

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU091219\  
 Data File : VU034480.D  
 Acq On : 11 Sep 2019 17:09  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 9/13/2019 6:57:23 AM

Quant Time: Sep 12 05:03:25 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  | 263124   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.87  | 114  | 365215   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.07  | 117  | 367257   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 249514   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 5.28   | 65  | 205912   | 51.72 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.44% |      |
| 35) Dibromofluoromethane    | 4.86   | 113 | 187544   | 55.19 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 110.38% |      |
| 50) Toluene-d8              | 7.54   | 98  | 703314   | 55.09 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 110.18% |      |
| 62) 4-Bromofluorobenzene    | 10.29  | 95  | 265359   | 53.83 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 107.66% |      |

|                               |      |     |         |         |      |     |
|-------------------------------|------|-----|---------|---------|------|-----|
| Target Compounds              |      |     | Qvalue  |         |      |     |
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 131407  | 47.752  | ug/l | 100 |
| 3) Chloromethane              | 1.32 | 50  | 156865  | 52.767  | ug/l | 98  |
| 4) Vinyl Chloride             | 1.40 | 62  | 161060  | 46.968  | ug/l | 99  |
| 5) Bromomethane               | 1.61 | 94  | 96322   | 55.842  | ug/l | 99  |
| 6) Chloroethane               | 1.69 | 64  | 104319  | 52.387  | ug/l | 97  |
| 7) Trichlorofluoromethane     | 1.87 | 101 | 235536  | 51.226  | ug/l | 99  |
| 8) Diethyl Ether              | 2.09 | 74  | 100953  | 49.915  | ug/l | 99  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.27 | 101 | 156331  | 51.334  | ug/l | 100 |
| 10) Methyl Iodide             | 2.40 | 142 | 128556  | 46.437  | ug/l | 99  |
| 11) Tert butyl alcohol        | 2.81 | 59  | 213438  | 253.769 | ug/l | 99  |
| 12) 1,1-Dichloroethene        | 2.27 | 96  | 140598  | 49.112  | ug/l | 98  |
| 13) Acrolein                  | 2.18 | 56  | 106713  | 150.957 | ug/l | 99  |
| 14) Allyl chloride            | 2.58 | 41  | 267366m | 48.851  | ug/l |     |
| 15) Acrylonitrile             | 2.92 | 53  | 543623  | 259.552 | ug/l | 98  |
| 16) Acetone                   | 2.31 | 43  | 511001  | 248.032 | ug/l | 99  |
| 17) Carbon Disulfide          | 2.46 | 76  | 276109  | 42.913  | ug/l | 100 |
| 18) Methyl Acetate            | 2.60 | 43  | 245033  | 48.879  | ug/l | 98  |
| 19) Methyl tert-butyl Ether   | 2.98 | 73  | 561265  | 53.788  | ug/l | 100 |
| 20) Methylene Chloride        | 2.69 | 84  | 183702  | 54.474  | ug/l | 99  |
| 21) trans-1,2-Dichloroethene  | 2.96 | 96  | 150261  | 49.808  | ug/l | 97  |
| 22) Diisopropyl ether         | 3.55 | 45  | 578512  | 54.201  | ug/l | 98  |
| 23) Vinyl Acetate             | 3.50 | 43  | 2336080 | 268.696 | ug/l | 99  |
| 24) 1,1-Dichloroethane        | 3.42 | 63  | 325217  | 51.022  | ug/l | 99  |
| 25) 2-Butanone                | 4.24 | 43  | 722718  | 262.795 | ug/l | 99  |
| 26) 2,2-Dichloropropane       | 4.20 | 77  | 269737  | 52.616  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene    | 4.20 | 96  | 193283  | 52.752  | ug/l | 97  |
| 28) Bromochloromethane        | 4.52 | 49  | 160402  | 54.711  | ug/l | 99  |
| 29) Tetrahydrofuran           | 4.61 | 42  | 428659  | 256.150 | ug/l | 99  |
| 30) Chloroform                | 4.65 | 83  | 330607  | 51.027  | ug/l | 98  |
| 31) Cyclohexane               | 4.97 | 56  | 219834  | 47.143  | ug/l | 100 |
| 32) 1,1,1-Trichloroethane     | 4.89 | 97  | 270185  | 52.158  | ug/l | 100 |
| 36) 1,1-Dichloropropene       | 5.11 | 75  | 208978  | 52.762  | ug/l | 99  |
| 37) Ethyl Acetate             | 4.35 | 43  | 249438  | 53.265  | ug/l | 99  |
| 38) Carbon Tetrachloride      | 5.11 | 117 | 231283  | 54.689  | ug/l | 98  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 9/13/2019 6:57:23 AM

Quant Time: Sep 12 05:03:25 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          | 6.39  | 83   | 218379   | 51.576   | ug/l   | 99       |
| 40) Benzene                    | 5.37  | 78   | 690111   | 53.997   | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.51  | 41   | 140824   | 56.455   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 5.38  | 62   | 241049   | 54.323   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 5.52  | 43   | 395649   | 54.159   | ug/l   | 100      |
| 44) Trichloroethene            | 6.16  | 130  | 186849   | 52.833   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 6.41  | 63   | 206076   | 55.155   | ug/l   | 98       |
| 46) Dibromomethane             | 6.54  | 93   | 127392   | 54.319   | ug/l   | 99       |
| 47) Bromodichloromethane       | 6.73  | 83   | 266732   | 55.252   | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.60  | 41   | 187009   | 53.897   | ug/l   | 100      |
| 49) 1,4-Dioxane                | 6.59  | 88   | 84099    | 1109.975 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 7.44  | 43   | 1361928  | 269.329  | ug/l   | 99       |
| 52) Toluene                    | 7.61  | 92   | 439524   | 54.822   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 7.86  | 75   | 275607   | 55.073   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 7.25  | 75   | 312941   | 56.977   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 8.05  | 97   | 205942   | 56.571   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 8.00  | 69   | 280460   | 50.664   | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 8.22  | 76   | 326607   | 55.096   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.11  | 63   | 421307   | 226.803  | ug/l   | 100      |
| 59) 2-Hexanone                 | 8.34  | 43   | 1033256  | 273.518  | ug/l   | 100      |
| 60) Dibromochloromethane       | 8.45  | 129  | 223547   | 57.250   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 8.57  | 107  | 196101   | 55.036   | ug/l   | 98       |
| 64) Tetrachloroethene          | 8.21  | 164  | 171960   | 53.971   | ug/l   | 98       |
| 65) Chlorobenzene              | 9.10  | 112  | 508266   | 54.550   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 9.19  | 131  | 197730   | 55.607   | ug/l   | 100      |
| 67) Ethyl Benzene              | 9.23  | 91   | 852763   | 55.975   | ug/l   | 98       |
| 68) m/p-Xylenes                | 9.35  | 106  | 672925   | 117.301  | ug/l   | 100      |
| 69) o-Xylene                   | 9.76  | 106  | 321310   | 57.271   | ug/l   | 99       |
| 70) Styrene                    | 9.77  | 104  | 589415   | 59.922   | ug/l   | 100      |
| 71) Bromoform                  | 9.94  | 173  | 172666   | 56.029   | ug/l # | 100      |
| 73) Isopropylbenzene           | 10.14 | 105  | 902566   | 55.584   | ug/l   | 100      |
| 74) N-amyl acetate             | 9.99  | 43   | 352347   | 53.907   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.43 | 83   | 341474   | 51.954   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 10.47 | 75   | 288549m  | 52.979   | ug/l   |          |
| 77) Bromobenzene               | 10.43 | 156  | 245143   | 53.993   | ug/l   | 99       |
| 78) n-propylbenzene            | 10.57 | 91   | 1056863  | 56.357   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 10.64 | 91   | 633892   | 55.399   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 10.75 | 105  | 792528   | 58.359   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75   | 90731m   | 56.022   | ug/l   |          |
| 82) 4-Chlorotoluene            | 10.75 | 91   | 738844   | 56.110   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.08 | 119  | 762552   | 56.130   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.13 | 105  | 792876   | 58.001   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.30 | 105  | 919730   | 57.345   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 11.45 | 119  | 857268   | 57.910   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 11.40 | 146  | 446507   | 53.893   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 11.49 | 146  | 453149   | 52.439   | ug/l   | 99       |
| 89) n-Butylbenzene             | 11.87 | 91   | 746592   | 58.035   | ug/l   | 100      |
| 90) Hexachloroethane           | 12.12 | 117  | 129707   | 54.766   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 11.86 | 146  | 436376   | 53.593   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.64 | 75   | 65068    | 53.874   | ug/l   | 98       |

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Data File : VU034480.D  
Acq On : 11 Sep 2019 17:09  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

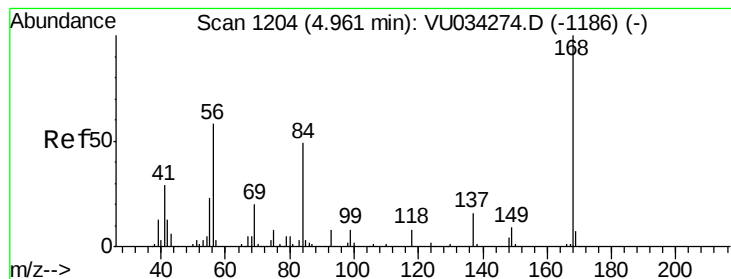
MMDadoda  
9/13/2019 6:57:23 AM

Quant Time: Sep 12 05:03:25 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) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.48 | 180  | 292563   | 49.574 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.67 | 225  | 162204   | 56.950 | ug/l  | 99       |
| 95) Naphthalene            | 13.72 | 128  | 760635   | 46.078 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 13.96 | 180  | 291645   | 51.072 | 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: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 263124

Ion Ratio Lower Upper

168 100

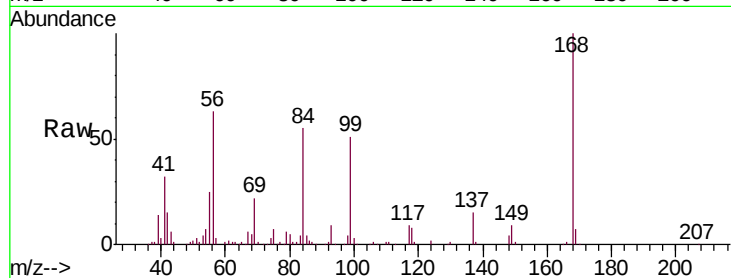
99 49.8 41.6 62.4

Manual Integrations

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9/13/2019 6:57:23 AM



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

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

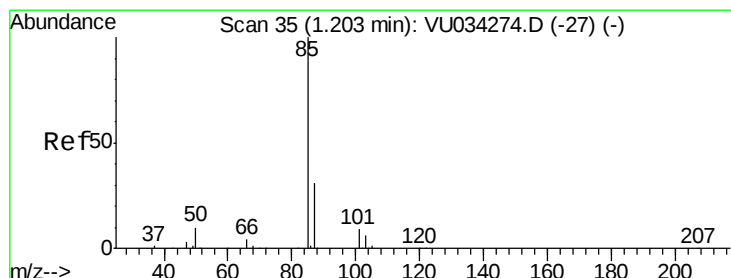
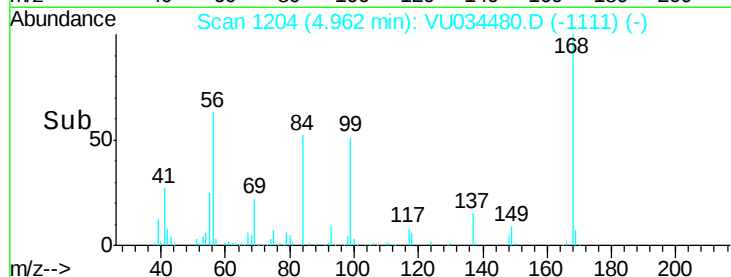
4.96

100000

50000

0

Time--> 4.85 4.90 4.95 5.00 5.05



#2

Dichlorodifluoromethane

Concen: 47.752 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034480.D

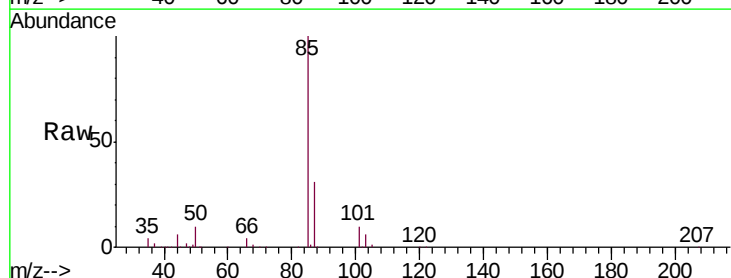
Acq: 11 Sep 2019 17:09

Tgt Ion: 85 Resp: 131407

Ion Ratio Lower Upper

85 100

87 31.3 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) (-)

1.20

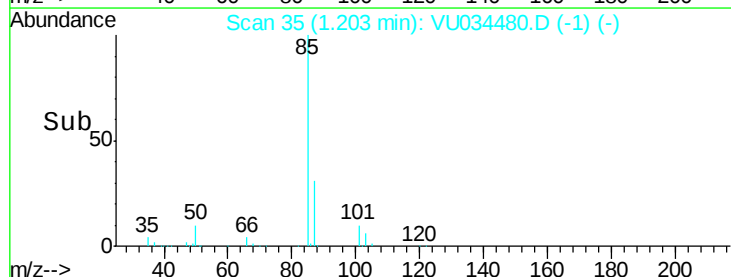
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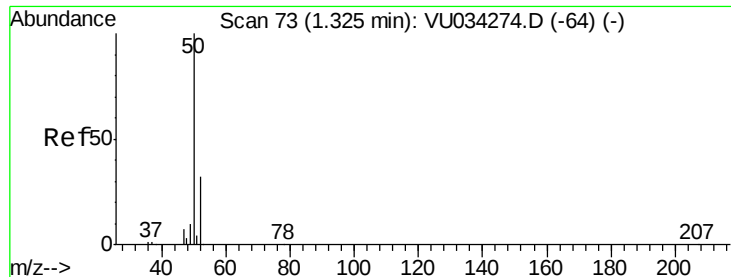
100000

50000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 52.767 ug/l

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 156865

Ion Ratio Lower Upper

50 100

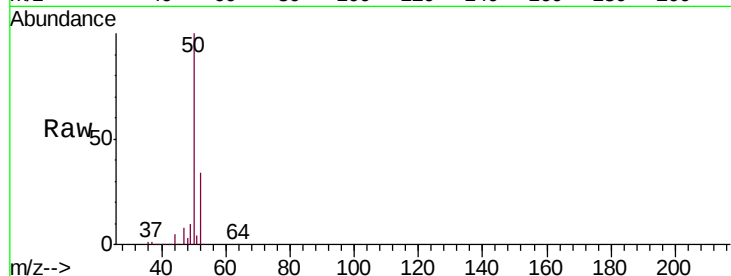
52 33.6 25.8 38.6

Manual Integrations

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9/13/2019 6:57:23 AM



Abundance Ion 49.90 (49.60 to 50.60): VU034480.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU034480.D (-1) (-)

1.32

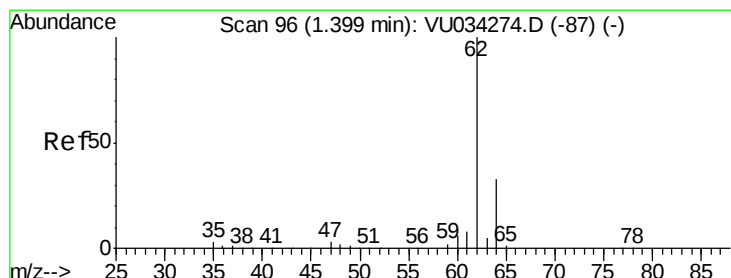
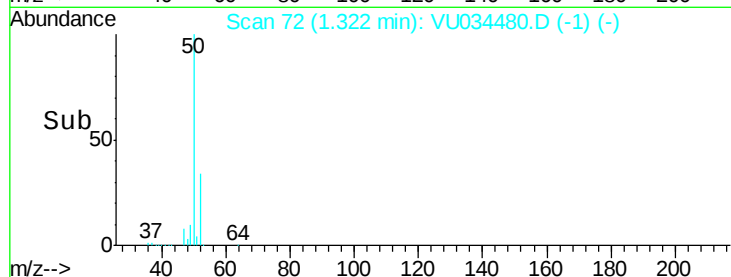
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.968 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034480.D

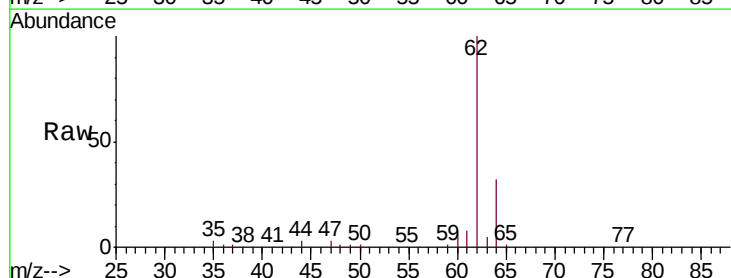
Acq: 11 Sep 2019 17:09

Tgt Ion: 62 Resp: 161060

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VU034480.D (-3) (-)

Ion 63.90 (63.60 to 64.60): VU034480.D (-3) (-)

1.40

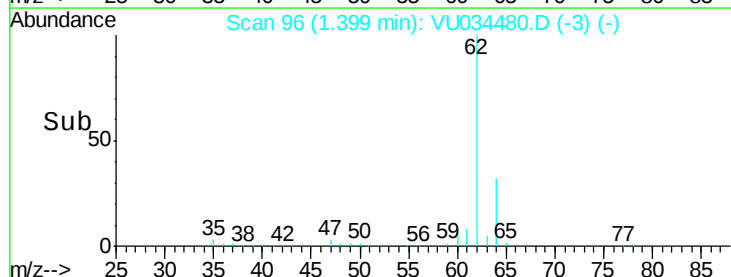
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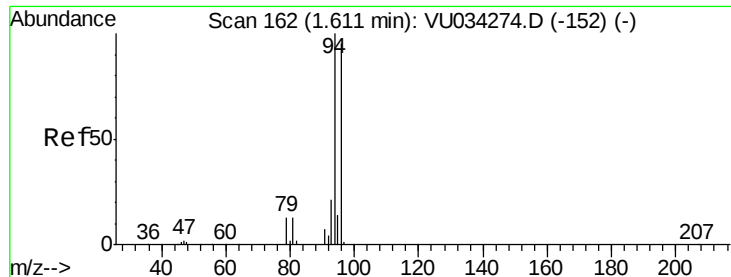
100000

50000

0

Time-->





#5

Bromomethane

Concen: 55.842 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 96322

Ion Ratio Lower Upper

94 100

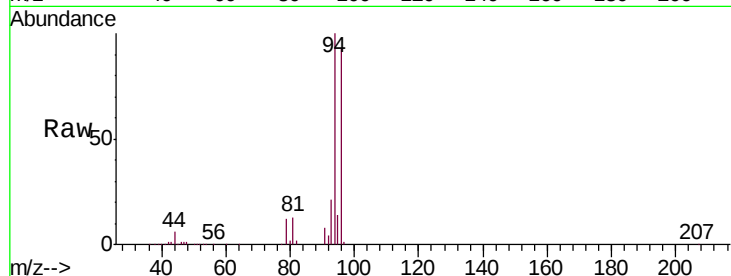
96 93.3 75.7 113.5

Manual Integrations

APPROVED

MMDadoda

9/13/2019 6:57:23 AM



Abundance Ion 93.90 (93.60 to 94.60): VU034480.D (-68) (-)

Ion 95.90 (95.60 to 96.60): VU034480.D (-68) (-)

80000

60000

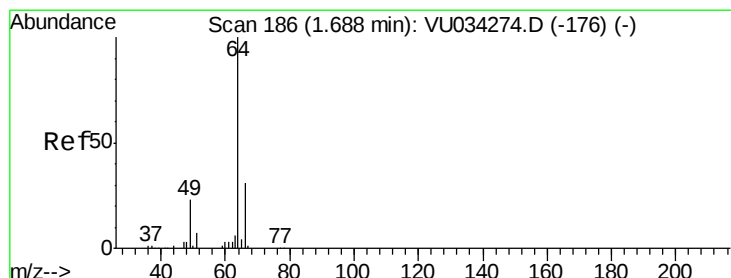
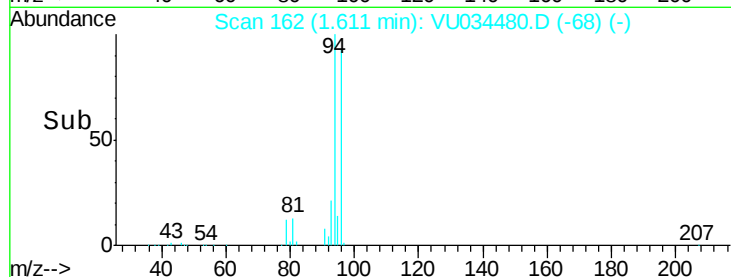
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 52.387 ug/l

RT: 1.69 min Scan# 185

Delta R.T. -0.00 min

Lab File: VU034480.D

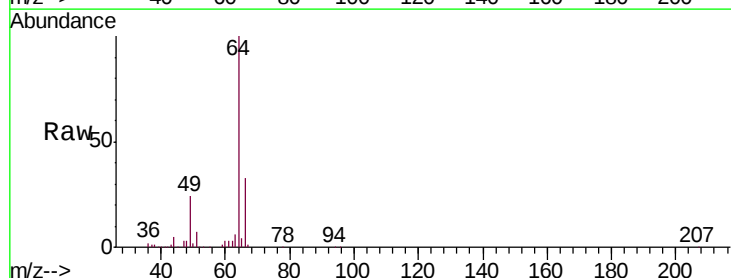
Acq: 11 Sep 2019 17:09

Tgt Ion: 64 Resp: 104319

Ion Ratio Lower Upper

64 100

66 33.1 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU034480.D (-93) (-)

Ion 65.90 (65.60 to 66.60): VU034480.D (-93) (-)

80000

60000

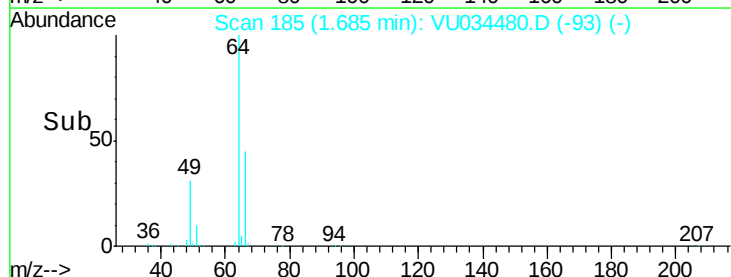
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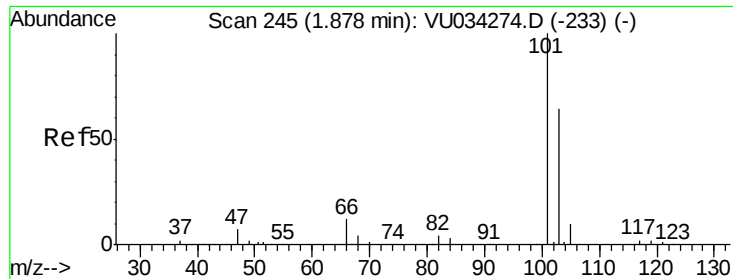
20000

0

1.65 1.70 1.75

Time-->





#7

Trichlorofluoromethane

Concen: 51.226 ug/l

RT: 1.87 min Scan# 244

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 101 Resp: 235536

Ion Ratio Lower Upper

101 100

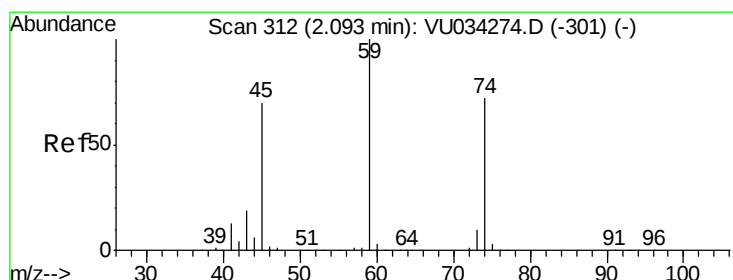
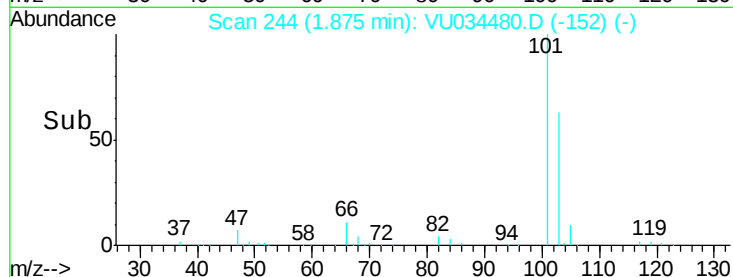
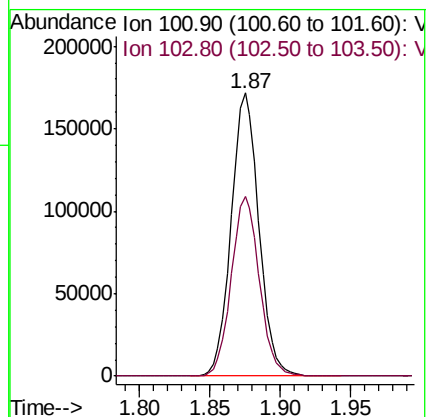
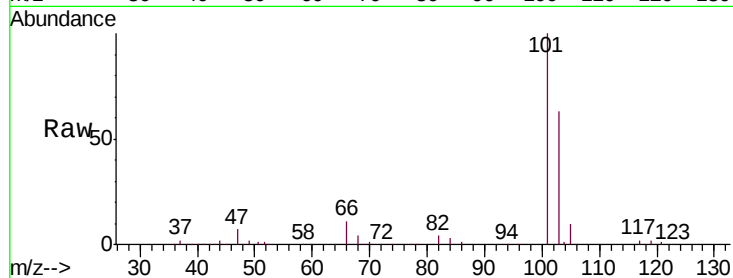
103 63.4 51.0 76.6

Manual Integrations

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#8

Diethyl Ether

Concen: 49.915 ug/l

RT: 2.09 min Scan# 312

Delta R.T. 0.00 min

Lab File: VU034480.D

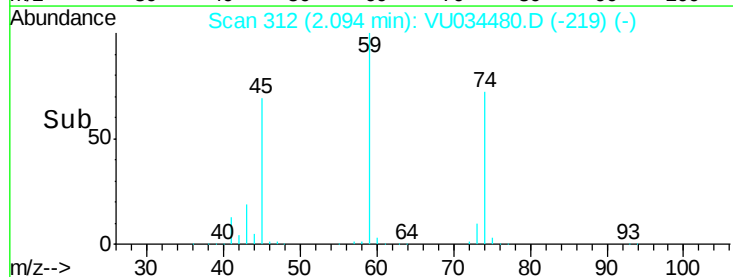
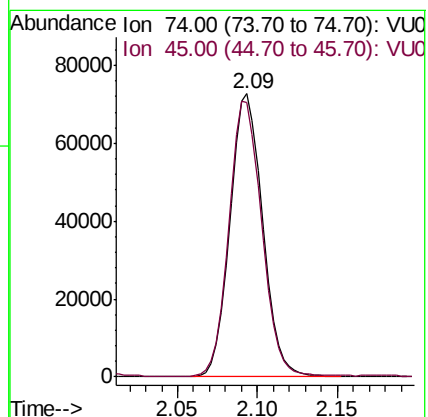
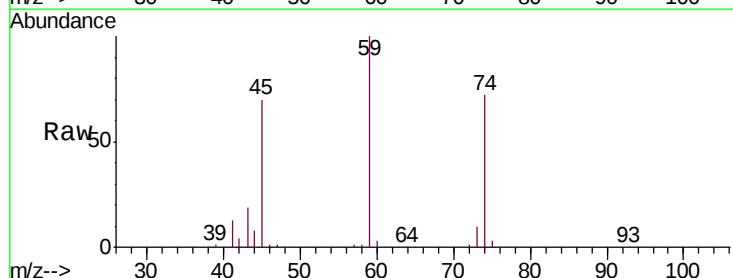
Acq: 11 Sep 2019 17:09

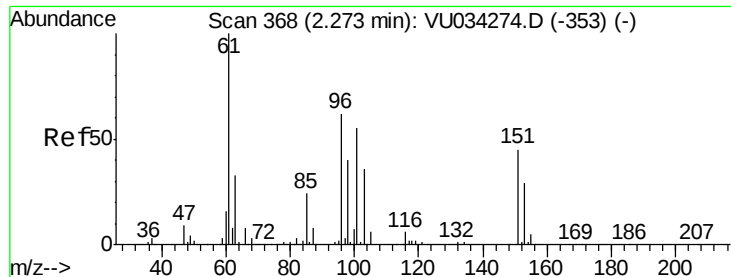
Tgt Ion: 74 Resp: 100953

Ion Ratio Lower Upper

74 100

45 97.7 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.334 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

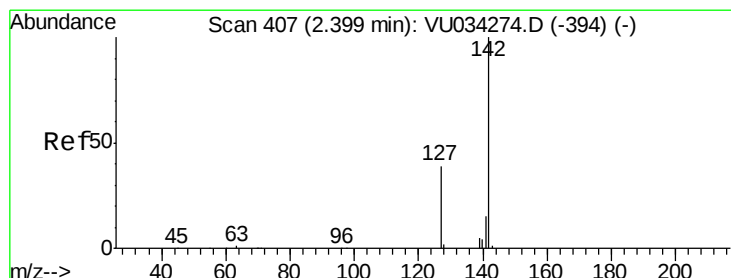
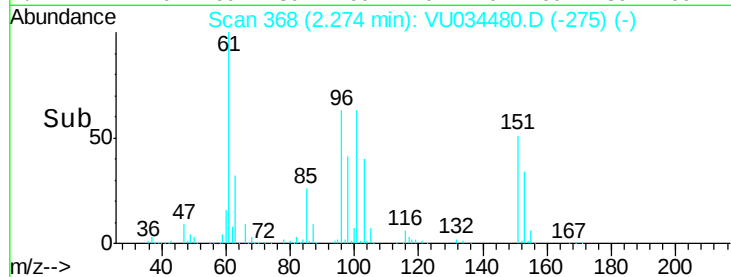
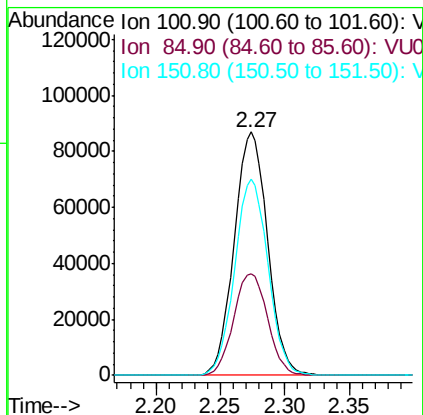
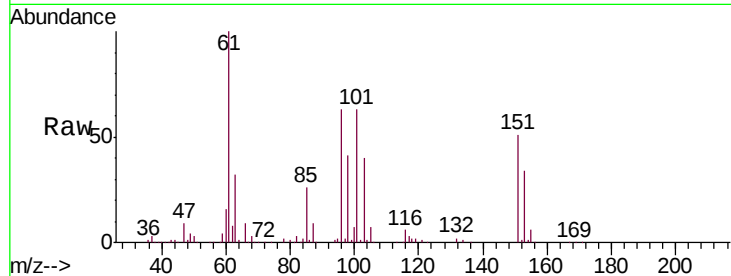
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 101   | Resp: | 156331 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.6  | 34.4  | 51.6   |
| 151       | 80.7  | 64.4  | 96.6   |

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#10

Methyl Iodide

Concen: 46.437 ug/l

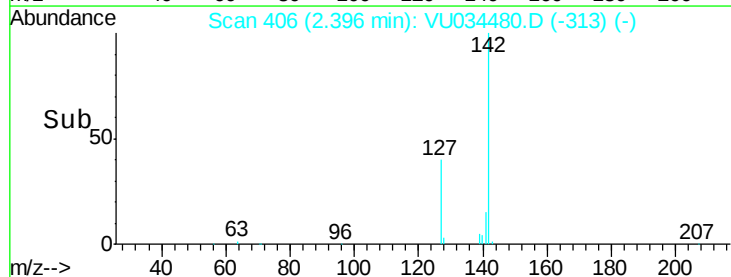
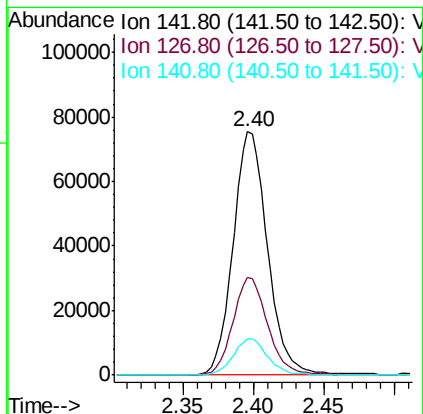
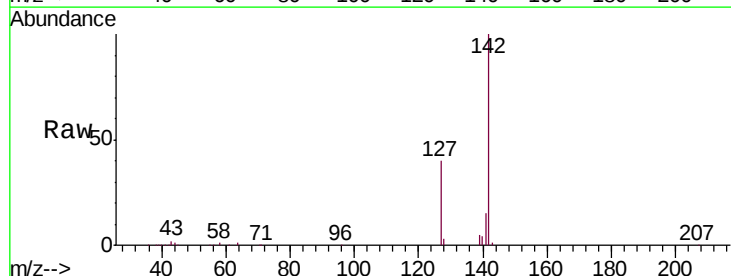
RT: 2.40 min Scan# 406

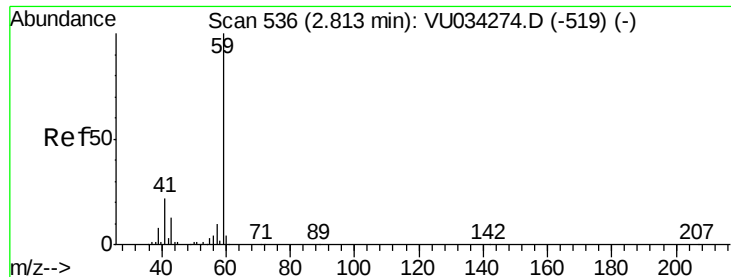
Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 128556 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 40.7  | 32.1  | 48.1   |
| 141       | 14.9  | 11.5  | 17.3   |





#11

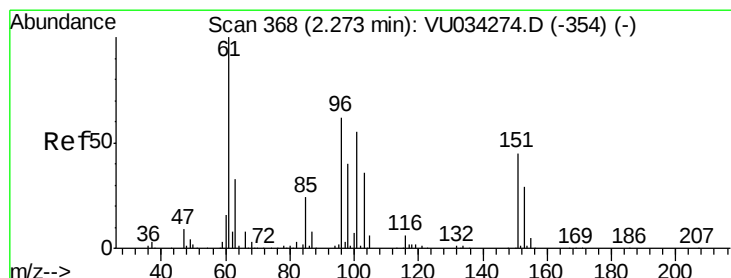
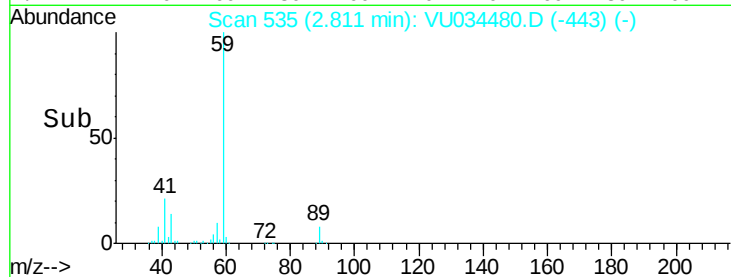
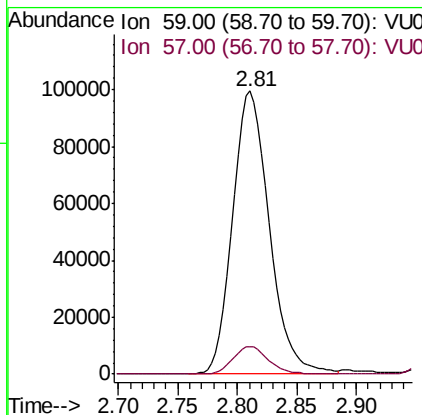
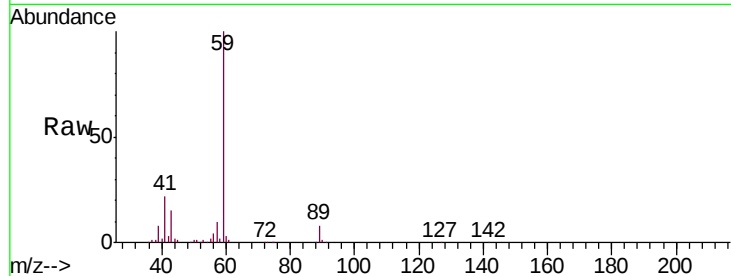
Tert butyl alcohol  
 Concen: 253.769 ug/l  
 RT: 2.81 min Scan# 535  
 Delta R.T. -0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.5   | 7.9   | 11.9  |

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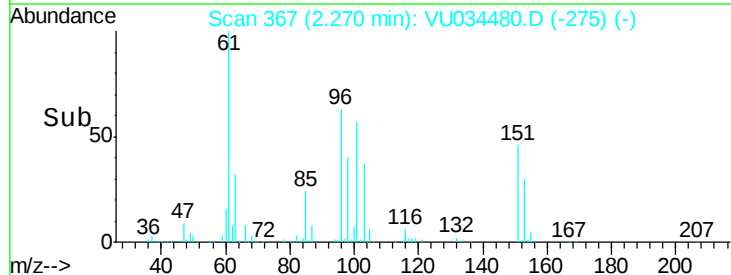
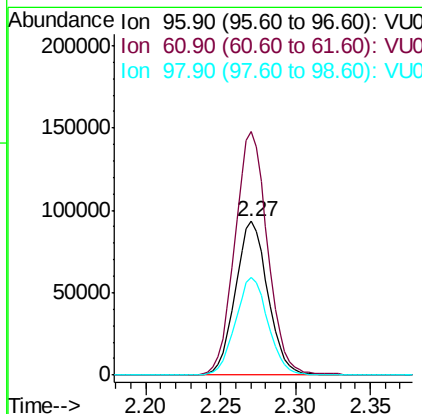
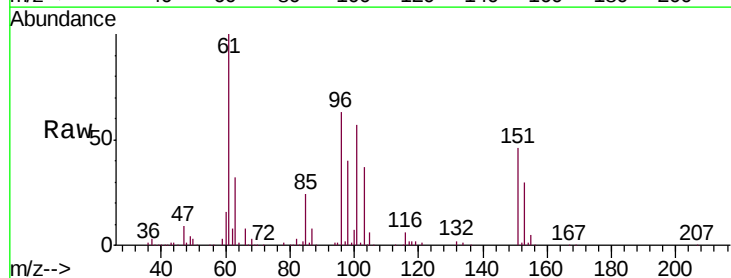
MMDadoda  
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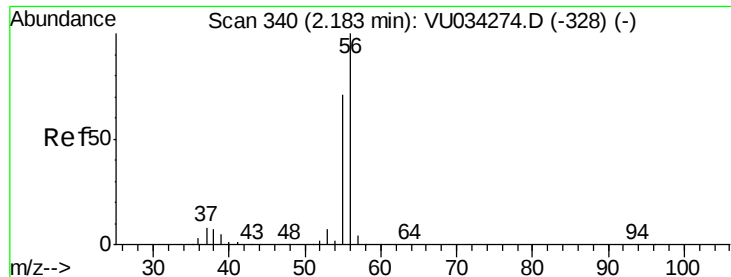


#12

1,1-Dichloroethene  
 Concen: 49.112 ug/l  
 RT: 2.27 min Scan# 367  
 Delta R.T. -0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 158.9 | 130.0 | 195.0 |
| 98      | 64.0  | 52.2  | 78.4  |





#13

Acrolein

Concen: 150.957 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 106713

Ion Ratio Lower Upper

56 100

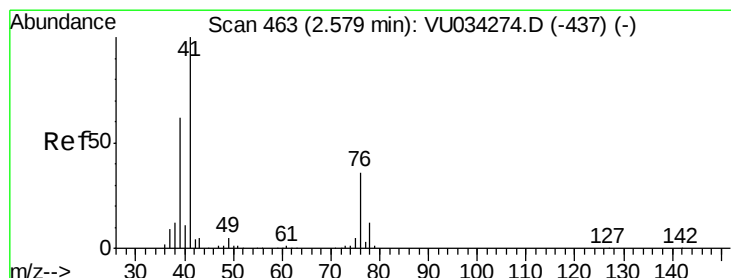
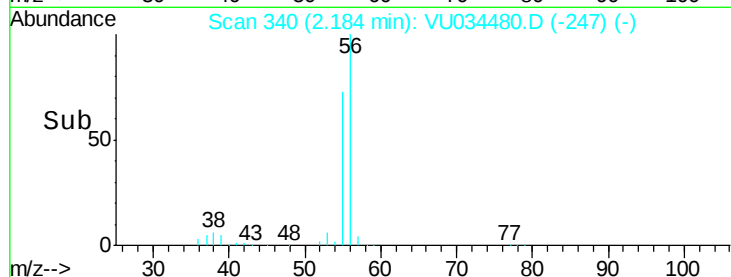
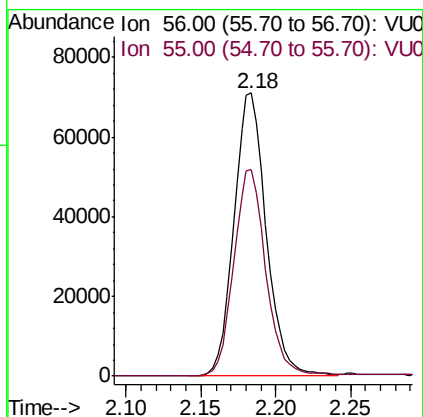
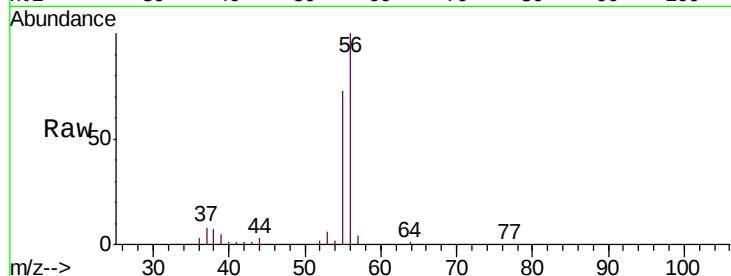
55 72.8 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 48.851 ug/l m

RT: 2.58 min Scan# 462

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

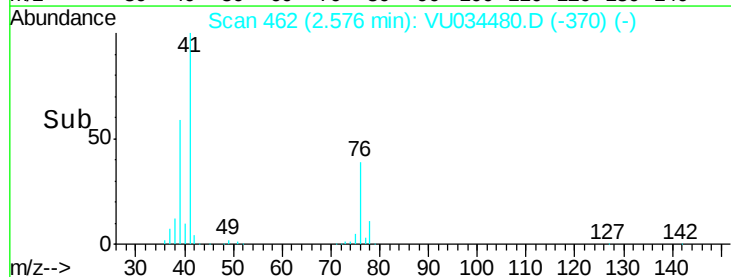
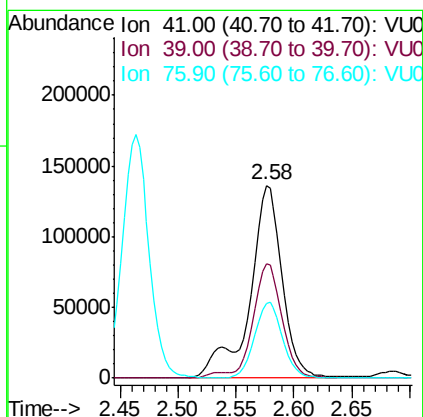
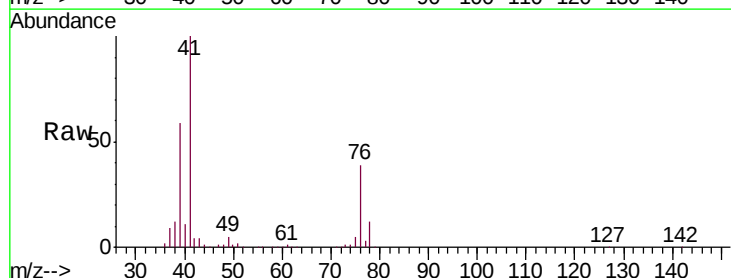
Tgt Ion: 41 Resp: 267366

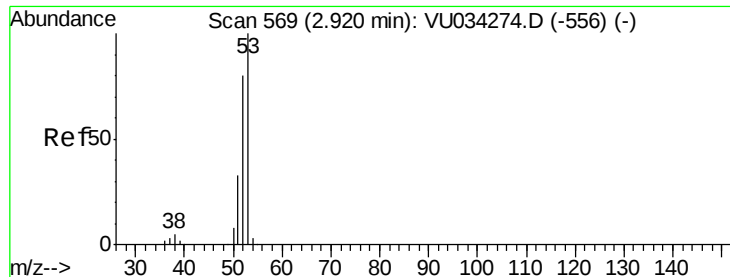
Ion Ratio Lower Upper

41 100

39 53.8 43.5 65.3

76 33.4 27.0 40.6





#15

Acrylonitrile

Concen: 259.552 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

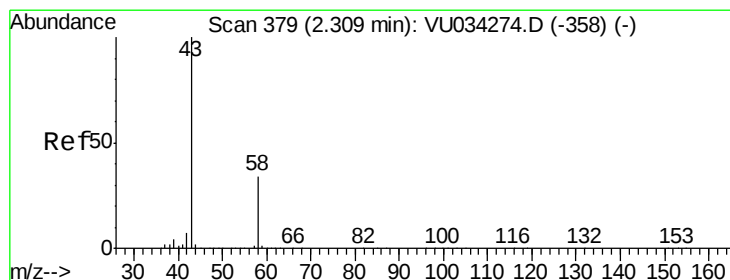
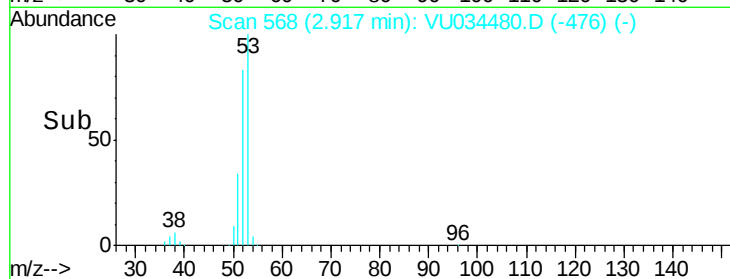
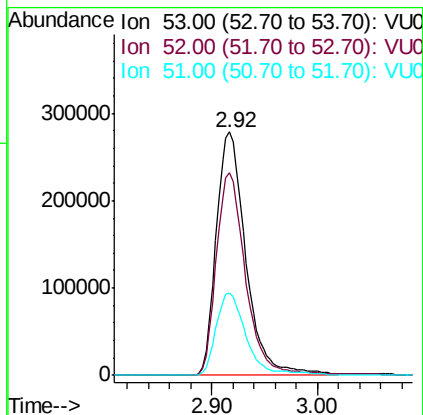
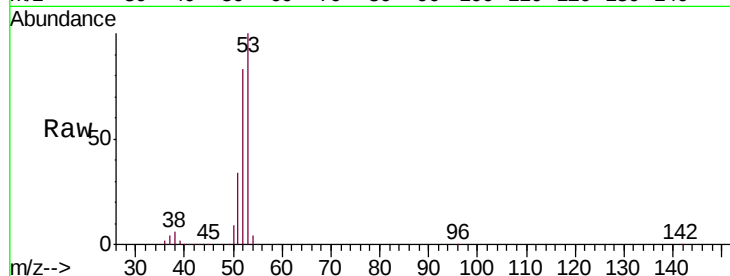
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 543623 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.4  | 64.1  | 96.1   |
| 51       | 34.7  | 27.4  | 41.0   |

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#16

Acetone

Concen: 248.032 ug/l

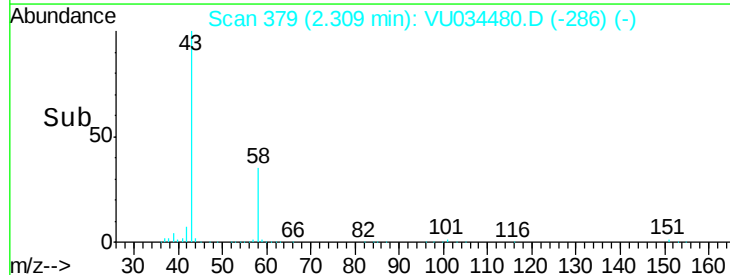
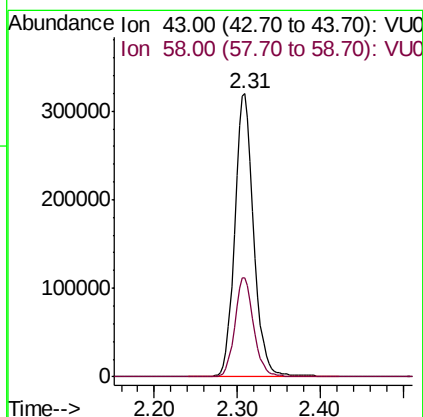
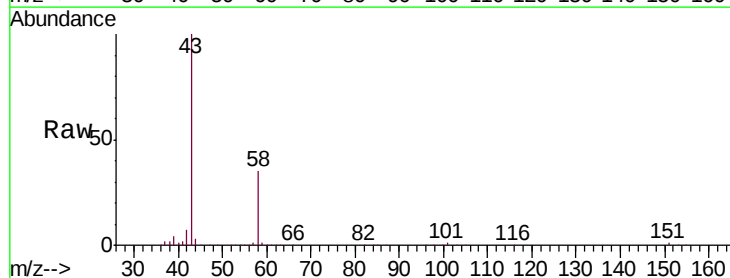
RT: 2.31 min Scan# 379

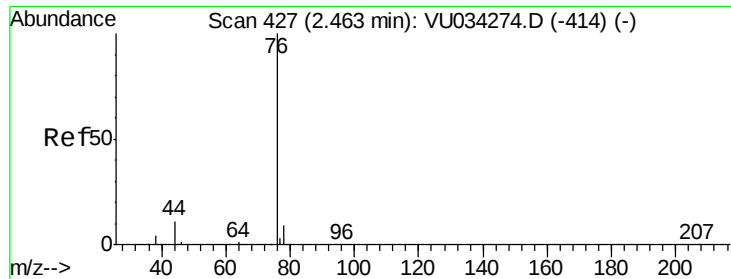
Delta R.T. 0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 511001 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 35.1  | 27.6  | 41.4   |





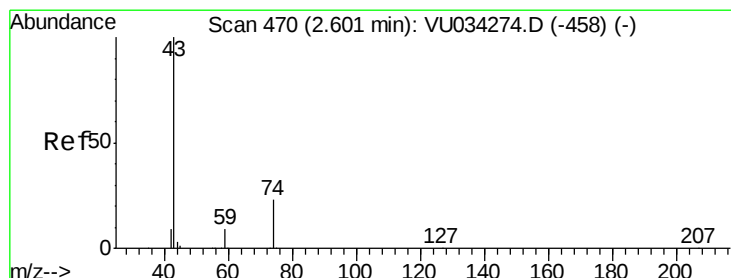
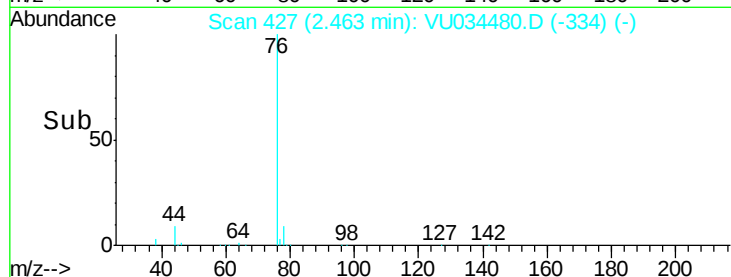
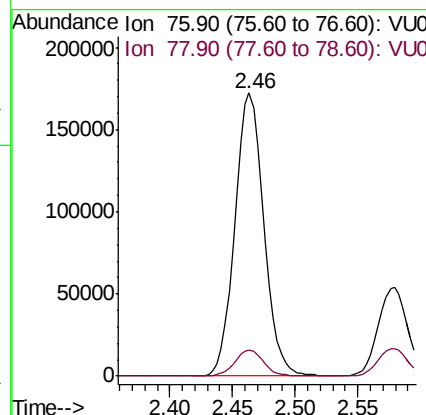
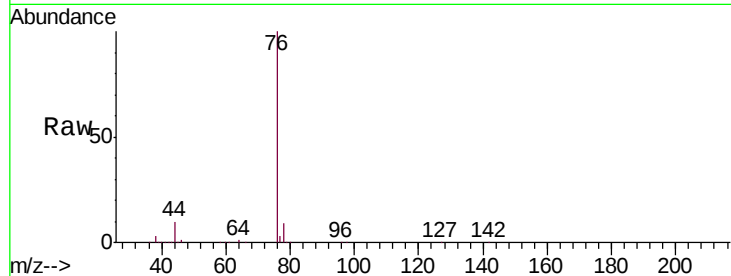
#17  
Carbon Disulfide  
Concen: 42.913 ug/l  
RT: 2.46 min Scan# 427  
Delta R.T. 0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.2   | 10.8  |

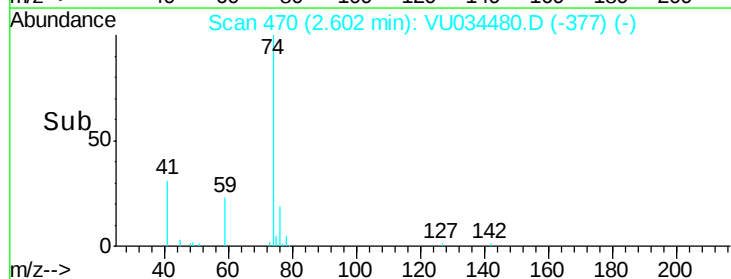
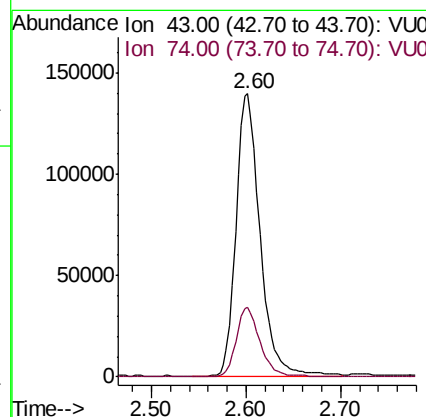
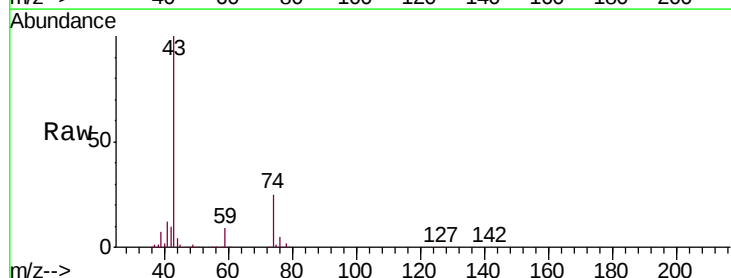
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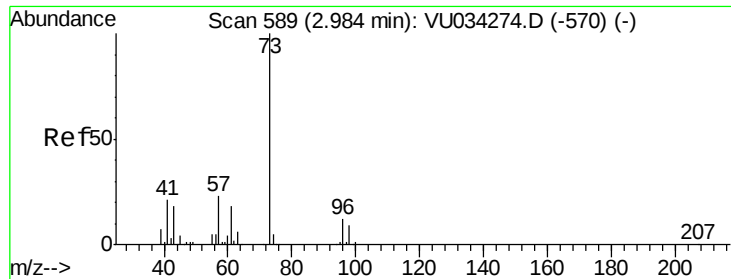
MMDadoda  
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#18  
Methyl Acetate  
Concen: 48.879 ug/l  
RT: 2.60 min Scan# 470  
Delta R.T. 0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.7  | 18.9  | 28.3  |





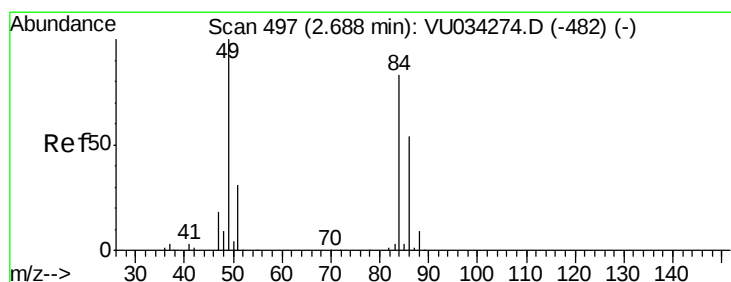
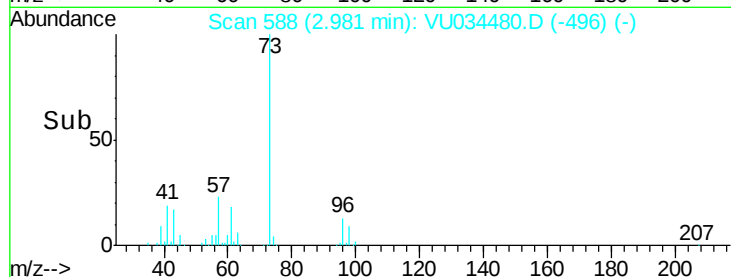
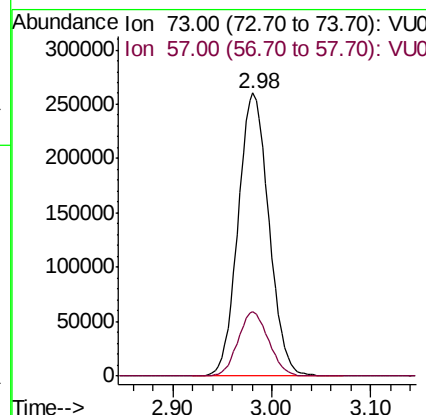
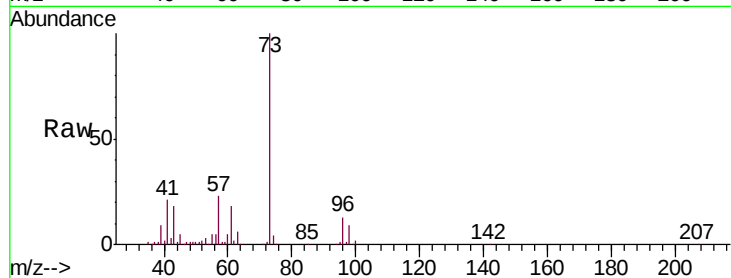
#19  
Methyl tert-butyl Ether  
Concen: 53.788 ug/l  
RT: 2.98 min Scan# 588  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 73 Resp: 561265  
Ion Ratio Lower Upper  
73 100  
57 23.0 18.2 27.4

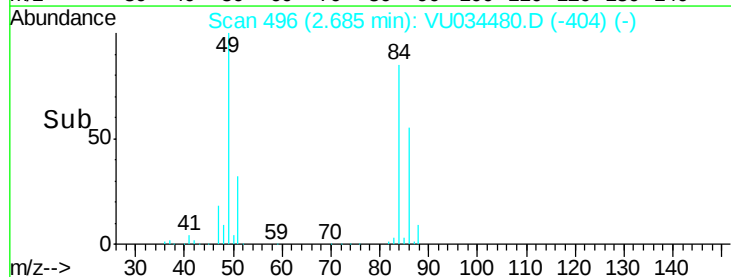
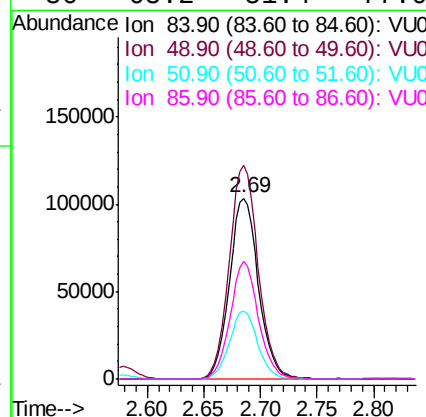
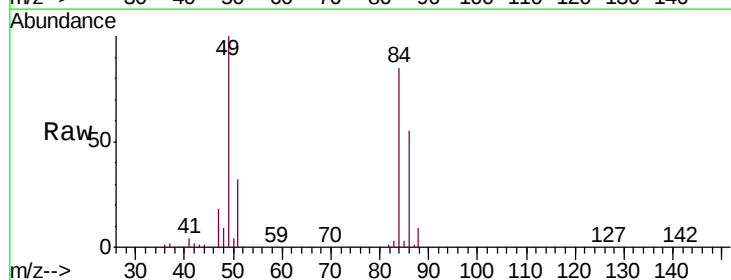
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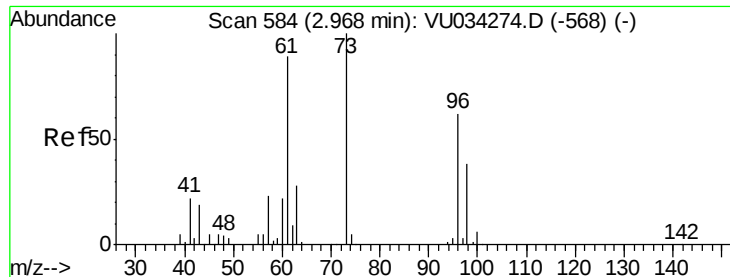
MMDadoda  
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#20  
Methylene Chloride  
Concen: 54.474 ug/l  
RT: 2.69 min Scan# 496  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Tgt Ion: 84 Resp: 183702  
Ion Ratio Lower Upper  
84 100  
49 117.9 96.0 144.0  
51 37.8 30.0 45.0  
86 65.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 49.808 ug/l

RT: 2.96 min Scan# 583

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

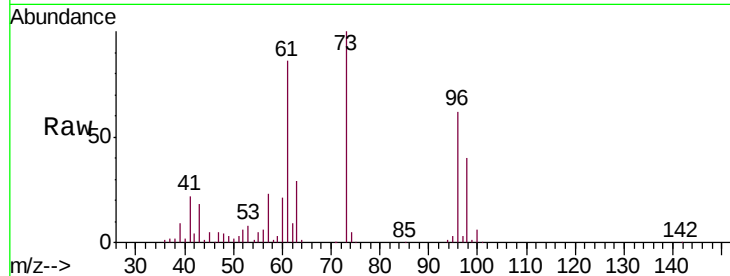
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 150261 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 139.2 | 114.8 | 172.2  |
| 98       | 64.1  | 49.8  | 74.8   |

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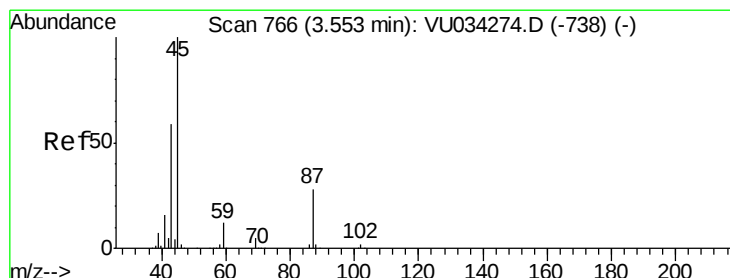
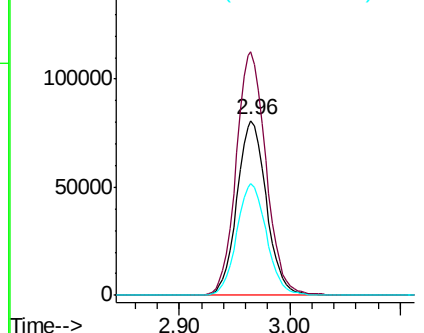
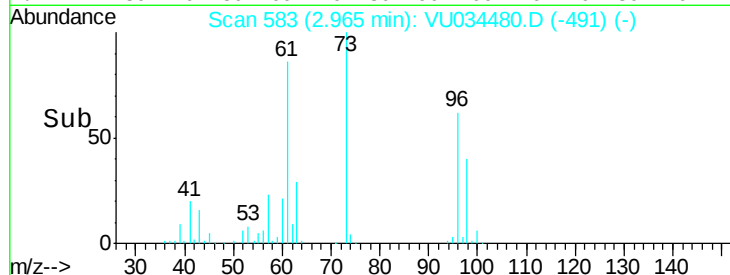


Abundance

Ion 95.90 (95.60 to 96.60): VU034480.D (-491) (-)

Ion 60.90 (60.60 to 61.60): VU034480.D (-491) (-)

Ion 97.90 (97.60 to 98.60): VU034480.D (-491) (-)



#22

Diisopropyl ether

Concen: 54.201 ug/l

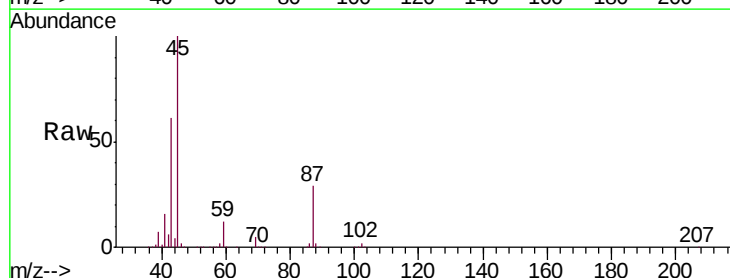
RT: 3.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 578512 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 60.6  | 47.5  | 71.3   |
| 87       | 29.2  | 22.2  | 33.4   |
| 59       | 12.1  | 9.4   | 14.2   |



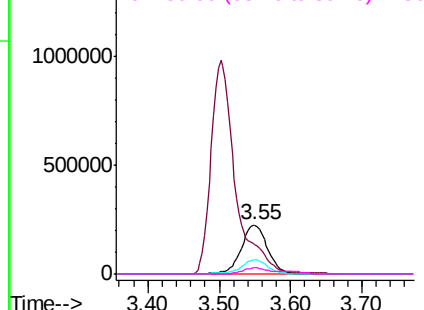
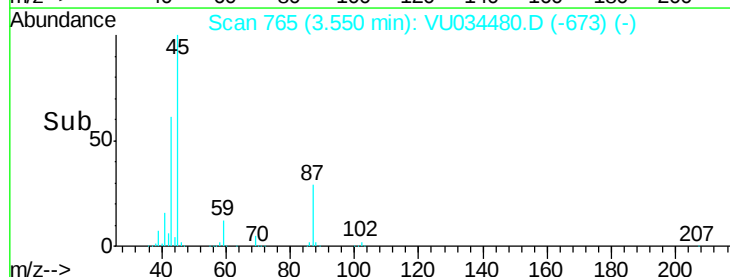
Abundance

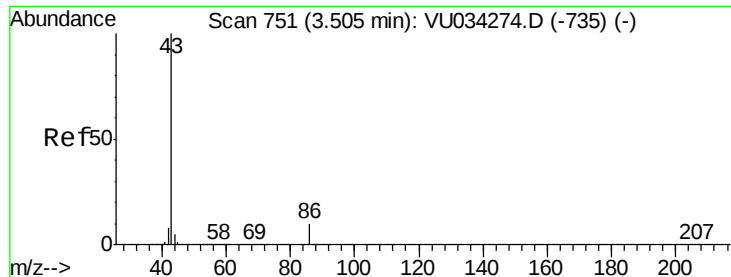
Ion 45.00 (44.70 to 45.70): VU034480.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VU034480.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VU034480.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VU034480.D (-673) (-)





#23

Vinyl Acetate

Concen: 268.696 ug/l

RT: 3.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2336080

Ion Ratio Lower Upper

43 100

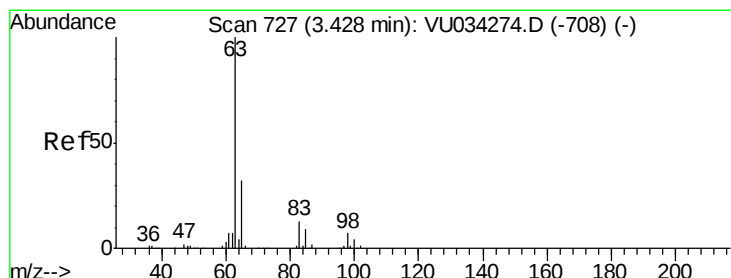
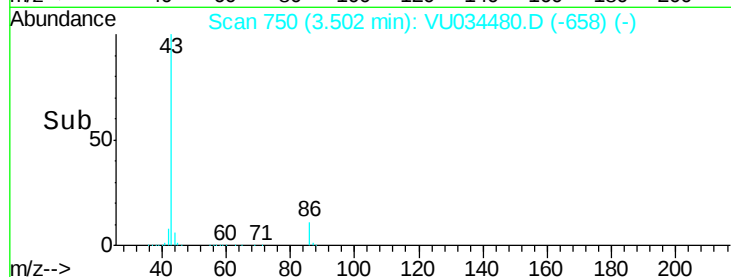
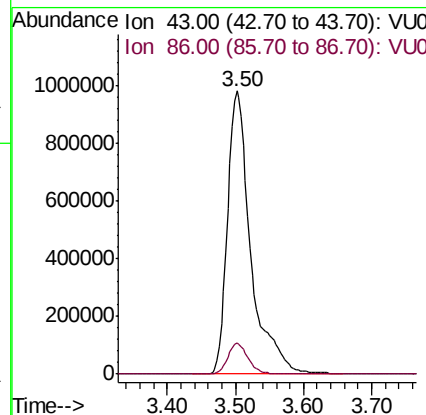
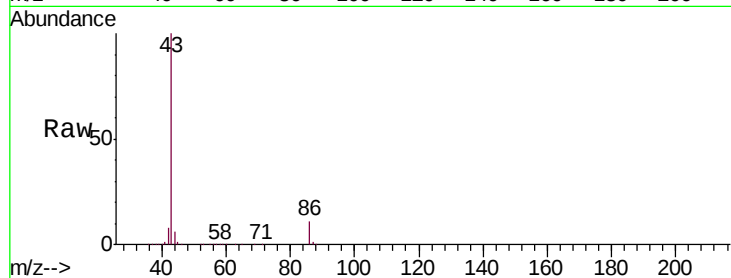
86 10.9 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 51.022 ug/l

RT: 3.42 min Scan# 726

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

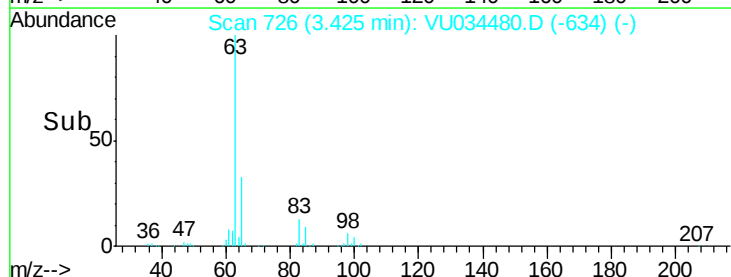
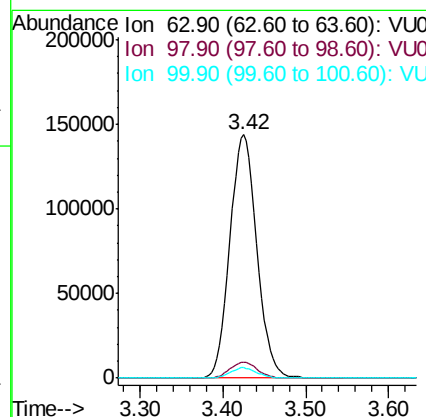
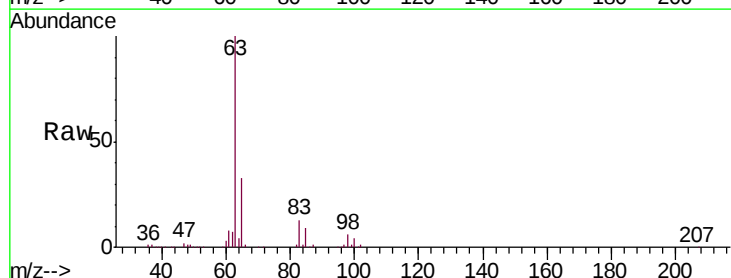
Tgt Ion: 63 Resp: 325217

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 262.795 ug/l

RT: 4.24 min Scan# 978

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 722718

Ion Ratio Lower Upper

43 100

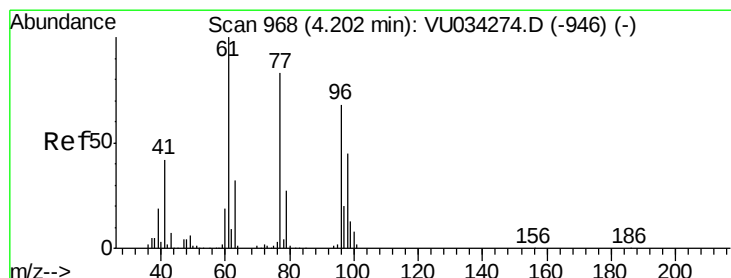
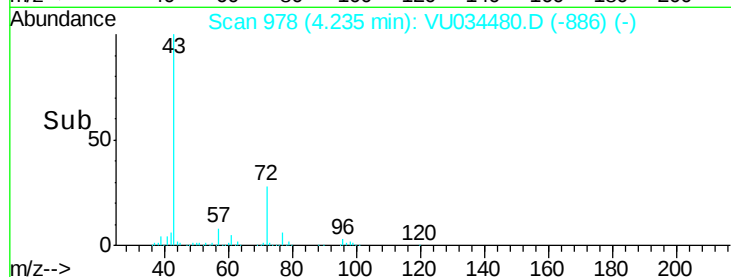
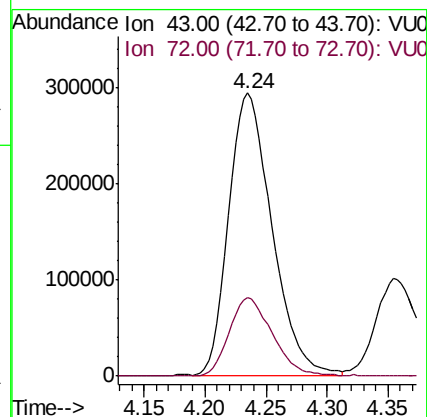
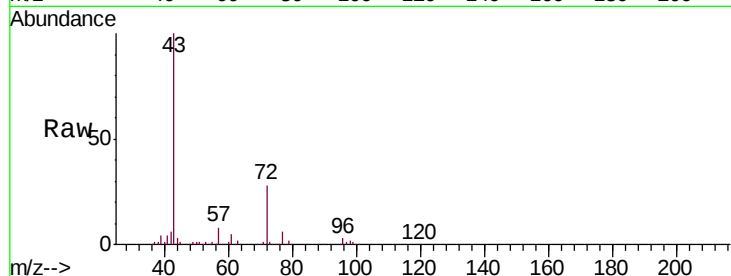
72 27.5 21.8 32.6

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#26

2,2-Dichloropropane

Concen: 52.616 ug/l

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU034480.D

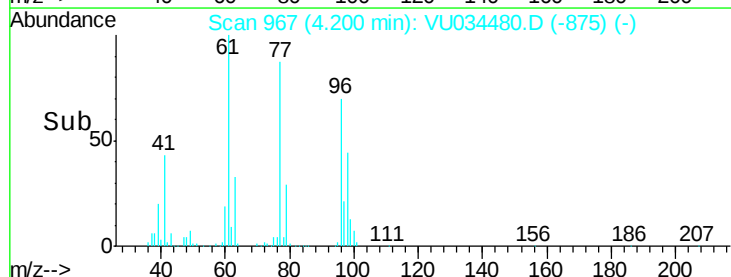
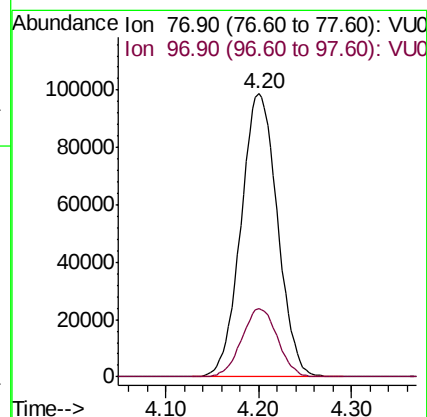
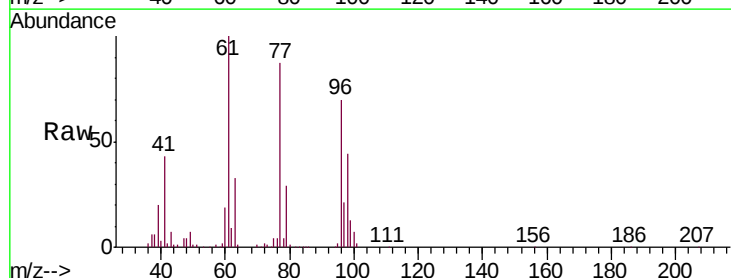
Acq: 11 Sep 2019 17:09

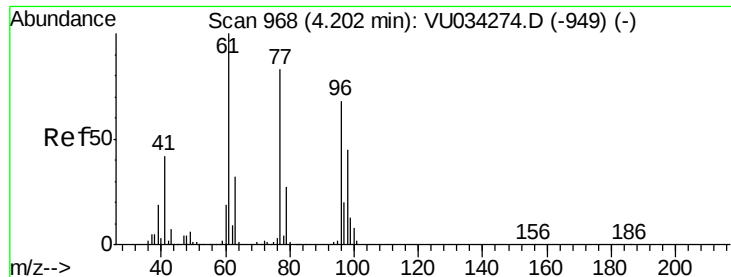
Tgt Ion: 77 Resp: 269737

Ion Ratio Lower Upper

77 100

97 23.8 11.8 35.3





#27

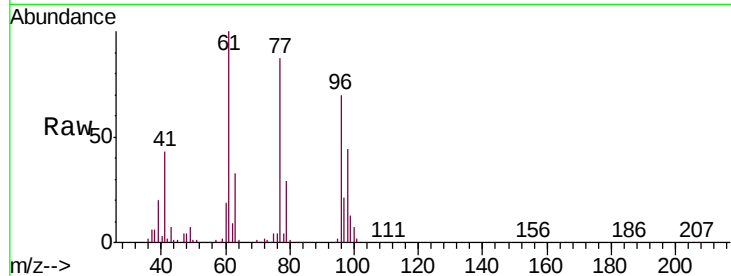
cis-1,2-Dichloroethene  
Concen: 52.752 ug/l  
RT: 4.20 min Scan# 967  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 193283 |       |       |
| 61      | 144.0 | 0.0    | 297.4 |       |
| 98      | 63.4  | 0.0    | 130.0 |       |

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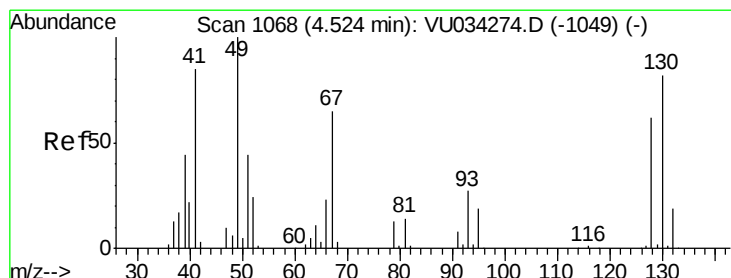
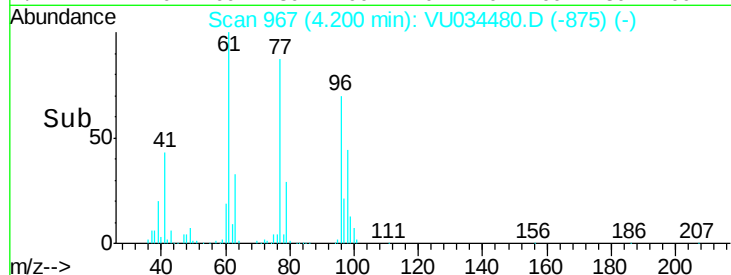
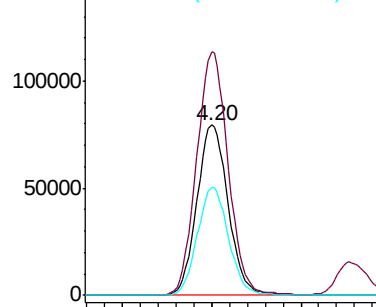


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

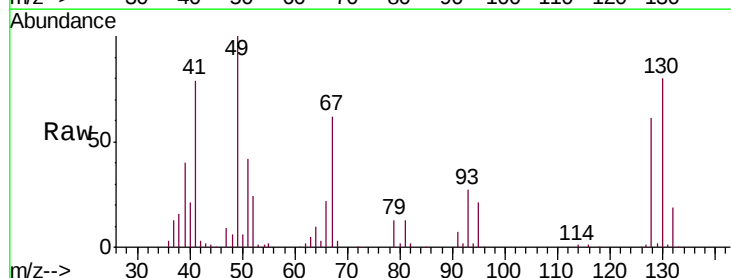
Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane  
Concen: 54.711 ug/l  
RT: 4.52 min Scan# 1067  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 160402 |       |       |
| 129     | 1.8   | 0.0    | 3.8   |       |
| 130     | 82.6  | 65.2   | 97.8  |       |

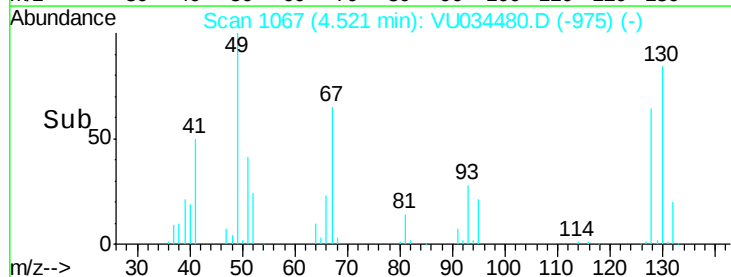
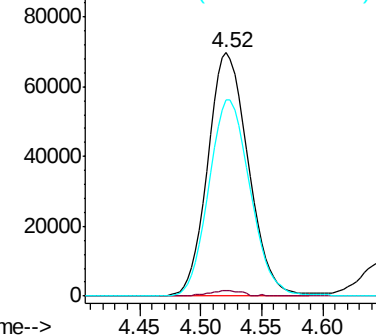


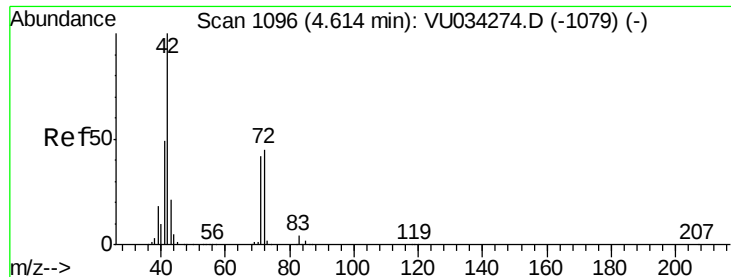
Abundance

Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





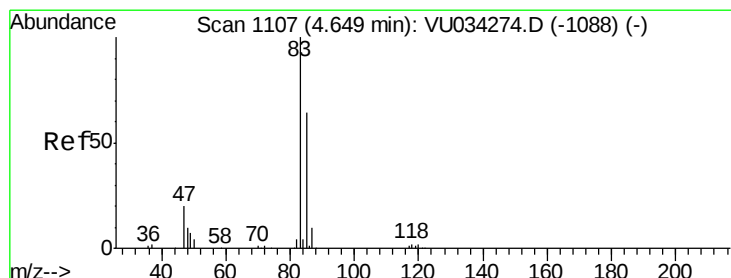
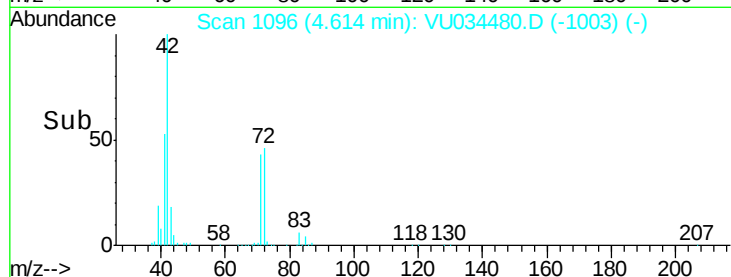
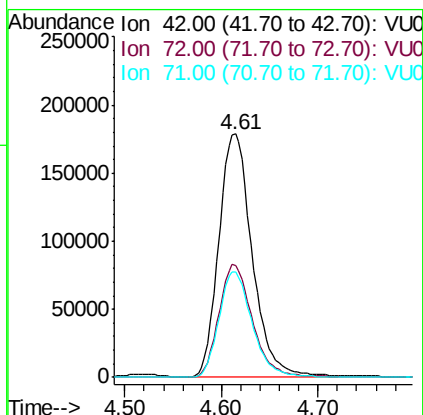
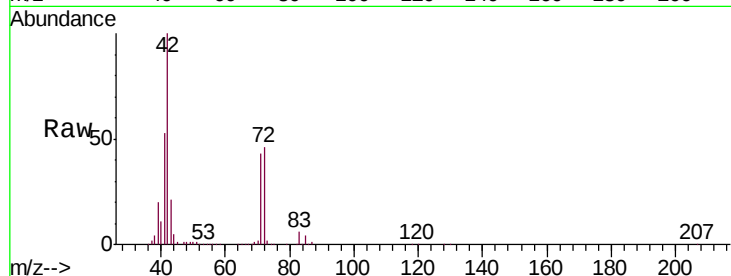
#29  
Tetrahydrofuran  
Concen: 256.150 ug/l  
RT: 4.61 min Scan# 1096  
Delta R.T. 0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.3  | 36.6  | 54.8  |
| 71      | 43.3  | 34.3  | 51.5  |

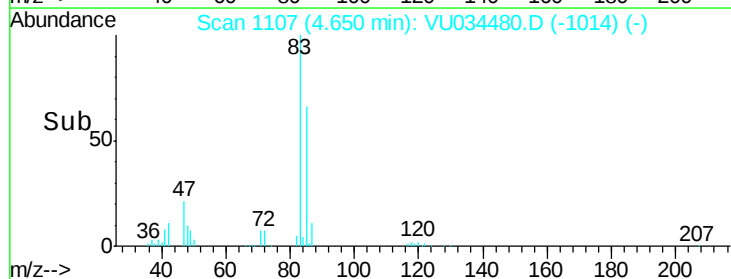
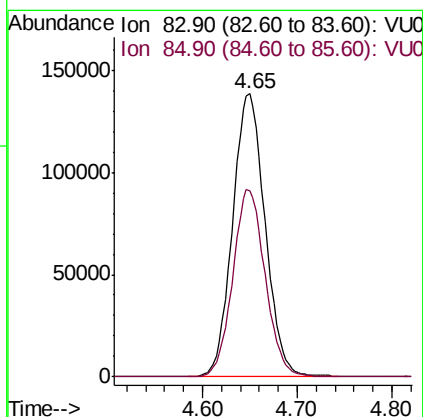
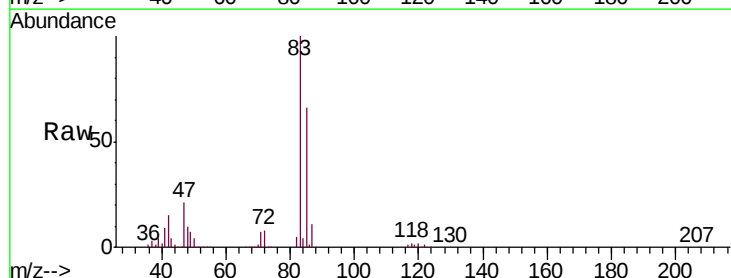
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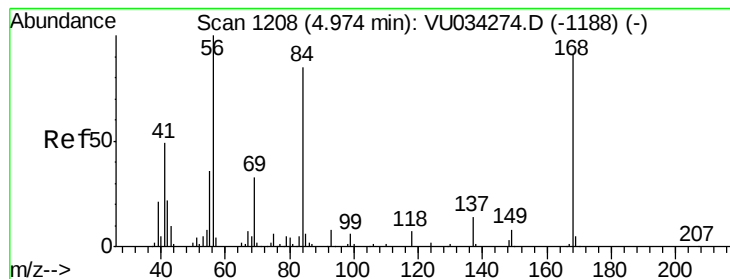
MMDadoda  
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#30  
Chloroform  
Concen: 51.027 ug/l  
RT: 4.65 min Scan# 1107  
Delta R.T. 0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.8  | 51.5  | 77.3  |





#31

Cyclohexane

Concen: 47.143 ug/l

RT: 4.97 min Scan# 1207

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 219834  
Ion Ratio Lower Upper

56 100

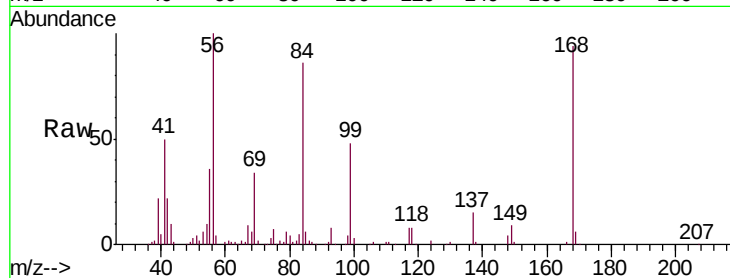
69 33.7 26.7 40.1

84 85.0 68.2 102.4

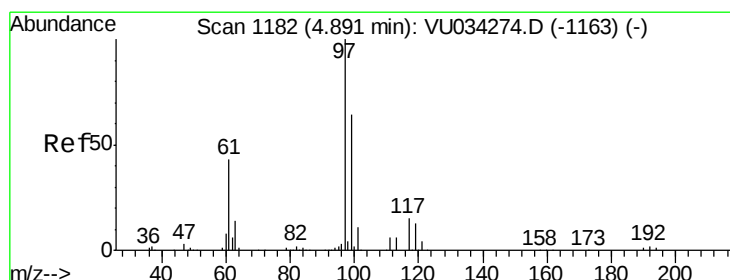
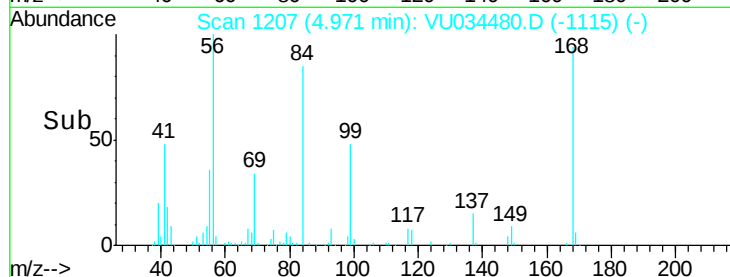
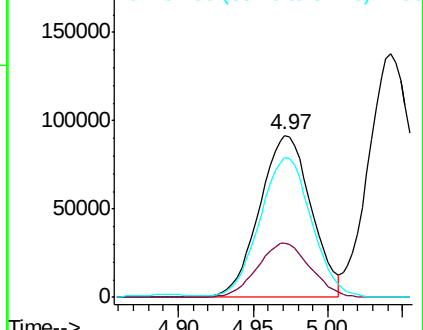
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Abundance Ion 56.00 (55.70 to 56.70): VU0  
Ion 69.00 (68.70 to 69.70): VU0  
Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 52.158 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU034480.D

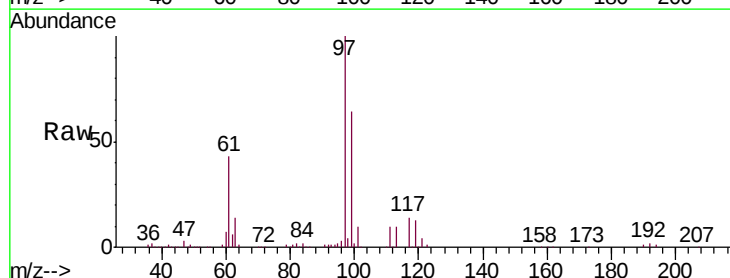
Acq: 11 Sep 2019 17:09

Tgt Ion: 97 Resp: 270185  
Ion Ratio Lower Upper

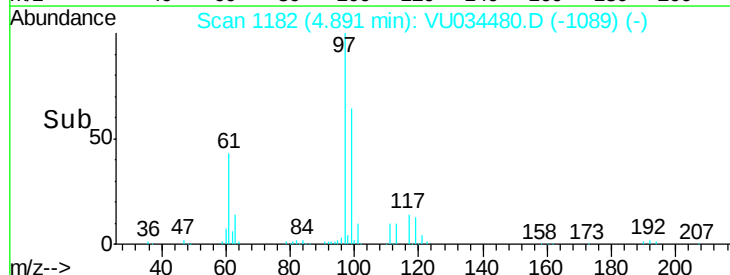
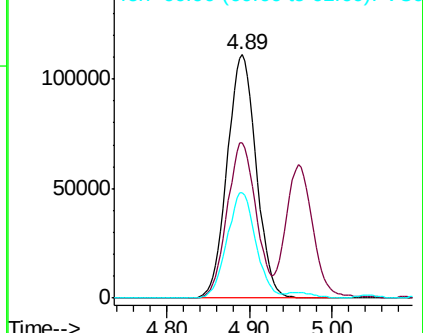
97 100

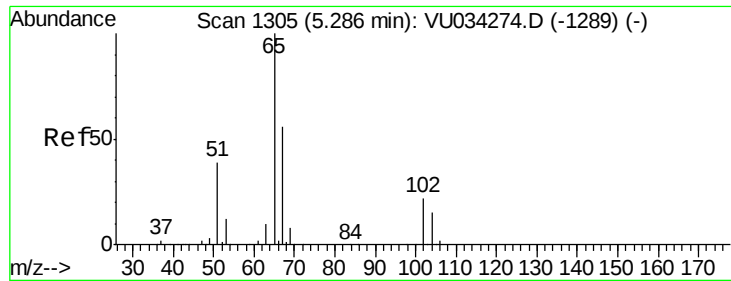
99 63.8 50.9 76.3

61 43.2 34.7 52.1



Abundance Ion 96.90 (96.60 to 97.60): VU0  
Ion 98.90 (98.60 to 99.60): VU0  
Ion 60.90 (60.60 to 61.60): VU0





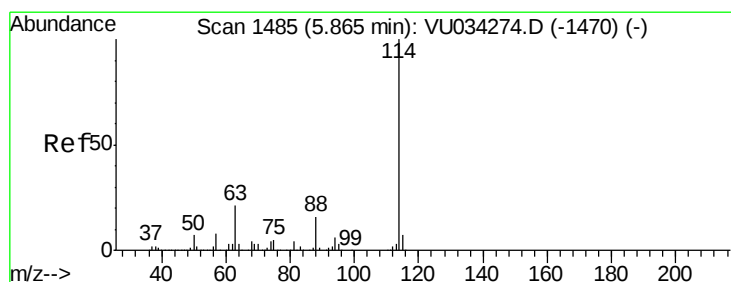
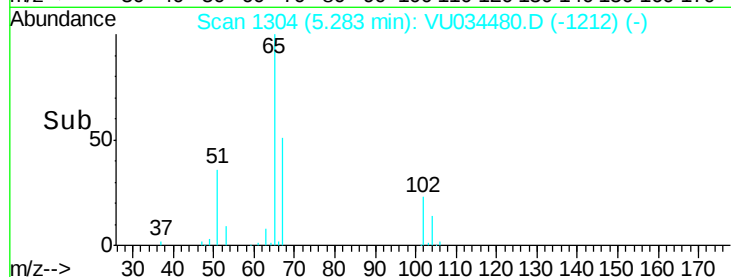
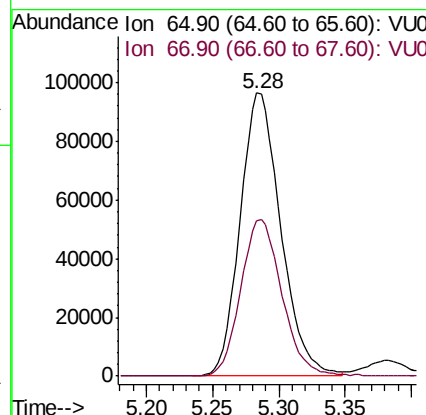
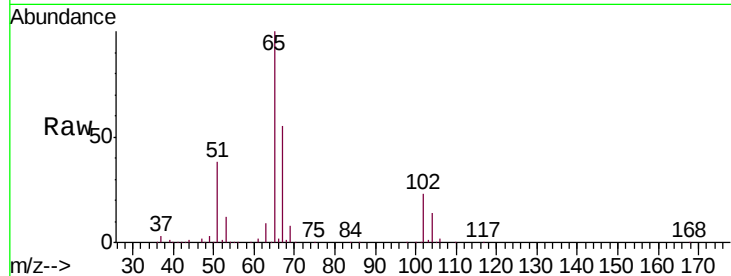
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.722 ug/l  
 RT: 5.28 min Scan# 1304  
 Delta R.T. -0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 205912 |       |       |
| 67      | 55.8  | 0.0    | 112.4 |       |

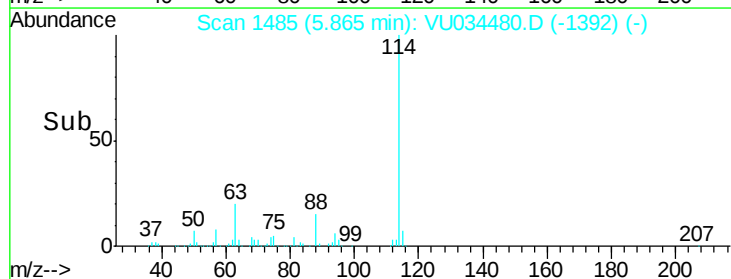
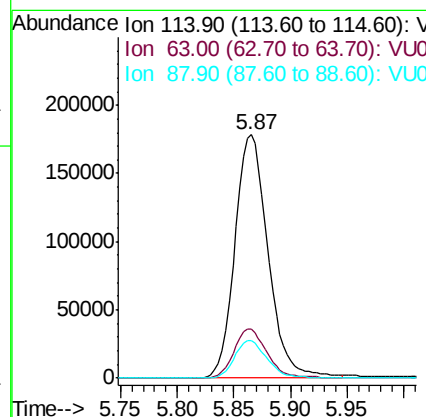
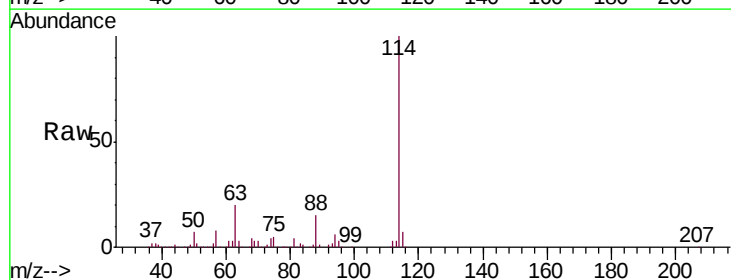
Manual Integrations  
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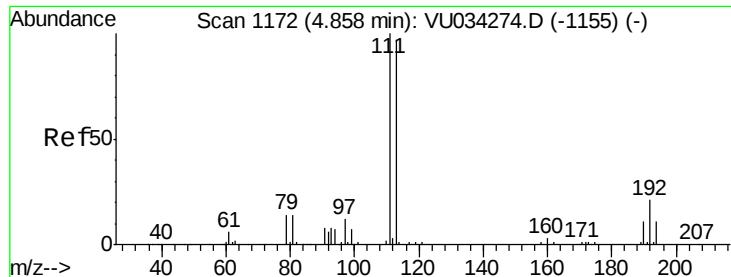
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.87 min Scan# 1485  
 Delta R.T. 0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 365215 |       |       |
| 63      | 20.0  | 0.0    | 42.4  |       |
| 88      | 15.5  | 0.0    | 32.4  |       |





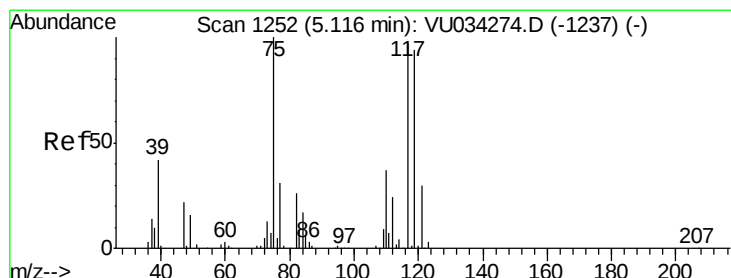
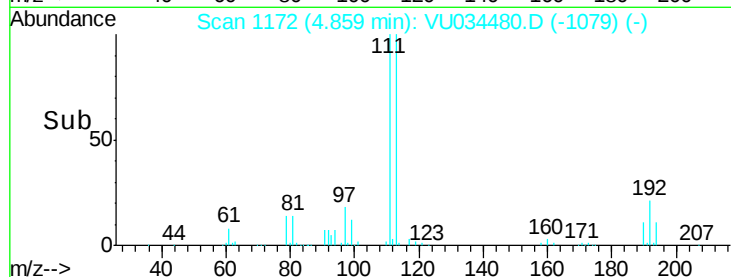
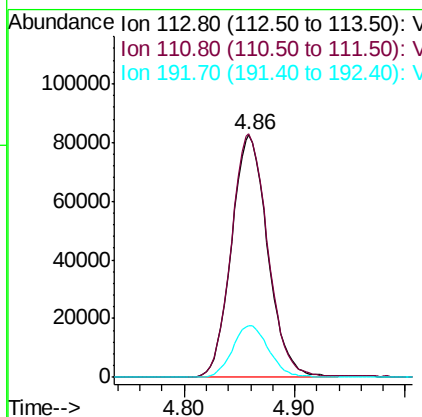
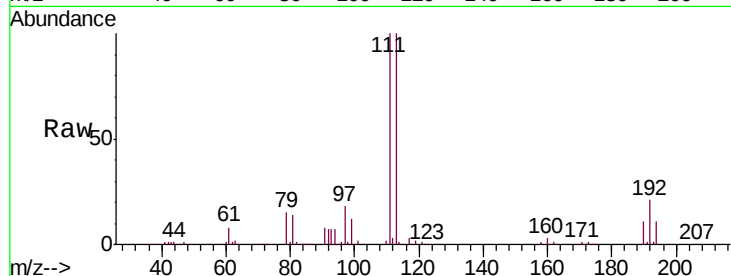
#35  
 Dibromofluoromethane  
 Concen: 55.187 ug/l  
 RT: 4.86 min Scan# 1172  
 Delta R.T. 0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 187544 |       |       |
| 111     | 101.6 | 81.5   | 122.3 |       |
| 192     | 21.4  | 17.8   | 26.8  |       |

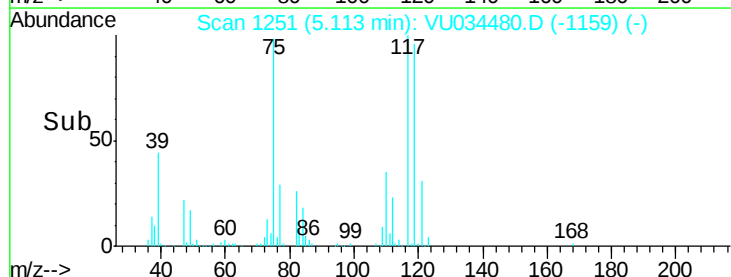
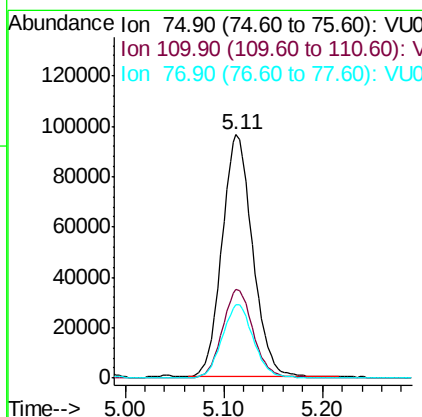
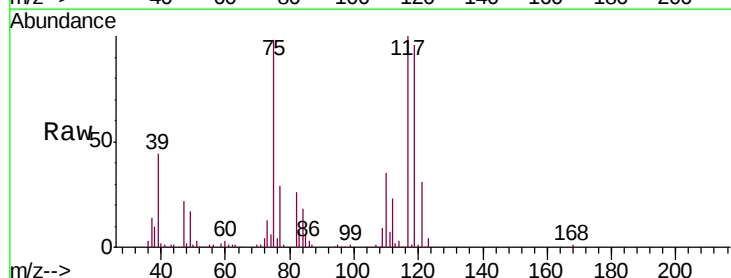
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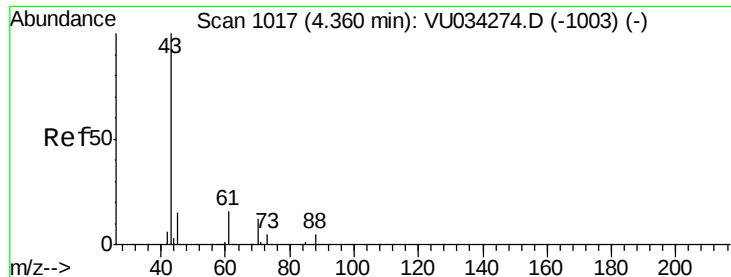
MMDadoda  
 9/13/2019 6:57:23 AM



#36  
 1,1-Dichloropropene  
 Concen: 52.762 ug/l  
 RT: 5.11 min Scan# 1251  
 Delta R.T. -0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 208978 |       |       |
| 110     | 36.6  | 18.3   | 54.9  |       |
| 77      | 30.1  | 24.9   | 37.3  |       |





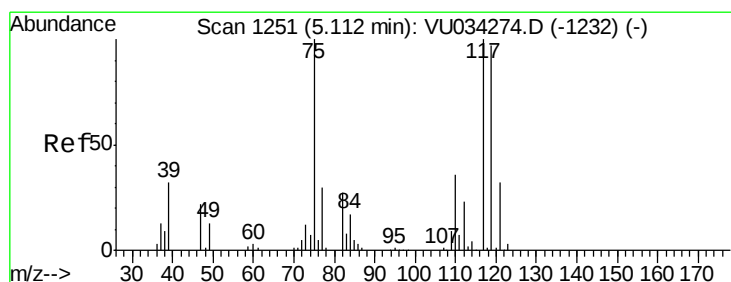
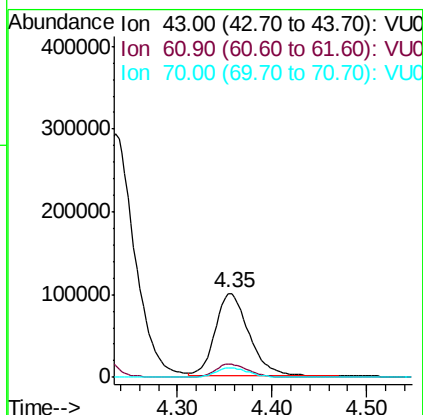
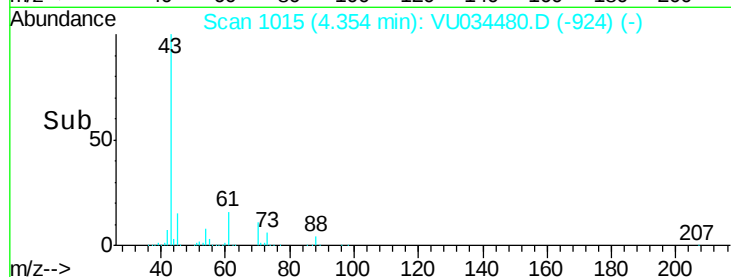
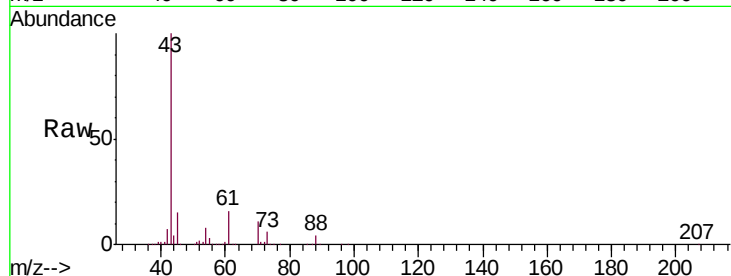
#37  
Ethyl Acetate  
Concen: 53.265 ug/l  
RT: 4.35 min Scan# 1015  
Delta R.T. -0.01 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.0  | 12.3  | 18.5  |
| 70      | 11.3  | 9.1   | 13.7  |

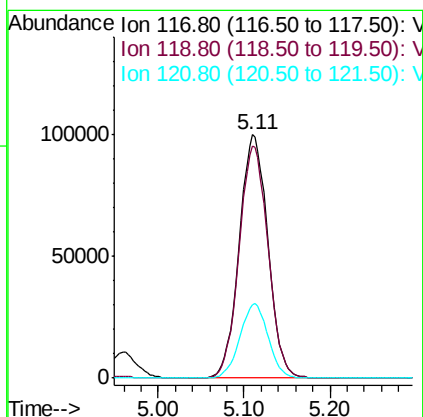
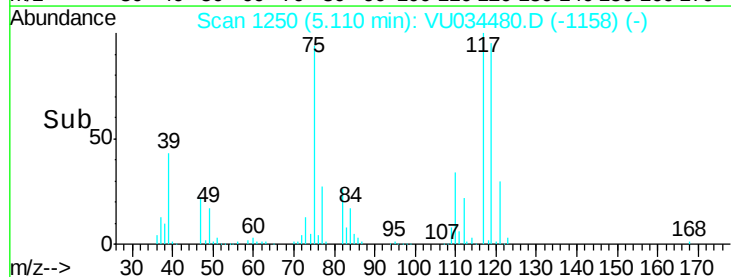
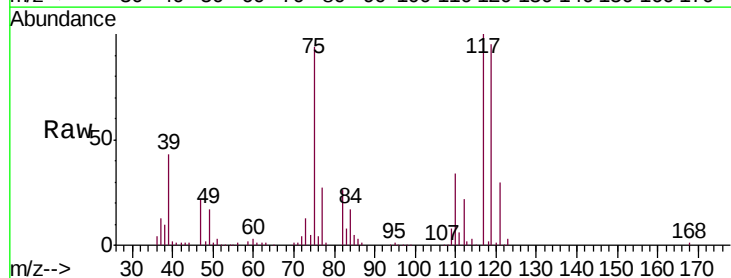
Manual Integrations  
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#38  
Carbon Tetrachloride  
Concen: 54.689 ug/l  
RT: 5.11 min Scan# 1250  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.1  | 77.8  | 116.6 |
| 121     | 30.2  | 25.2  | 37.8  |





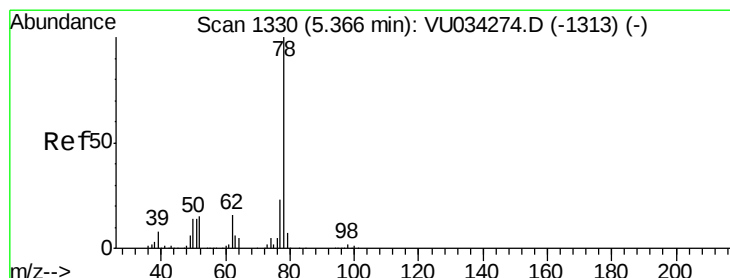
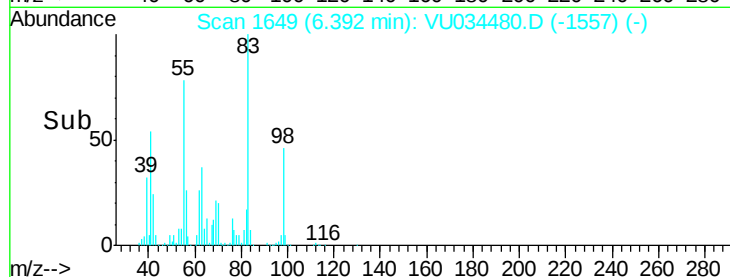
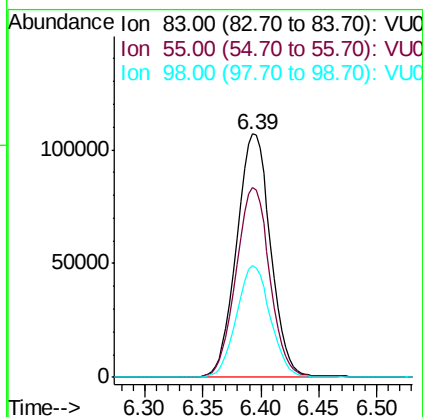
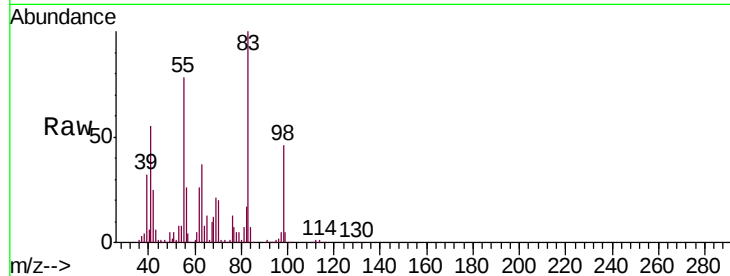
#39  
Methylcyclohexane  
Concen: 51.576 ug/l  
RT: 6.39 min Scan# 1649  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 218379 |       |       |
| 55      | 78.1  | 62.1   | 93.1  |       |
| 98      | 45.8  | 37.0   | 55.6  |       |

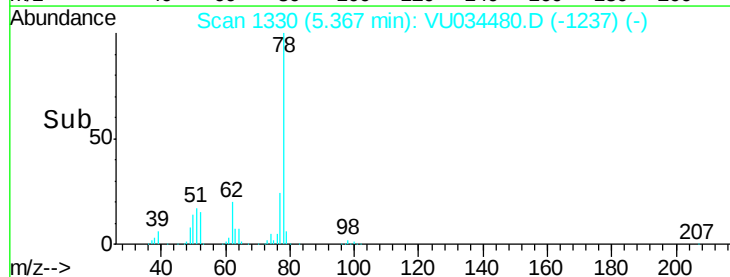
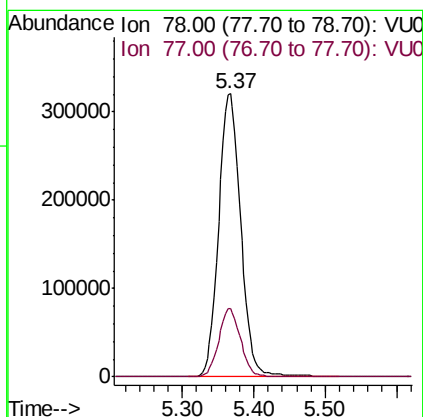
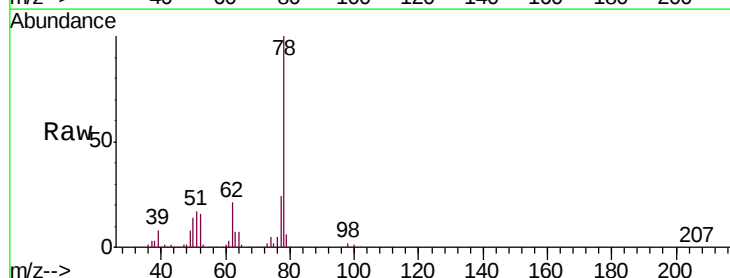
Manual Integrations  
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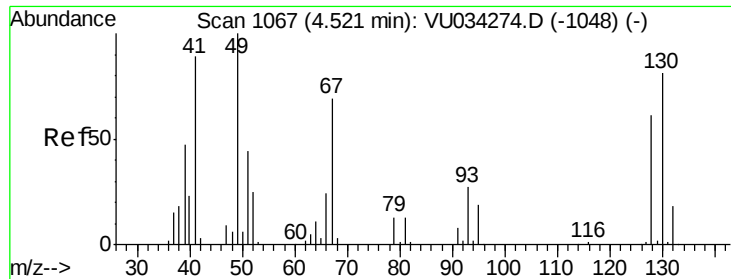
MMDadoda  
9/13/2019 6:57:23 AM



#40  
Benzene  
Concen: 53.997 ug/l  
RT: 5.37 min Scan# 1330  
Delta R.T. 0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 690111 |       |       |
| 77      | 24.0  | 18.7   | 28.1  |       |





#41

Methacrylonitrile

Concen: 56.455 ug/l

RT: 4.51 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

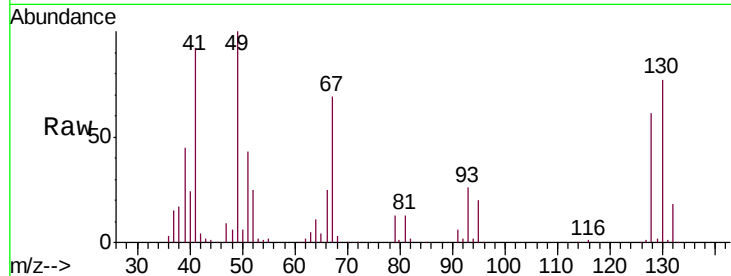
ClientSampleId :

VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 50.9  | 41.0  | 61.4  |
| 67      | 79.4  | 62.4  | 93.6  |
| 52      | 28.3  | 23.6  | 35.4  |

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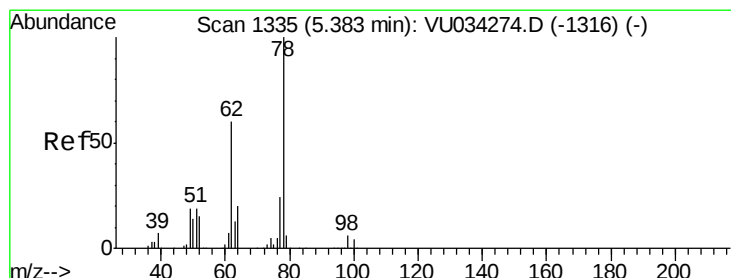
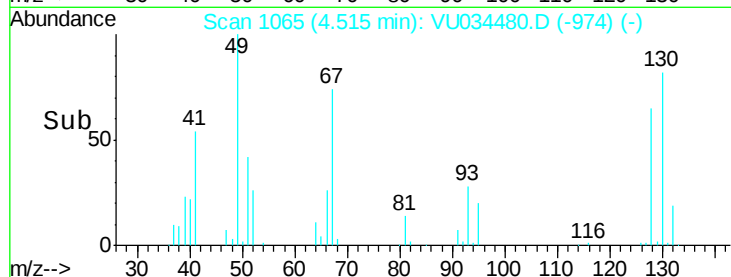
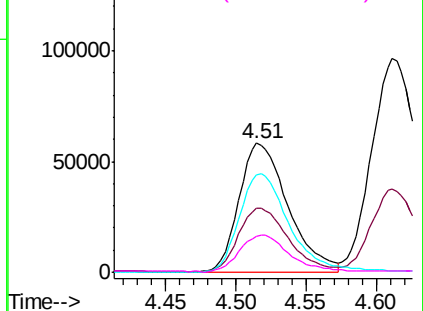


Abundance Ion 41.00 (40.70 to 41.70): VU034480.D (-1048) (-)

Ion 39.00 (38.70 to 39.70): VU034480.D (-1048) (-)

Ion 67.00 (66.70 to 67.70): VU034480.D (-1048) (-)

Ion 52.00 (51.70 to 52.70): VU034480.D (-1048) (-)



#42

1,2-Dichloroethane

Concen: 54.323 ug/l

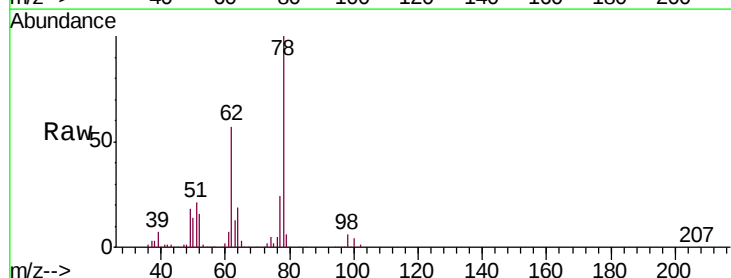
RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU034480.D

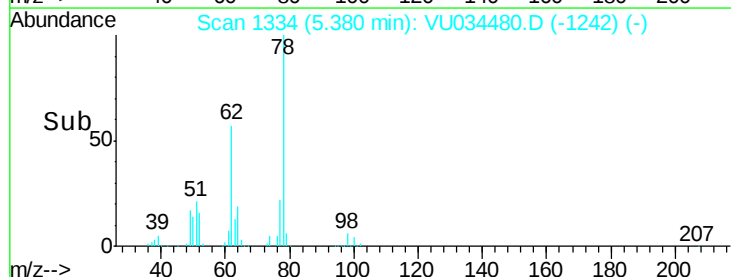
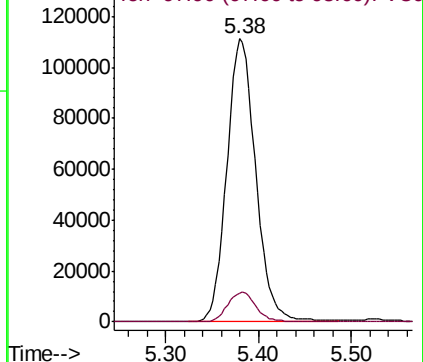
Acq: 11 Sep 2019 17:09

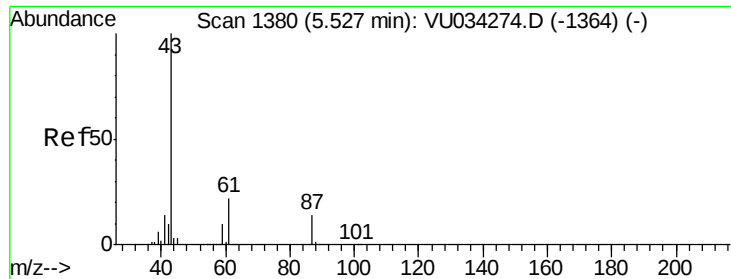
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.3  | 0.0   | 20.0  |



Abundance Ion 61.90 (61.60 to 62.60): VU034480.D (-1242) (-)

Ion 97.90 (97.60 to 98.60): VU034480.D (-1242) (-)





#43

Isopropyl Acetate

Concen: 54.159 ug/l

RT: 5.52 min Scan# 1379

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

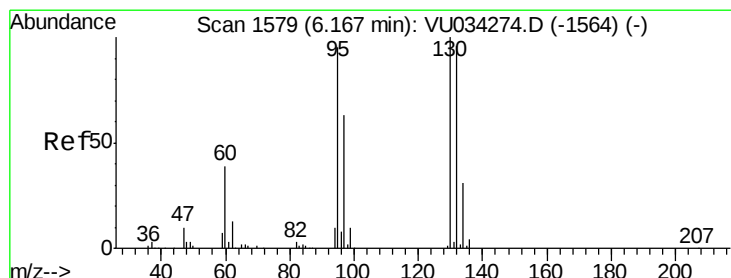
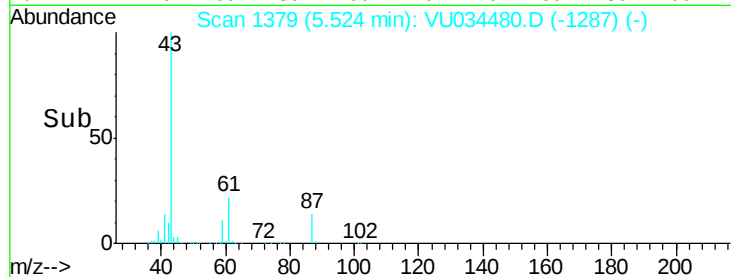
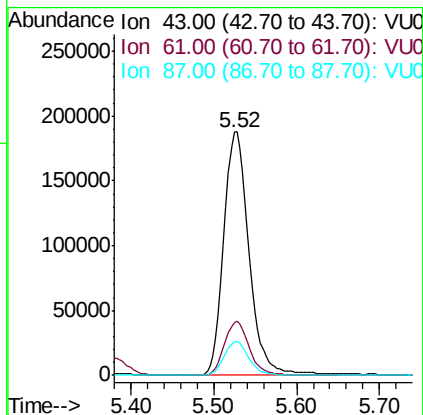
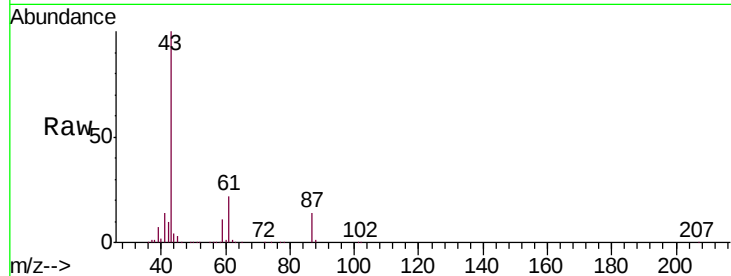
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 395649 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 21.6  | 17.1  | 25.7   |
| 87       | 13.8  | 11.1  | 16.7   |

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#44

Trichloroethene

Concen: 52.833 ug/l

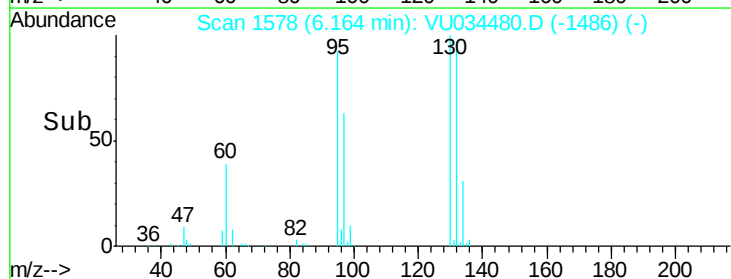
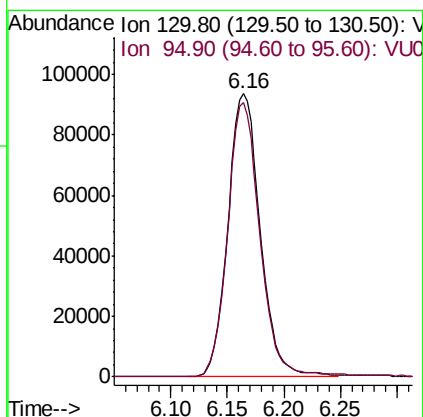
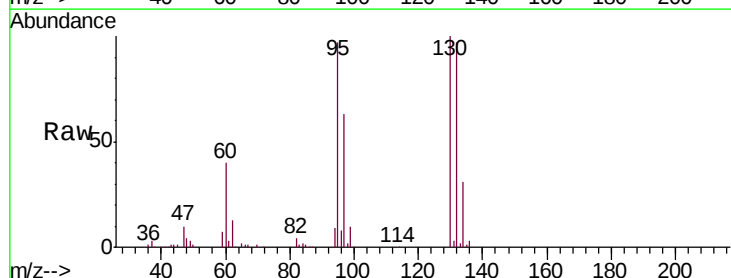
RT: 6.16 min Scan# 1578

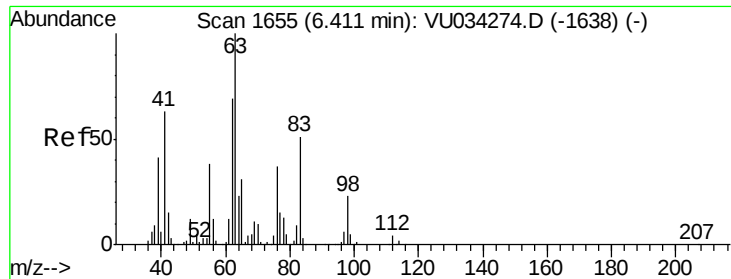
Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 186849 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 96.8  | 0.0   | 189.2  |





#45

1,2-Dichloropropane

Concen: 55.155 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 206076

Ion Ratio Lower Upper

63 100

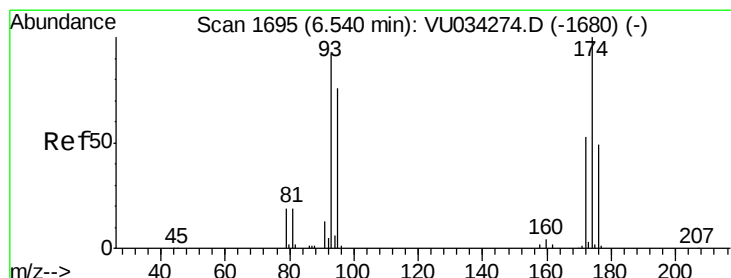
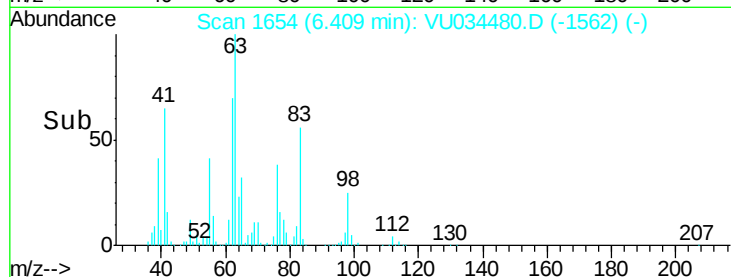
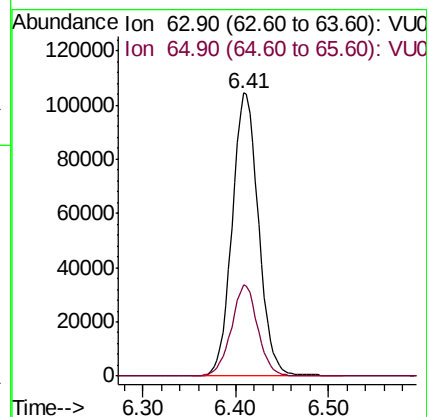
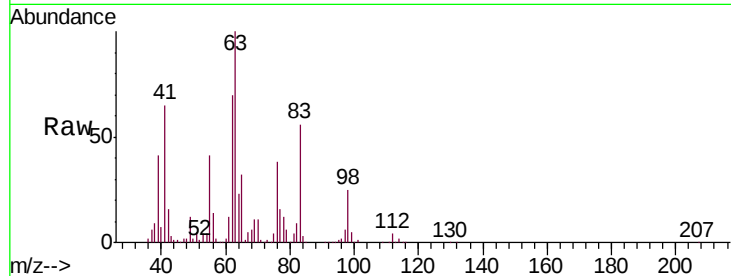
65 32.1 24.6 37.0

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#46

Dibromomethane

Concen: 54.319 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

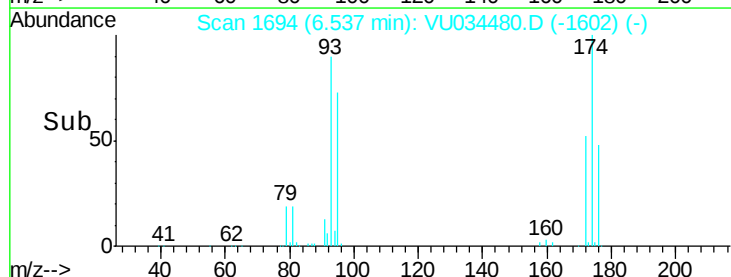
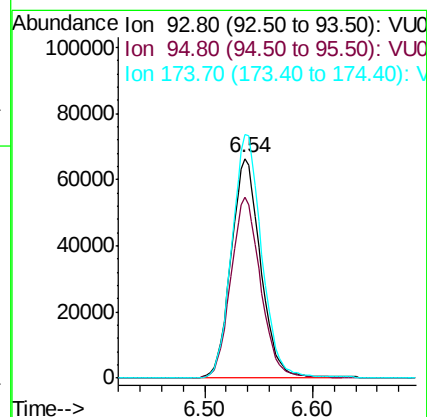
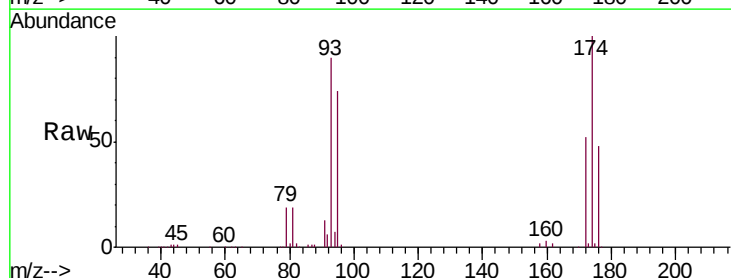
Tgt Ion: 93 Resp: 127392

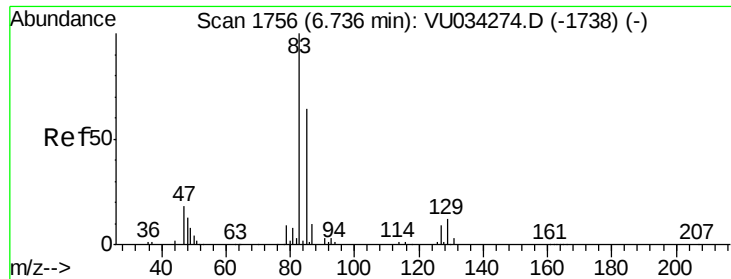
Ion Ratio Lower Upper

93 100

95 82.6 66.5 99.7

174 111.4 87.8 131.6





#47

Bromodichloromethane

Concen: 55.252 ug/l

RT: 6.73 min Scan# 1755

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

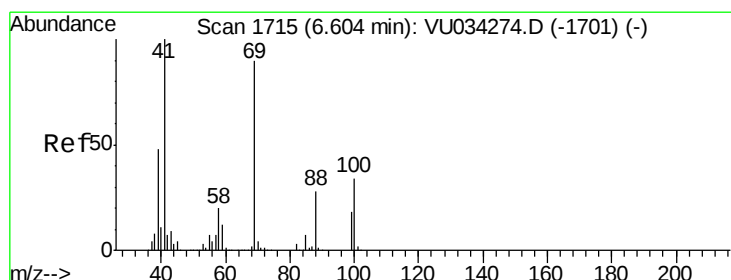
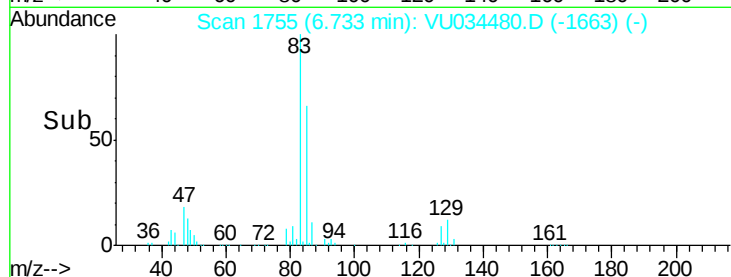
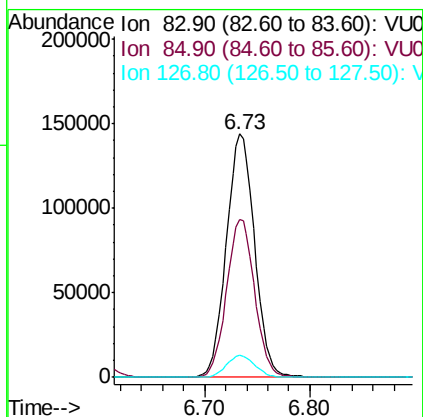
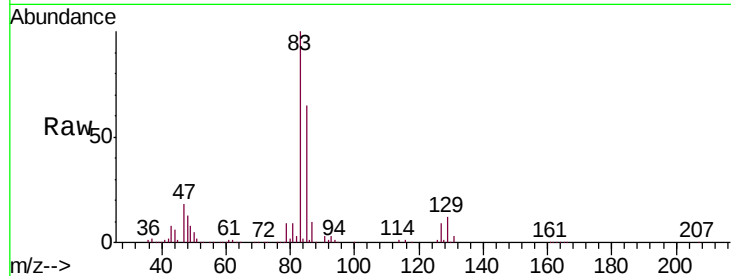
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 266732 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.8  | 51.1  | 76.7   |
| 127      | 9.0   | 7.2   | 10.8   |

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#48

Methyl methacrylate

Concen: 53.897 ug/l

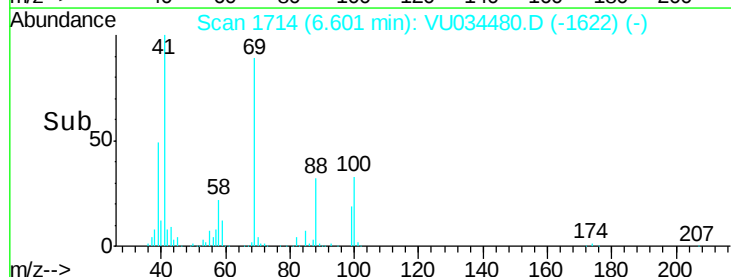
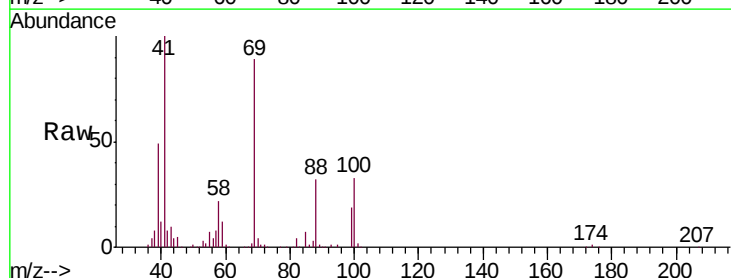
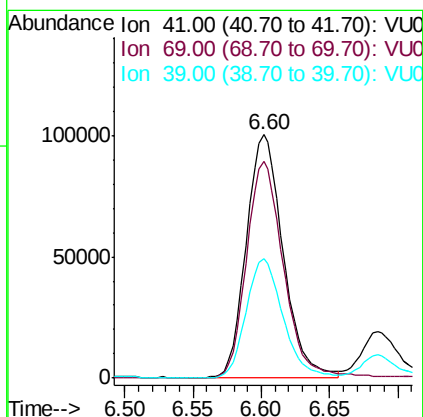
RT: 6.60 min Scan# 1714

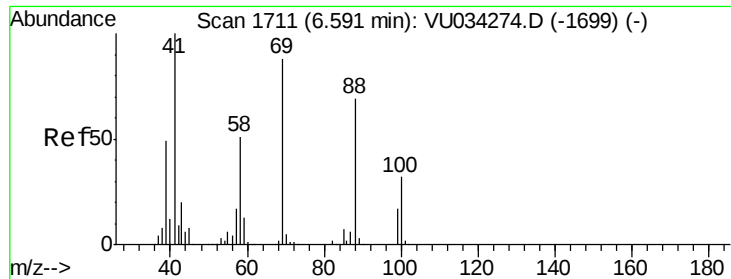
Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 187009 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 91.1  | 72.8  | 109.2  |
| 39       | 48.9  | 38.6  | 58.0   |





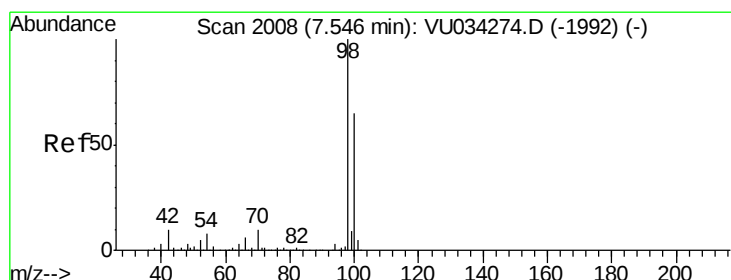
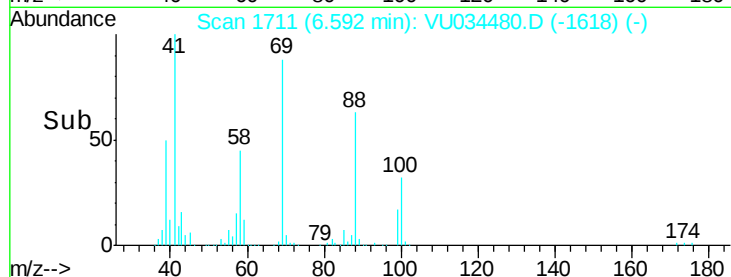
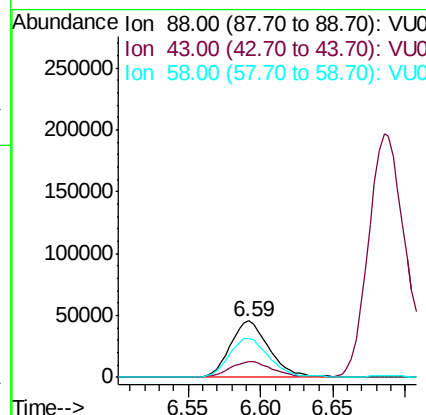
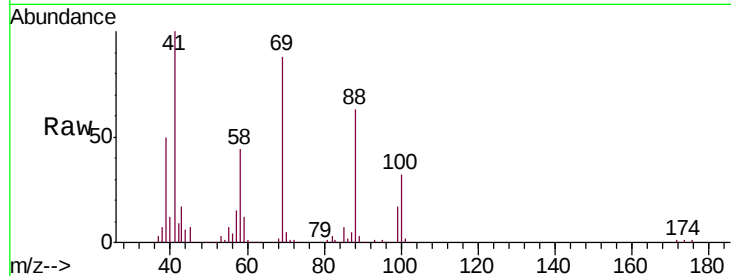
#49  
1,4-Dioxane  
Concen: 1109.975 ug/l  
RT: 6.59 min Scan# 1711  
Delta R.T. 0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 28.6  | 23.8  | 35.6  |
| 58      | 72.7  | 58.4  | 87.6  |

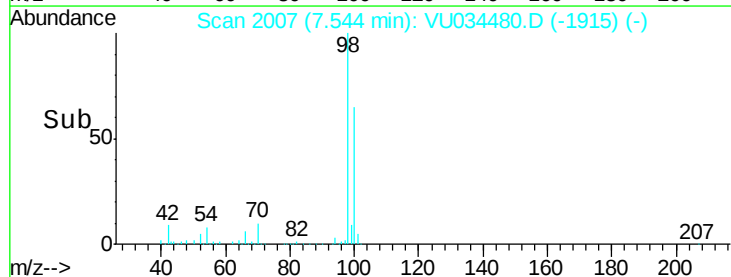
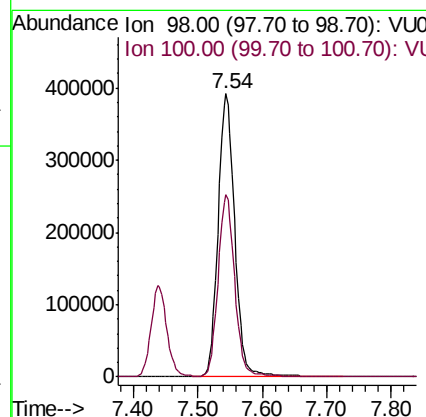
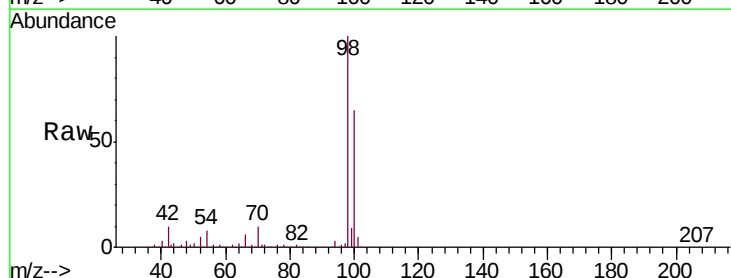
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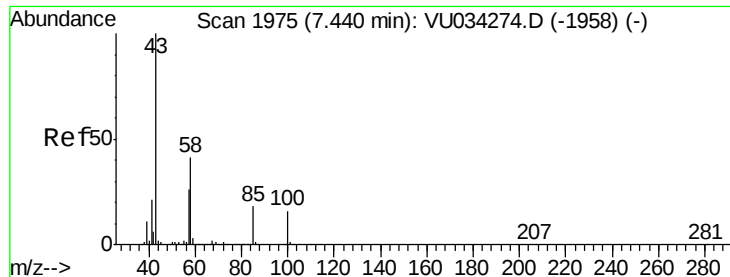
MMDadoda  
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#50  
Toluene-d8  
Concen: 55.086 ug/l  
RT: 7.54 min Scan# 2007  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.5  | 51.7  | 77.5  |





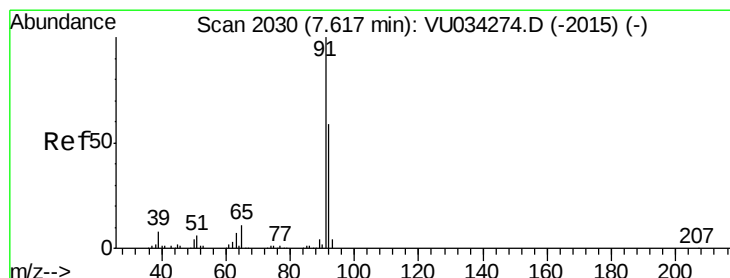
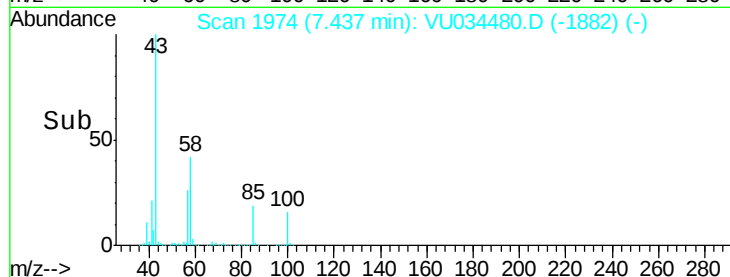
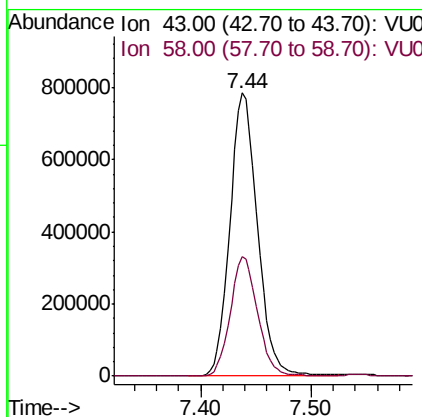
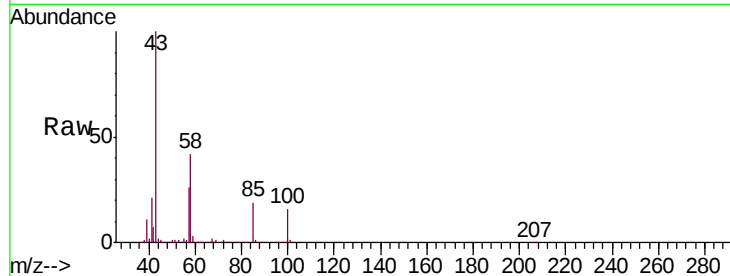
#51  
4-Methyl-2-Pentanone  
Concen: 269.329 ug/l  
RT: 7.44 min Scan# 1974  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 1361928  
Ion Ratio Lower Upper  
43 100  
58 41.8 33.0 49.4

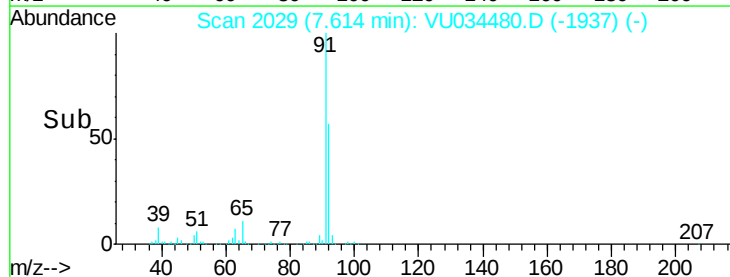
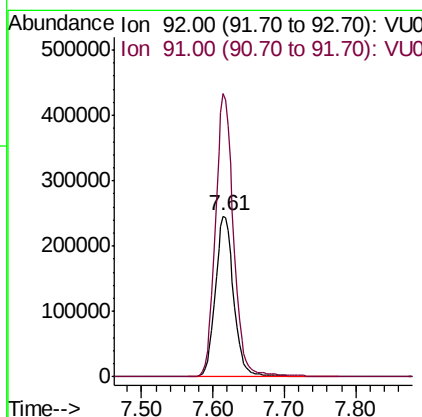
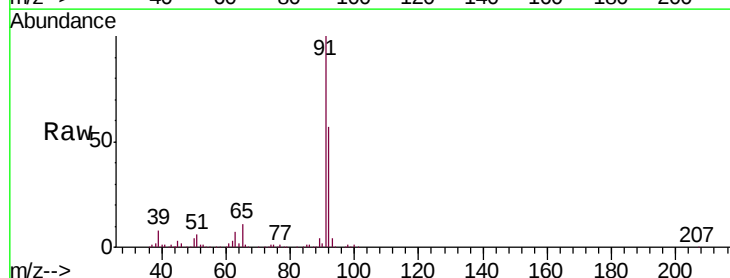
Manual Integrations  
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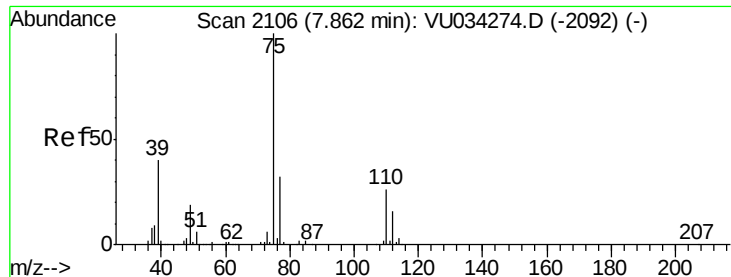
MMDadoda  
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#52  
Toluene  
Concen: 54.822 ug/l  
RT: 7.61 min Scan# 2029  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Tgt Ion: 92 Resp: 439524  
Ion Ratio Lower Upper  
92 100  
91 174.3 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 55.073 ug/l

RT: 7.86 min Scan# 2105

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 275607

Ion Ratio Lower Upper

75 100

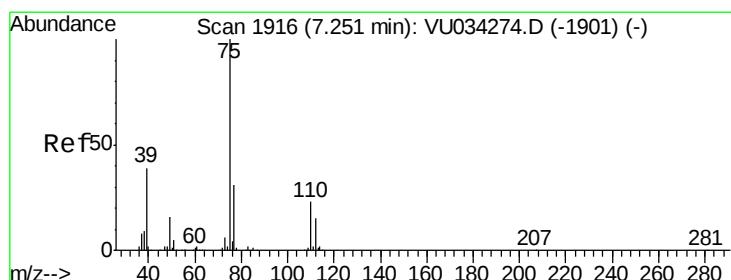
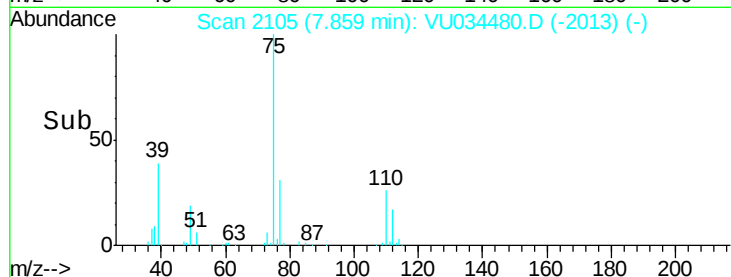
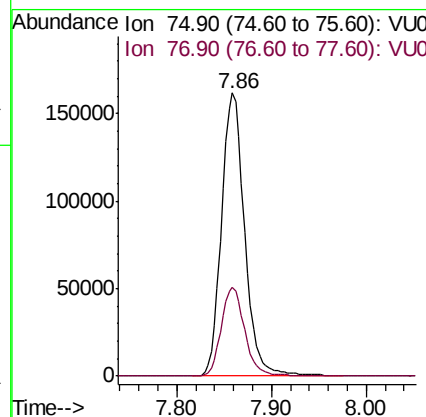
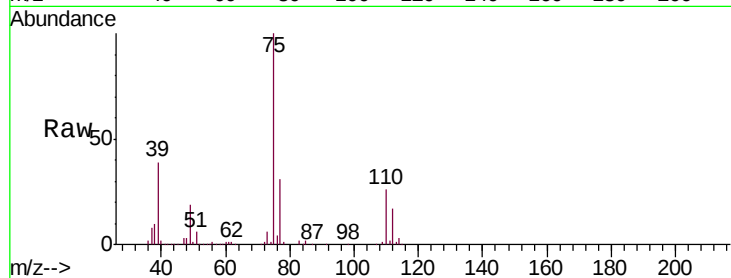
77 31.3 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 56.977 ug/l

RT: 7.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

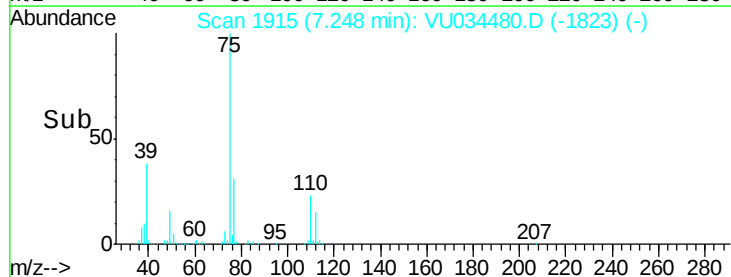
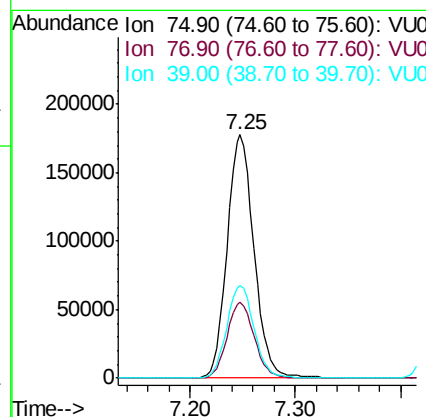
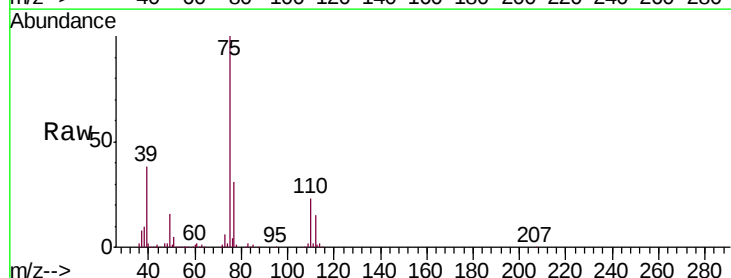
Tgt Ion: 75 Resp: 312941

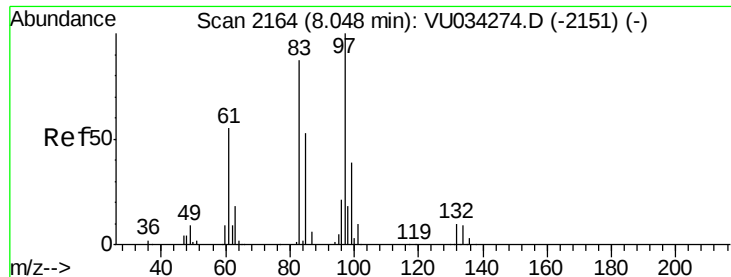
Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

39 38.1 31.2 46.8





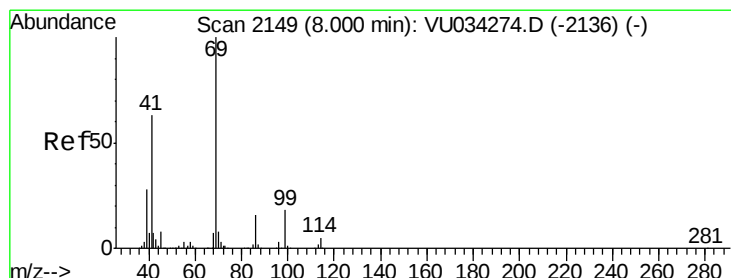
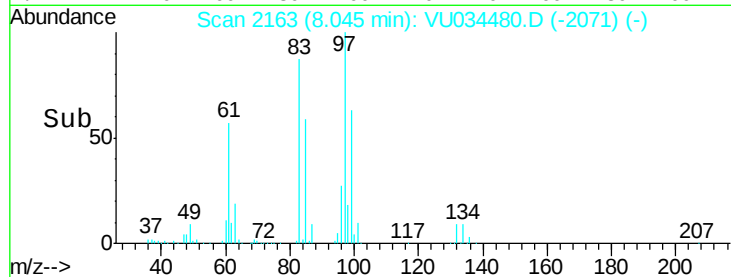
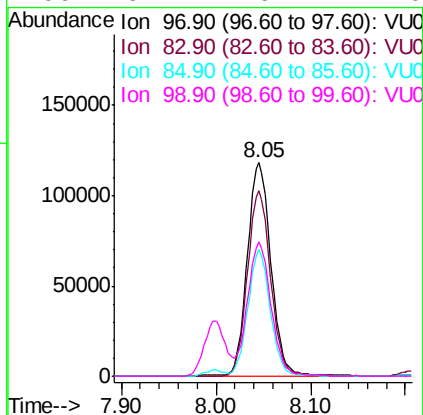
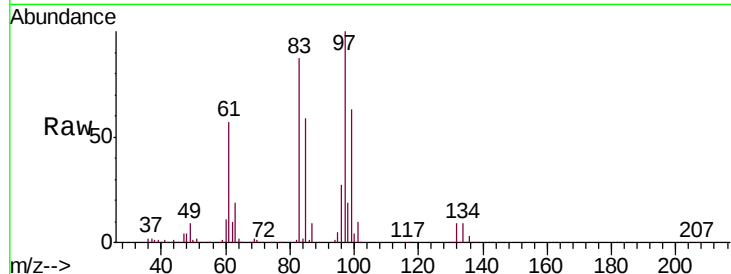
#55  
 1,1,2-Trichloroethane  
 Concen: 56.571 ug/l  
 RT: 8.05 min Scan# 2163  
 Delta R.T. -0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 97      | 100   | 205942 |       |       |
| 83      | 87.1  | 69.0   | 103.6 |       |
| 85      | 59.2  | 44.2   | 66.2  |       |
| 99      | 62.7  | 49.4   | 74.0  |       |

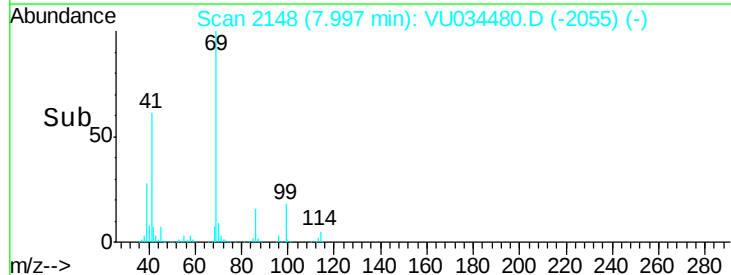
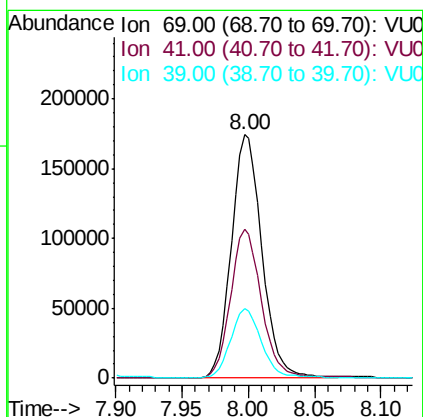
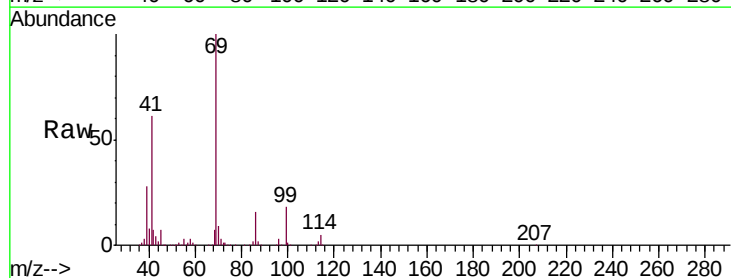
Manual Integrations  
 APPROVED

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 9/13/2019 6:57:23 AM



#56  
 Ethyl methacrylate  
 Concen: 50.664 ug/l  
 RT: 8.00 min Scan# 2148  
 Delta R.T. -0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 69      | 100   | 280460 |       |       |
| 41      | 61.8  | 49.5   | 74.3  |       |
| 39      | 28.5  | 22.5   | 33.7  |       |





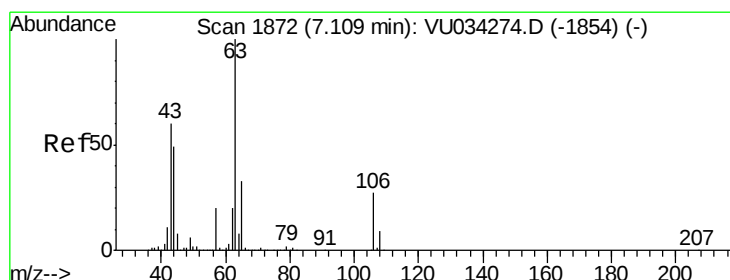
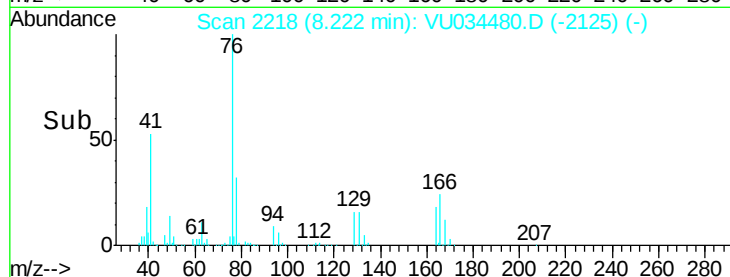
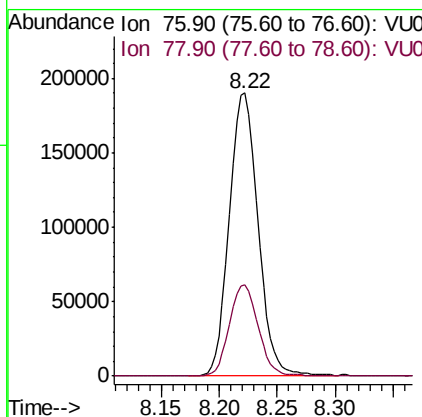
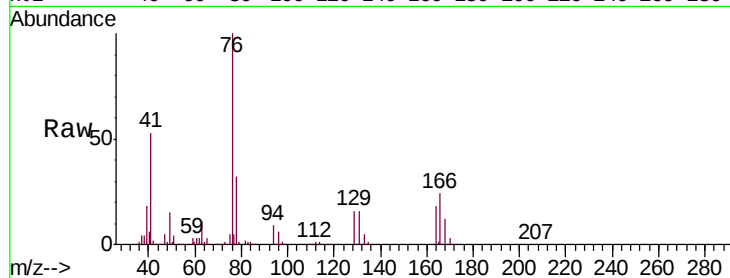
#57  
 1,3-Dichloropropane  
 Concen: 55.096 ug/l  
 RT: 8.22 min Scan# 2218  
 Delta R.T. 0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 76 Resp: 326607  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 25.4 38.2

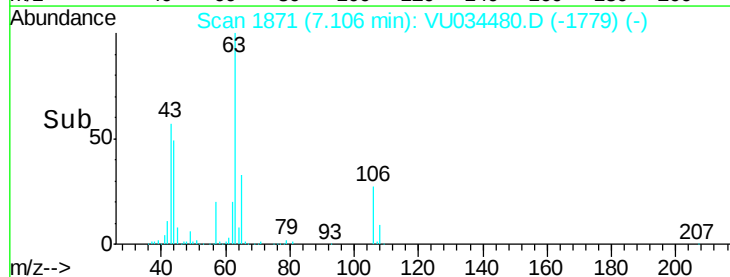
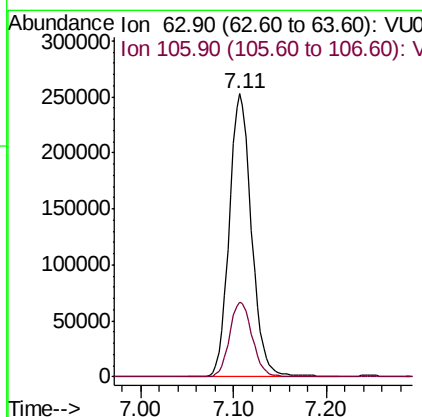
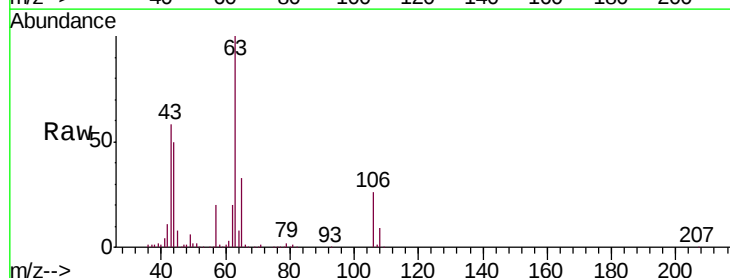
Manual Integrations  
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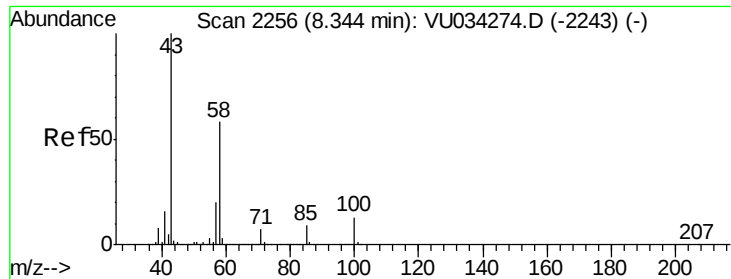
MMDadoda  
 9/13/2019 6:57:23 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 226.803 ug/l  
 RT: 7.11 min Scan# 1871  
 Delta R.T. -0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

Tgt Ion: 63 Resp: 421307  
 Ion Ratio Lower Upper  
 63 100  
 106 27.1 21.6 32.4





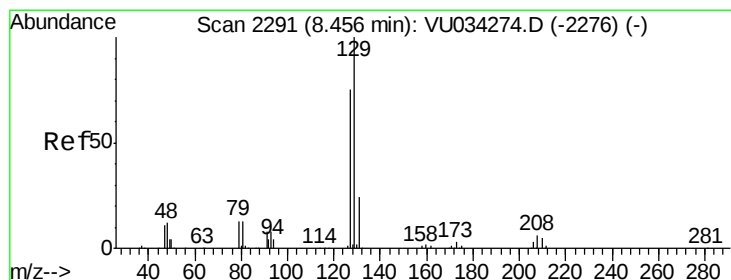
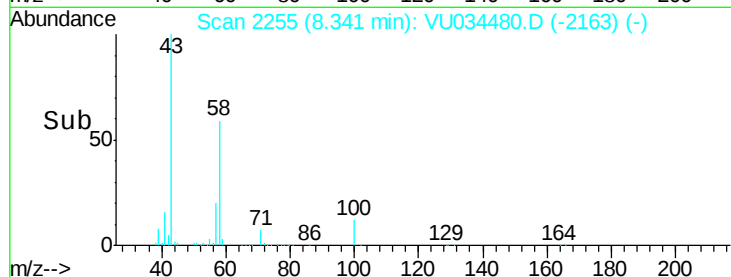
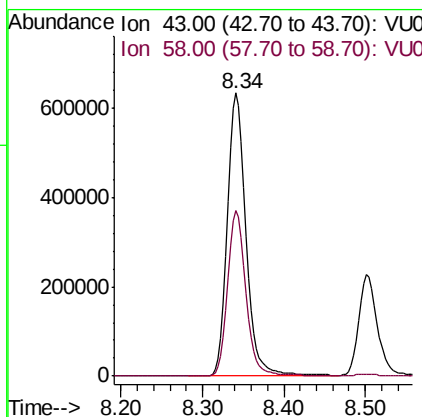
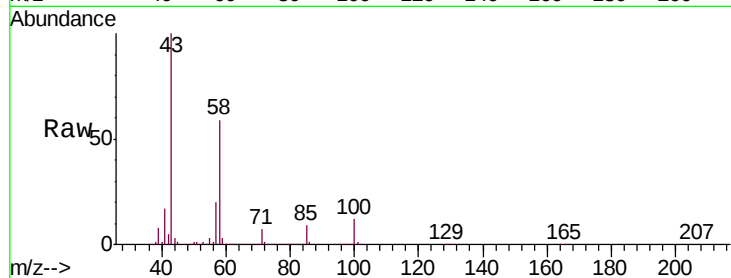
#59  
2-Hexanone  
Concen: 273.518 ug/l  
RT: 8.34 min Scan# 2255  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 1033256  
Ion Ratio Lower Upper  
43 100  
58 57.6 28.8 86.5

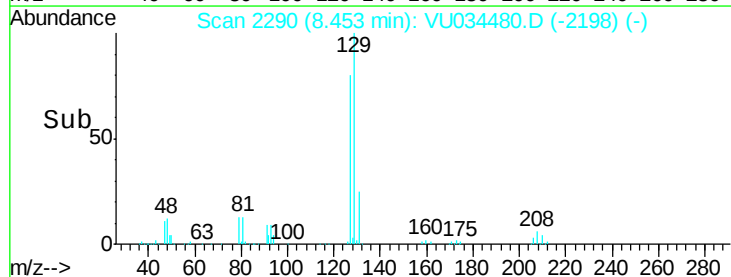
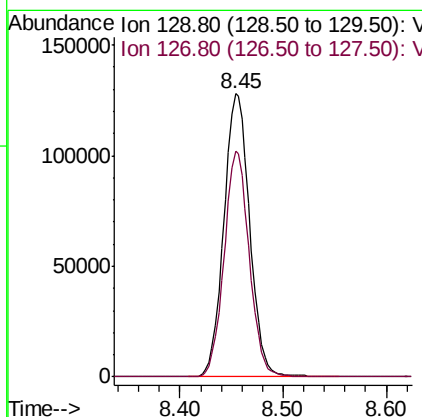
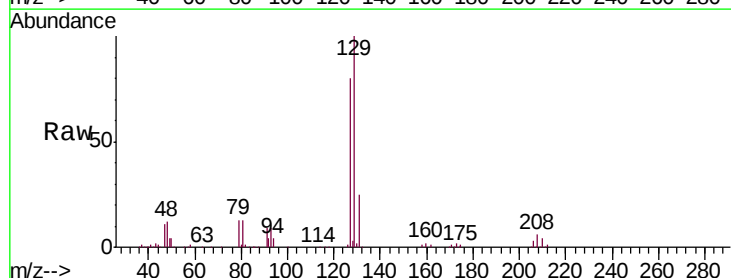
Manual Integrations  
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#60  
Dibromochloromethane  
Concen: 57.250 ug/l  
RT: 8.45 min Scan# 2290  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Tgt Ion: 129 Resp: 223547  
Ion Ratio Lower Upper  
129 100  
127 77.5 37.9 113.7





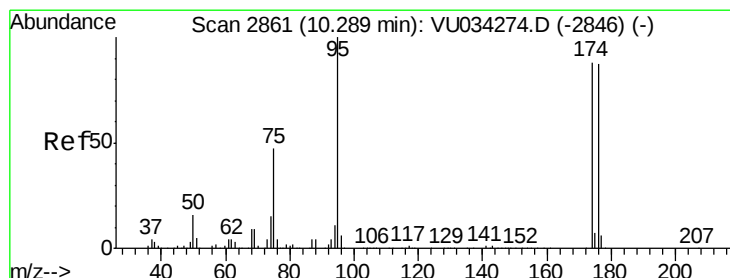
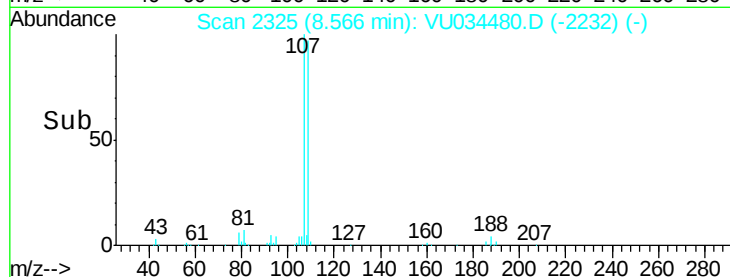
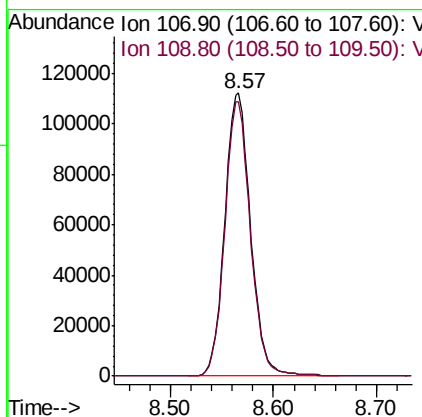
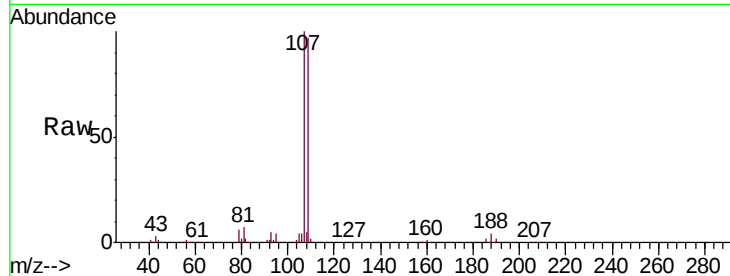
#61  
 1,2-Dibromoethane  
 Concen: 55.036 ug/l  
 RT: 8.57 min Scan# 2325  
 Delta R.T. 0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 196101 |       |       |
| 109     | 96.0  | 75.0   | 112.6 |       |

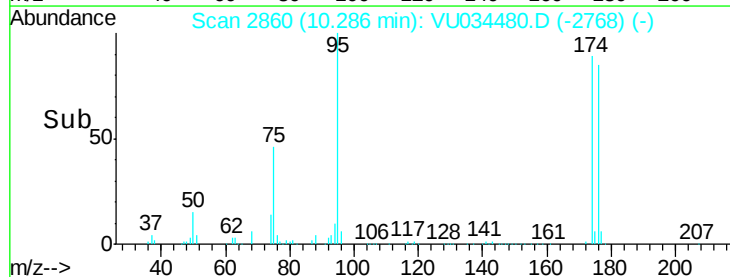
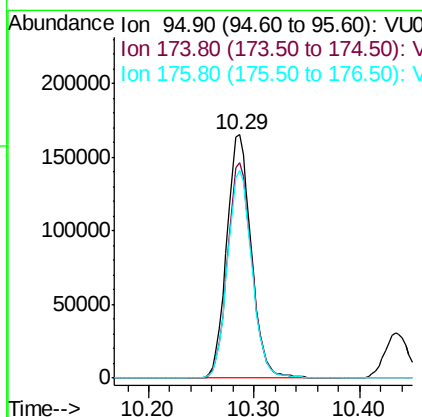
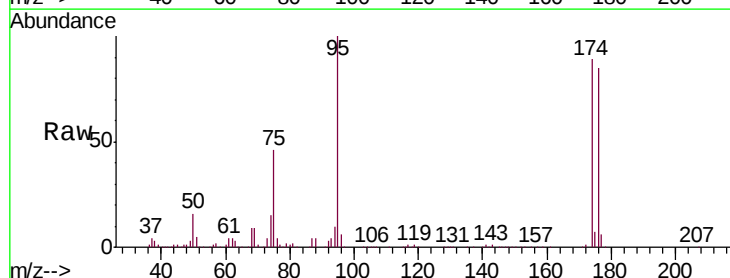
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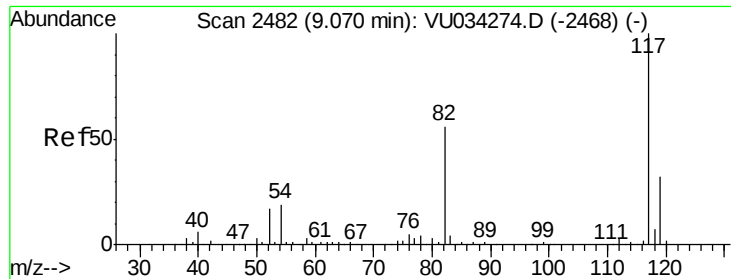
MMDadoda  
 9/13/2019 6:57:23 AM



#62  
 4-Bromofluorobenzene  
 Concen: 53.831 ug/l  
 RT: 10.29 min Scan# 2860  
 Delta R.T. -0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 265359 |       |       |
| 174     | 88.2  | 0.0    | 175.2 |       |
| 176     | 84.8  | 0.0    | 168.0 |       |





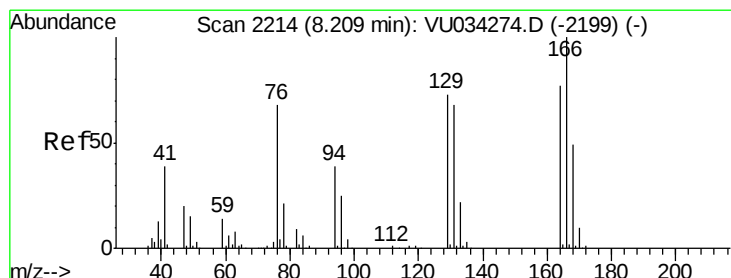
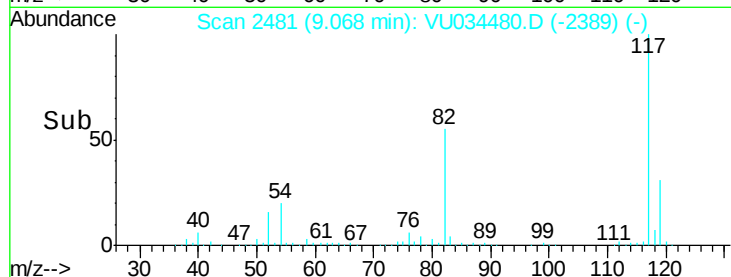
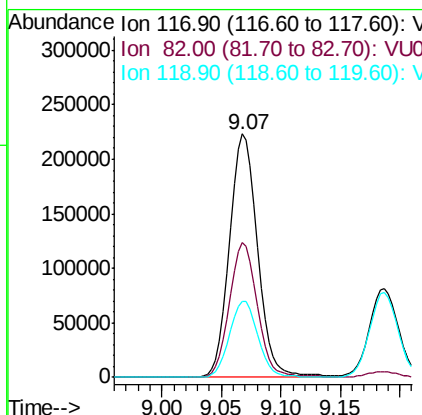
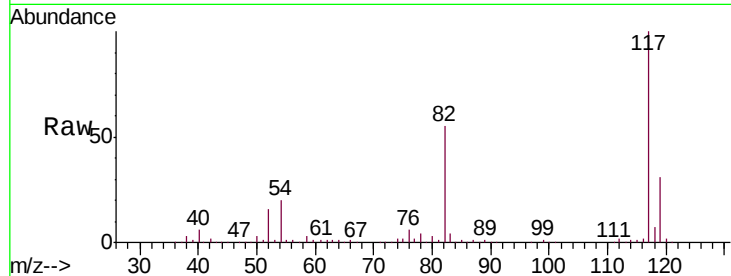
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.07 min Scan# 2481  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 367257 |       |       |
| 82      | 55.3  | 44.6   | 67.0  |       |
| 119     | 31.3  | 25.9   | 38.9  |       |

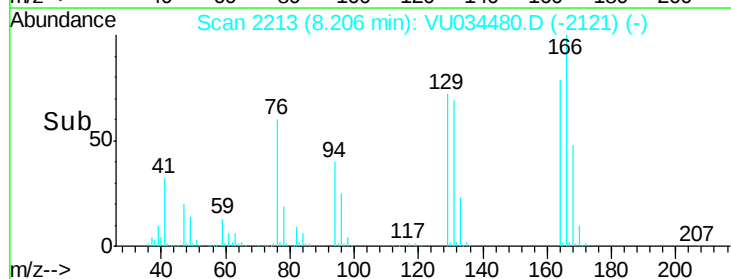
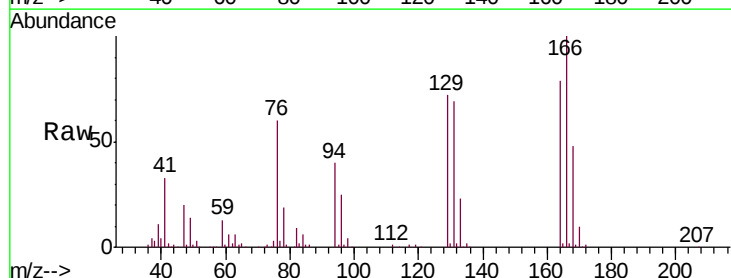
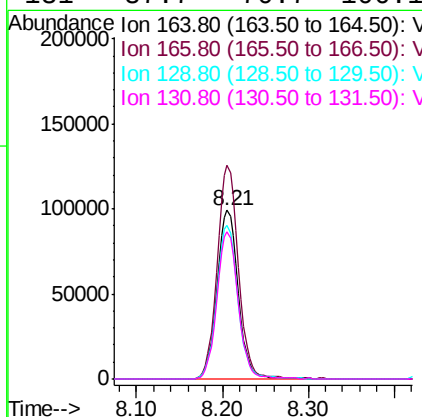
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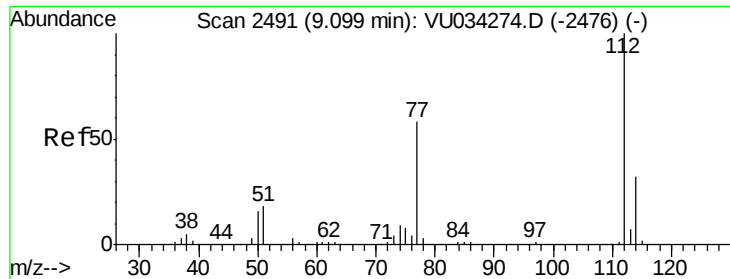
MMDadoda  
9/13/2019 6:57:23 AM



#64  
Tetrachloroethene  
Concen: 53.971 ug/l  
RT: 8.21 min Scan# 2213  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 171960 |       |       |
| 166     | 126.7 | 103.7  | 155.5 |       |
| 129     | 91.2  | 75.8   | 113.8 |       |
| 131     | 87.7  | 70.7   | 106.1 |       |





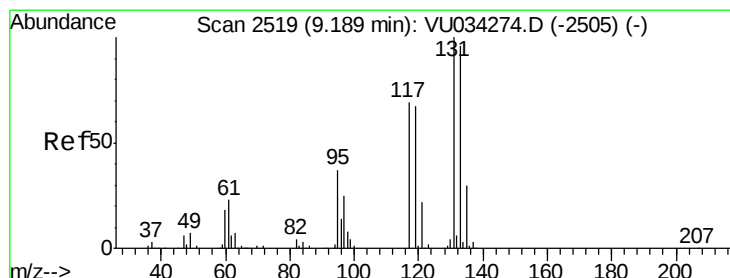
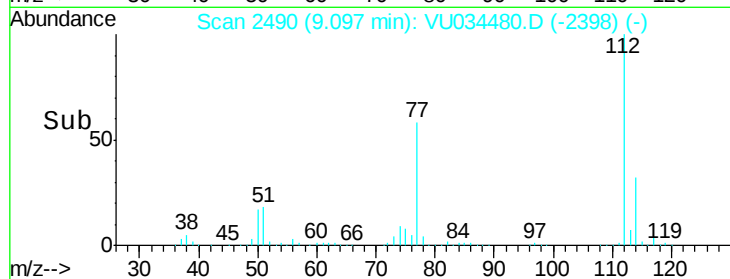
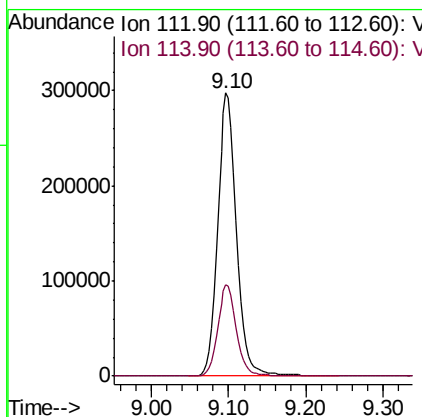
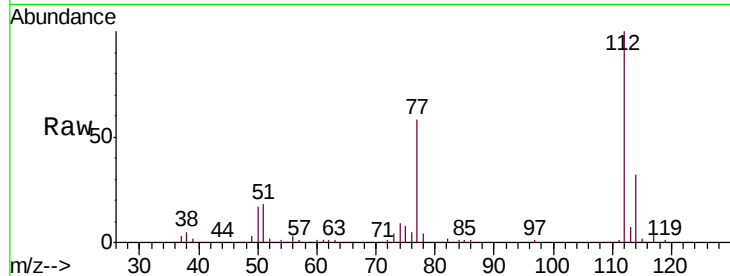
#65  
Chlorobenzene  
Concen: 54.550 ug/l  
RT: 9.10 min Scan# 2490  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 508266 |       |       |
| 114     | 32.4  | 25.9   | 38.9  |       |

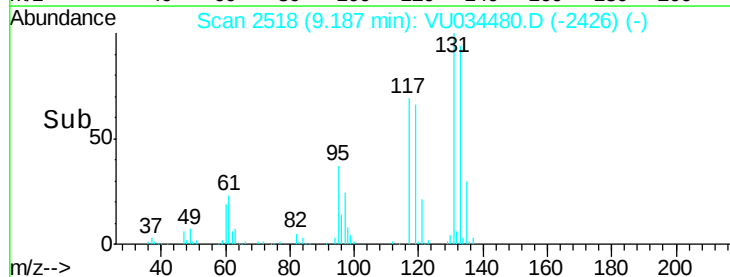
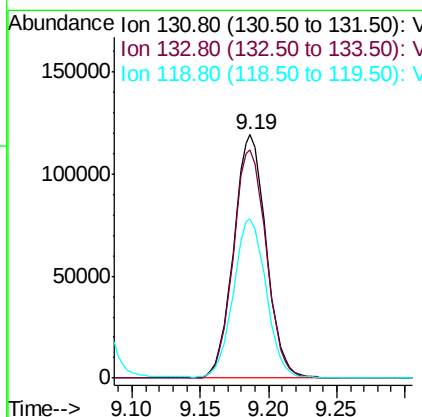
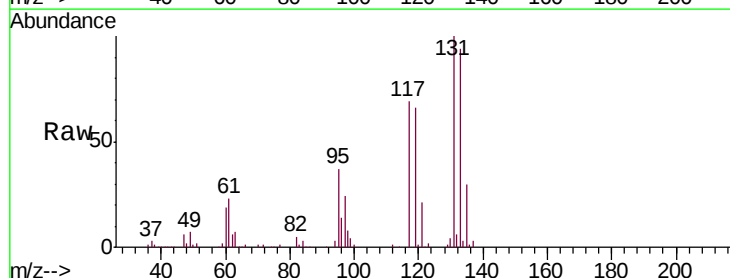
Manual Integrations  
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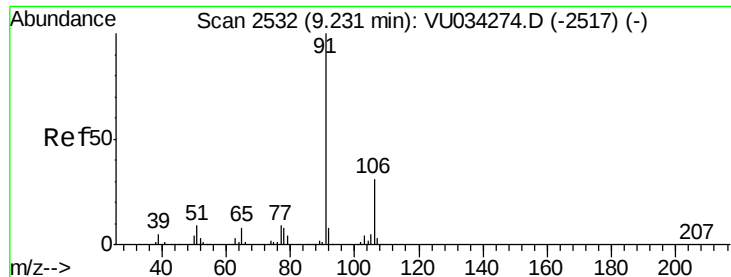
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.607 ug/l  
RT: 9.19 min Scan# 2518  
Delta R.T. -0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 131     | 100   | 197730 |       |       |
| 133     | 95.5  | 47.9   | 143.7 |       |
| 119     | 66.0  | 33.1   | 99.5  |       |





#67

Ethyl Benzene

Concen: 55.975 ug/l

RT: 9.23 min Scan# 2531

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 852763

Ion Ratio Lower Upper

91 100

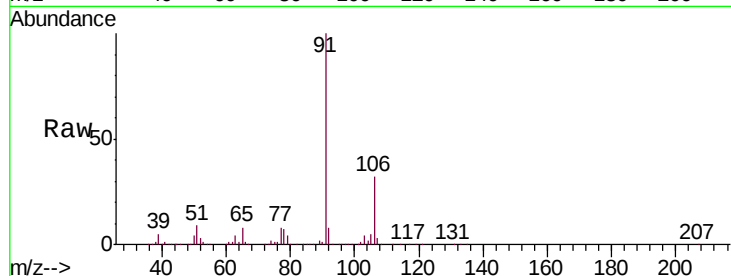
106 32.0 24.8 37.2

Manual Integrations

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MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VU034480.D (-2439) (-)

Ion 106.00 (105.70 to 106.70): VU034480.D (-2439) (-)

800000

600000

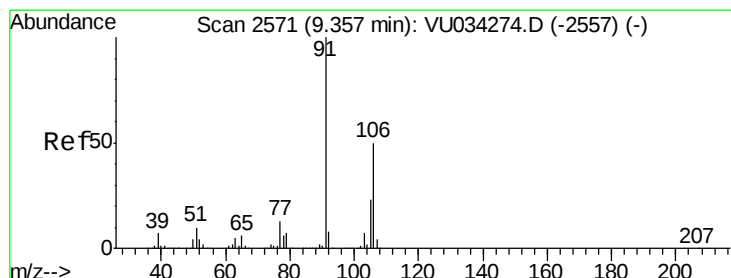
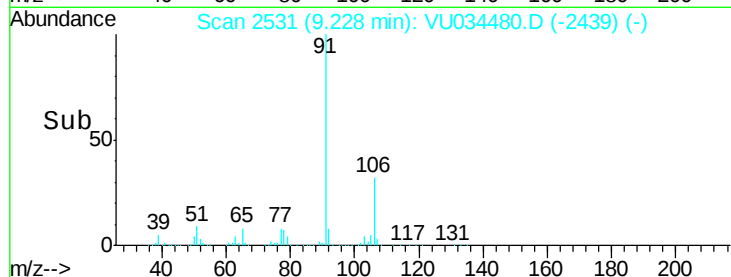
400000

200000

0

9.15 9.20 9.25 9.30 9.35

Time-->



#68

m/p-Xylenes

Concen: 117.301 ug/l

RT: 9.35 min Scan# 2570

Delta R.T. -0.00 min

Lab File: VU034480.D

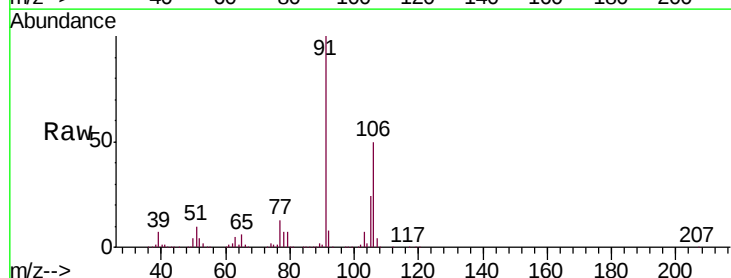
Acq: 11 Sep 2019 17:09

Tgt Ion: 106 Resp: 672925

Ion Ratio Lower Upper

106 100

91 199.5 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): VU034480.D (-2478) (-)

Ion 91.00 (90.70 to 91.70): VU034480.D (-2478) (-)

800000

600000

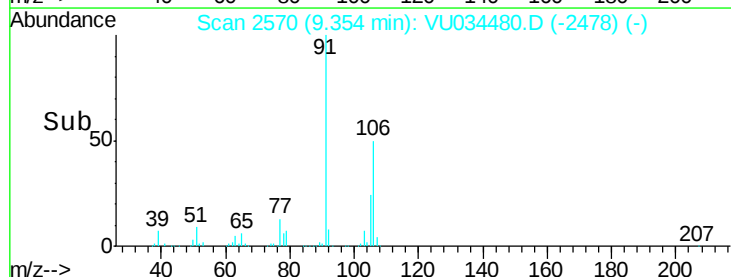
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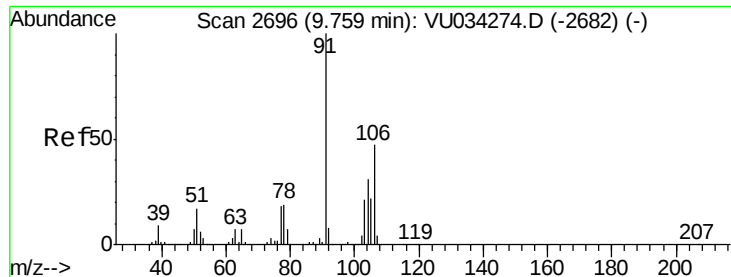
200000

0

9.30 9.40 9.50

Time-->





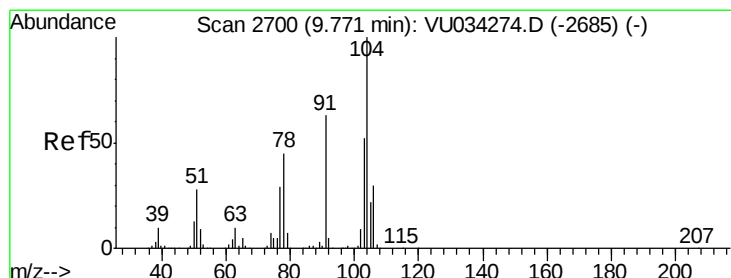
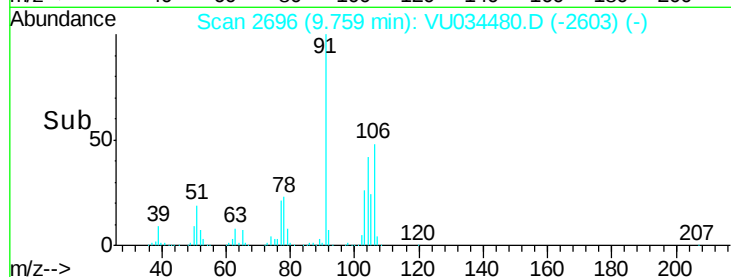
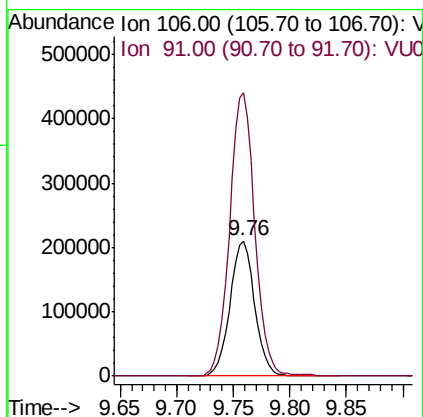
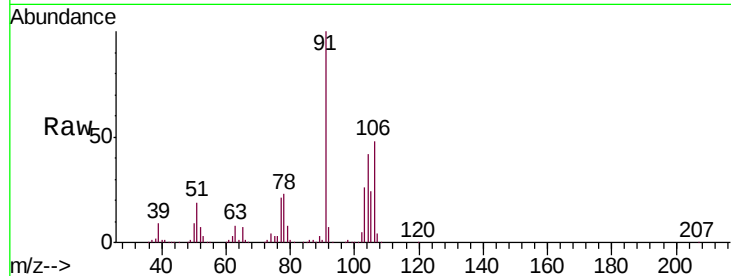
#69  
o-Xylene  
Concen: 57.271 ug/l  
RT: 9.76 min Scan# 2696  
Delta R.T. 0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 321310 |       |       |
| 91      | 212.3 | 105.1  | 315.3 |       |

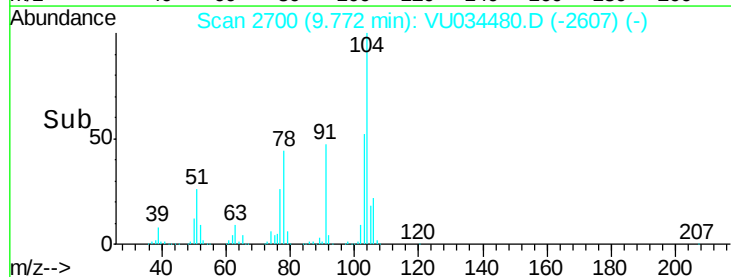
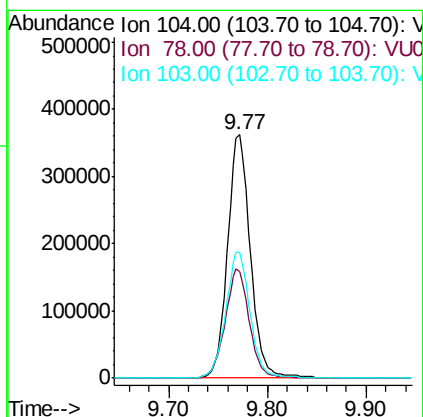
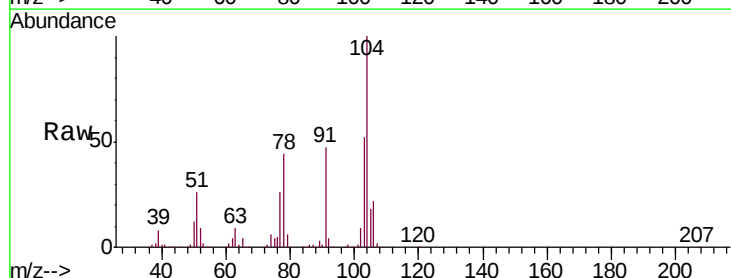
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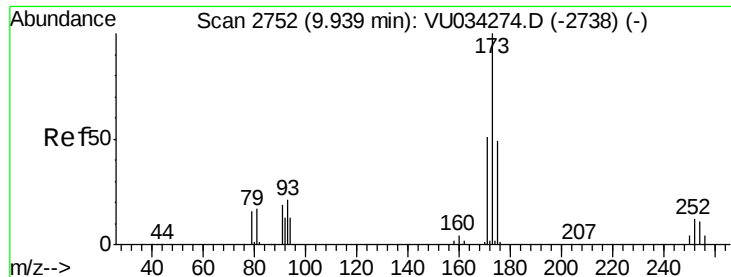
MMDadoda  
9/13/2019 6:57:23 AM



#70  
Styrene  
Concen: 59.922 ug/l  
RT: 9.77 min Scan# 2700  
Delta R.T. 0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 589415 |       |       |
| 78      | 47.8  | 38.6   | 57.8  |       |
| 103     | 55.2  | 44.2   | 66.4  |       |





#71

Bromoform

Concen: 56.029 ug/l

RT: 9.94 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VU034480.D

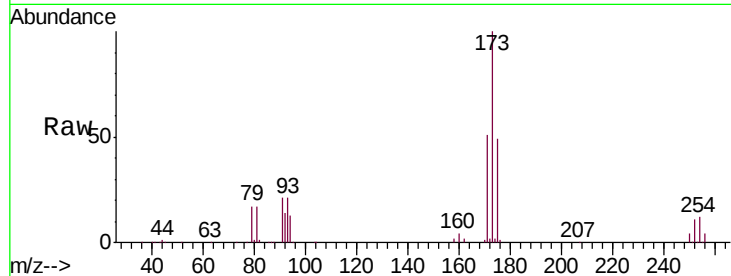
Acq: 11 Sep 2019 17:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

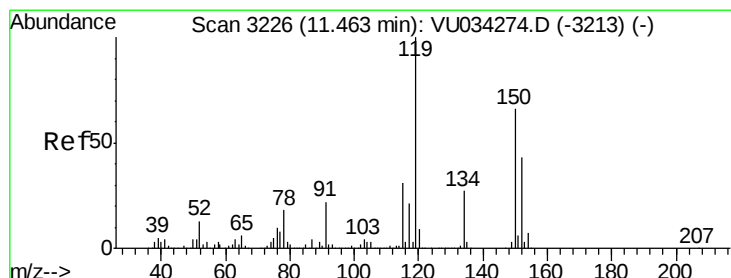
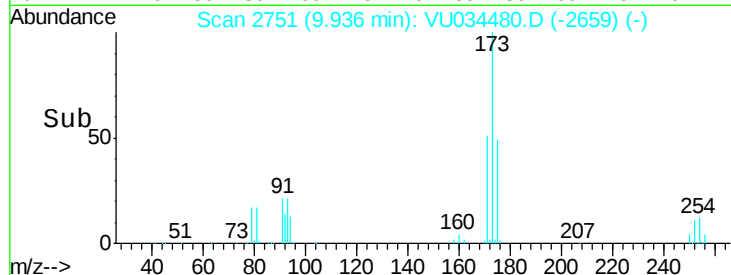
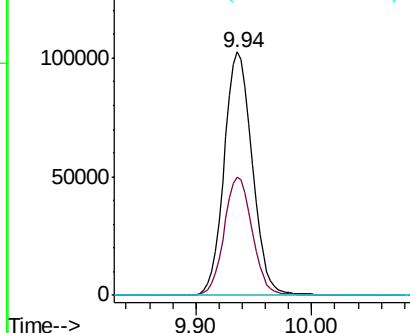
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 173     | 100   | 172666 |       |       |
| 175     | 48.6  | 24.4   | 73.2  |       |
| 254     | 0.1   | 0.0    | 0.0#  |       |

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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

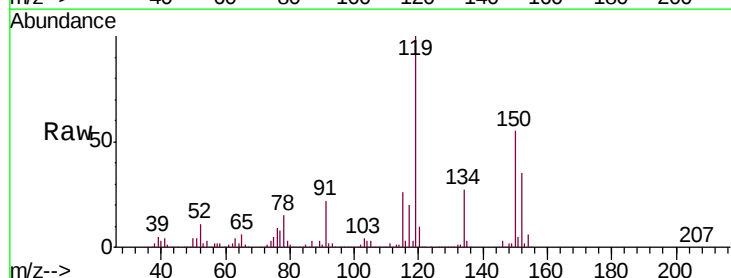
RT: 11.46 min Scan# 3225

Delta R.T. -0.00 min

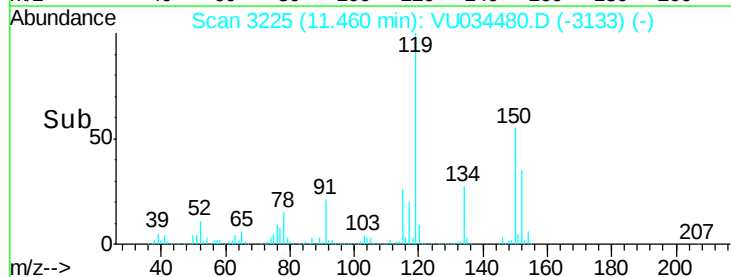
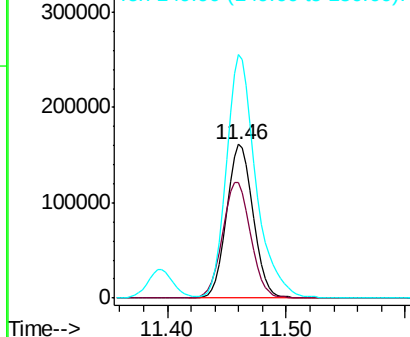
Lab File: VU034480.D

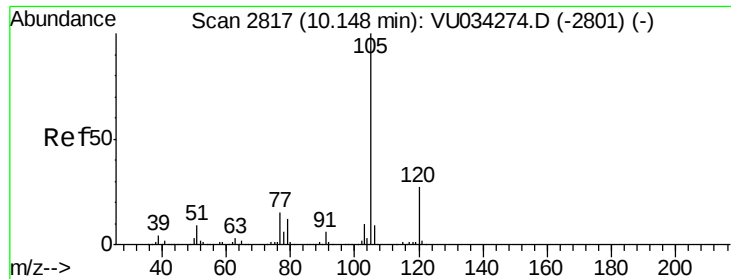
Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 249514 |       |       |
| 115     | 79.8  | 39.1   | 117.3 |       |
| 150     | 174.8 | 0.0    | 345.4 |       |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.584 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 902566

Ion Ratio Lower Upper

105 100

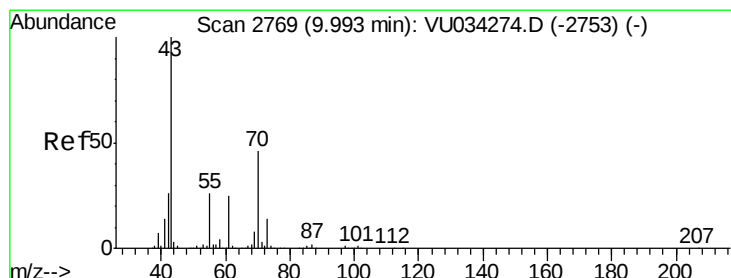
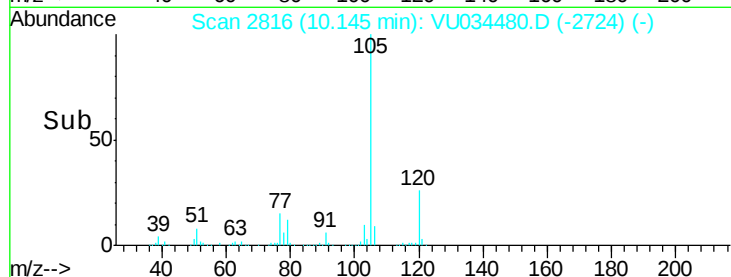
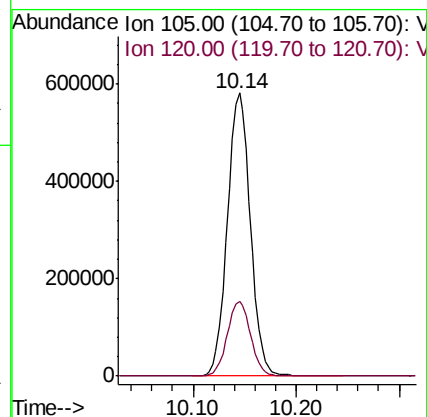
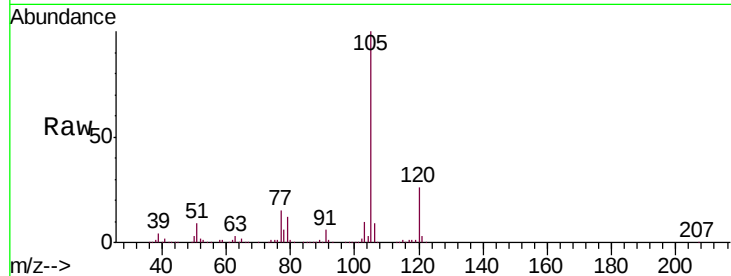
120 26.8 13.4 40.2

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#74

N-ethyl acetate

Concen: 53.907 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. 0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Tgt Ion: 43 Resp: 352347

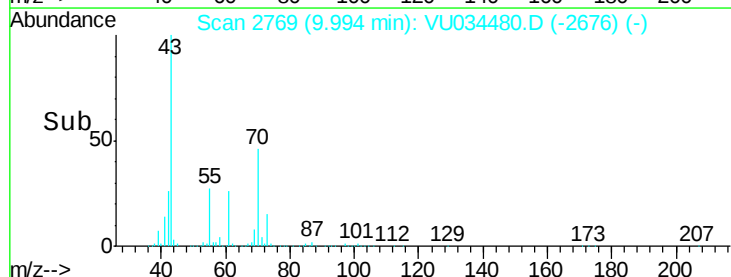
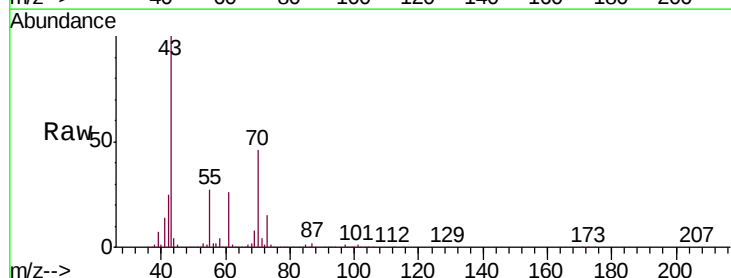
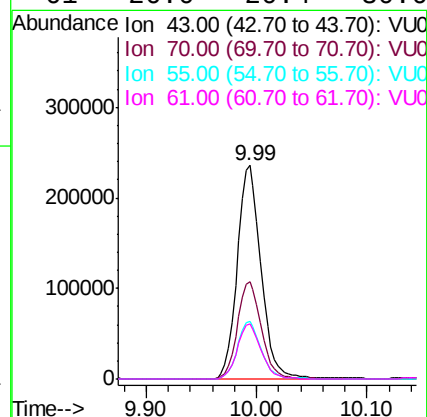
Ion Ratio Lower Upper

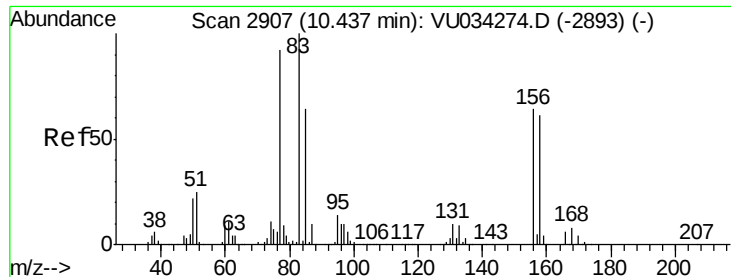
43 100

70 45.7 36.4 54.6

55 27.0 21.2 31.8

61 26.0 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.954 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

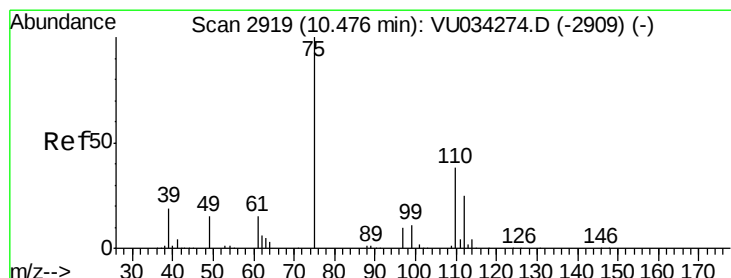
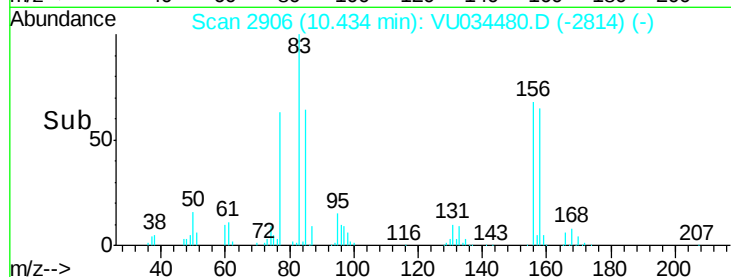
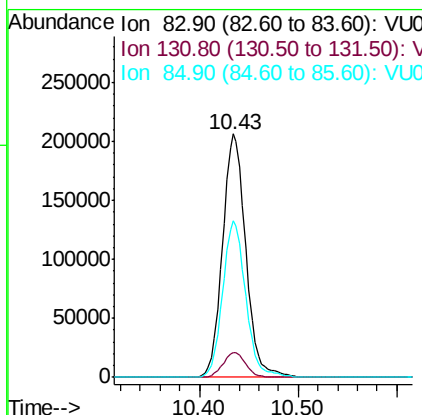
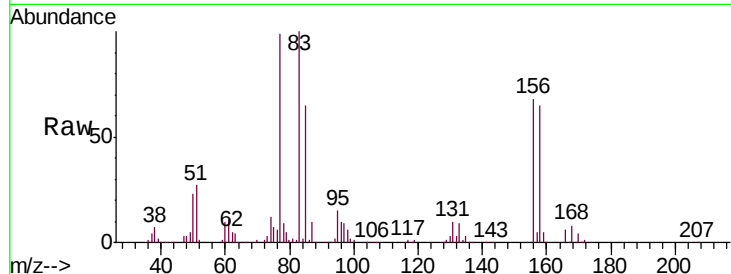
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 341474 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.9   | 5.1   | 15.2   |
| 85        | 64.1  | 32.0  | 96.2   |

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#76

1,2,3-Trichloropropane

Concen: 52.979 ug/l m

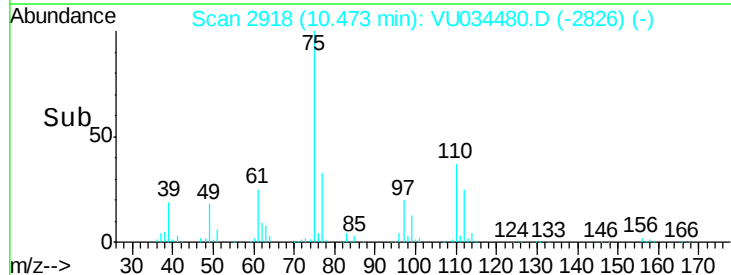
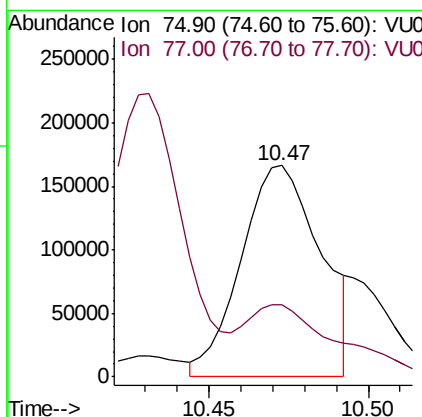
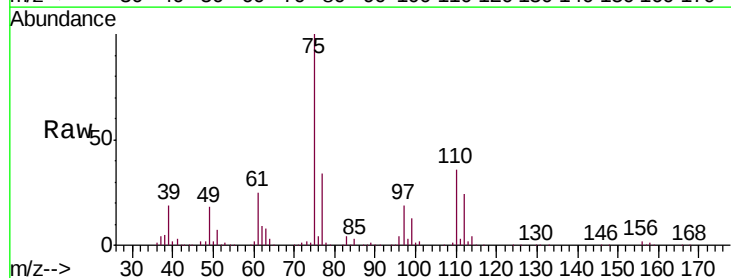
RT: 10.47 min Scan# 2918

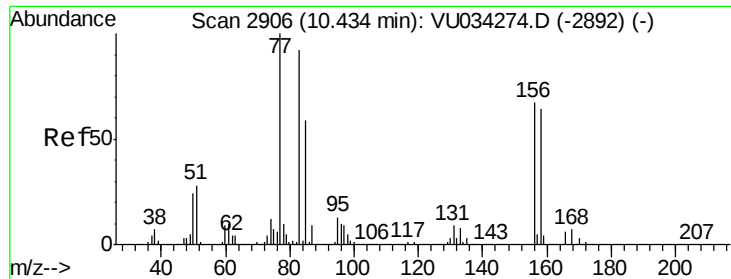
Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 288549 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 39.9  | 20.8  | 62.2   |





#77

Bromobenzene

Concen: 53.993 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

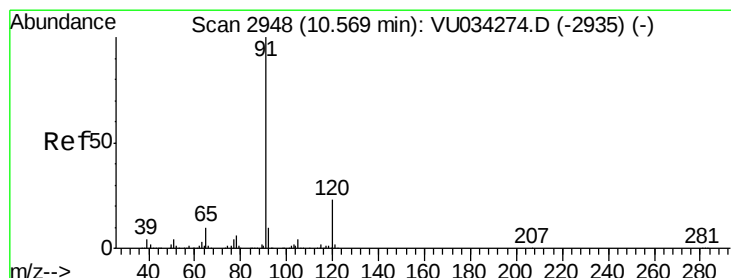
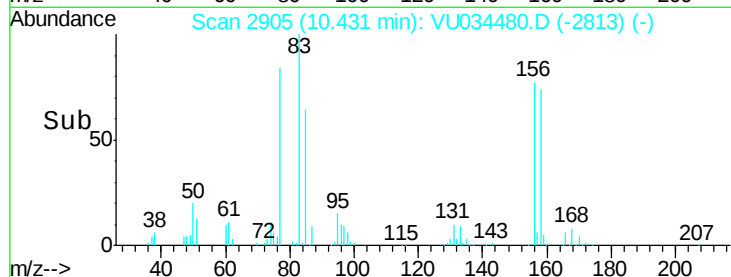
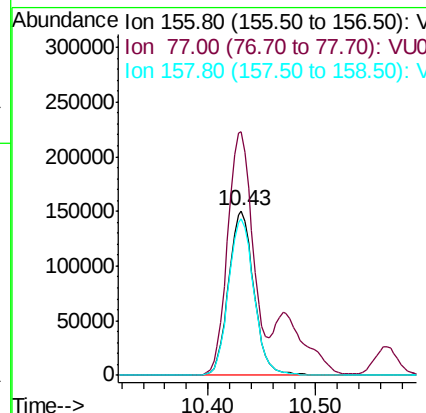
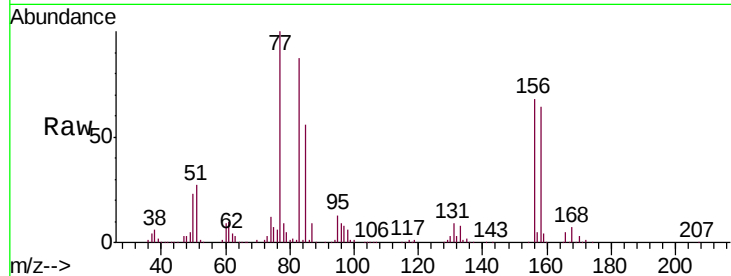
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 156   | Resp: | 245143 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 149.2 | 75.6  | 226.9  |
| 158       | 96.9  | 48.2  | 144.6  |

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#78

n-propylbenzene

Concen: 56.357 ug/l

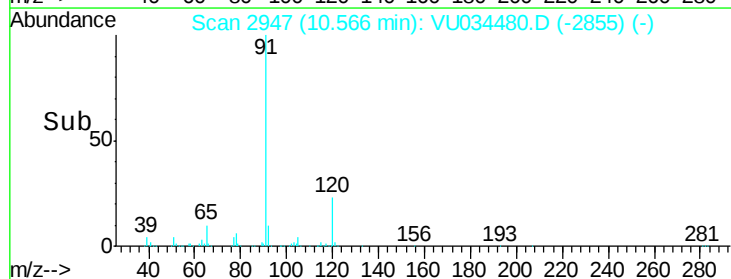
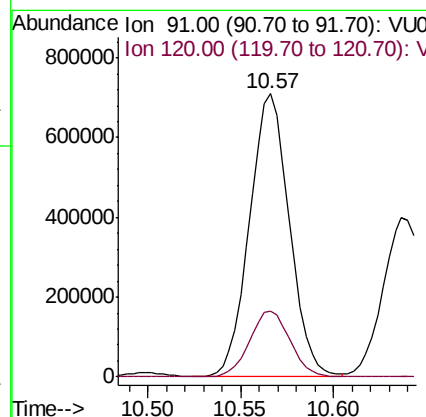
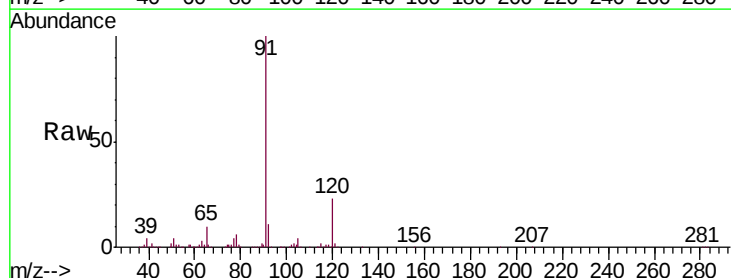
RT: 10.57 min Scan# 2947

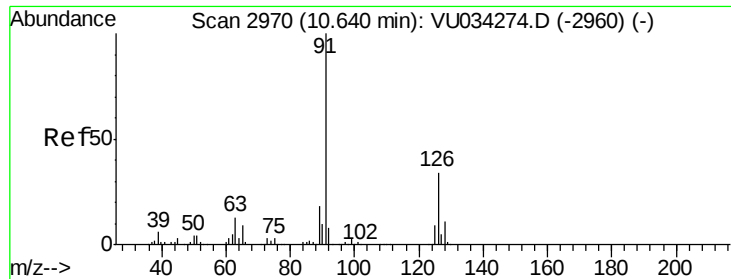
Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1056863 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 23.6  | 11.7  | 35.0    |





#79

2-Chlorotoluene

Concen: 55.399 ug/l

RT: 10.64 min Scan# 2969

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 633892

Ion Ratio Lower Upper

91 100

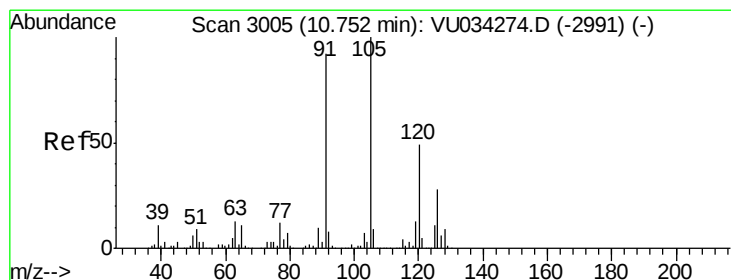
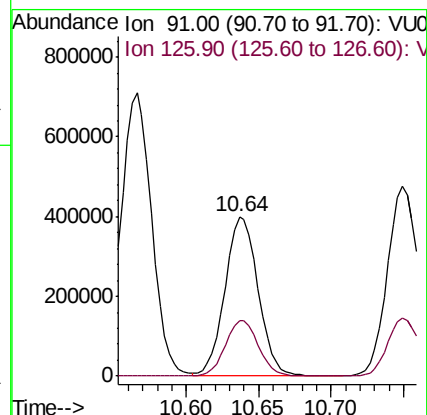
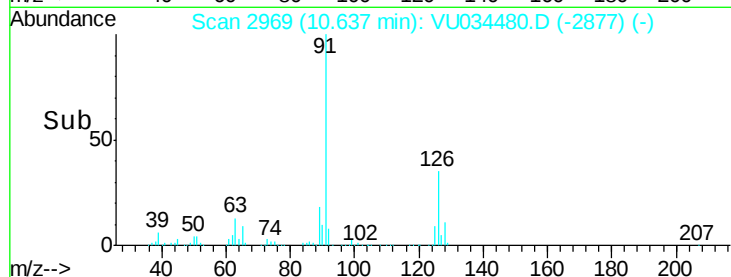
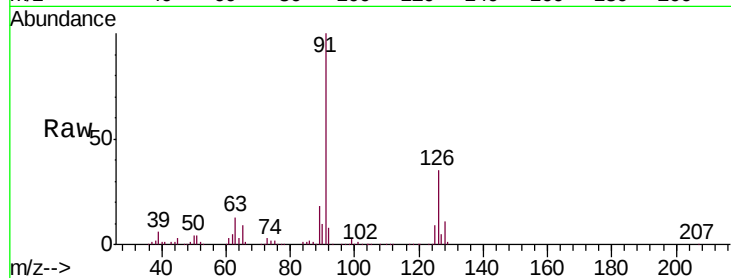
126 35.0 17.3 51.9

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#80

1,3,5-Trimethylbenzene

Concen: 58.359 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034480.D

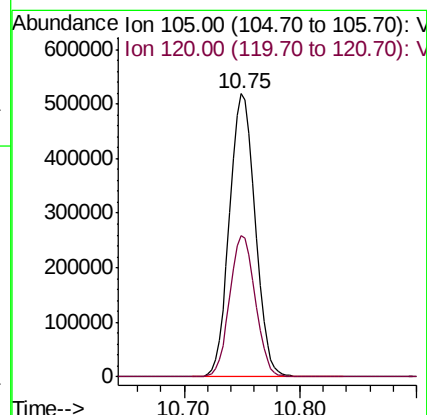
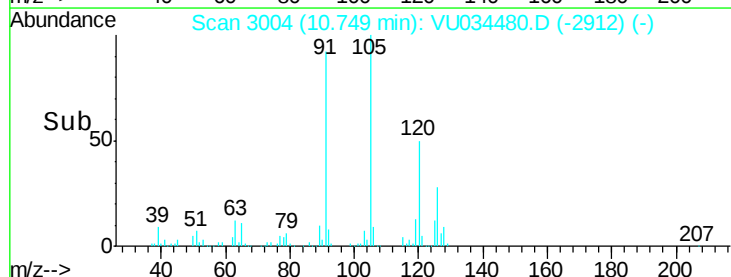
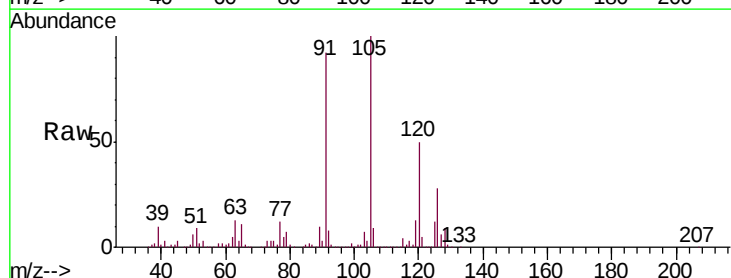
Acq: 11 Sep 2019 17:09

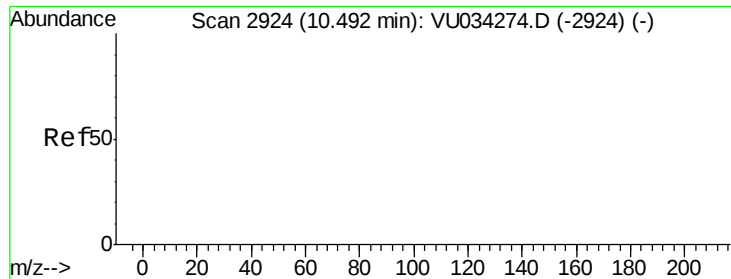
Tgt Ion: 105 Resp: 792528

Ion Ratio Lower Upper

105 100

120 49.6 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 56.022 ug/l m

RT: 10.49 min Scan# 2923

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

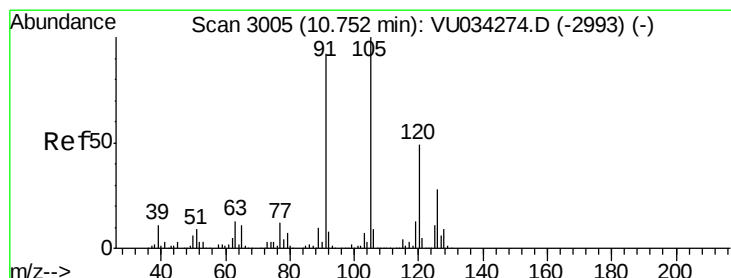
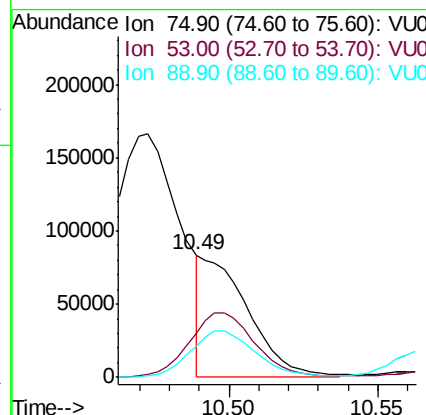
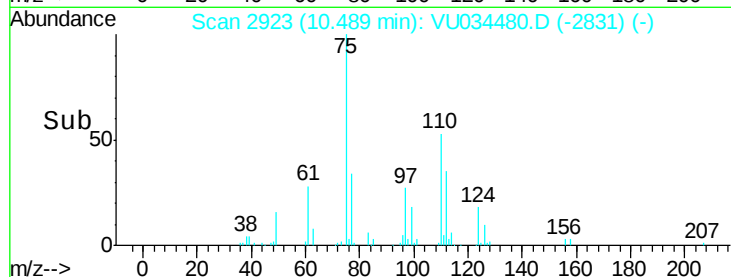
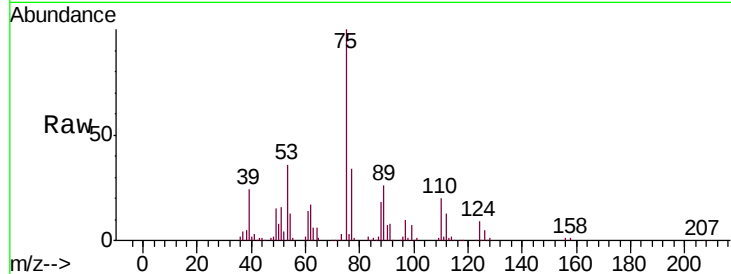
Instrument :  
MSVOA\_U

ClientSampleId :  
VSTDCCC050

| 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: 56.110 ug/l

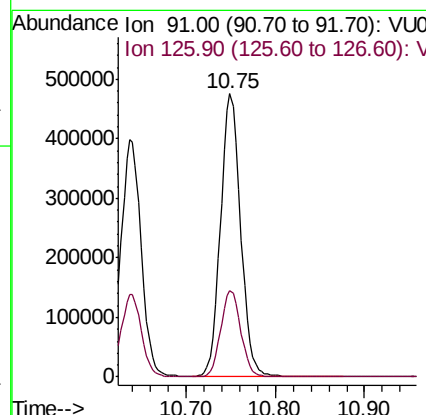
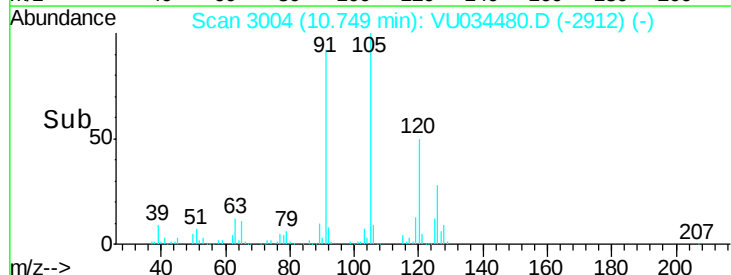
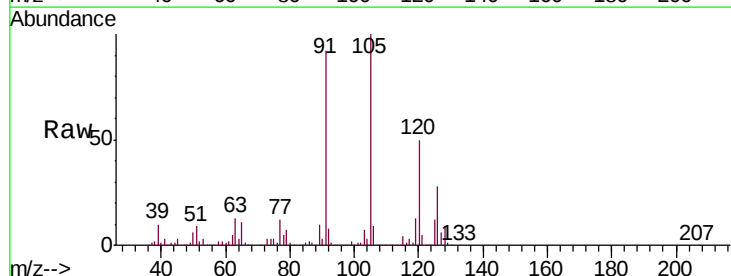
RT: 10.75 min Scan# 3004

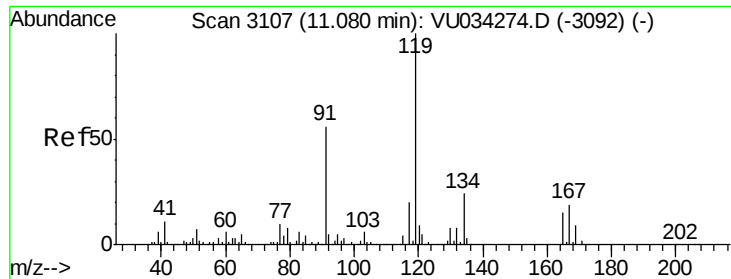
Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.6  | 15.3  | 45.8  |





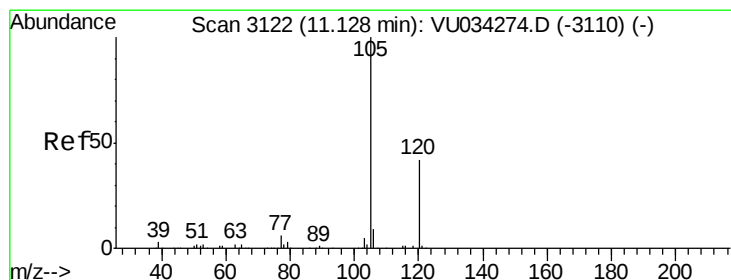
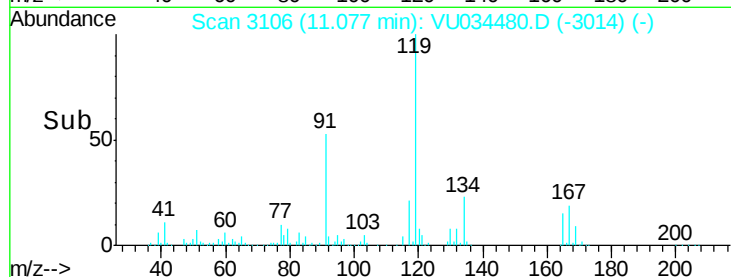
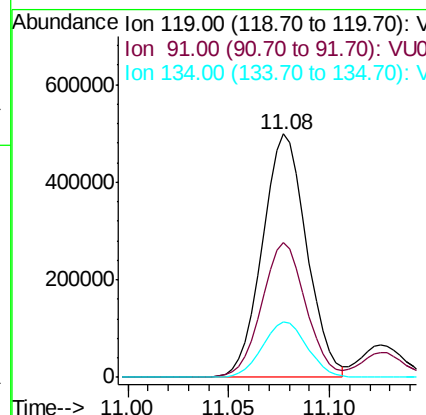
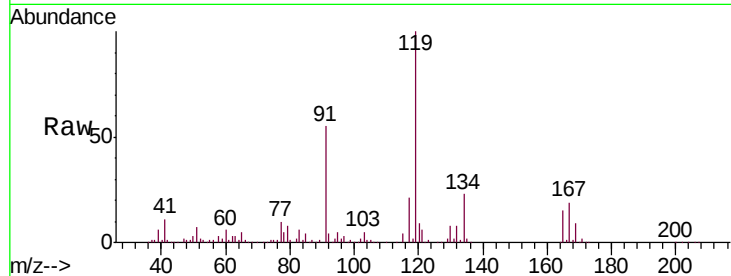
#83  
 tert-Butylbenzene  
 Concen: 56.130 ug/l  
 RT: 11.08 min Scan# 3106  
 Delta R.T. -0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 762552 |       |       |
| 91      | 55.0  | 27.8   | 83.4  |       |
| 134     | 23.2  | 11.7   | 35.0  |       |

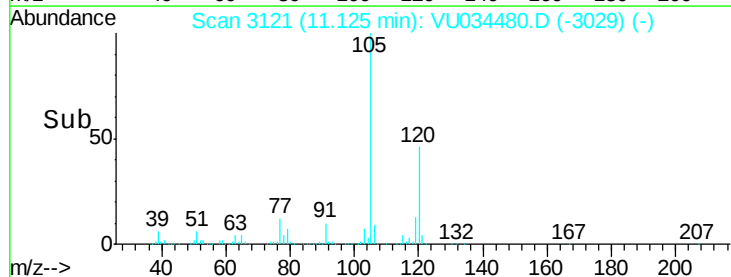
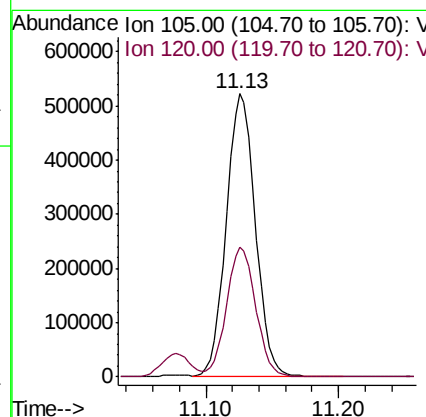
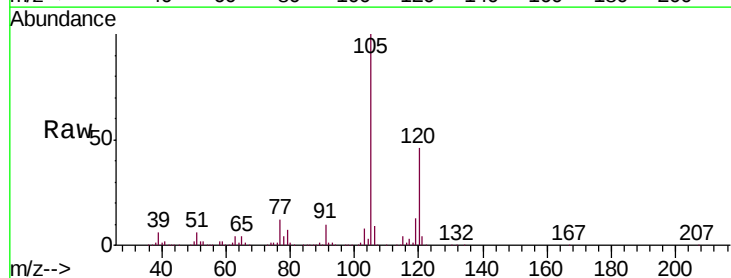
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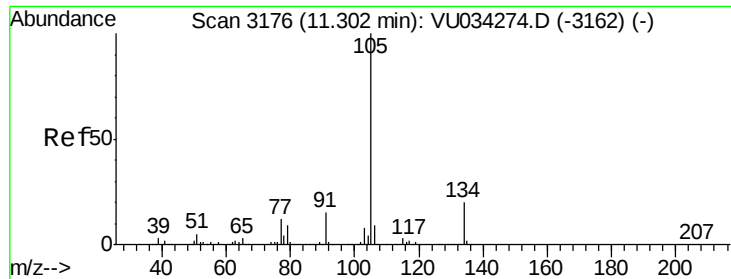
MMDadoda  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 58.001 ug/l  
 RT: 11.13 min Scan# 3121  
 Delta R.T. -0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 792876 |       |       |
| 120     | 46.1  | 22.9   | 68.8  |       |





#85

sec-Butylbenzene

Concen: 57.345 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. 0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 919730

Ion Ratio Lower Upper

105 100

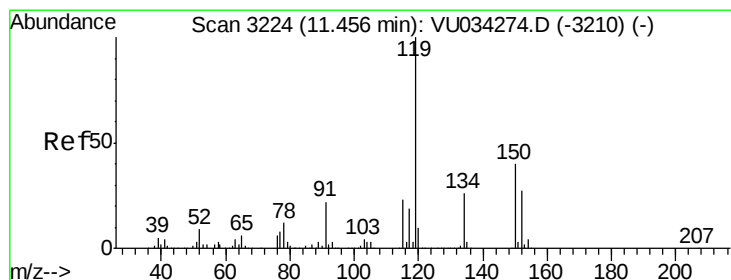
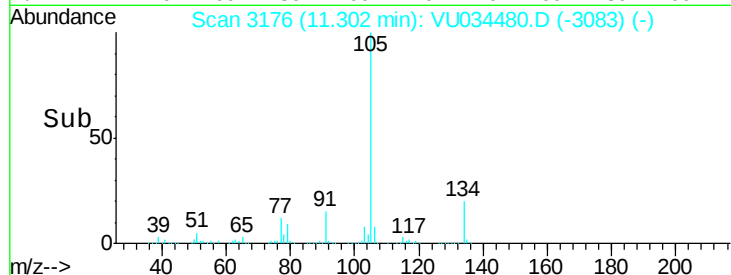
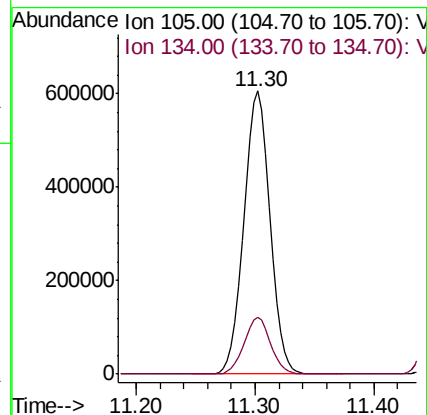
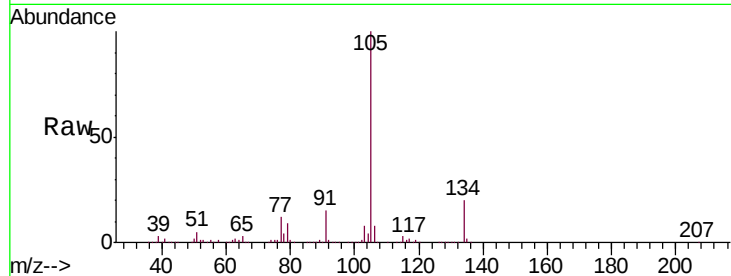
134 20.3 10.1 30.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 57.910 ug/l

RT: 11.45 min Scan# 3223

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

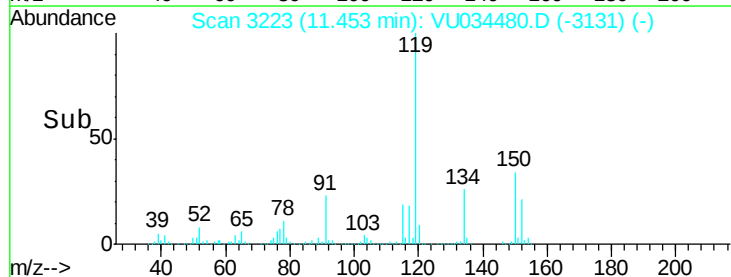
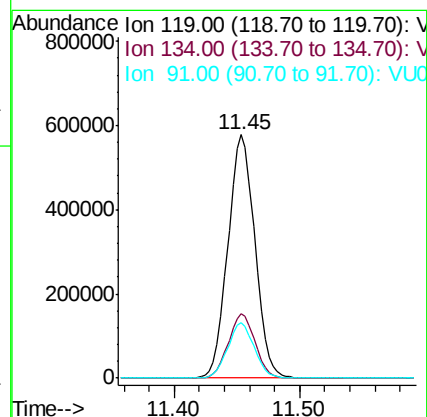
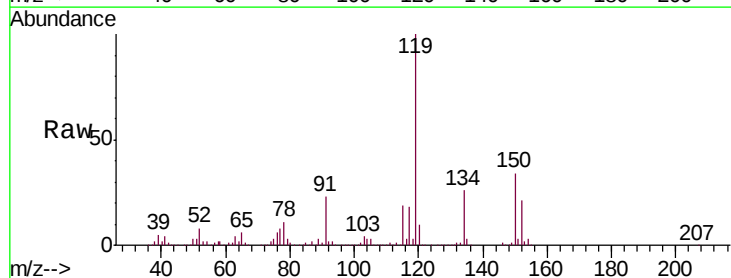
Tgt Ion:119 Resp: 857268

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 22.3 11.2 33.6





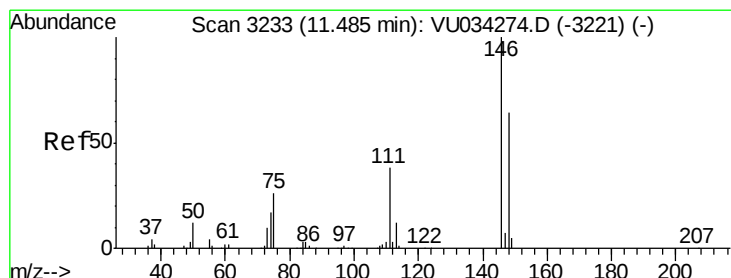
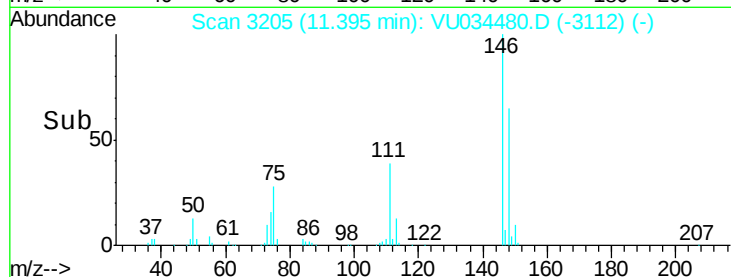
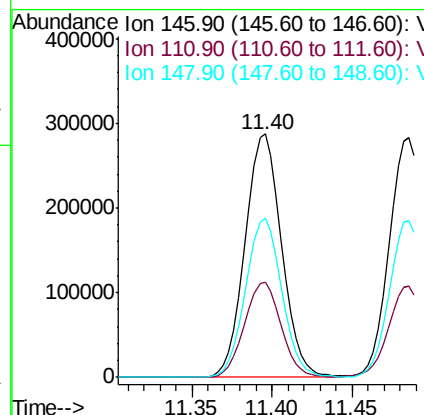
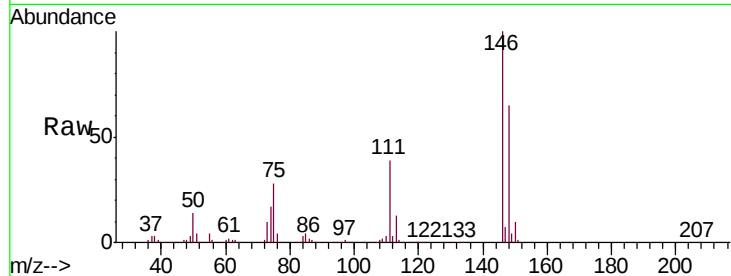
#87  
 1,3-Dichlorobenzene  
 Concen: 53.893 ug/l  
 RT: 11.40 min Scan# 3205  
 Delta R.T. 0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 446507 |       |       |
| 111     | 39.1  | 19.5   | 58.5  |       |
| 148     | 64.9  | 32.1   | 96.3  |       |

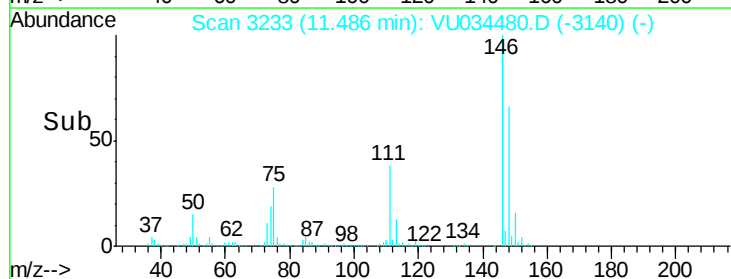
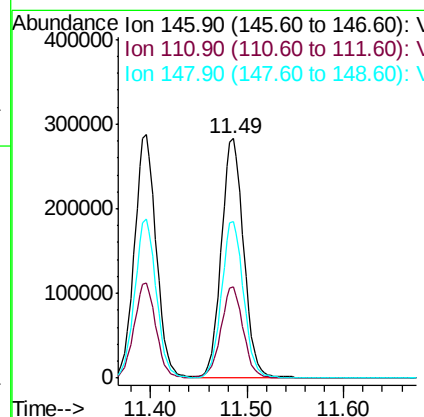
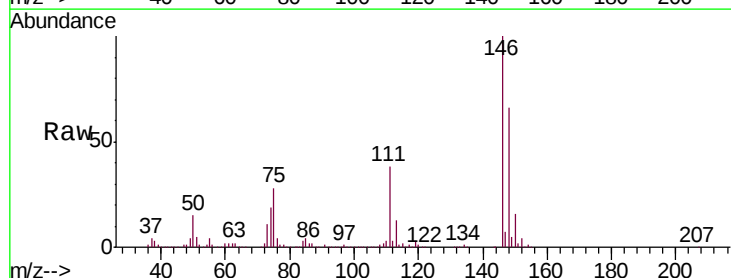
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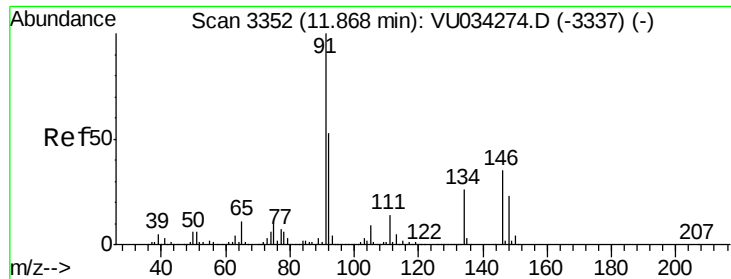
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#88  
 1,4-Dichlorobenzene  
 Concen: 52.439 ug/l  
 RT: 11.49 min Scan# 3233  
 Delta R.T. 0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 453149 |       |       |
| 111     | 37.8  | 19.1   | 57.3  |       |
| 148     | 64.3  | 32.0   | 96.0  |       |





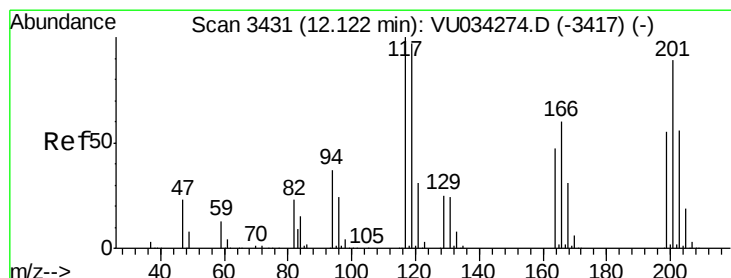
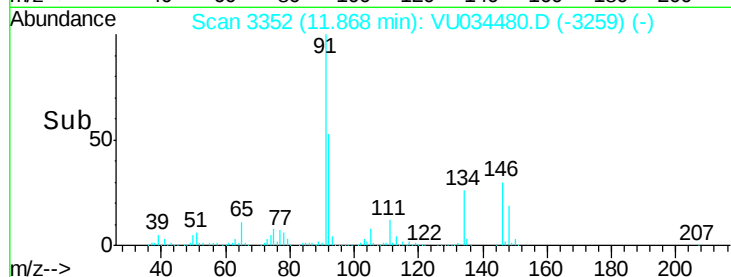
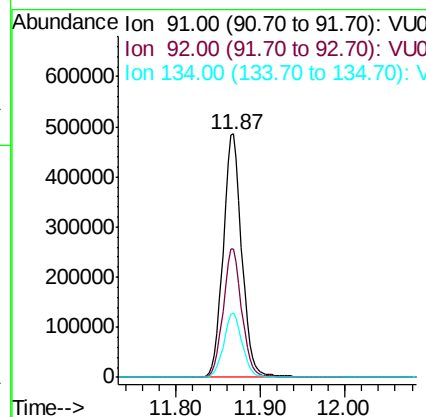
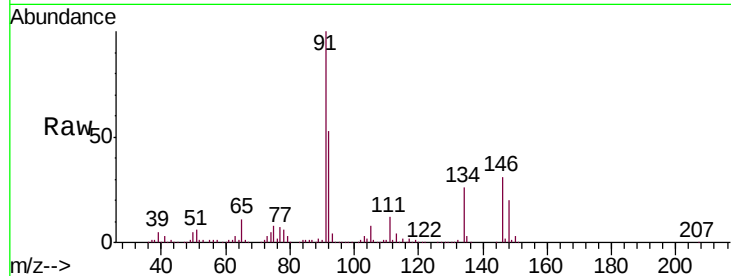
#89  
n-Butylbenzene  
Concen: 58.035 ug/l  
RT: 11.87 min Scan# 3352  
Delta R.T. 0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.7  | 26.5  | 79.4  |
| 134     | 26.3  | 13.2  | 39.6  |

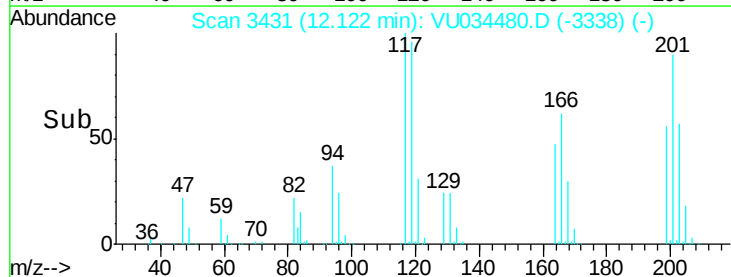
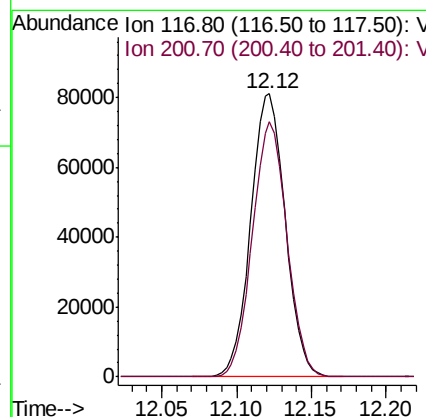
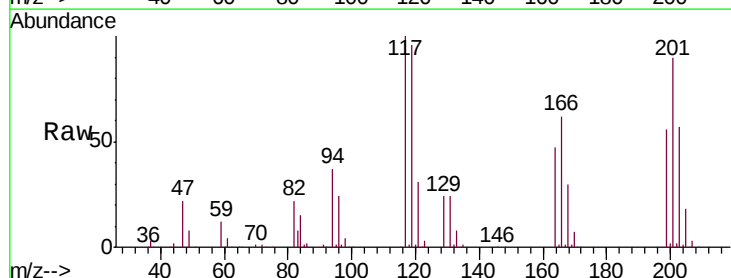
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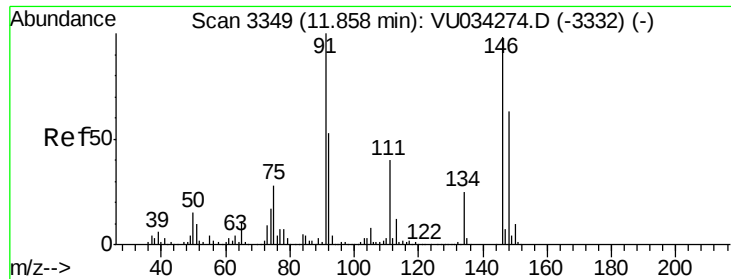
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#90  
Hexachloroethane  
Concen: 54.766 ug/l  
RT: 12.12 min Scan# 3431  
Delta R.T. 0.00 min  
Lab File: VU034480.D  
Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 90.3  | 44.1  | 132.4 |





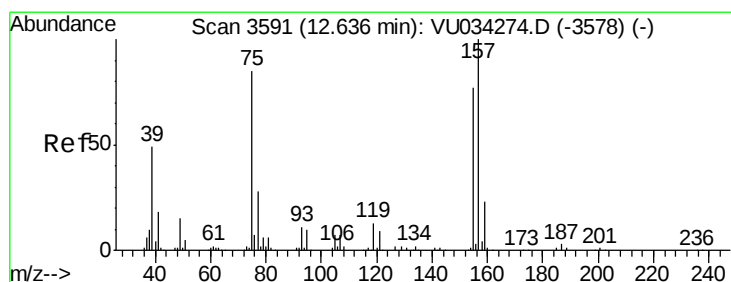
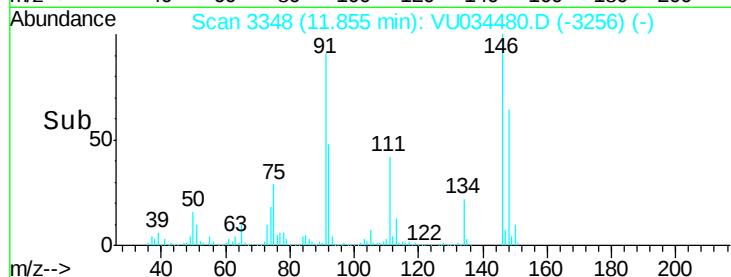
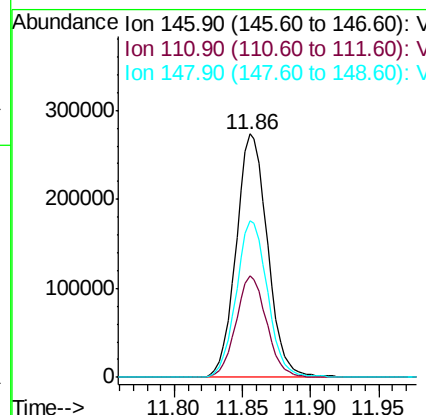
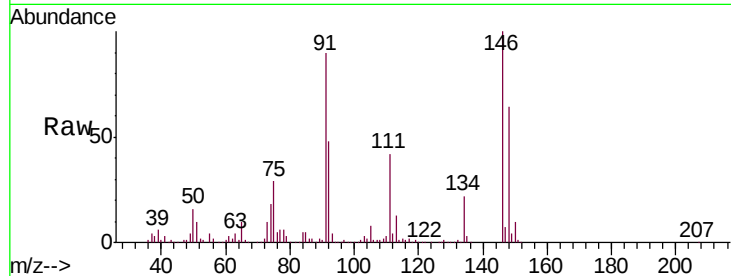
#91  
 1,2-Dichlorobenzene  
 Concen: 53.593 ug/l  
 RT: 11.86 min Scan# 3348  
 Delta R.T. -0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.9  | 20.0  | 60.0  |
| 148     | 64.7  | 31.6  | 94.8  |

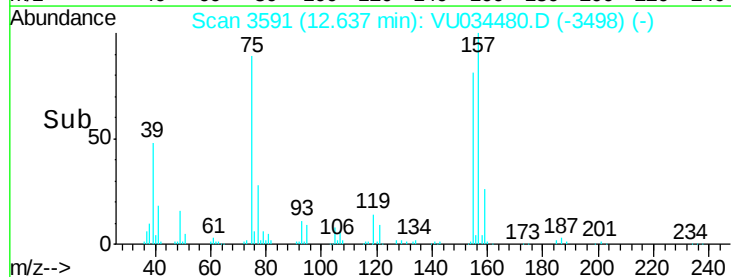
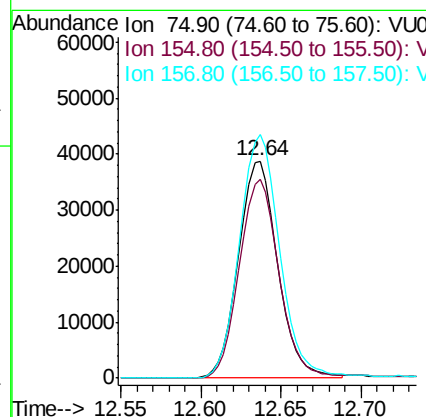
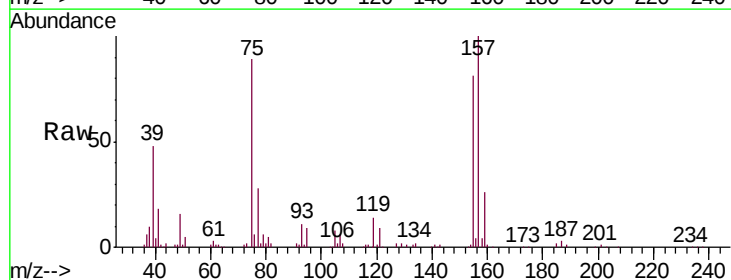
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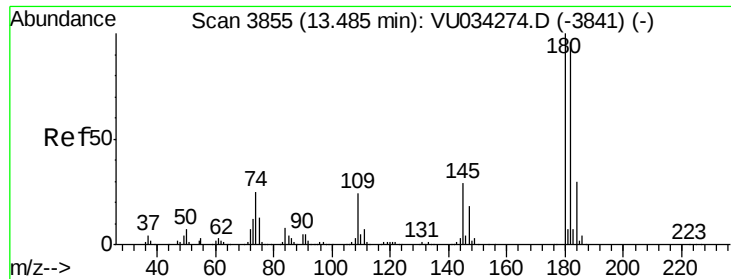
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 53.874 ug/l  
 RT: 12.64 min Scan# 3591  
 Delta R.T. 0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.1  | 44.6  | 134.0 |
| 157     | 115.4 | 58.2  | 174.6 |





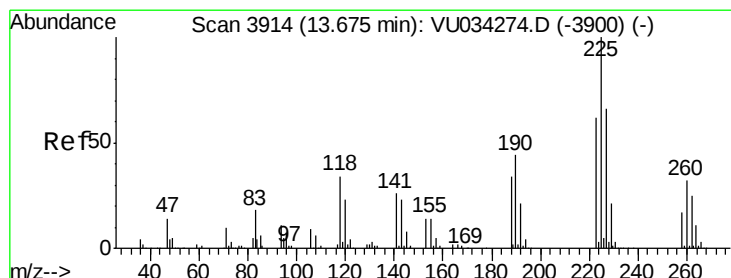
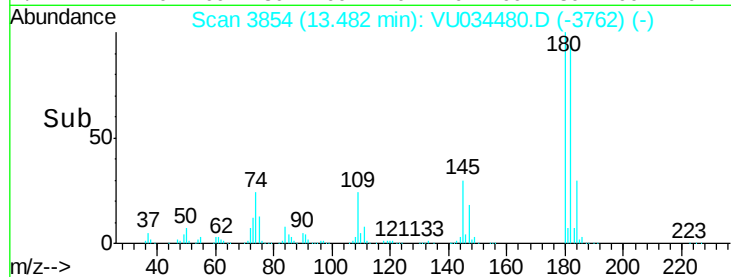
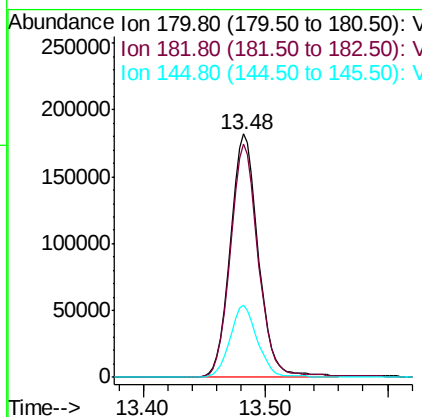
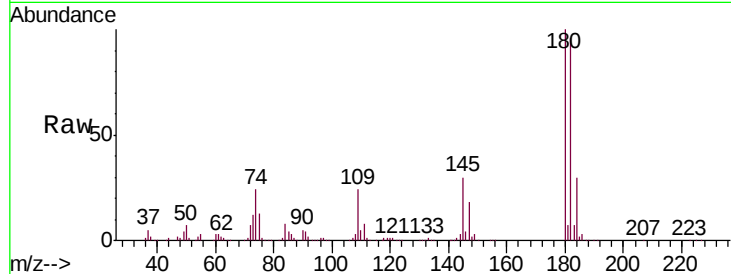
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.574 ug/l  
 RT: 13.48 min Scan# 3854  
 Delta R.T. -0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 292563 |       |       |
| 182     | 95.7  | 47.9   | 143.8 |       |
| 145     | 29.3  | 14.4   | 43.0  |       |

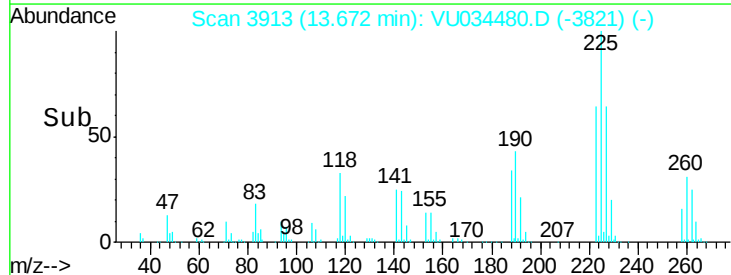
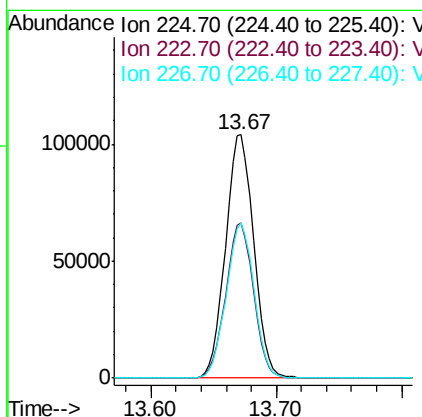
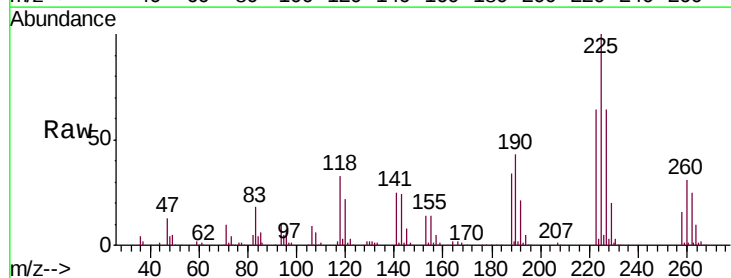
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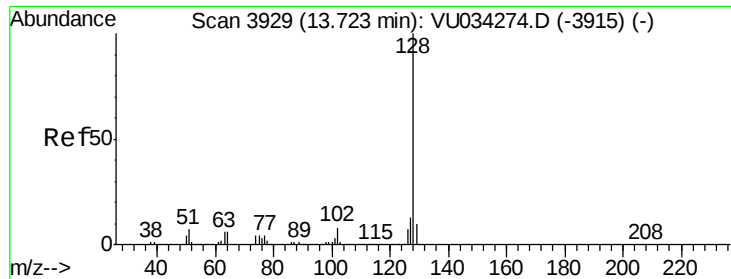
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 9/13/2019 6:57:23 AM



#94  
 Hexachlorobutadiene  
 Concen: 56.950 ug/l  
 RT: 13.67 min Scan# 3913  
 Delta R.T. -0.00 min  
 Lab File: VU034480.D  
 Acq: 11 Sep 2019 17:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 162204 |       |       |
| 223     | 62.7  | 31.6   | 94.7  |       |
| 227     | 62.7  | 32.3   | 96.8  |       |





#95

Naphthalene

Concen: 46.078 ug/l

RT: 13.72 min Scan# 3928

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

Instrument :

MSVOA\_U

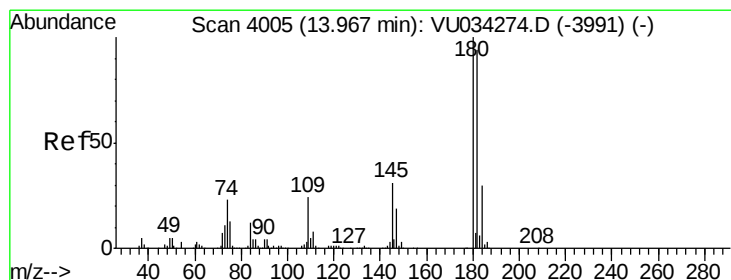
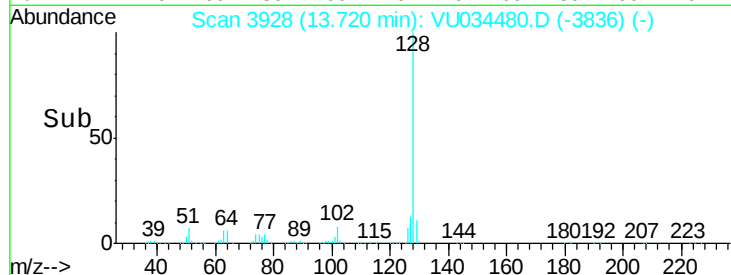
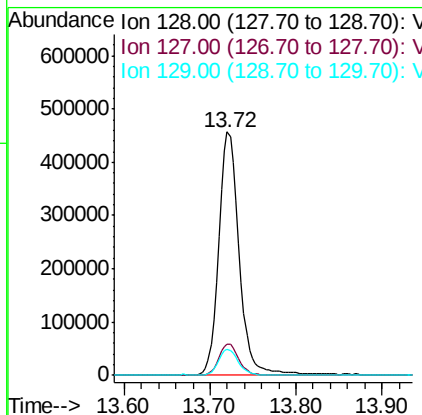
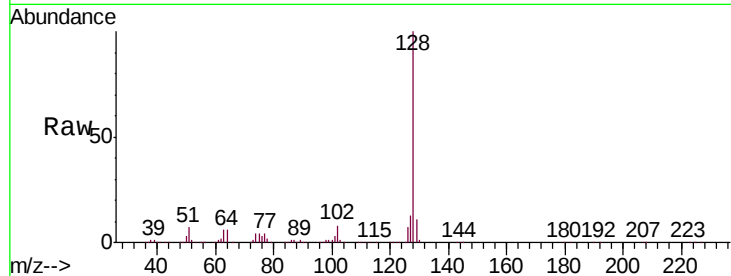
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 760635 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.8  | 10.6  | 15.8   |
| 129       | 10.2  | 8.4   | 12.6   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 51.072 ug/l

RT: 13.96 min Scan# 4004

Delta R.T. -0.00 min

Lab File: VU034480.D

Acq: 11 Sep 2019 17:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 291645 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.2  | 48.4  | 145.0  |
| 145       | 29.8  | 15.4  | 46.4   |

