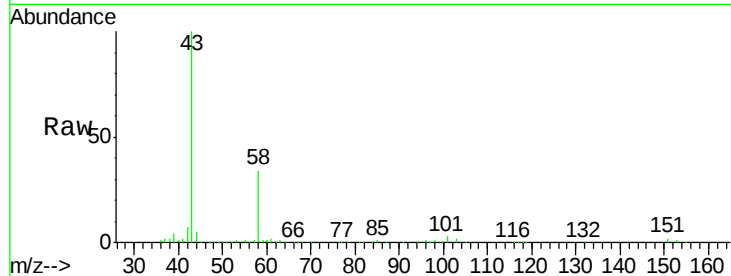
43 100

58 34.3 26.9 40.3

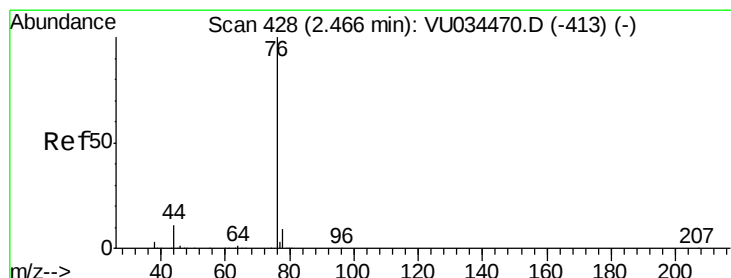
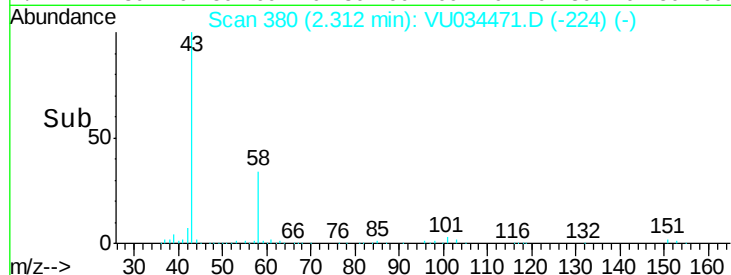
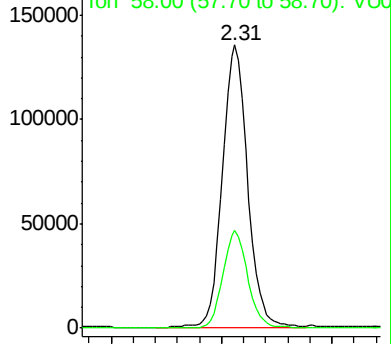
Manual Integrations  
APPROVED

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Abundance Ion 43.00 (42.70 to 43.70): VU034471.D (-224) (-)



#14

Carbon Disulfide

Concen: 10.439 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU034471.D

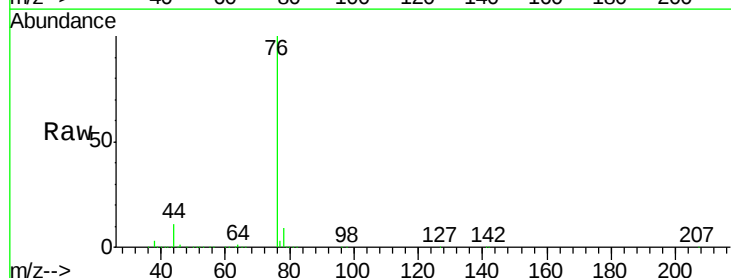
Acq: 11 Sep 2019 12:01

Tgt Ion: 76 Resp: 902238

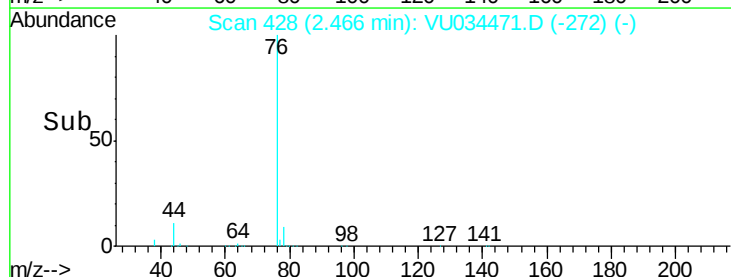
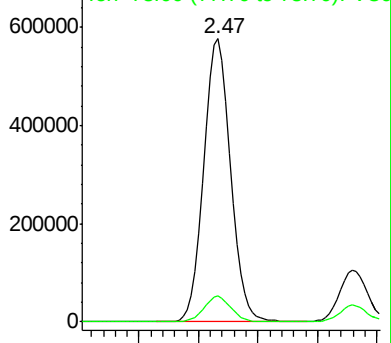
Ion Ratio Lower Upper

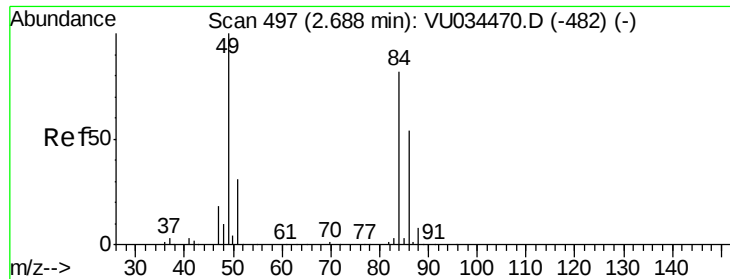
76 100

78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU034471.D (-272) (-)





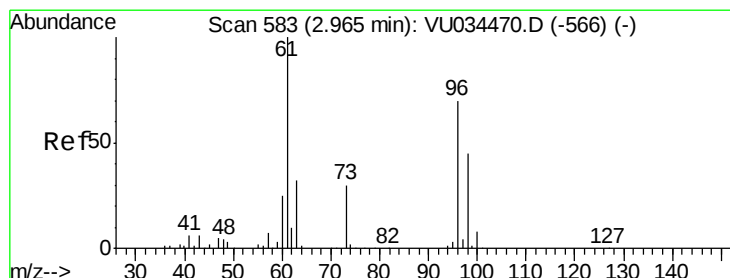
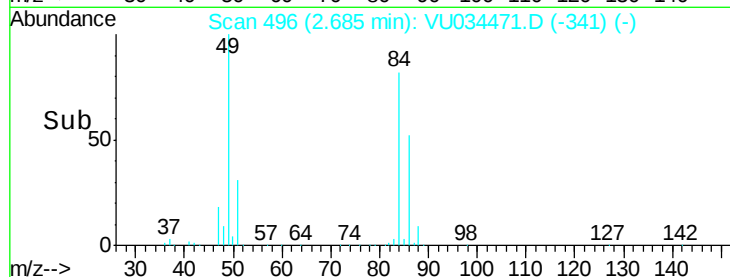
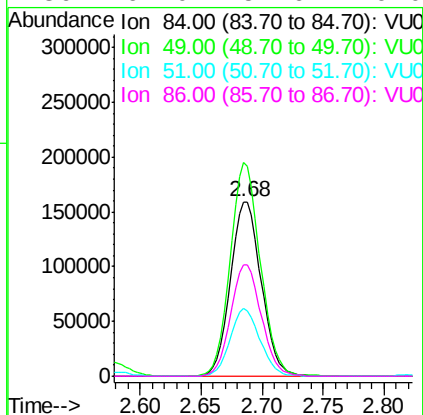
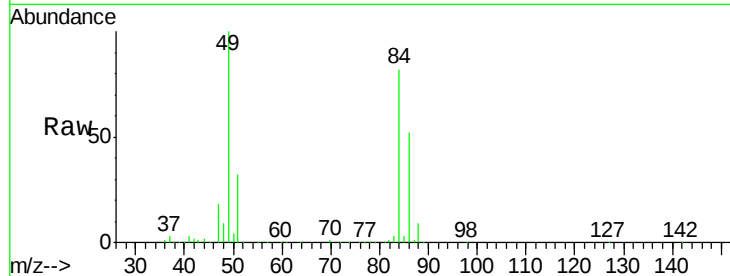
#15  
Methvlene Chloride  
Concen: 9.132 ug/l  
RT: 2.68 min Scan# 496  
Delta R.T. -0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 122.5 | 97.8  | 146.6 |
| 51      | 38.7  | 0.0   | 76.4  |
| 86      | 64.0  | 52.6  | 79.0  |

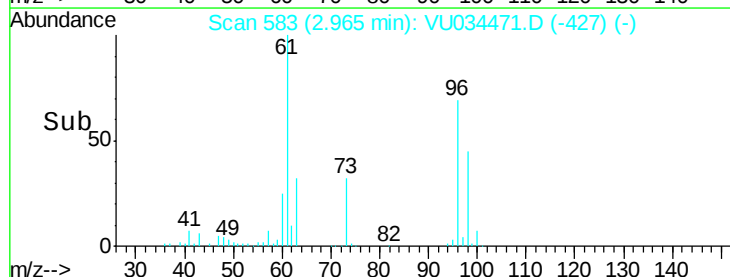
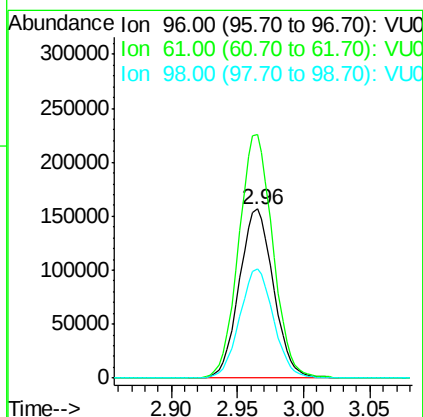
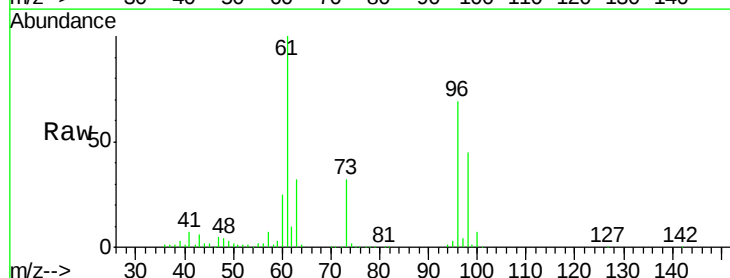
Manual Integrations  
APPROVED

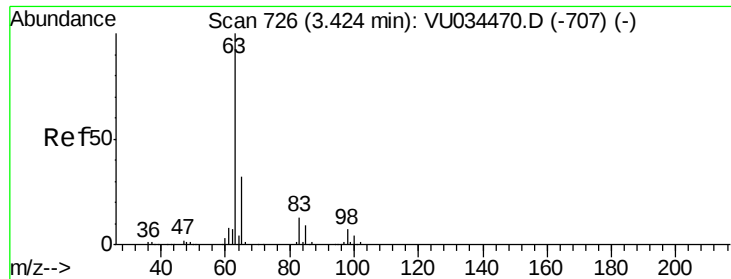
MMDadoda  
9/12/2019 4:53:35 PM



#16  
trans-1,2-Dichloroethene  
Concen: 10.430 ug/l  
RT: 2.96 min Scan# 583  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 144.2 | 114.5 | 171.7 |
| 98      | 64.8  | 51.2  | 76.8  |





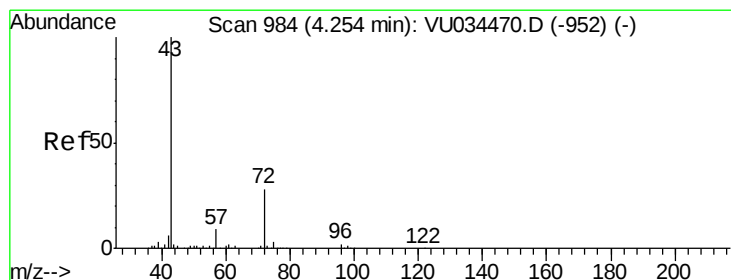
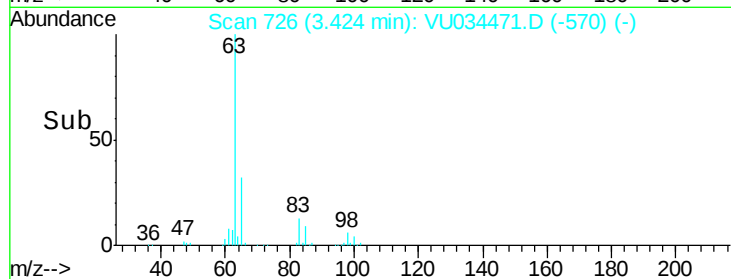
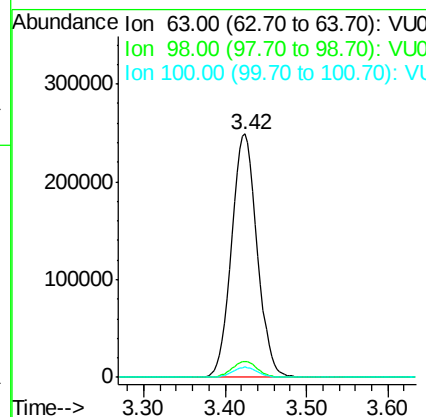
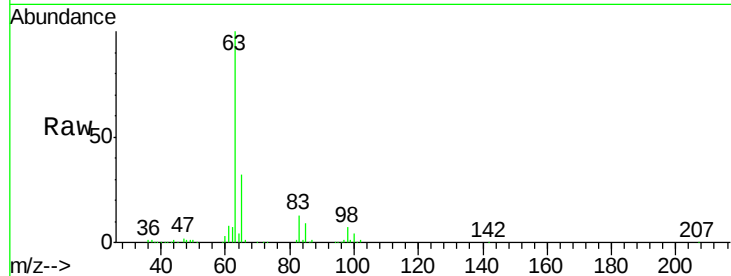
#17  
 1,1-Dichloroethane  
 Concen: 14.351 ug/l  
 RT: 3.42 min Scan# 726  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 63      | 100   |            |       |
| 98      | 6.5   | 3.5        | 10.4  |
| 100     | 4.2   | 2.3        | 6.8   |

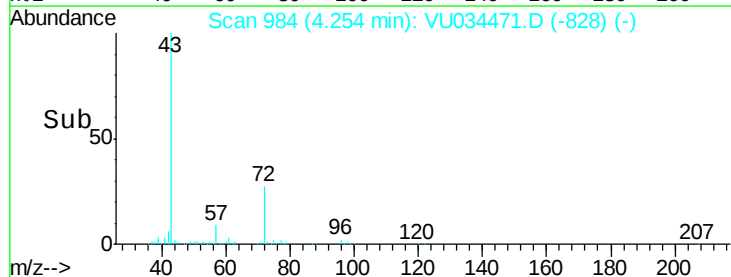
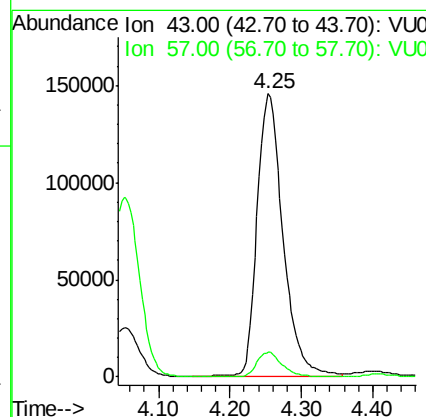
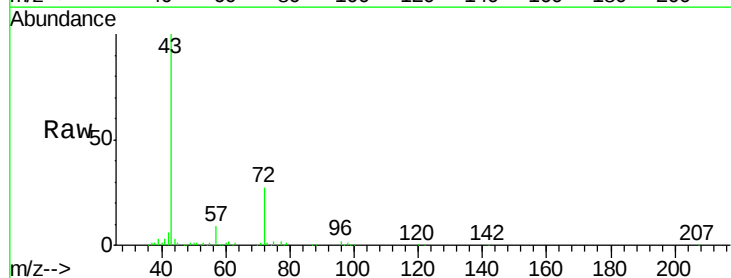
Manual Integrations  
 APPROVED

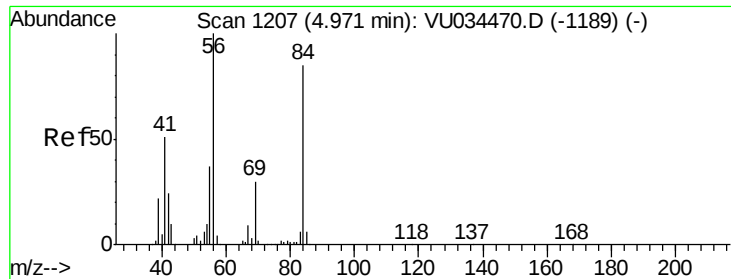
MMDadoda  
 9/12/2019 4:53:35 PM



#18  
 2-Butanone  
 Concen: 69.321 ug/l  
 RT: 4.25 min Scan# 984  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 57      | 8.5   | 0.0   | 17.8  |





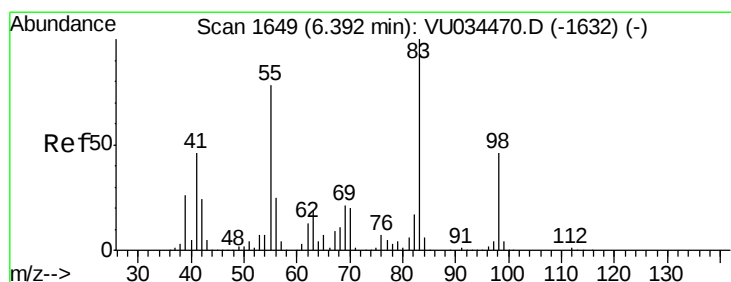
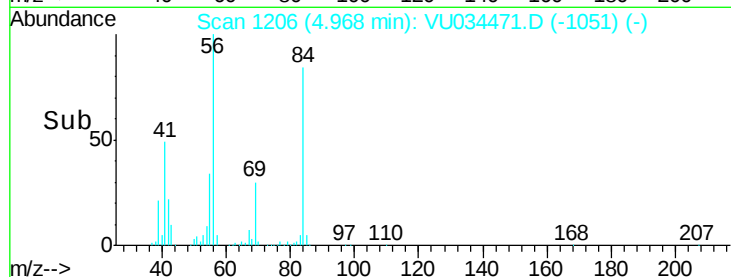
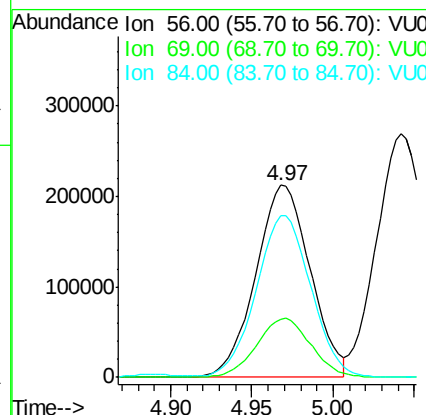
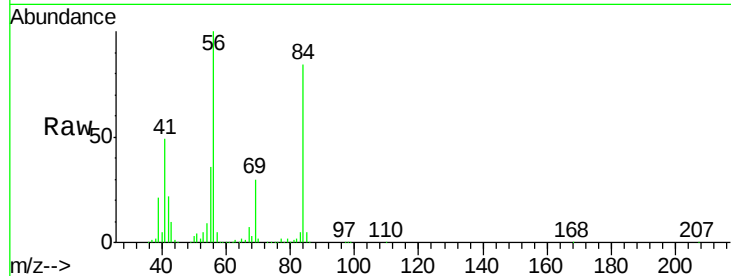
#19  
Cyclohexane  
Concen: 17.500 ug/l m  
RT: 4.97 min Scan# 1206  
Delta R.T. -0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.6  | 24.4  | 36.6  |
| 84      | 83.5  | 66.9  | 100.3 |

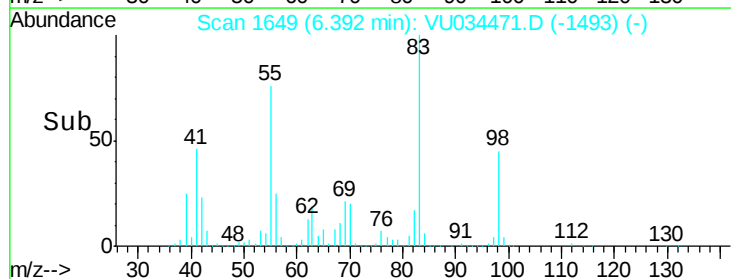
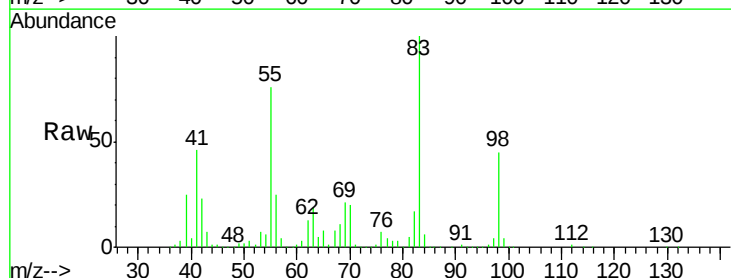
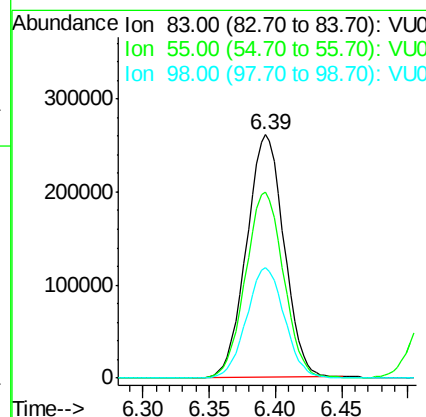
Manual Integrations  
APPROVED

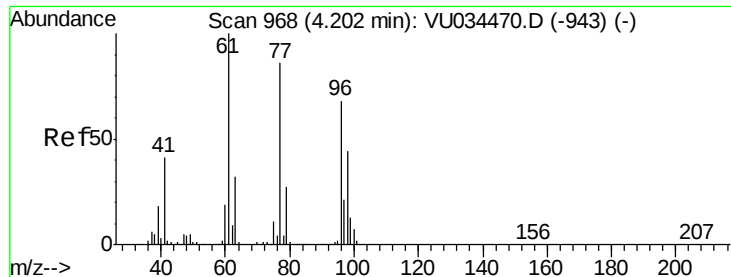
MMDadoda  
9/12/2019 4:53:35 PM



#20  
Methylcyclohexane  
Concen: 17.971 ug/l  
RT: 6.39 min Scan# 1649  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 77.3  | 61.7  | 92.5  |
| 98      | 45.8  | 36.0  | 54.0  |





#21

2,2-Dichloropropane

Concen: 13.601 ug/l

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

Tot Ion: 77 Resp: 441349

Ion Ratio Lower Upper

77 100

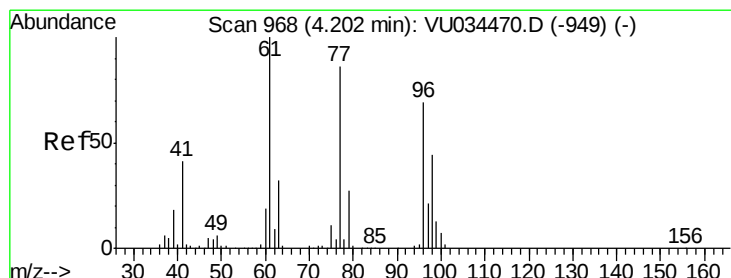
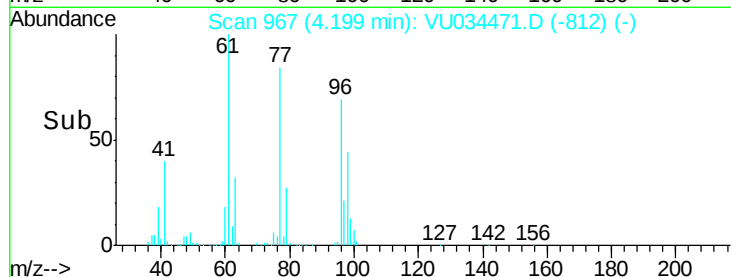
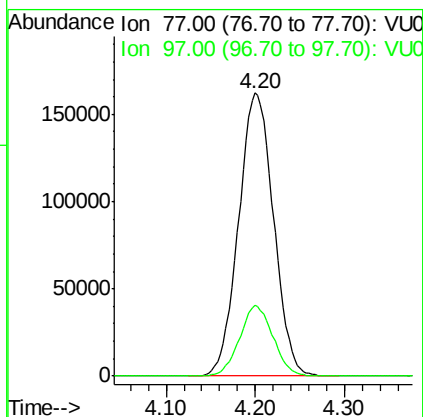
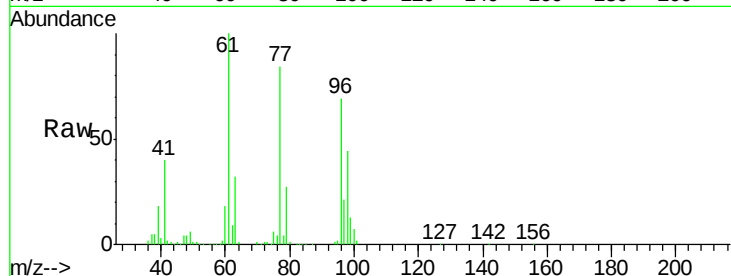
97 23.9 18.9 28.3

Manual Integrations

APPROVED

MMDadoda

9/12/2019 4:53:35 PM



#22

cis-1,2-Dichloroethene

Concen: 15.123 ug/l

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

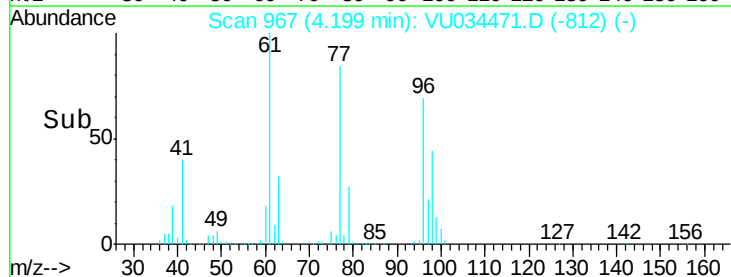
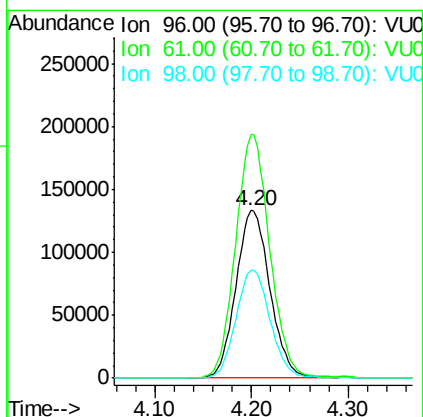
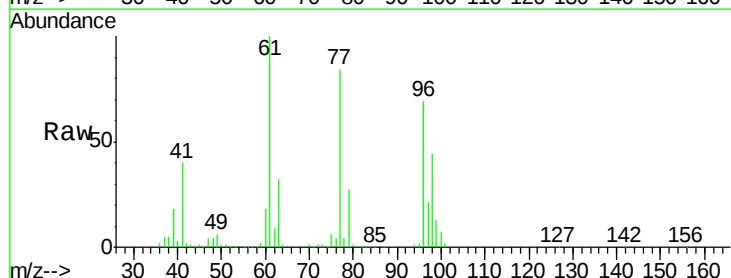
Tgt Ion: 96 Resp: 325796

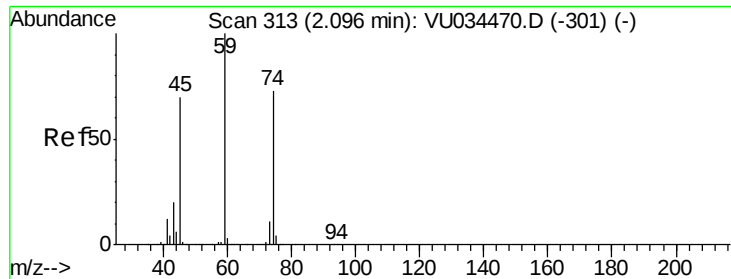
Ion Ratio Lower Upper

96 100

61 146.6 0.0 369.5

98 65.0 32.4 97.2





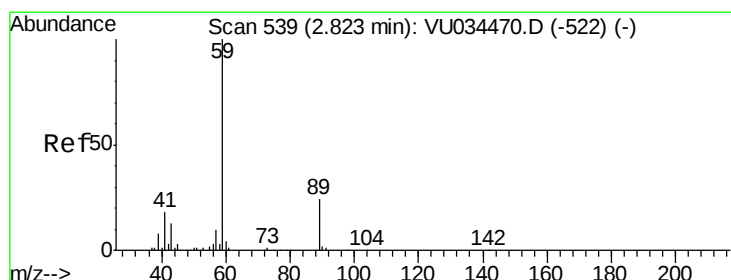
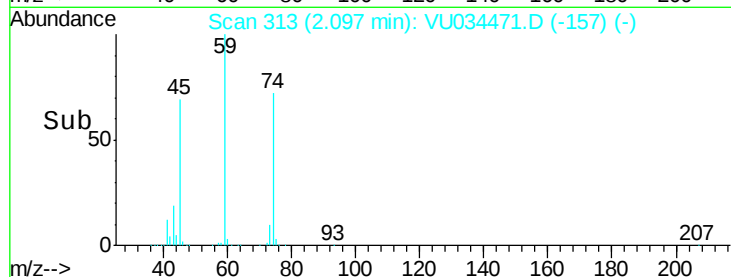
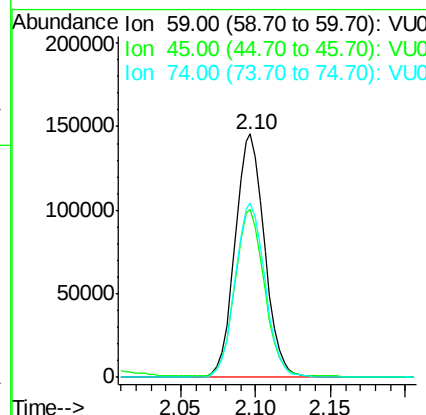
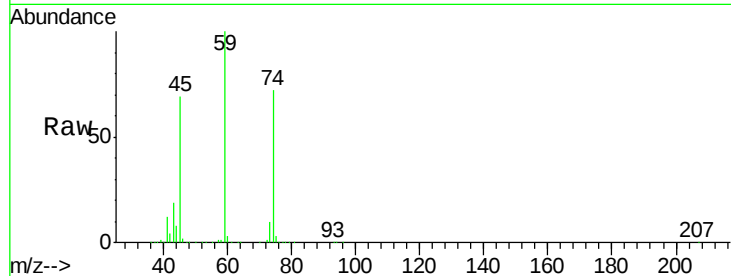
#23  
Diethyl Ether  
Concen: 10.303 ug/l  
RT: 2.10 min Scan# 313  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 45      | 69.2  | 56.3  | 84.5  |
| 74      | 72.9  | 58.2  | 87.2  |

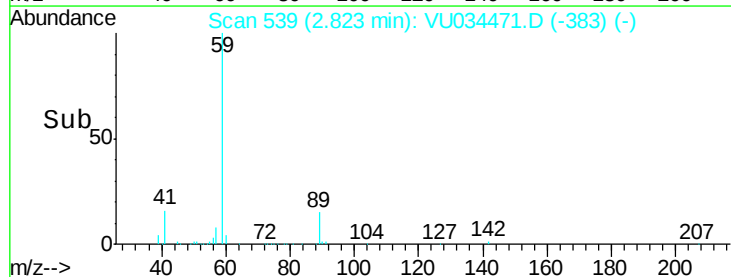
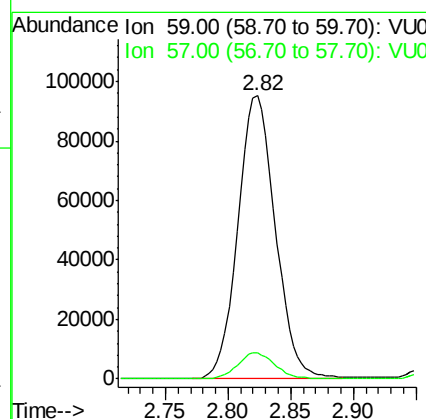
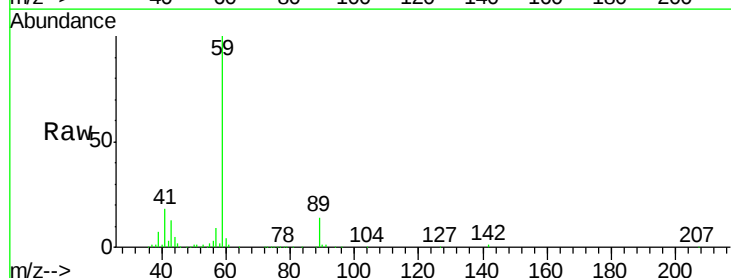
Manual Integrations  
APPROVED

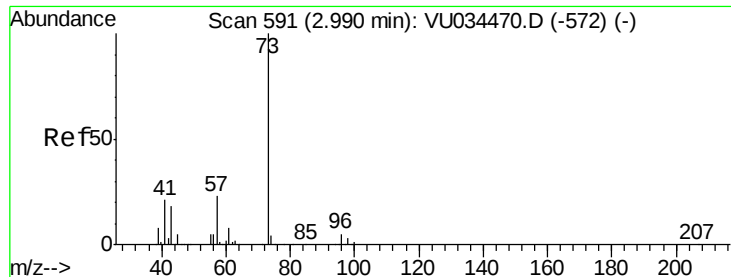
MMDadoda  
9/12/2019 4:53:35 PM



#24  
tert-Butyl Alcohol  
Concen: 67.219 ug/l  
RT: 2.82 min Scan# 539  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.3   | 7.3   | 10.9  |





#25

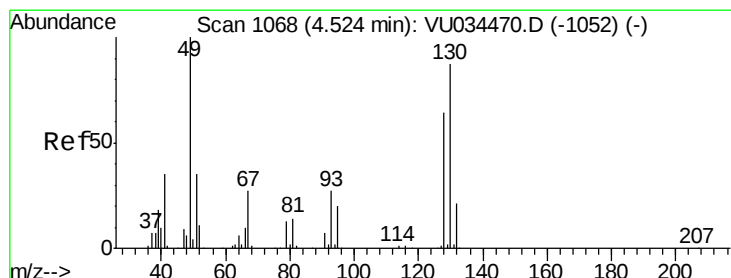
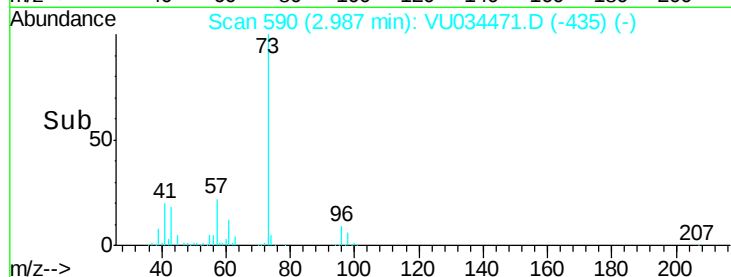
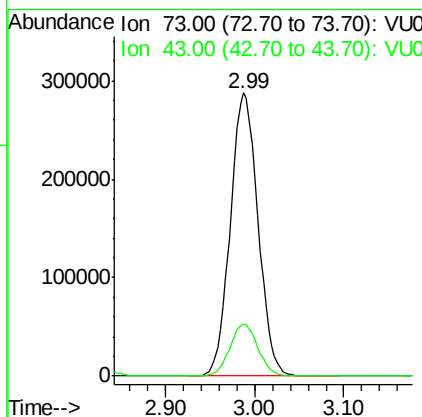
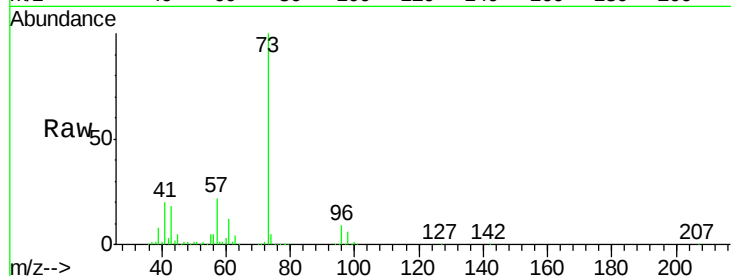
Methyl tert-Butyl Ether  
 Concen: 9.597 ug/l  
 RT: 2.99 min Scan# 590  
 Delta R.T. -0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

| Tot Ion   | 73   | Resp  | 618672 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 73        | 100  |       |        |
| 43        | 18.3 | 14.4  | 21.6   |

Manual Integrations  
 APPROVED

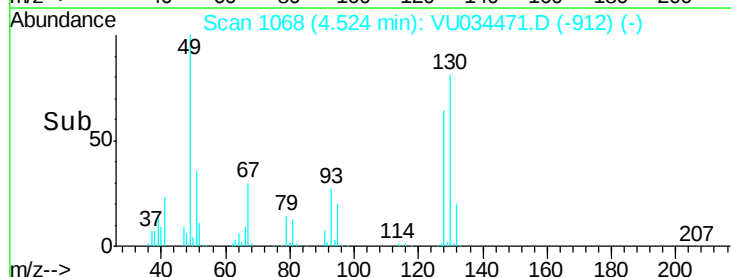
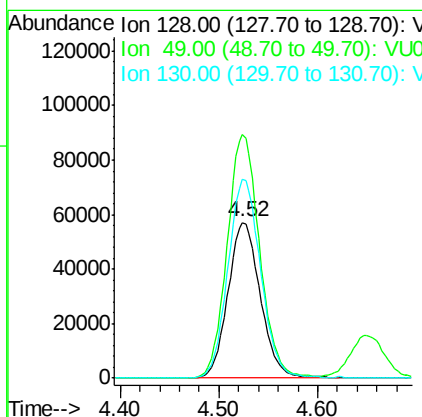
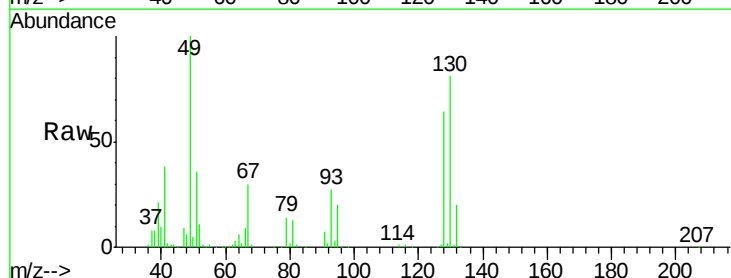
MMDadoda  
 9/12/2019 4:53:35 PM

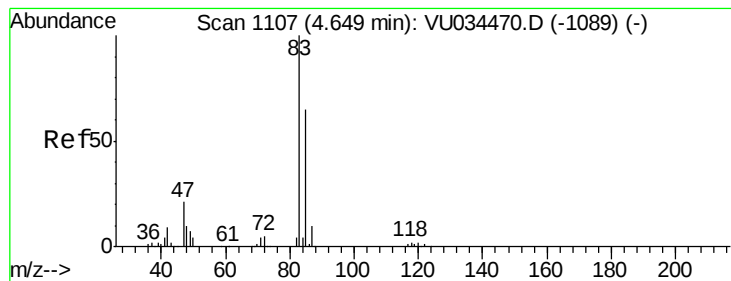


#26

Bromochloromethane  
 Concen: 13.929 ug/l  
 RT: 4.52 min Scan# 1068  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

| Tgt Ion   | 128   | Resp  | 130750 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 128       | 100   |       |        |
| 49        | 156.7 | 0.0   | 309.8  |
| 130       | 129.3 | 105.0 | 157.6  |





#27

Chloroform

Concen: 12.247 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampled :

VSTDIC015

Tot Ion: 83 Resp: 526515

Ion Ratio Lower Upper

83 100

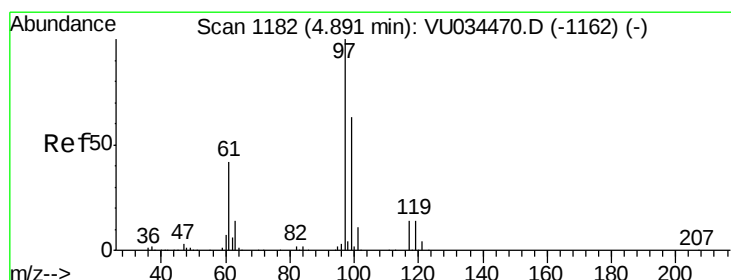
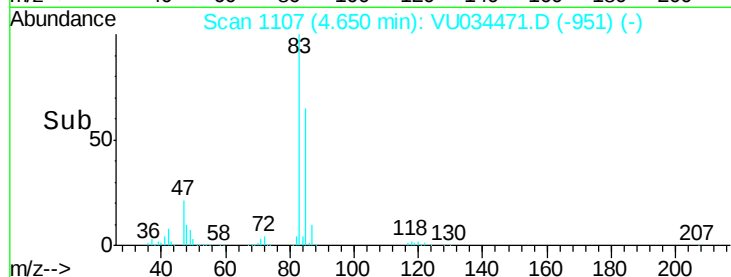
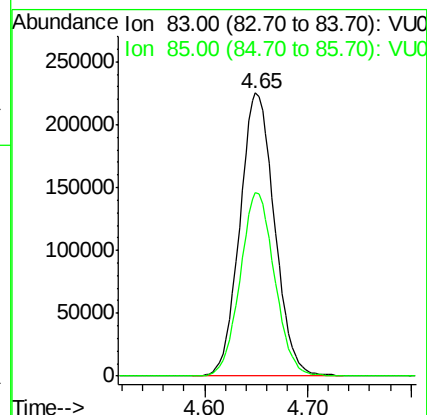
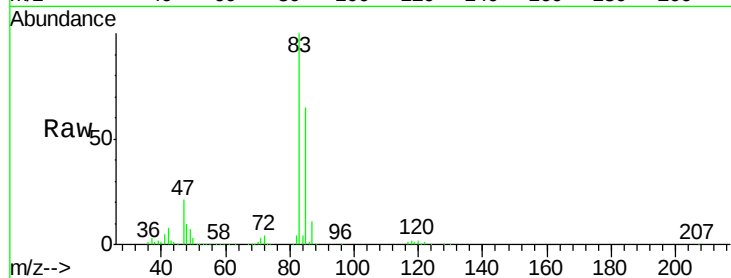
85 65.0 0.0 130.2

Manual Integrations

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#28

1,1,1-Trichloroethane

Concen: 13.736 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

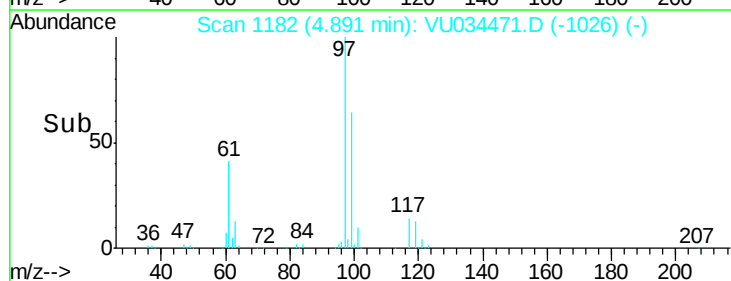
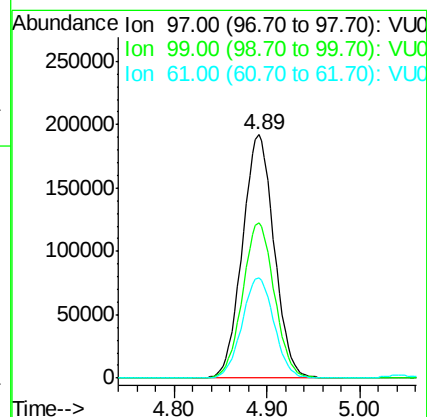
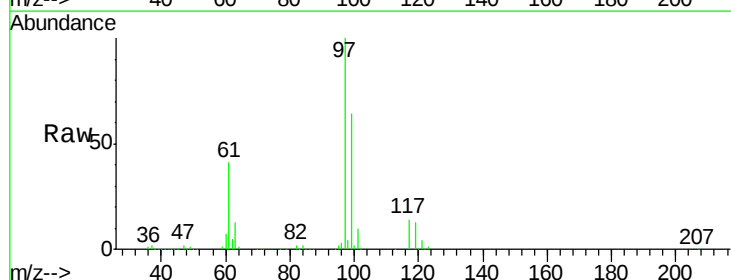
Tgt Ion: 97 Resp: 456560

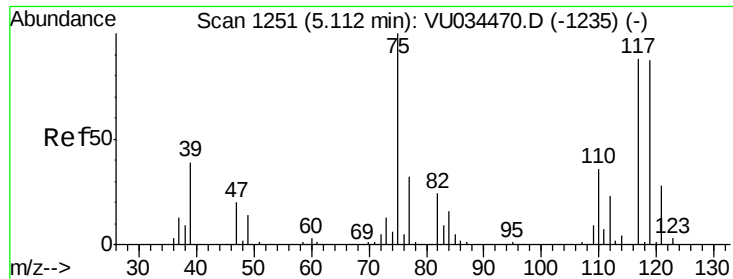
Ion Ratio Lower Upper

97 100

99 63.8 32.0 96.2

61 41.5 21.4 64.3





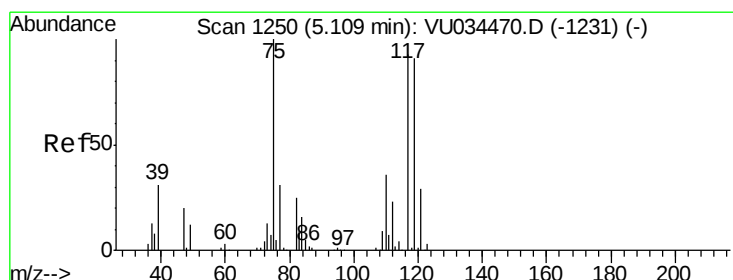
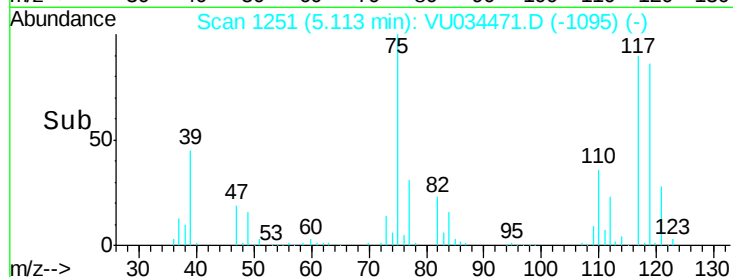
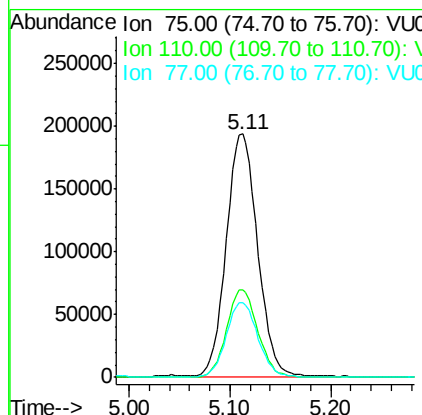
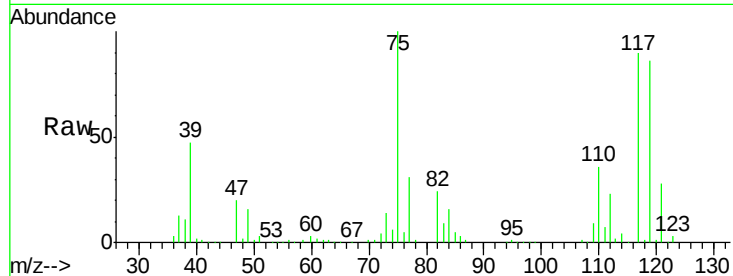
#29  
 1,1-Dichloropropene  
 Concen: 15.090 ug/l  
 RT: 5.11 min Scan# 1251  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 416651 |       |       |
| 110     | 36.5  | 18.4   | 55.2  |       |
| 77      | 30.8  | 25.0   | 37.6  |       |

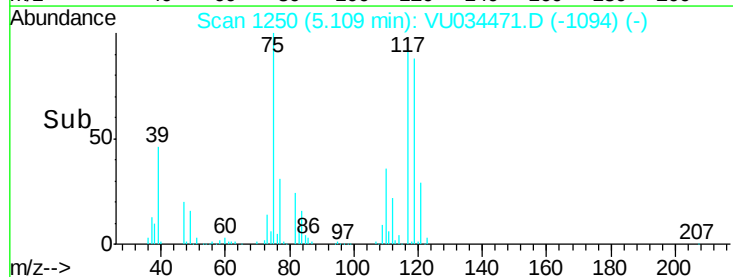
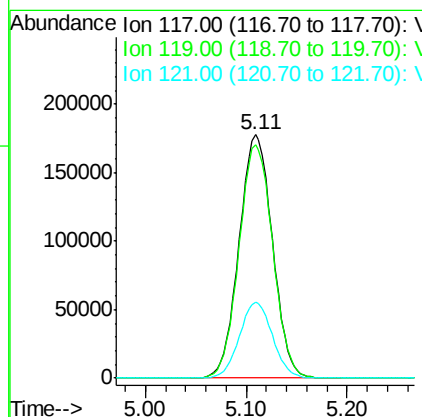
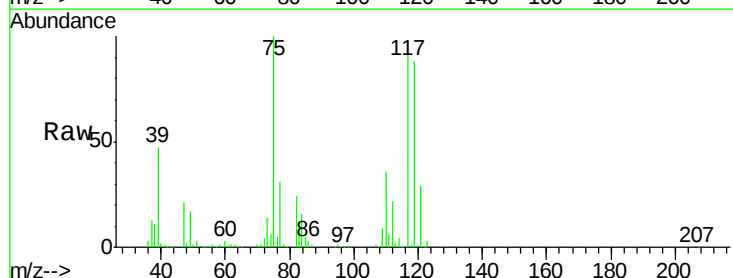
Manual Integrations  
 APPROVED

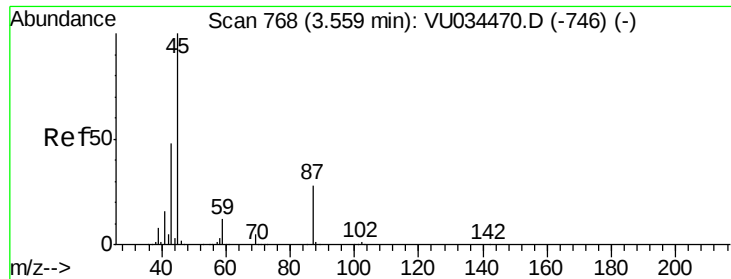
MMDadoda  
 9/12/2019 4:53:35 PM



#30  
 Carbon Tetrachloride  
 Concen: 13.882 ug/l  
 RT: 5.11 min Scan# 1250  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 407641 |       |       |
| 119     | 95.8  | 78.5   | 117.7 |       |
| 121     | 31.1  | 25.3   | 37.9  |       |





#31

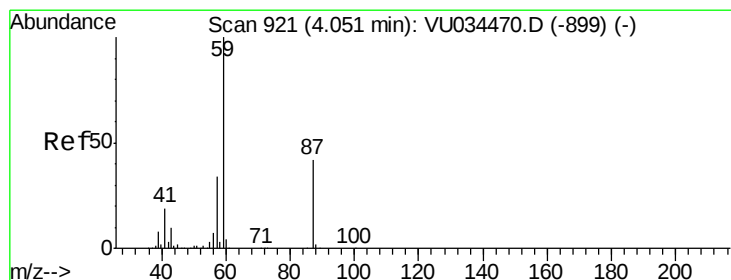
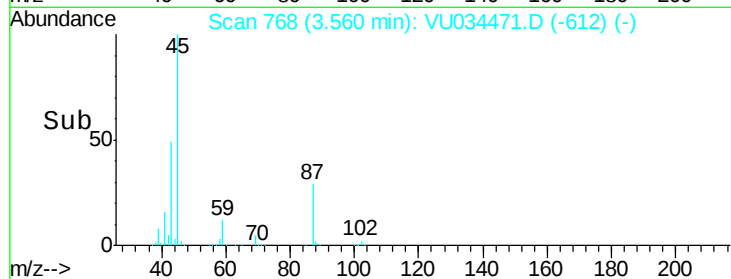
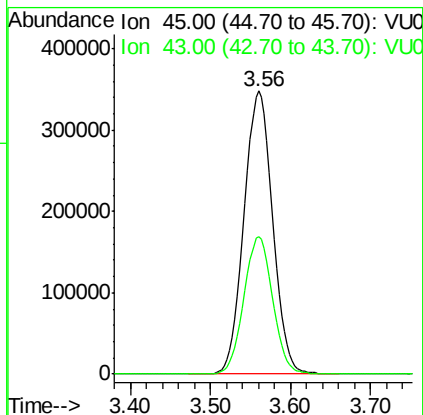
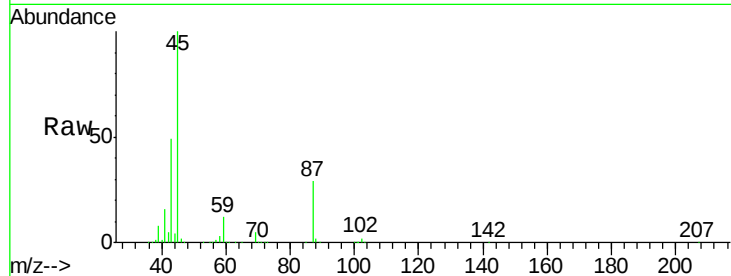
Isopropyl Ether  
 Concen: 17.114 ug/l  
 RT: 3.56 min Scan# 768  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 48.6  | 24.8  | 74.3  |

Manual Integrations  
 APPROVED

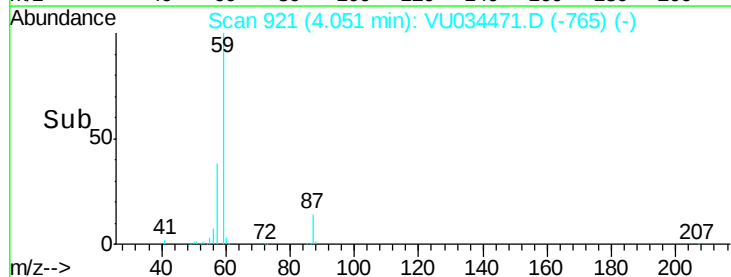
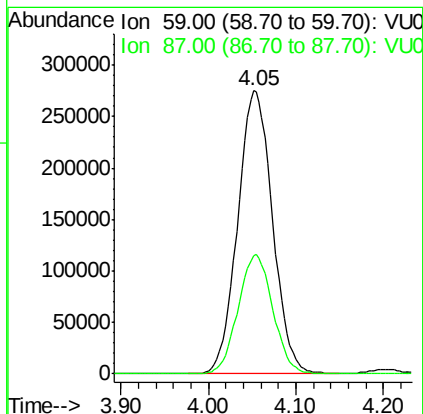
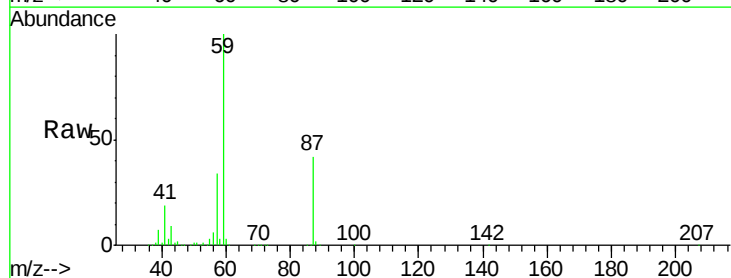
MMDadoda  
 9/12/2019 4:53:35 PM

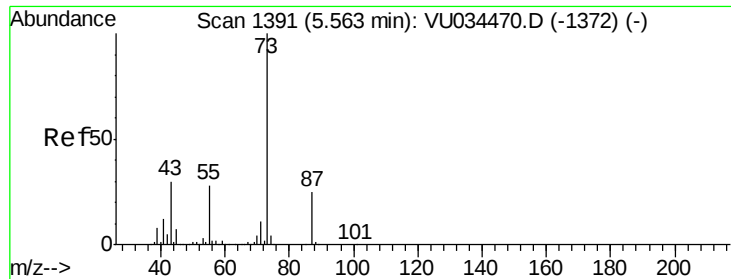


#32

Ethyl-t-butyl ether  
 Concen: 16.294 ug/l  
 RT: 4.05 min Scan# 921  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 87      | 42.3  | 33.6  | 50.4  |





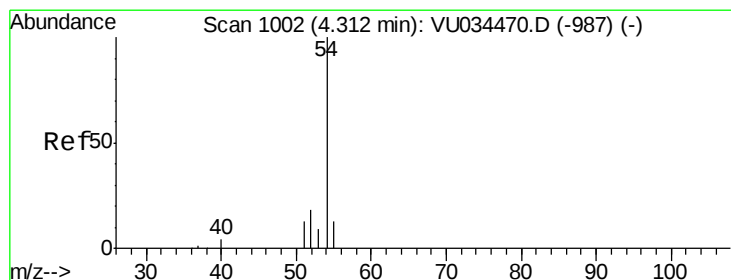
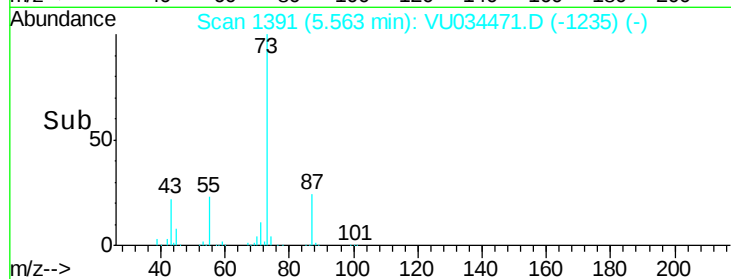
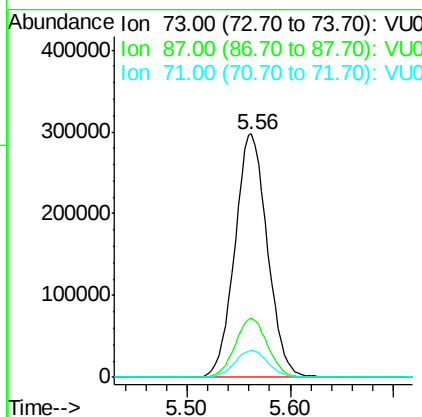
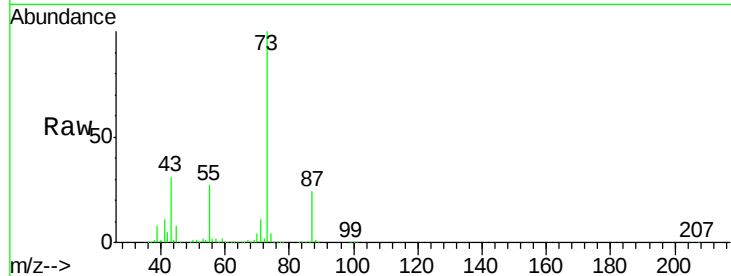
#33  
Tert-Butyl methyl ether  
Concen: 15.852 ug/l  
RT: 5.56 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 87      | 24.4  | 19.4  | 29.0  |
| 71      | 11.5  | 9.3   | 13.9  |

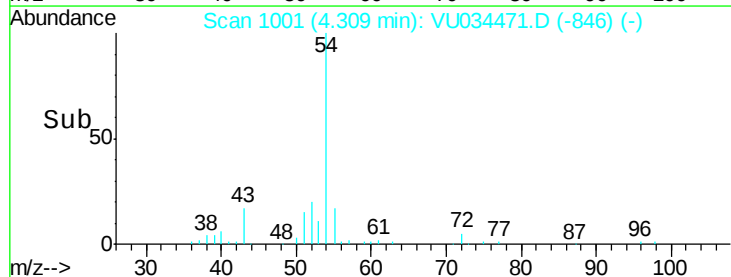
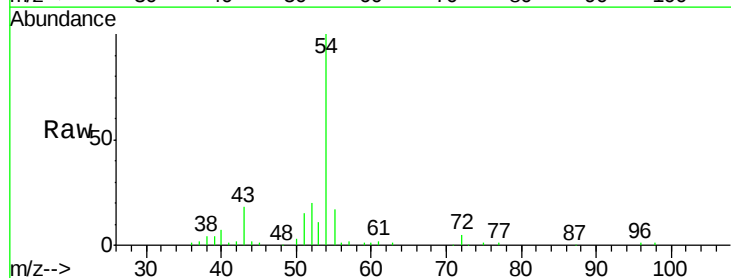
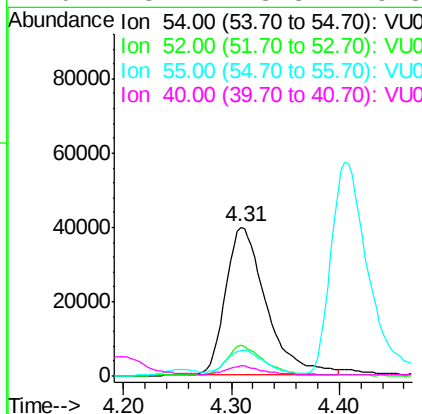
Manual Integrations  
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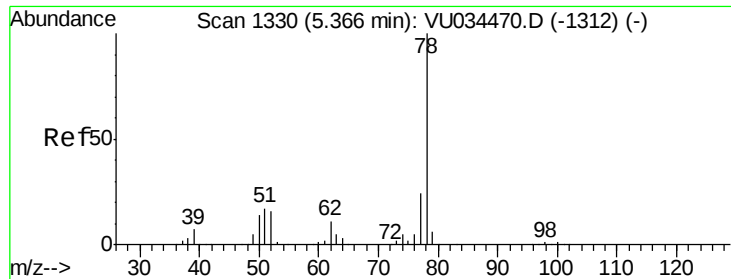
MMDadoda  
9/12/2019 4:53:35 PM



#34  
Propionitrile  
Concen: 69.313 ug/l  
RT: 4.31 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 54      | 100   |       |       |
| 52      | 18.9  | 14.1  | 21.1  |
| 55      | 16.4  | 13.3  | 19.9  |
| 40      | 5.4   | 3.8   | 5.8   |





#35

Benzene

Concen: 15.112 ug/l

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

Tot Ion: 78 Resp: 1212179

Ion Ratio Lower Upper

78 100

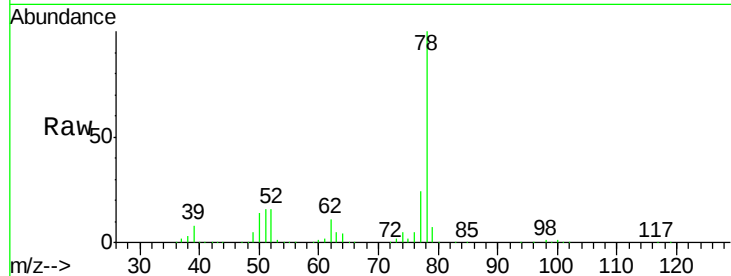
77 23.5 19.3 28.9

Manual Integrations

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9/12/2019 4:53:35 PM



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

5.37

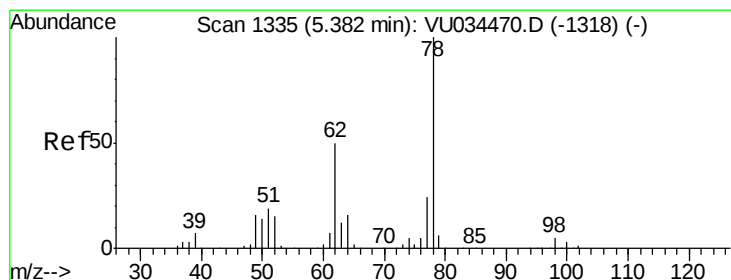
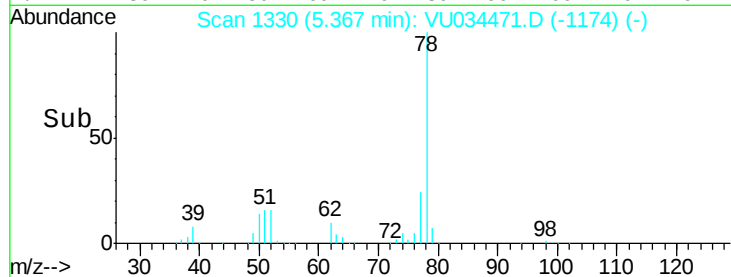
600000

400000

200000

0

Time-->



#36

1,2-Dichloroethane

Concen: 11.663 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU034471.D

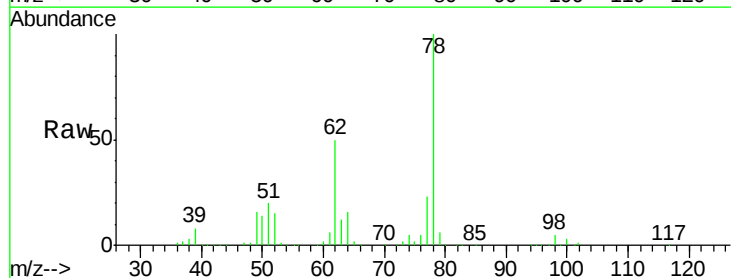
Acq: 11 Sep 2019 12:01

Tgt Ion: 62 Resp: 300161

Ion Ratio Lower Upper

62 100

98 10.1 8.0 12.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.38

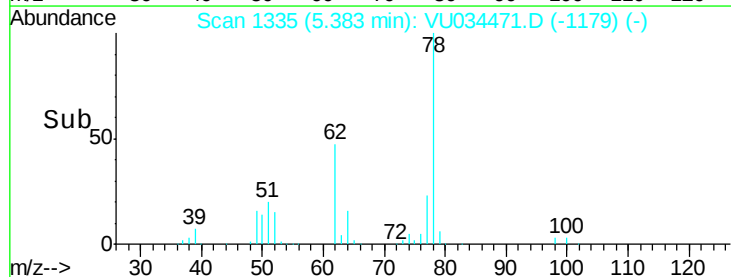
150000

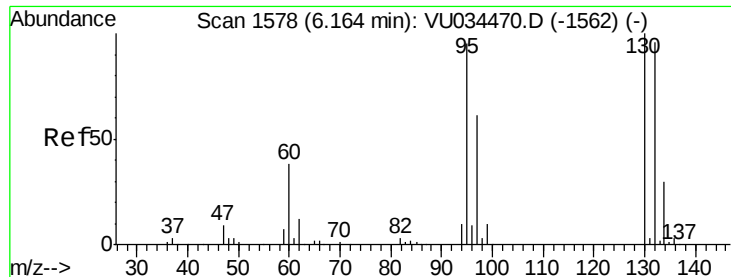
100000

50000

0

Time-->





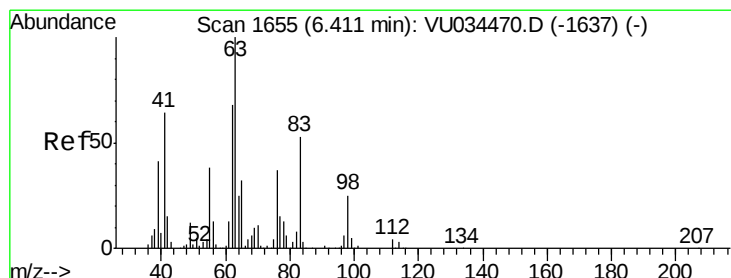
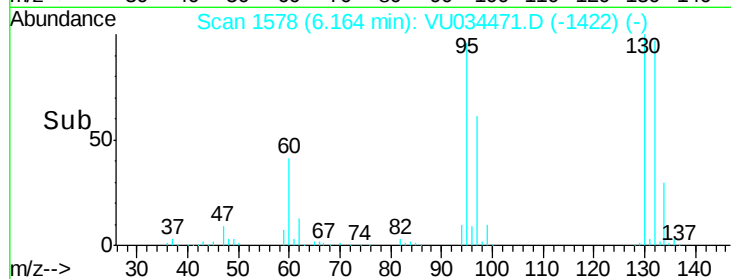
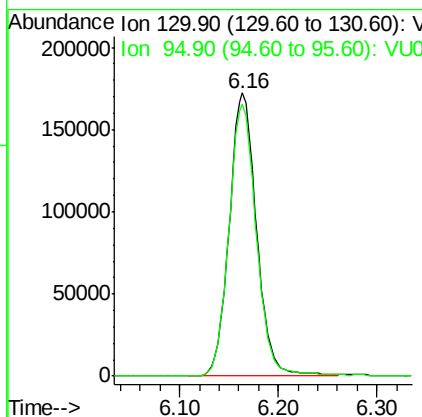
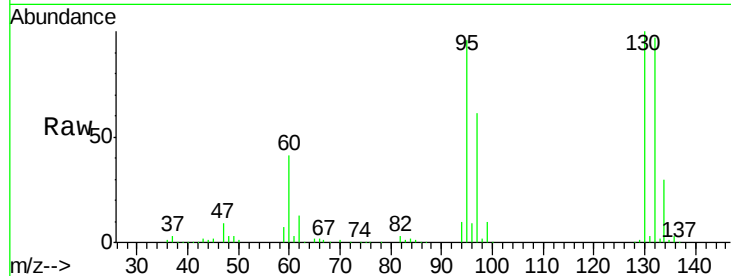
#37  
 Trichloroethene  
 Concen: 15.566 ug/l  
 RT: 6.16 min Scan# 1578  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 130     | 100   | 333198 |       |       |
| 95      | 95.9  | 76.3   | 114.5 |       |

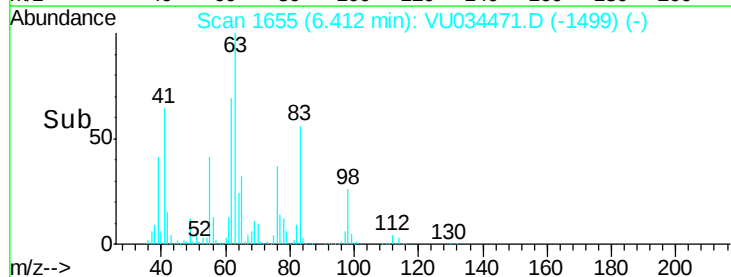
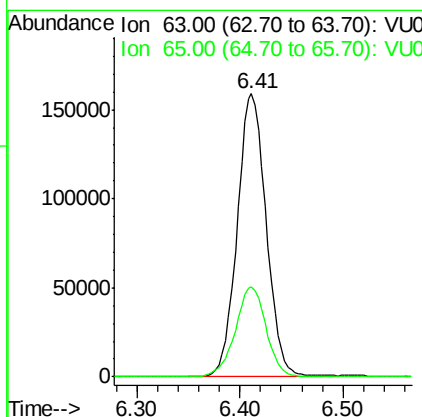
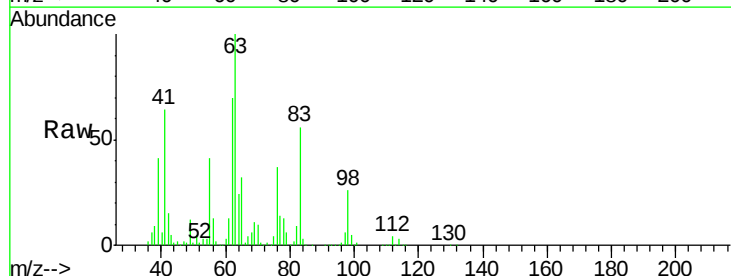
Manual Integrations  
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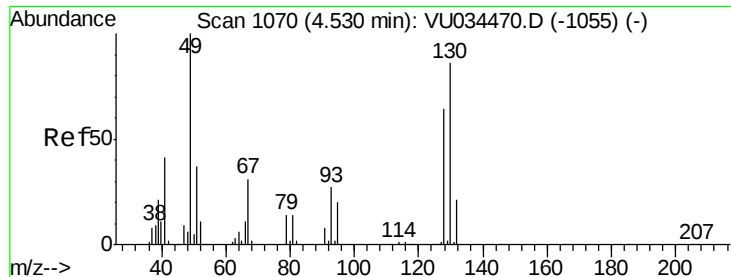
MMDadoda  
 9/12/2019 4:53:35 PM



#38  
 1,2-Dichloropropane  
 Concen: 14.170 ug/l  
 RT: 6.41 min Scan# 1655  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 63      | 100   | 311523 |       |       |
| 65      | 31.8  | 25.4   | 38.2  |       |





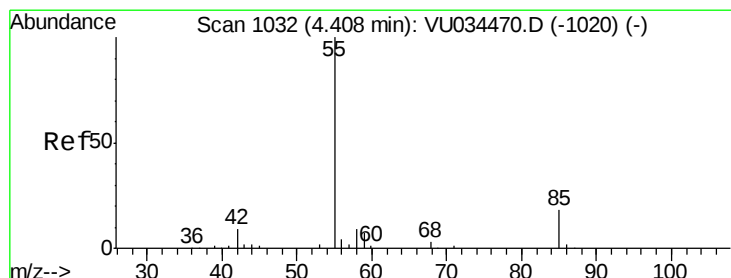
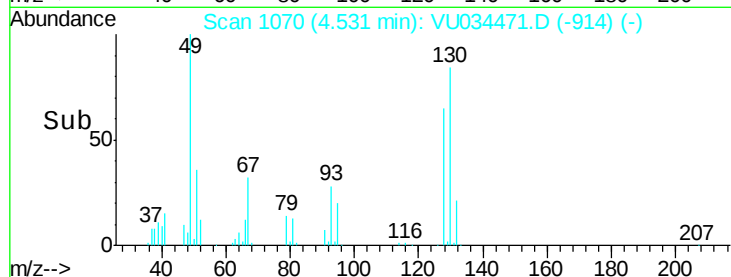
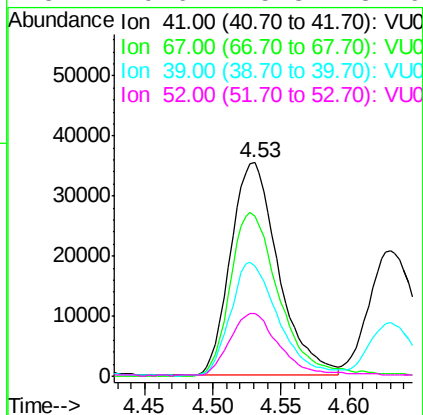
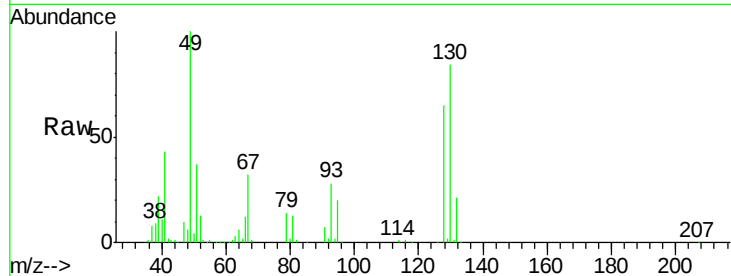
#39  
Methacrylonitrile  
Concen: 14.305 ug/l  
RT: 4.53 min Scan# 1070  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC015

| Tot Ion | 41    | Resp  | 86010 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 67      | 79.9  | 62.6  | 94.0  |
| 39      | 53.4  | 41.6  | 62.4  |
| 52      | 29.6  | 25.3  | 37.9  |

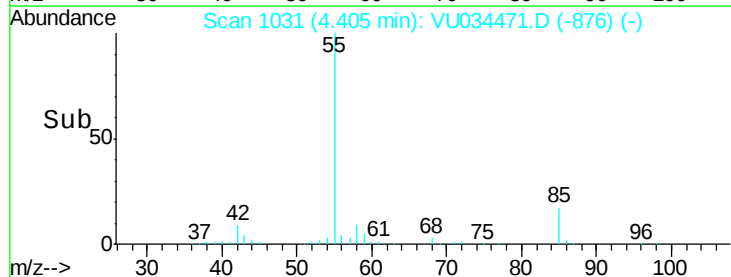
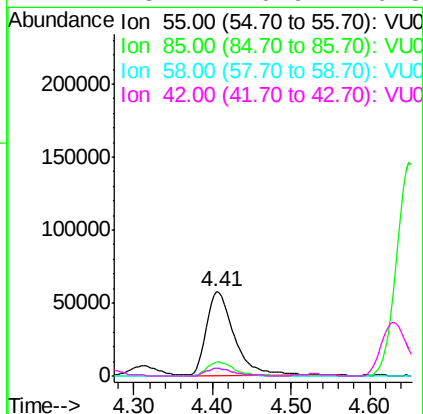
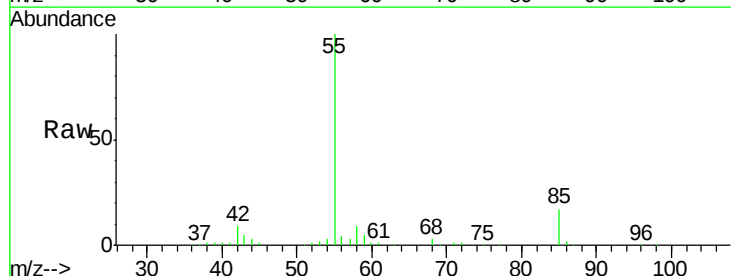
Manual Integrations  
APPROVED

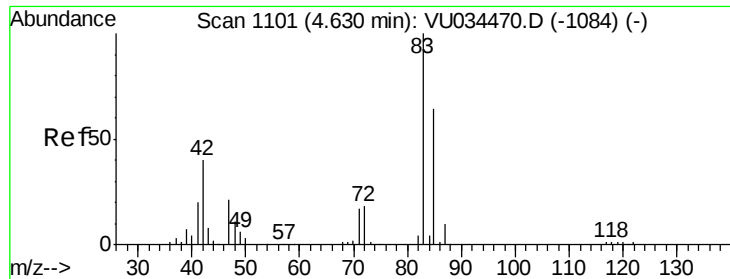
MMDadoda  
9/12/2019 4:53:35 PM



#40  
Methyl acrylate  
Concen: 15.023 ug/l  
RT: 4.41 min Scan# 1031  
Delta R.T. -0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

| Tgt Ion | 55    | Resp  | 140226 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 55      | 100   |       |        |
| 85      | 16.8  | 13.8  | 20.6   |
| 58      | 9.0   | 7.0   | 10.6   |
| 42      | 8.7   | 6.9   | 10.3   |





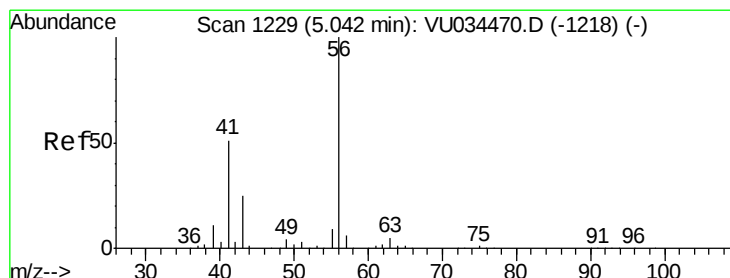
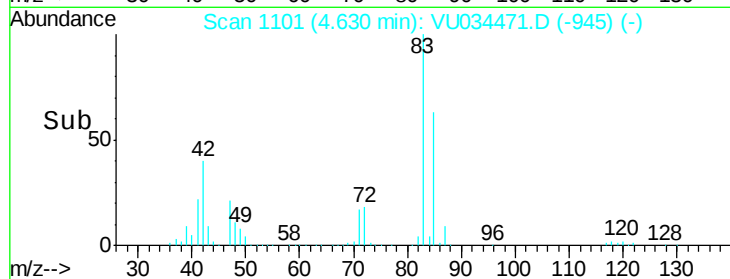
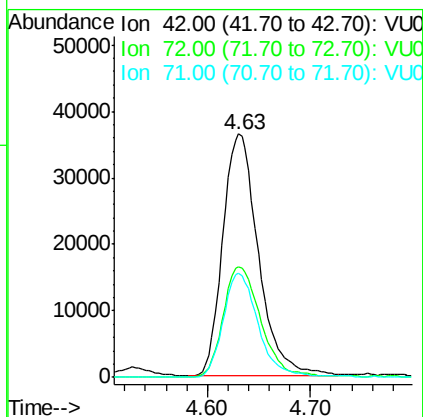
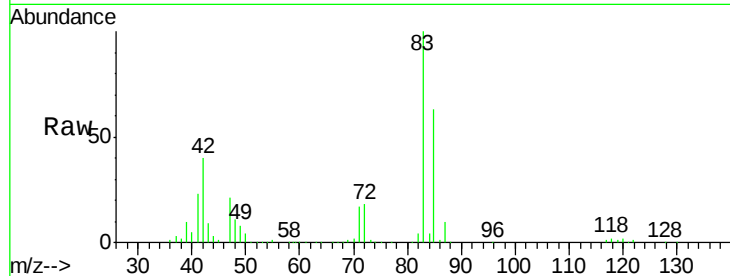
#41  
Tetrahydrofuran  
Concen: 29.281 ug/l  
RT: 4.63 min Scan# 1101  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 48.3  | 39.6  | 59.4  |
| 71      | 42.0  | 33.6  | 50.4  |

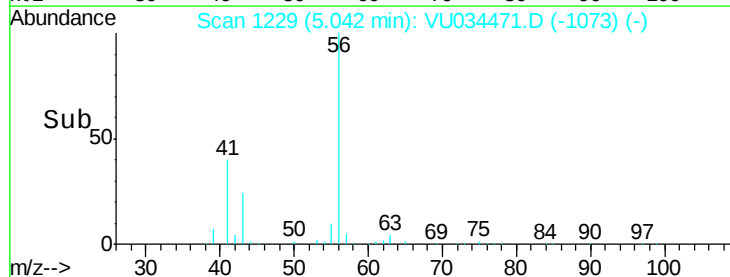
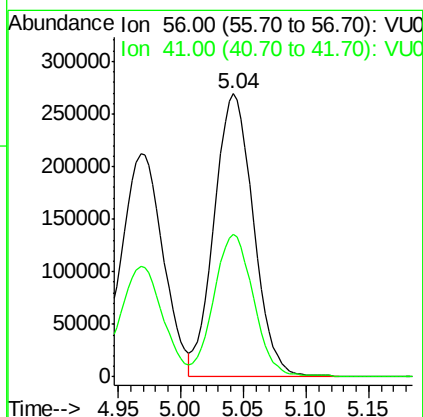
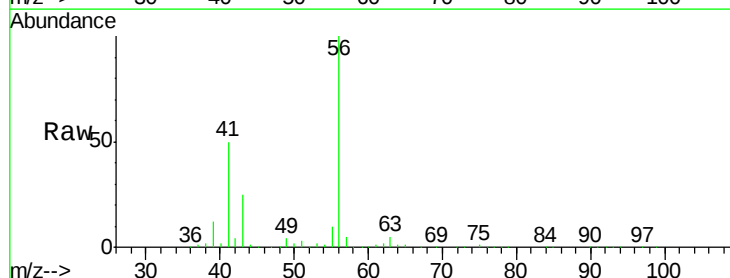
Manual Integrations  
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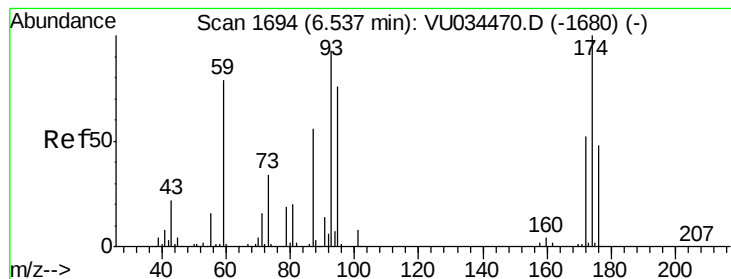
MMDadoda  
9/12/2019 4:53:35 PM



#42  
1-Chlorobutane  
Concen: 15.579 ug/l  
RT: 5.04 min Scan# 1229  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 41      | 51.1  | 25.5  | 76.5  |





#43

Dibromomethane

Concen: 12.163 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

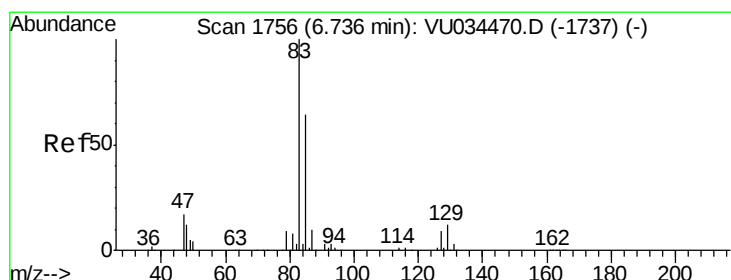
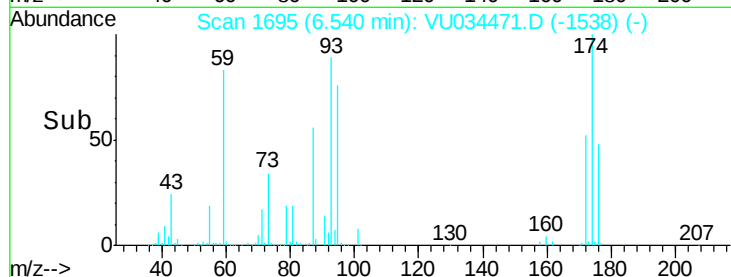
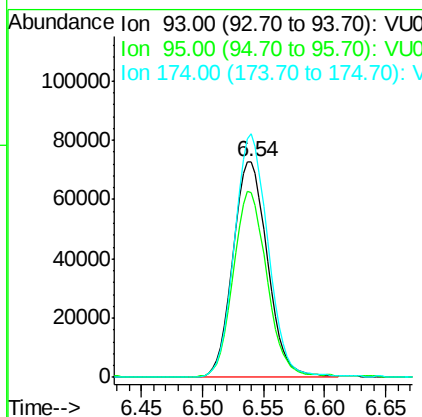
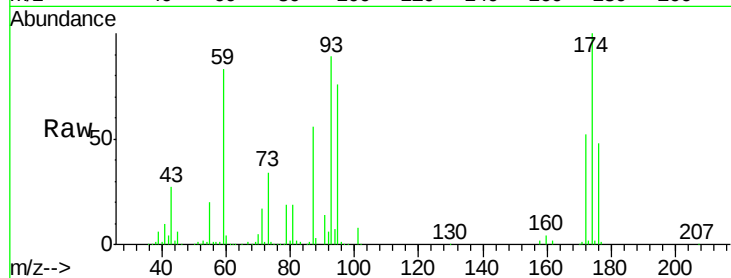
ClientSampleId :

VSTDIC015

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 143810 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 83.8  | 67.1  | 100.7  |
| 174      | 109.7 | 88.7  | 133.1  |

Manual Integrations  
APPROVED

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9/12/2019 4:53:35 PM



#44

Bromodichloromethane

Concen: 13.004 ug/l

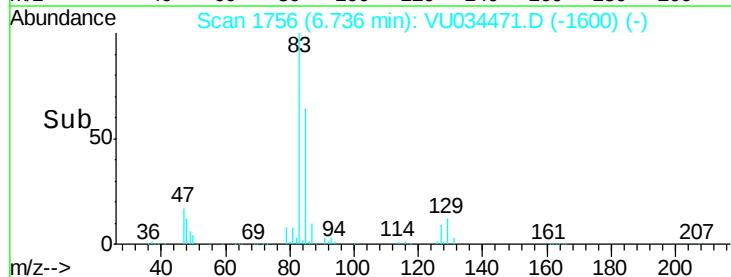
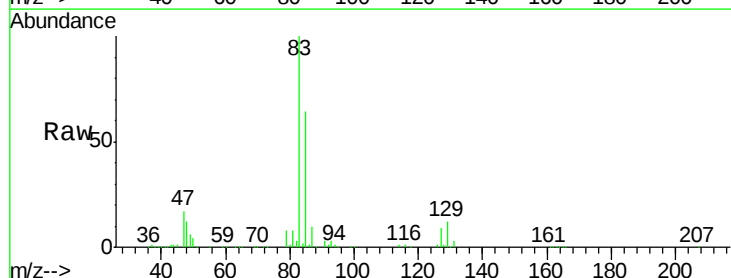
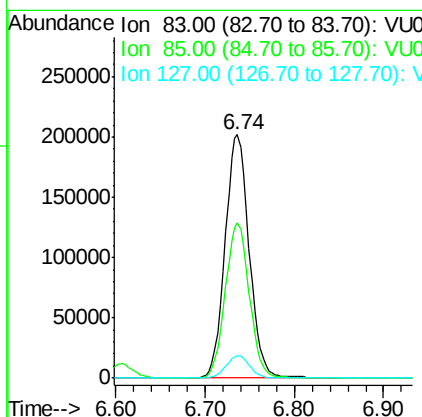
RT: 6.74 min Scan# 1756

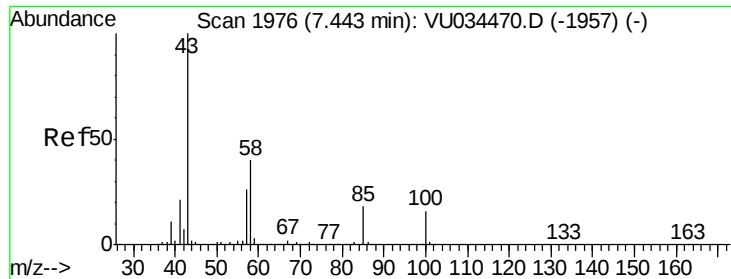
Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 376377 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.7  | 51.1  | 76.7   |
| 127      | 9.1   | 7.1   | 10.7   |





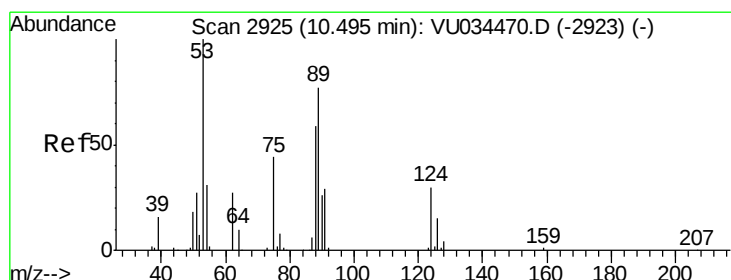
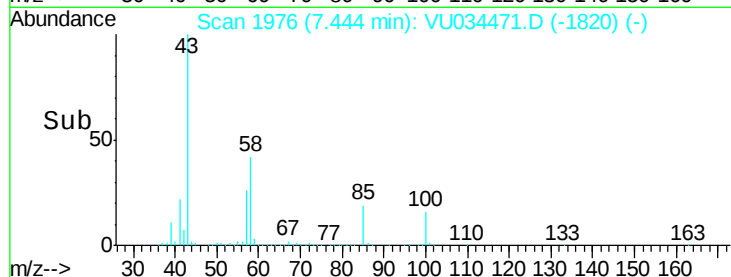
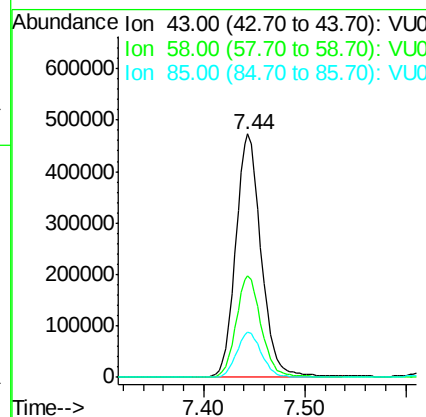
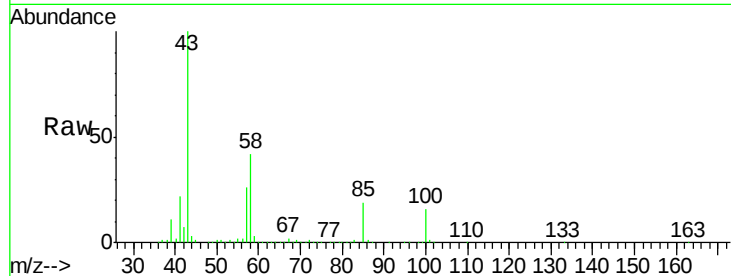
#45  
4-Methyl-2-Pentanone  
Concen: 68.926 ug/l  
RT: 7.44 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 41.5  | 20.2  | 60.6  |
| 85      | 18.4  | 14.6  | 21.8  |

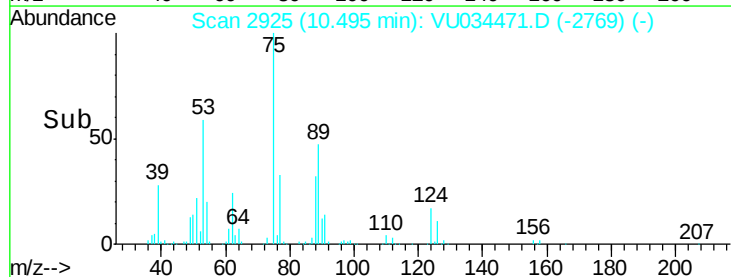
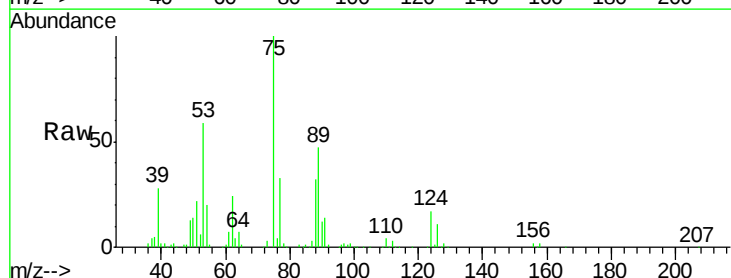
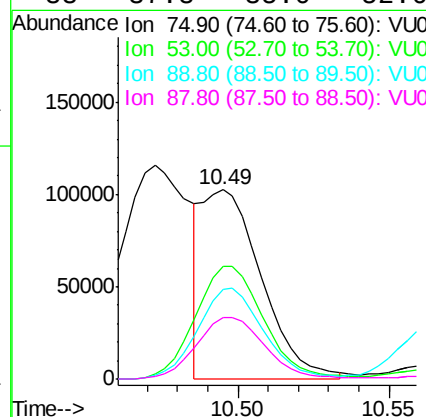
Manual Integrations  
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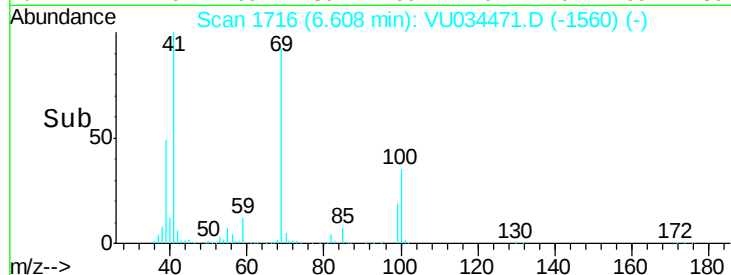
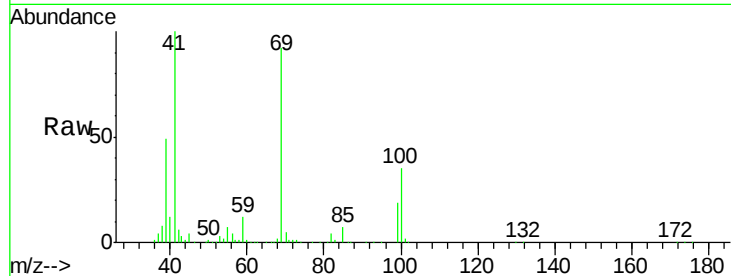
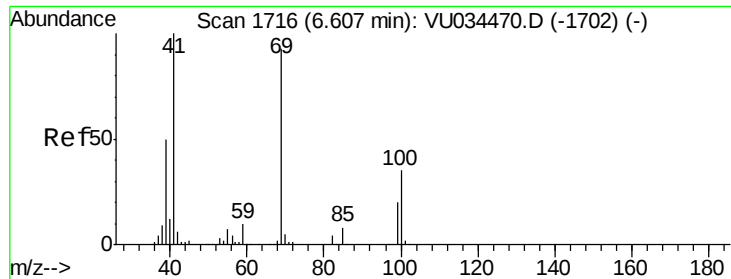
MMDadoda  
9/12/2019 4:53:35 PM



#46  
t-1,4-Dichloro-2-butene  
Concen: 29.394 ug/l m  
RT: 10.49 min Scan# 2925  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 69.3  | 63.3  | 94.9  |
| 89      | 53.8  | 46.2  | 69.2  |
| 88      | 37.8  | 35.0  | 52.6  |





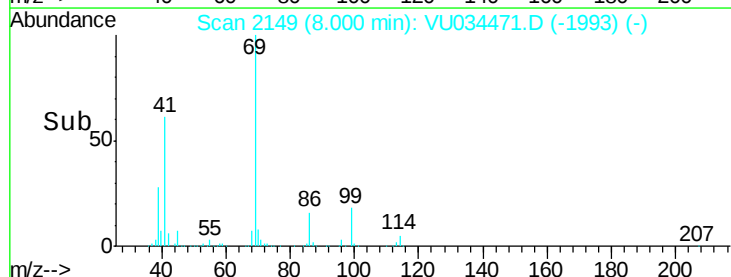
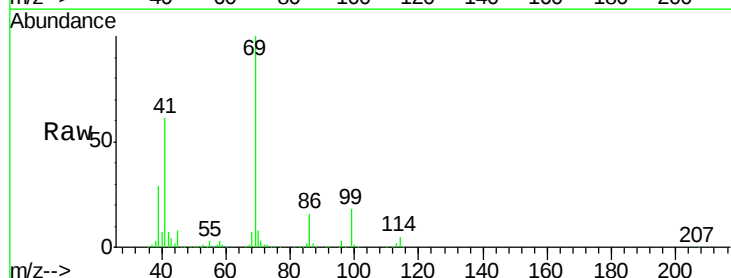
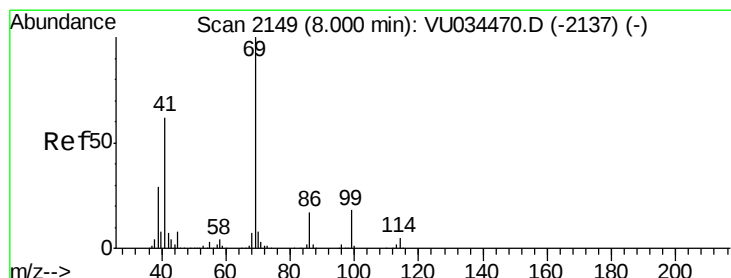
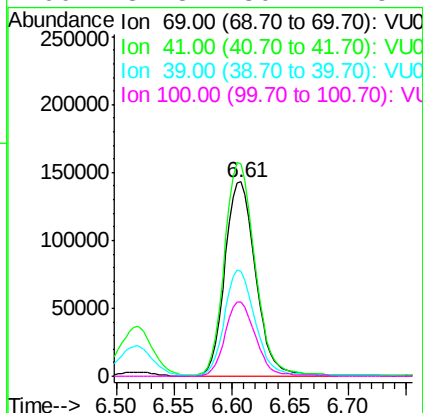
#47  
Methyl methacrylate  
Concen: 29.183 ug/l  
RT: 6.61 min Scan# 1716  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 69      | 100   |       |       |       |       |
| 41      | 108.3 | 0.0   | 212.8 |       |       |
| 39      | 53.6  | 43.0  | 64.4  |       |       |
| 100     | 37.8  | 30.1  | 45.1  |       |       |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

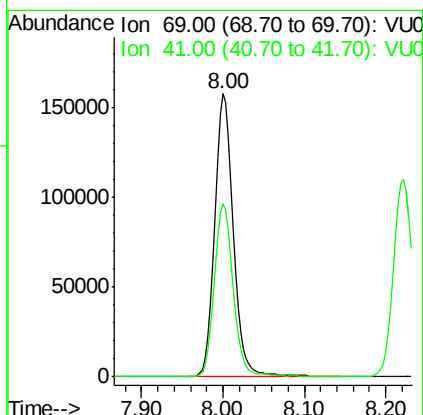
Manual Integrations  
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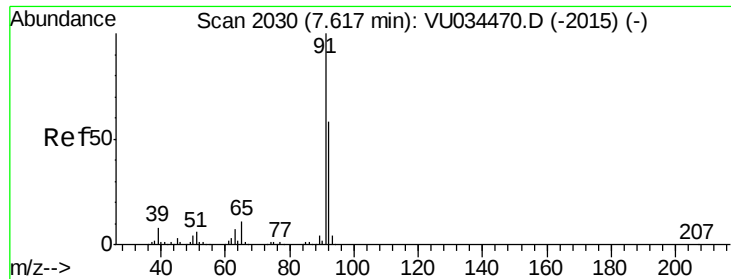
MMDadoda  
9/12/2019 4:53:35 PM



#48  
Ethyl methacrylate  
Concen: 16.073 ug/l  
RT: 8.00 min Scan# 2149  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 69      | 100  |       |      |       |       |
| 41      | 61.4 | 30.6  | 91.8 |       |       |





#49

Toluene

Concen: 16.607 ug/l

RT: 7.61 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

Tot Ion: 92 Resp: 763003

Ion Ratio Lower Upper

92 100

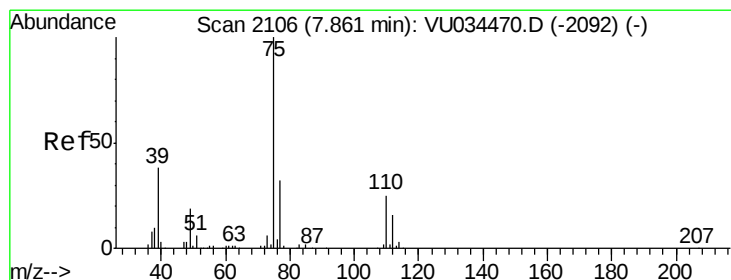
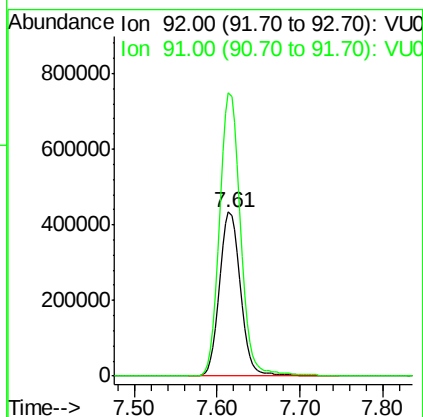
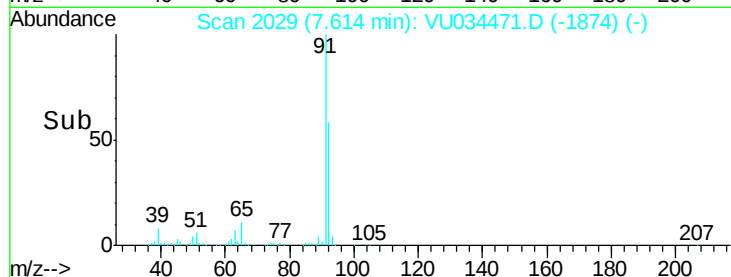
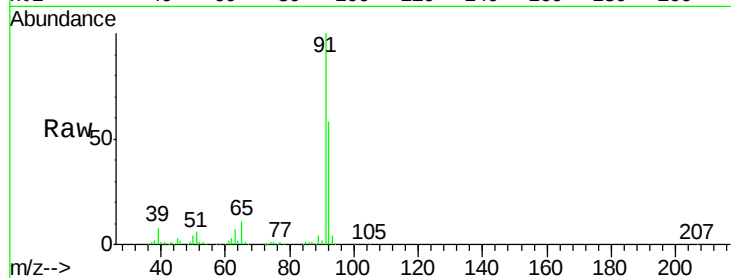
91 172.1 138.6 208.0

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 14.144 ug/l

RT: 7.86 min Scan# 2105

Delta R.T. -0.00 min

Lab File: VU034471.D

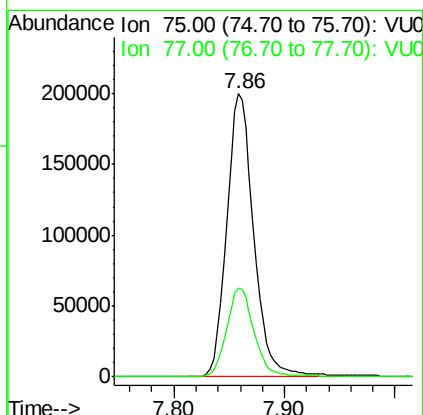
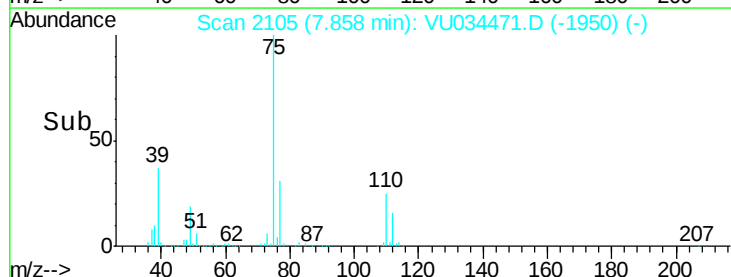
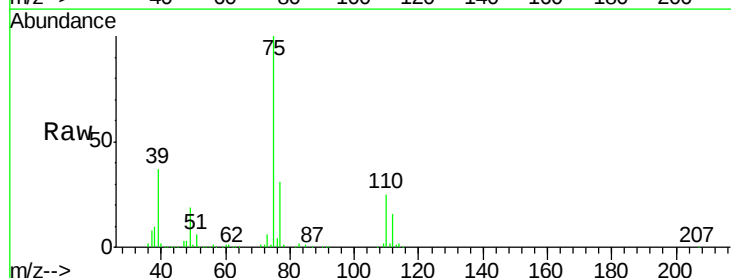
Acq: 11 Sep 2019 12:01

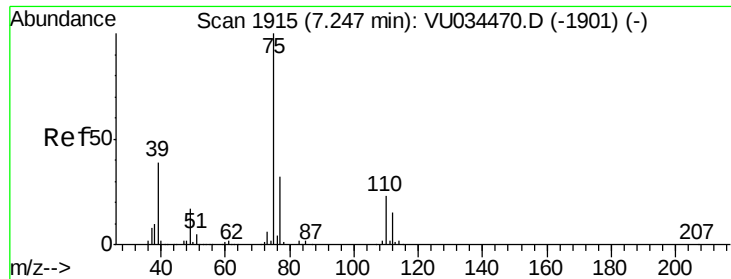
Tgt Ion: 75 Resp: 339119

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0





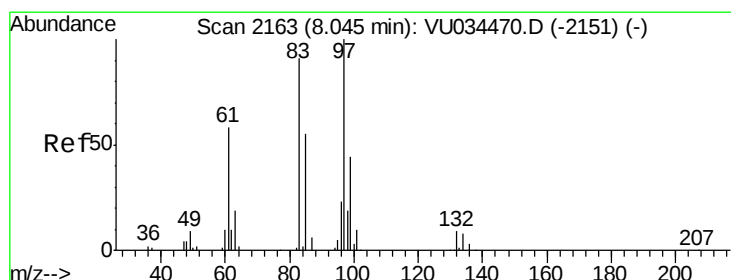
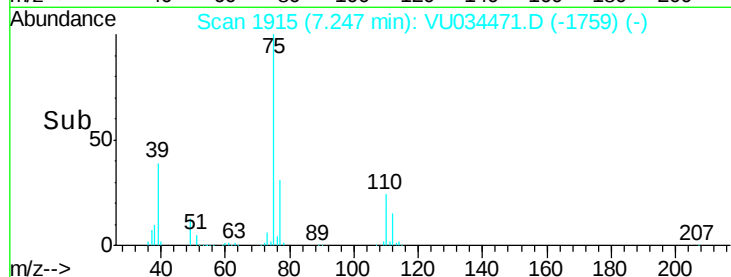
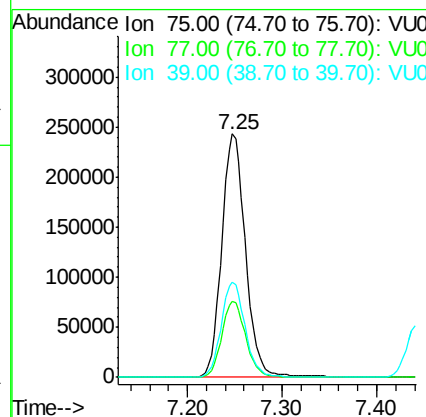
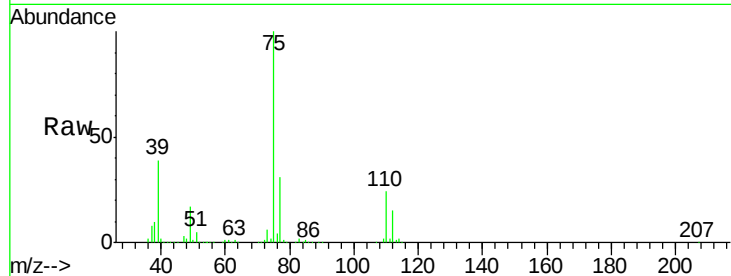
#51  
 cis-1,3-Dichloropropene  
 Concen: 14.792 ug/l  
 RT: 7.25 min Scan# 1915  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.4  | 25.3  | 37.9  |
| 39      | 39.3  | 31.0  | 46.4  |

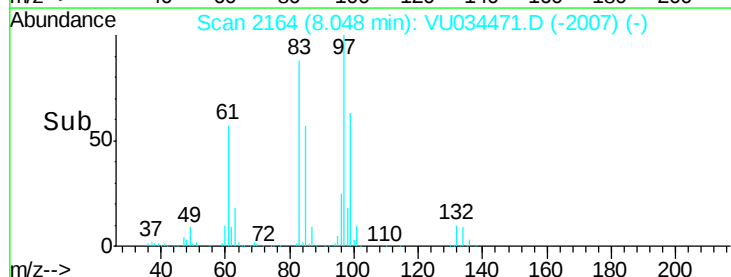
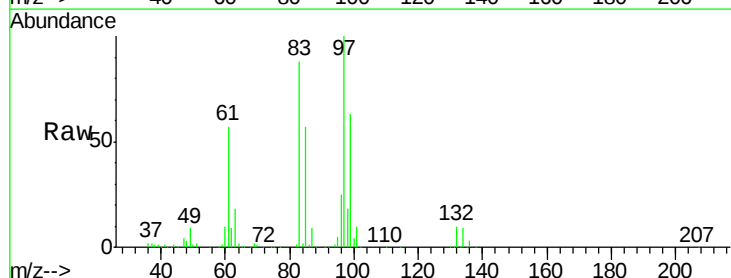
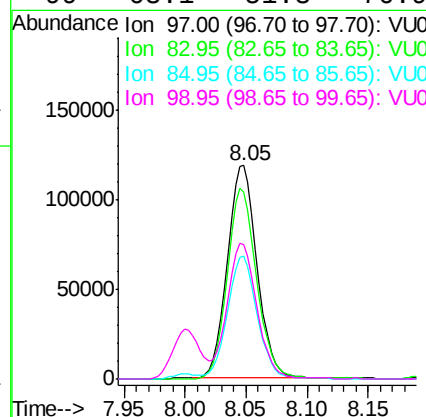
Manual Integrations  
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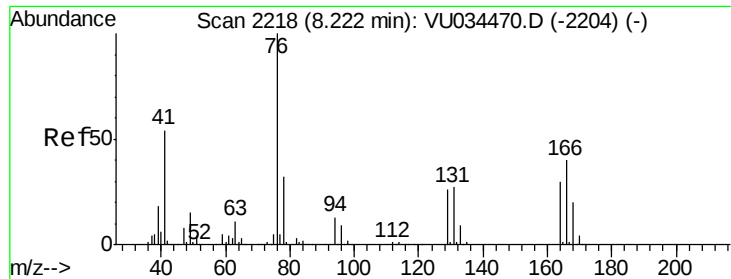
MMDadoda  
 9/12/2019 4:53:35 PM



#52  
 1,1,2-Trichloroethane  
 Concen: 12.776 ug/l  
 RT: 8.05 min Scan# 2164  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 87.9  | 72.5  | 108.7 |
| 85      | 57.4  | 45.4  | 68.0  |
| 99      | 63.1  | 51.3  | 76.9  |





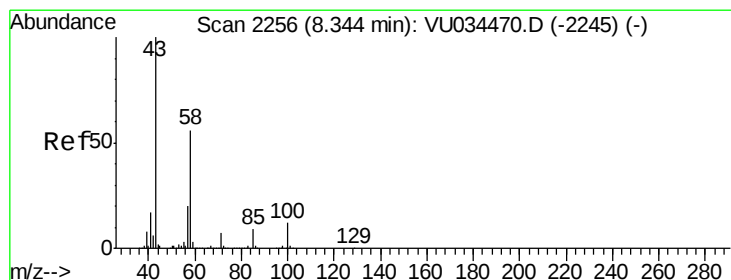
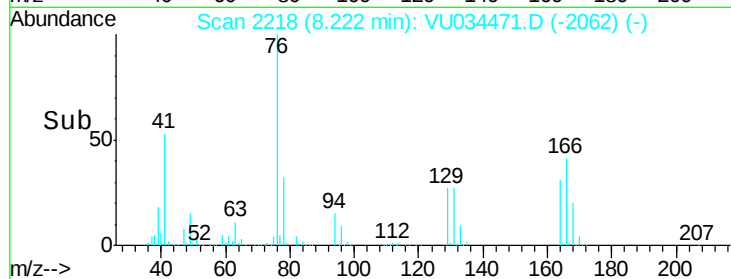
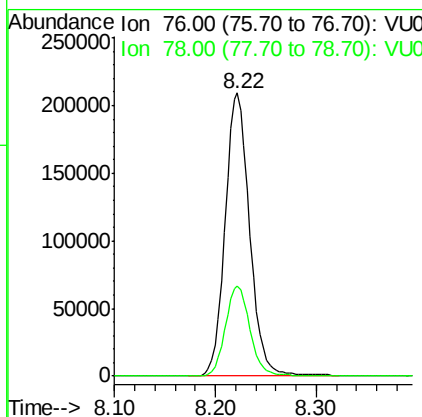
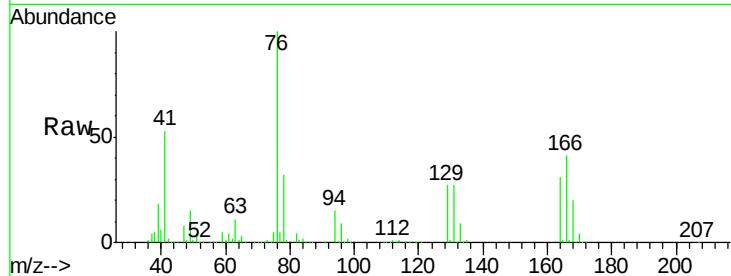
#53  
 1,3-Dichloropropane  
 Concen: 13.237 ug/l  
 RT: 8.22 min Scan# 2218  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.9  | 26.1  | 39.1  |

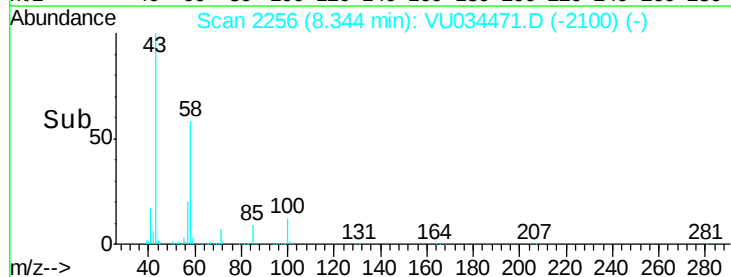
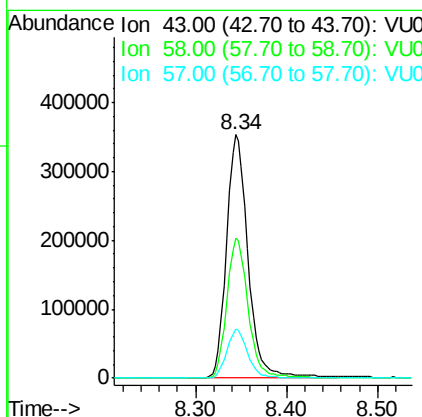
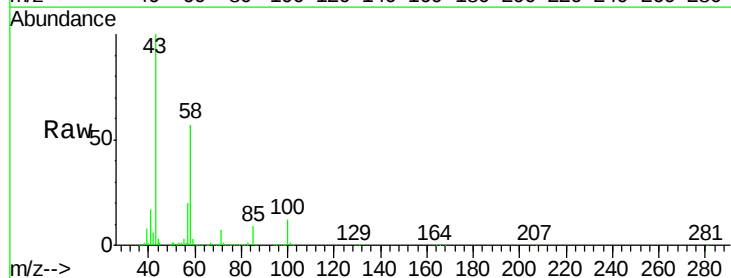
Manual Integrations  
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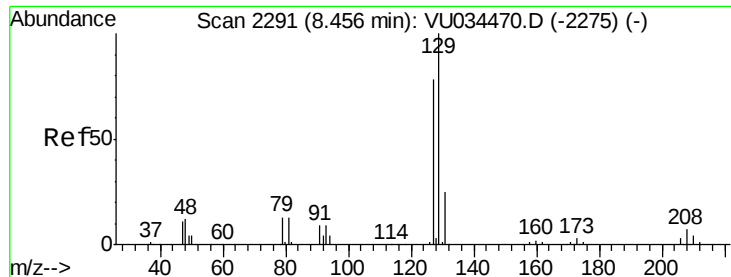
MMDadoda  
 9/12/2019 4:53:35 PM



#54  
 2-Hexanone  
 Concen: 68.808 ug/l  
 RT: 8.34 min Scan# 2256  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 57.4  | 36.4  | 76.4  |
| 57      | 19.5  | 0.0   | 39.5  |





#55

Dibromochloromethane

Concen: 13.596 ug/l

RT: 8.46 min Scan# 2291

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

Tot Ion:129 Resp: 254232

Ion Ratio Lower Upper

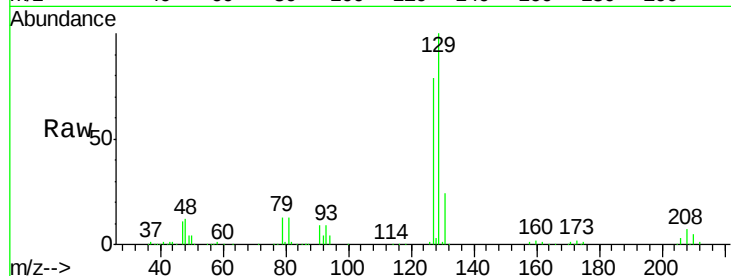
129 100

127 78.9 60.9 91.3

Manual Integrations  
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MMDadoda

9/12/2019 4:53:35 PM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.46

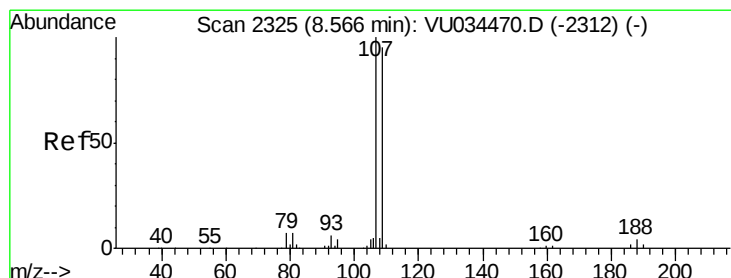
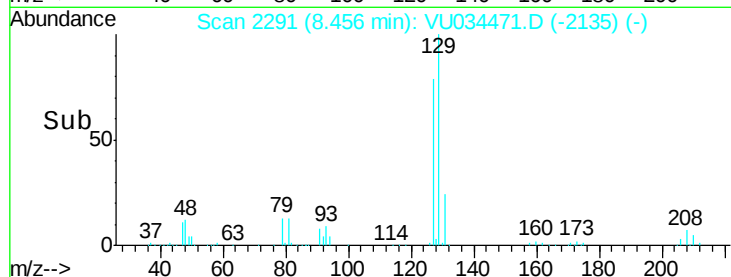
150000

100000

50000

0

Time--> 8.35 8.40 8.45 8.50 8.55



#56

1,2-Dibromoethane

Concen: 12.905 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034471.D

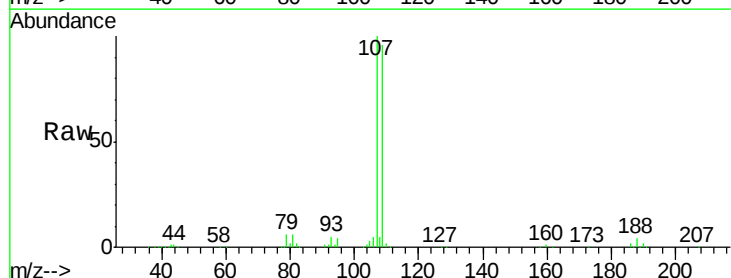
Acq: 11 Sep 2019 12:01

Tgt Ion:107 Resp: 190597

Ion Ratio Lower Upper

107 100

109 94.8 0.0 190.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.57

120000

100000

80000

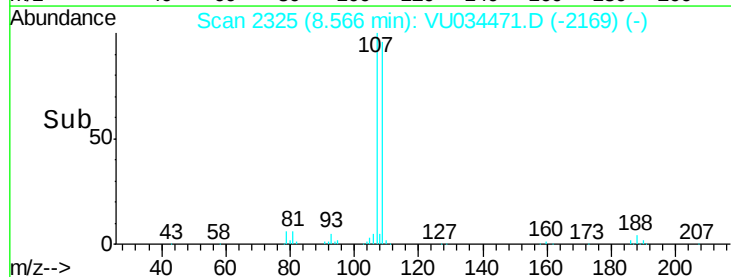
60000

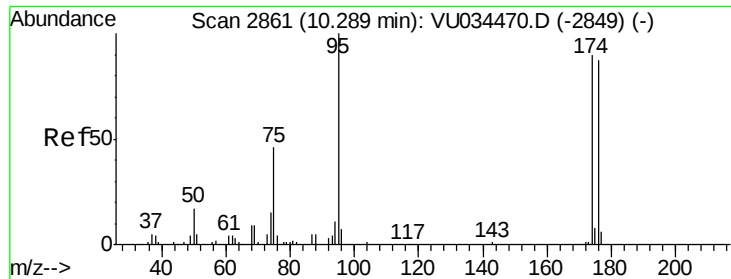
40000

20000

0

Time--> 8.50 8.55 8.60 8.65 8.70





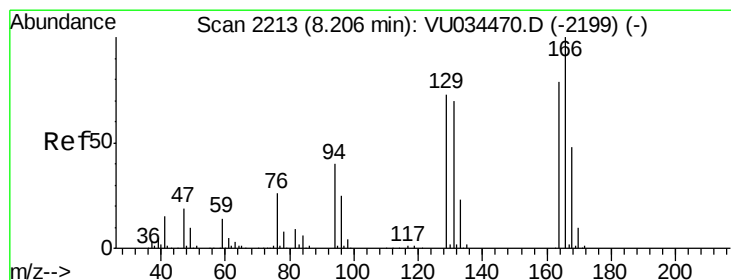
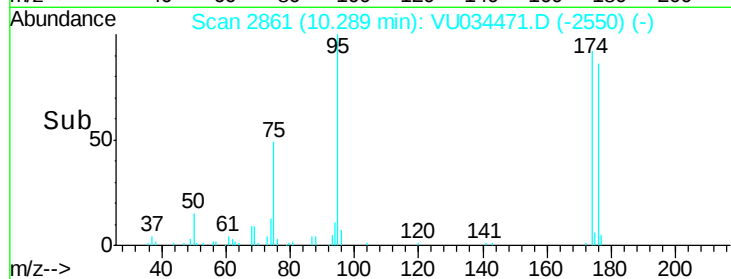
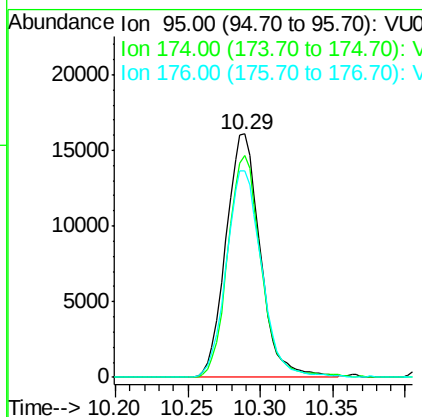
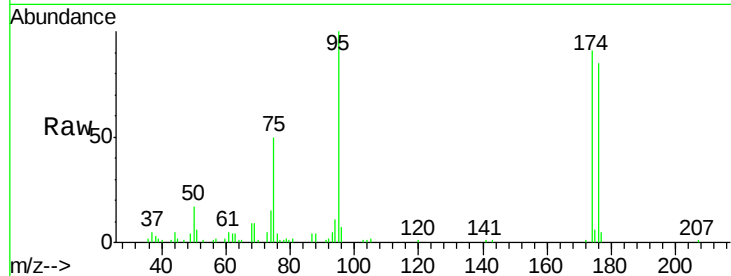
#57  
4-Bromofluorobenzene  
Concen: 1.017 ug/l  
RT: 10.29 min Scan# 2861  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 88.3  | 70.1  | 105.1 |
| 176     | 87.1  | 67.7  | 101.5 |

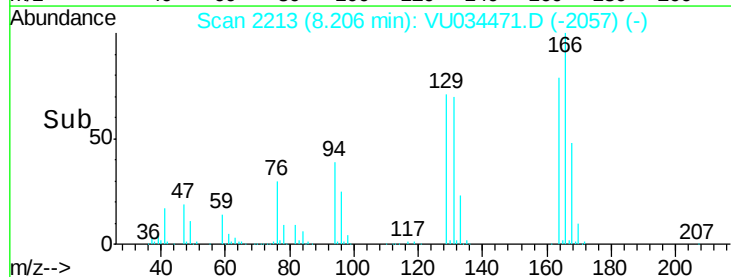
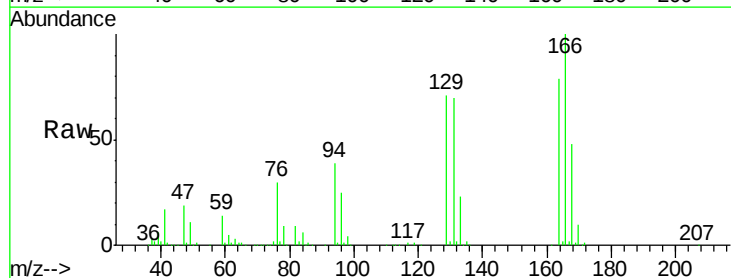
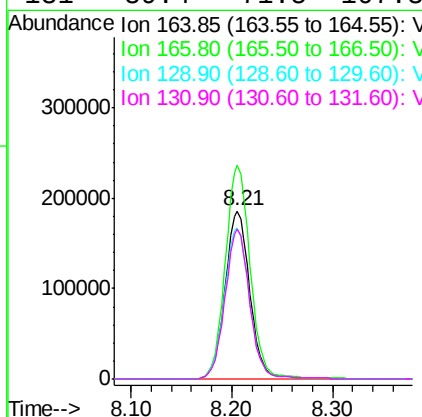
Manual Integrations  
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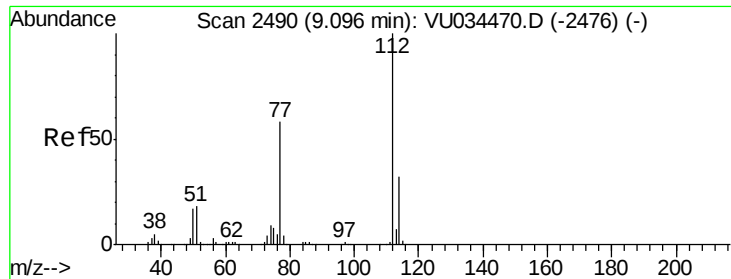
MMDadoda  
9/12/2019 4:53:35 PM



#58  
Tetrachloroethene  
Concen: 16.346 ug/l  
RT: 8.21 min Scan# 2213  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.3 | 101.5 | 152.3 |
| 129     | 90.2  | 73.8  | 110.8 |
| 131     | 89.4  | 71.5  | 107.3 |





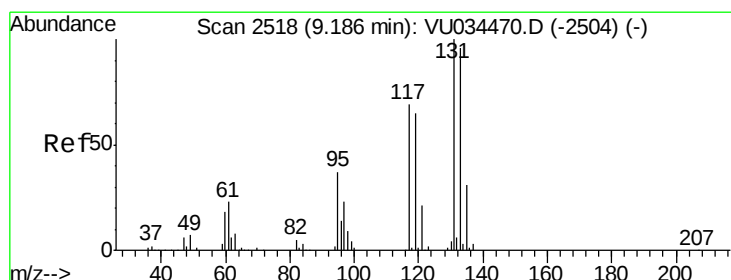
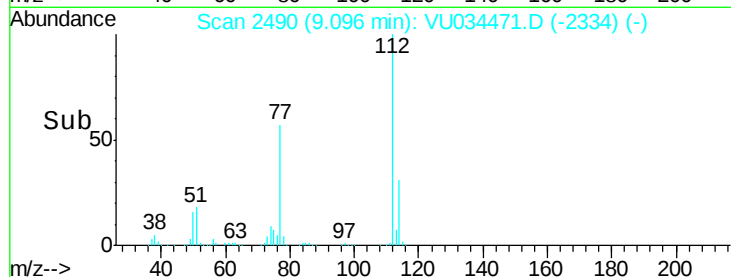
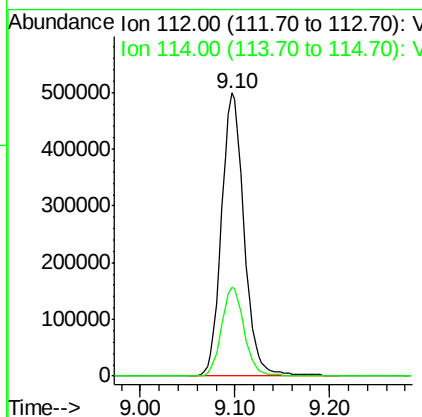
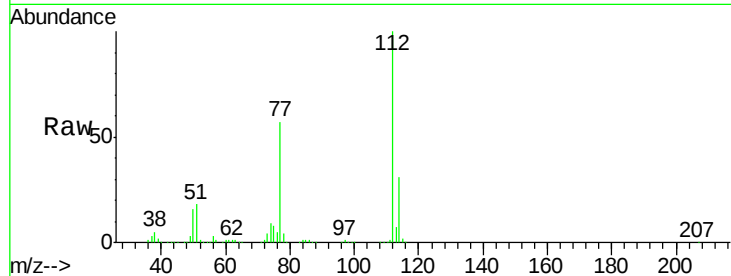
#59  
Chlorobenzene  
Concen: 15.828 ug/l  
RT: 9.10 min Scan# 2490  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

Tot Ion:112 Resp: 831355  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.6 38.4

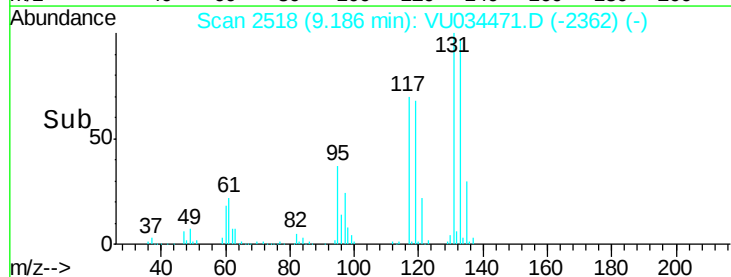
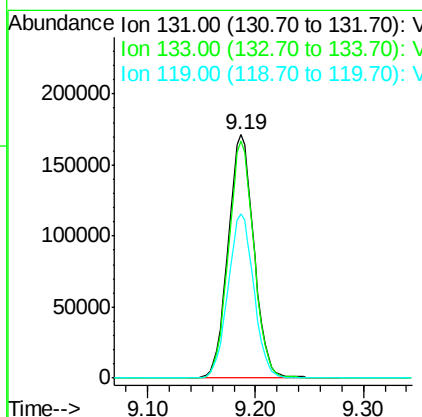
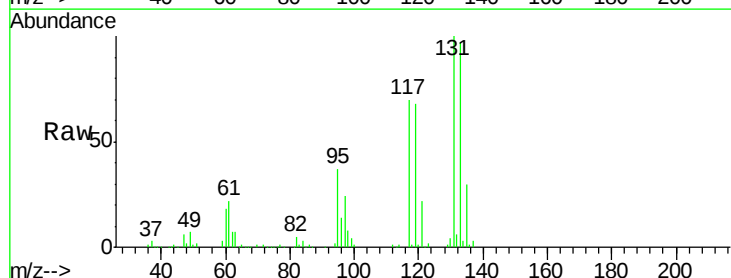
Manual Integrations  
APPROVED

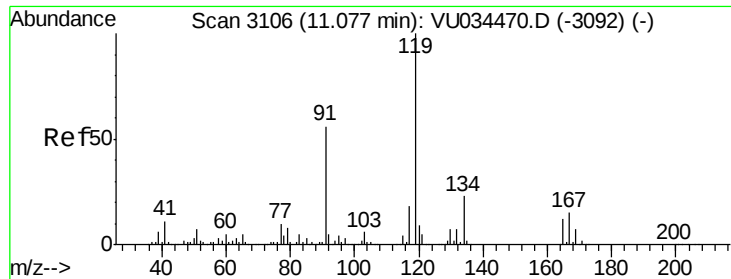
MMDadoda  
9/12/2019 4:53:35 PM



#60  
1,1,1,2-Tetrachloroethane  
Concen: 14.313 ug/l  
RT: 9.19 min Scan# 2518  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

Tgt Ion:131 Resp: 285218  
Ion Ratio Lower Upper  
131 100  
133 95.6 76.8 115.2  
119 67.3 52.4 78.6





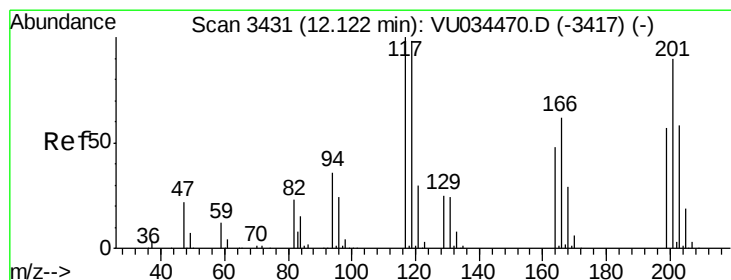
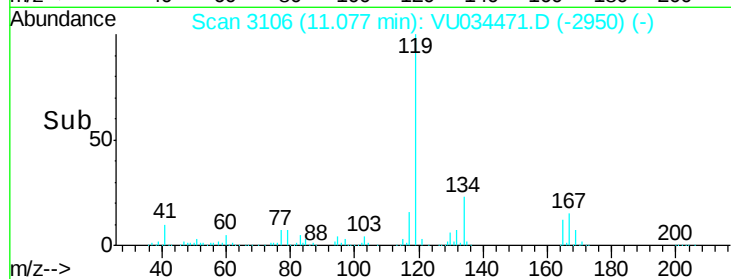
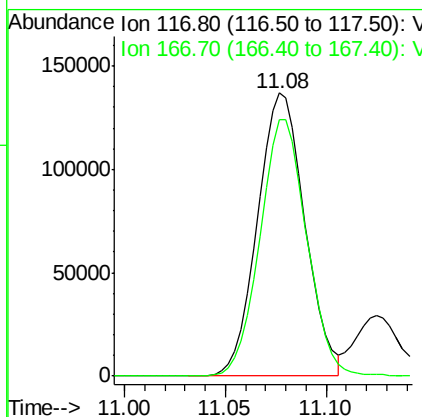
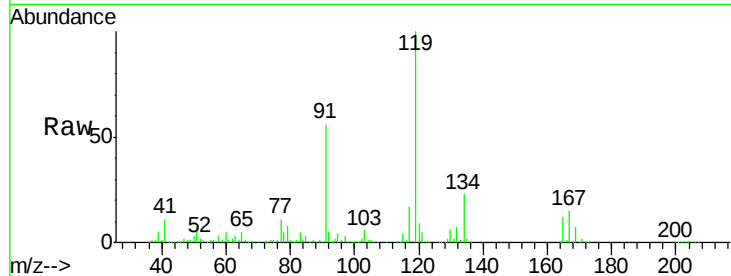
#61  
 Pentachloroethane  
 Concen: 13.745 ug/l  
 RT: 11.08 min Scan# 3106  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

Tot Ion:117 Resp: 223696  
 Ion Ratio Lower Upper  
 117 100  
 167 89.8 70.7 106.1

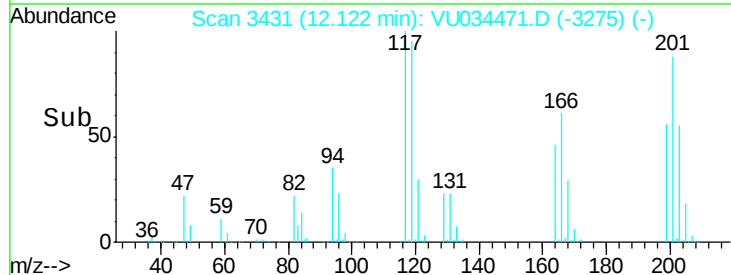
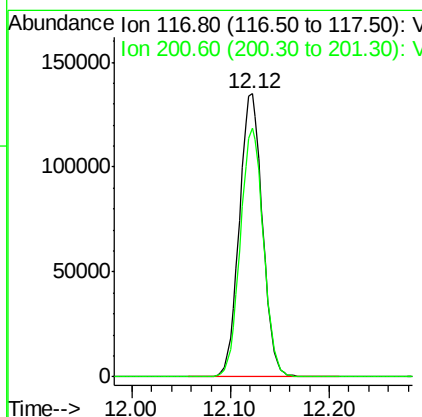
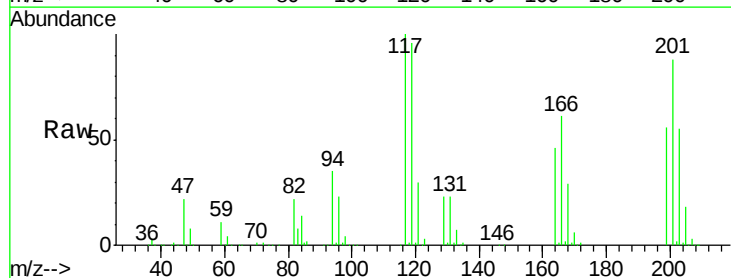
Manual Integrations  
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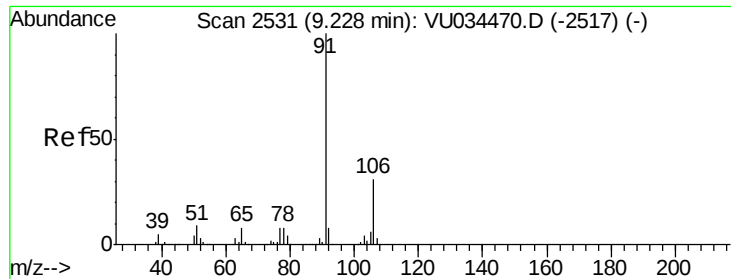
MMDadoda  
 9/12/2019 4:53:35 PM



#62  
 Hexachloroethane  
 Concen: 14.100 ug/l  
 RT: 12.12 min Scan# 3431  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

Tgt Ion:117 Resp: 218920  
 Ion Ratio Lower Upper  
 117 100  
 201 87.6 71.8 107.8





#63

Ethyl Benzene

Concen: 17.119 ug/l

RT: 9.23 min Scan# 2531

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

Tot Ion: 91 Resp: 1445077

Ion Ratio Lower Upper

91 100

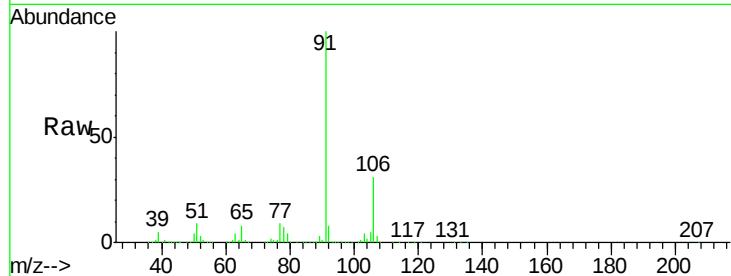
106 31.3 25.2 37.8

Manual Integrations

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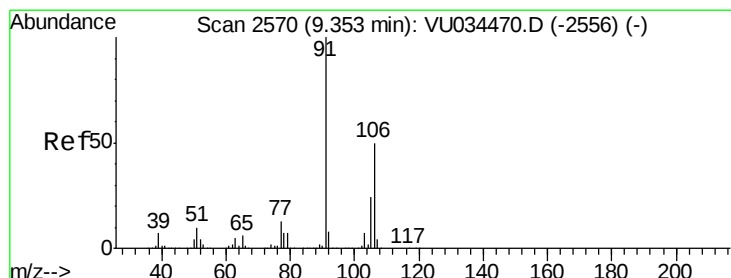
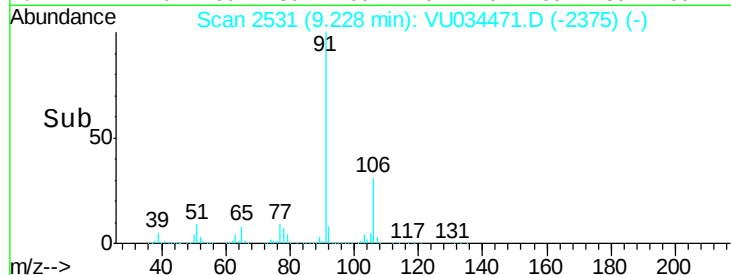
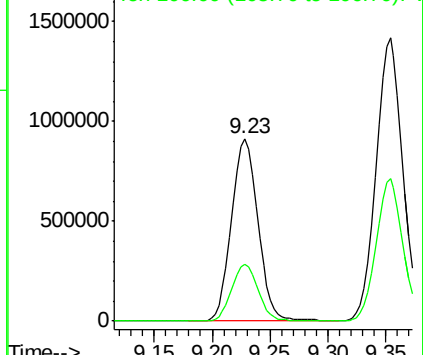
MMDadoda

9/12/2019 4:53:35 PM



Abundance Ion 91.00 (90.70 to 91.70): VU034471.D (-2375) (-)

Ion 106.00 (105.70 to 106.70): VU034471.D (-2375) (-)



#64

m/p-Xylenes

Concen: 34.038 ug/l

RT: 9.35 min Scan# 2570

Delta R.T. 0.00 min

Lab File: VU034471.D

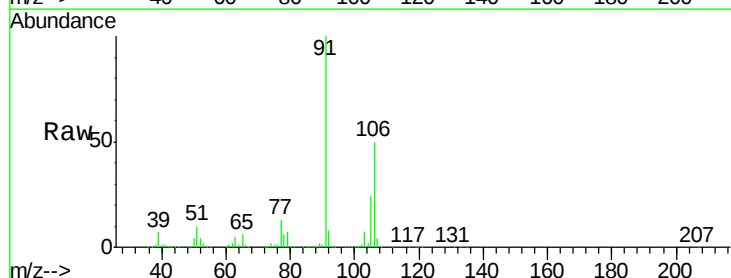
Acq: 11 Sep 2019 12:01

Tgt Ion: 106 Resp: 1151568

Ion Ratio Lower Upper

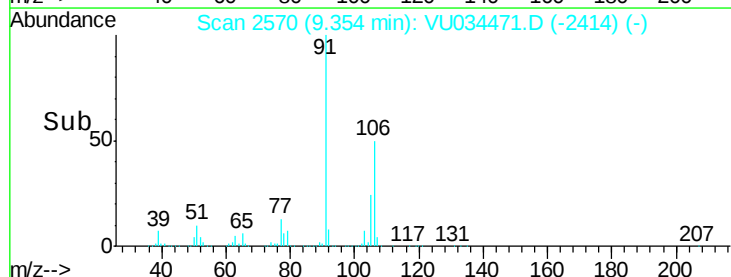
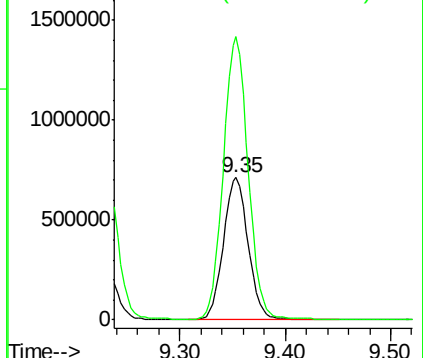
106 100

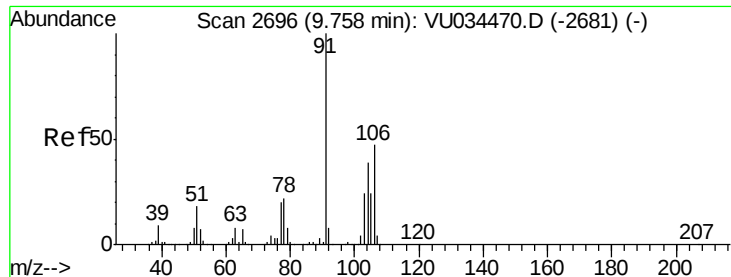
91 199.7 161.8 242.6



Abundance Ion 106.00 (105.70 to 106.70): VU034471.D (-2414) (-)

Ion 91.00 (90.70 to 91.70): VU034471.D (-2414) (-)





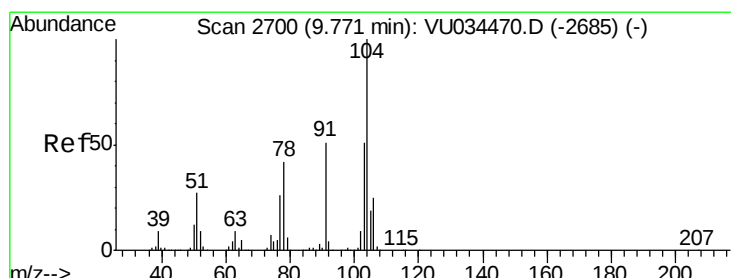
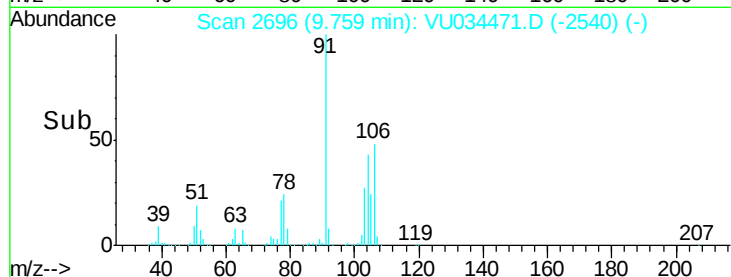
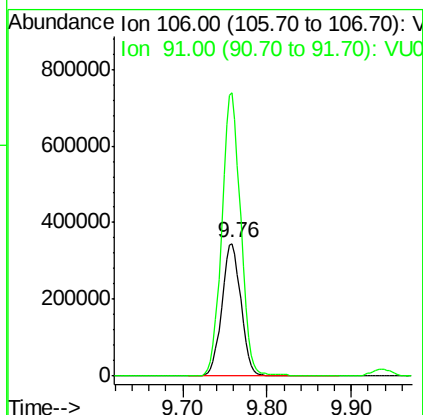
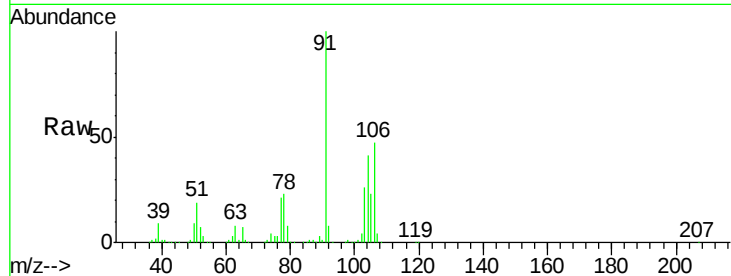
#65  
o-Xylene  
Concen: 16.819 ug/l  
RT: 9.76 min Scan# 2696  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 211.3 | 104.7 | 313.9 |

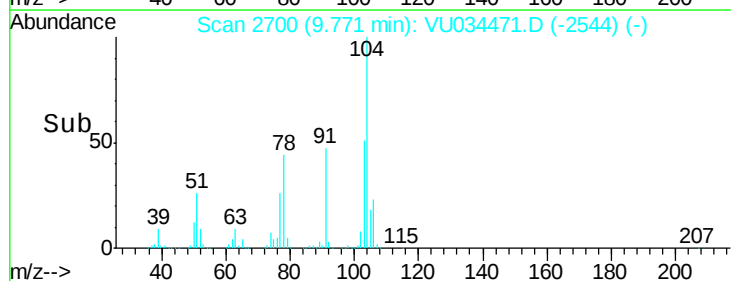
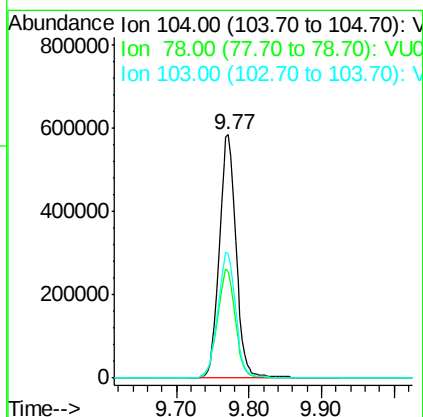
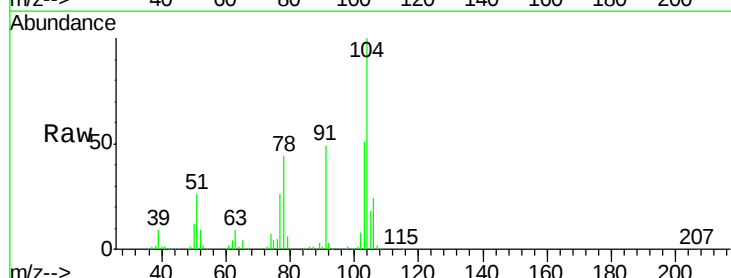
Manual Integrations  
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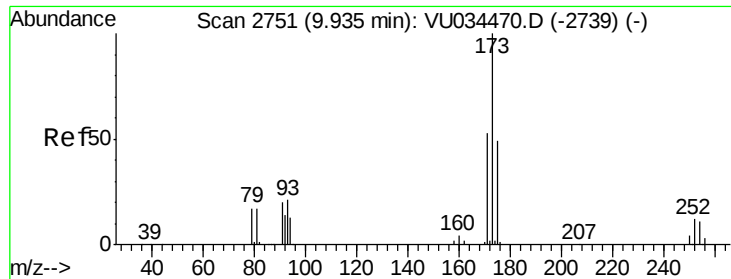
MMDadoda  
9/12/2019 4:53:35 PM



#66  
Styrene  
Concen: 17.169 ug/l  
RT: 9.77 min Scan# 2700  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 47.5  | 37.8  | 56.6  |
| 103     | 54.9  | 43.8  | 65.8  |





#67

Bromoform

Concen: 14.690 ug/l

RT: 9.94 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

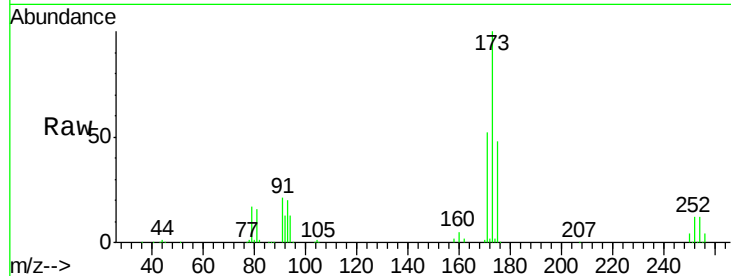
ClientSampleId :

VSTDIC015

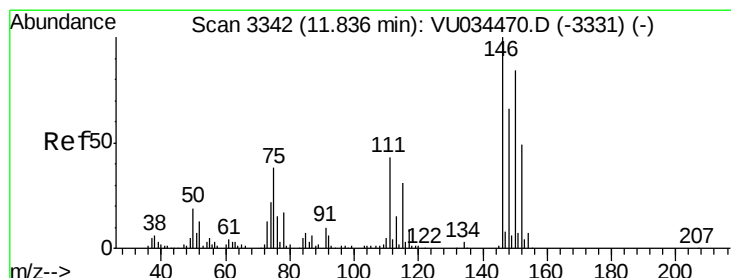
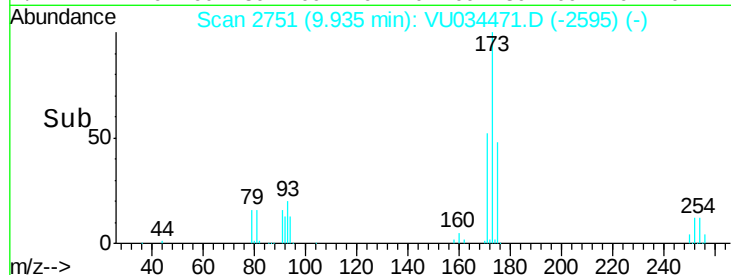
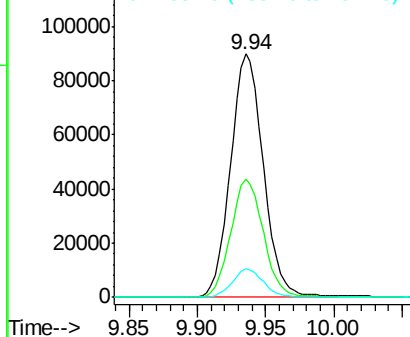
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 150040 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.4  | 39.1  | 58.7   |
| 254       | 11.2  | 8.6   | 13.0   |

Manual Integrations  
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9/12/2019 4:53:35 PM



Abundance Ion 172.90 (172.60 to 173.60): V  
Ion 174.90 (174.60 to 175.60): V  
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.017 ug/l

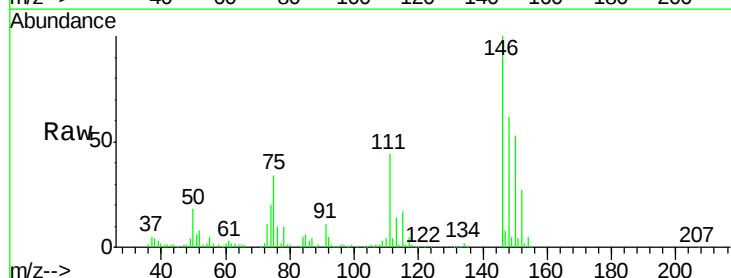
RT: 11.84 min Scan# 3342

Delta R.T. 0.00 min

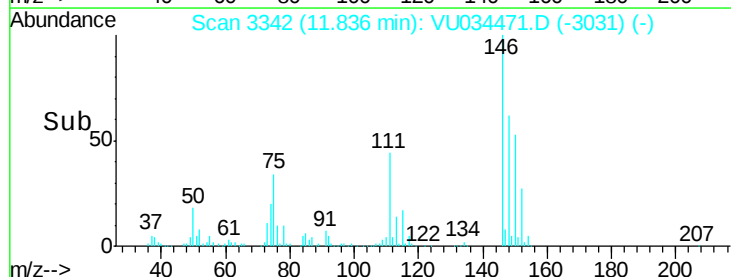
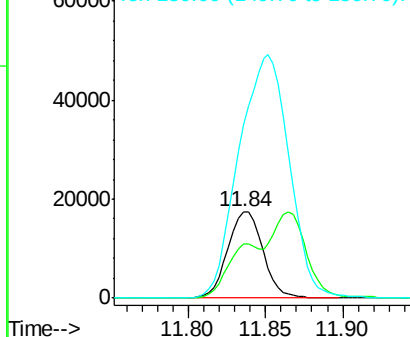
Lab File: VU034471.D

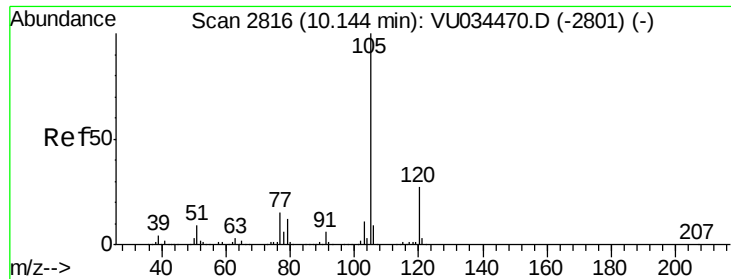
Acq: 11 Sep 2019 12:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 27616 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 54.4  | 0.0   | 126.6 |
| 150       | 0.0   | 0.0   | 633.6 |



Abundance Ion 152.00 (151.70 to 152.70): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 17.457 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

Tot Ion:105 Resp: 1453319

Ion Ratio Lower Upper

105 100

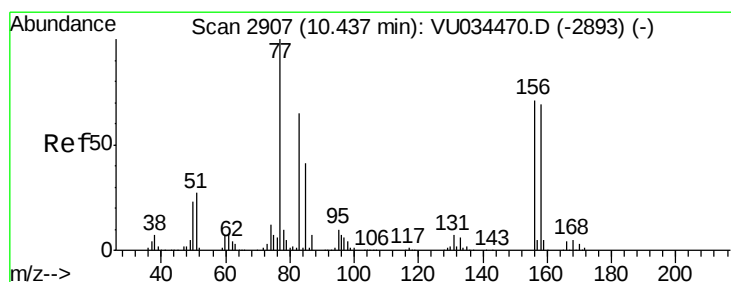
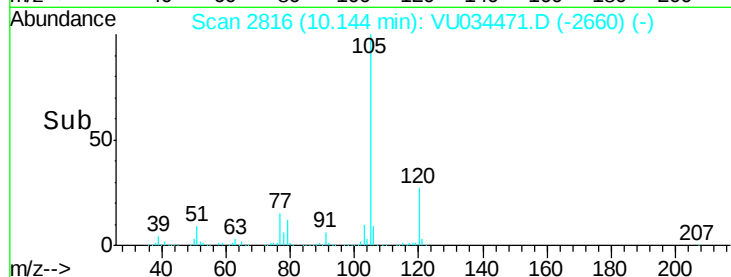
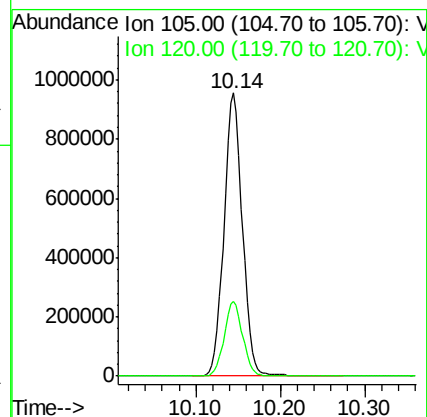
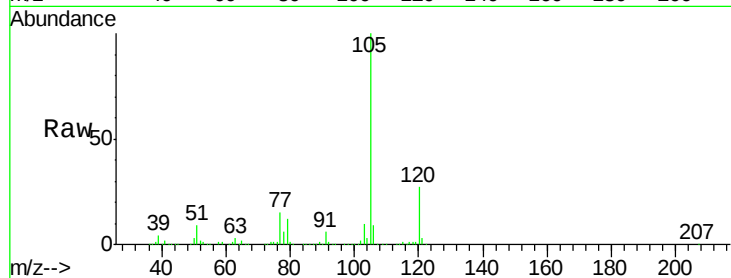
120 26.6 13.4 40.2

Manual Integrations

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9/12/2019 4:53:35 PM



#70

1,1,2,2-Tetrachloroethane

Concen: 12.287 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

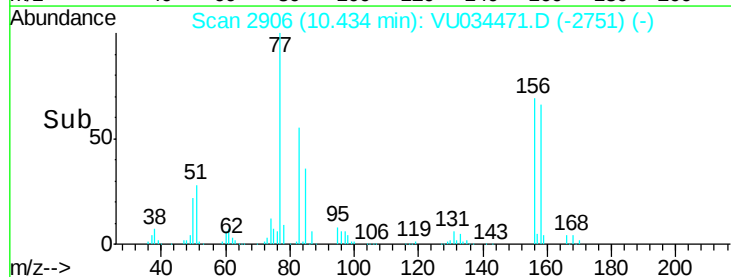
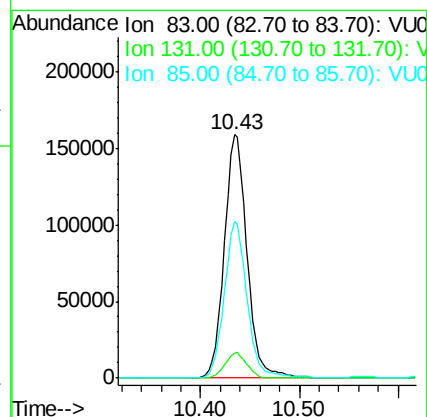
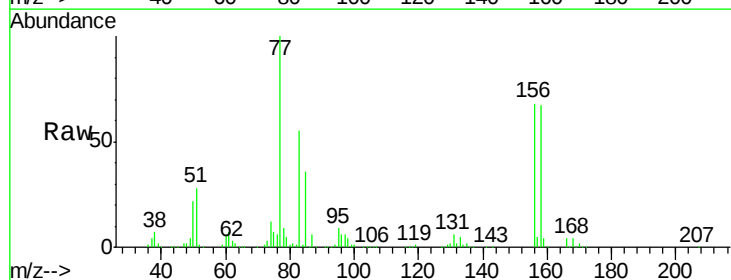
Tgt Ion: 83 Resp: 257888

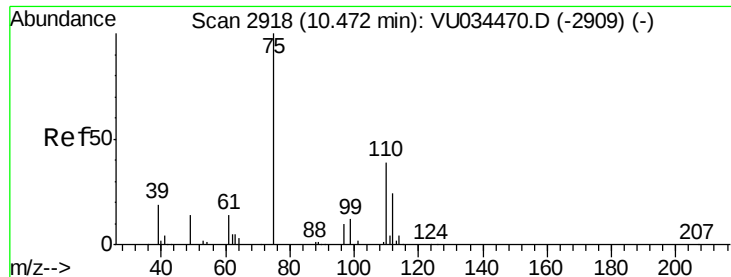
Ion Ratio Lower Upper

83 100

131 10.2 8.2 12.4

85 64.8 51.9 77.9





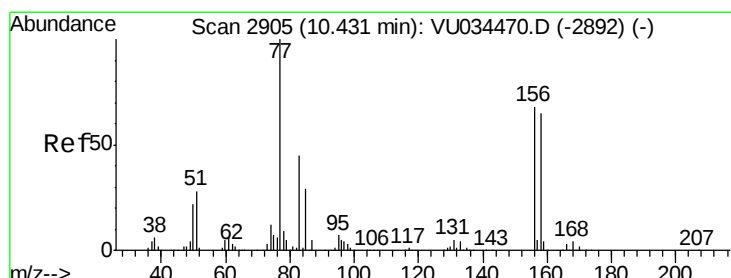
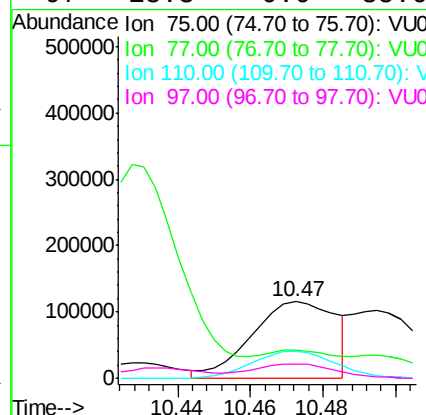
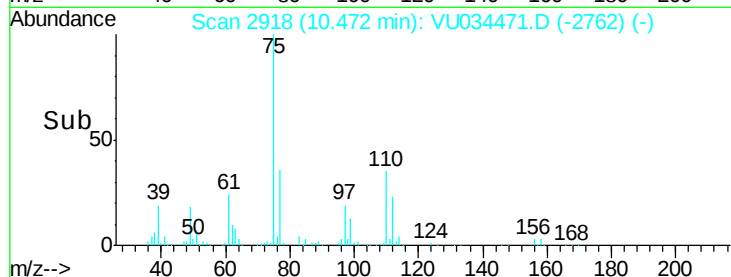
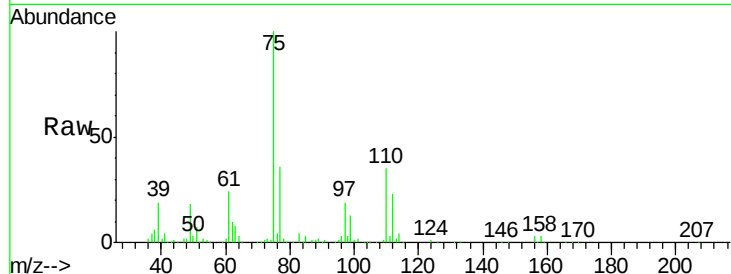
#71  
 1,2,3-Trichloropropane  
 Concen: 11.477 ug/l m  
 RT: 10.47 min Scan# 2918  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 0.0   | 0.0   | 0.0   |
| 110     | 35.4  | 0.0   | 66.8  |
| 97      | 18.3  | 0.0   | 35.6  |

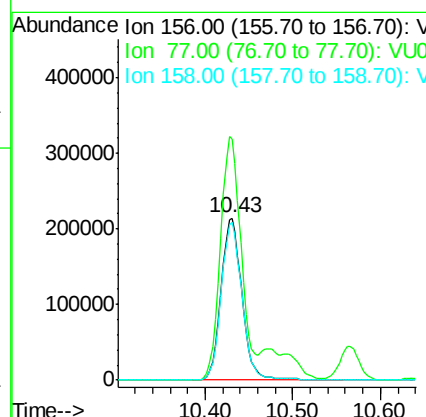
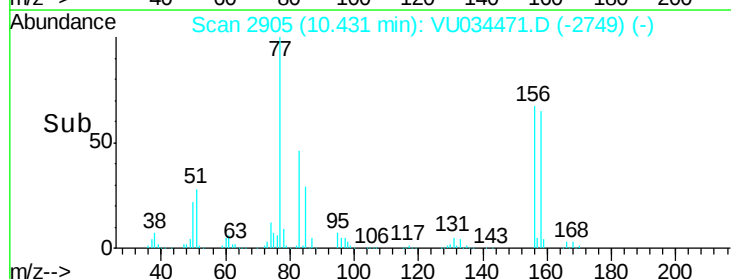
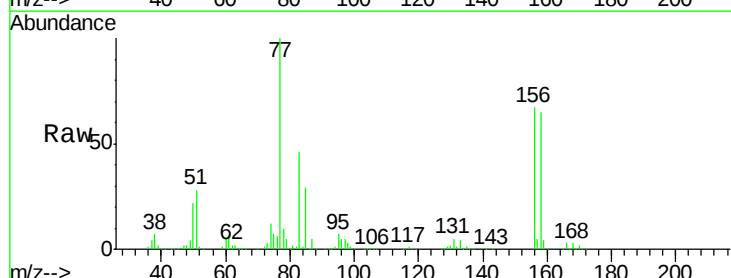
Manual Integrations  
 APPROVED

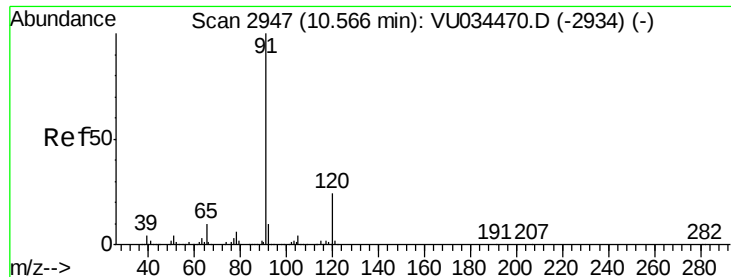
MMDadoda  
 9/12/2019 4:53:35 PM



#72  
 Bromobenzene  
 Concen: 16.077 ug/l  
 RT: 10.43 min Scan# 2905  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 149.3 | 0.0   | 293.6 |
| 158     | 97.6  | 0.0   | 192.6 |





#73

n-propylbenzene

Concen: 17.773 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampled :

VSTDIC015

Tot Ion:120 Resp: 422653

Ion Ratio Lower Upper

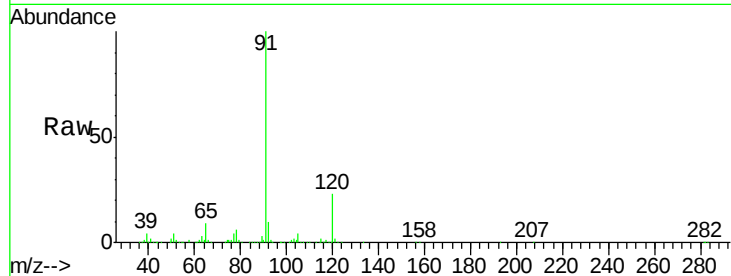
120 100

91 421.9 339.1 508.7

Manual Integrations  
APPROVED

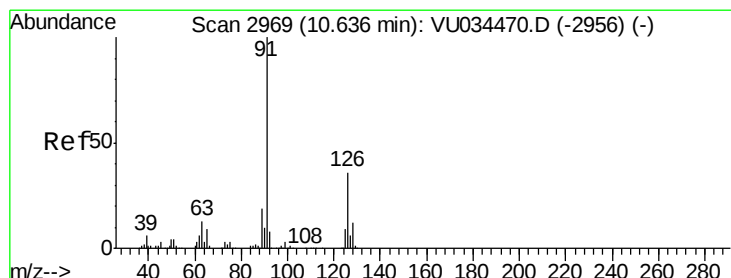
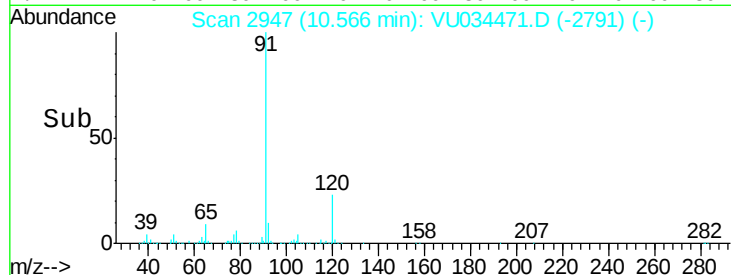
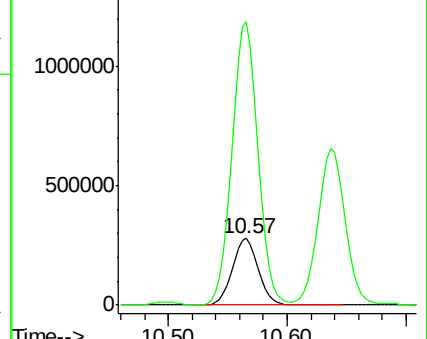
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 16.454 ug/l

RT: 10.64 min Scan# 2969

Delta R.T. 0.00 min

Lab File: VU034471.D

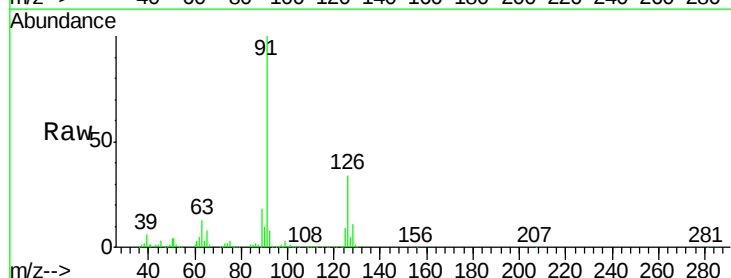
Acq: 11 Sep 2019 12:01

Tgt Ion:126 Resp: 355166

Ion Ratio Lower Upper

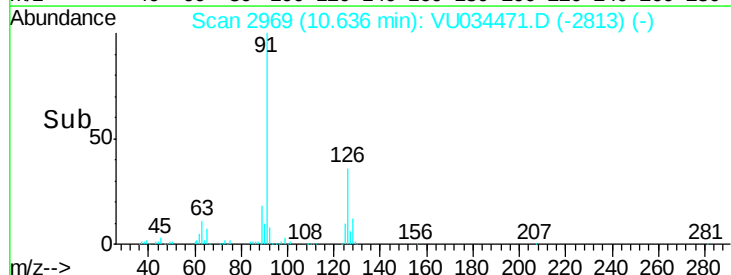
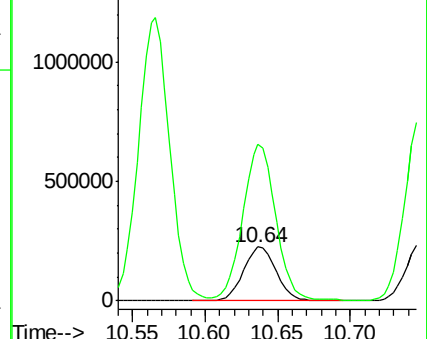
126 100

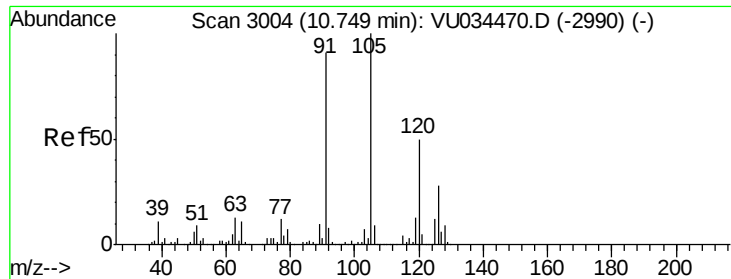
91 291.4 0.0 582.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 17.069 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

Tot Ion:105 Resp: 1270790

Ion Ratio Lower Upper

105 100

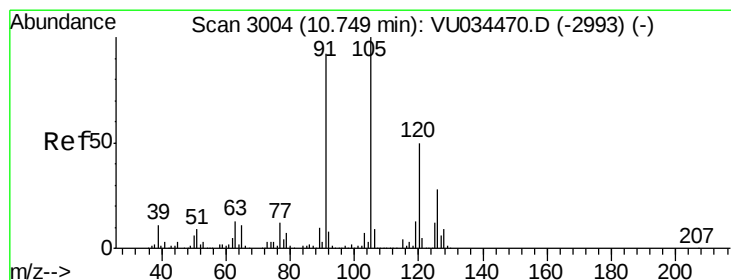
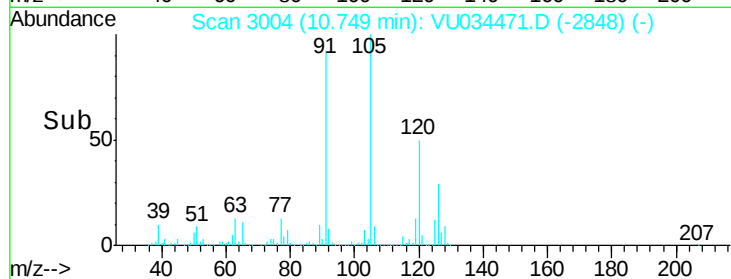
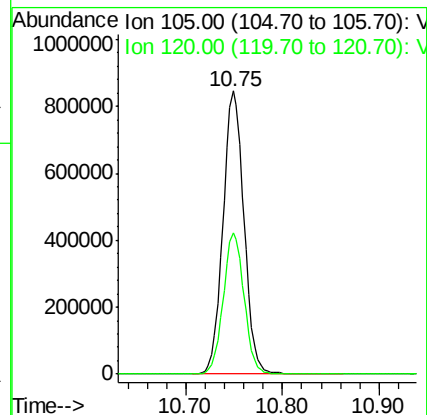
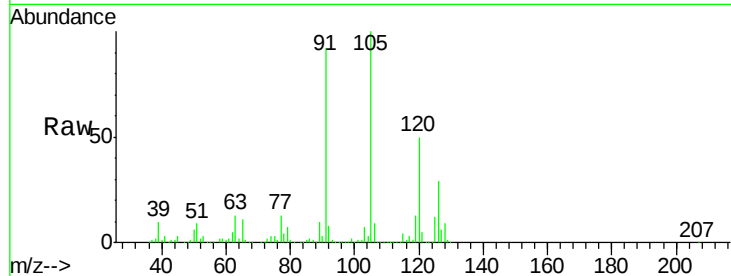
120 49.6 39.8 59.8

Manual Integrations

APPROVED

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#76

4-Chlorotoluene

Concen: 16.231 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VU034471.D

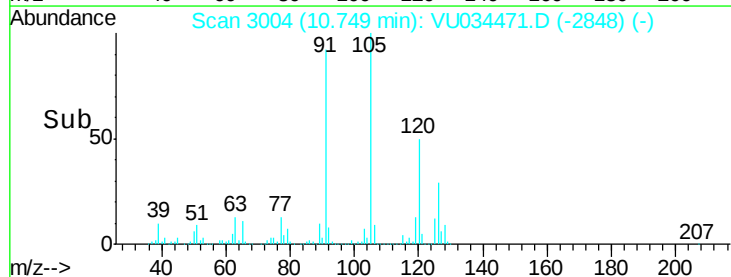
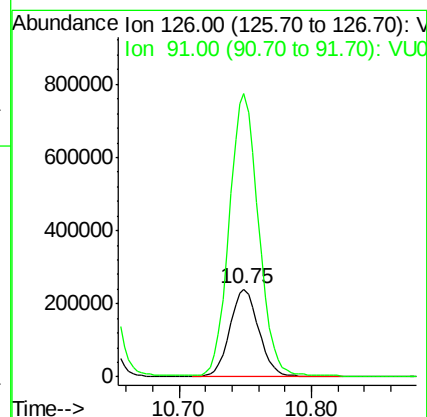
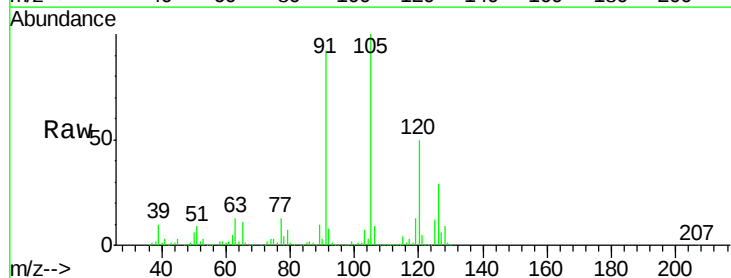
Acq: 11 Sep 2019 12:01

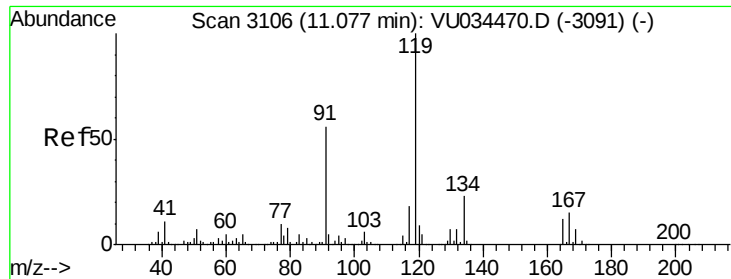
Tgt Ion:126 Resp: 362865

Ion Ratio Lower Upper

126 100

91 329.8 0.0 667.6





#77

tert-Butylbenzene

Concen: 17.205 ug/l

RT: 11.08 min Scan# 3106

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampled :

VSTDIC015

Tot Ion:119 Resp: 1225708

Ion Ratio Lower Upper

119 100

91 56.3 27.8 83.3

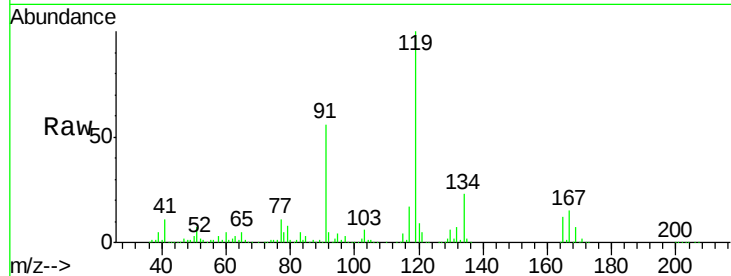
134 23.0 18.4 27.6

Manual Integrations

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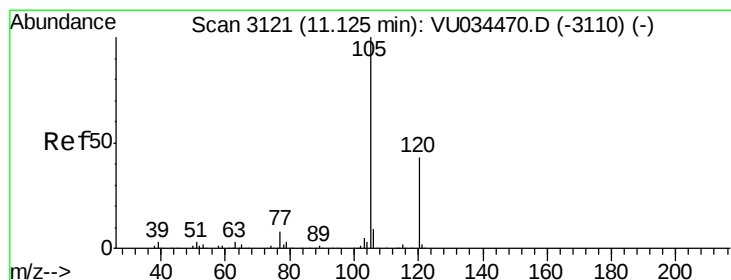
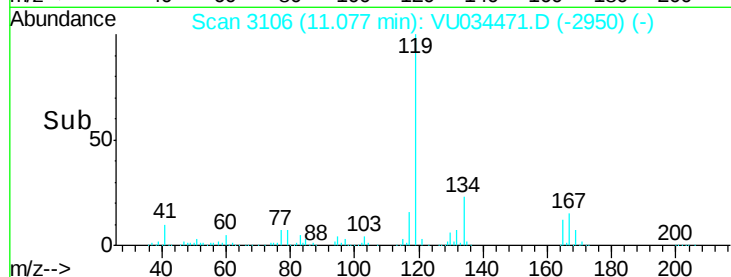
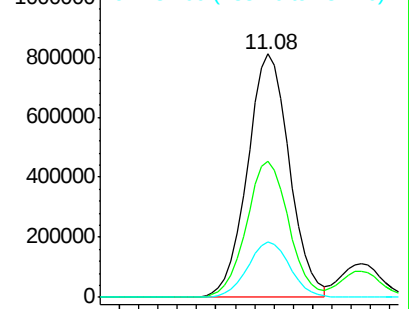
9/12/2019 4:53:35 PM



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 17.305 ug/l

RT: 11.13 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VU034471.D

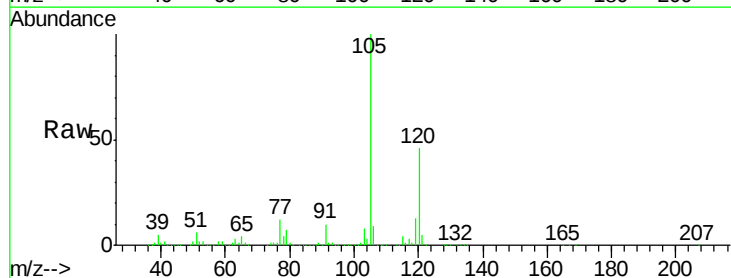
Acq: 11 Sep 2019 12:01

Tgt Ion:105 Resp: 1314640

Ion Ratio Lower Upper

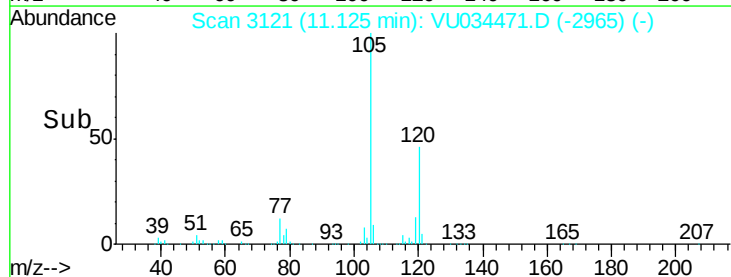
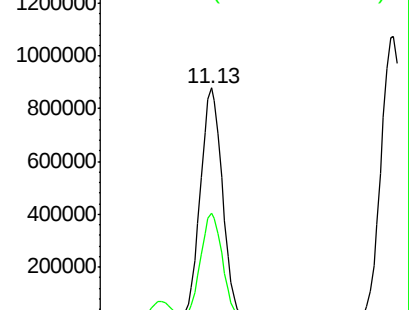
105 100

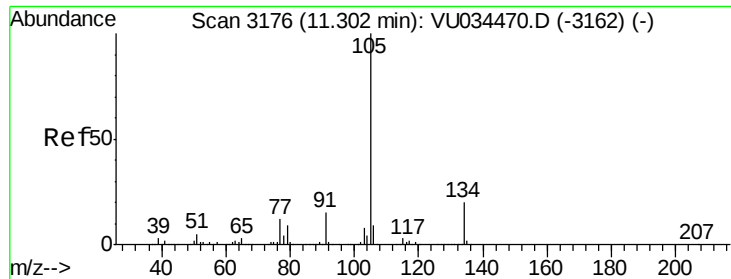
120 46.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 16.923 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

Tot Ion:105 Resp: 1643667

Ion Ratio Lower Upper

105 100

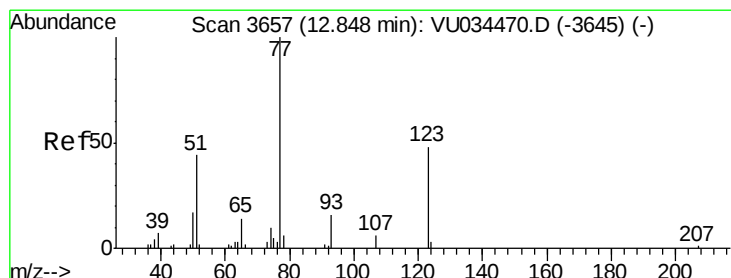
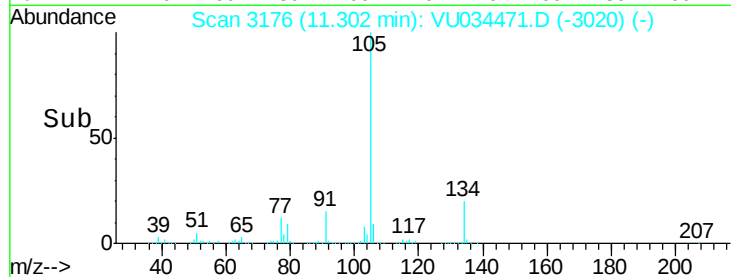
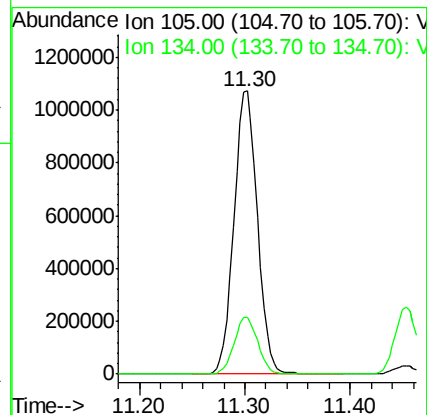
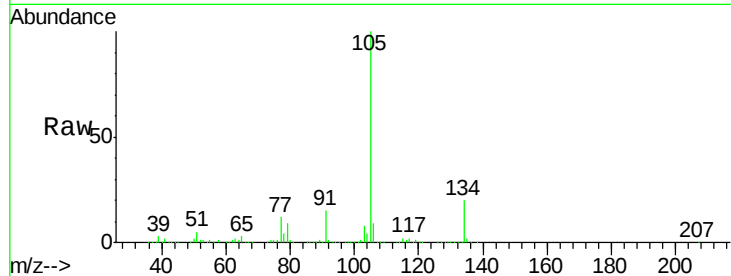
134 20.2 16.3 24.5

Manual Integrations

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#80

Nitrobenzene

Concen: 46.401 ug/l

RT: 12.85 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

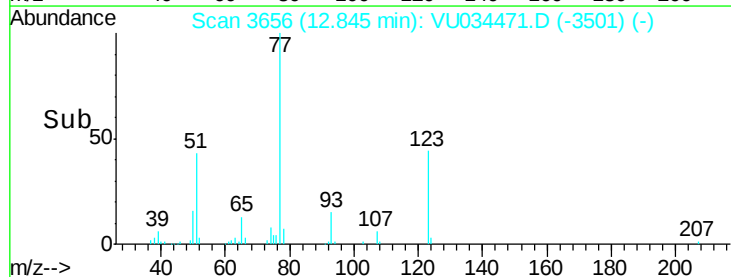
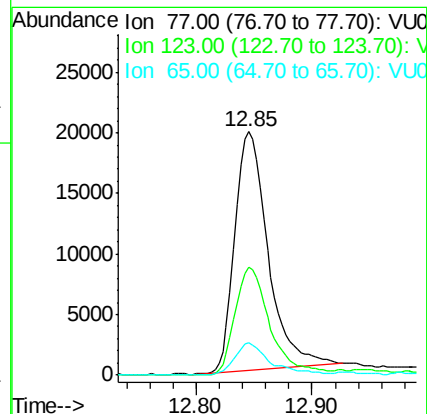
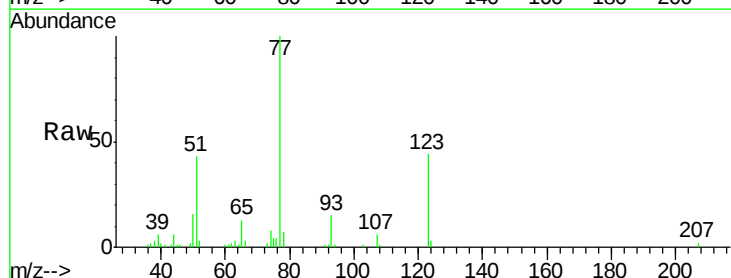
Tgt Ion: 77 Resp: 39431

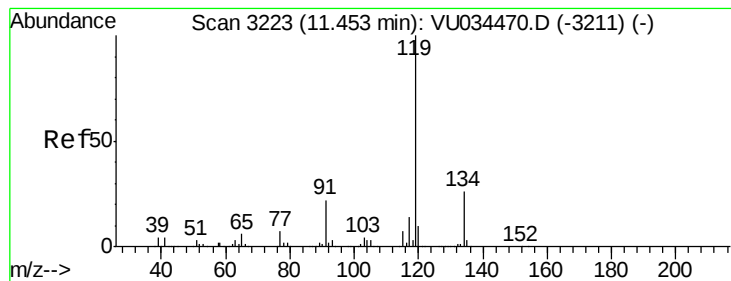
Ion Ratio Lower Upper

77 100

123 44.5 19.0 67.4

65 13.5 8.5 10.9#





#81

p-Isopropyltoluene

Concen: 17.943 ug/l

RT: 11.45 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

Tot Ion:119 Resp: 1424722

Ion Ratio Lower Upper

119 100

134 26.4 21.2 31.8

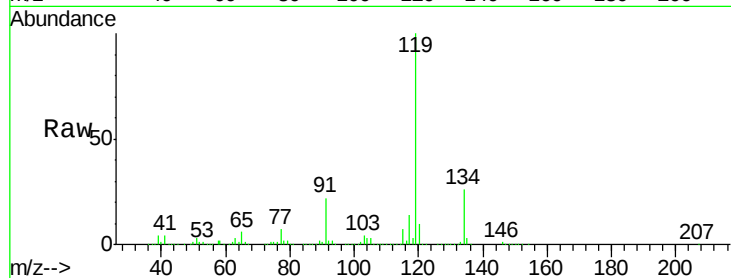
91 21.9 17.6 26.4

Manual Integrations

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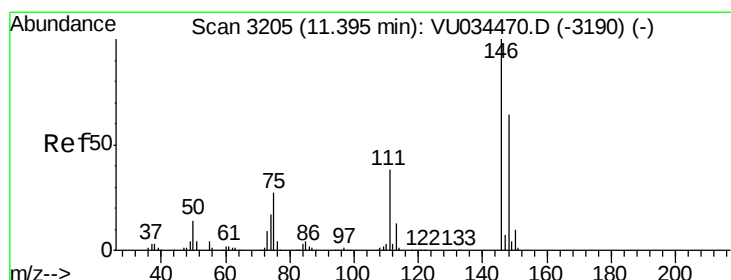
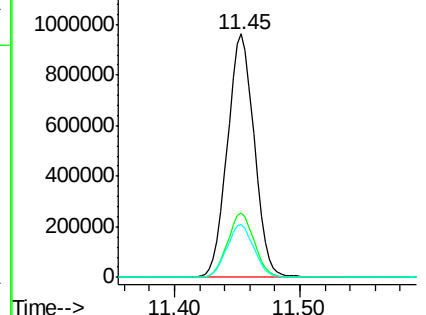
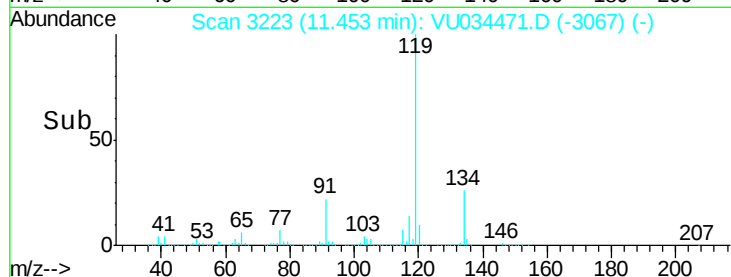
9/12/2019 4:53:35 PM



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



#82

1,3-Dichlorobenzene

Concen: 15.621 ug/l

RT: 11.39 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

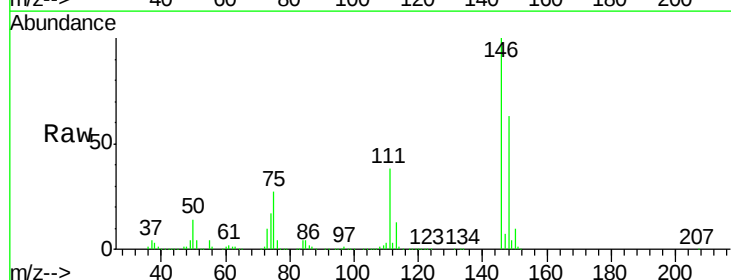
Tgt Ion:146 Resp: 729246

Ion Ratio Lower Upper

146 100

111 38.6 31.0 46.6

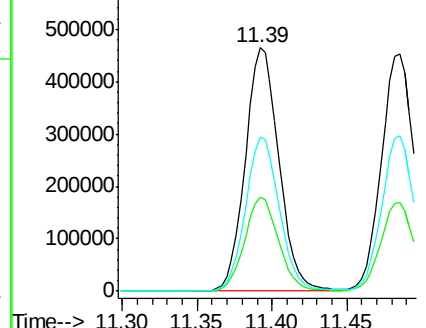
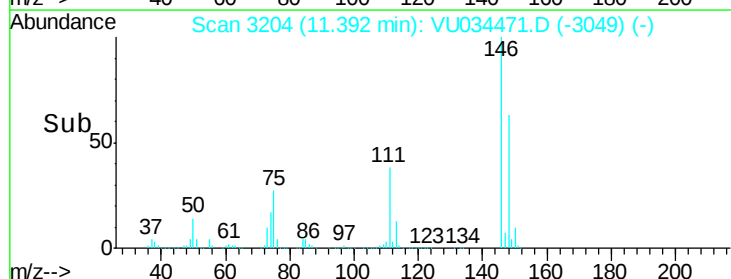
148 63.5 51.5 77.3

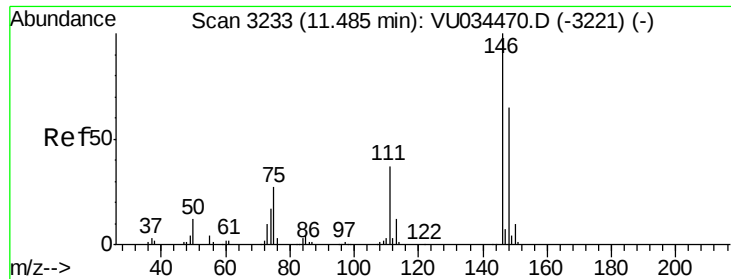


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





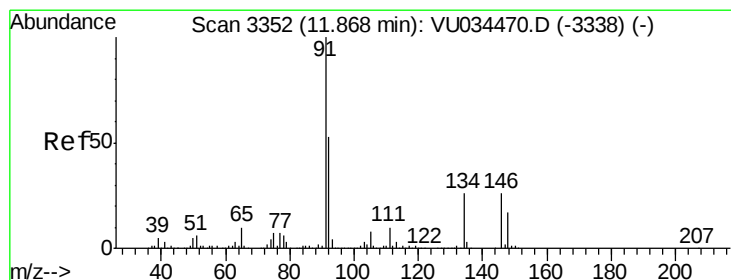
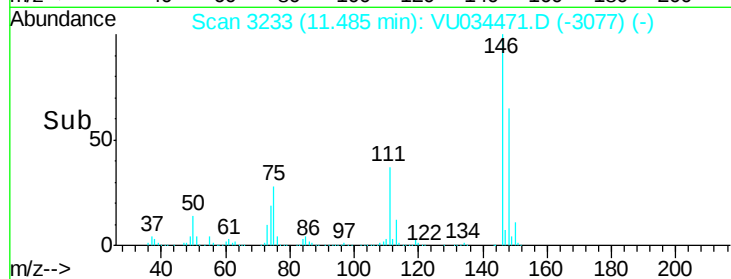
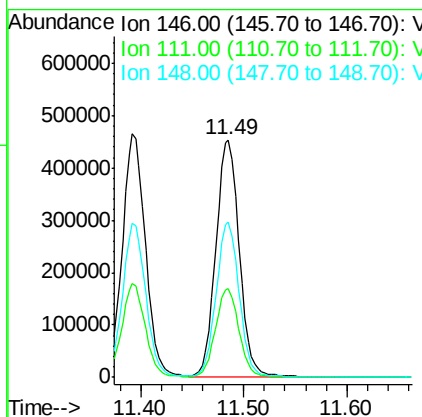
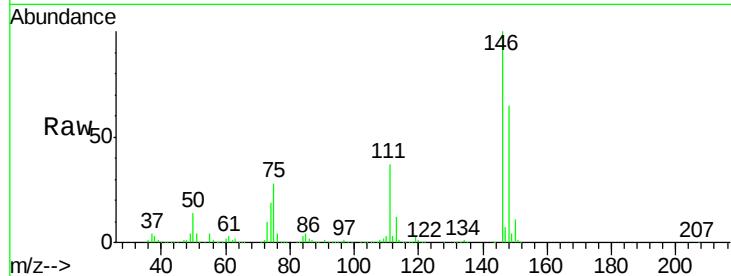
#83  
 1,4-Dichlorobenzene  
 Concen: 15.502 ug/l  
 RT: 11.49 min Scan# 3233  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.5  | 29.5  | 44.3  |
| 148     | 64.4  | 51.0  | 76.4  |

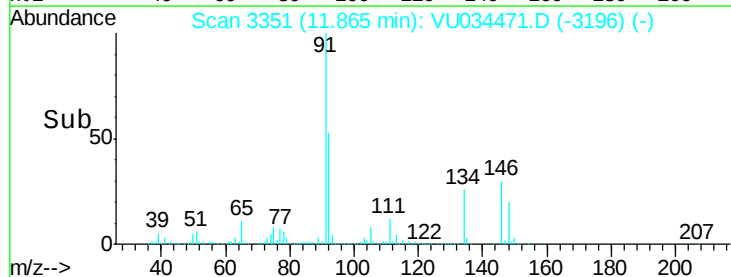
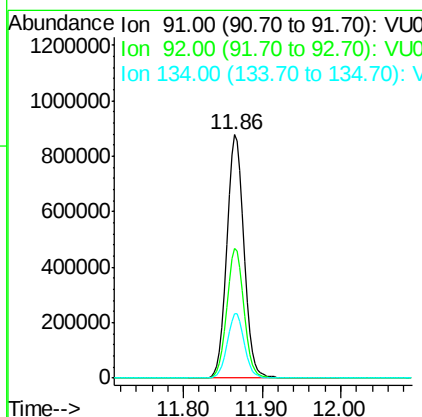
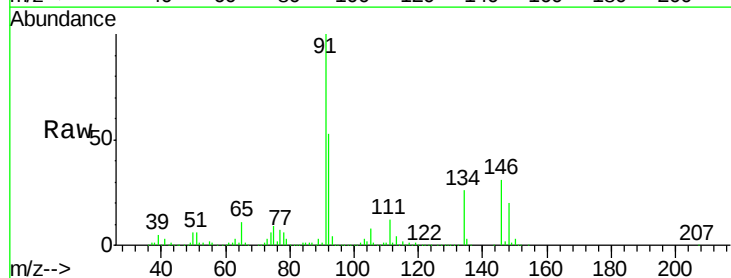
Manual Integrations  
 APPROVED

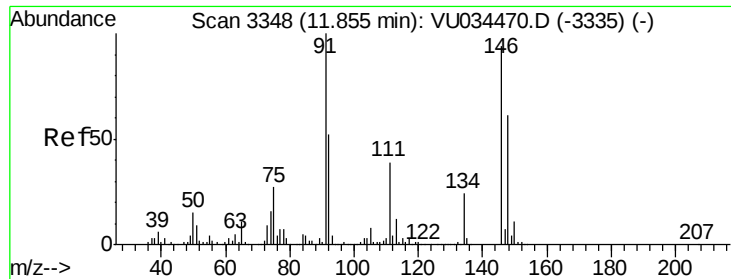
MMDadoda  
 9/12/2019 4:53:35 PM



#84  
 n-Butylbenzene  
 Concen: 16.438 ug/l  
 RT: 11.86 min Scan# 3351  
 Delta R.T. -0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.1  | 42.4  | 63.6  |
| 134     | 26.4  | 21.0  | 31.4  |





#85

1,2-Dichlorobenzene

Concen: 15.077 ug/l

RT: 11.86 min Scan# 3348

Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

Instrument :

MSVOA\_U

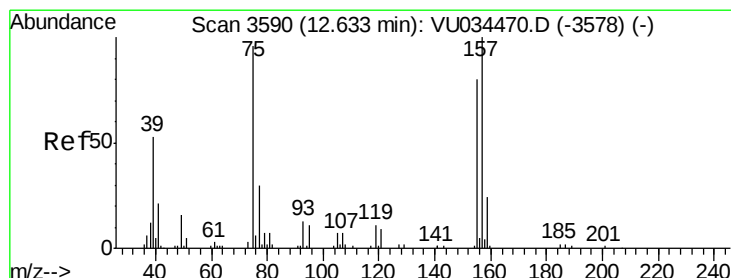
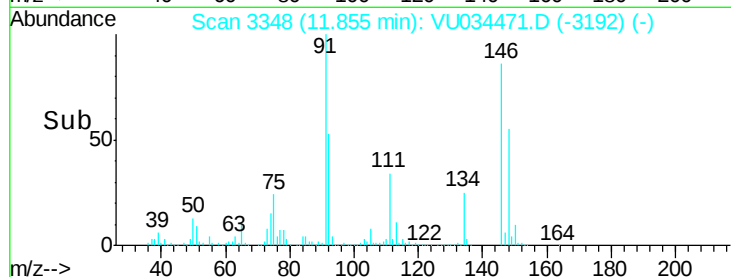
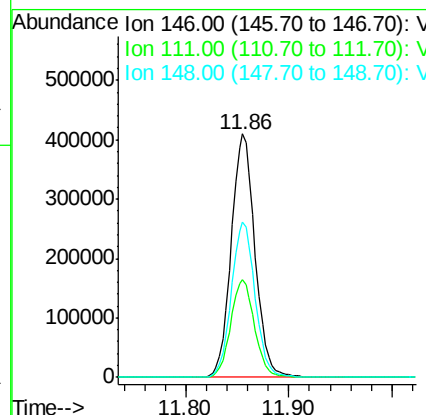
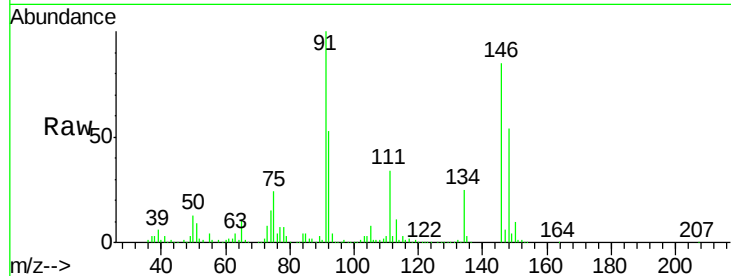
ClientSampled :

VSTDIC015

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 655781 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 40.5  | 20.3  | 60.8   |
| 148       | 64.0  | 32.2  | 96.6   |

Manual Integrations  
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9/12/2019 4:53:35 PM



#86

1,2-Dibromo-3-Chloropropane

Concen: 12.227 ug/l

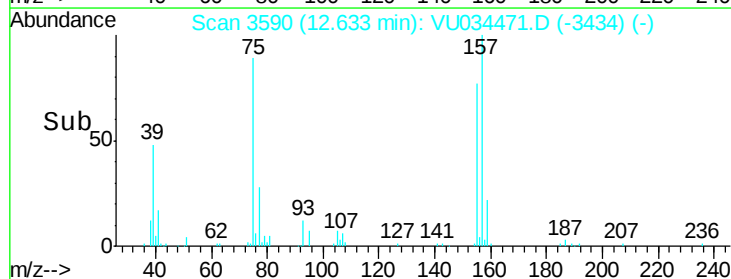
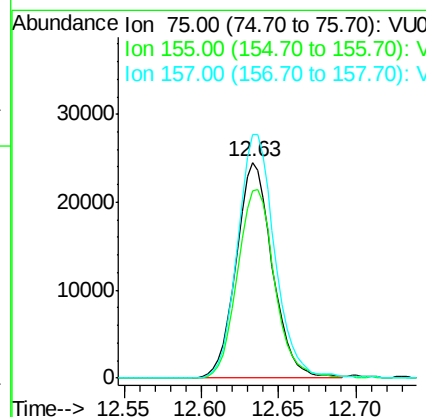
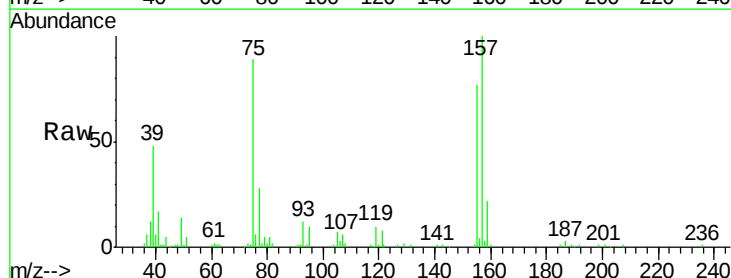
RT: 12.63 min Scan# 3590

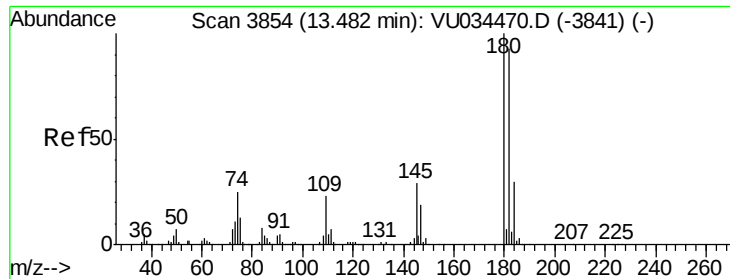
Delta R.T. 0.00 min

Lab File: VU034471.D

Acq: 11 Sep 2019 12:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 39831 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 89.7  | 68.9  | 103.3 |
| 157       | 116.1 | 89.9  | 134.9 |





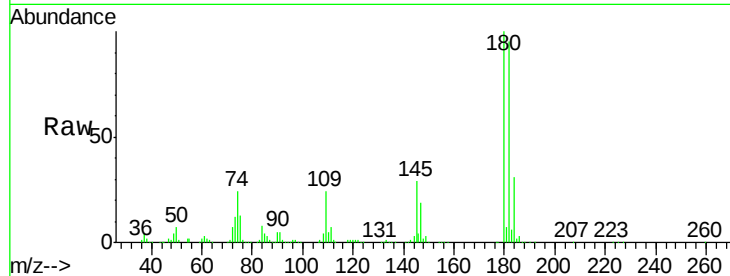
#87  
 1,2,4-Trichlorobenzene  
 Concen: 17.757 ug/l  
 RT: 13.48 min Scan# 3854  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

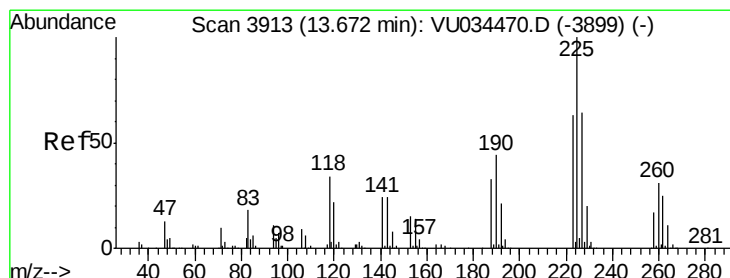
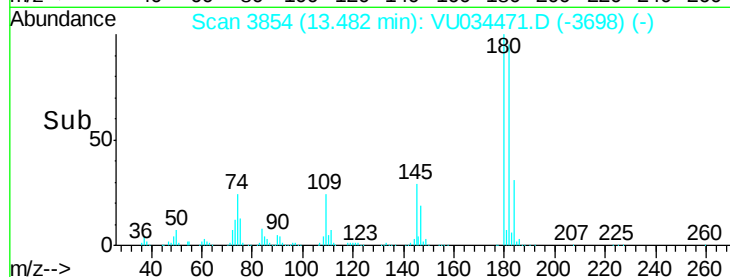
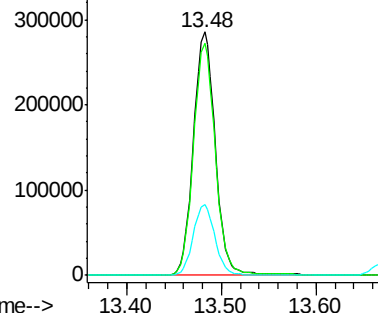
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 460436 |       |       |
| 182     | 95.4  | 76.6   | 114.8 |       |
| 145     | 28.9  | 23.0   | 34.6  |       |

Manual Integrations  
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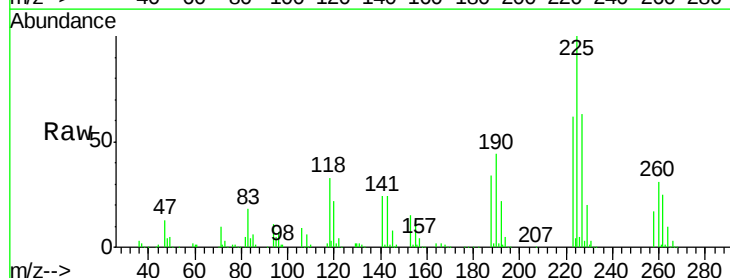


Abundance Ion 179.70 (179.40 to 180.40): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

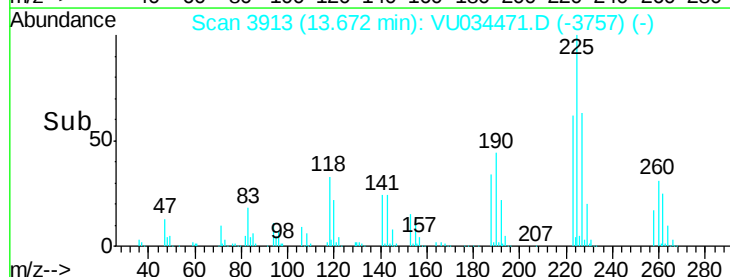
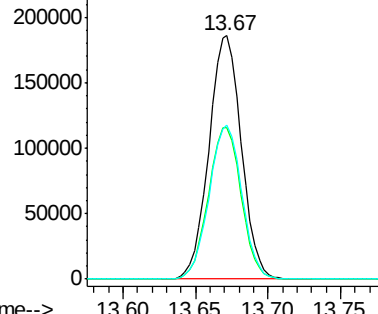


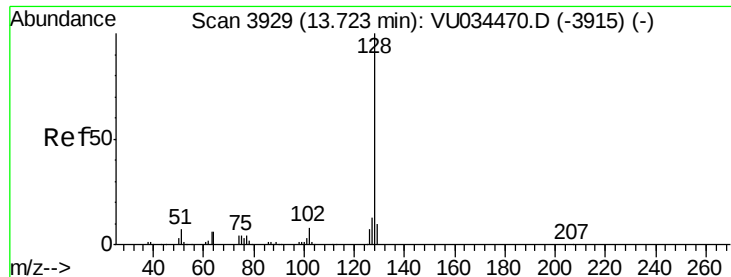
#88  
 Hexachlorobutadiene  
 Concen: 17.383 ug/l  
 RT: 13.67 min Scan# 3913  
 Delta R.T. 0.00 min  
 Lab File: VU034471.D  
 Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 288388 |       |       |
| 223     | 63.1  | 50.3   | 75.5  |       |
| 227     | 63.8  | 51.1   | 76.7  |       |



Abundance Ion 224.60 (224.30 to 225.30): V  
 Ion 222.60 (222.30 to 223.30): V  
 Ion 226.60 (226.30 to 227.30): V





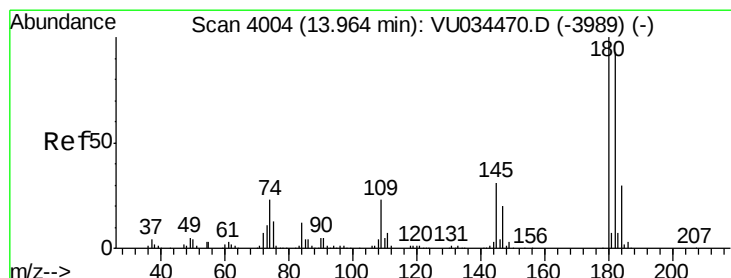
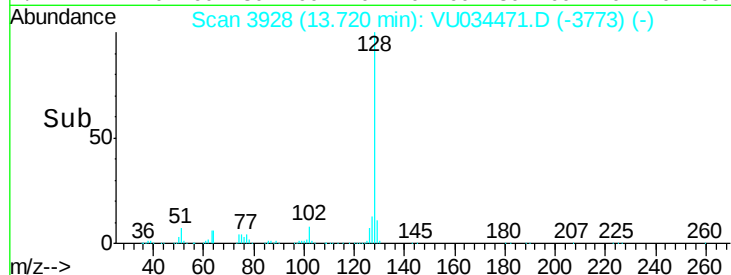
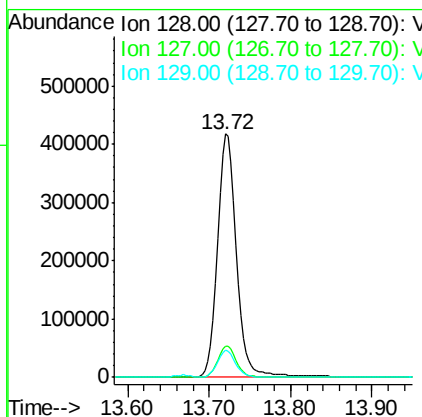
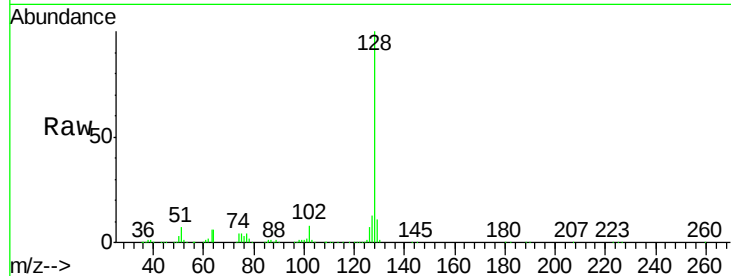
#89  
Naphthalene  
Concen: 16.268 ug/l  
RT: 13.72 min Scan# 3928  
Delta R.T. -0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.7  | 10.2  | 15.2  |
| 129     | 10.4  | 8.0   | 12.0  |

Manual Integrations  
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#90  
1,2,3-Trichlorobenzene  
Concen: 16.622 ug/l  
RT: 13.96 min Scan# 4004  
Delta R.T. 0.00 min  
Lab File: VU034471.D  
Acq: 11 Sep 2019 12:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.7  | 75.4  | 113.2 |
| 145     | 30.4  | 24.5  | 36.7  |

