

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU091219\  
 Data File : VU034485.D  
 Acq On : 11 Sep 2019 19:29  
 Operator : JC/SP  
 Sample : VU0912WBSD01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 9/13/2019 6:57:24 AM

Quant Time: Sep 12 05:22:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U090619W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 06 05:10:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.96  | 168  | 253494   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.86  | 114  | 359569   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.07  | 117  | 362318   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 241628   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 5.29   | 65  | 200842   | 52.36 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.72% |      |
| 35) Dibromofluoromethane  | 4.86   | 113 | 179359   | 53.61 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.22% |      |
| 50) Toluene-d8            | 7.54   | 98  | 675069   | 53.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.40% |      |
| 62) 4-Bromofluorobenzene  | 10.29  | 95  | 249503   | 51.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.82% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 51735   | 19.514  | ug/l | 100    |
| 3) Chloromethane              | 1.32 | 50  | 61467   | 21.411  | ug/l | 97     |
| 4) Vinyl Chloride             | 1.40 | 62  | 63714   | 19.286  | ug/l | 99     |
| 5) Bromomethane               | 1.62 | 94  | 41985   | 22.719  | ug/l | 99     |
| 6) Chloroethane               | 1.69 | 64  | 43933   | 22.325  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.88 | 101 | 93732   | 21.160  | ug/l | 97     |
| 8) Diethyl Ether              | 2.09 | 74  | 42711   | 21.920  | ug/l | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.28 | 101 | 60911   | 20.761  | ug/l | 99     |
| 10) Methyl Iodide             | 2.40 | 142 | 41623   | 18.160  | ug/l | 99     |
| 11) Tert butyl alcohol        | 2.81 | 59  | 80780   | 99.693  | ug/l | 96     |
| 12) 1,1-Dichloroethene        | 2.27 | 96  | 56498   | 20.485  | ug/l | 98     |
| 13) Acrolein                  | 2.18 | 56  | 38630   | 56.722  | ug/l | 98     |
| 14) Allyl chloride            | 2.58 | 41  | 103765m | 19.679  | ug/l |        |
| 15) Acrylonitrile             | 2.92 | 53  | 216536  | 107.312 | ug/l | 99     |
| 16) Acetone                   | 2.31 | 43  | 175534  | 88.438  | ug/l | 99     |
| 17) Carbon Disulfide          | 2.47 | 76  | 110337  | 17.800  | ug/l | 98     |
| 18) Methyl Acetate            | 2.60 | 43  | 97511   | 20.190  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 2.98 | 73  | 219856  | 21.870  | ug/l | 98     |
| 20) Methylene Chloride        | 2.69 | 84  | 74504   | 22.699  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 2.97 | 96  | 59387   | 20.433  | ug/l | 99     |
| 22) Diisopropyl ether         | 3.55 | 45  | 229874  | 22.355  | ug/l | 94     |
| 23) Vinyl Acetate             | 3.51 | 43  | 905852  | 108.149 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.43 | 63  | 133418  | 21.726  | ug/l | 100    |
| 25) 2-Butanone                | 4.24 | 43  | 266729  | 100.672 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.20 | 77  | 102205  | 20.694  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.20 | 96  | 75680   | 21.440  | ug/l | 99     |
| 28) Bromochloromethane        | 4.52 | 49  | 63217   | 22.382  | ug/l | 100    |
| 29) Tetrahydrofuran           | 4.62 | 42  | 172137  | 106.770 | ug/l | 98     |
| 30) Chloroform                | 4.65 | 83  | 136875  | 21.928  | ug/l | 99     |
| 31) Cyclohexane               | 4.97 | 56  | 88601   | 19.722  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 4.89 | 97  | 109627  | 21.967  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.12 | 75  | 81502   | 20.900  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.36 | 43  | 96753   | 20.985  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.11 | 117 | 92079   | 22.115  | ug/l | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU091219\  
 Data File : VU034485.D  
 Acq On : 11 Sep 2019 19:29  
 Operator : JC/SP  
 Sample : VU0912WBSD01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleID :  
 VU0912WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 9/13/2019 6:57:24 AM

Quant Time: Sep 12 05:22:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U090619W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 06 05:10:13 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 6.40  | 83   | 81202    | 19.479  | ug/l   | 96       |
| 40) Benzene                    | 5.37  | 78   | 277825   | 22.079  | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.52  | 41   | 54927    | 22.366  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 5.39  | 62   | 100012   | 22.893  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 5.53  | 43   | 155631   | 21.638  | ug/l   | 99       |
| 44) Trichloroethene            | 6.17  | 130  | 77193    | 22.169  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 6.41  | 63   | 82995    | 22.562  | ug/l   | 99       |
| 46) Dibromomethane             | 6.54  | 93   | 51028    | 22.099  | ug/l   | 99       |
| 47) Bromodichloromethane       | 6.74  | 83   | 108171   | 22.759  | ug/l   | 98       |
| 48) Methyl methacrylate        | 6.60  | 41   | 70430    | 20.617  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 6.59  | 88   | 25022    | 335.437 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 7.44  | 43   | 535354   | 107.532 | ug/l   | 100      |
| 52) Toluene                    | 7.62  | 92   | 177219   | 22.452  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 7.86  | 75   | 106588   | 21.633  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 7.25  | 75   | 119586   | 22.115  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 8.04  | 97   | 81227    | 22.663  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 8.00  | 69   | 106444   | 21.421  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 8.22  | 76   | 129464   | 22.183  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 7.11  | 63   | 145517   | 90.353  | ug/l   | 99       |
| 59) 2-Hexanone                 | 8.34  | 43   | 388029   | 104.330 | ug/l   | 100      |
| 60) Dibromochloromethane       | 8.46  | 129  | 88285    | 22.965  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 8.57  | 107  | 77690    | 22.146  | ug/l   | 98       |
| 64) Tetrachloroethene          | 8.21  | 164  | 67744    | 21.552  | ug/l   | 97       |
| 65) Chlorobenzene              | 9.10  | 112  | 205484   | 22.354  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.19  | 131  | 78413    | 22.352  | ug/l   | 98       |
| 67) Ethyl Benzene              | 9.23  | 91   | 323414   | 21.518  | ug/l   | 100      |
| 68) m/p-Xylenes                | 9.35  | 106  | 254249   | 44.923  | ug/l   | 100      |
| 69) o-Xylene                   | 9.76  | 106  | 123256   | 22.269  | ug/l   | 98       |
| 70) Styrene                    | 9.77  | 104  | 222738   | 22.953  | ug/l   | 100      |
| 71) Bromoform                  | 9.94  | 173  | 68019    | 22.372  | ug/l # | 99       |
| 73) Isopropylbenzene           | 10.14 | 105  | 344725   | 21.923  | ug/l   | 100      |
| 74) N-amyl acetate             | 9.99  | 43   | 131596   | 20.791  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.43 | 83   | 136085   | 21.380  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 10.47 | 75   | 114764m  | 21.759  | ug/l   |          |
| 77) Bromobenzene               | 10.43 | 156  | 96357    | 21.915  | ug/l   | 98       |
| 78) n-propylbenzene            | 10.57 | 91   | 396068   | 21.809  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 10.64 | 91   | 243800   | 22.002  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 10.75 | 105  | 302892   | 23.032  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75   | 29061m   | 18.529  | ug/l   |          |
| 82) 4-Chlorotoluene            | 10.75 | 91   | 281290   | 22.059  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.08 | 119  | 288162   | 21.903  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.12 | 105  | 294362   | 22.236  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.30 | 105  | 343177   | 22.095  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 11.45 | 119  | 316391   | 22.070  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 11.40 | 146  | 176602   | 22.012  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 11.49 | 146  | 178824   | 21.369  | ug/l   | 99       |
| 89) n-Butylbenzene             | 11.87 | 91   | 261343   | 20.978  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.12 | 117  | 48073    | 20.960  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 11.86 | 146  | 175414   | 22.246  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.64 | 75   | 24475    | 20.926  | ug/l   | 96       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU091219\  
Data File : VU034485.D  
Acq On : 11 Sep 2019 19:29  
Operator : JC/SP  
Sample : VU0912WBSD01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0912WBSD01

Manual Integrations  
APPROVED

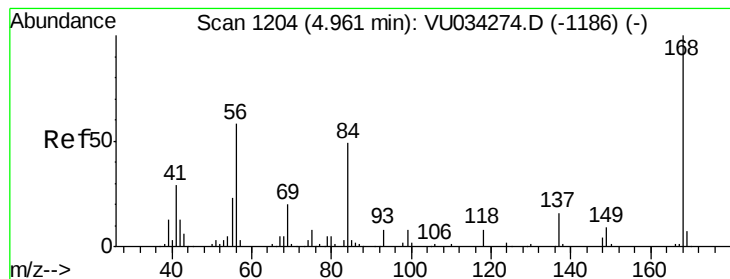
MMDadoda  
9/13/2019 6:57:24 AM

Quant Time: Sep 12 05:22:20 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\82U090619W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 06 05:10:13 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.48 | 180  | 106706   | 20.823 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.67 | 225  | 55074    | 19.968 | ug/l  | 100      |
| 95) Naphthalene            | 13.72 | 128  | 271435   | 19.484 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 13.97 | 180  | 104636   | 20.582 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0912WBSD01

Tgt Ion:168 Resp: 253494

Ion Ratio Lower Upper

168 100

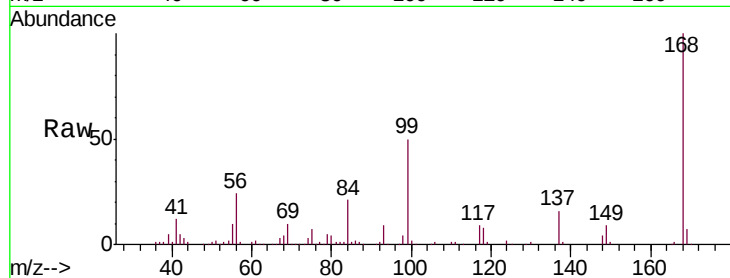
99 49.4 41.6 62.4

Manual Integrations

APPROVED

MMDadoda

9/13/2019 6:57:24 AM



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

120000

100000

80000

60000

40000

20000

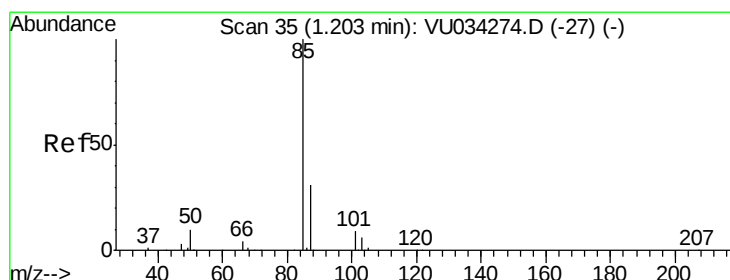
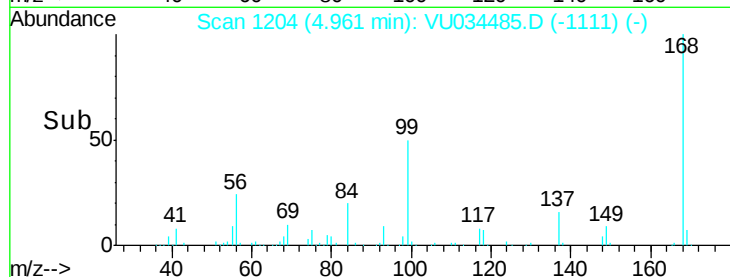
0

4.90

5.00

5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.514 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU034485.D

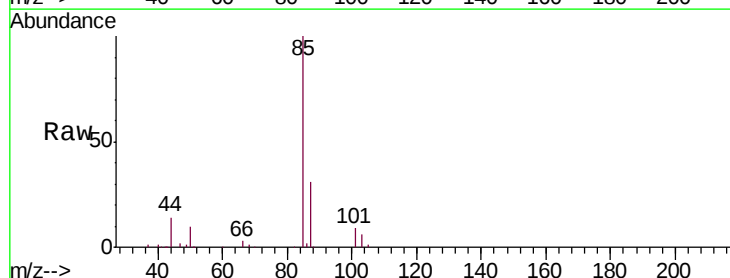
Acq: 11 Sep 2019 19:29

Tgt Ion: 85 Resp: 51735

Ion Ratio Lower Upper

85 100

87 31.0 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VU034274.D (-27) (-)

Ion 86.90 (86.60 to 87.60): VU034274.D (-27) (-)

60000

50000

40000

30000

20000

10000

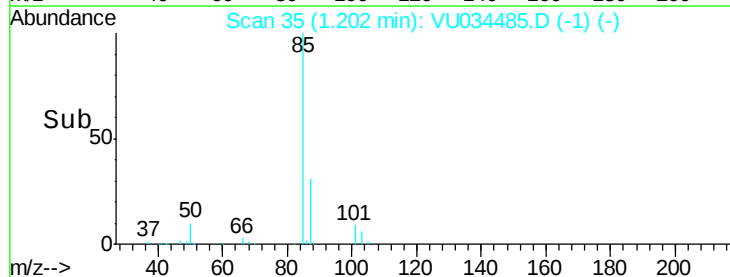
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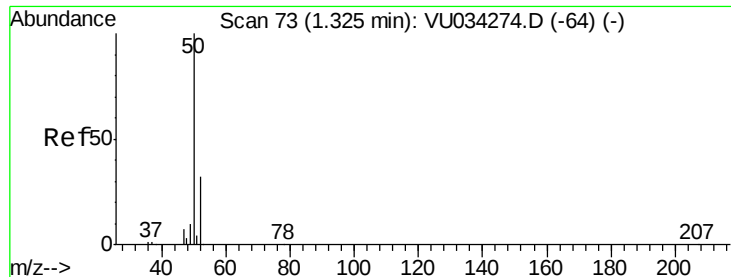
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 21.411 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0912WBSD01

Tgt Ion: 50 Resp: 61467

Ion Ratio Lower Upper

50 100

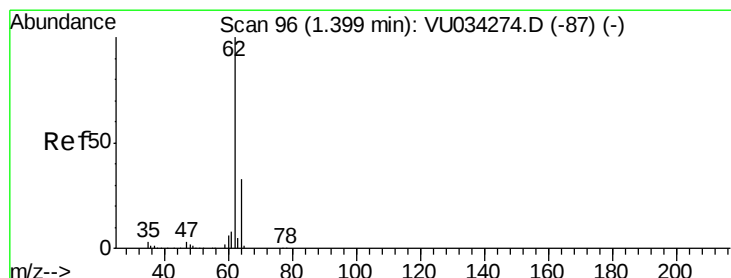
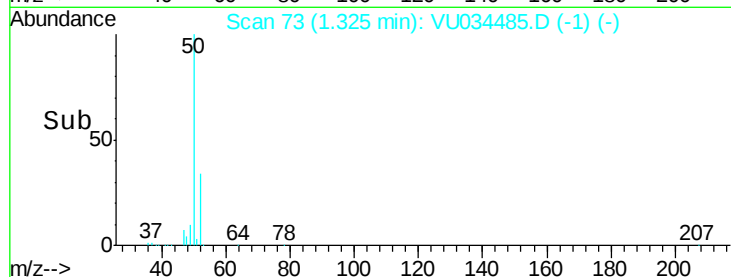
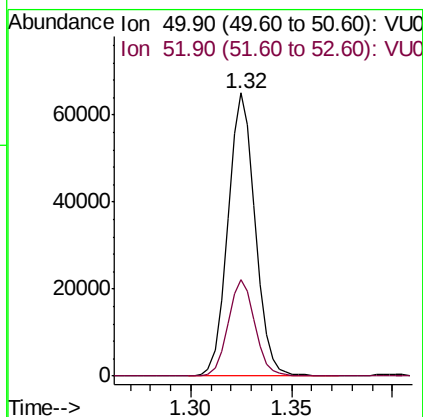
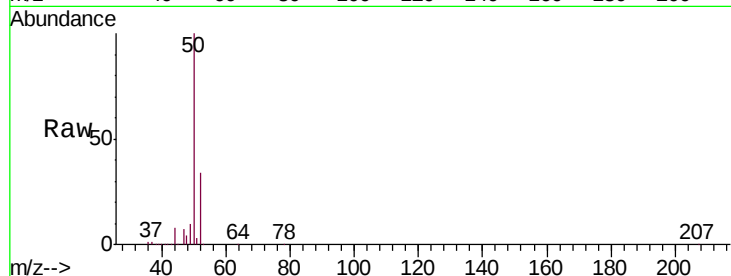
52 33.9 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

9/13/2019 6:57:24 AM



#4

Vinyl Chloride

Concen: 19.286 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU034485.D

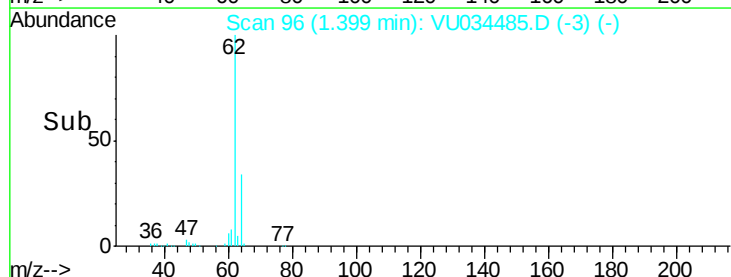
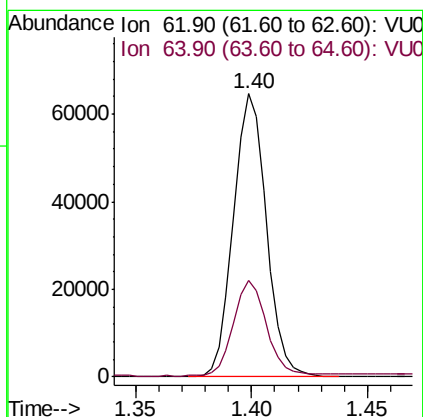
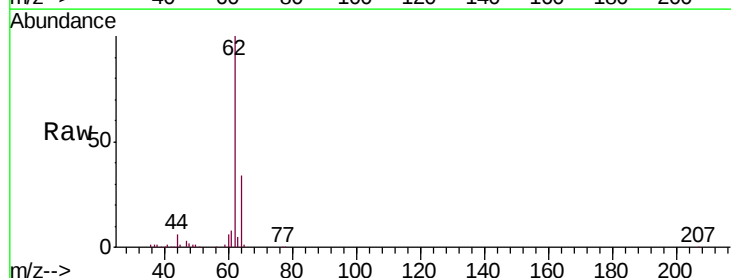
Acq: 11 Sep 2019 19:29

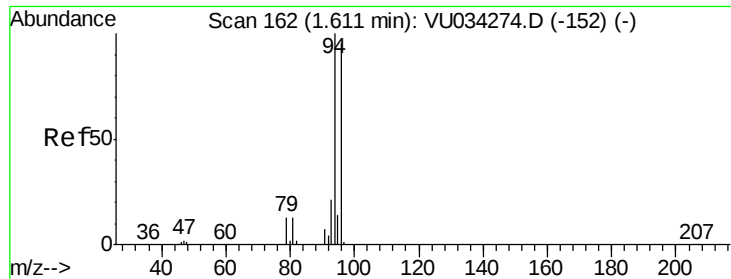
Tgt Ion: 62 Resp: 63714

Ion Ratio Lower Upper

62 100

64 33.5 26.2 39.4





#5

Bromomethane

Concen: 22.719 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.01 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0912WBSD01

Tgt Ion: 94 Resp: 41985

Ion Ratio Lower Upper

94 100

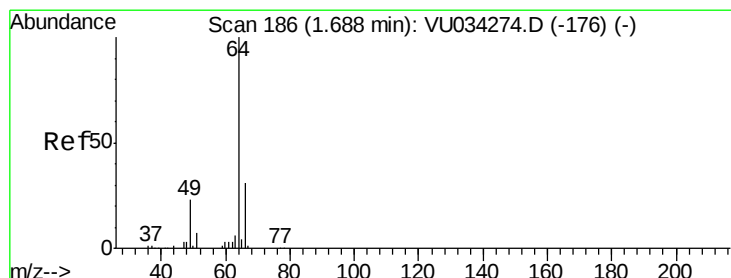
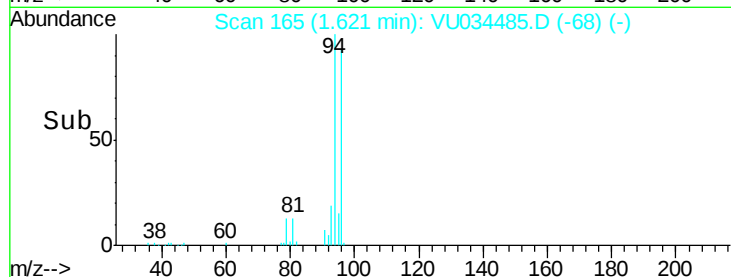
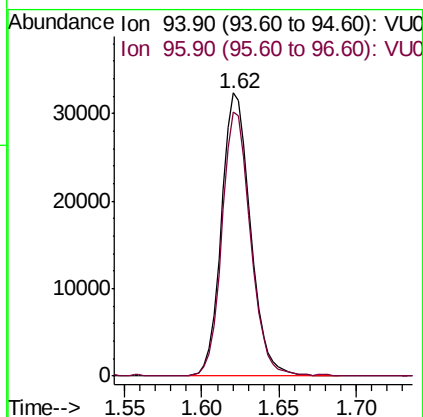
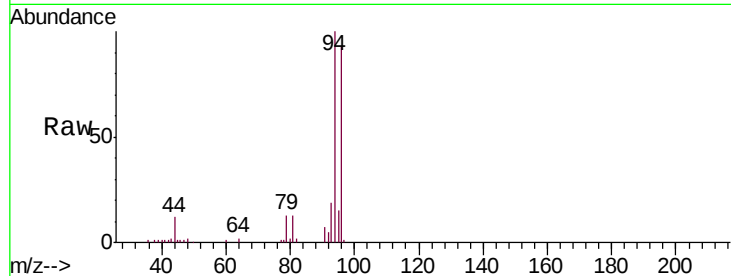
96 93.5 75.7 113.5

Manual Integrations

APPROVED

MMDadoda

9/13/2019 6:57:24 AM



#6

Chloroethane

Concen: 22.325 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU034485.D

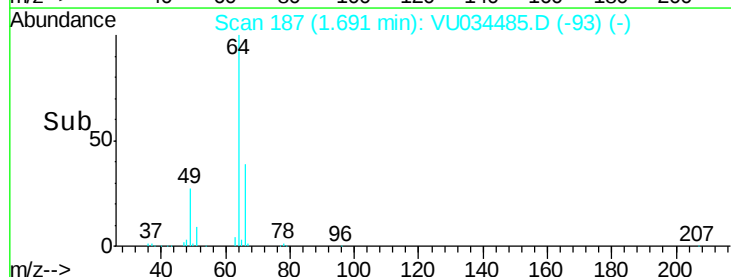
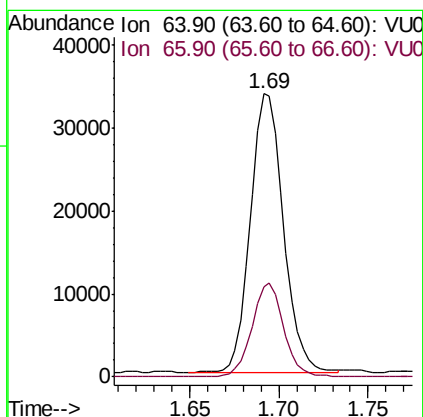
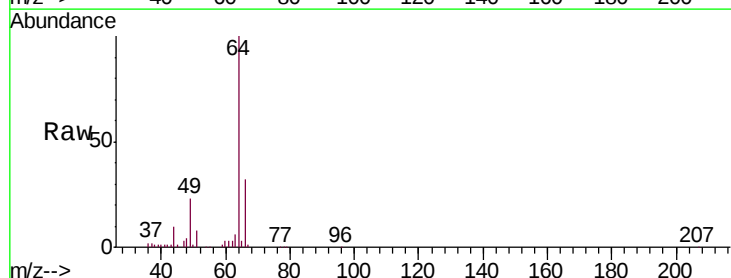
Acq: 11 Sep 2019 19:29

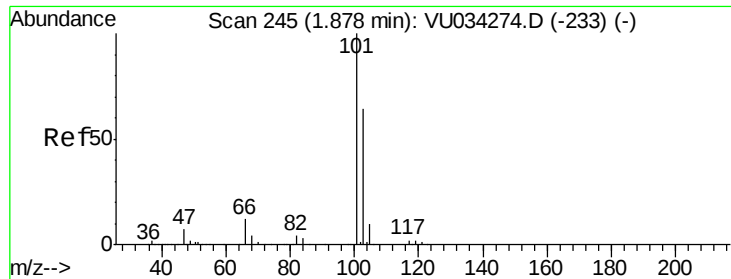
Tgt Ion: 64 Resp: 43933

Ion Ratio Lower Upper

64 100

66 32.5 25.0 37.6





#7

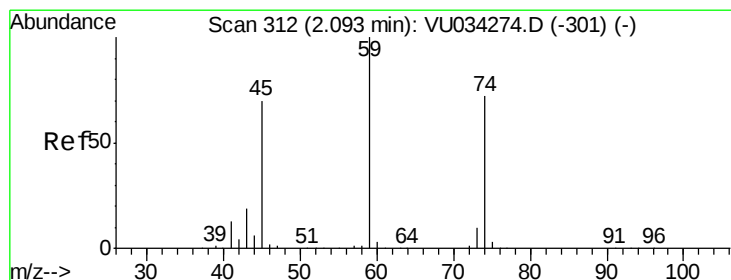
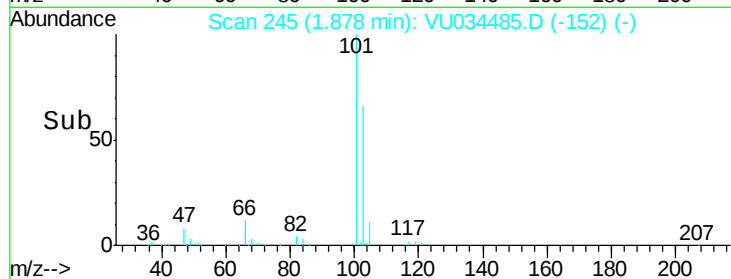
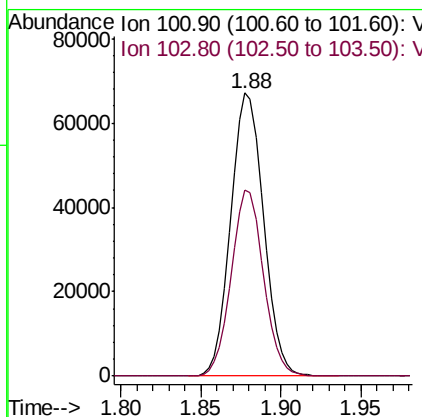
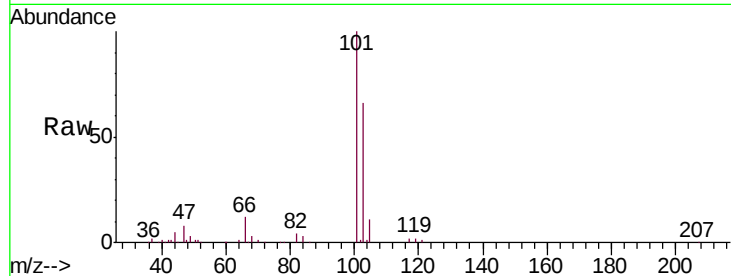
Trichlorofluoromethane  
 Concen: 21.160 ug/l  
 RT: 1.88 min Scan# 245  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.8  | 51.0  | 76.6  |

Manual Integrations  
 APPROVED

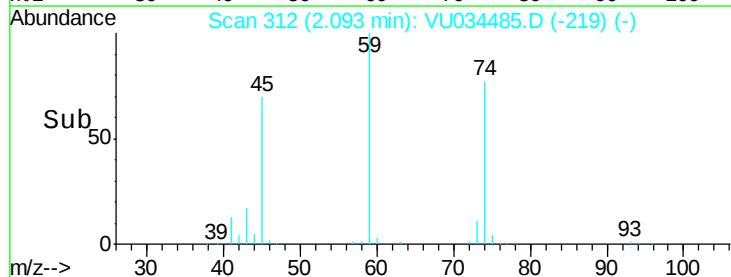
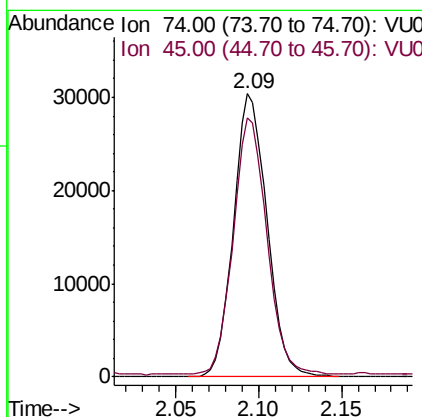
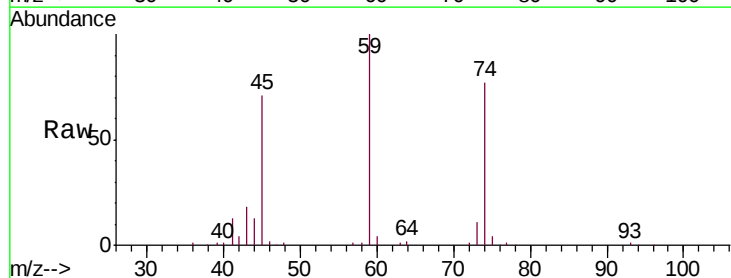
MMDadoda  
 9/13/2019 6:57:24 AM



#8

Diethyl Ether  
 Concen: 21.920 ug/l  
 RT: 2.09 min Scan# 312  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 91.5  | 48.2  | 144.6 |





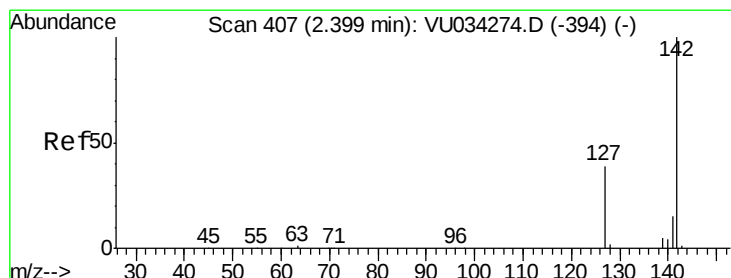
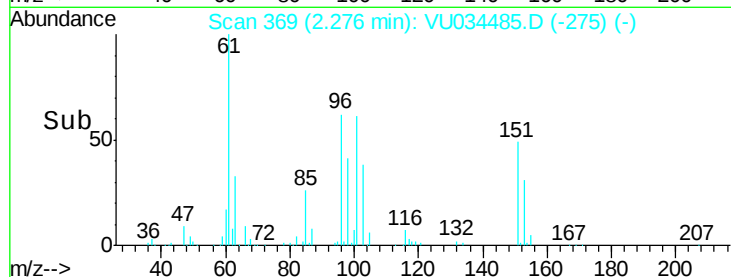
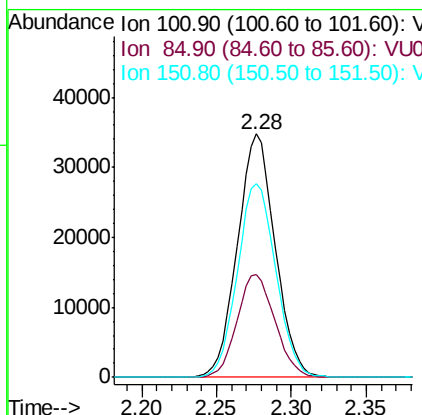
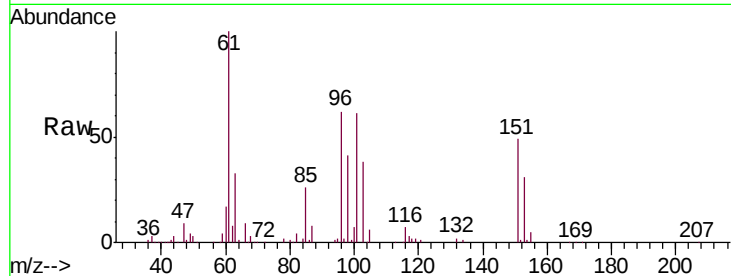
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 20.761 ug/l  
 RT: 2.28 min Scan# 369  
 Delta R.T. 0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 101     | 100   |            | 60911      |
| 85      | 42.4  | 34.4       | 51.6       |
| 151     | 81.3  | 64.4       | 96.6       |

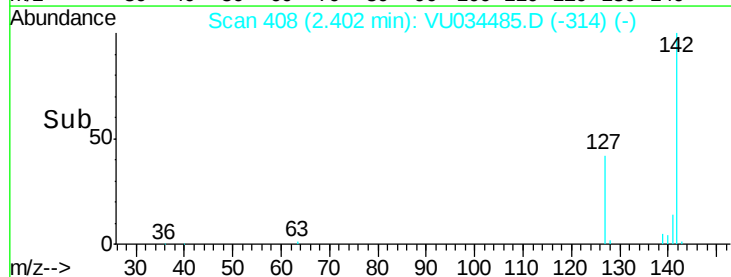
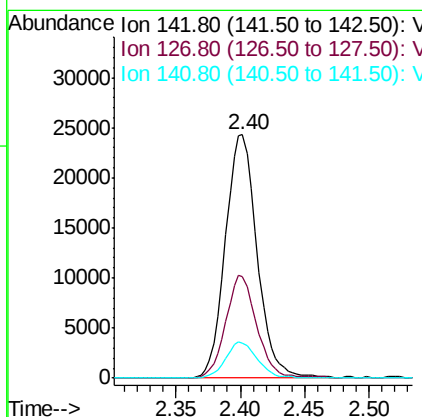
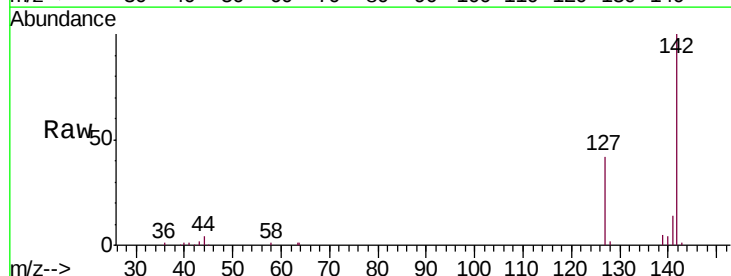
Manual Integrations  
 APPROVED

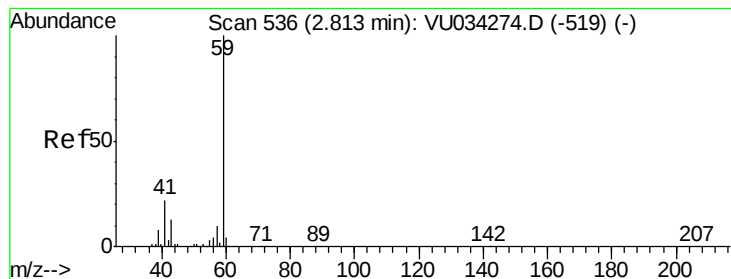
MMDadoda  
 9/13/2019 6:57:24 AM



#10  
 Methyl Iodide  
 Concen: 18.160 ug/l  
 RT: 2.40 min Scan# 408  
 Delta R.T. 0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 142     | 100   |            | 41623      |
| 127     | 41.0  | 32.1       | 48.1       |
| 141     | 14.7  | 11.5       | 17.3       |





#11

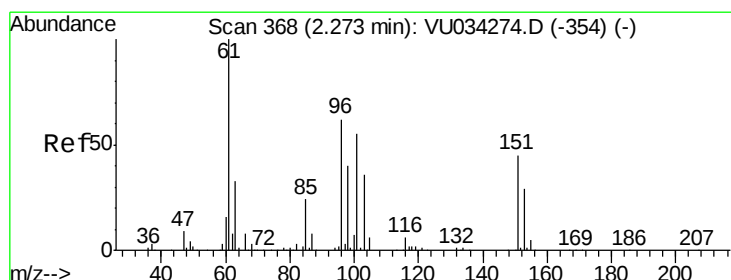
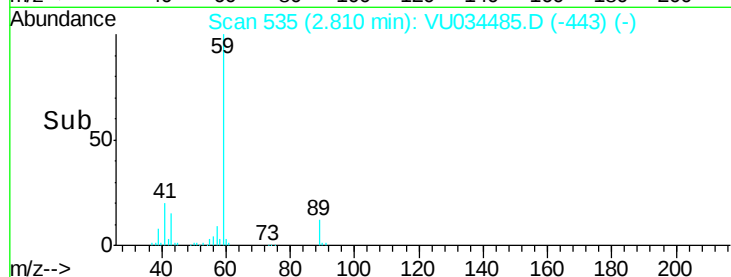
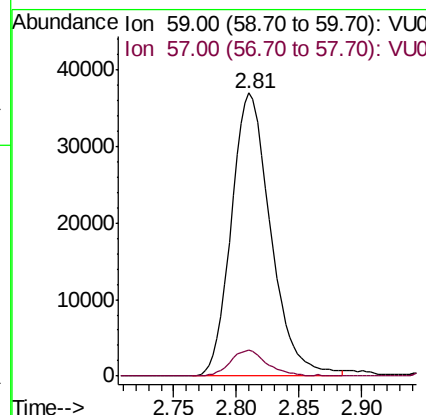
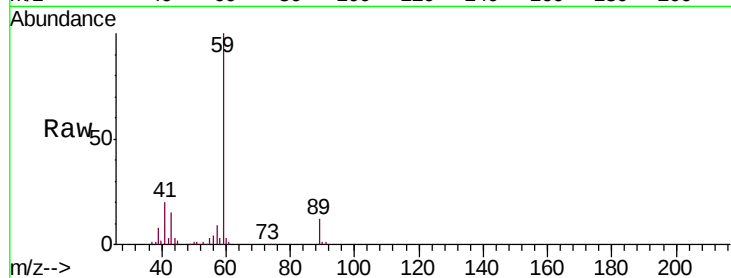
Tert butyl alcohol  
 Concen: 99.693 ug/l  
 RT: 2.81 min Scan# 535  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 8.5   | 7.9   | 11.9  |

Manual Integrations  
 APPROVED

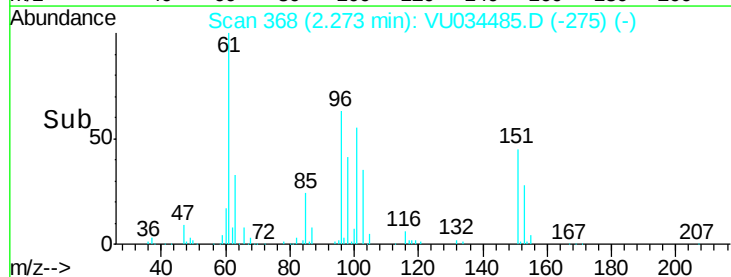
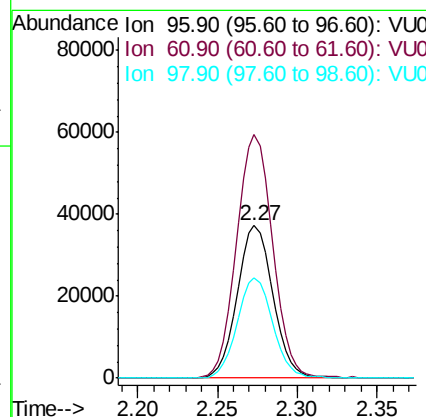
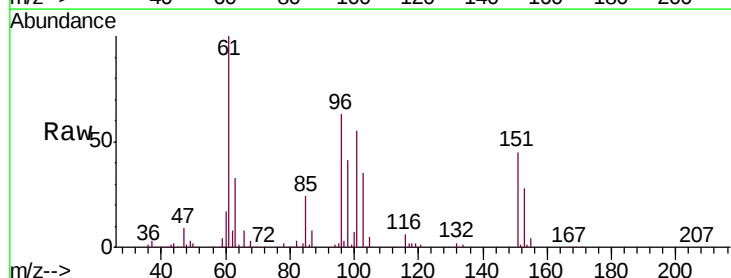
MMDadoda  
 9/13/2019 6:57:24 AM

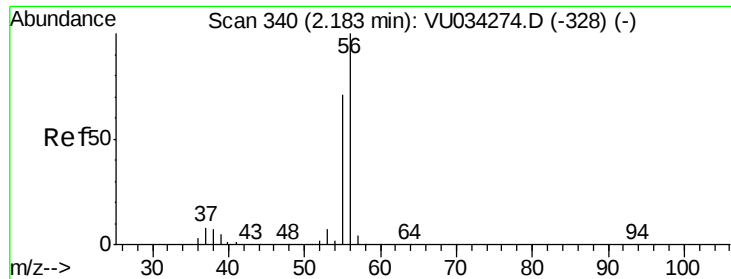


#12

1,1-Dichloroethene  
 Concen: 20.485 ug/l  
 RT: 2.27 min Scan# 368  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 159.6 | 130.0 | 195.0 |
| 98      | 65.8  | 52.2  | 78.4  |





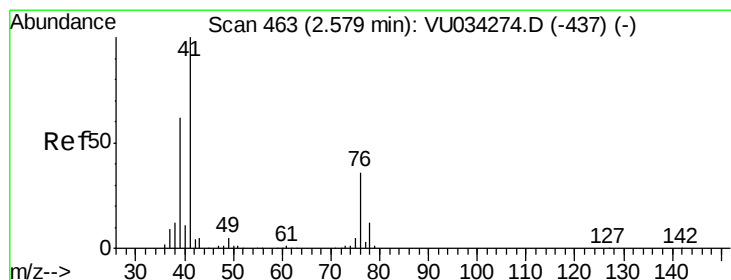
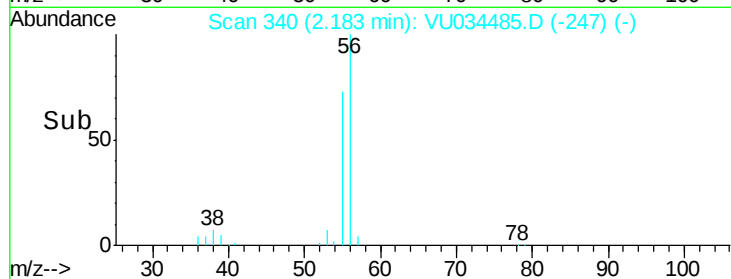
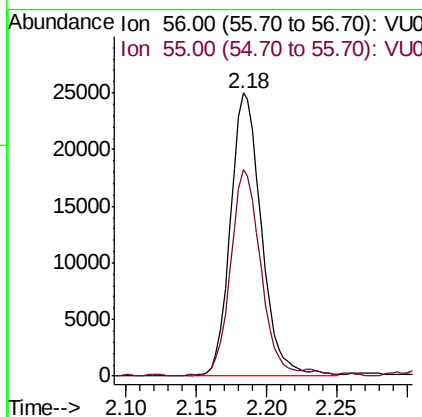
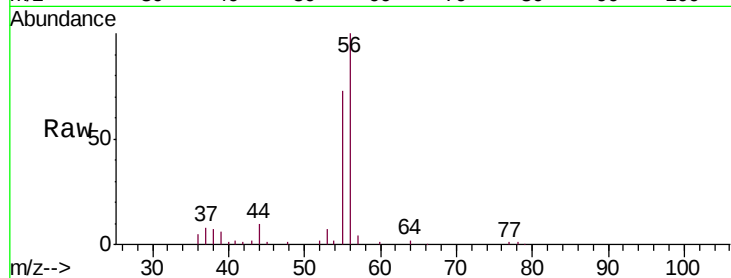
#13  
 Acrolein  
 Concen: 56.722 ug/l  
 RT: 2.18 min Scan# 340  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

Tgt Ion: 56 Resp: 38630  
 Ion Ratio Lower Upper  
 56 100  
 55 70.3 57.4 86.2

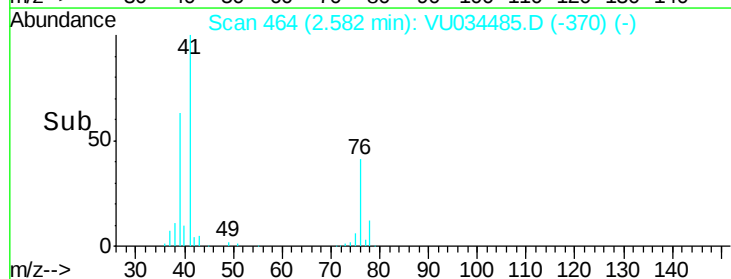
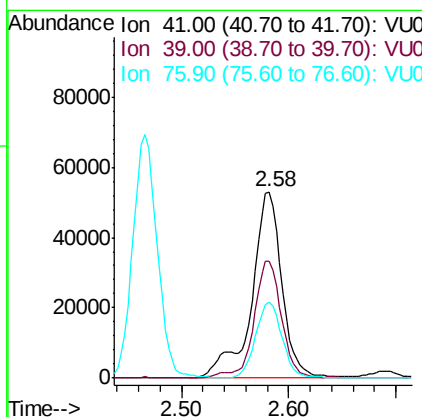
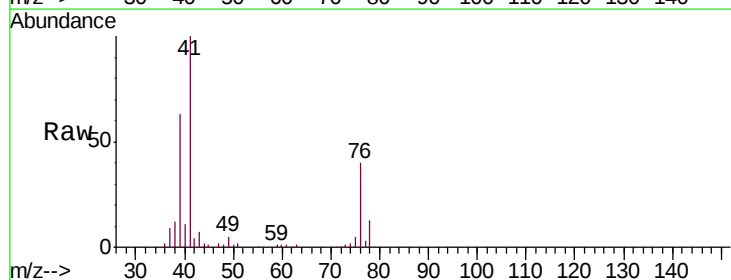
Manual Integrations  
 APPROVED

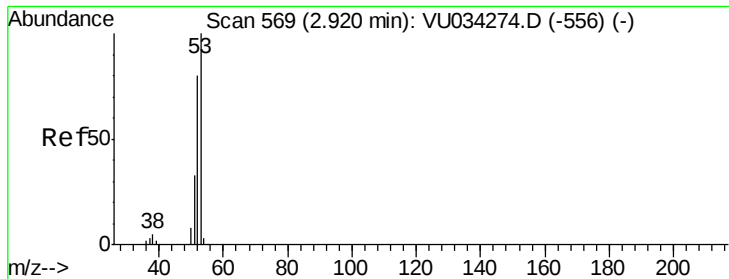
MMDadoda  
 9/13/2019 6:57:24 AM



#14  
 Allyl chloride  
 Concen: 19.679 ug/l m  
 RT: 2.58 min Scan# 464  
 Delta R.T. 0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Tgt Ion: 41 Resp: 103765  
 Ion Ratio Lower Upper  
 41 100  
 39 56.8 43.5 65.3  
 76 35.3 27.0 40.6





#15

Acrylonitrile

Concen: 107.312 ug/l

RT: 2.92 min Scan# 569

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

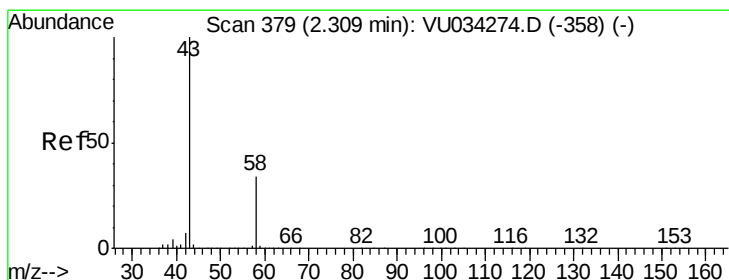
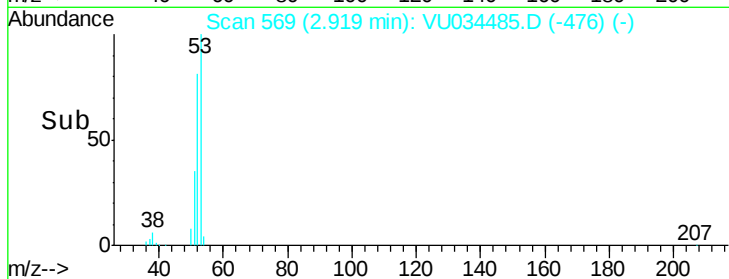
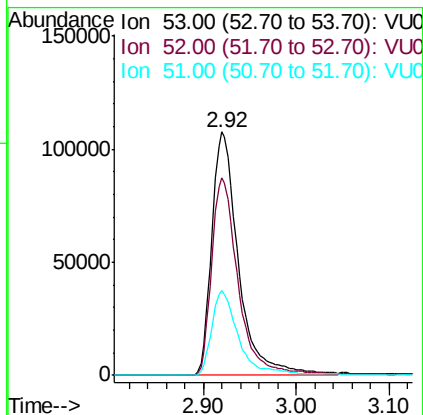
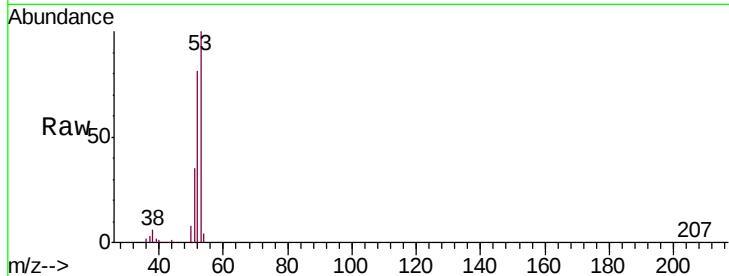
ClientSampleId :

VU0912WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 216536 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.0  | 64.1  | 96.1   |
| 51       | 35.0  | 27.4  | 41.0   |

Manual Integrations  
APPROVED

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9/13/2019 6:57:24 AM



#16

Acetone

Concen: 88.438 ug/l

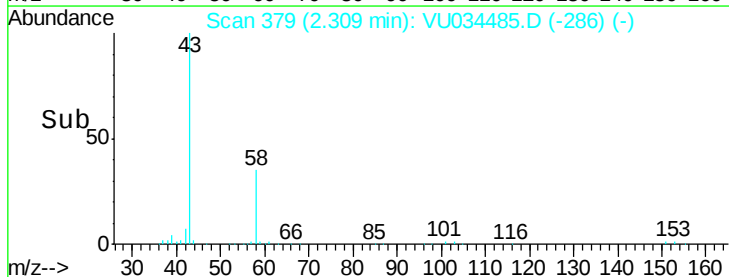
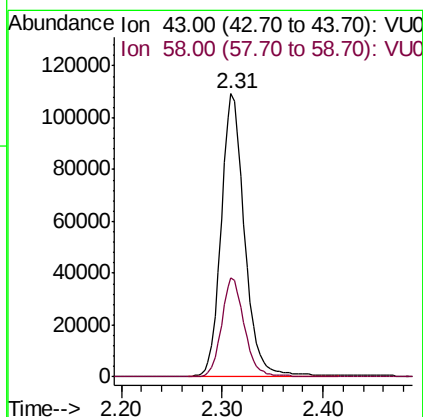
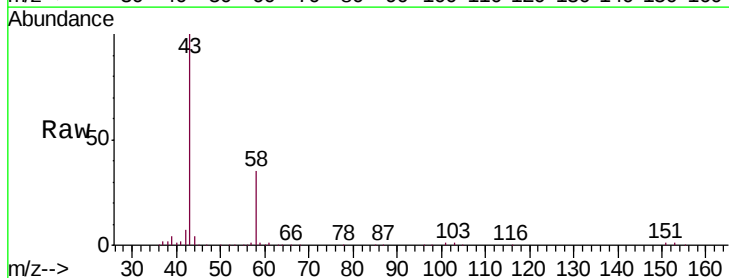
RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 175534 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 35.1  | 27.6  | 41.4   |





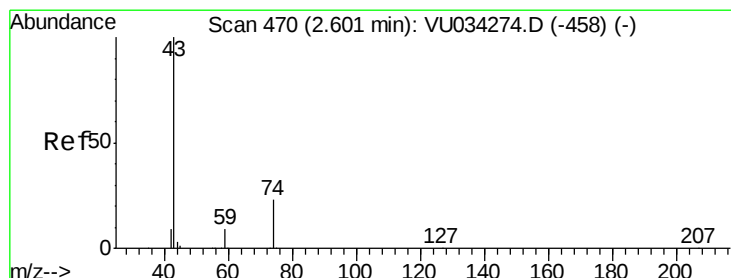
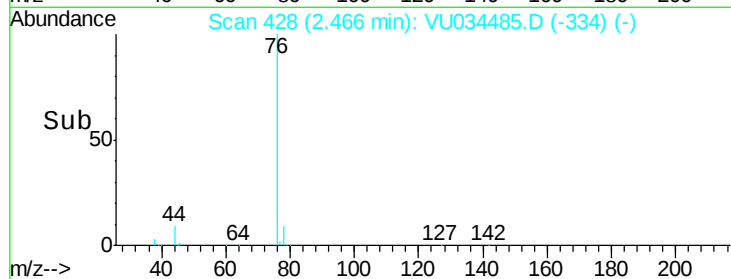
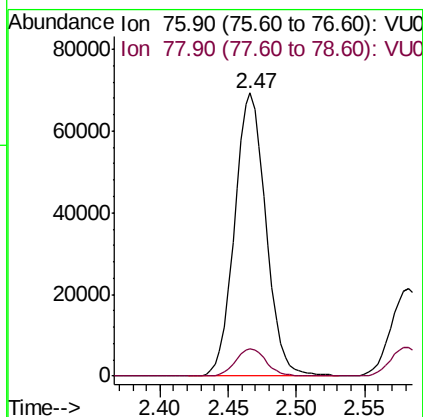
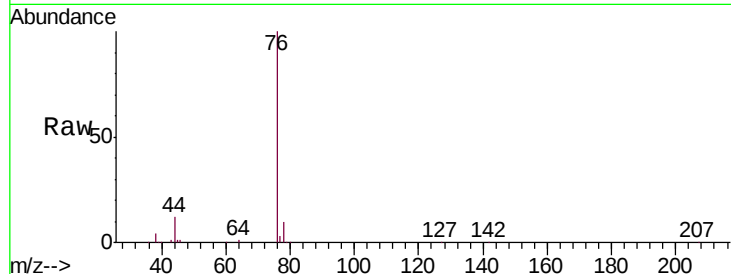
#17  
Carbon Disulfide  
Concen: 17.800 ug/l  
RT: 2.47 min Scan# 428  
Delta R.T. 0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0912WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.6   | 7.2   | 10.8  |

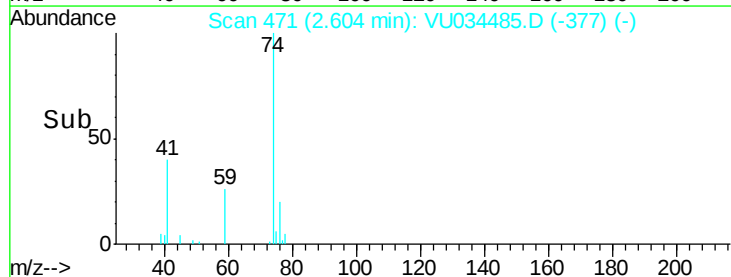
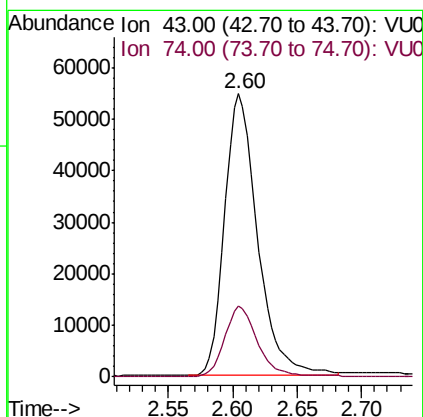
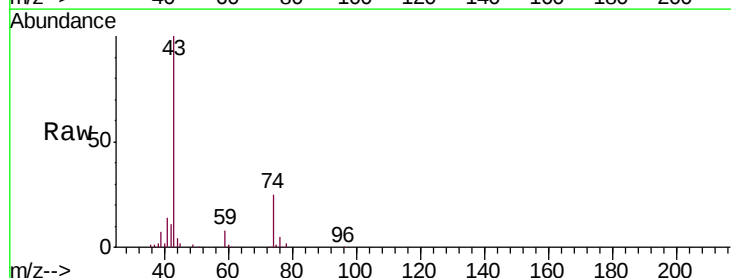
Manual Integrations  
APPROVED

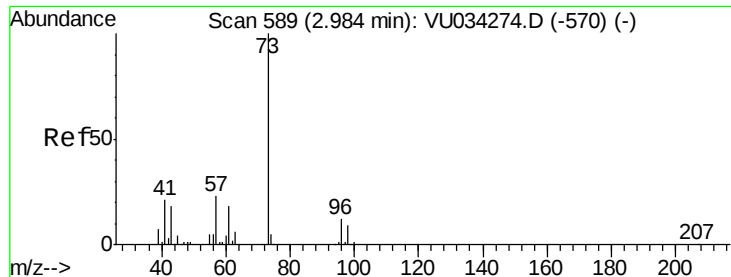
MMDadoda  
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#18  
Methyl Acetate  
Concen: 20.190 ug/l  
RT: 2.60 min Scan# 471  
Delta R.T. 0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.0  | 18.9  | 28.3  |





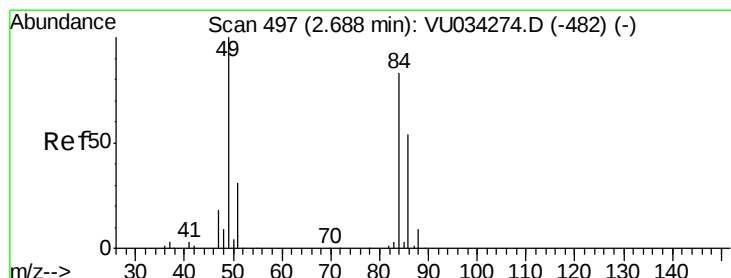
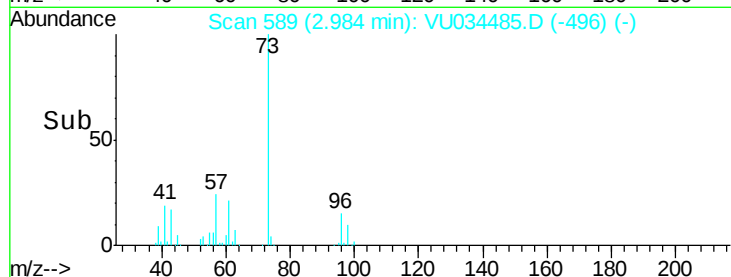
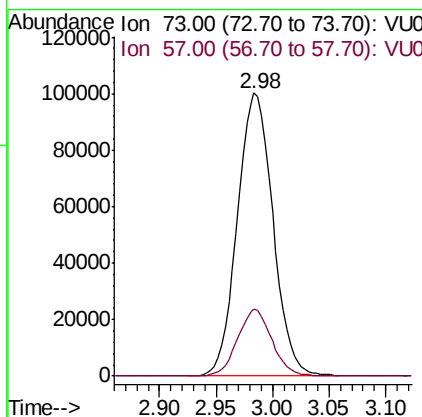
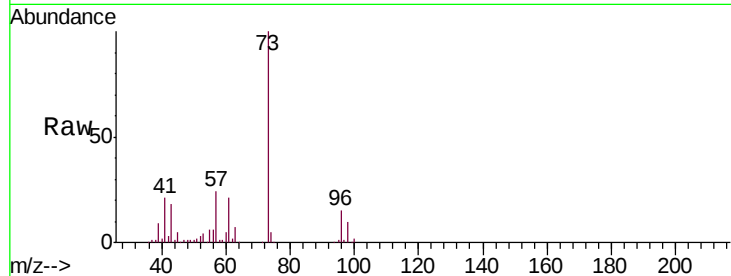
#19  
Methyl tert-butyl Ether  
Concen: 21.870 ug/l  
RT: 2.98 min Scan# 589  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0912WBSD01

Tgt Ion: 73 Resp: 219856  
Ion Ratio Lower Upper  
73 100  
57 23.8 18.2 27.4

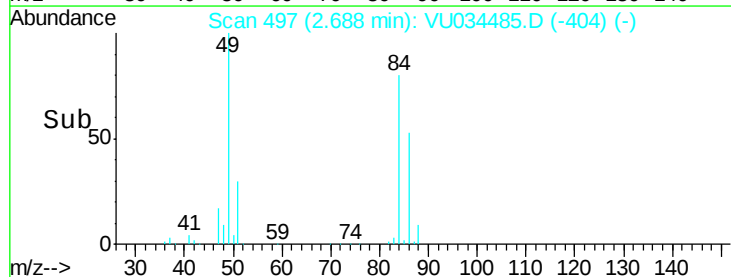
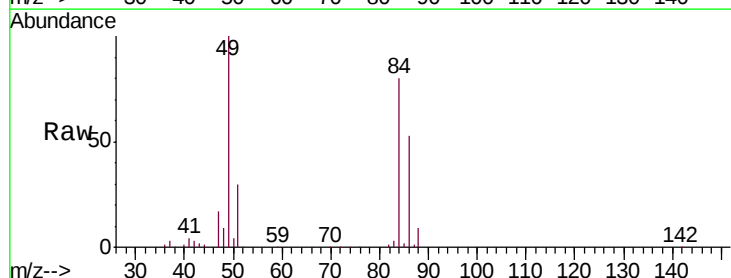
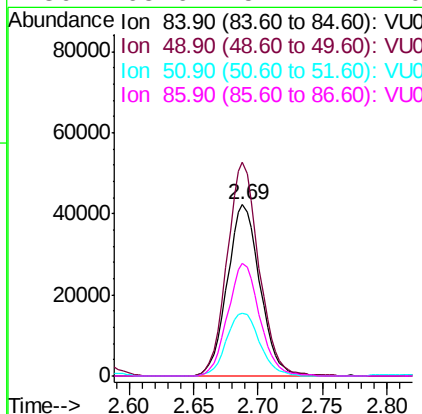
Manual Integrations  
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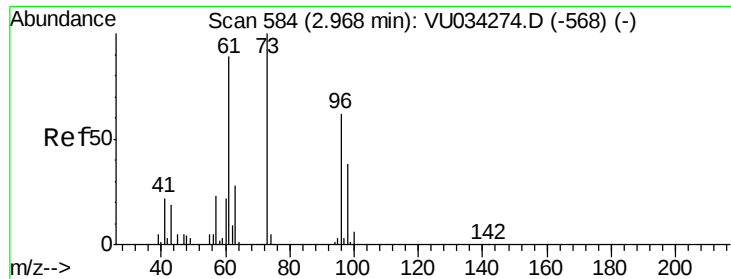
MMDadoda  
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#20  
Methylene Chloride  
Concen: 22.699 ug/l  
RT: 2.69 min Scan# 497  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Tgt Ion: 84 Resp: 74504  
Ion Ratio Lower Upper  
84 100  
49 124.8 96.0 144.0  
51 37.0 30.0 45.0  
86 65.6 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 20.433 ug/l

RT: 2.97 min Scan# 584

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

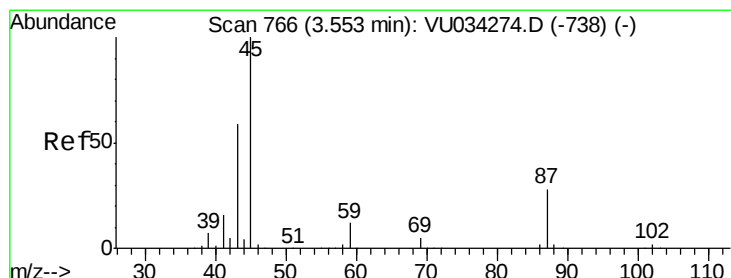
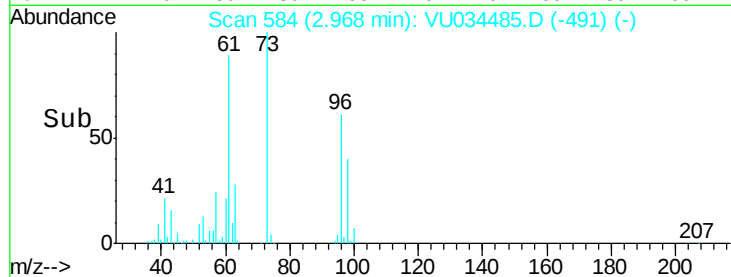
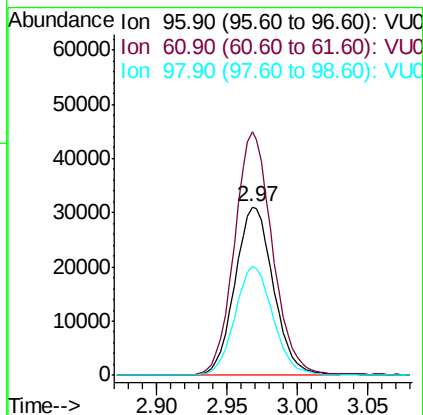
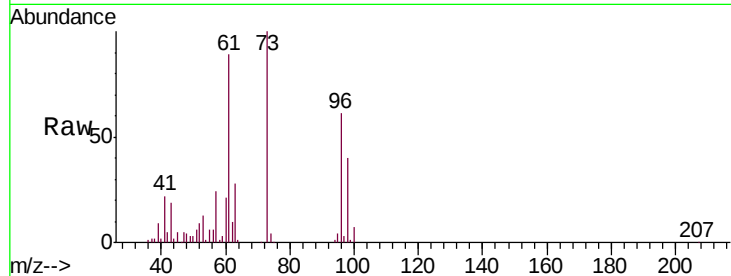
ClientSampleId :

VU0912WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 59387 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 144.5 | 114.8 | 172.2 |
| 98       | 64.7  | 49.8  | 74.8  |

Manual Integrations  
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MMDadoda  
9/13/2019 6:57:24 AM



#22

Diisopropyl ether

Concen: 22.355 ug/l

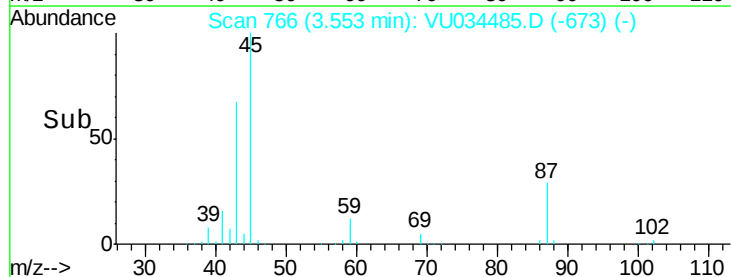
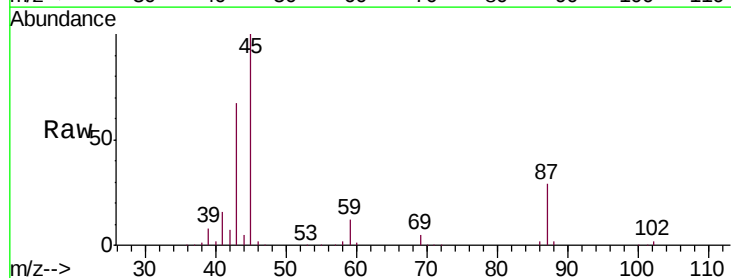
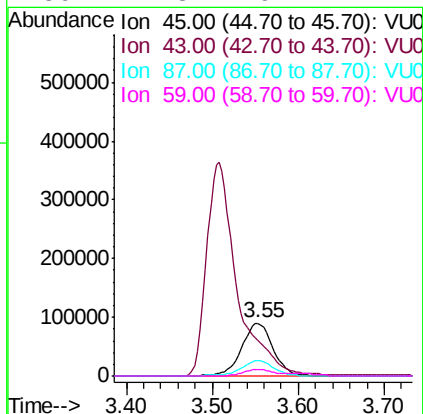
RT: 3.55 min Scan# 766

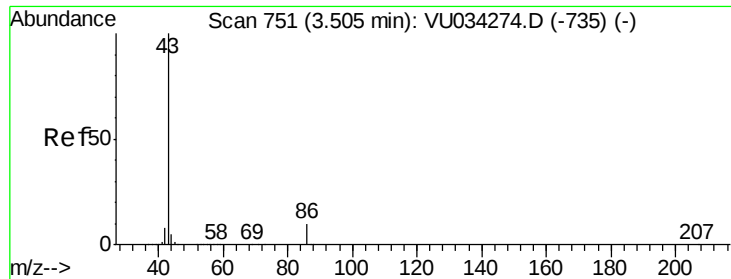
Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 229874 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 65.6  | 47.5  | 71.3   |
| 87       | 29.0  | 22.2  | 33.4   |
| 59       | 12.3  | 9.4   | 14.2   |





#23

Vinyl Acetate

Concen: 108.149 ug/l

RT: 3.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0912WBSD01

Tgt Ion: 43 Resp: 905852

Ion Ratio Lower Upper

43 100

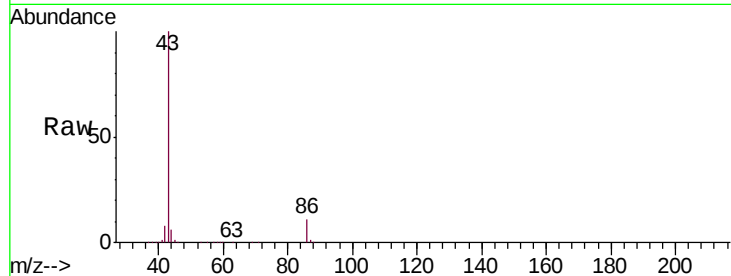
86 10.6 8.3 12.5

Manual Integrations

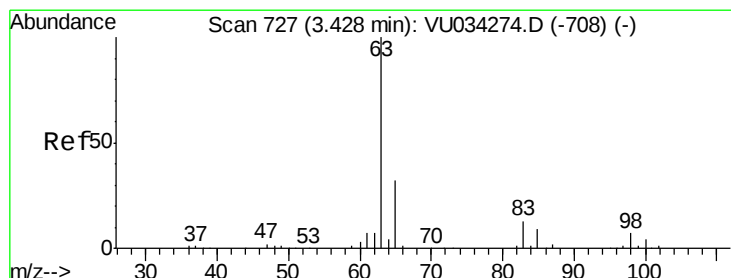
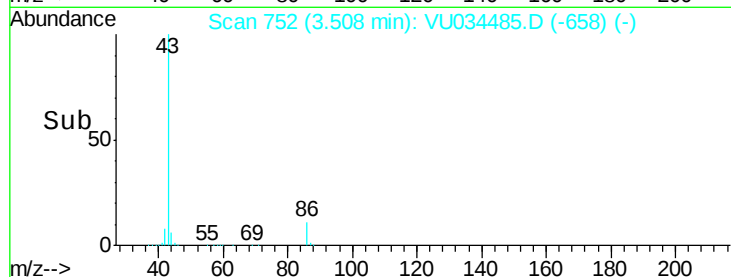
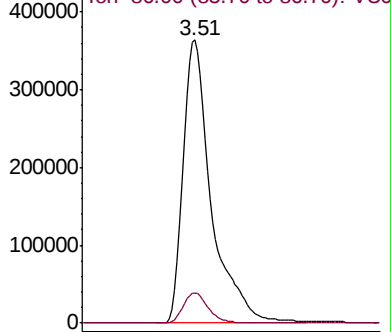
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9/13/2019 6:57:24 AM



Abundance Ion 43.00 (42.70 to 43.70): VU034485.D (-658) (-)



#24

1,1-Dichloroethane

Concen: 21.726 ug/l

RT: 3.43 min Scan# 727

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

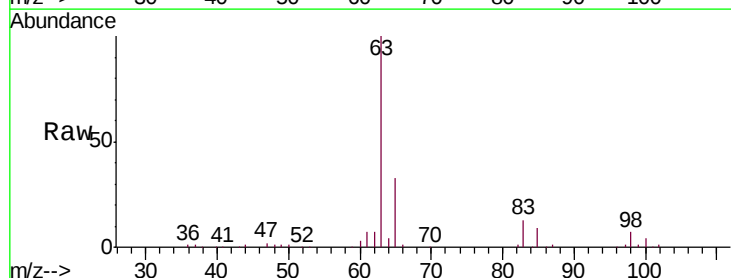
Tgt Ion: 63 Resp: 133418

Ion Ratio Lower Upper

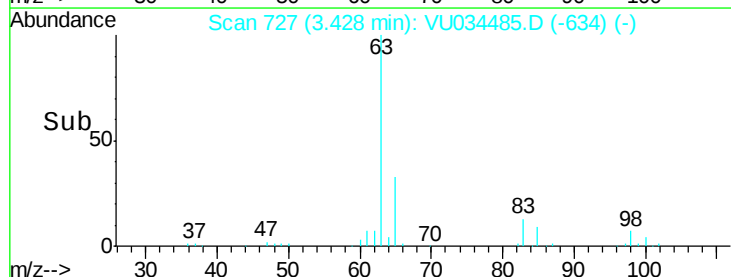
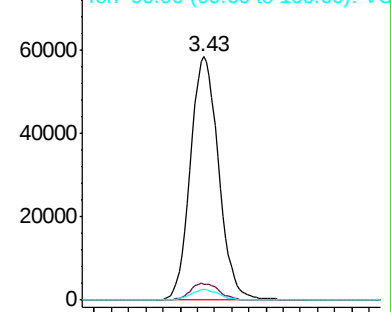
63 100

98 6.7 3.5 10.4

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VU034485.D (-634) (-)





#25

2-Butanone

Concen: 100.672 ug/l

RT: 4.24 min Scan# 980

Delta R.T. 0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0912WBSD01

Tgt Ion: 43 Resp: 266729

Ion Ratio Lower Upper

43 100

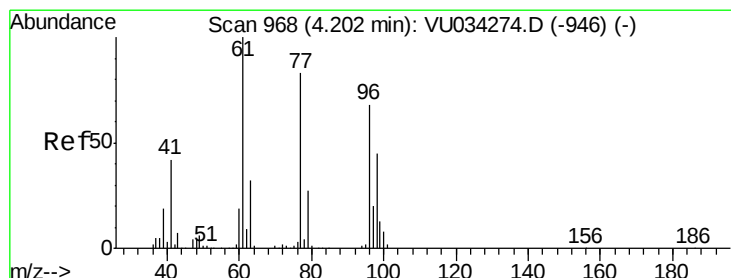
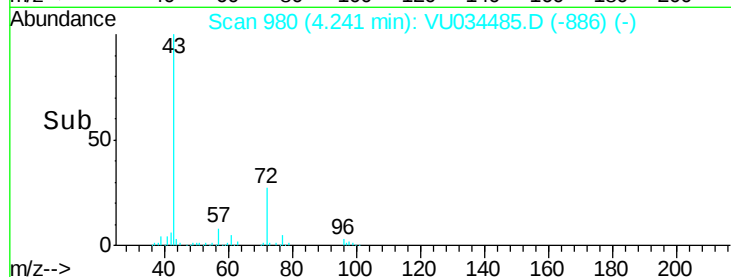
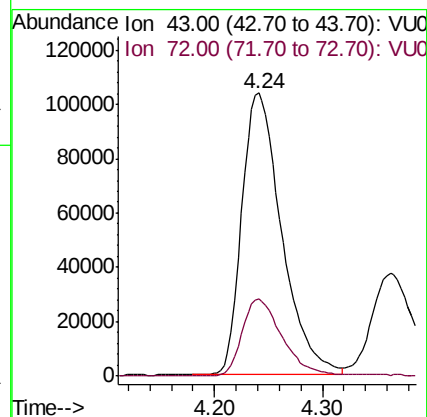
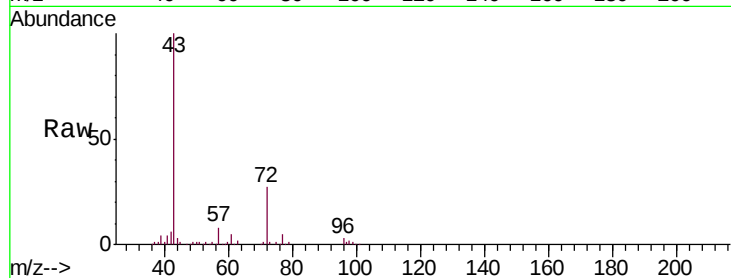
72 27.3 21.8 32.6

Manual Integrations

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9/13/2019 6:57:24 AM



#26

2,2-Dichloropropane

Concen: 20.694 ug/l

RT: 4.20 min Scan# 968

Delta R.T. -0.00 min

Lab File: VU034485.D

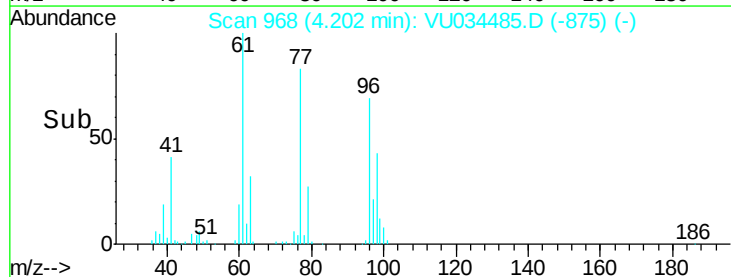
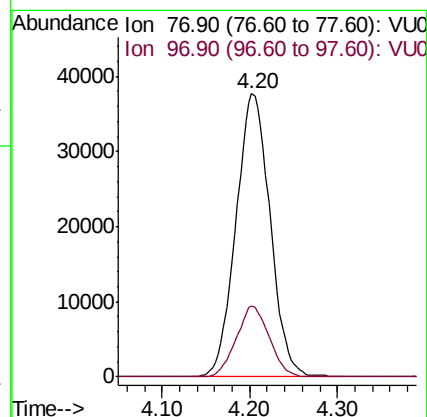
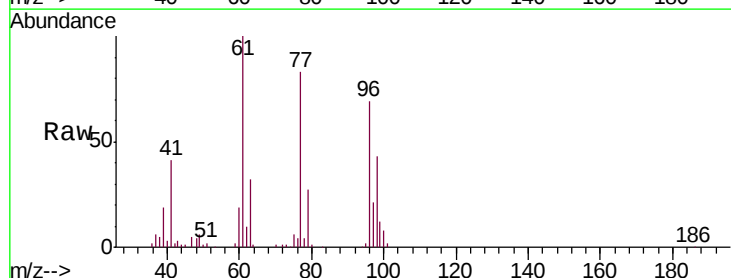
Acq: 11 Sep 2019 19:29

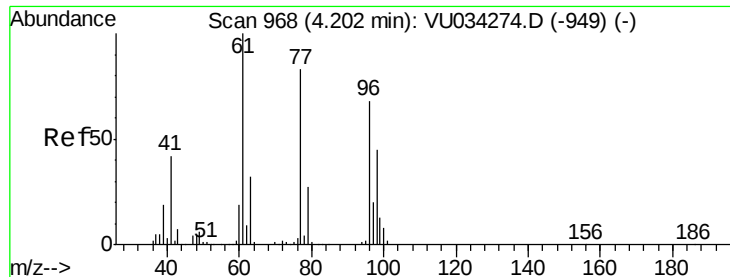
Tgt Ion: 77 Resp: 102205

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.3





#27

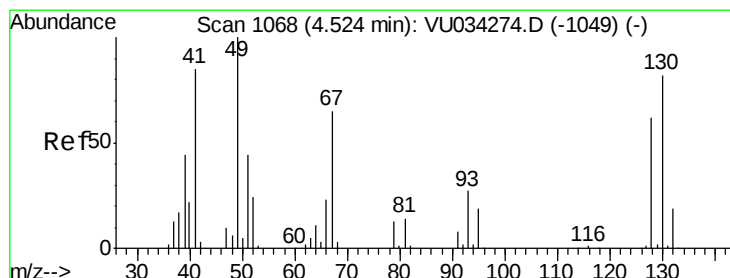
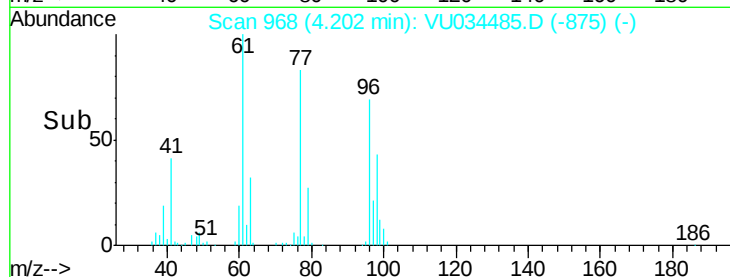
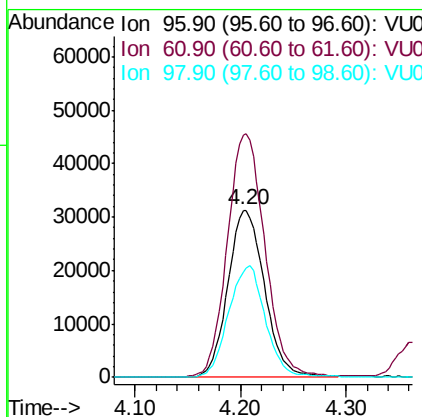
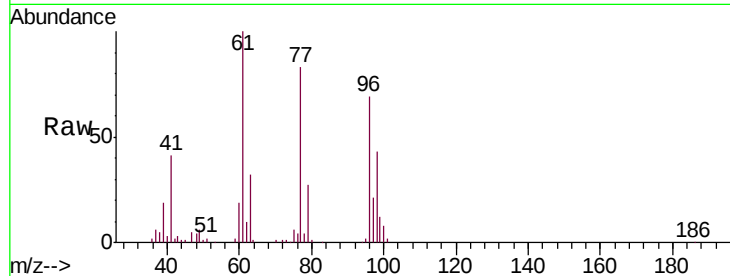
cis-1,2-Dichloroethene  
 Concen: 21.440 ug/l  
 RT: 4.20 min Scan# 968  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 149.6 | 0.0   | 297.4 |
| 98      | 66.5  | 0.0   | 130.0 |

Manual Integrations  
 APPROVED

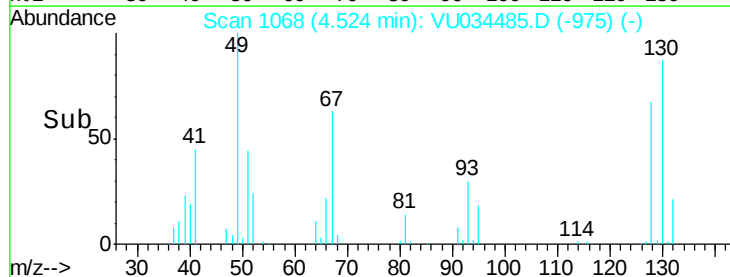
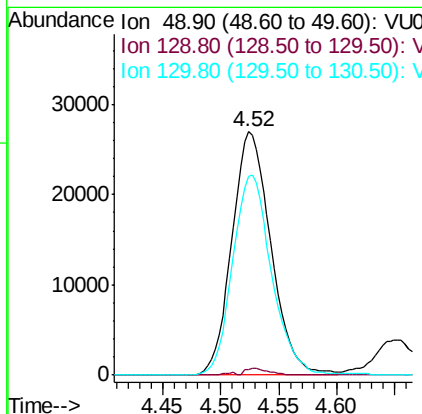
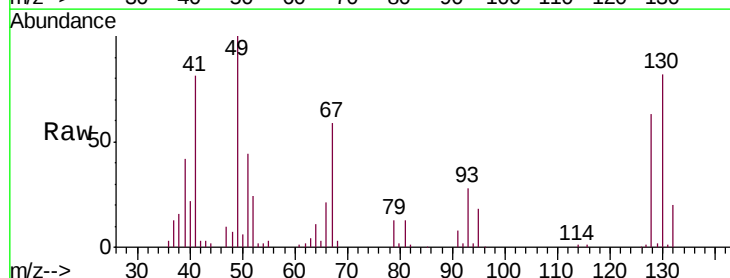
MMDadoda  
 9/13/2019 6:57:24 AM

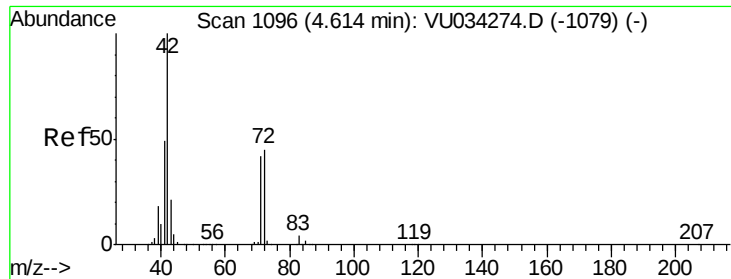


#28

Bromochloromethane  
 Concen: 22.382 ug/l  
 RT: 4.52 min Scan# 1068  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.6   | 0.0   | 3.8   |
| 130     | 81.7  | 65.2  | 97.8  |





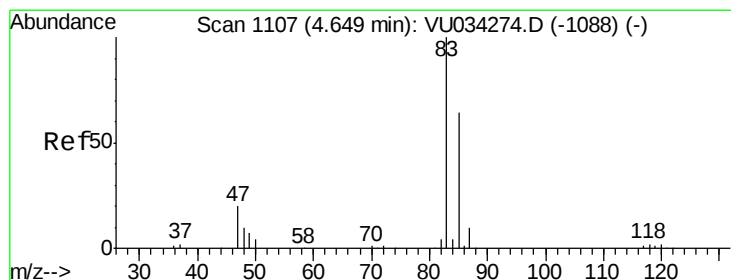
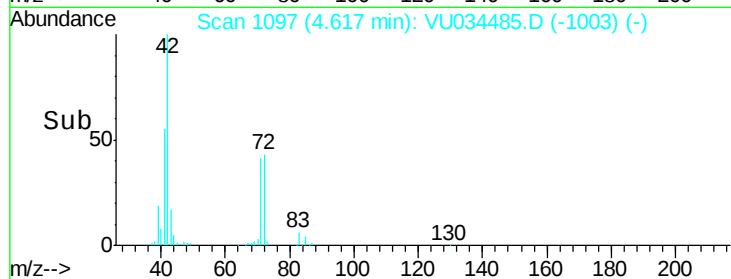
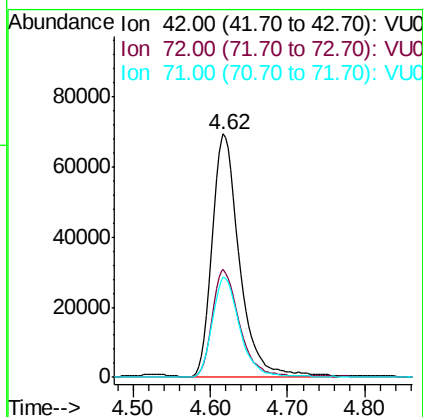
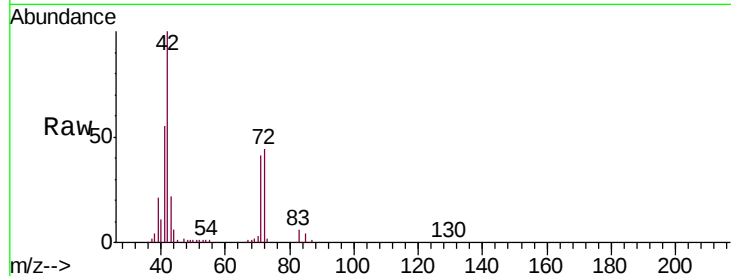
#29  
Tetrahydrofuran  
Concen: 106.770 ug/l  
RT: 4.62 min Scan# 1097  
Delta R.T. 0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0912WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.5  | 36.6  | 54.8  |
| 71      | 41.5  | 34.3  | 51.5  |

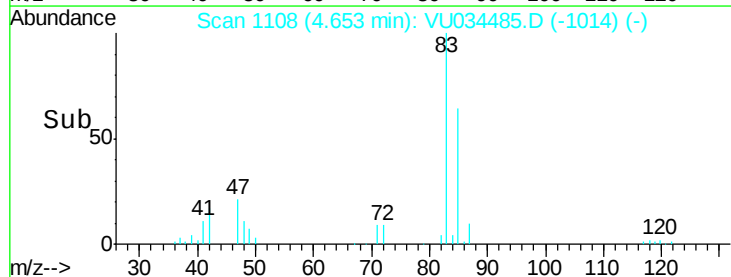
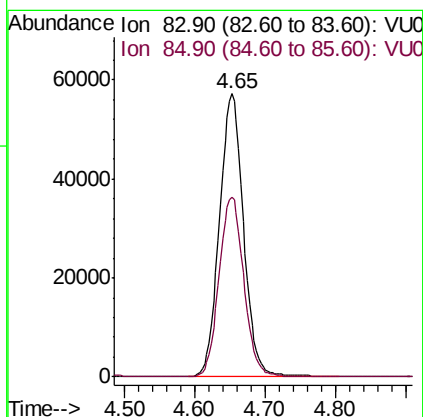
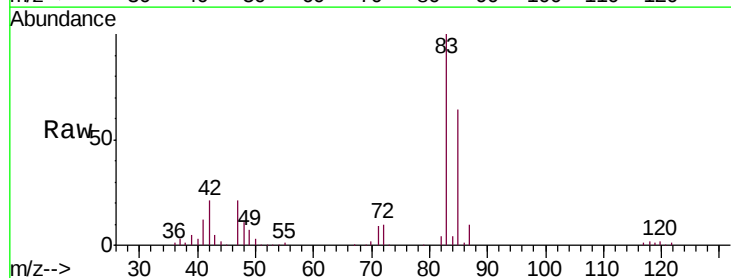
Manual Integrations  
APPROVED

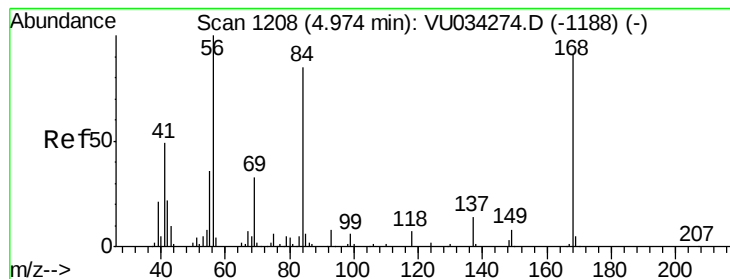
MMDadoda  
9/13/2019 6:57:24 AM



#30  
Chloroform  
Concen: 21.928 ug/l  
RT: 4.65 min Scan# 1108  
Delta R.T. 0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.7  | 51.5  | 77.3  |





#31

Cyclohexane

Concen: 19.722 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0912WBSD01

Tgt Ion: 56 Resp: 88601

Ion Ratio Lower Upper

56 100

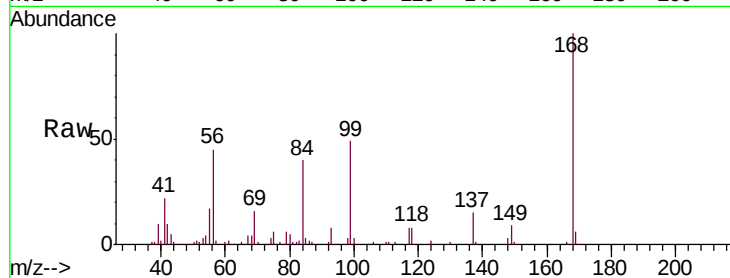
69 35.5 26.7 40.1

84 87.5 68.2 102.4

Manual Integrations  
APPROVED

MMDadoda

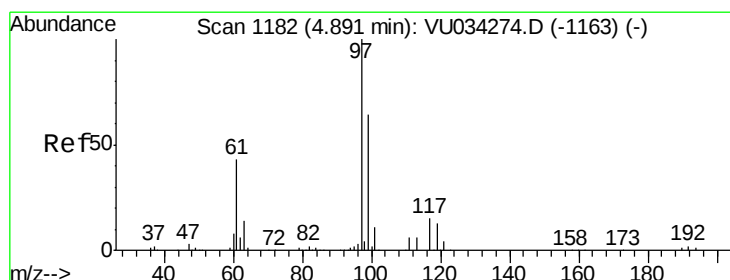
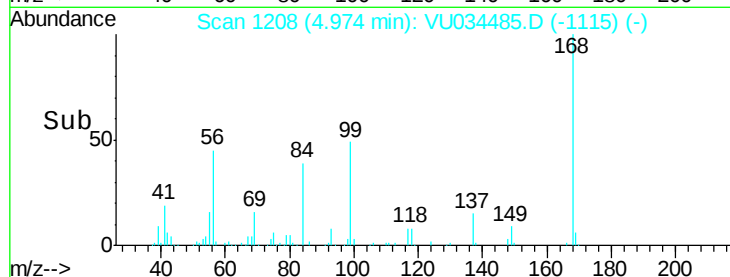
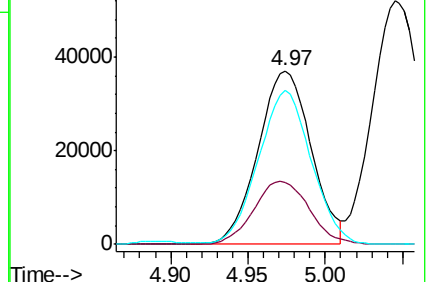
9/13/2019 6:57:24 AM



Abundance Ion 56.00 (55.70 to 56.70): VU034485.D (-1188) (-)

Ion 69.00 (68.70 to 69.70): VU034485.D (-1188) (-)

Ion 84.00 (83.70 to 84.70): VU034485.D (-1188) (-)



#32

1,1,1-Trichloroethane

Concen: 21.967 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

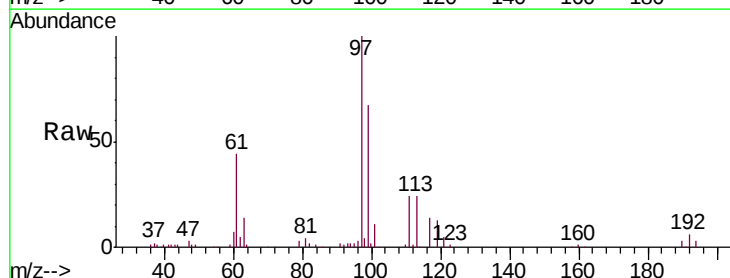
Tgt Ion: 97 Resp: 109627

Ion Ratio Lower Upper

97 100

99 64.6 50.9 76.3

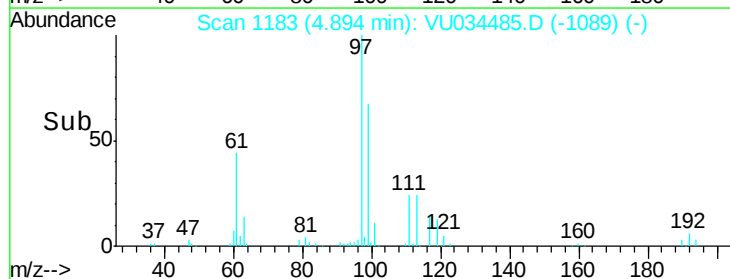
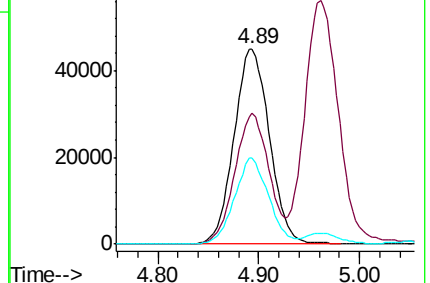
61 42.6 34.7 52.1

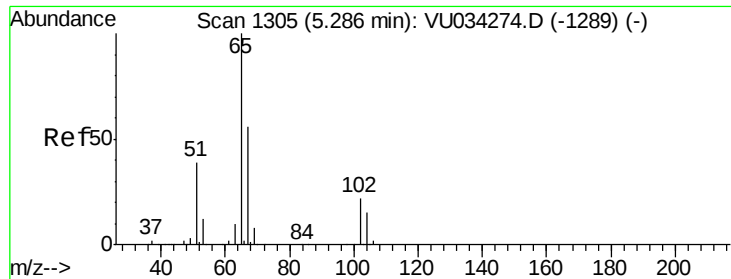


Abundance Ion 96.90 (96.60 to 97.60): VU034485.D (-1089) (-)

Ion 98.90 (98.60 to 99.60): VU034485.D (-1089) (-)

Ion 60.90 (60.60 to 61.60): VU034485.D (-1089) (-)





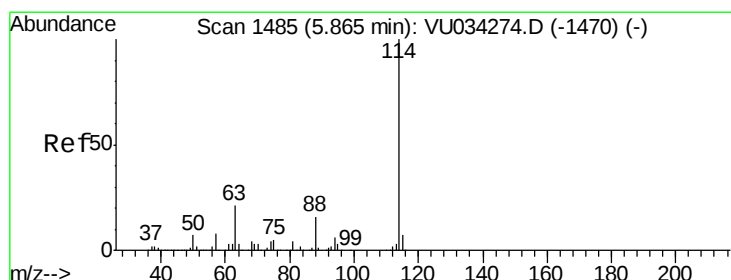
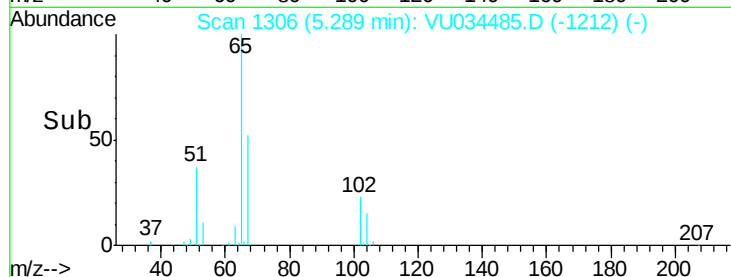
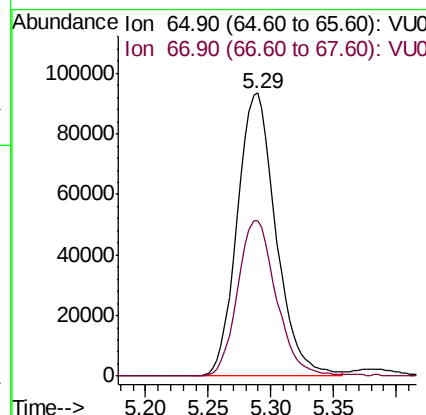
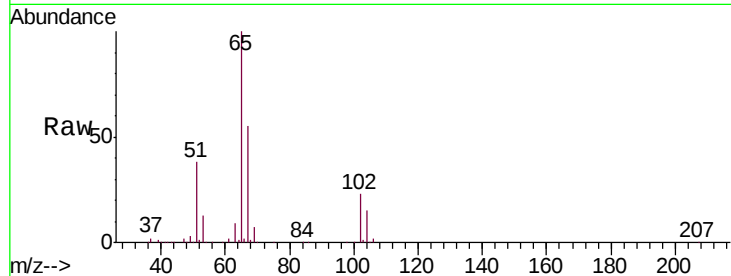
#33  
 1,2-Dichloroethane-d4  
 Concen: 52.365 ug/l  
 RT: 5.29 min Scan# 1306  
 Delta R.T. 0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 200842 |       |       |
| 67      | 55.1  | 0.0    | 112.4 |       |

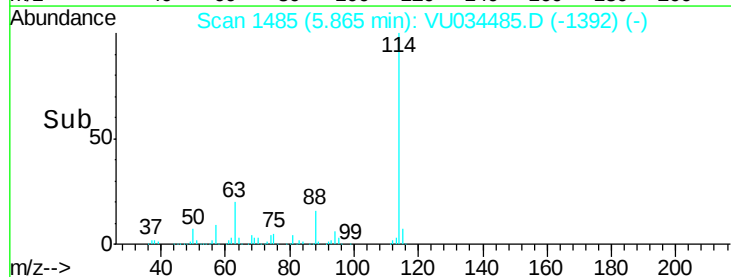
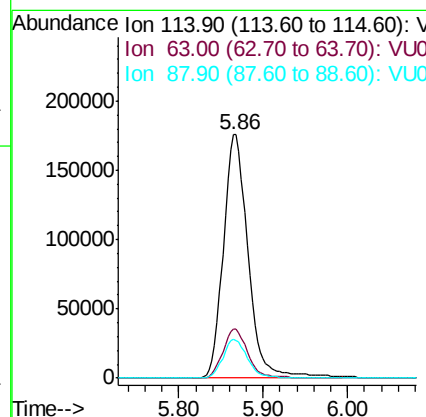
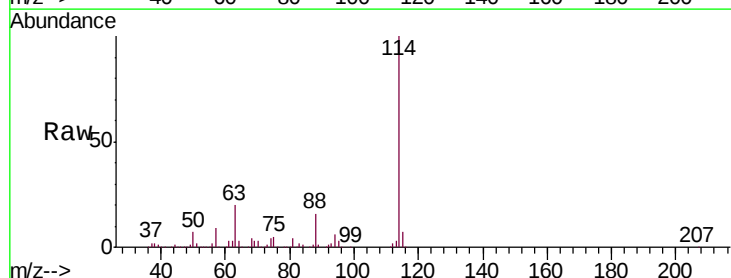
Manual Integrations  
 APPROVED

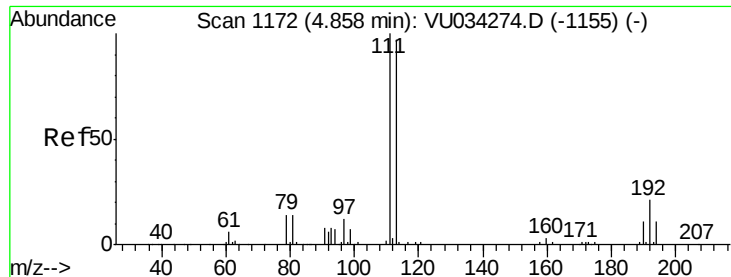
MMDadoda  
 9/13/2019 6:57:24 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.86 min Scan# 1485  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 359569 |       |       |
| 63      | 20.4  | 0.0    | 42.4  |       |
| 88      | 16.1  | 0.0    | 32.4  |       |





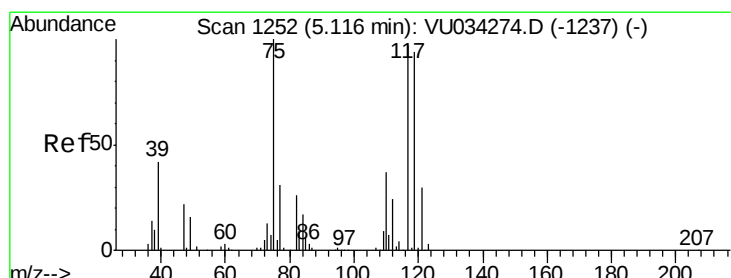
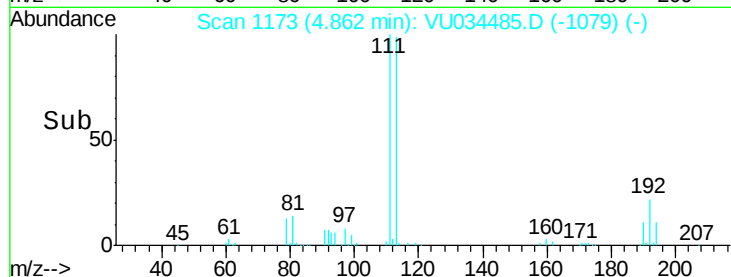
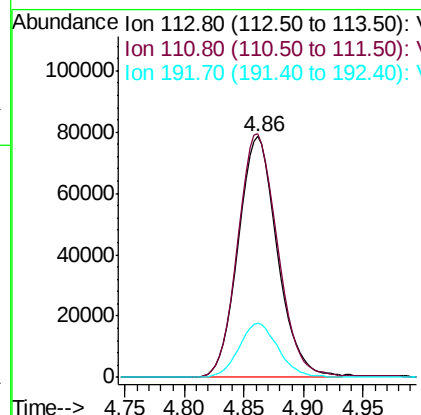
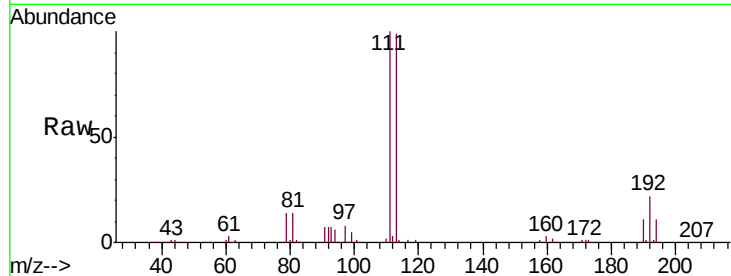
#35  
 Dibromofluoromethane  
 Concen: 53.607 ug/l  
 RT: 4.86 min Scan# 1173  
 Delta R.T. 0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleID :  
 VU0912WBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 179359 |       |       |
| 111     | 102.9 | 81.5   | 122.3 |       |
| 192     | 22.8  | 17.8   | 26.8  |       |

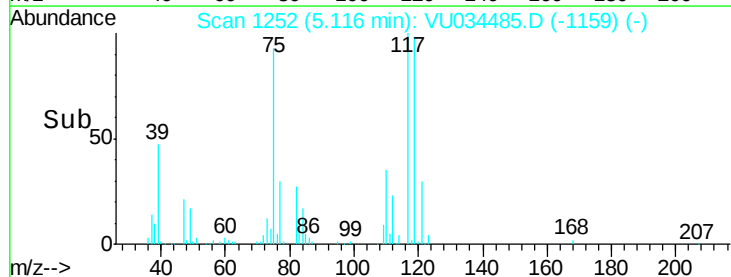
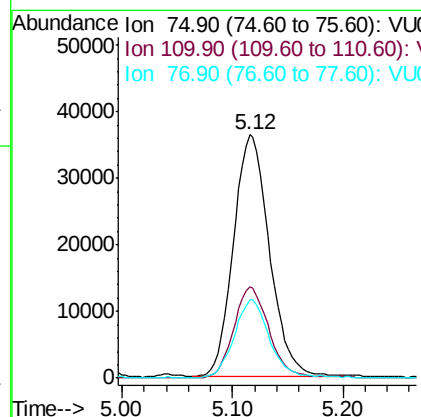
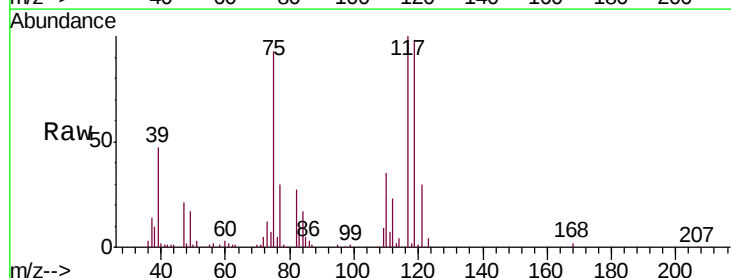
Manual Integrations  
 APPROVED

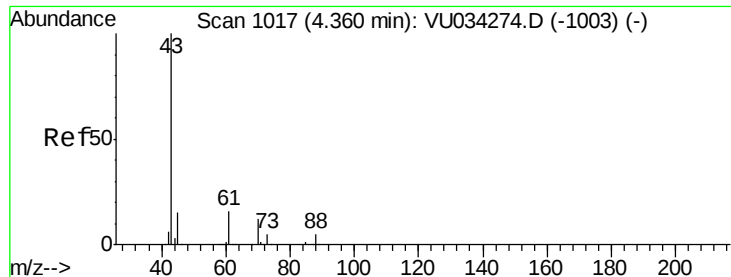
MMDadoda  
 9/13/2019 6:57:24 AM



#36  
 1,1-Dichloropropene  
 Concen: 20.900 ug/l  
 RT: 5.12 min Scan# 1252  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 81502 |       |       |
| 110     | 37.2  | 18.3  | 54.9  |       |
| 77      | 31.3  | 24.9  | 37.3  |       |





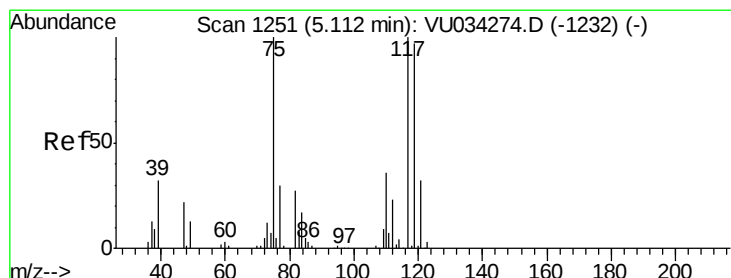
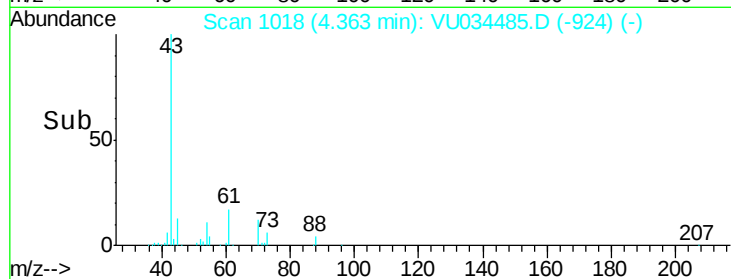
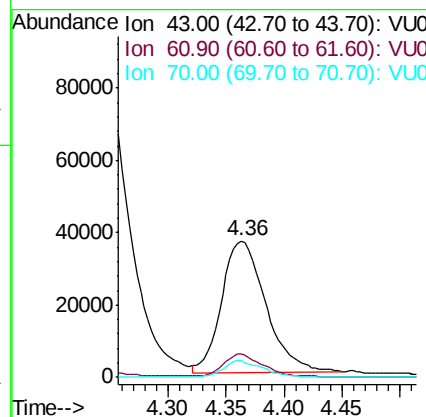
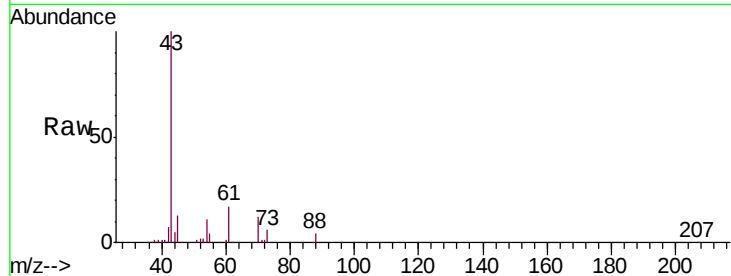
#37  
Ethyl Acetate  
Concen: 20.985 ug/l  
RT: 4.36 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0912WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.6  | 12.3  | 18.5  |
| 70      | 11.6  | 9.1   | 13.7  |

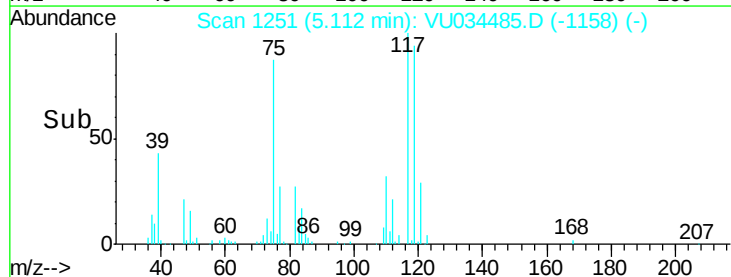
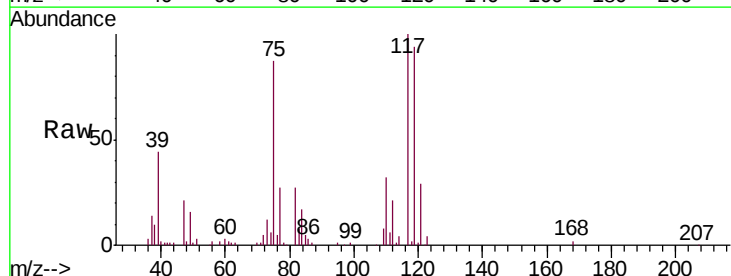
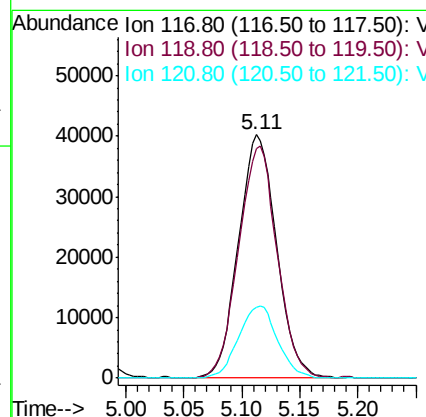
Manual Integrations  
APPROVED

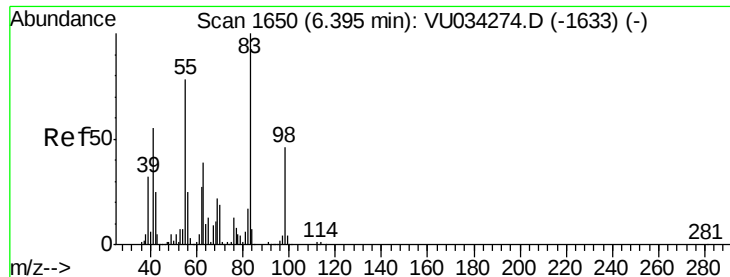
MMDadoda  
9/13/2019 6:57:24 AM



#38  
Carbon Tetrachloride  
Concen: 22.115 ug/l  
RT: 5.11 min Scan# 1251  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.1  | 77.8  | 116.6 |
| 121     | 29.2  | 25.2  | 37.8  |





#39

Methylcyclohexane

Concen: 19.479 ug/l

RT: 6.40 min Scan# 1650

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

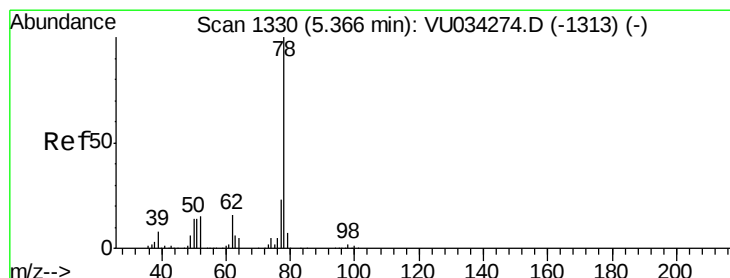
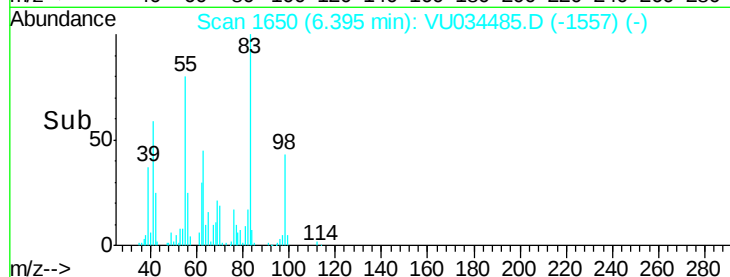
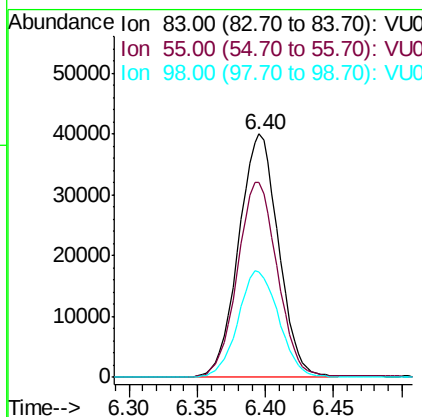
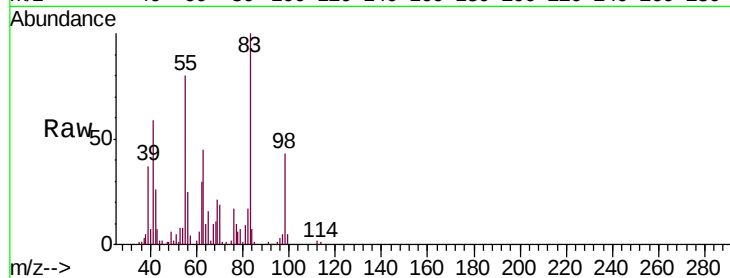
ClientSampleId :

VU0912WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 81202 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 80.1  | 62.1  | 93.1  |
| 98       | 43.2  | 37.0  | 55.6  |

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#40

Benzene

Concen: 22.079 ug/l

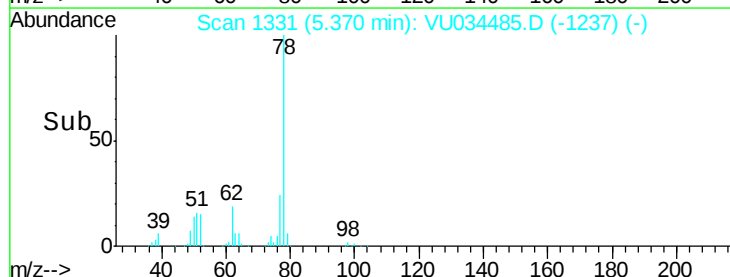
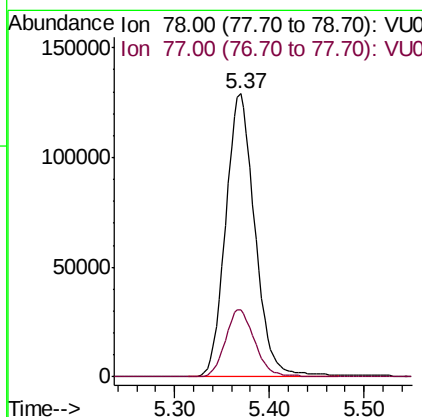
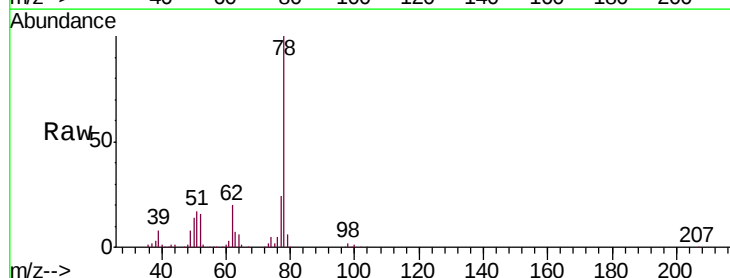
RT: 5.37 min Scan# 1331

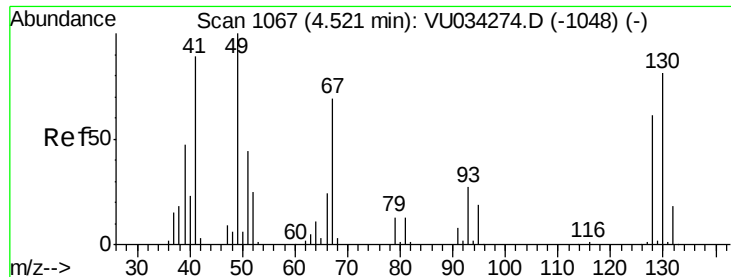
Delta R.T. 0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 277825 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.6  | 18.7  | 28.1   |





#41

Methacrylonitrile

Concen: 22.366 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0912WBSD01

Tgt Ion: 41 Resp: 54927  
Ion Ratio Lower Upper

41 100

39 50.7 41.0 61.4

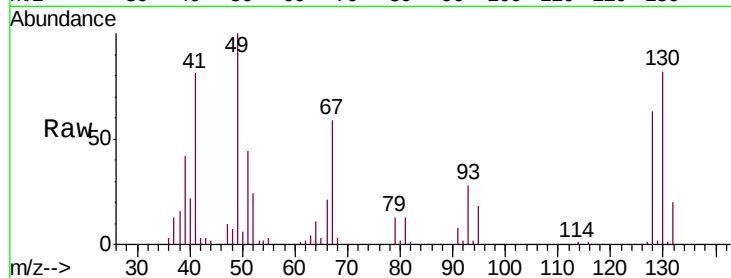
67 78.9 62.4 93.6

52 30.2 23.6 35.4

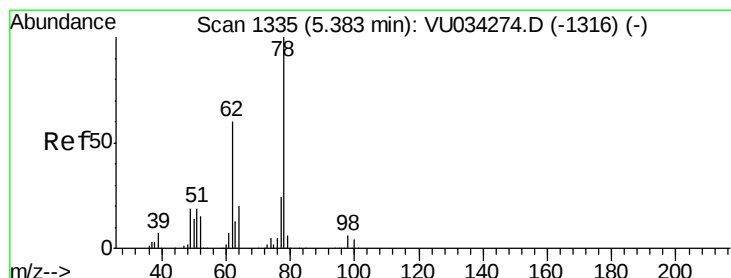
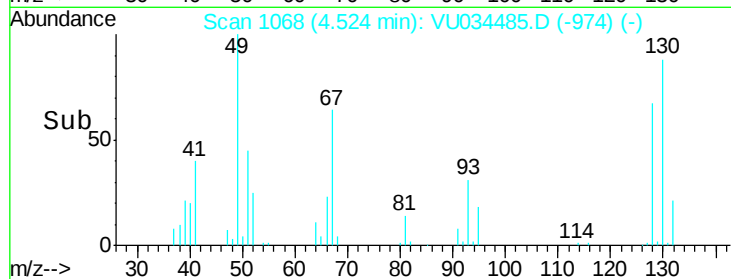
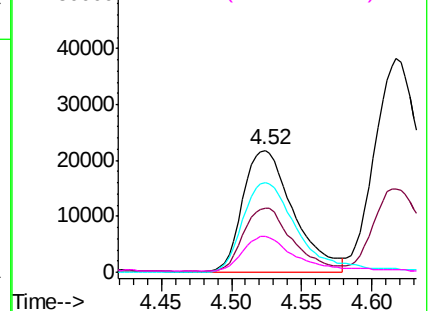
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Abundance Ion 41.00 (40.70 to 41.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0  
Ion 67.00 (66.70 to 67.70): VU0  
Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 22.893 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

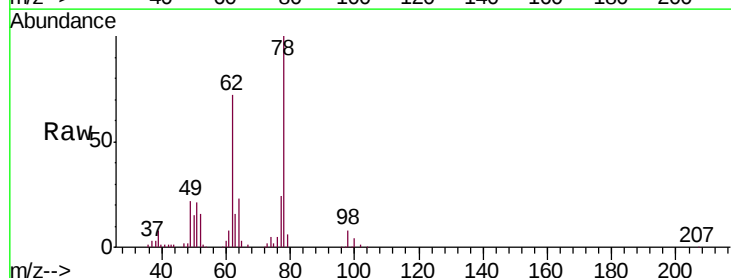
Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

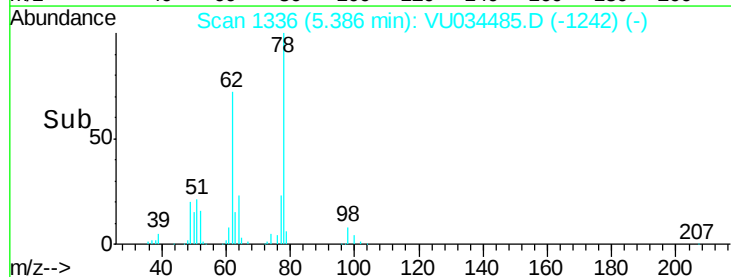
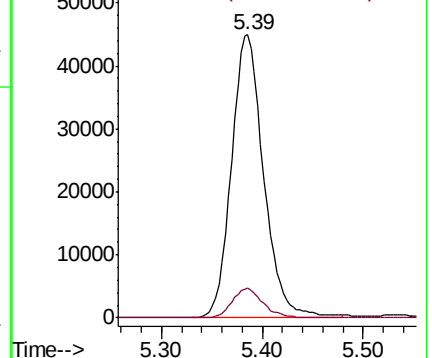
Tgt Ion: 62 Resp: 100012  
Ion Ratio Lower Upper

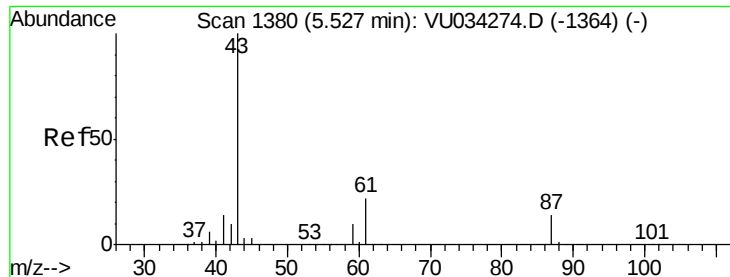
62 100

98 10.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VU0  
Ion 97.90 (97.60 to 98.60): VU0





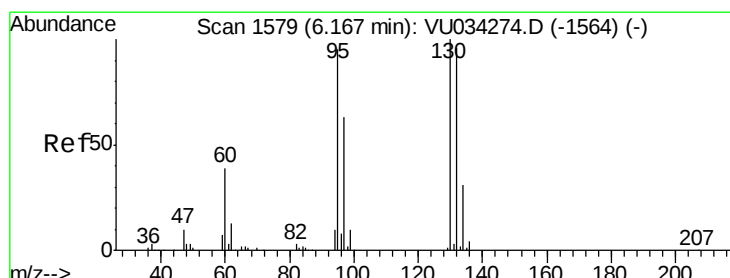
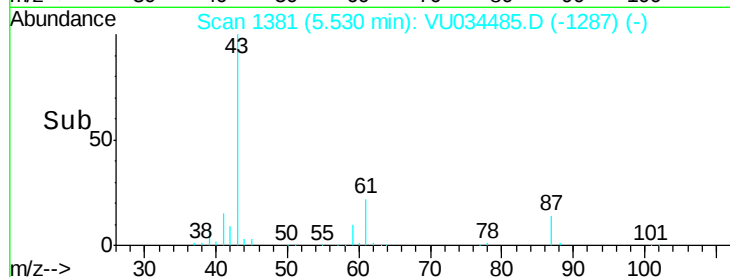
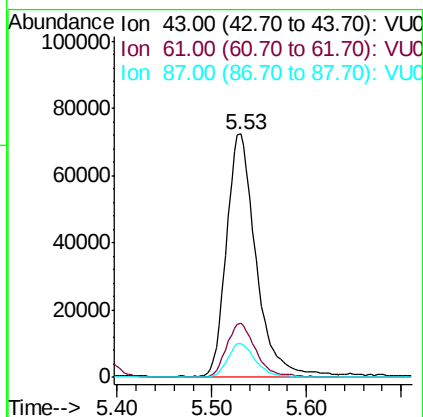
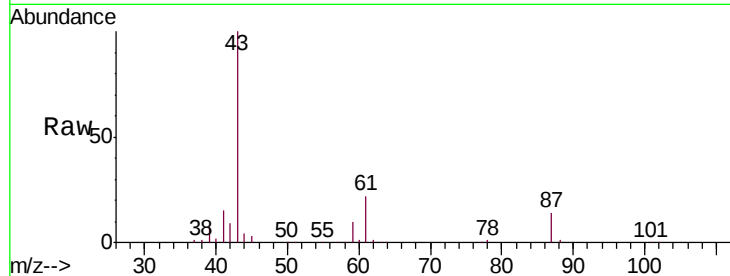
#43  
Isopropyl Acetate  
Concen: 21.638 ug/l  
RT: 5.53 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0912WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 22.2  | 17.1  | 25.7  |
| 87      | 13.6  | 11.1  | 16.7  |

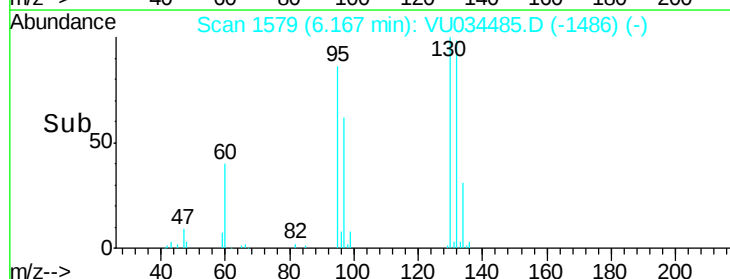
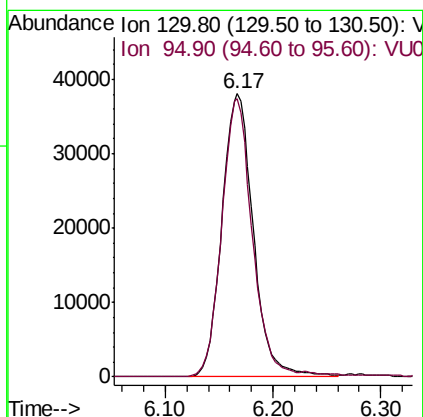
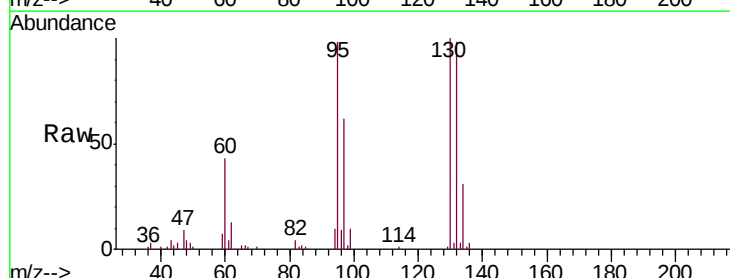
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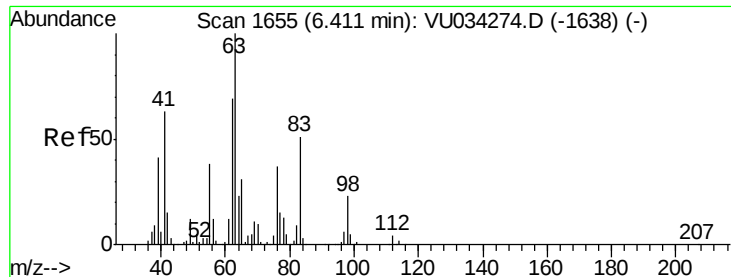
MMDadoda  
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#44  
Trichloroethene  
Concen: 22.169 ug/l  
RT: 6.17 min Scan# 1579  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 98.5  | 0.0   | 189.2 |





#45

1,2-Dichloropropane

Concen: 22.562 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0912WBSD01

Tgt Ion: 63 Resp: 82995

Ion Ratio Lower Upper

63 100

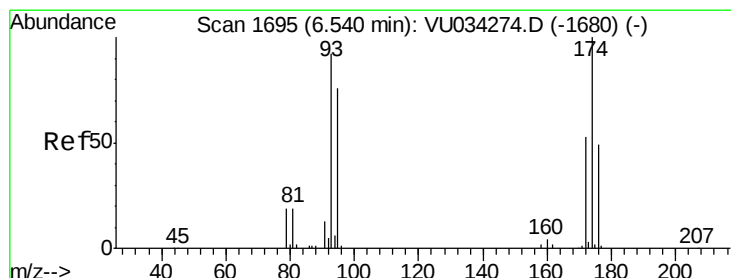
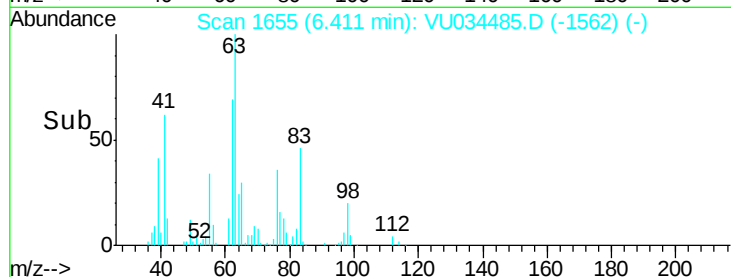
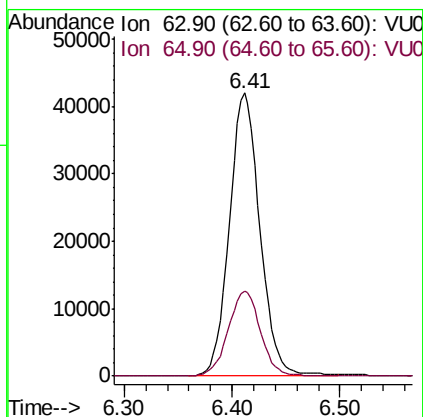
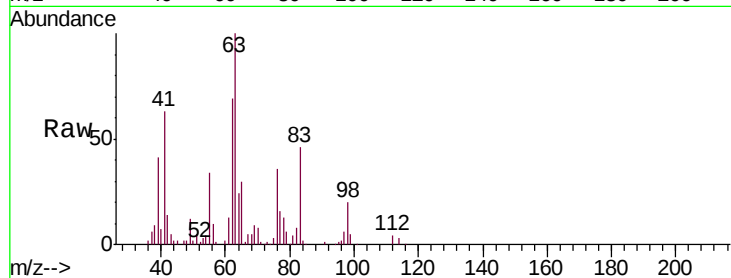
65 30.1 24.6 37.0

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#46

Dibromomethane

Concen: 22.099 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

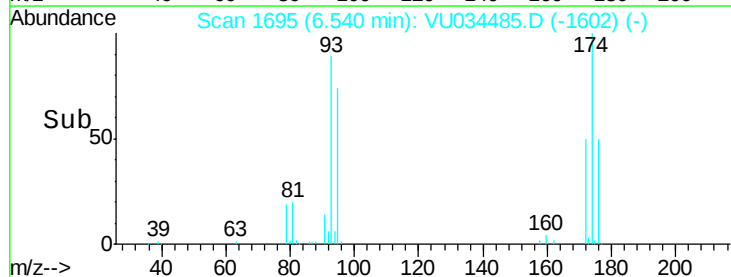
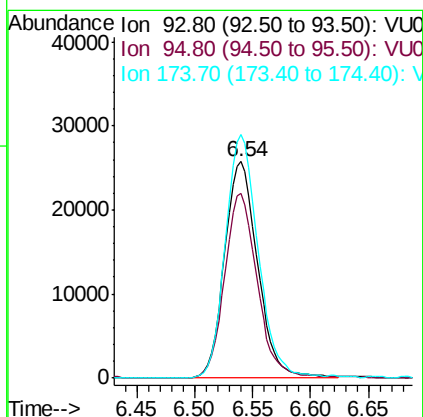
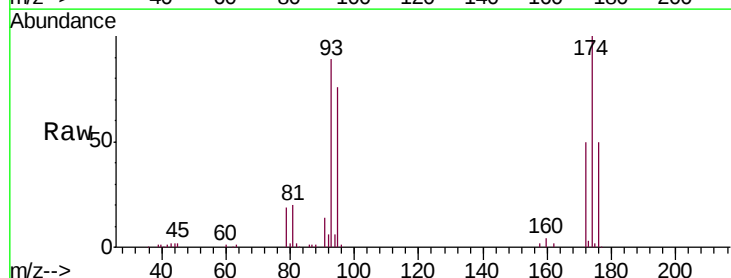
Tgt Ion: 93 Resp: 51028

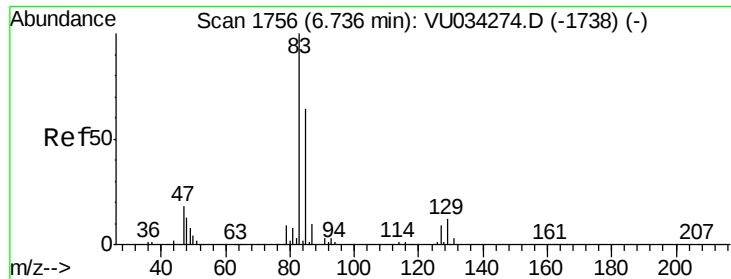
Ion Ratio Lower Upper

93 100

95 83.9 66.5 99.7

174 110.9 87.8 131.6





#47

Bromodichloromethane

Concen: 22.759 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

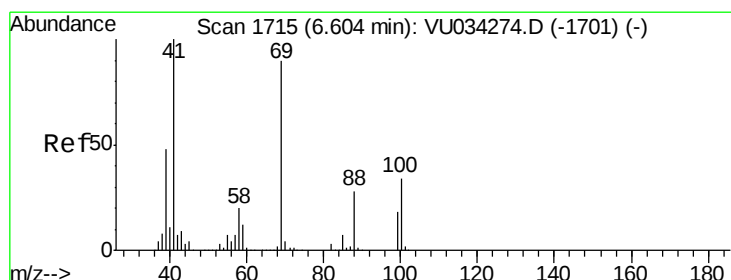
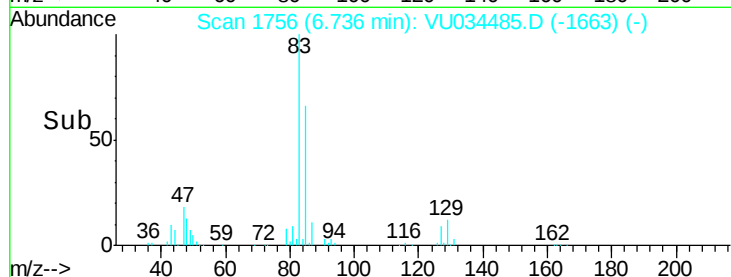
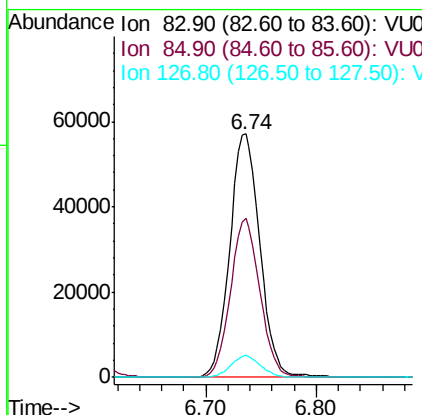
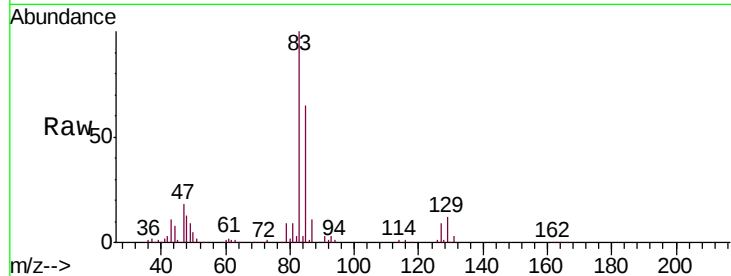
ClientSampleId :

VU0912WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 108171 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.4  | 51.1  | 76.7   |
| 127      | 9.0   | 7.2   | 10.8   |

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#48

Methyl methacrylate

Concen: 20.617 ug/l

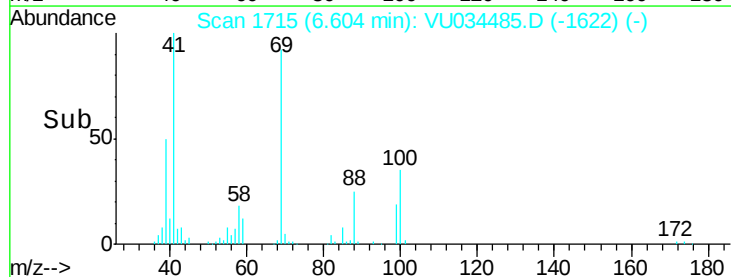
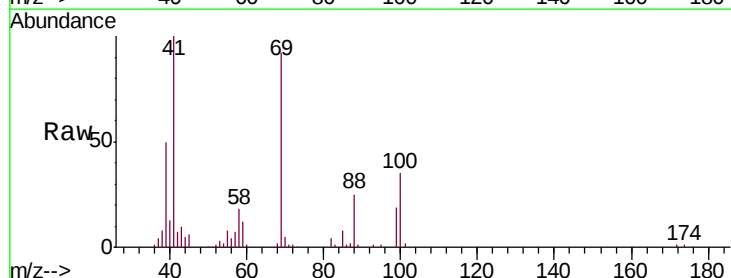
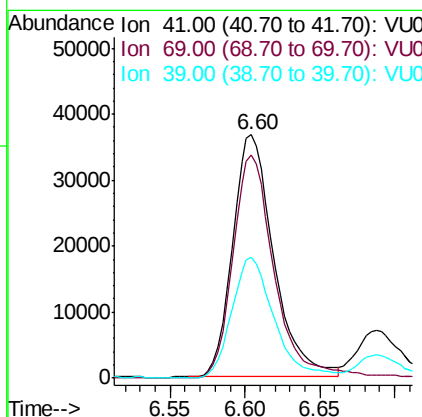
RT: 6.60 min Scan# 1715

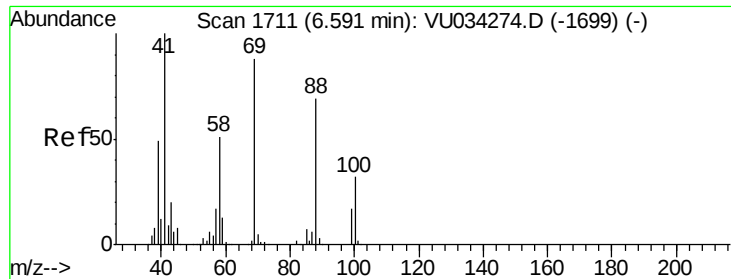
Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 70430 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 92.4  | 72.8  | 109.2 |
| 39       | 51.2  | 38.6  | 58.0  |





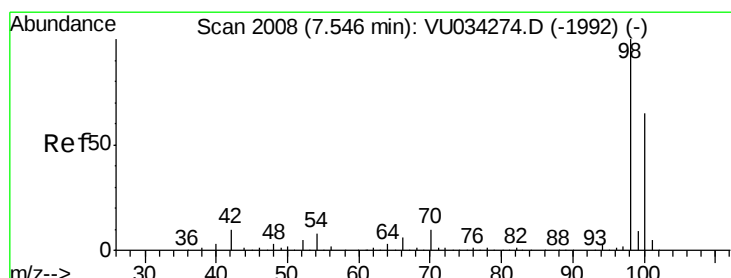
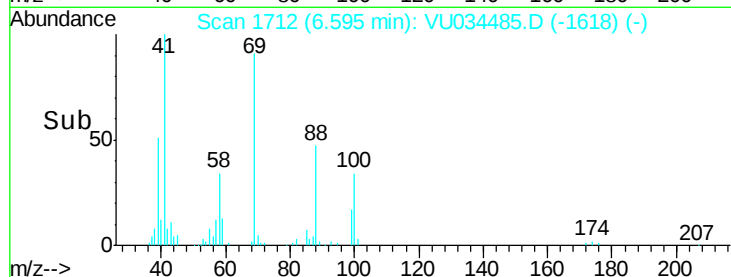
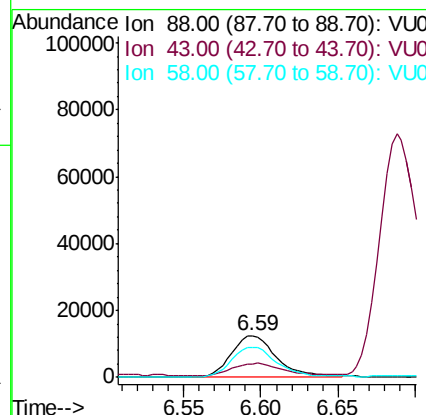
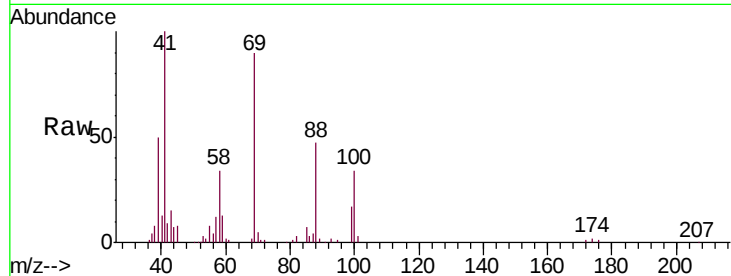
#49  
 1,4-Dioxane  
 Concen: 335.437 ug/l  
 RT: 6.59 min Scan# 1712  
 Delta R.T. 0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 30.0  | 23.8  | 35.6  |
| 58      | 75.8  | 58.4  | 87.6  |

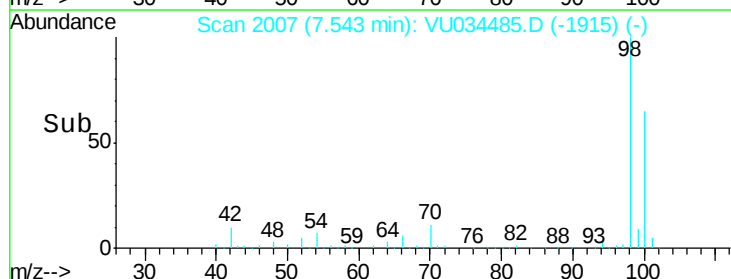
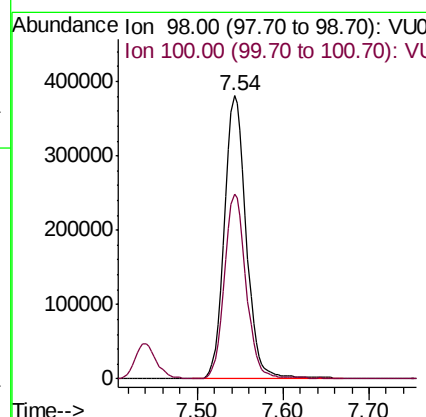
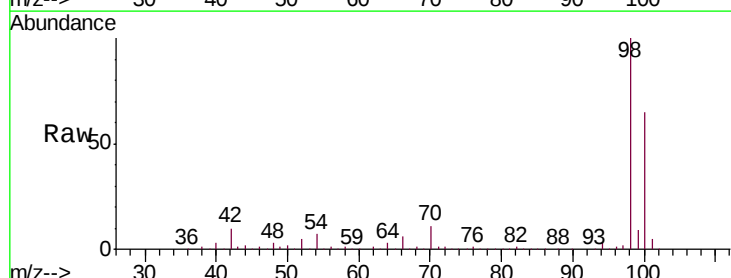
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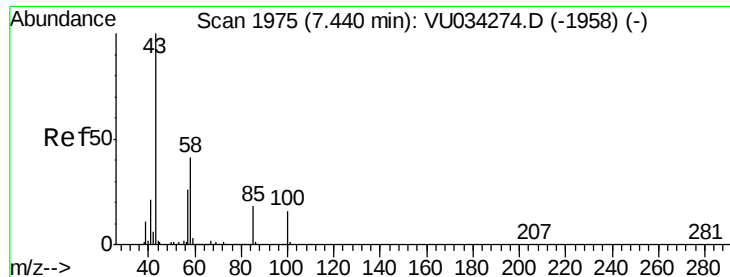
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#50  
 Toluene-d8  
 Concen: 53.704 ug/l  
 RT: 7.54 min Scan# 2007  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.2  | 51.7  | 77.5  |





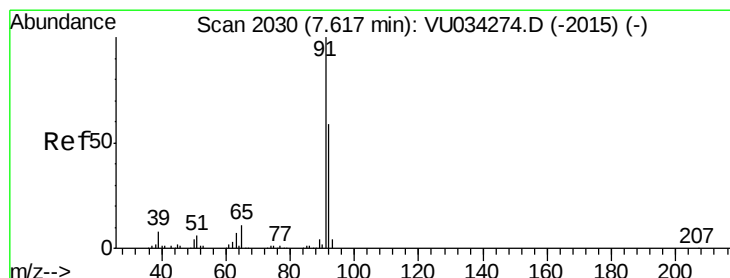
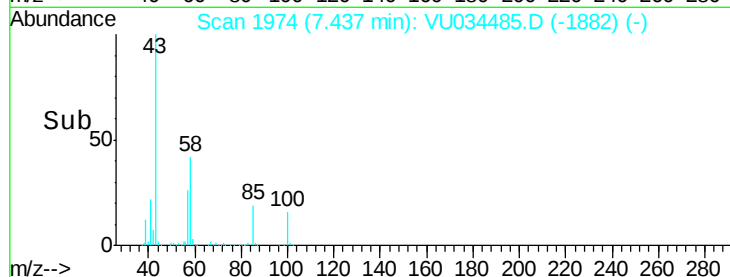
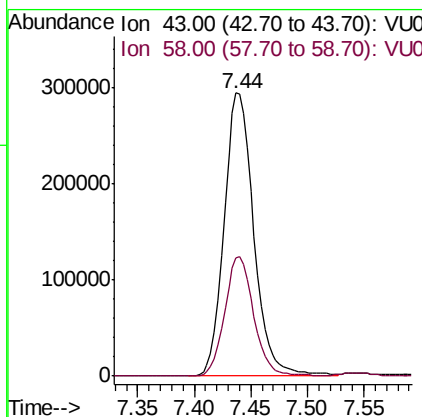
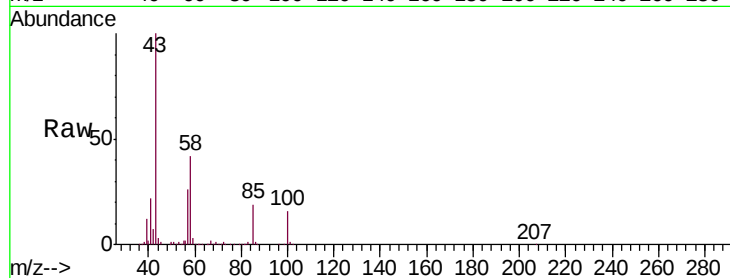
#51  
 4-Methyl-2-Pentanone  
 Concen: 107.532 ug/l  
 RT: 7.44 min Scan# 1974  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 41.4  | 33.0  | 49.4  |

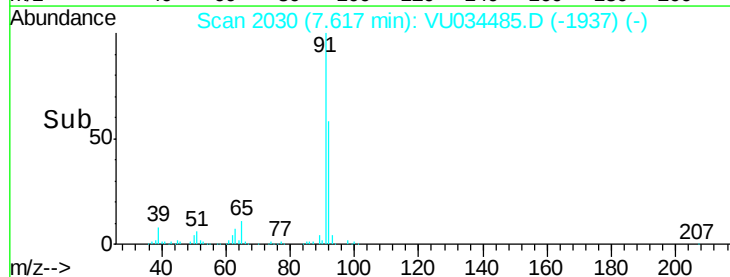
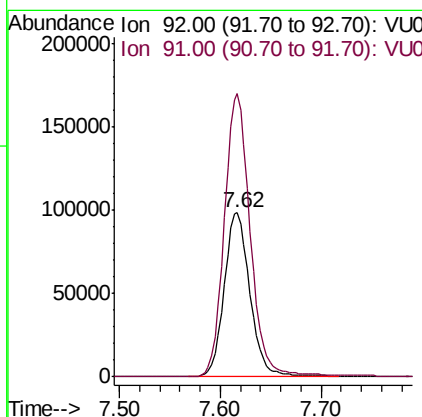
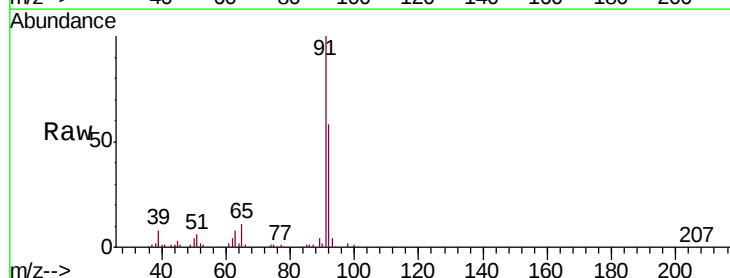
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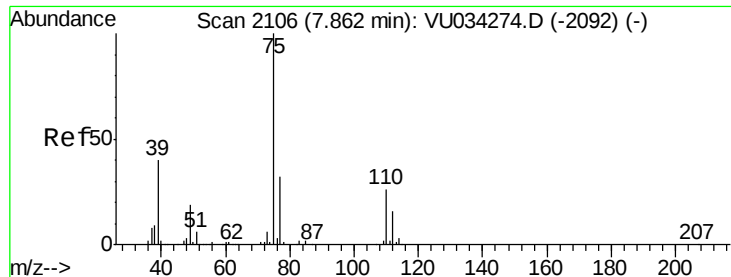
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#52  
 Toluene  
 Concen: 22.452 ug/l  
 RT: 7.62 min Scan# 2030  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 174.4 | 136.6 | 205.0 |





#53

t-1,3-Dichloropropene

Concen: 21.633 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0912WBSD01

Tgt Ion: 75 Resp: 106588

Ion Ratio Lower Upper

75 100

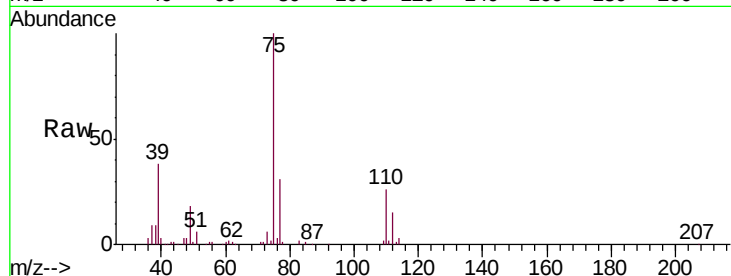
77 31.0 25.7 38.5

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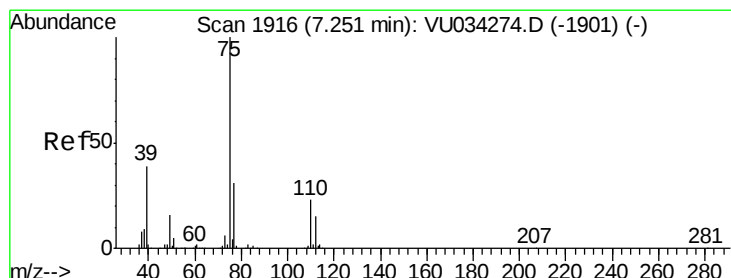
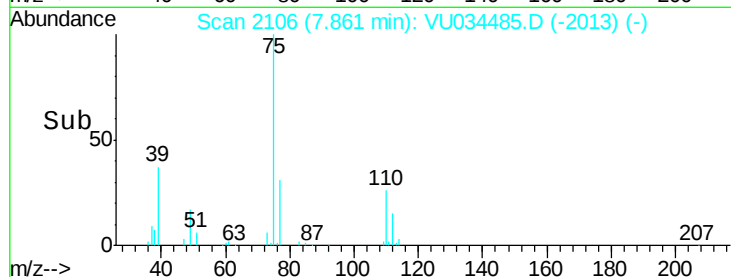
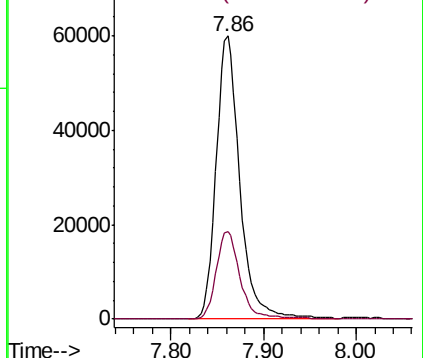
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Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 22.115 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

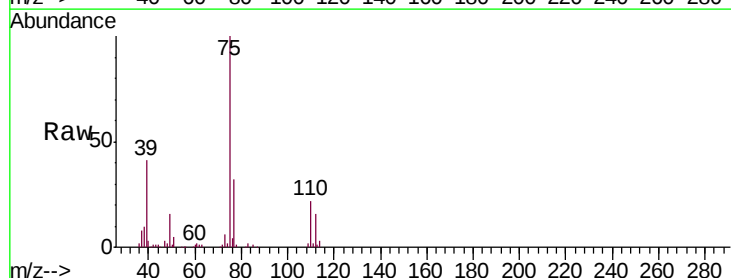
Tgt Ion: 75 Resp: 119586

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

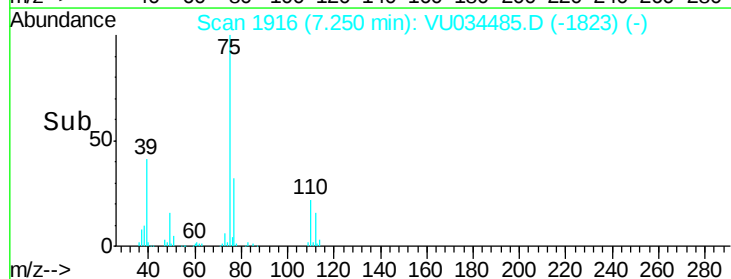
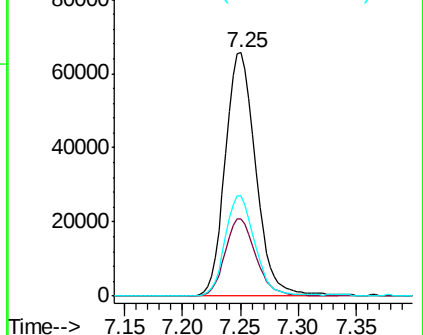
39 41.1 31.2 46.8

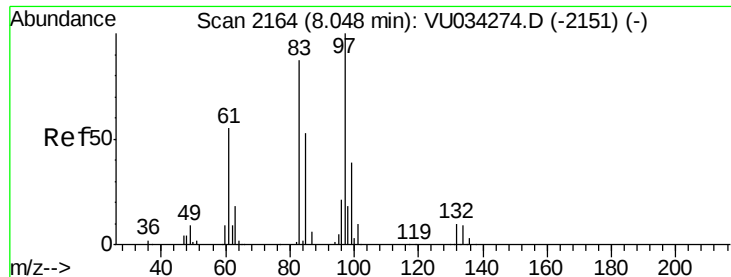


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0





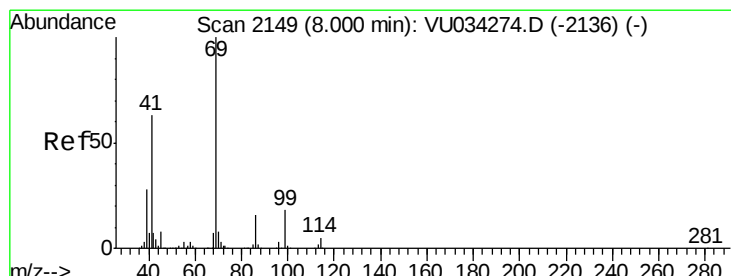
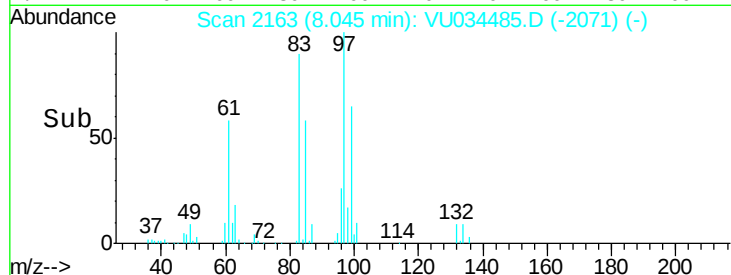
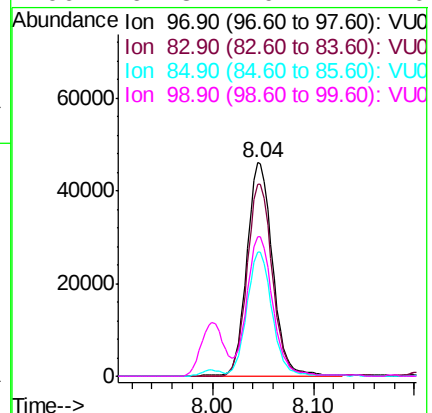
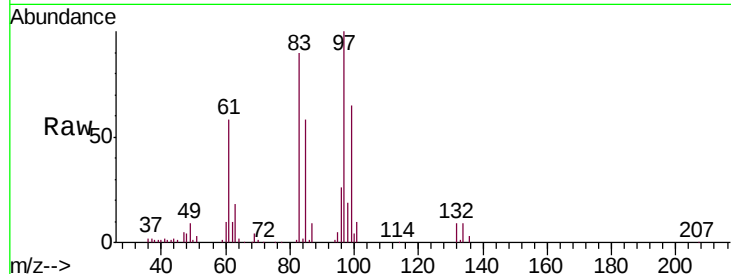
#55  
 1,1,2-Trichloroethane  
 Concen: 22.663 ug/l  
 RT: 8.04 min Scan# 2163  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VU0912WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 81227 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.2  | 69.0  | 103.6 |
| 85       | 58.0  | 44.2  | 66.2  |
| 99       | 64.8  | 49.4  | 74.0  |

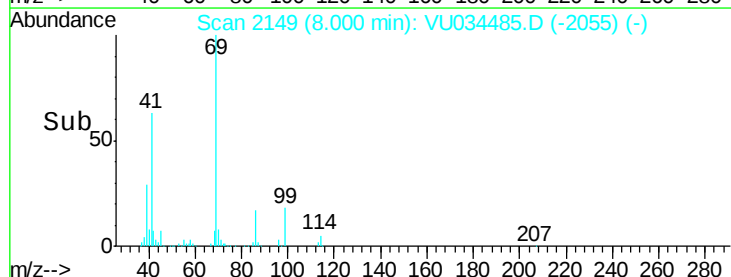
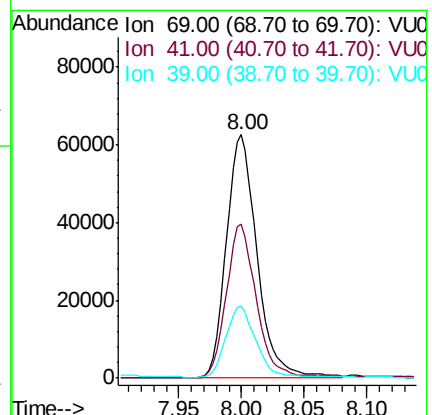
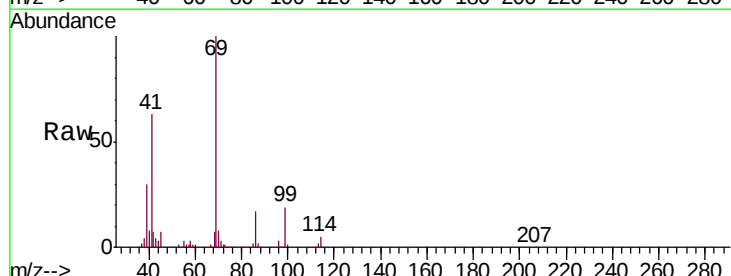
Manual Integrations  
 APPROVED

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 9/13/2019 6:57:24 AM



#56  
 Ethyl methacrylate  
 Concen: 21.421 ug/l  
 RT: 8.00 min Scan# 2149  
 Delta R.T. 0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 106444 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 62.0  | 49.5  | 74.3   |
| 39       | 28.5  | 22.5  | 33.7   |





#57

1,3-Dichloropropane

Concen: 22.183 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0912WBSD01

Tgt Ion: 76 Resp: 129464

Ion Ratio Lower Upper

76 100

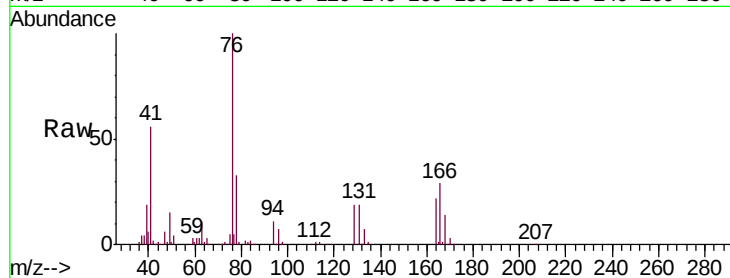
78 32.7 25.4 38.2

Manual Integrations

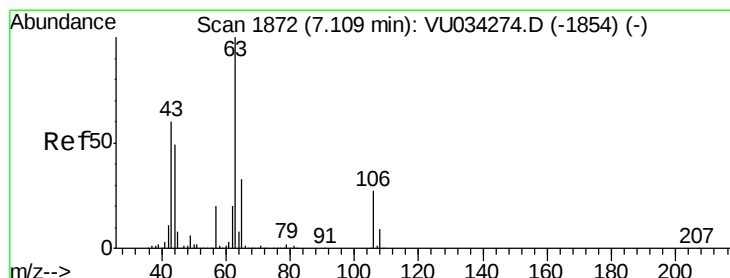
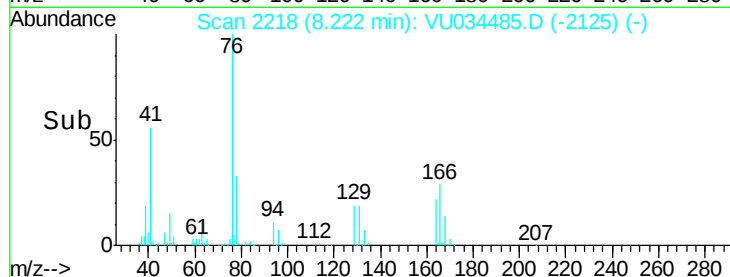
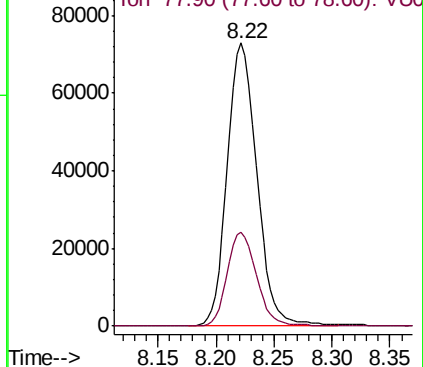
APPROVED

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Abundance Ion 75.90 (75.60 to 76.60): VU034485.D (-2125) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 90.353 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034485.D

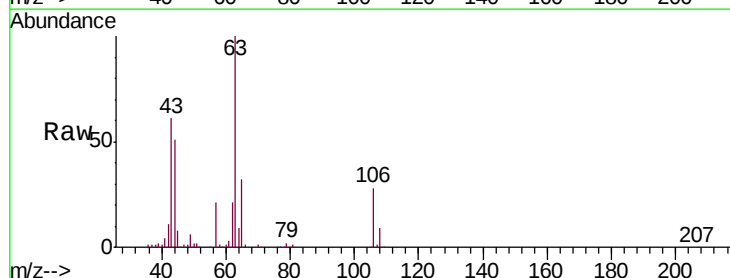
Acq: 11 Sep 2019 19:29

Tgt Ion: 63 Resp: 145517

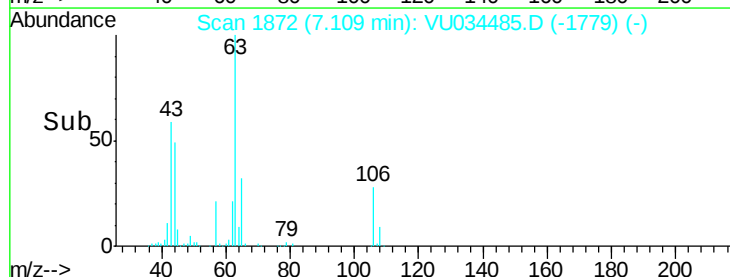
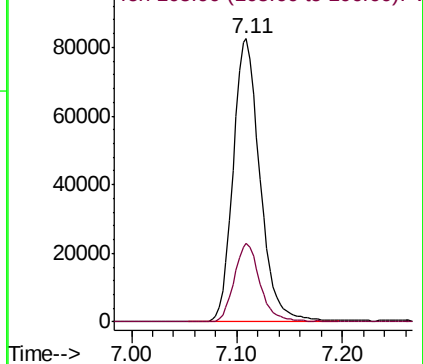
Ion Ratio Lower Upper

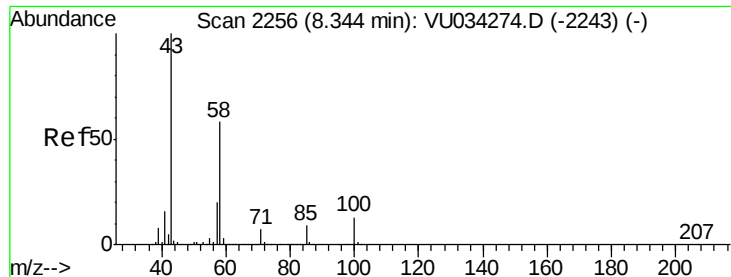
63 100

106 26.6 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VU034485.D (-1779) (-)





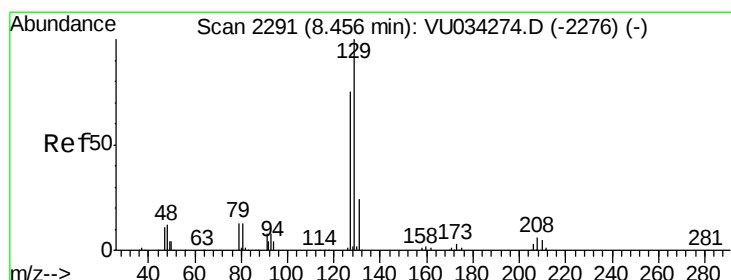
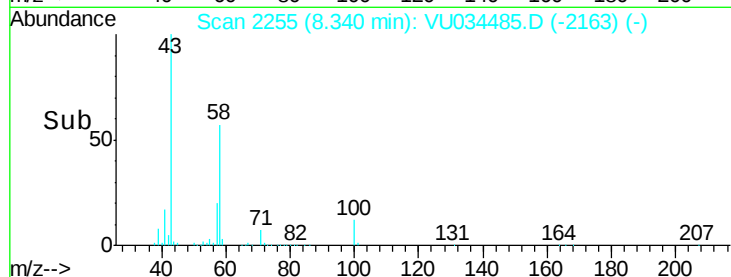
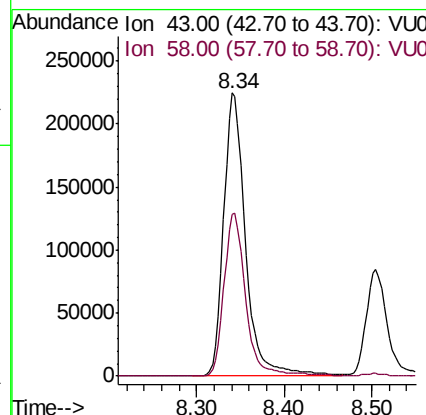
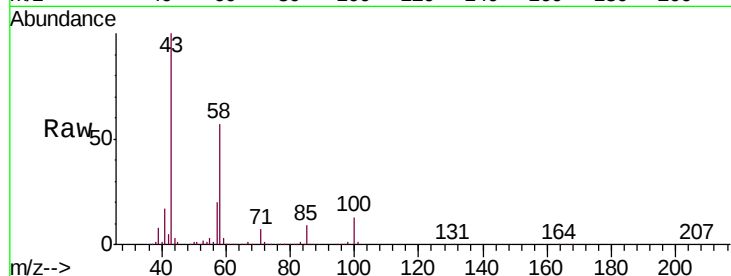
#59  
2-Hexanone  
Concen: 104.330 ug/l  
RT: 8.34 min Scan# 2255  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0912WBSD01

Tgt Ion: 43 Resp: 388029  
Ion Ratio Lower Upper  
43 100  
58 57.8 28.8 86.5

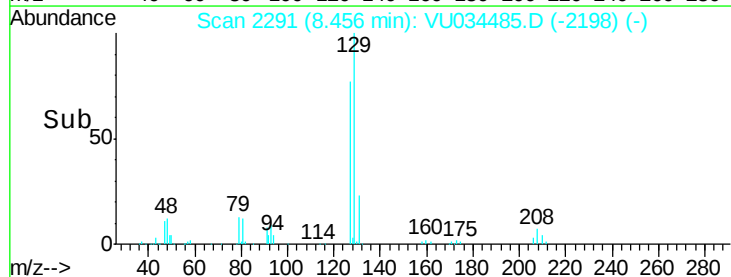
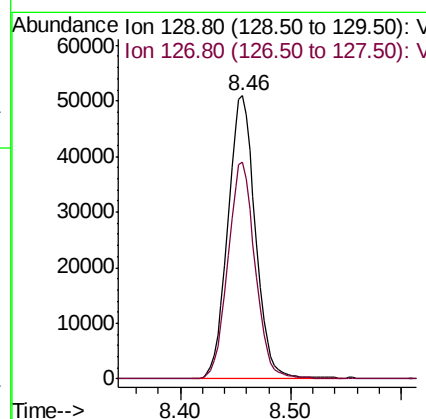
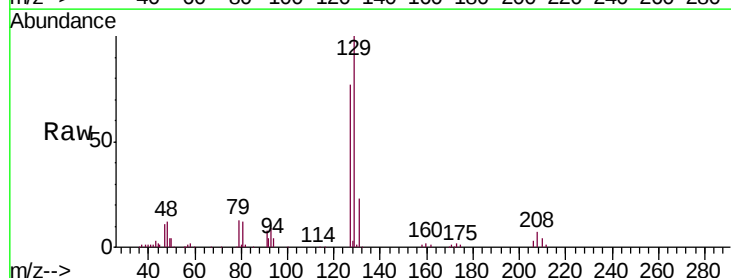
Manual Integrations  
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#60  
Dibromochloromethane  
Concen: 22.965 ug/l  
RT: 8.46 min Scan# 2291  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Tgt Ion: 129 Resp: 88285  
Ion Ratio Lower Upper  
129 100  
127 75.4 37.9 113.7





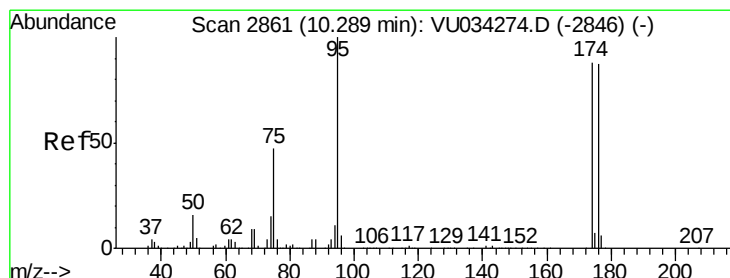
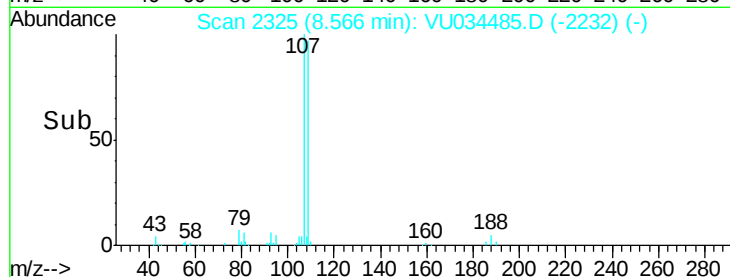
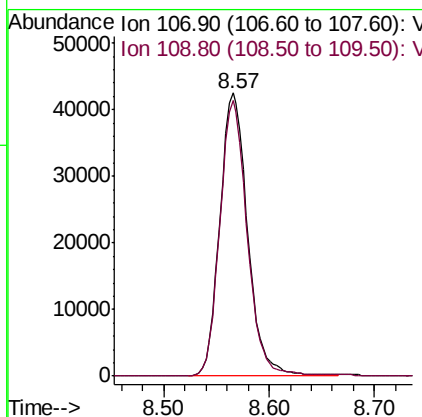
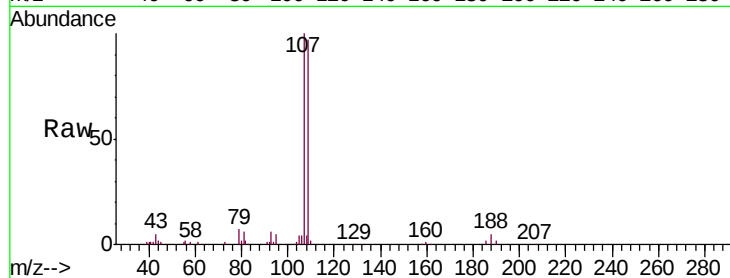
#61  
 1,2-Dibromoethane  
 Concen: 22.146 ug/l  
 RT: 8.57 min Scan# 2325  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 77690 |       |       |
| 109     | 95.5  | 75.0  | 112.6 |       |

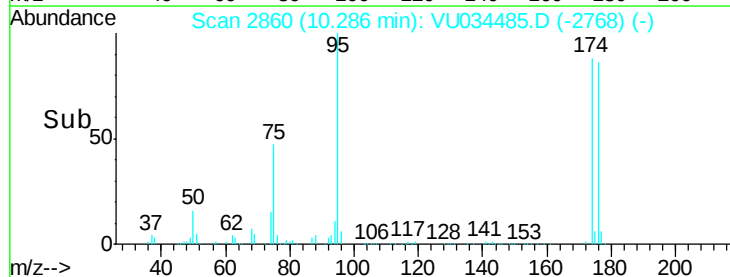
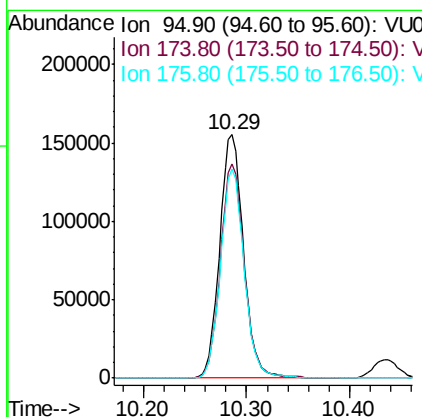
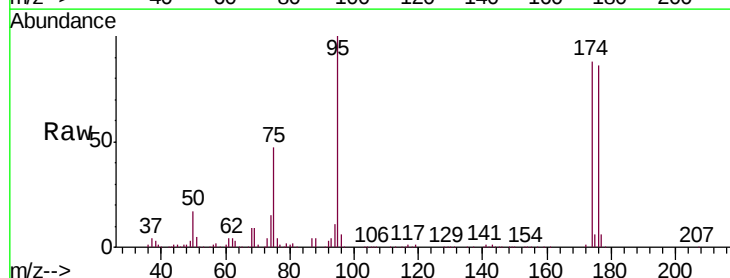
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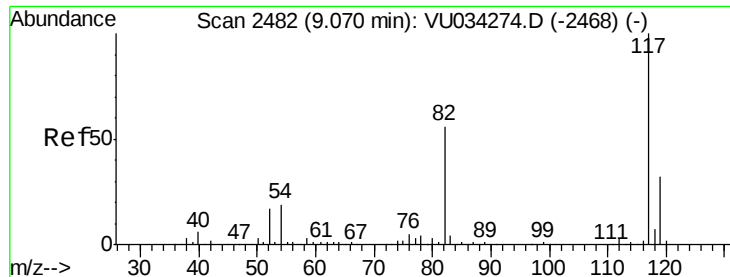
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#62  
 4-Bromofluorobenzene  
 Concen: 51.409 ug/l  
 RT: 10.29 min Scan# 2860  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 249503 |       |       |
| 174     | 88.4  | 0.0    | 175.2 |       |
| 176     | 85.3  | 0.0    | 168.0 |       |





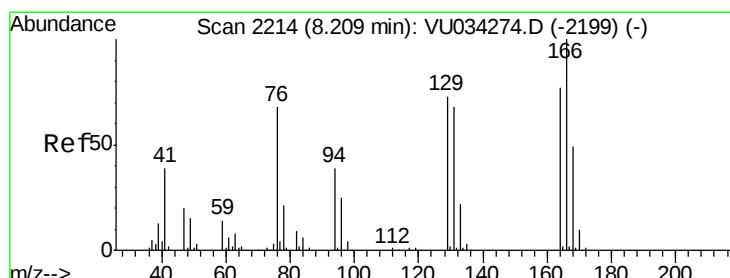
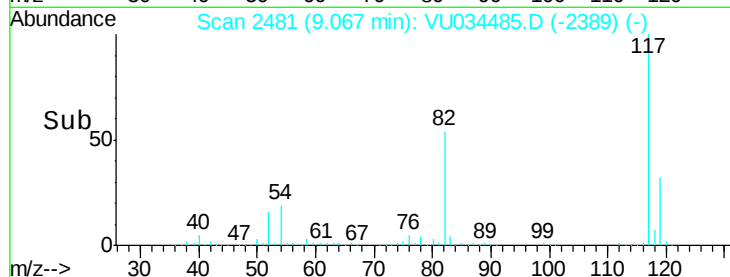
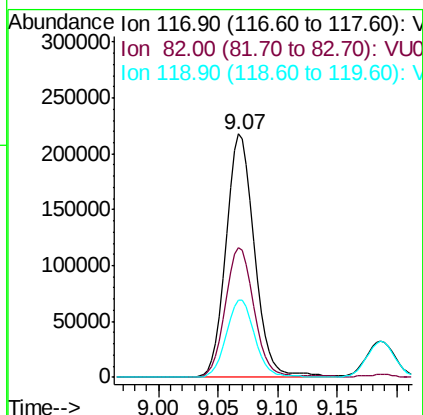
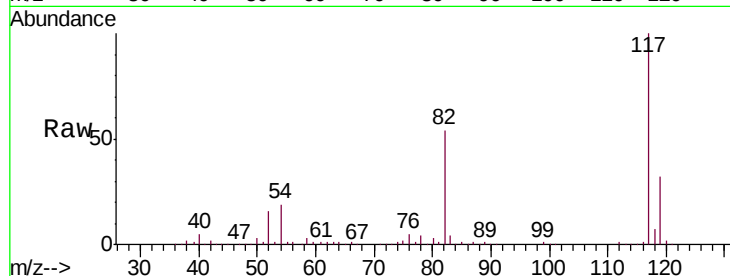
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.07 min Scan# 2481  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0912WBSD01

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 117     | 100   |            |            |
| 82      | 53.5  | 44.6       | 67.0       |
| 119     | 32.0  | 25.9       | 38.9       |

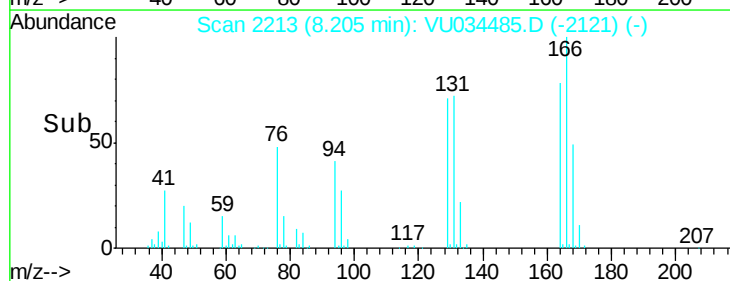
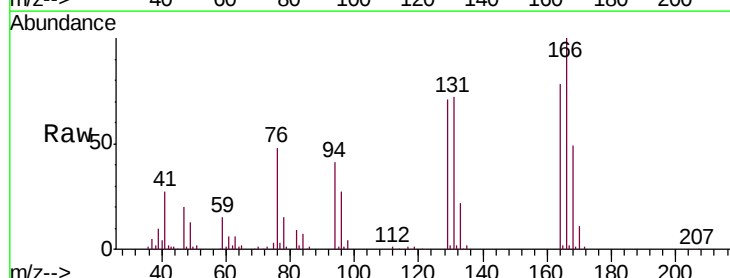
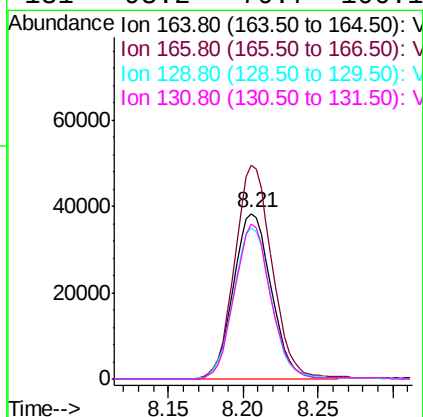
Manual Integrations  
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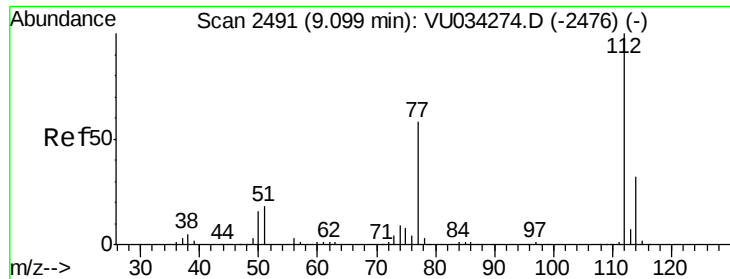
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 21.552 ug/l  
RT: 8.21 min Scan# 2213  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 164     | 100   |            |            |
| 166     | 128.9 | 103.7      | 155.5      |
| 129     | 91.3  | 75.8       | 113.8      |
| 131     | 93.2  | 70.7       | 106.1      |





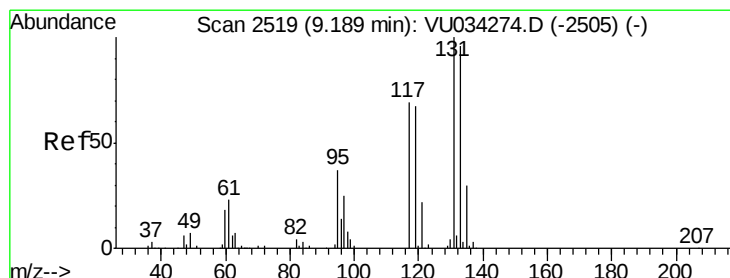
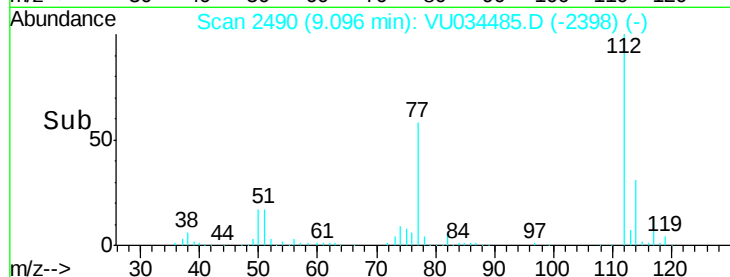
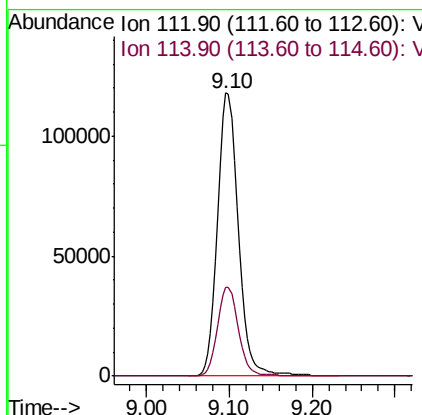
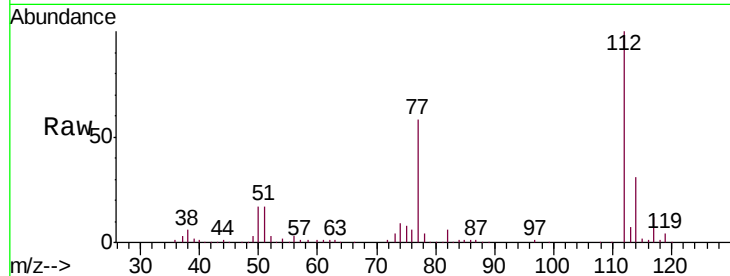
#65  
Chlorobenzene  
Concen: 22.354 ug/l  
RT: 9.10 min Scan# 2490  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0912WBSD01

Tgt Ion:112 Resp: 205484  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.9 38.9

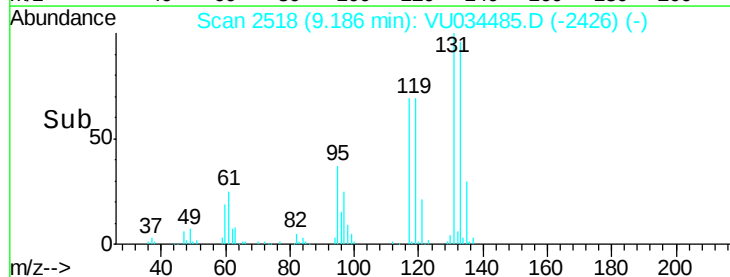
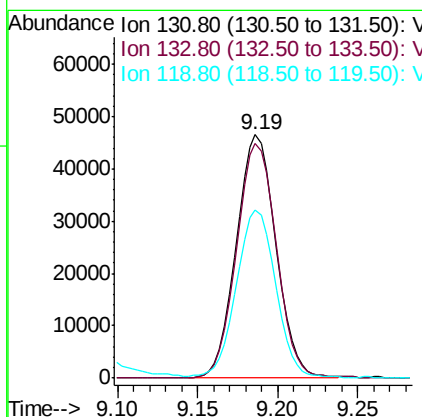
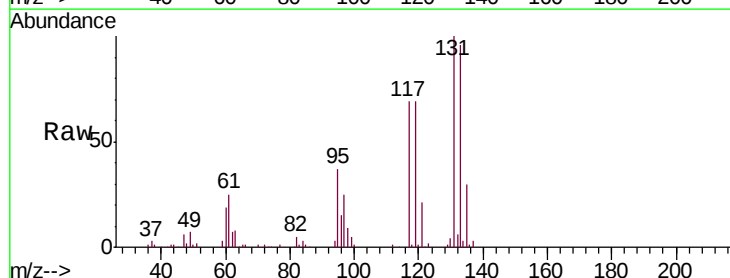
Manual Integrations  
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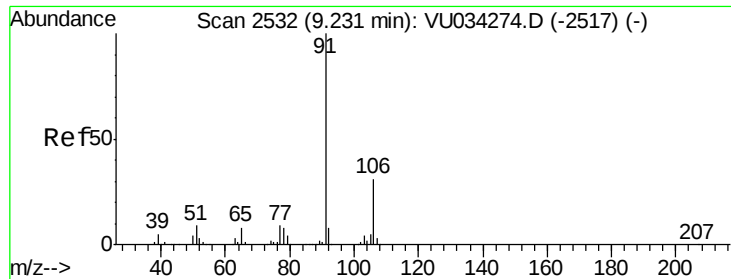
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.352 ug/l  
RT: 9.19 min Scan# 2518  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Tgt Ion:131 Resp: 78413  
Ion Ratio Lower Upper  
131 100  
133 97.3 47.9 143.7  
119 68.1 33.1 99.5





#67

Ethyl Benzene

Concen: 21.518 ug/l

RT: 9.23 min Scan# 2531

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0912WBSD01

Tgt Ion: 91 Resp: 323414

Ion Ratio Lower Upper

91 100

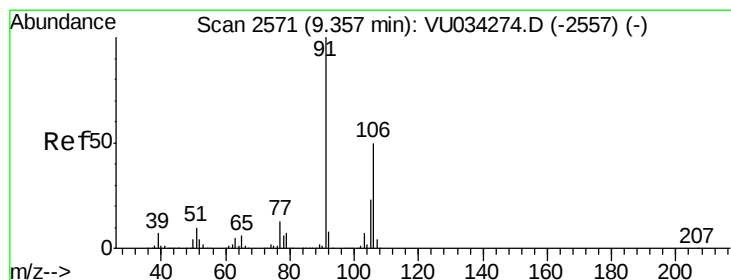
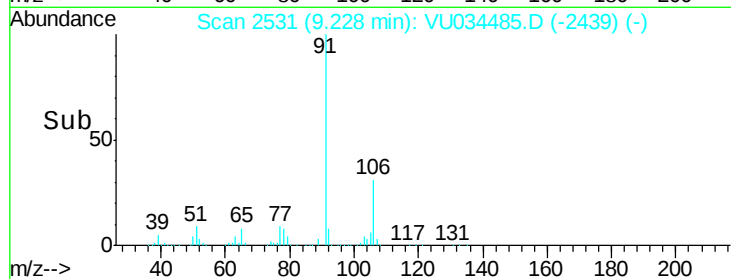
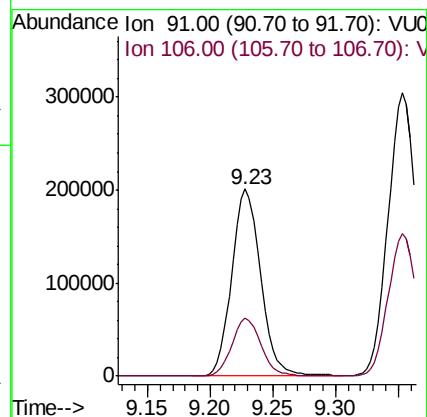
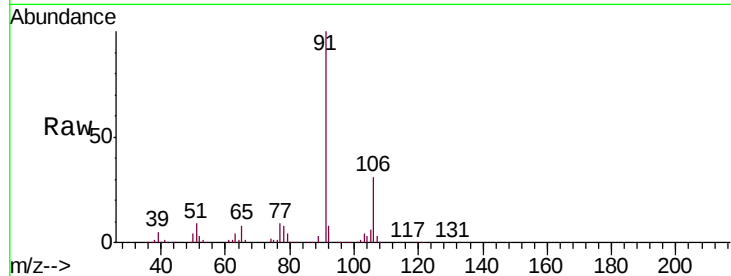
106 31.2 24.8 37.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 44.923 ug/l

RT: 9.35 min Scan# 2570

Delta R.T. -0.00 min

Lab File: VU034485.D

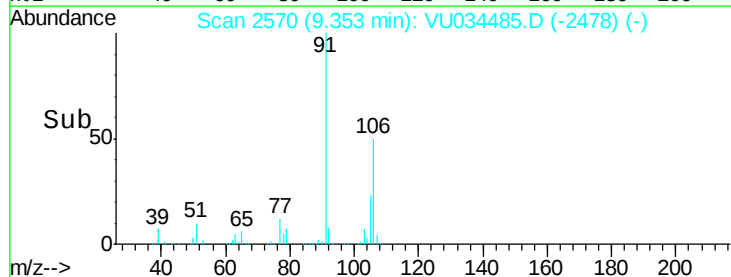
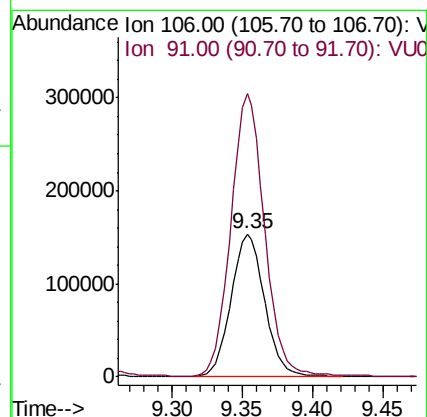
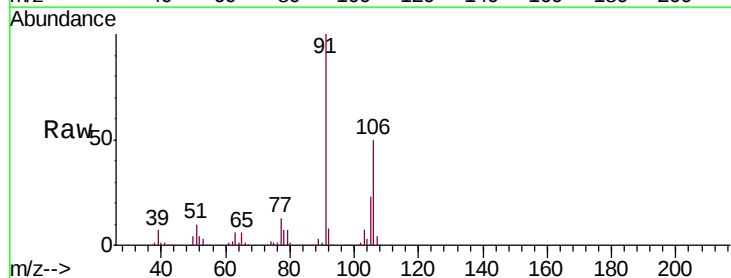
Acq: 11 Sep 2019 19:29

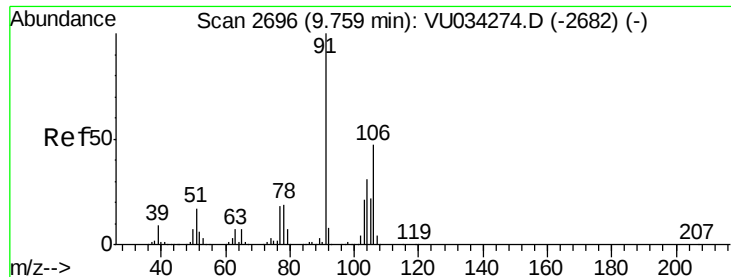
Tgt Ion: 106 Resp: 254249

Ion Ratio Lower Upper

106 100

91 200.4 160.1 240.1





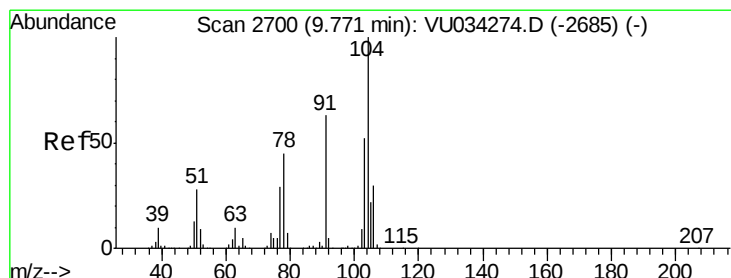
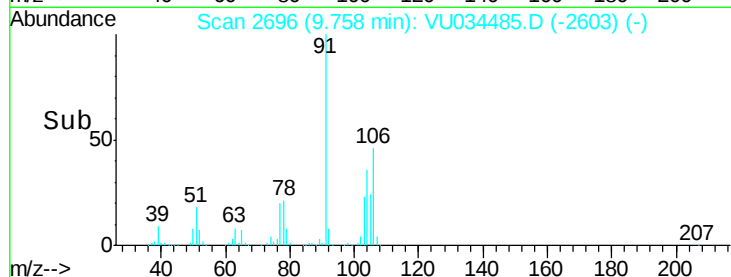
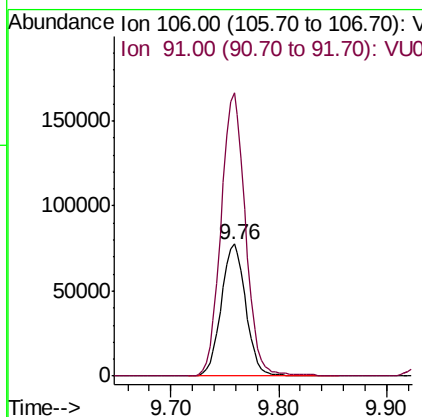
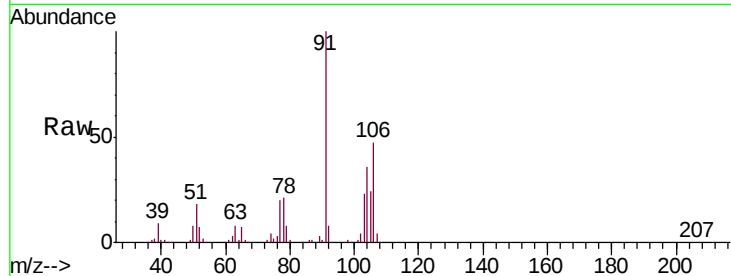
#69  
o-Xylene  
Concen: 22.269 ug/l  
RT: 9.76 min Scan# 2696  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0912WBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 123256 |       |       |
| 91      | 213.2 | 105.1  | 315.3 |       |

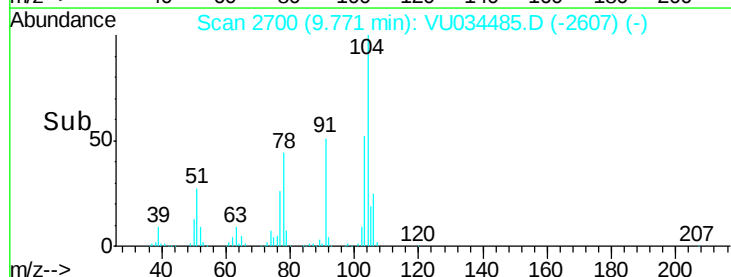
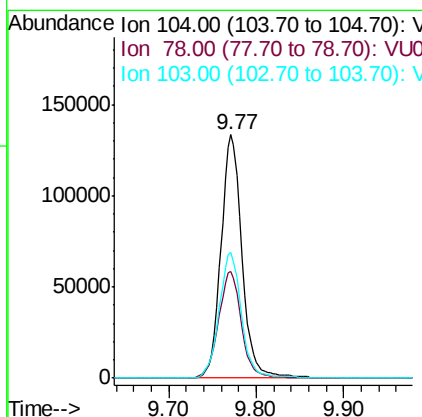
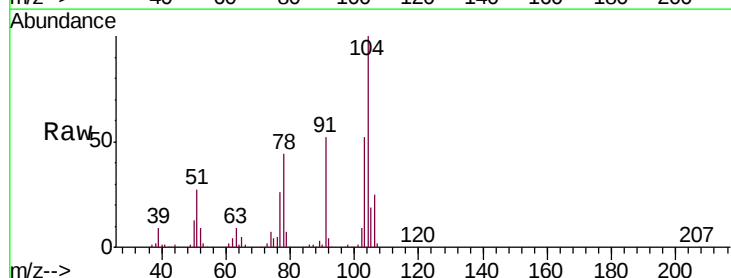
Manual Integrations  
APPROVED

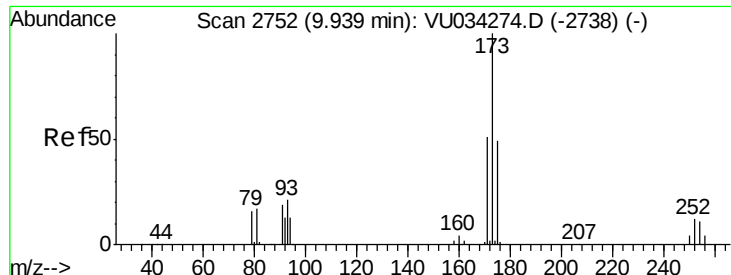
MMDadoda  
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#70  
Styrene  
Concen: 22.953 ug/l  
RT: 9.77 min Scan# 2700  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 222738 |       |       |
| 78      | 47.9  | 38.6   | 57.8  |       |
| 103     | 55.0  | 44.2   | 66.4  |       |





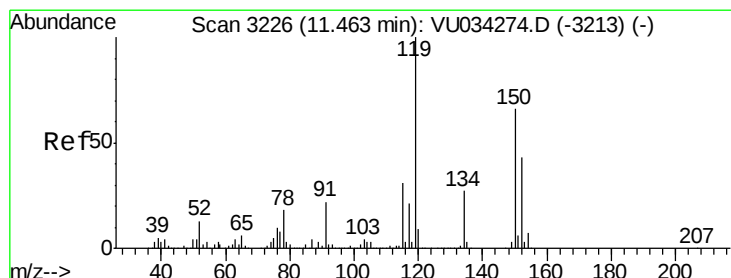
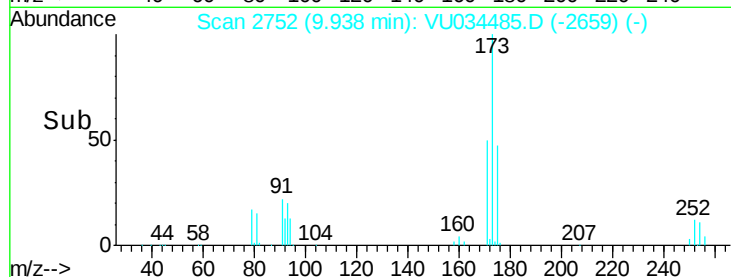
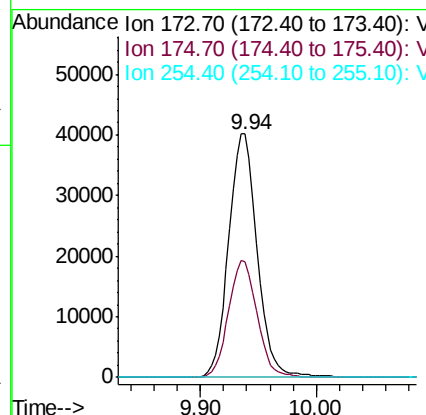
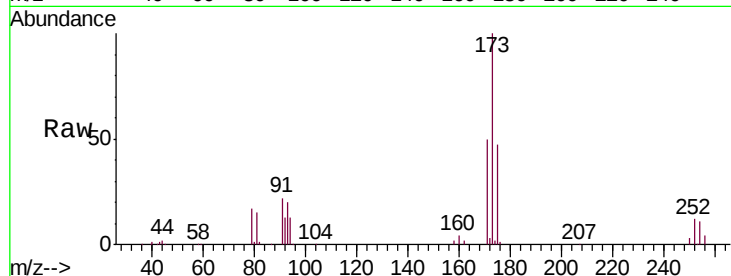
#71  
Bromoform  
Concen: 22.372 ug/l  
RT: 9.94 min Scan# 2752  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0912WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.1  | 24.4  | 73.2  |
| 254     | 0.0   | 0.0   | 0.0   |

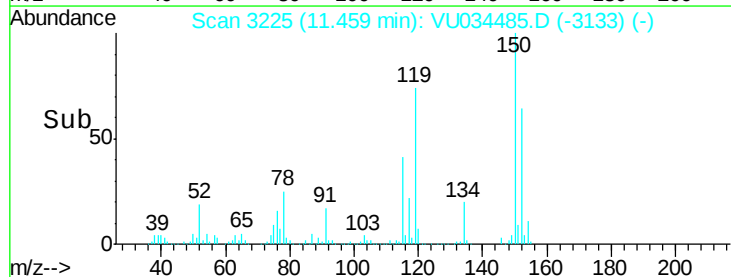
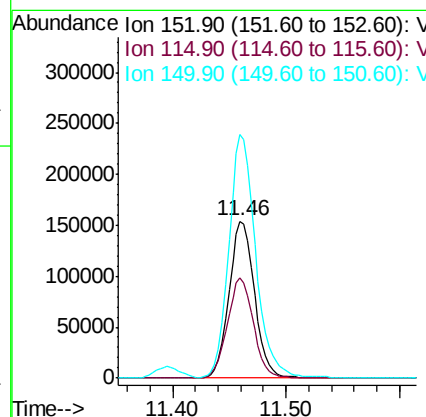
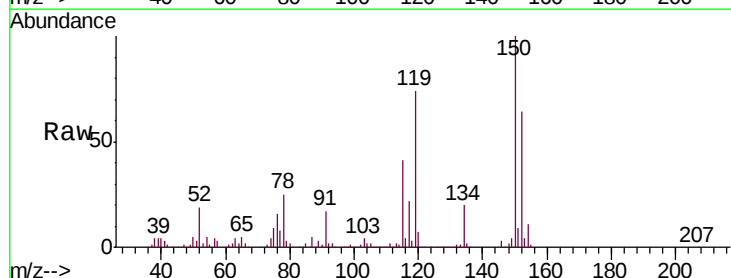
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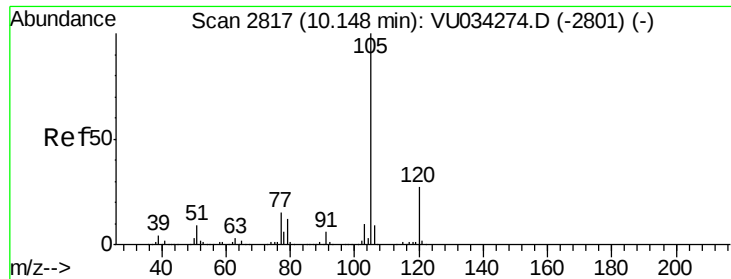
MMDadoda  
9/13/2019 6:57:24 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.46 min Scan# 3225  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 65.4  | 39.1  | 117.3 |
| 150     | 162.0 | 0.0   | 345.4 |





#73

Isopropylbenzene

Concen: 21.923 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0912WBSD01

Tgt Ion: 105 Resp: 344725

Ion Ratio Lower Upper

105 100

120 26.7

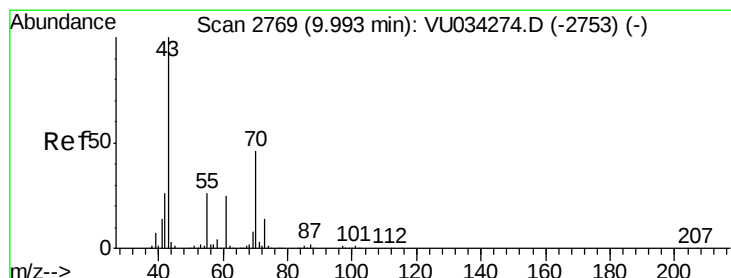
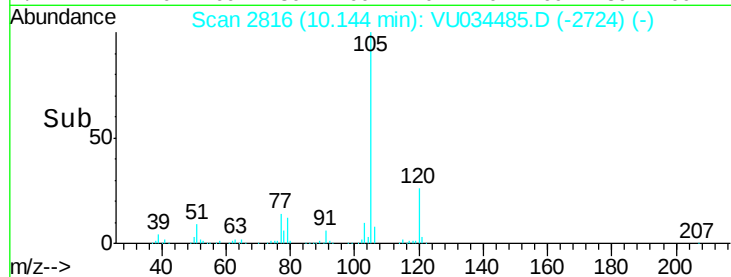
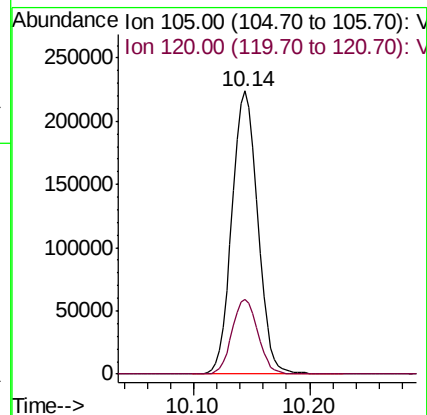
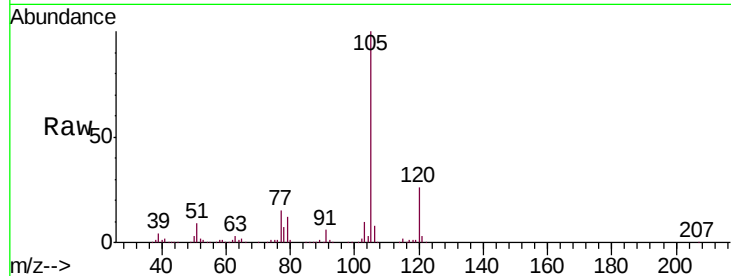
13.4 40.2

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#74

N-ethyl acetate

Concen: 20.791 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Tgt Ion: 43 Resp: 131596

Ion Ratio Lower Upper

43 100

70 44.9

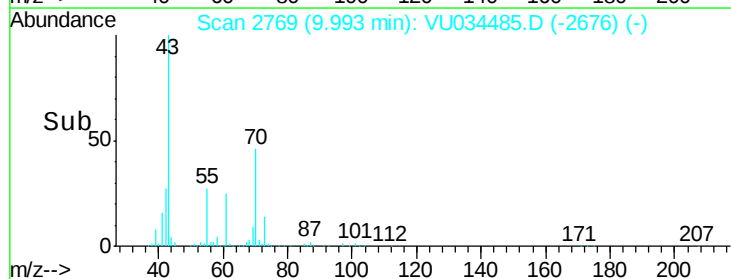
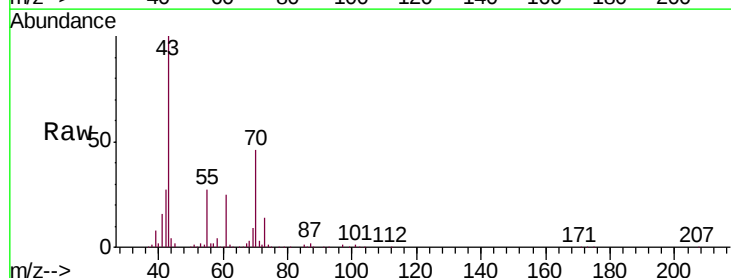
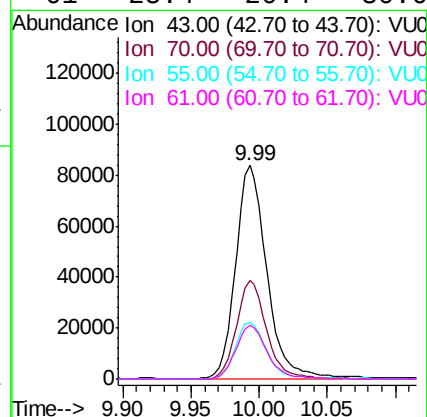
55 27.3

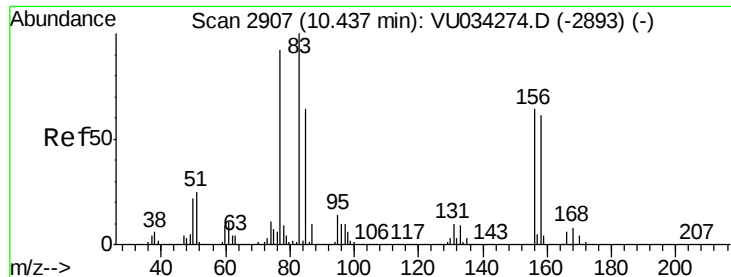
61 25.4

36.4 54.6

21.2 31.8

20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.380 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0912WBSD01

Tgt Ion: 83 Resp: 136085

Ion Ratio Lower Upper

83 100

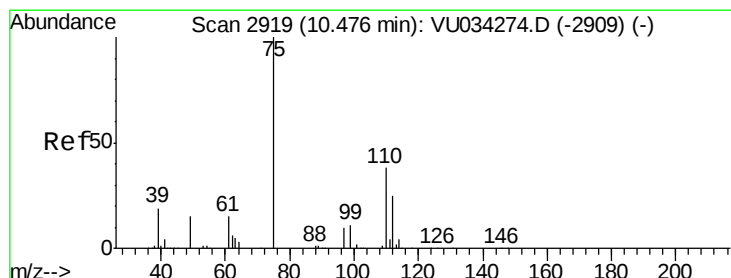
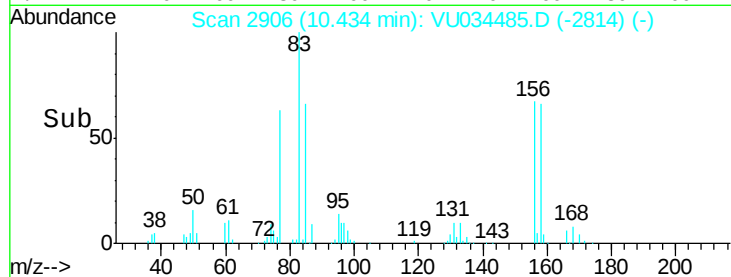
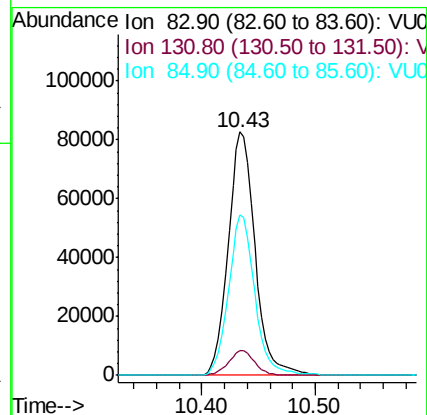
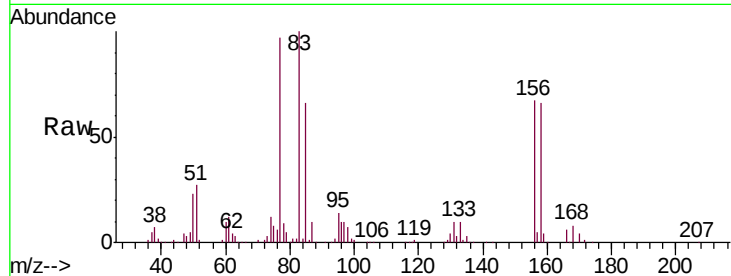
131 9.9 5.1 15.2

85 64.6 32.0 96.2

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#76

1,2,3-Trichloropropane

Concen: 21.759 ug/l m

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034485.D

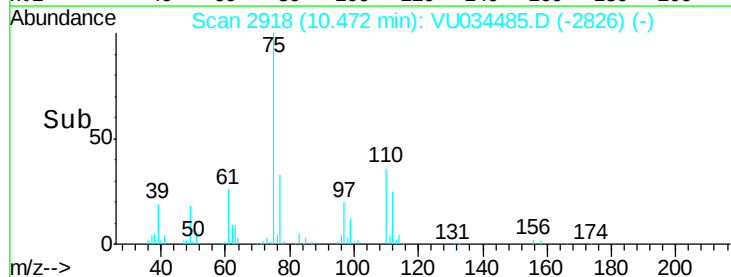
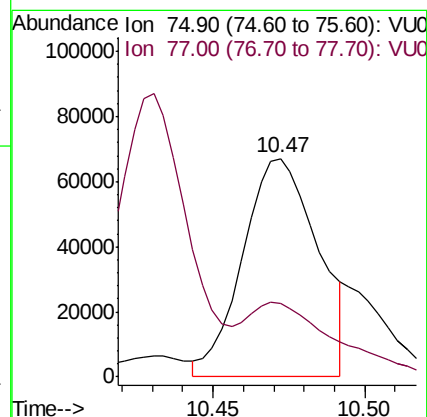
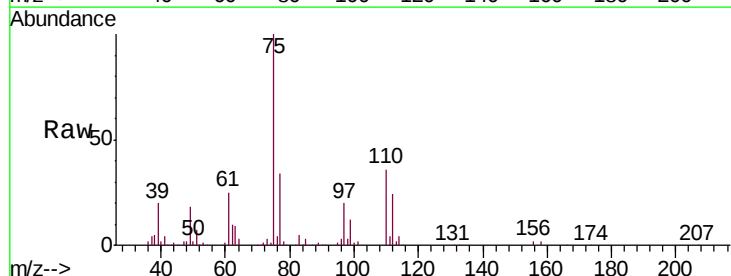
Acq: 11 Sep 2019 19:29

Tgt Ion: 75 Resp: 114764

Ion Ratio Lower Upper

75 100

77 41.7 20.8 62.2





#77

Bromobenzene

Concen: 21.915 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

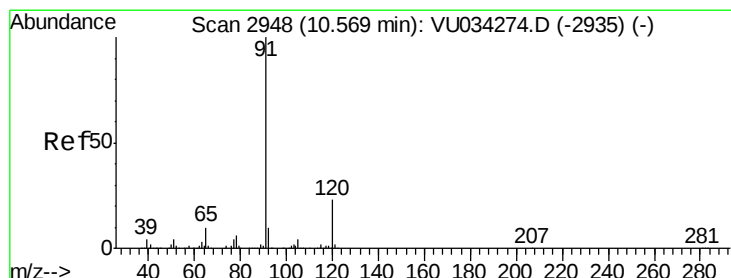
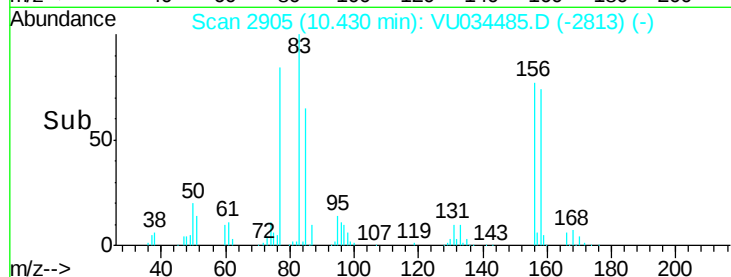
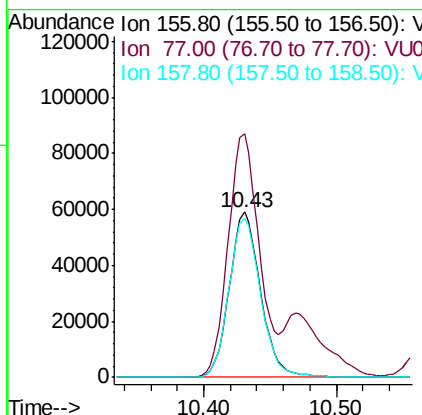
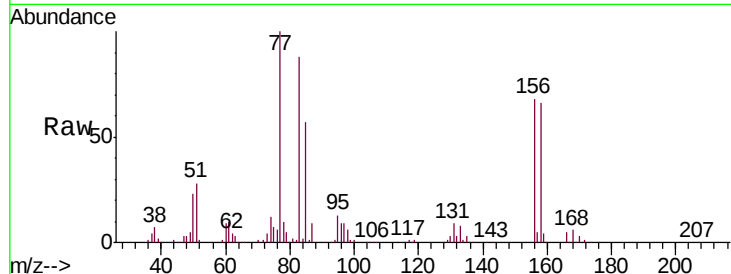
ClientSampleId :

VU0912WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 96357 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 148.0 | 75.6  | 226.9 |
| 158       | 98.5  | 48.2  | 144.6 |

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#78

n-propylbenzene

Concen: 21.809 ug/l

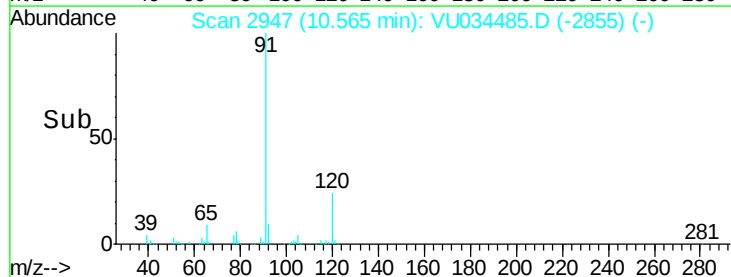
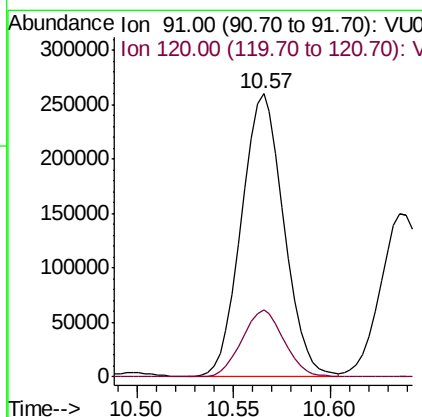
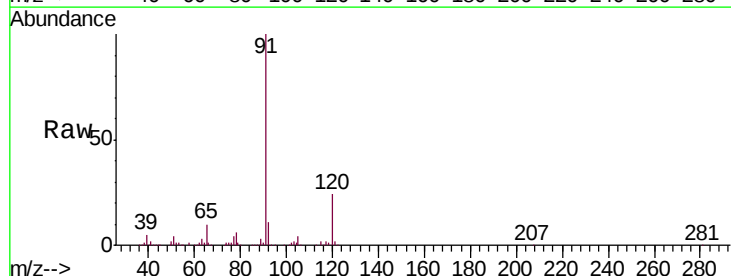
RT: 10.57 min Scan# 2947

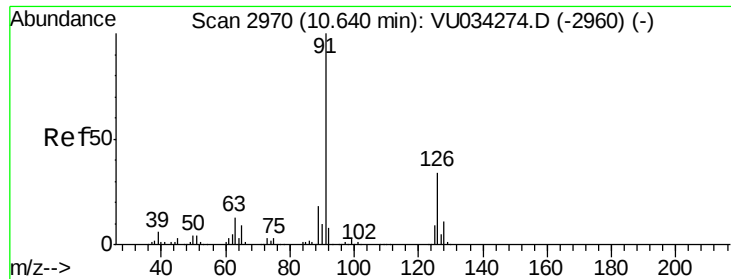
Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 396068 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.7  | 11.7  | 35.0   |





#79

2-Chlorotoluene

Concen: 22.002 ug/l

RT: 10.64 min Scan# 2969

Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0912WBSD01

Tgt Ion: 91 Resp: 243800

Ion Ratio Lower Upper

91 100

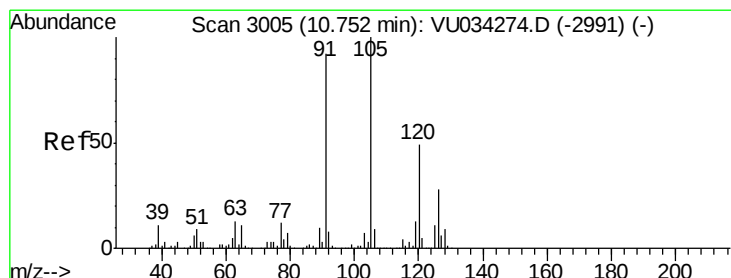
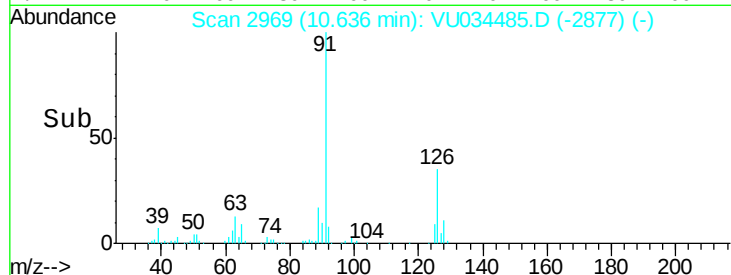
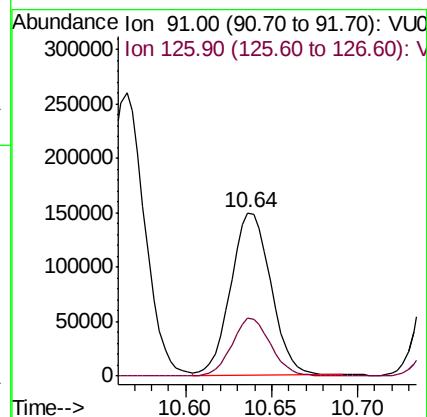
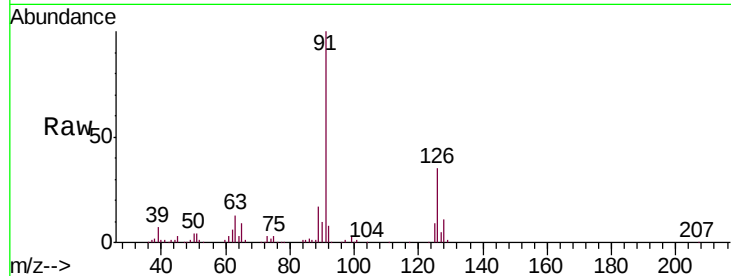
126 35.0 17.3 51.9

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#80

1,3,5-Trimethylbenzene

Concen: 23.032 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034485.D

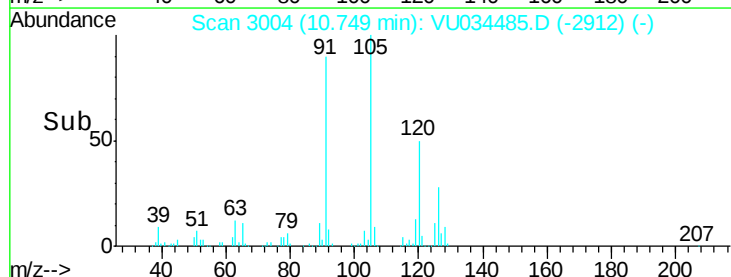
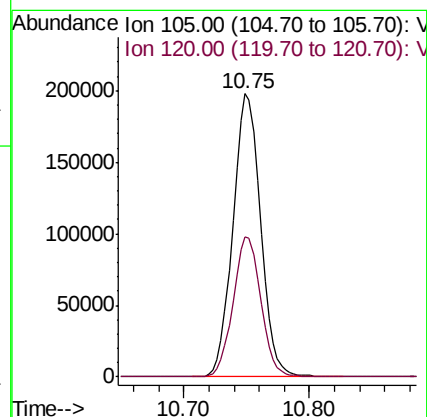
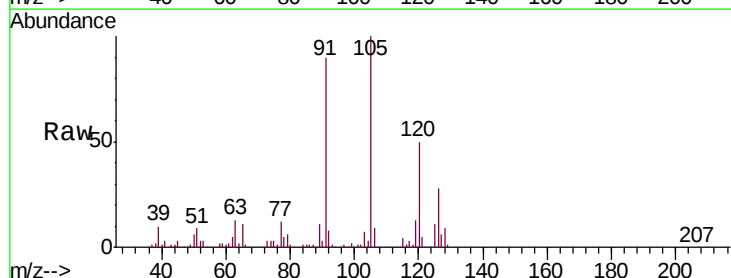
Acq: 11 Sep 2019 19:29

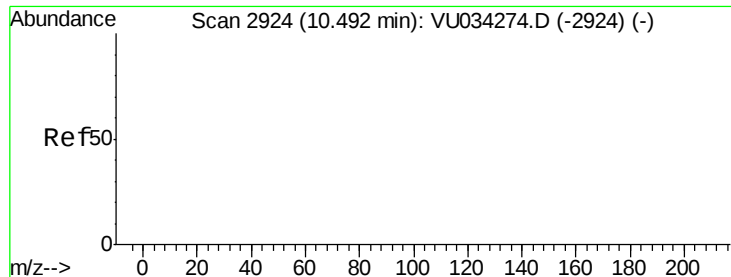
Tgt Ion: 105 Resp: 302892

Ion Ratio Lower Upper

105 100

120 49.6 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 18.529 ug/l m

RT: 10.49 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VU034485.D

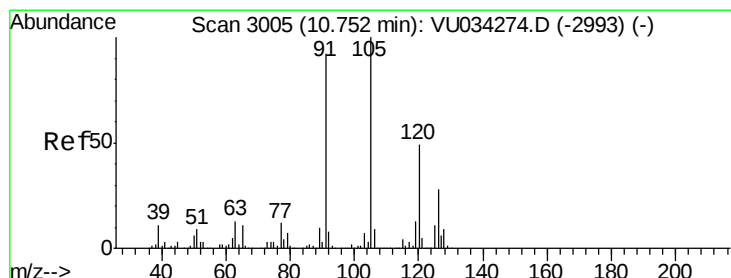
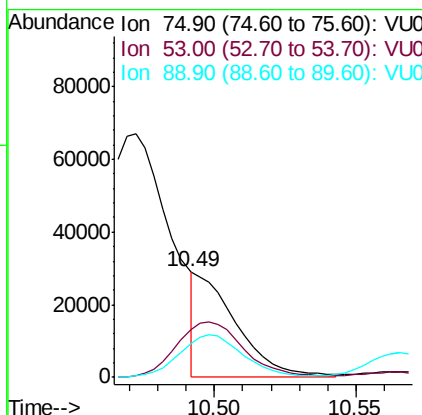
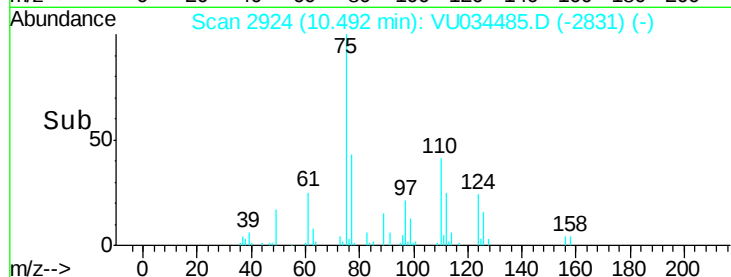
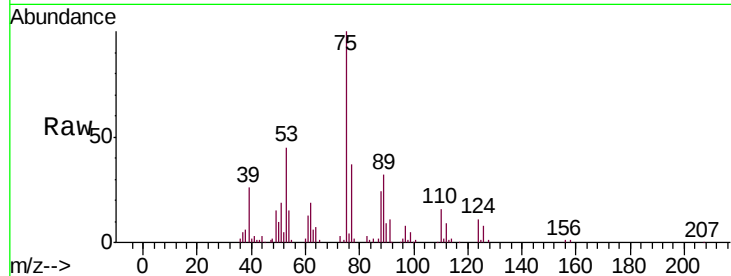
Acq: 11 Sep 2019 19:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0912WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 0.0   | 0.0   | 0.0   |
| 89      | 0.0   | 0.0   | 0.0   |

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#82

4-Chlorotoluene

Concen: 22.059 ug/l

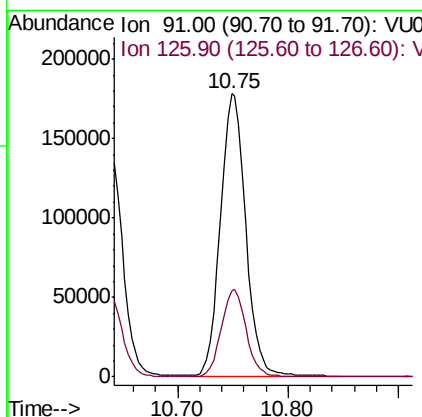
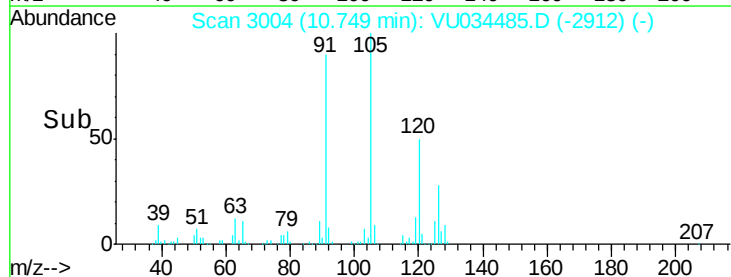
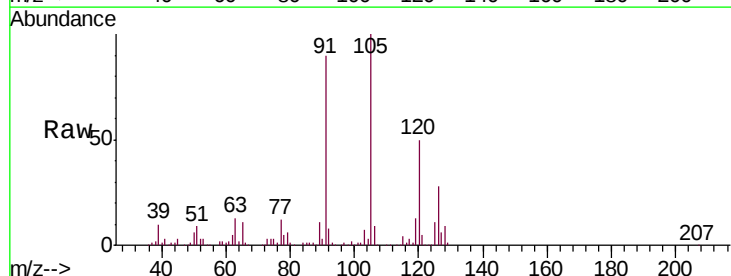
RT: 10.75 min Scan# 3004

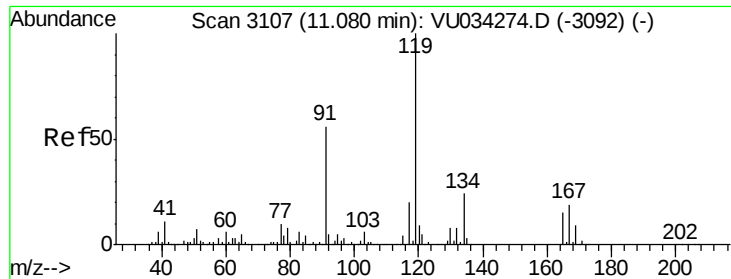
Delta R.T. -0.00 min

Lab File: VU034485.D

Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.4  | 15.3  | 45.8  |





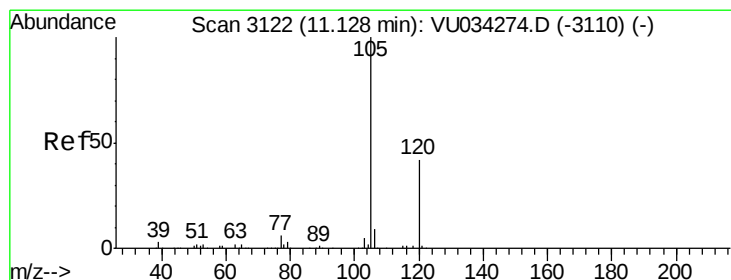
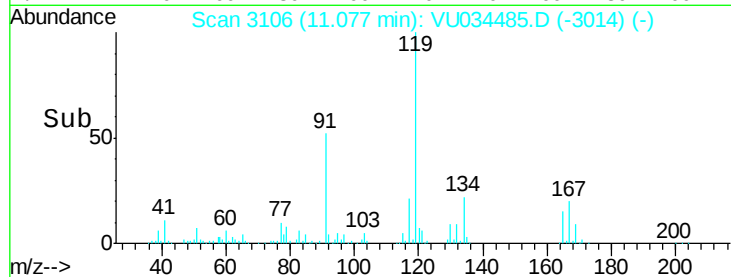
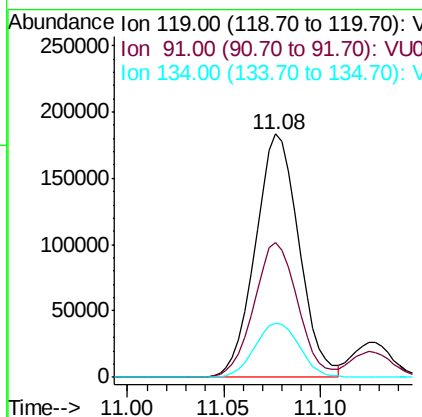
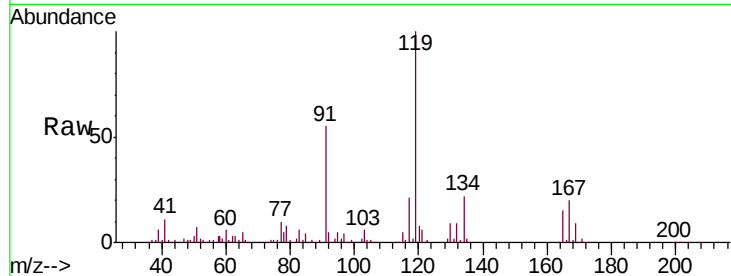
#83  
 tert-Butylbenzene  
 Concen: 21.903 ug/l  
 RT: 11.08 min Scan# 3106  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 288162 |       |       |
| 91      | 55.1  | 27.8   | 83.4  |       |
| 134     | 22.9  | 11.7   | 35.0  |       |

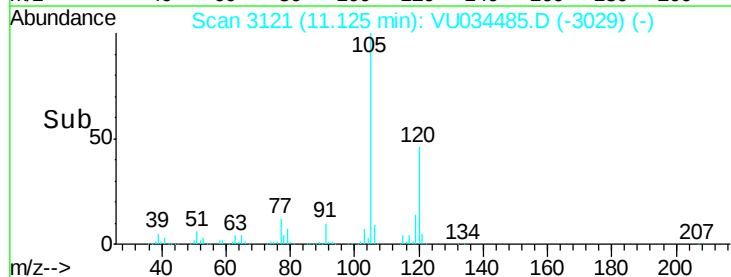
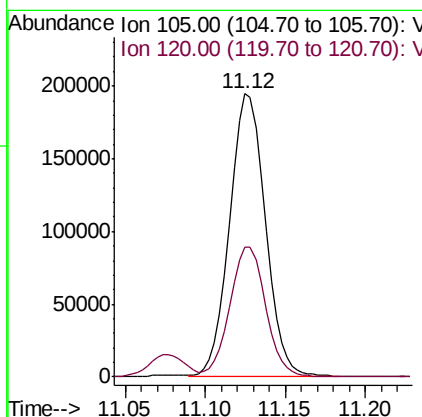
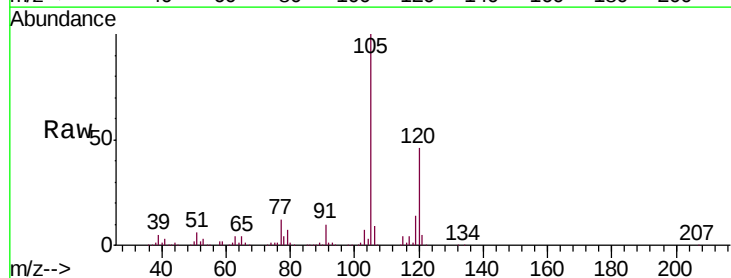
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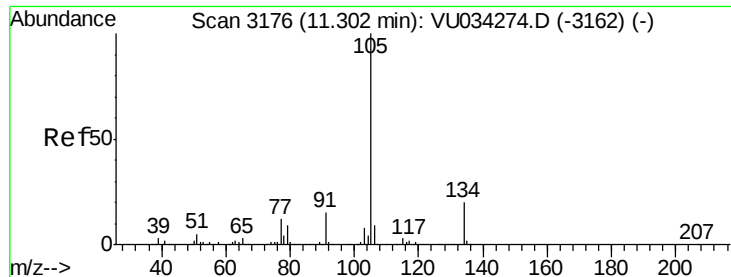
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 22.236 ug/l  
 RT: 11.12 min Scan# 3121  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 294362 |       |       |
| 120     | 46.3  | 22.9   | 68.8  |       |





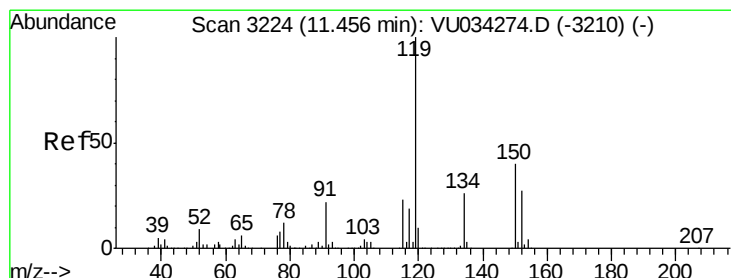
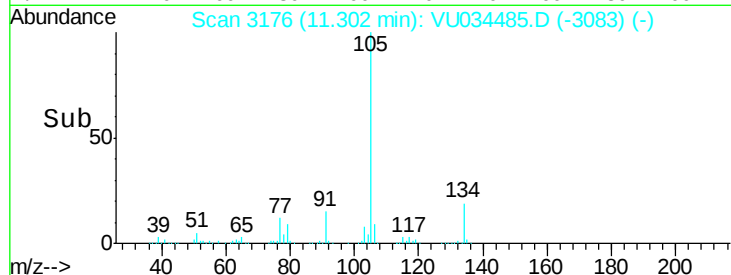
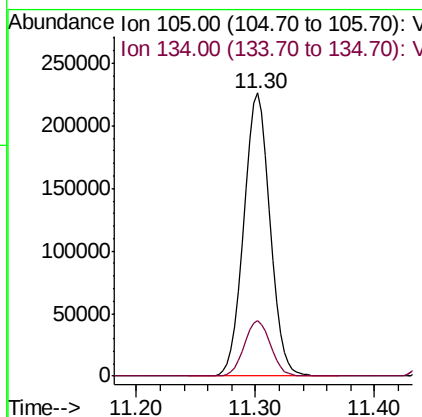
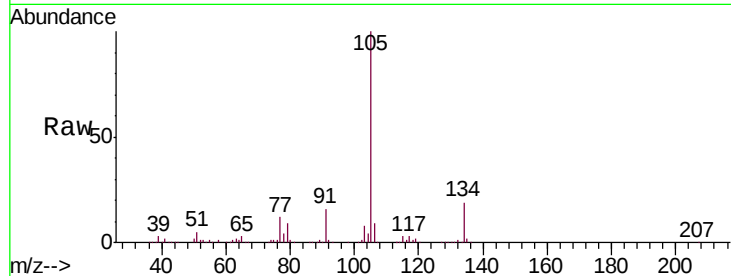
#85  
 sec-Butylbenzene  
 Concen: 22.095 ug/l  
 RT: 11.30 min Scan# 3176  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 343177 |       |       |
| 134     | 19.9  | 10.1   | 30.3  |       |

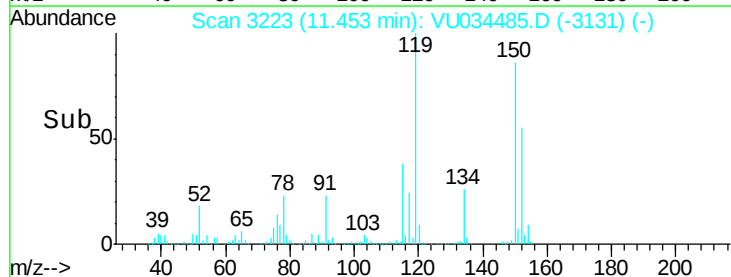
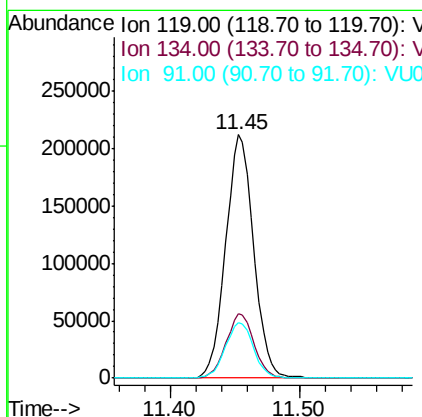
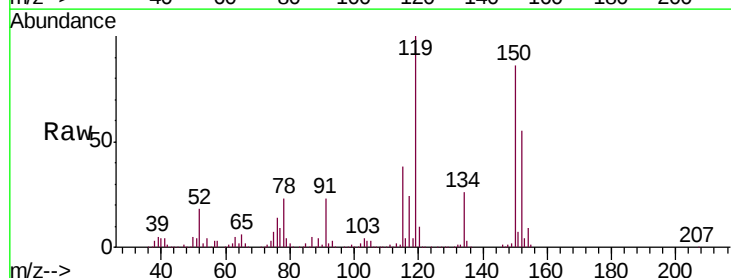
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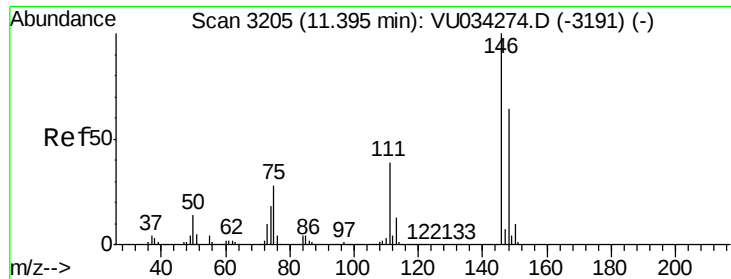
MMDadoda  
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#86  
 p-Isopropyltoluene  
 Concen: 22.070 ug/l  
 RT: 11.45 min Scan# 3223  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 316391 |       |       |
| 134     | 26.5  | 13.3   | 39.8  |       |
| 91      | 23.0  | 11.2   | 33.6  |       |





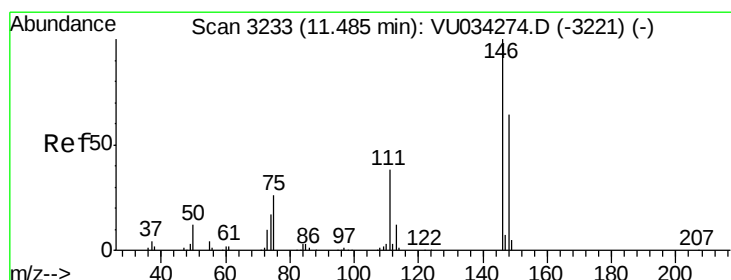
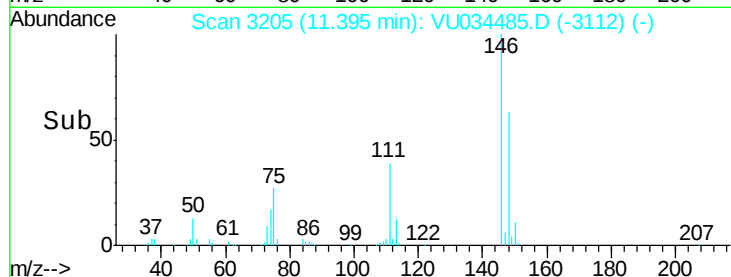
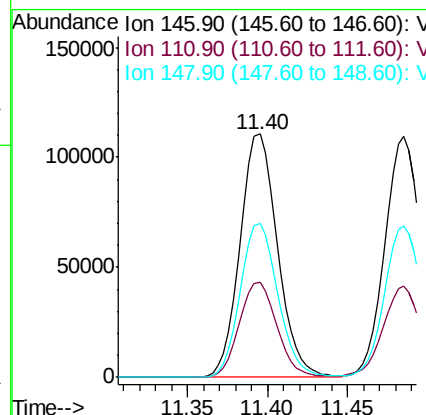
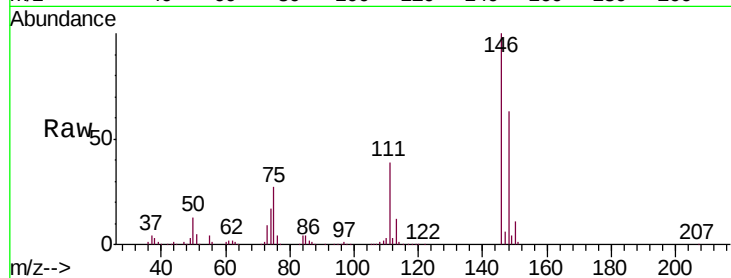
#87  
 1,3-Dichlorobenzene  
 Concen: 22.012 ug/l  
 RT: 11.40 min Scan# 3205  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.2  | 19.5  | 58.5  |
| 148     | 63.8  | 32.1  | 96.3  |

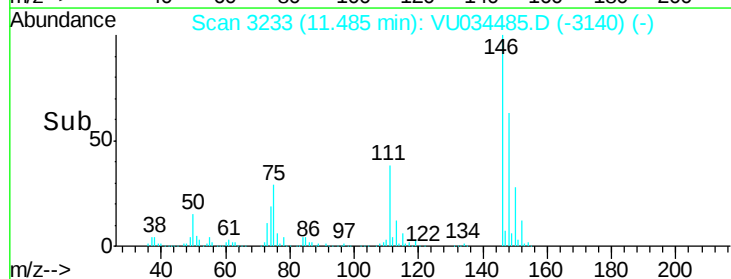
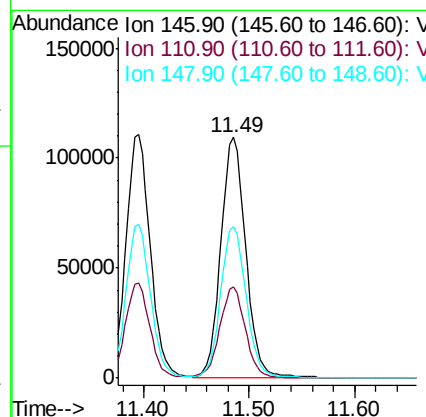
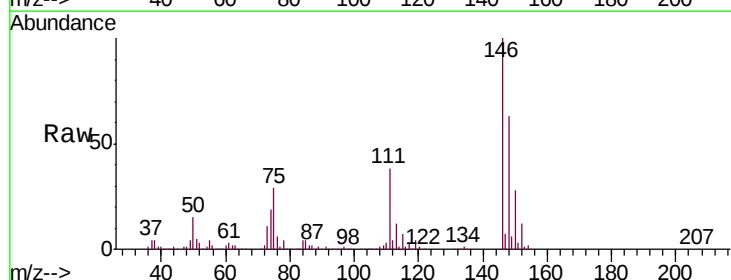
Manual Integrations  
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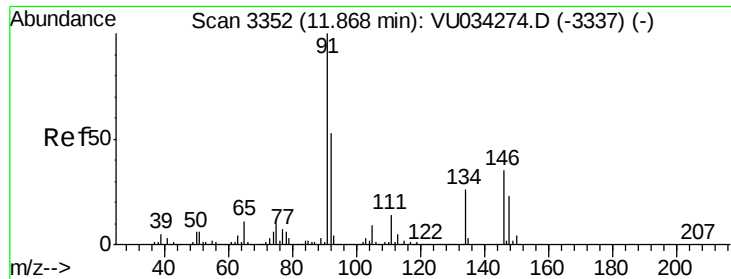
MMDadoda  
 9/13/2019 6:57:24 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 21.369 ug/l  
 RT: 11.49 min Scan# 3233  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 19.1  | 57.3  |
| 148     | 64.4  | 32.0  | 96.0  |





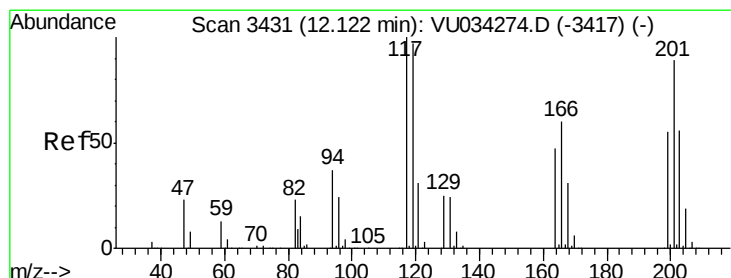
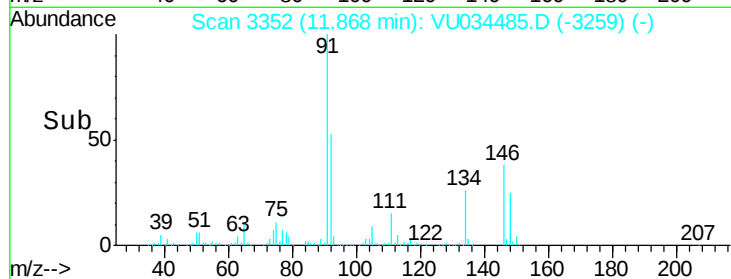
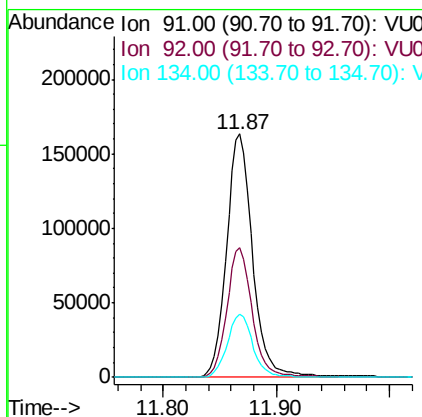
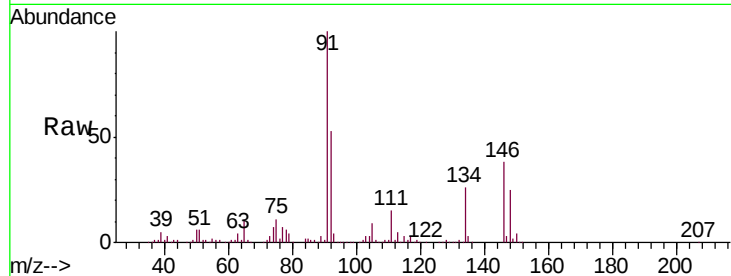
#89  
n-Butylbenzene  
Concen: 20.978 ug/l  
RT: 11.87 min Scan# 3352  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0912WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.1  | 26.5  | 79.4  |
| 134     | 25.8  | 13.2  | 39.6  |

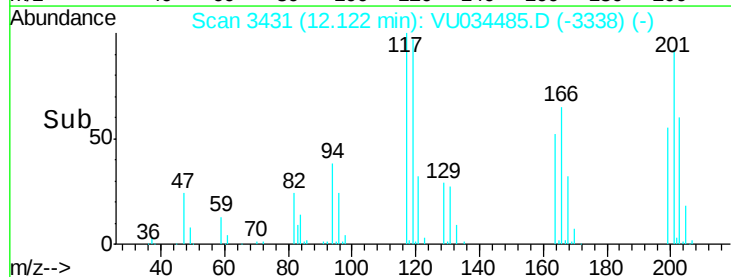
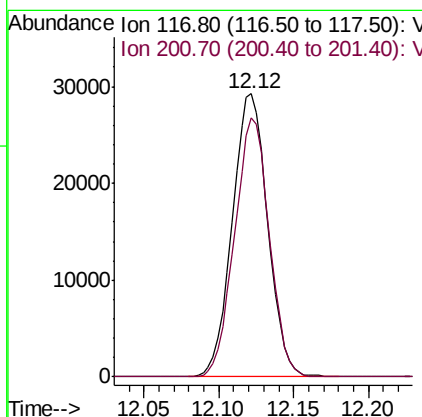
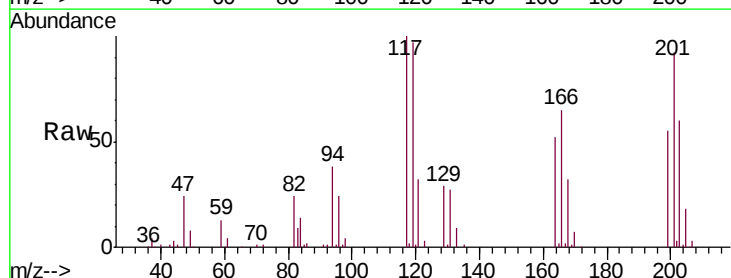
Manual Integrations  
APPROVED

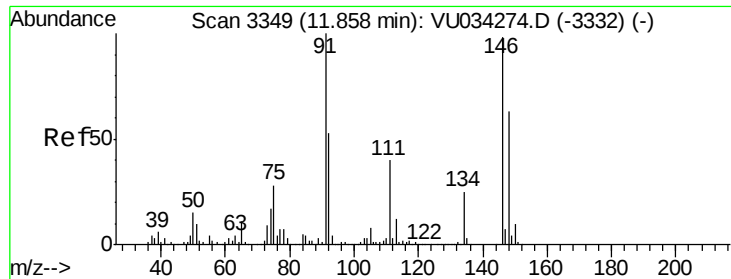
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#90  
Hexachloroethane  
Concen: 20.960 ug/l  
RT: 12.12 min Scan# 3431  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 89.9  | 44.1  | 132.4 |





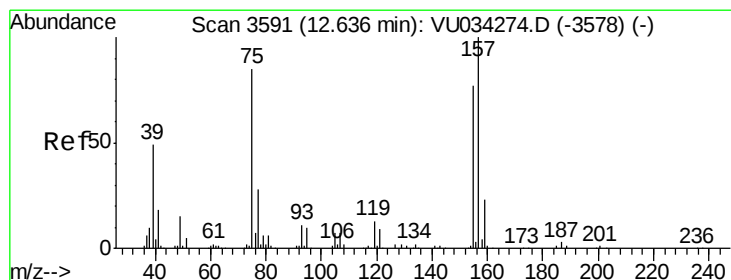
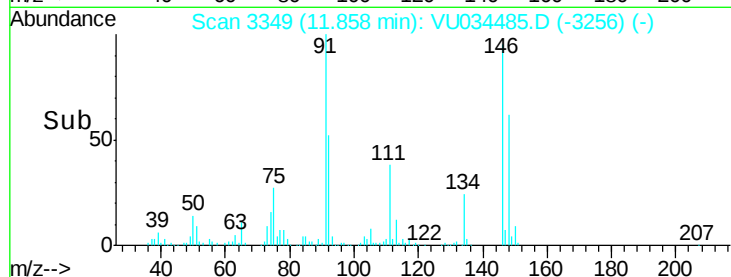
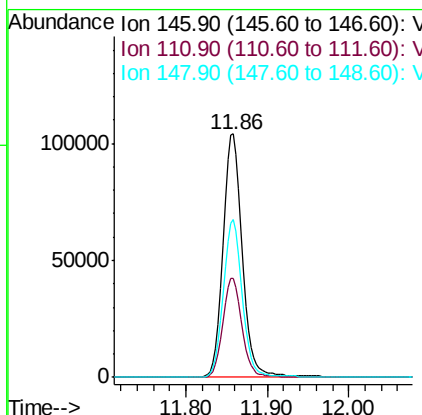
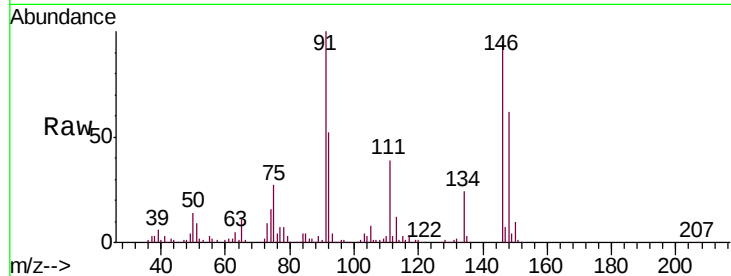
#91  
 1,2-Dichlorobenzene  
 Concen: 22.246 ug/l  
 RT: 11.86 min Scan# 3349  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 175414 |       |       |
| 111     | 40.4  | 20.0   | 60.0  |       |
| 148     | 64.0  | 31.6   | 94.8  |       |

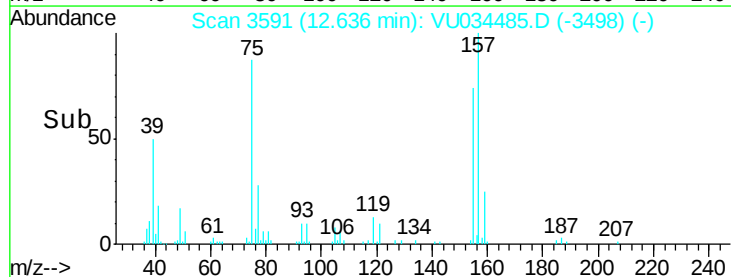
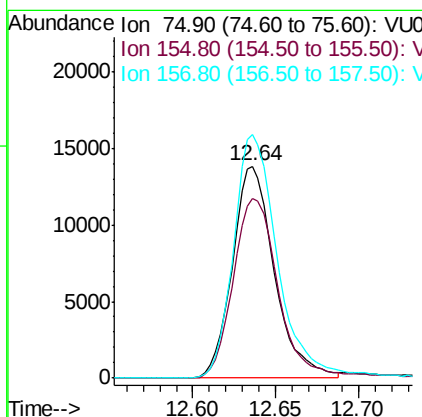
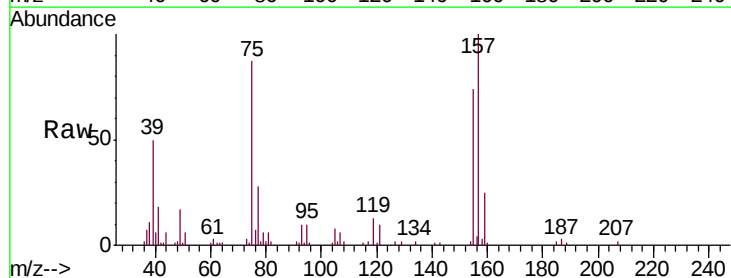
Manual Integrations  
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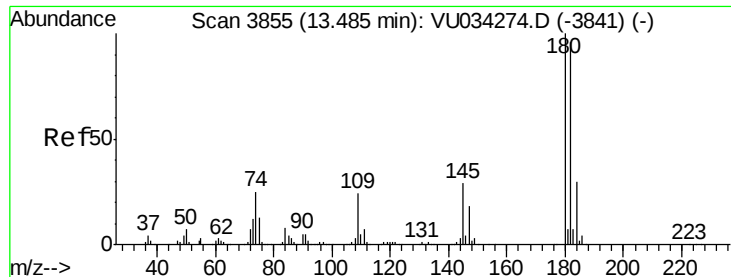
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.926 ug/l  
 RT: 12.64 min Scan# 3591  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 24475 |       |       |
| 155     | 91.7  | 44.6  | 134.0 |       |
| 157     | 121.4 | 58.2  | 174.6 |       |





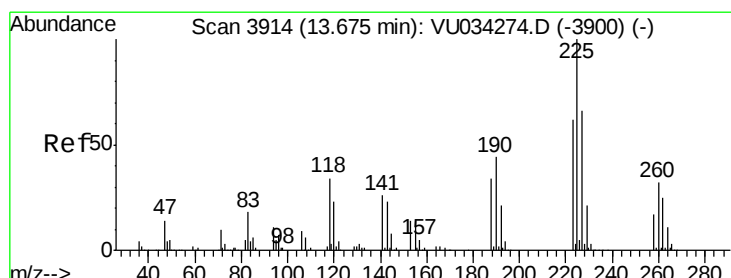
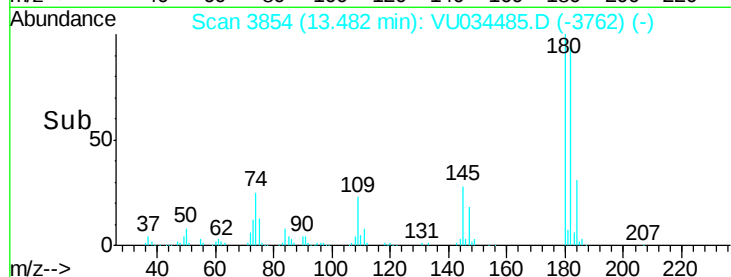
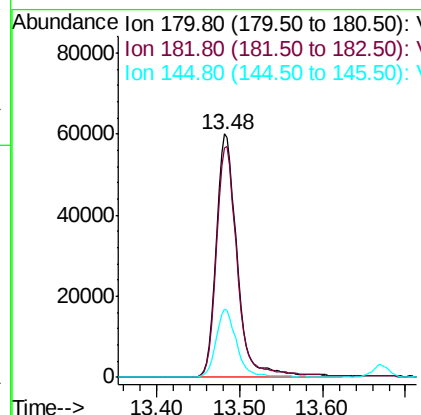
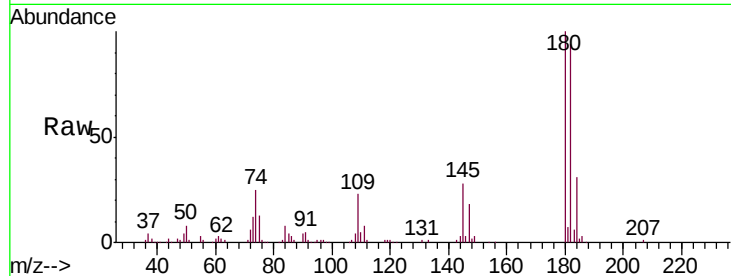
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.823 ug/l  
 RT: 13.48 min Scan# 3854  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0912WBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 106706 |       |       |
| 182     | 93.8  | 47.9   | 143.8 |       |
| 145     | 27.7  | 14.4   | 43.0  |       |

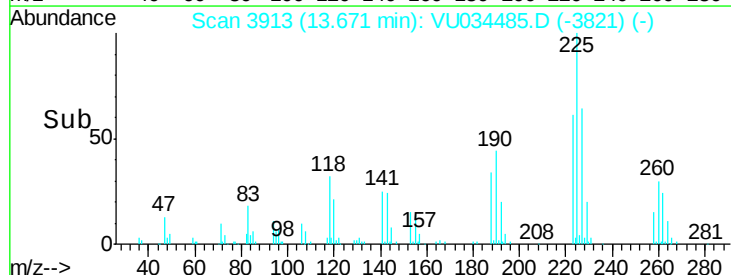
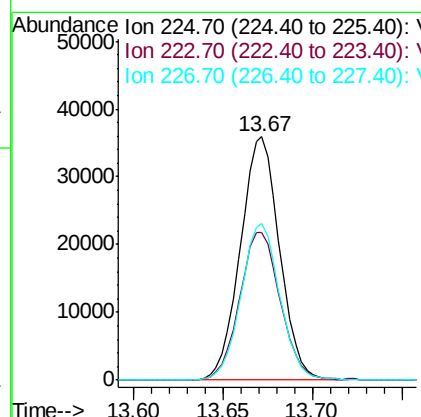
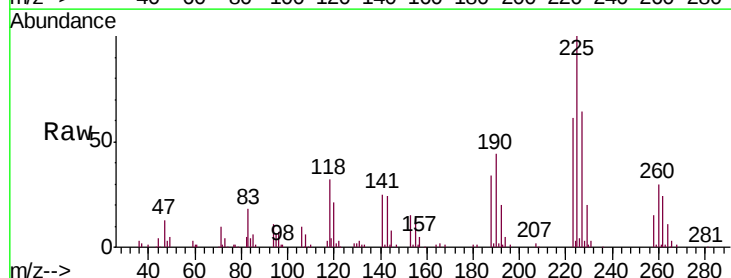
Manual Integrations  
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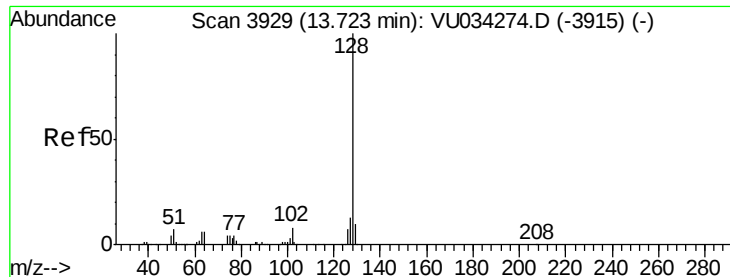
MMDadoda  
 9/13/2019 6:57:24 AM



#94  
 Hexachlorobutadiene  
 Concen: 19.968 ug/l  
 RT: 13.67 min Scan# 3913  
 Delta R.T. -0.00 min  
 Lab File: VU034485.D  
 Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 55074 |       |       |
| 223     | 63.1  | 31.6  | 94.7  |       |
| 227     | 63.9  | 32.3  | 96.8  |       |





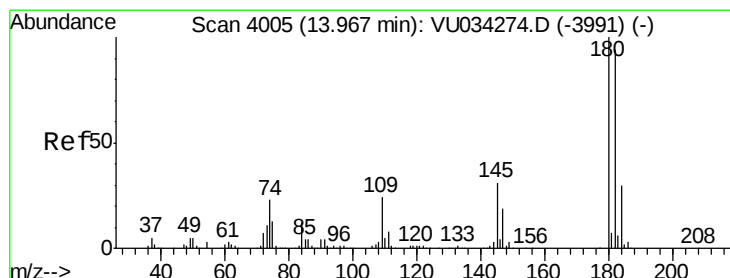
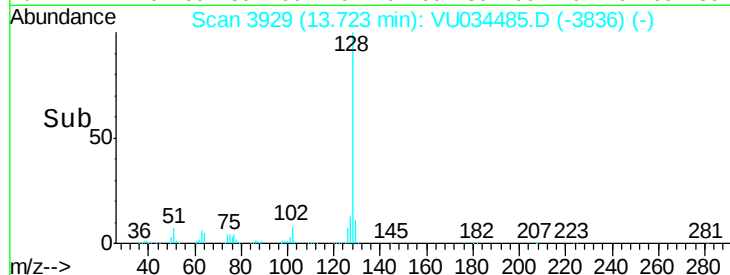
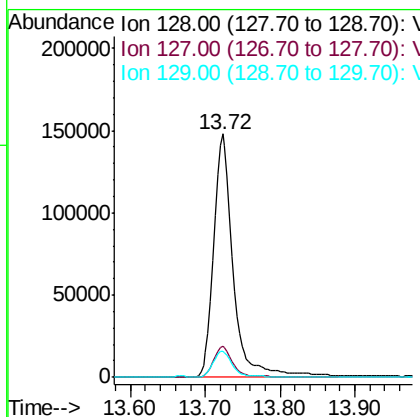
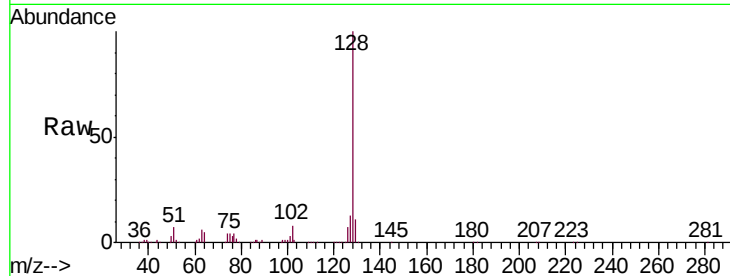
#95  
Naphthalene  
Concen: 19.484 ug/l  
RT: 13.72 min Scan# 3929  
Delta R.T. -0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0912WBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 271435 |       |       |
| 127     | 12.0  | 10.6   | 15.8  |       |
| 129     | 10.3  | 8.4    | 12.6  |       |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 20.582 ug/l  
RT: 13.97 min Scan# 4005  
Delta R.T. 0.00 min  
Lab File: VU034485.D  
Acq: 11 Sep 2019 19:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 104636 |       |       |
| 182     | 96.1  | 48.4   | 145.0 |       |
| 145     | 29.9  | 15.4   | 46.4  |       |

