

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081519\  
 Data File : VU033805.D  
 Acq On : 15 Aug 2019 12:14  
 Operator : JC/SP  
 Sample : MDL04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

Manual Integrations  
 APPROVED

MMDadoda  
 8/16/2019 12:45:15 PM

Quant Time: Aug 16 12:09:49 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SFAMUTR081419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 16 01:09:16 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 170595   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 175283   | 5.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 80558    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 84350    | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 87.40%  |
| 7) Chloroethane-d5             | 1.67   | 69    | 72281    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 65    | 39866    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 89.80%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 197425   | 52.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.84% |
| 24) Chloroform-d               | 4.62   | 84    | 135177   | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 72995    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.80%  |
| 32) Benzene-d6                 | 5.32   | 84    | 253955   | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 85417    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.00% |
| 41) Toluene-d8                 | 7.55   | 98    | 210983   | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.20%  |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 30948    | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 91.60%  |
| 46) 2-Hexanone-d5              | 8.30   | 63    | 134092   | 49.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.58%  |
| 56) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 72736    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.60%  |
| 66) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 83340    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.20% |

## Target Compounds

| Target Compounds               | R.T. | QIon | Response | Conc  | Units  | Ovalue |
|--------------------------------|------|------|----------|-------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.20 | 85   | 5654     | 0.229 | ug/L   | 93     |
| 3) Chloromethane               | 1.32 | 50   | 6545     | 0.255 | ug/L   | 99     |
| 5) Vinyl chloride              | 1.39 | 62   | 6586     | 0.235 | ug/L # | 58     |
| 6) Bromomethane                | 1.62 | 94   | 4073     | 0.250 | ug/L   | 100    |
| 8) Chloroethane                | 1.69 | 64   | 4109     | 0.249 | ug/L   | 91     |
| 9) Trichlorofluoromethane      | 1.87 | 101  | 9296     | 0.243 | ug/L   | 98     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.27 | 101  | 6026     | 0.296 | ug/L   | 89     |
| 12) 1,1-Dichloroethene         | 2.27 | 96   | 6116     | 0.311 | ug/L # | 1      |
| 13) Acetone                    | 2.35 | 43   | 12141m   | 3.054 | ug/L   |        |
| 14) Carbon disulfide           | 2.46 | 76   | 16732    | 0.251 | ug/L   | 98     |
| 15) Methyl Acetate             | 2.62 | 43   | 3327     | 0.322 | ug/L   | 99     |
| 16) Methylene chloride         | 2.68 | 84   | 7638     | 0.333 | ug/L   | 97     |
| 17) Methyl tert-butyl Ether    | 2.99 | 73   | 11908    | 0.234 | ug/L # | 94     |
| 18) trans-1,2-Dichloroethene   | 2.96 | 96   | 6083     | 0.288 | ug/L   | 96     |
| 19) 1,1-Dichloroethane         | 3.42 | 63   | 7631     | 0.231 | ug/L   | 99     |
| 21) 2-Butanone                 | 4.30 | 43   | 9674m    | 1.965 | ug/L   |        |
| 22) cis-1,2-Dichloroethene     | 4.20 | 96   | 4440     | 0.247 | ug/L   | 88     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081519\  
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 Acq On : 15 Aug 2019 12:14  
 Operator : JC/SP  
 Sample : MDL04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

Manual Integrations  
 APPROVED

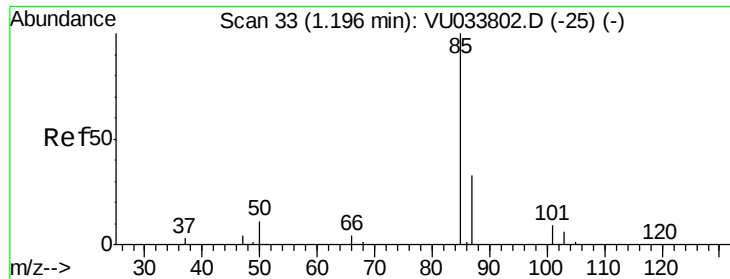
MMDadoda  
 8/16/2019 12:45:15 PM

Quant Time: Aug 16 12:09:49 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SFAMUTR081419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 16 01:09:16 2019  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|-------|------|----------|-------|--------|----------|
| 23) Bromochloromethane        | 4.53  | 128  | 2010     | 0.233 | ug/L   | 92       |
| 25) Chloroform                | 4.65  | 83   | 12603    | 0.355 | ug/L   | 95       |
| 27) 1,2-Dichloroethane        | 5.39  | 62   | 5273     | 0.241 | ug/L   | 96       |
| 29) 1,1,1-Trichloroethane     | 4.89  | 97   | 6653     | 0.233 | ug/L   | 95       |
| 30) Cyclohexane               | 4.96  | 56   | 4685     | 0.181 | ug/L   | 87       |
| 31) Carbon tetrachloride      | 5.11  | 117  | 6004     | 0.237 | ug/L   | 97       |
| 33) Benzene                   | 5.37  | 78   | 16079    | 0.229 | ug/L   | 100      |
| 34) Trichloroethene           | 6.17  | 95   | 4398     | 0.239 | ug/L   | 90       |
| 35) Methylcyclohexane         | 6.40  | 83   | 5814     | 0.211 | ug/L   | 95       |
| 37) 1,2-Dichloropropane       | 6.41  | 63   | 4359     | 0.230 | ug/L # | 93       |
| 38) Bromodichloromethane      | 6.74  | 83   | 6055     | 0.253 | ug/L # | 95       |
| 39) cis-1,3-Dichloropropene   | 7.25  | 75   | 5876     | 0.230 | ug/L   | 93       |
| 40) 4-Methyl-2-pentanone      | 7.45  | 43   | 21142    | 1.931 | ug/L # | 90       |
| 42) Toluene                   | 7.62  | 91   | 16365    | 0.222 | ug/L   | 94       |
| 44) trans-1,3-Dichloropropene | 7.87  | 75   | 4686     | 0.219 | ug/L   | 92       |
| 45) 1,1,2-Trichloroethane     | 8.05  | 97   | 3271     | 0.242 | ug/L   | 90       |
| 47) Tetrachloroethene         | 8.21  | 164  | 3474     | 0.227 | ug/L   | 96       |
| 48) 2-Hexanone                | 8.35  | 43   | 25571    | 3.230 | ug/L   | 93       |
| 49) Dibromochloromethane      | 8.46  | 129  | 3710     | 0.226 | ug/L   | 95       |
| 50) 1,2-Dibromoethane         | 8.57  | 107  | 2713     | 0.207 | ug/L # | 92       |
| 51) Chlorobenzene             | 9.10  | 112  | 11663    | 0.246 | ug/L   | 97       |
| 52) Ethylbenzene              | 9.23  | 91   | 15242    | 0.200 | ug/L   | 98       |
| 53) m,p-Xylene                | 9.36  | 106  | 5560     | 0.193 | ug/L   | 99       |
| 54) o-Xylene                  | 9.76  | 106  | 5202     | 0.191 | ug/L   | 99       |
| 55) Styrene                   | 9.78  | 104  | 7432     | 0.157 | ug/L   | 90       |
| 57) 1,1,2,2-Tetrachloroethane | 10.44 | 83   | 4063     | 0.229 | ug/L # | 95       |
| 59) Isopropylbenzene          | 10.15 | 105  | 12683    | 0.207 | ug/L   | 97       |
| 60) Bromoform                 | 9.94  | 173  | 2009     | 0.244 | ug/L # | 97       |
| 61) 1,2,3-Trichloropropane    | 10.48 | 75   | 3079     | 0.288 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 10.76 | 105  | 9504     | 0.191 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 11.13 | 105  | 9112     | 0.183 | ug/L   | 96       |
| 64) 1,3-Dichlorobenzene       | 11.40 | 146  | 8275     | 0.252 | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 11.49 | 146  | 8886     | 0.263 | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 11.86 | 146  | 8281     | 0.261 | ug/L   | 97       |
| 69) 1,3,5-Trichlorobenzene    | 12.88 | 180  | 6613m    | 0.256 | ug/L   |          |
| 70) 1,2,4-trichlorobenzene    | 13.50 | 180  | 3925m    | 0.195 | ug/L   |          |
| 71) Naphthalene               | 13.74 | 128  | 5945m    | 0.192 | ug/L   |          |
| 72) 1,2,3-Trichlorobenzene    | 13.98 | 180  | 4073m    | 0.215 | ug/L   |          |

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





#2

Dichlorodifluoromethane

Concen: 0.229 ug/L

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

Instrument :

MSVOA\_U

ClientSampled :

MDL04

Tot Ion: 85 Resp: 5654

Ion Ratio Lower Upper

85 100

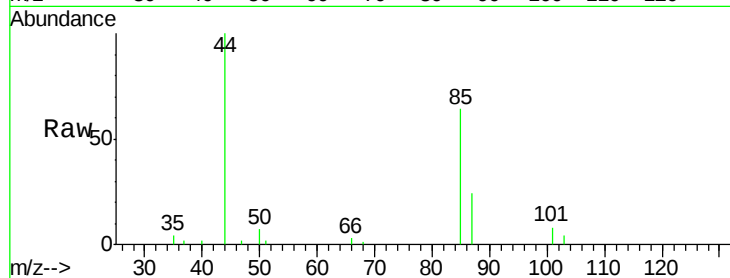
87 36.0 25.6 38.4

Manual Integrations

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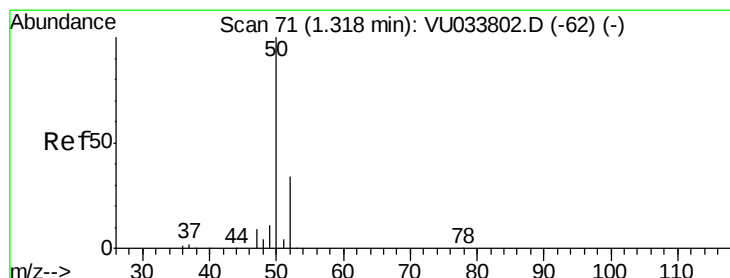
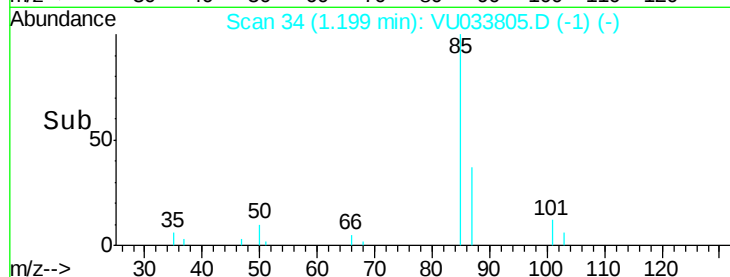
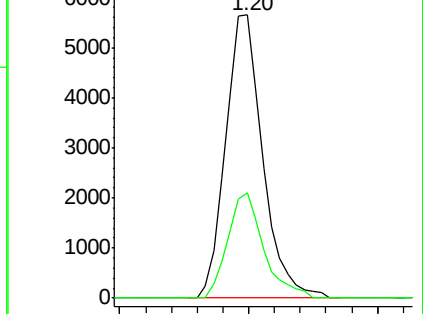
MMDadoda

8/16/2019 12:45:15 PM



Abundance Ion 85.00 (84.70 to 85.70): VU033805.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU033805.D (-1) (-)



#3

Chloromethane

Concen: 0.255 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU033805.D

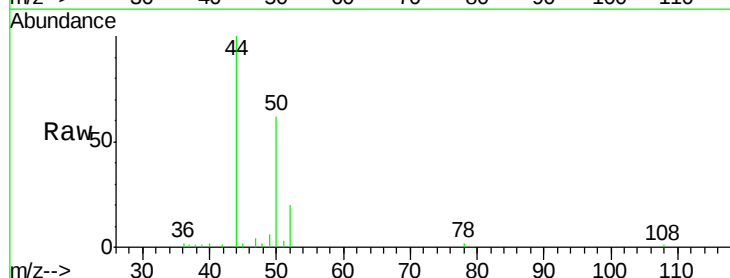
Acq: 15 Aug 2019 12:14

Tgt Ion: 50 Resp: 6545

Ion Ratio Lower Upper

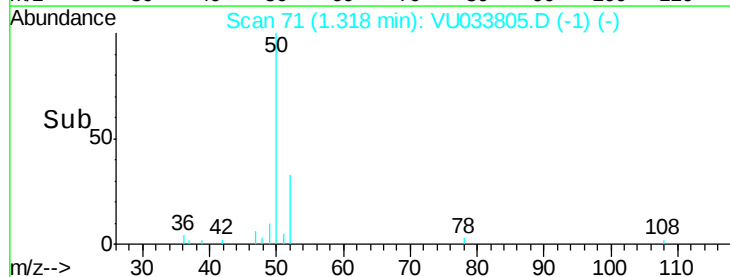
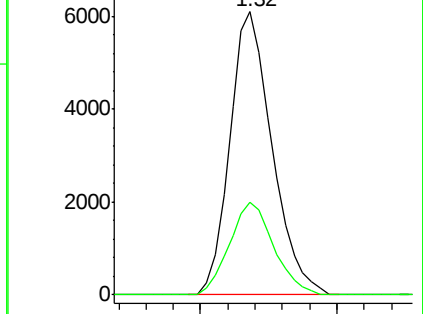
50 100

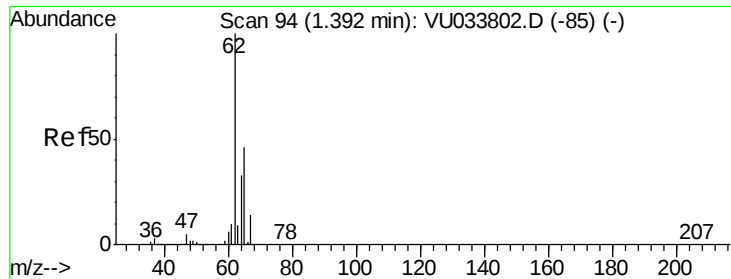
52 32.9 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VU033805.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU033805.D (-1) (-)





#5

Vinyl chloride

Concen: 0.235 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

Instrument :

MSVOA\_U

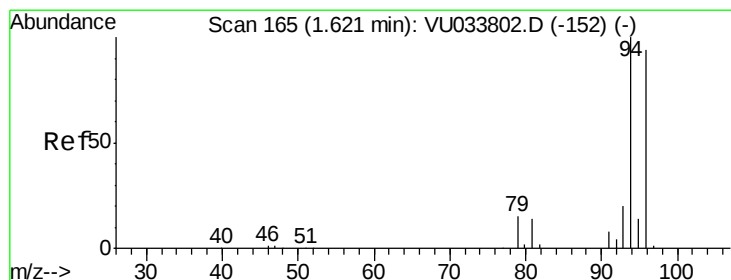
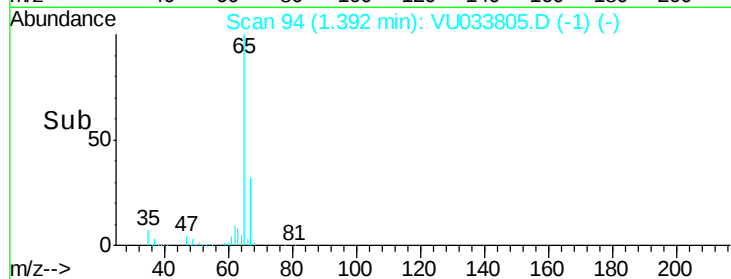
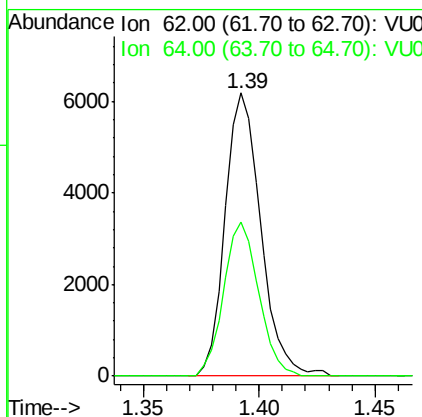
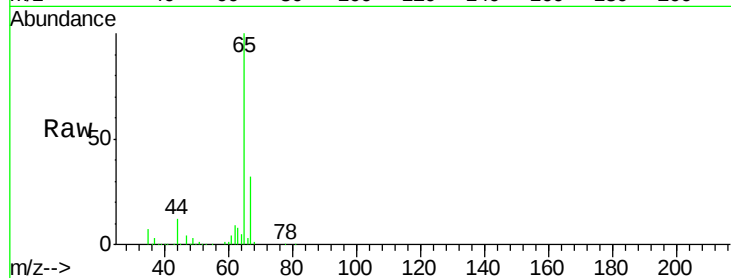
ClientSampleId :

MDL04

Tot Ion: 62 Resp: 6586  
 Ion Ratio Lower Upper  
 62 100  
 64 54.3 21.9 40.7#

Manual Integrations  
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 8/16/2019 12:45:15 PM



#6

Bromomethane

Concen: 0.250 ug/L

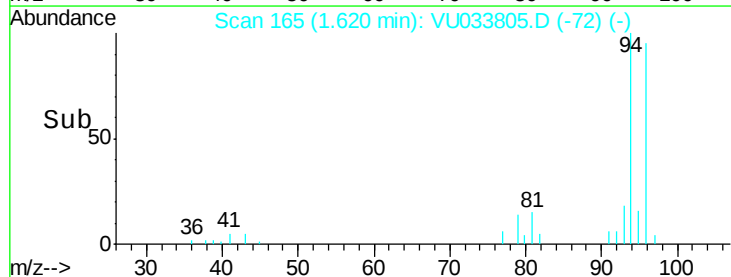
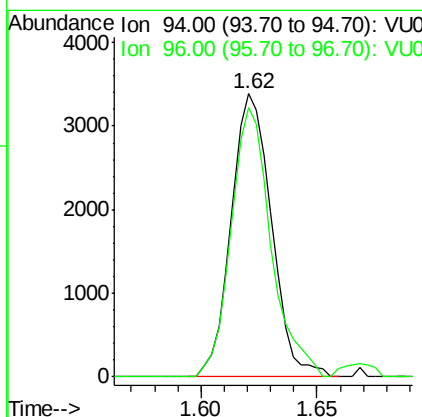
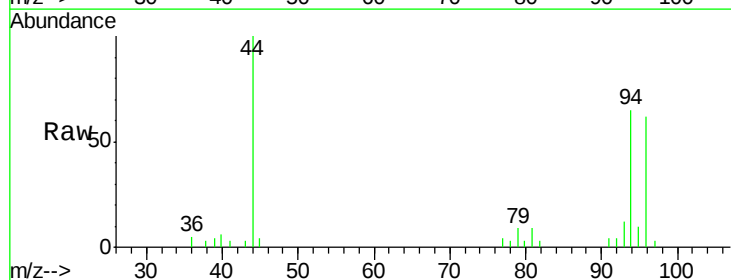
RT: 1.62 min Scan# 165

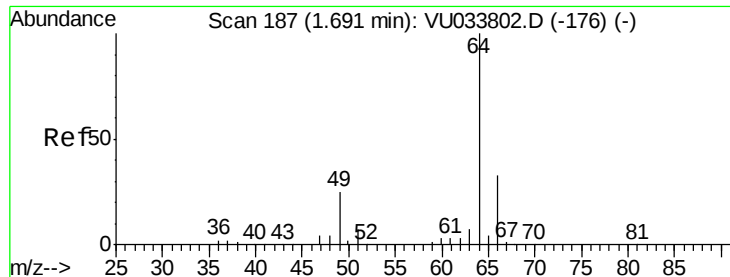
Delta R.T. -0.00 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

Tgt Ion: 94 Resp: 4073  
 Ion Ratio Lower Upper  
 94 100  
 96 95.3 66.4 123.2





#8

Chloroethane

Concen: 0.249 ug/L

RT: 1.69 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

Instrument :

MSVOA\_U

ClientSampleId :

MDL04

Tot Ion: 64 Resp: 4109

Ion Ratio Lower Upper

64 100

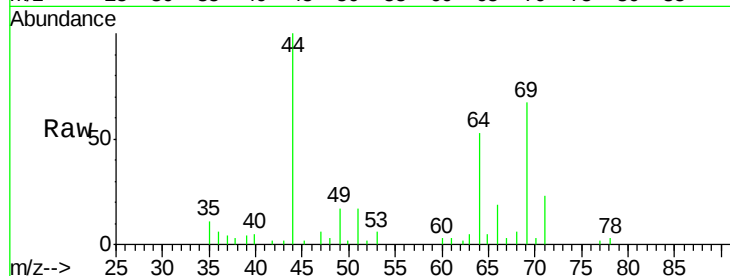
66 36.4 21.9 40.7

Manual Integrations

APPROVED

MMDadoda

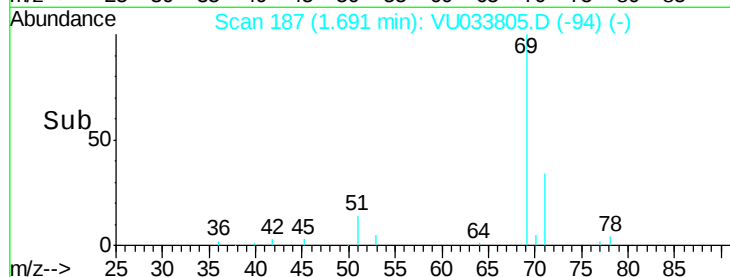
8/16/2019 12:45:15 PM



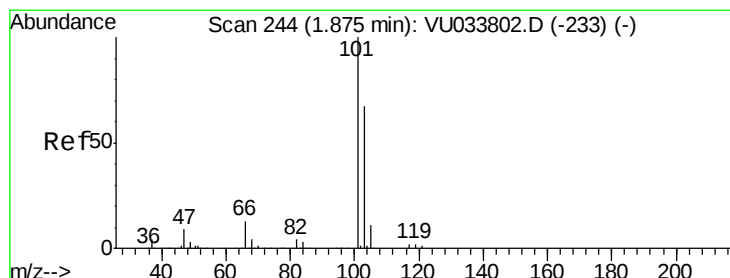
Abundance Ion 64.00 (63.70 to 64.70): VU033805.D (-176) (-)

Ion 66.00 (65.70 to 66.70): VU033805.D (-176) (-)

Time-->



Time-->



#9

Trichlorofluoromethane

Concen: 0.243 ug/L

RT: 1.87 min Scan# 244

Delta R.T. -0.00 min

Lab File: VU033805.D

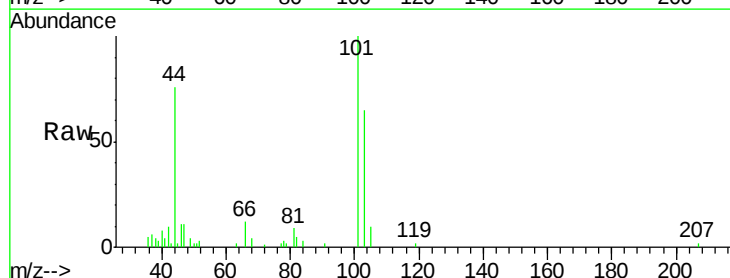
Acq: 15 Aug 2019 12:14

Tgt Ion: 101 Resp: 9296

Ion Ratio Lower Upper

101 100

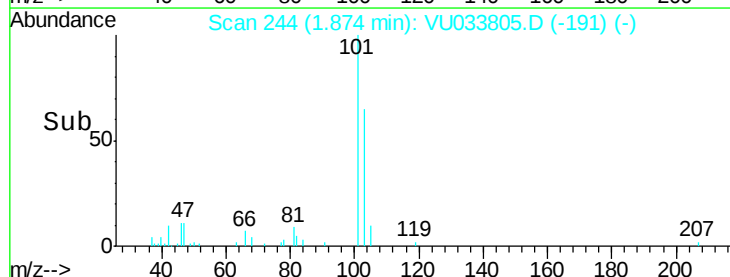
103 63.6 52.3 78.5



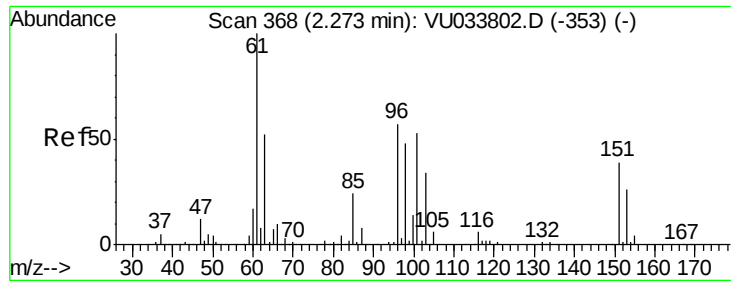
Abundance Ion 101.00 (100.70 to 101.70): VU033805.D (-233) (-)

Ion 103.00 (102.70 to 103.70): VU033805.D (-233) (-)

Time-->



Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.296 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

Instrument :

MSVOA\_U

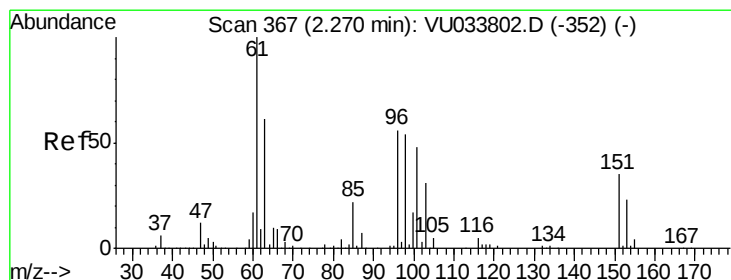
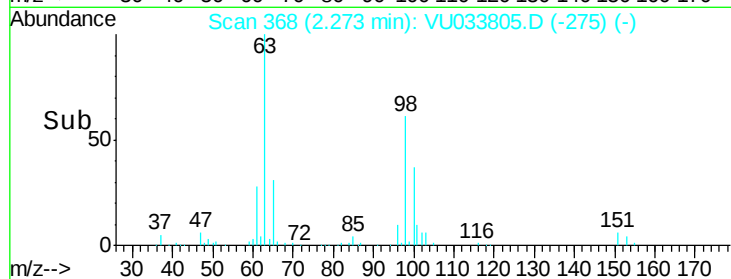
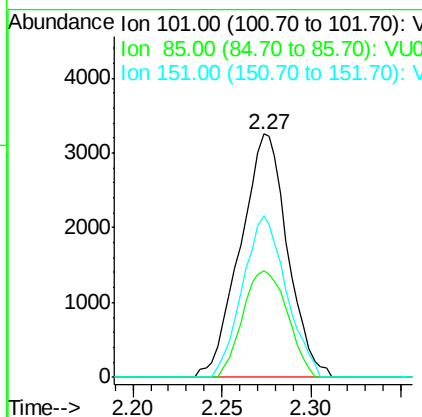
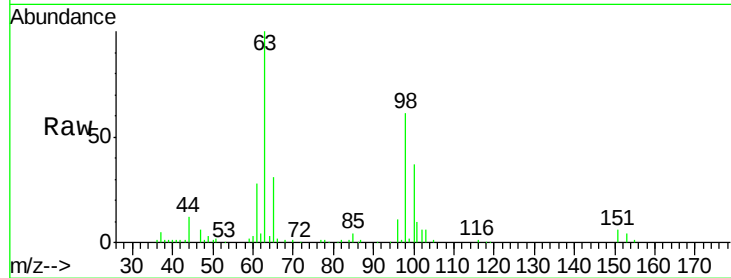
ClientSampleId :

MDL04

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 101   | Resp: | 6026 |
| Ion Ratio | Lower | Upper |      |
| 101       | 100   |       |      |
| 85        | 41.2  | 36.2  | 54.2 |
| 151       | 61.3  | 58.7  | 88.1 |

Manual Integrations  
APPROVED

MMDadoda  
8/16/2019 12:45:15 PM



#12

1,1-Dichloroethene

Concen: 0.311 ug/L

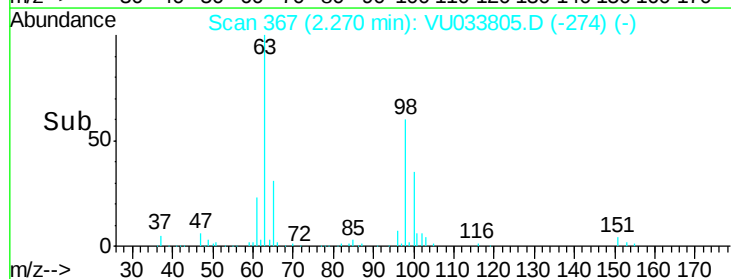
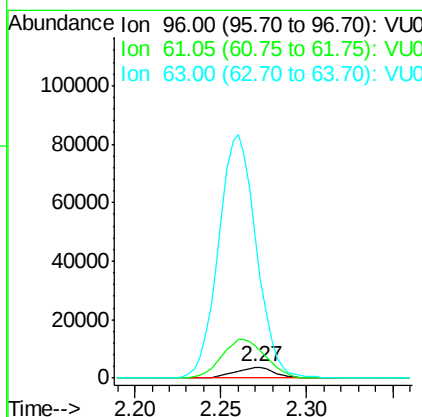
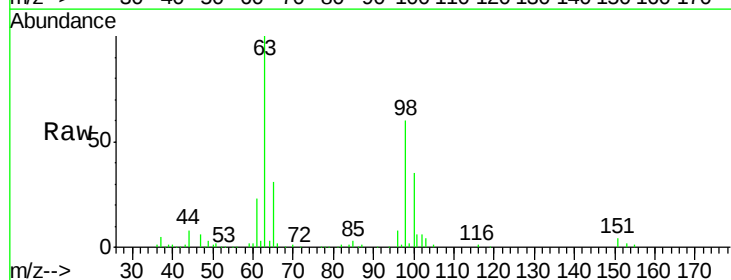
RT: 2.27 min Scan# 367

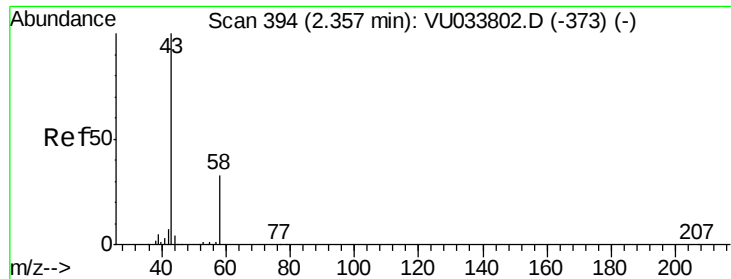
Delta R.T. -0.00 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

|           |        |       |        |
|-----------|--------|-------|--------|
| Tgt Ion:  | 96     | Resp: | 6116   |
| Ion Ratio | Lower  | Upper |        |
| 96        | 100    |       |        |
| 61        | 305.2  | 123.8 | 230.0# |
| 63        | 1323.7 | 78.0  | 144.9# |





#13

Acetone

Concen: 3.054 ug/L m

RT: 2.35 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

Instrument :

MSVOA\_U

ClientSampled :

MDL04

Tot Ion: 43 Resp: 12141

Ion Ratio Lower Upper

43 100

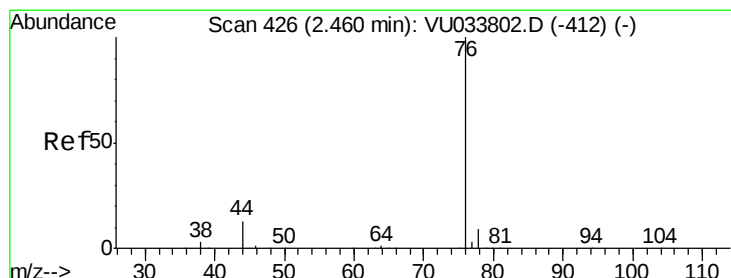
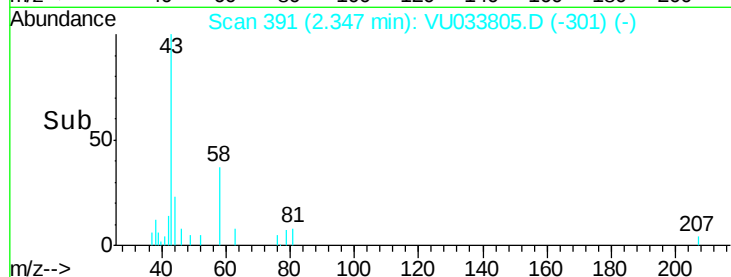
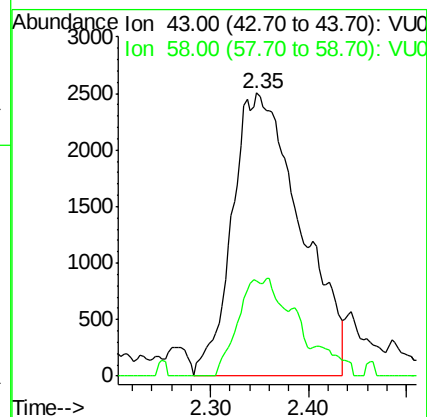
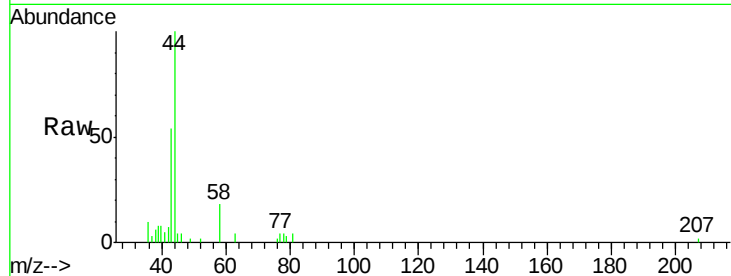
58 0.6 0.0 27.0

Manual Integrations

APPROVED

MMDadoda

8/16/2019 12:45:15 PM



#14

Carbon disulfide

Concen: 0.251 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033805.D

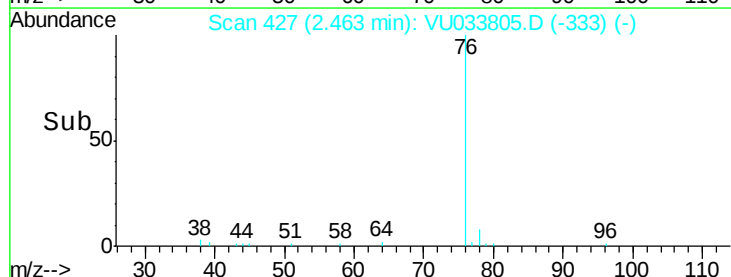
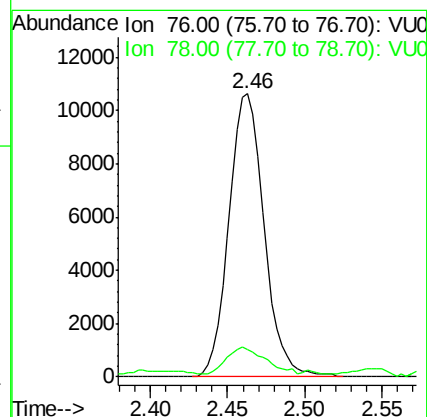
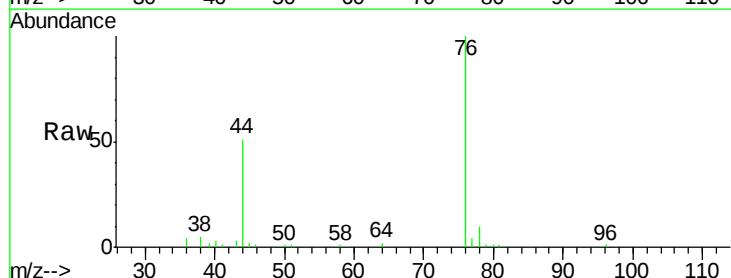
Acq: 15 Aug 2019 12:14

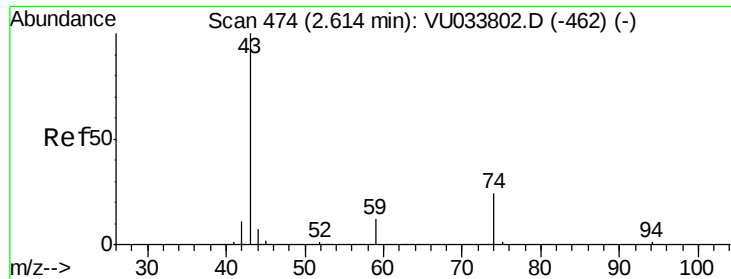
Tgt Ion: 76 Resp: 16732

Ion Ratio Lower Upper

76 100

78 9.9 7.2 10.8





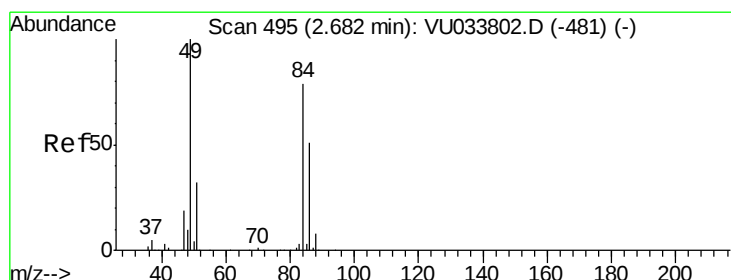
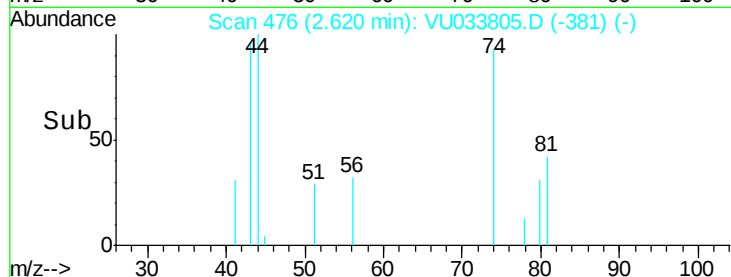
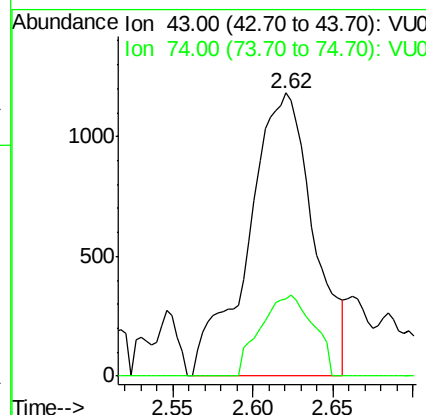
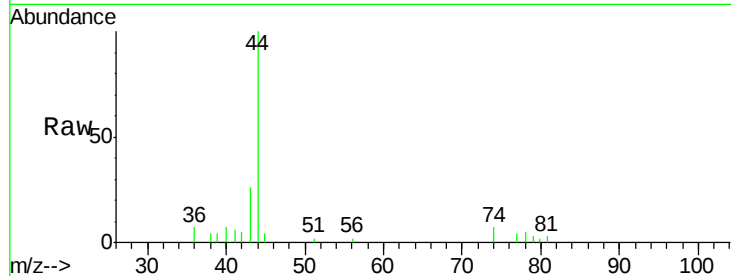
#15  
Methyl Acetate  
Concen: 0.322 ug/L  
RT: 2.62 min Scan# 476  
Delta R.T. 0.01 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

Instrument :  
MSVOA\_U  
ClientSampled :  
MDL04

| Tot Ion   | 43  | 74   | Resp | 3327 | Lower | Upper |
|-----------|-----|------|------|------|-------|-------|
| Ion Ratio | 100 | 23.2 |      |      |       |       |
|           |     | 18.8 |      |      | 28.2  |       |

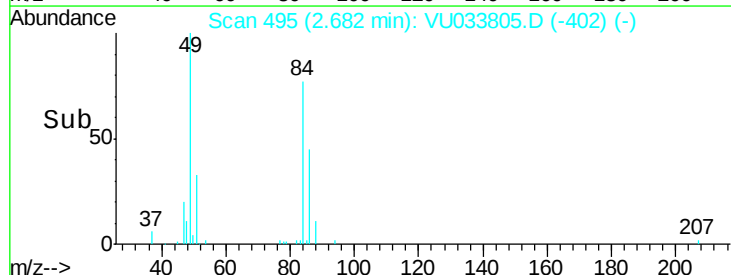
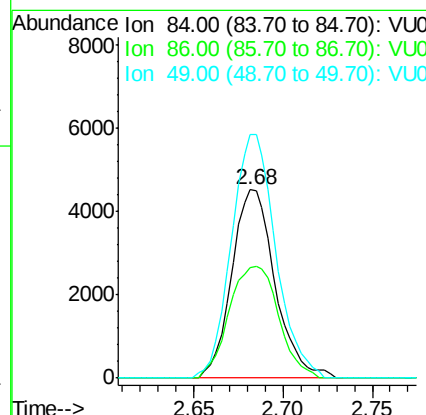
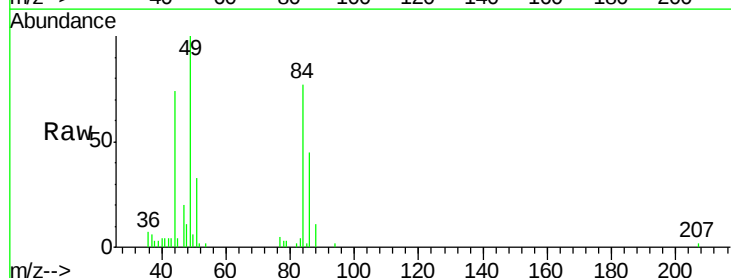
Manual Integrations  
APPROVED

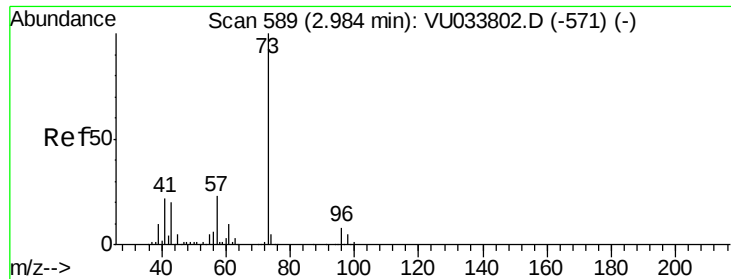
MMDadoda  
8/16/2019 12:45:15 PM



#16  
Methylene chloride  
Concen: 0.333 ug/L  
RT: 2.68 min Scan# 495  
Delta R.T. -0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

| Tgt Ion   | 84  | 49    | Resp | 7638 | Lower | Upper |
|-----------|-----|-------|------|------|-------|-------|
| Ion Ratio | 100 | 129.1 |      |      |       |       |
|           |     | 90.4  |      |      | 168.0 |       |





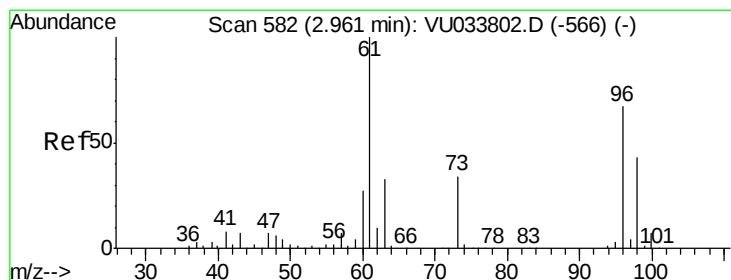
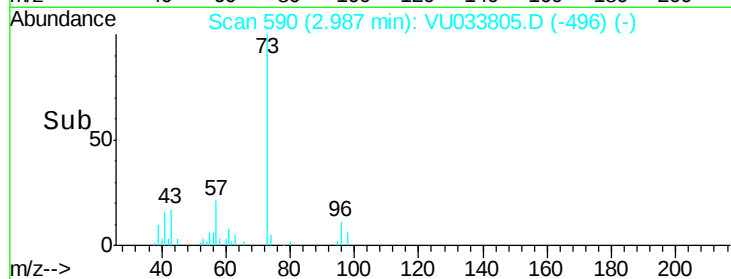
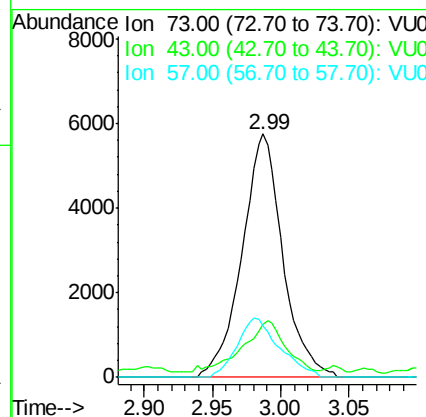
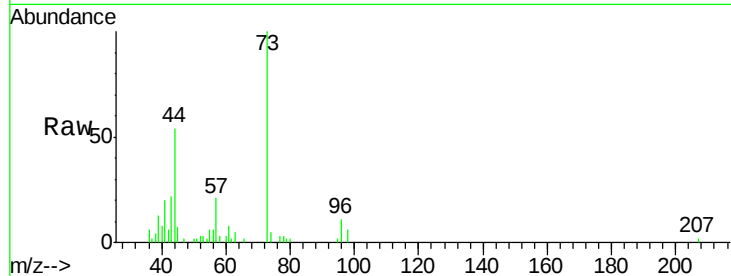
#17  
Methvl tert-butvl Ether  
Concen: 0.234 ug/L  
RT: 2.99 min Scan# 590  
Delta R.T. 0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 43      | 24.9  | 16.2  | 24.4# |
| 57      | 25.2  | 18.9  | 28.3  |

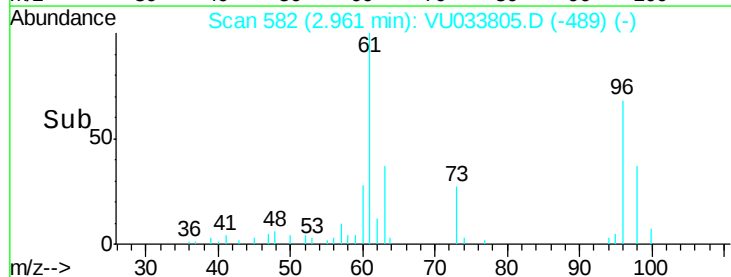
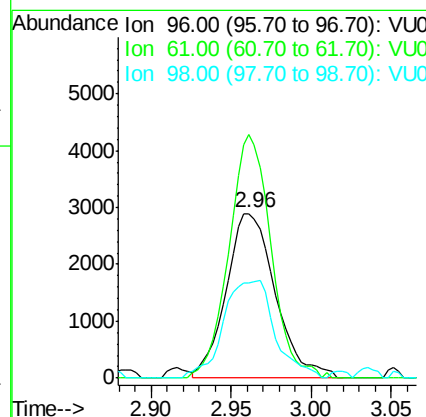
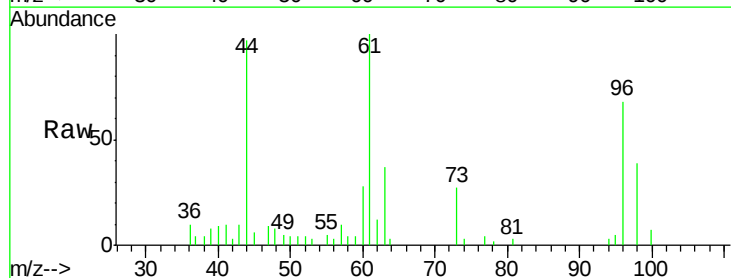
Manual Integrations  
APPROVED

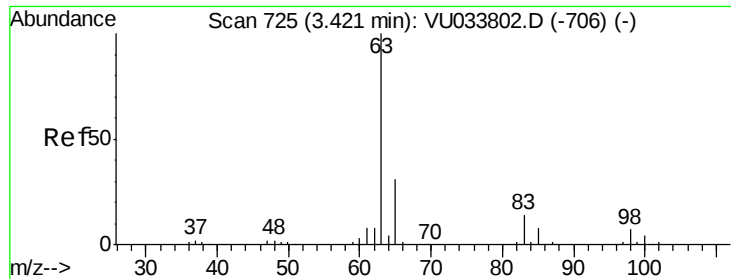
MMDadoda  
8/16/2019 12:45:15 PM



#18  
trans-1,2-Dichloroethene  
Concen: 0.288 ug/L  
RT: 2.96 min Scan# 582  
Delta R.T. -0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 147.9 | 107.2 | 199.0 |
| 98      | 58.0  | 43.0  | 79.8  |





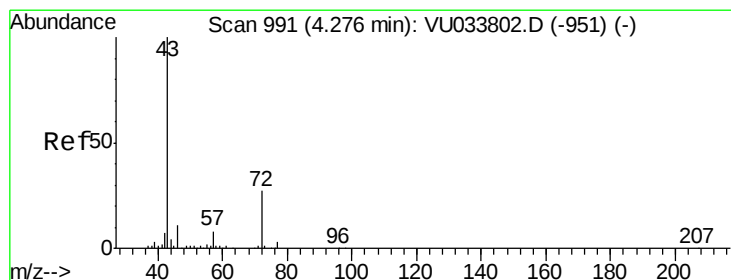
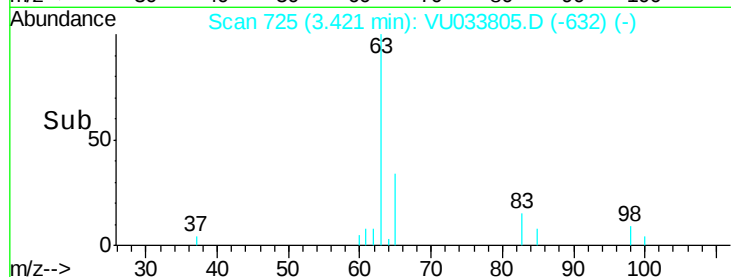
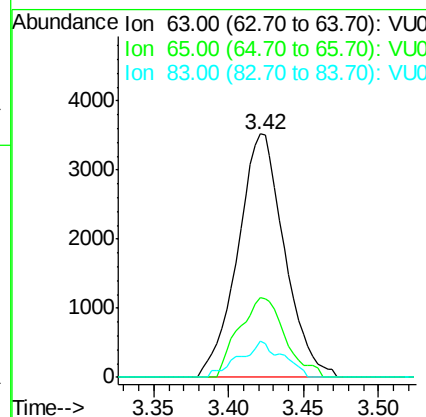
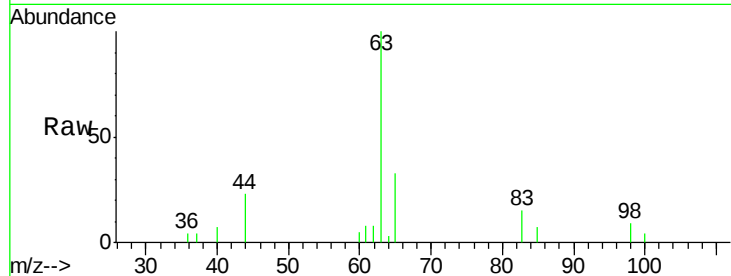
#19  
 1,1-Dichloroethane  
 Concen: 0.231 ug/L  
 RT: 3.42 min Scan# 725  
 Delta R.T. -0.00 min  
 Lab File: VU033805.D  
 Acq: 15 Aug 2019 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 63    | Resp: | 7631  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 32.7  | 22.4  | 41.6  |
| 83       | 14.6  | 9.7   | 17.9  |

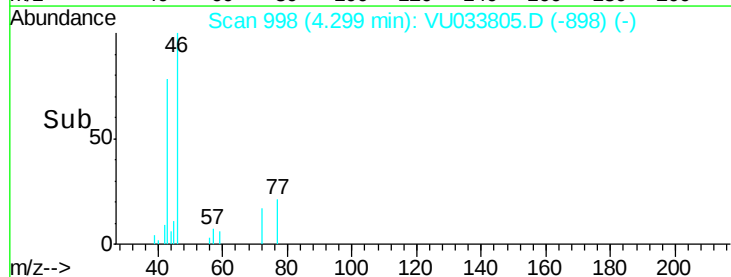
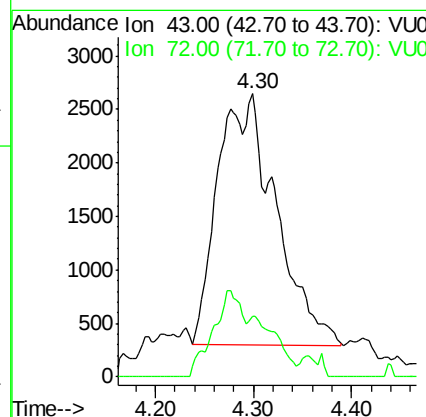
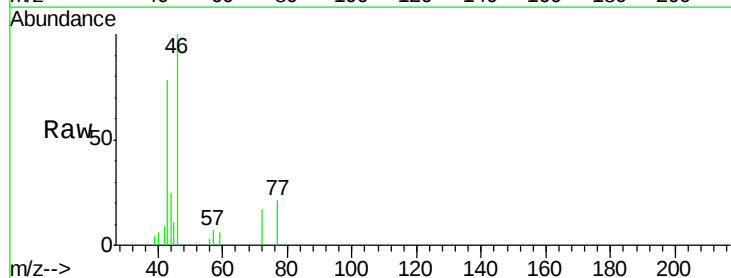
Manual Integrations  
 APPROVED

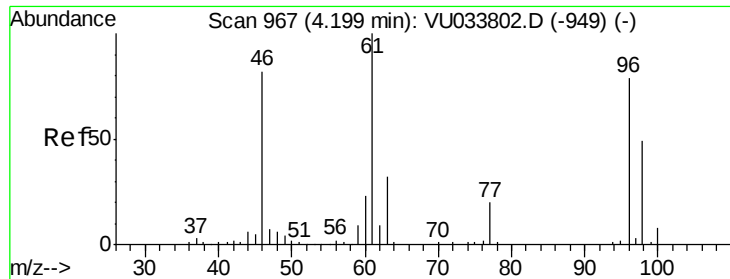
MMDadoda  
 8/16/2019 12:45:15 PM



#21  
 2-Butanone  
 Concen: 1.965 ug/L m  
 RT: 4.30 min Scan# 998  
 Delta R.T. 0.02 min  
 Lab File: VU033805.D  
 Acq: 15 Aug 2019 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 9674  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 17.4  | 13.1  | 39.1  |





#22

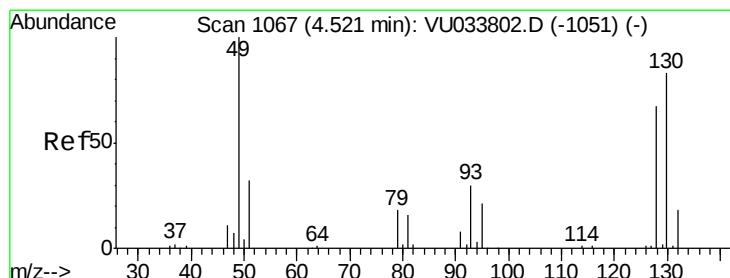
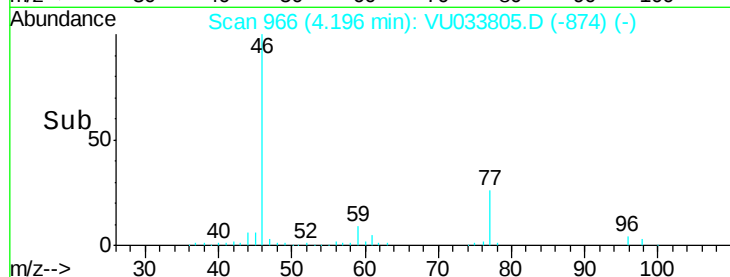
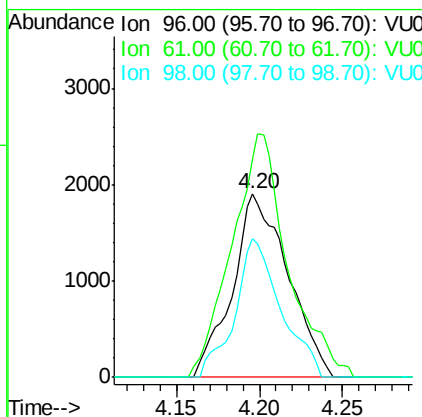
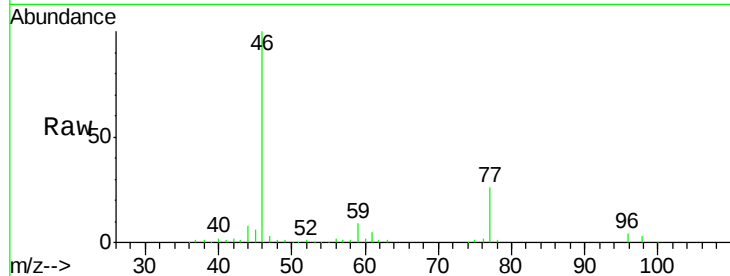
cis-1,2-Dichloroethene  
Concen: 0.247 ug/L  
RT: 4.20 min Scan# 966  
Delta R.T. -0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 118.9 | 91.7  | 170.3 |
| 98      | 75.7  | 45.1  | 83.9  |

Manual Integrations  
APPROVED

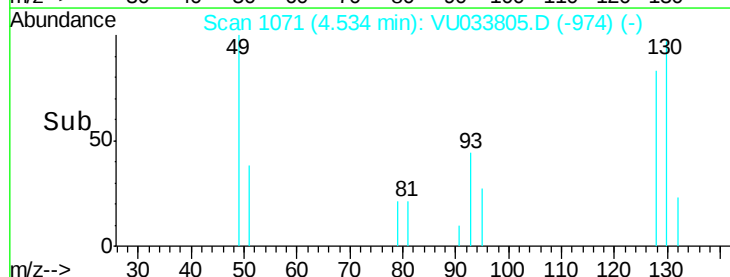
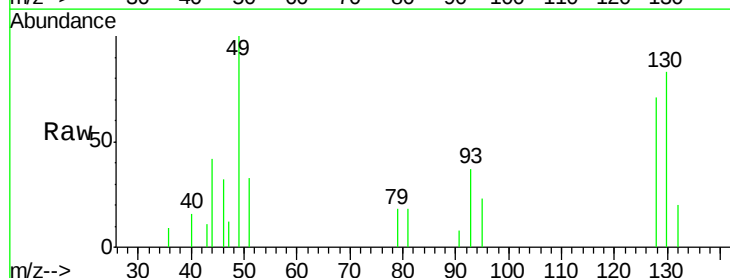
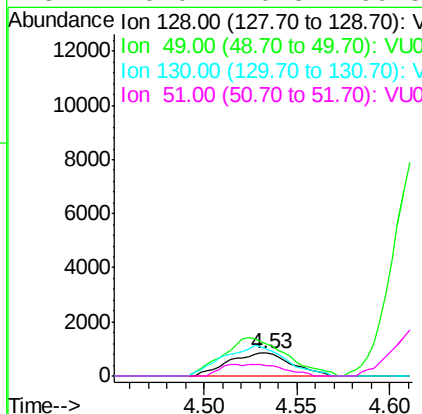
MMDadoda  
8/16/2019 12:45:15 PM

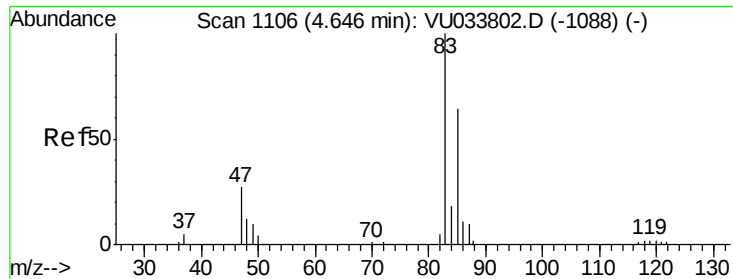


#23

Bromochloromethane  
Concen: 0.233 ug/L  
RT: 4.53 min Scan# 1071  
Delta R.T. 0.01 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 49      | 140.8 | 106.8 | 198.4 |
| 130     | 116.9 | 88.3  | 164.1 |
| 51      | 46.0  | 40.3  | 60.5  |





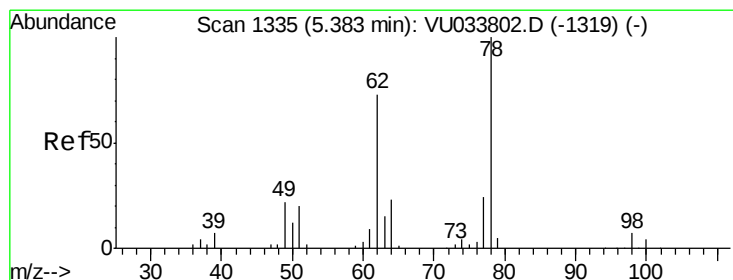
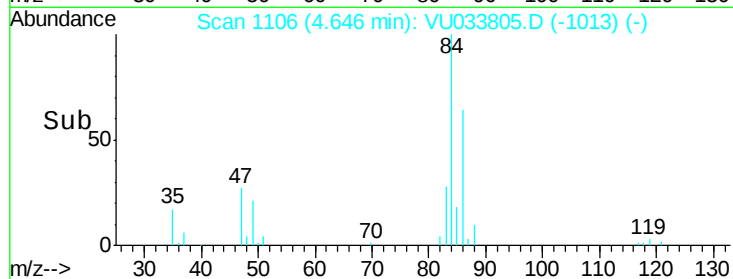
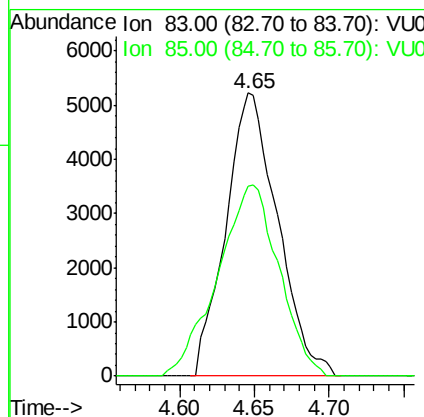
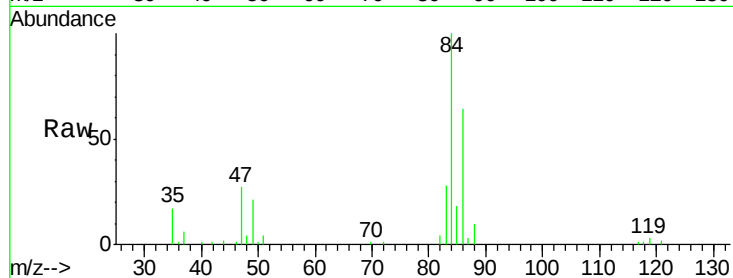
#25  
Chloroform  
Concen: 0.355 ug/L  
RT: 4.65 min Scan# 1106  
Delta R.T. -0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

| Tot Ion   | 83   | Resp  | 12603 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 85        | 67.1 | 44.2  | 82.0  |

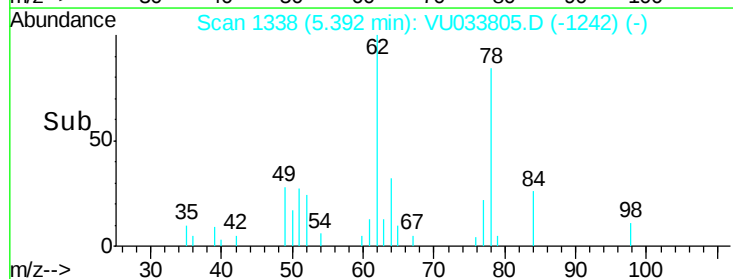
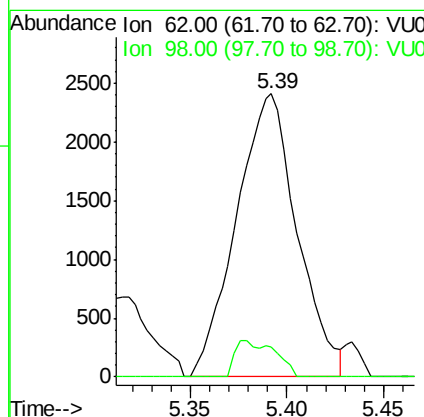
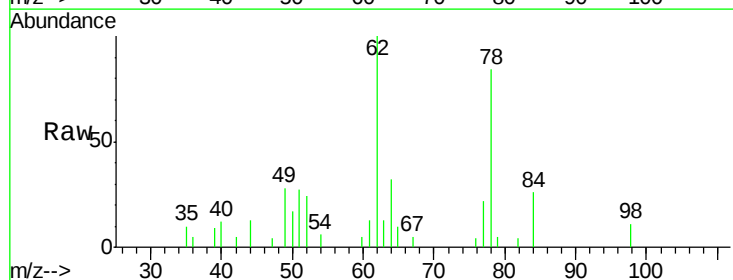
Manual Integrations  
APPROVED

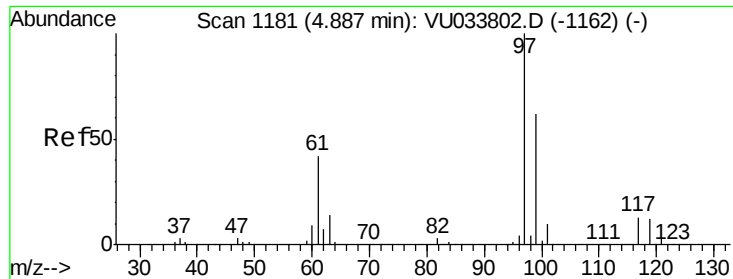
MMDadoda  
8/16/2019 12:45:15 PM



#27  
1,2-Dichloroethane  
Concen: 0.241 ug/L  
RT: 5.39 min Scan# 1338  
Delta R.T. 0.01 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

| Tgt Ion   | 62   | Resp  | 5273  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 98        | 10.6 | 7.4   | 11.0  |





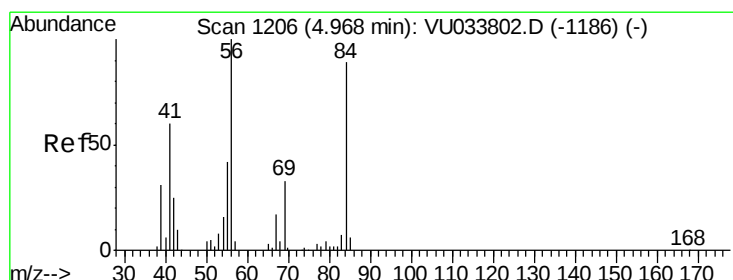
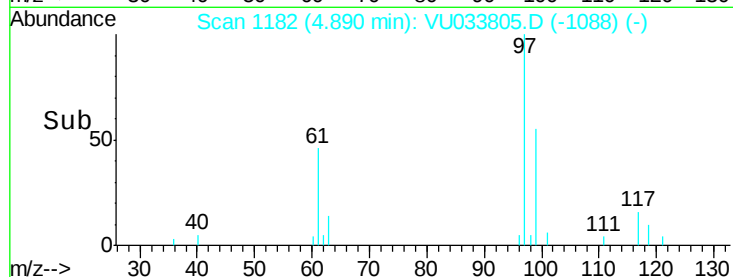
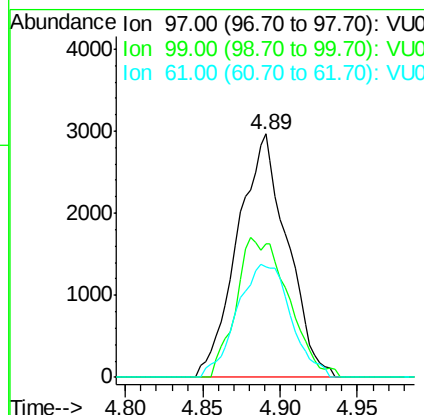
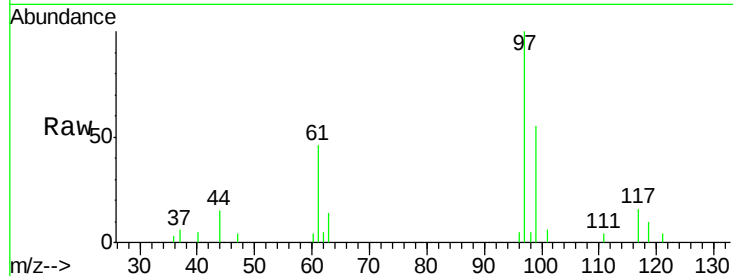
#29  
 1,1,1-Trichloroethane  
 Concen: 0.233 ug/L  
 RT: 4.89 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: VU033805.D  
 Acq: 15 Aug 2019 12:14

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 MDL04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 59.9  | 50.8  | 76.2  |
| 61      | 49.7  | 37.4  | 56.0  |

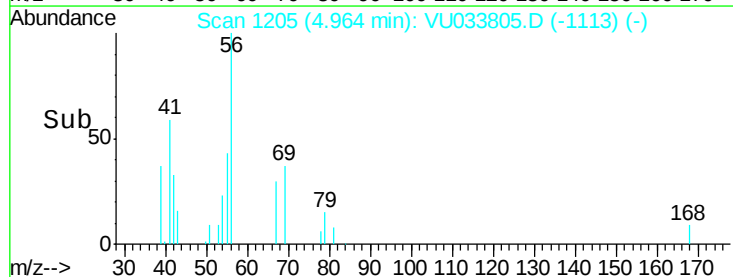
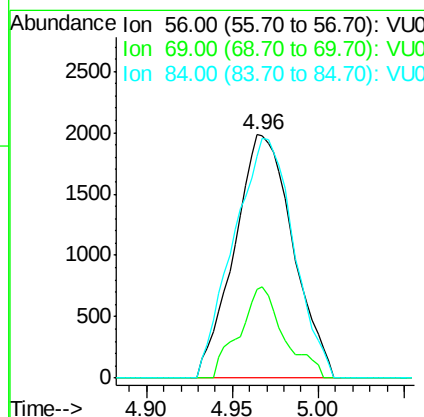
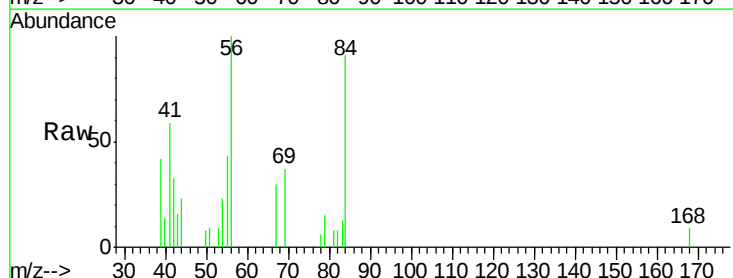
Manual Integrations  
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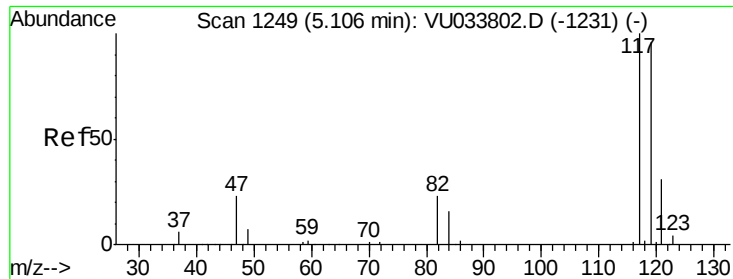
MMDadoda  
 8/16/2019 12:45:15 PM



#30  
 Cyclohexane  
 Concen: 0.181 ug/L  
 RT: 4.96 min Scan# 1205  
 Delta R.T. -0.00 min  
 Lab File: VU033805.D  
 Acq: 15 Aug 2019 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 28.4  | 25.2  | 37.8  |
| 84      | 101.2 | 69.8  | 104.6 |





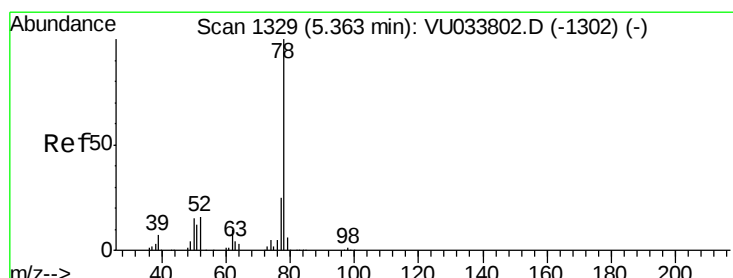
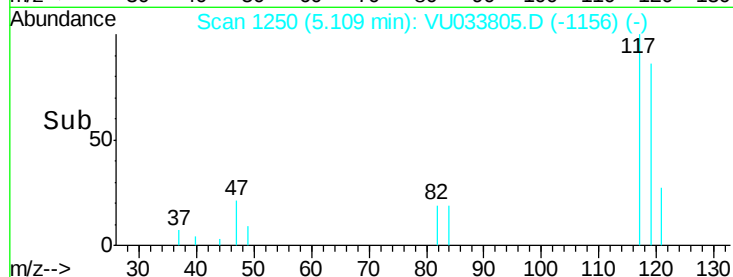
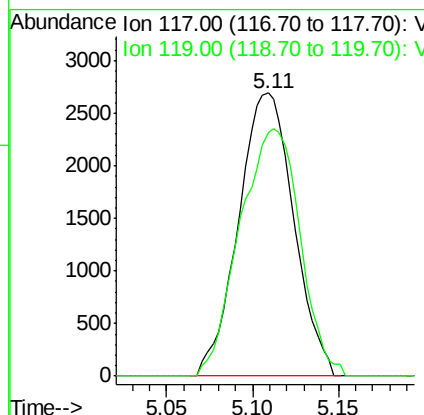
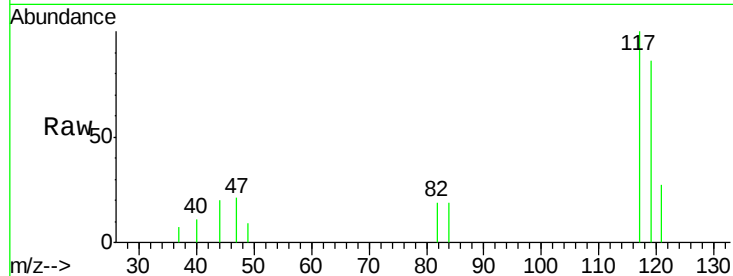
#31  
Carbon tetrachloride  
Concen: 0.237 ug/L  
RT: 5.11 min Scan# 1250  
Delta R.T. 0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

Tot Ion:117 Resp: 6004  
Ion Ratio Lower Upper  
117 100  
119 94.9 78.5 117.7

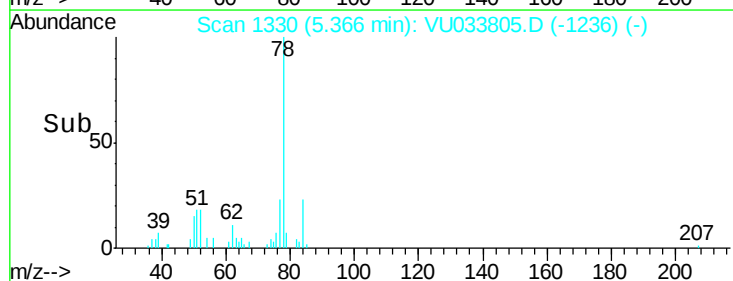
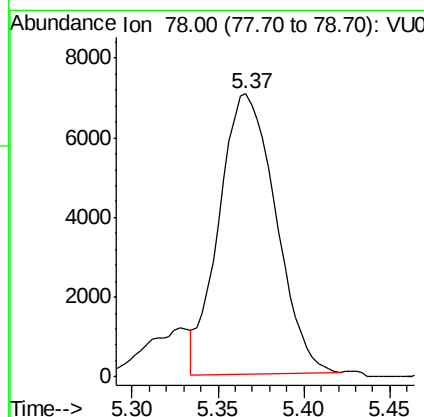
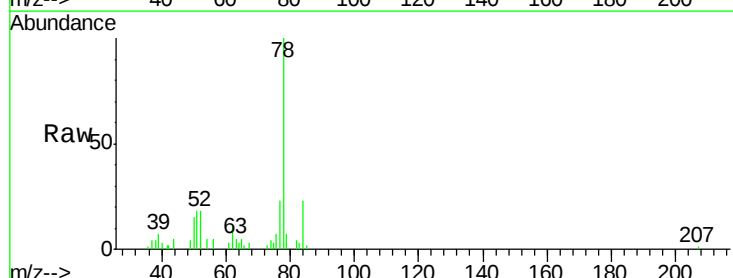
Manual Integrations  
APPROVED

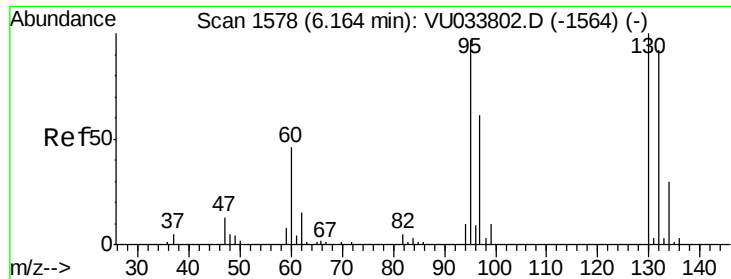
MMDadoda  
8/16/2019 12:45:15 PM



#33  
Benzene  
Concen: 0.229 ug/L  
RT: 5.37 min Scan# 1330  
Delta R.T. 0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

Tgt Ion: 78 Resp: 16079





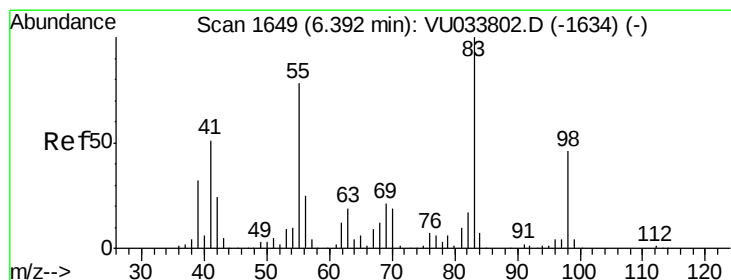
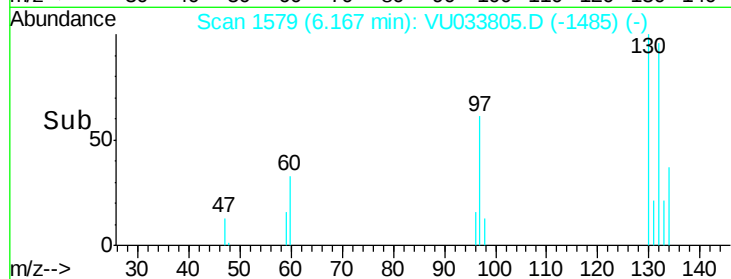
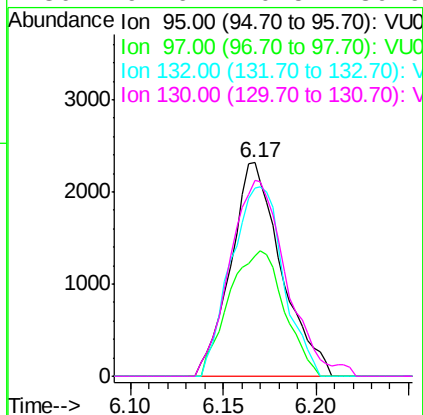
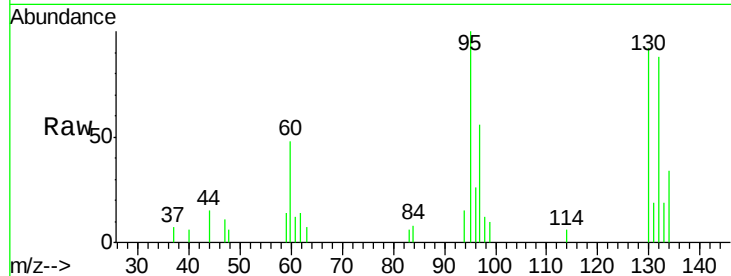
#34  
 Trichloroethene  
 Concen: 0.239 ug/L  
 RT: 6.17 min Scan# 1579  
 Delta R.T. 0.00 min  
 Lab File: VU033805.D  
 Acq: 15 Aug 2019 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 95    | Resp: | 4398  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 56.2  | 45.4  | 84.4  |
| 132      | 88.1  | 68.9  | 127.9 |
| 130      | 91.6  | 70.5  | 130.9 |

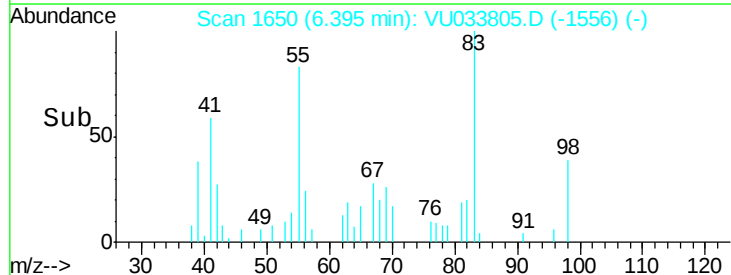
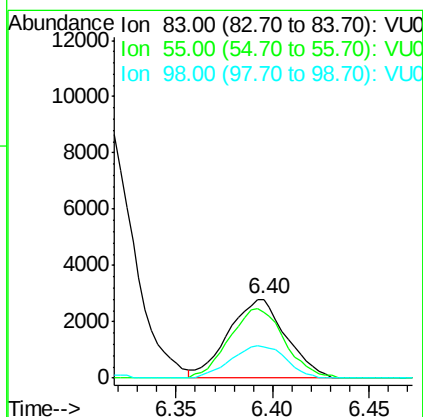
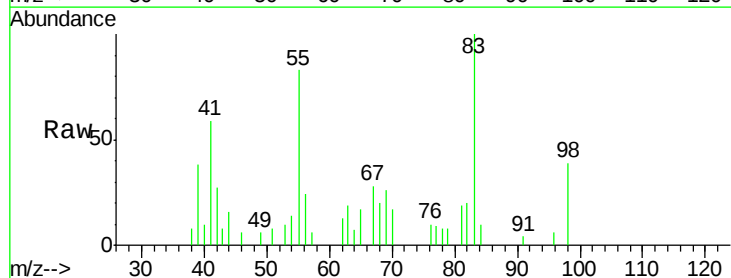
Manual Integrations  
 APPROVED

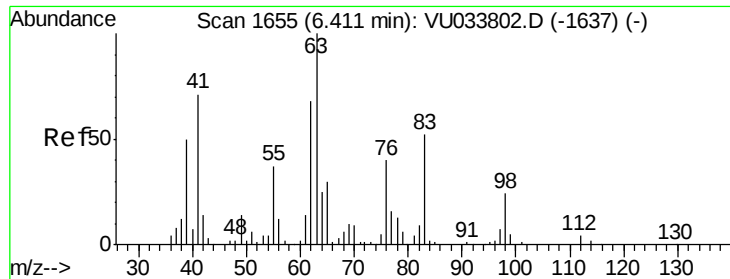
MMDadoda  
 8/16/2019 12:45:15 PM



#35  
 Methylcyclohexane  
 Concen: 0.211 ug/L  
 RT: 6.40 min Scan# 1650  
 Delta R.T. 0.00 min  
 Lab File: VU033805.D  
 Acq: 15 Aug 2019 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 5814  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 84.2  | 65.0  | 97.6  |
| 98       | 39.1  | 36.2  | 54.4  |





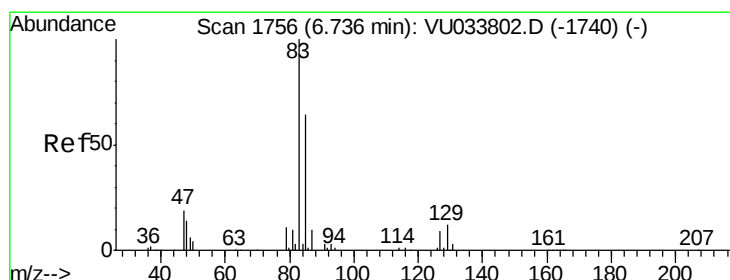
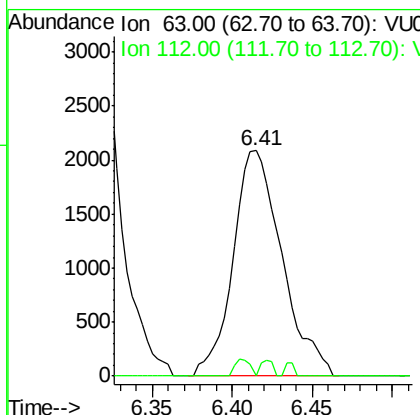
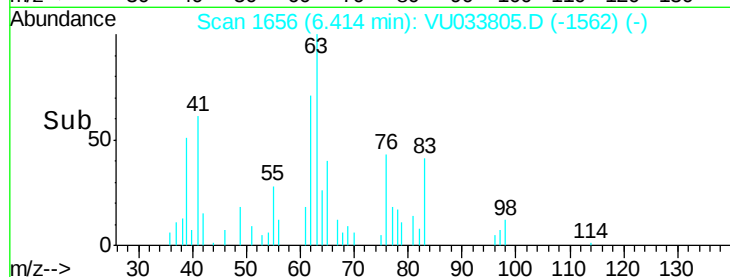
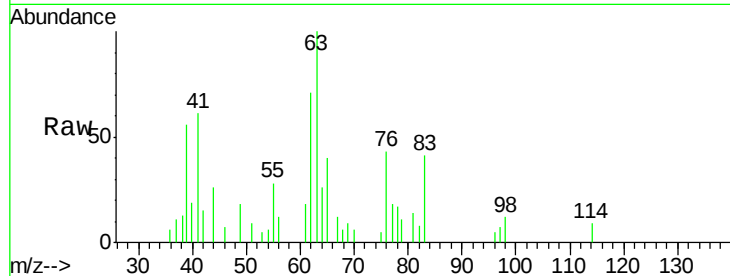
#37  
 1,2-Dichloropropane  
 Concen: 0.230 ug/L  
 RT: 6.41 min Scan# 1656  
 Delta R.T. 0.00 min  
 Lab File: VU033805.D  
 Acq: 15 Aug 2019 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

Tot Ion: 63 Resp: 4359  
 Ion Ratio Lower Upper  
 63 100  
 112 1.8 3.3 4.9#

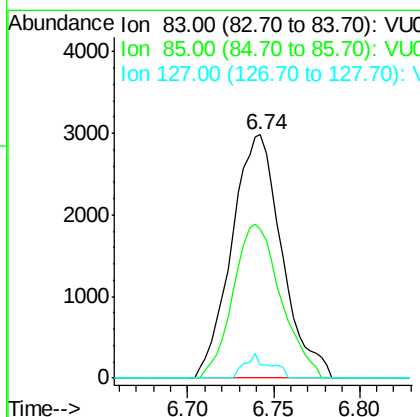
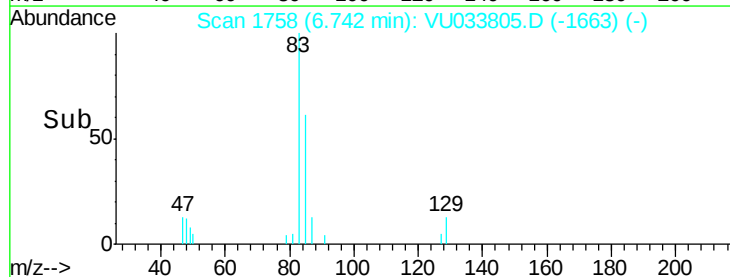
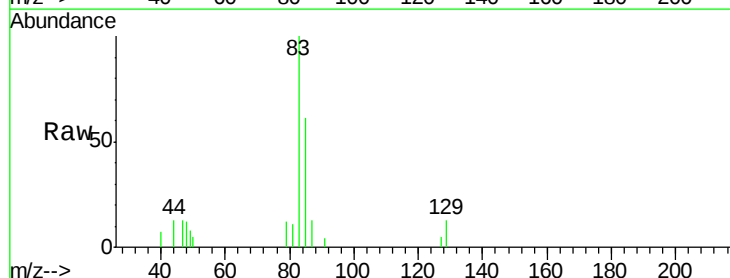
Manual Integrations  
 APPROVED

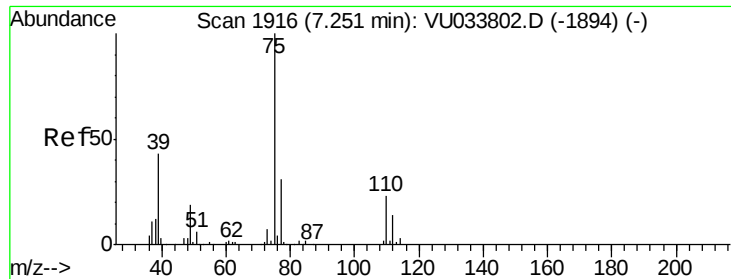
MMDadoda  
 8/16/2019 12:45:15 PM



#38  
 Bromodichloromethane  
 Concen: 0.253 ug/L  
 RT: 6.74 min Scan# 1758  
 Delta R.T. 0.01 min  
 Lab File: VU033805.D  
 Acq: 15 Aug 2019 12:14

Tgt Ion: 83 Resp: 6055  
 Ion Ratio Lower Upper  
 83 100  
 85 61.4 45.0 83.6  
 127 5.3 7.8 11.6#





#39

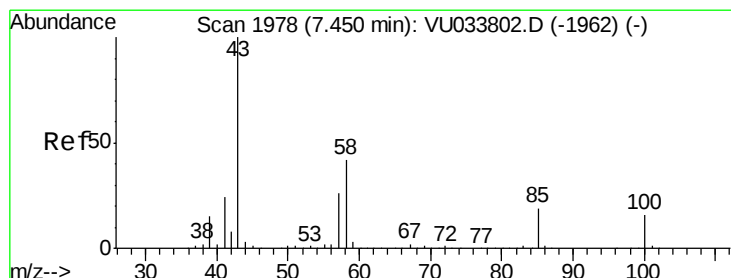
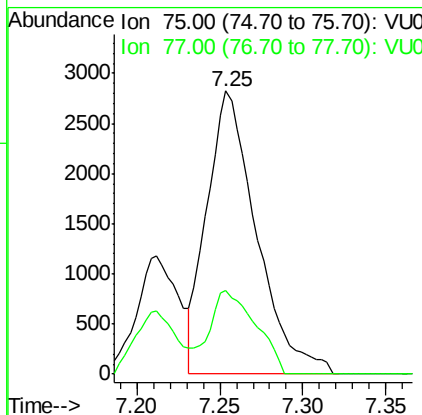
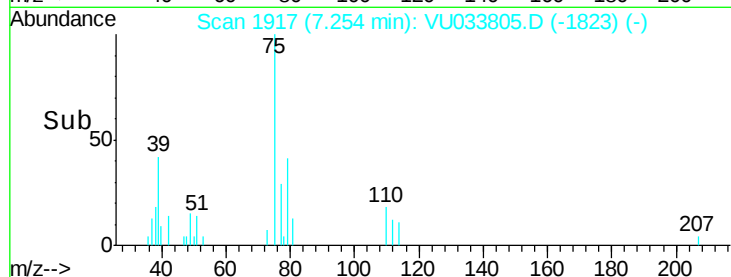
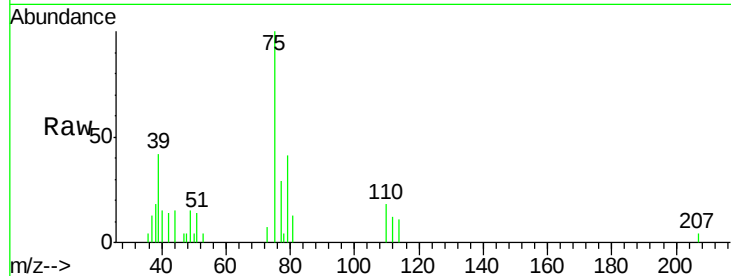
cis-1,3-Dichloropropene  
Concen: 0.230 ug/L  
RT: 7.25 min Scan# 1917  
Delta R.T. 0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

Tot Ion: 75 Resp: 5876  
Ion Ratio Lower Upper  
75 100  
77 29.5 23.6 43.8

Manual Integrations  
APPROVED

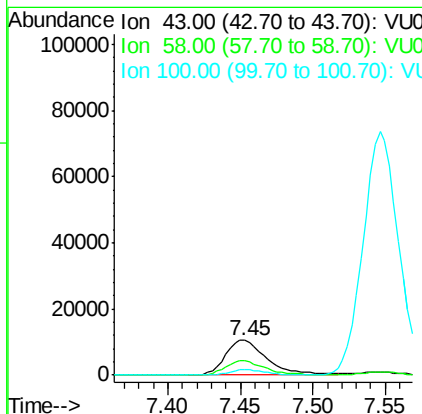
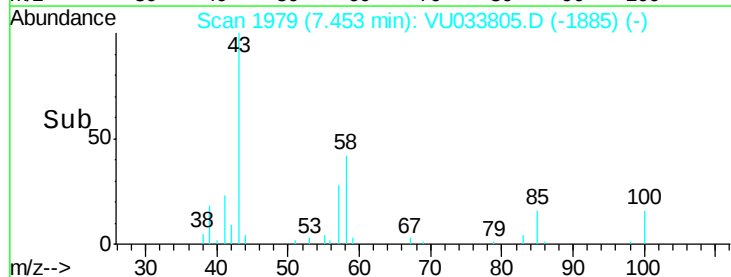
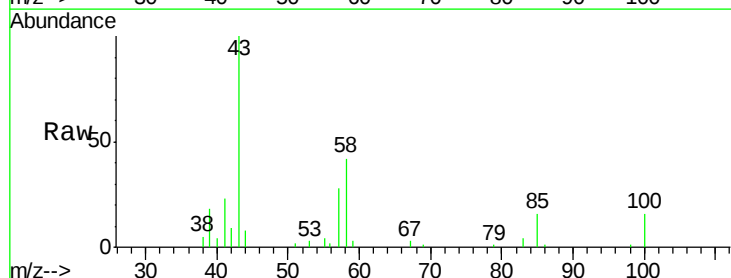
MMDadoda  
8/16/2019 12:45:15 PM

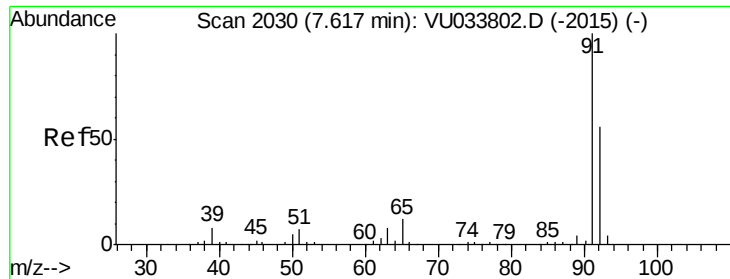


#40

4-Methyl-2-pentanone  
Concen: 1.931 ug/L  
RT: 7.45 min Scan# 1979  
Delta R.T. 0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

Tgt Ion: 43 Resp: 21142  
Ion Ratio Lower Upper  
43 100  
58 39.7 32.2 48.4  
100 0.0 11.9 17.9#





#42

Toluene

Concen: 0.222 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

Instrument :

MSVOA\_U

ClientSampleId :

MDL04

Tot Ion: 91 Resp: 16365

Ion Ratio Lower Upper

91 100

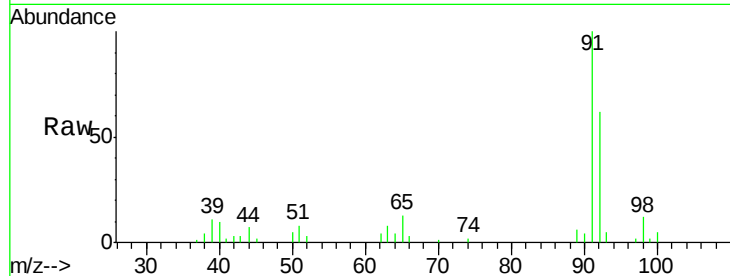
92 61.6 40.0 74.4

Manual Integrations

APPROVED

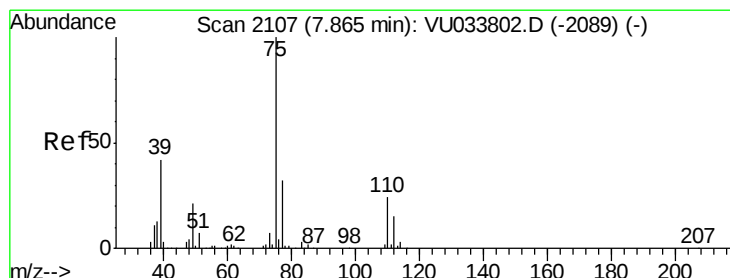
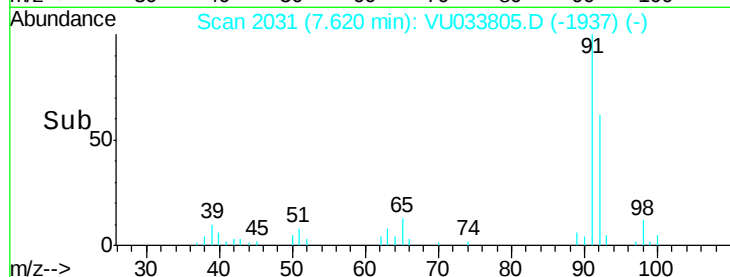
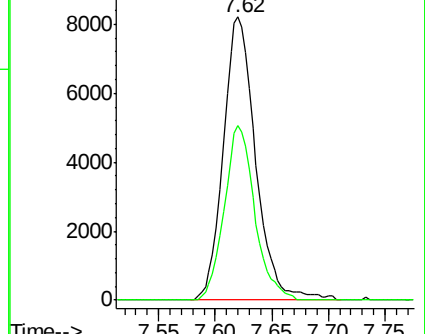
MMDadoda

8/16/2019 12:45:15 PM



Abundance Ion 91.00 (90.70 to 91.70): VU033802.D (-2015) (-)

Ion 92.00 (91.70 to 92.70): VU033802.D (-2015) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.219 ug/L

RT: 7.87 min Scan# 2110

Delta R.T. 0.01 min

Lab File: VU033805.D

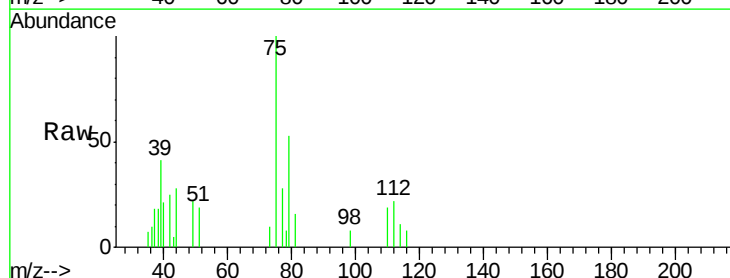
Acq: 15 Aug 2019 12:14

Tgt Ion: 75 Resp: 4686

Ion Ratio Lower Upper

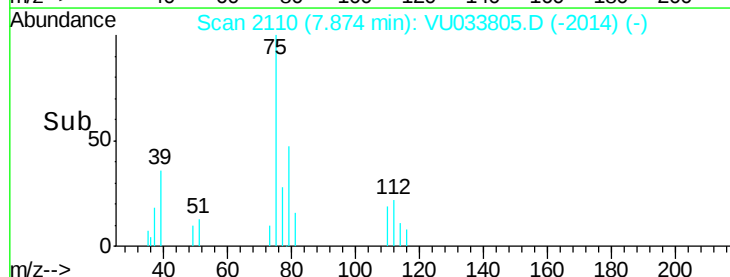
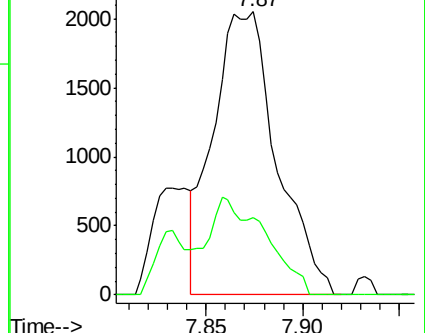
75 100

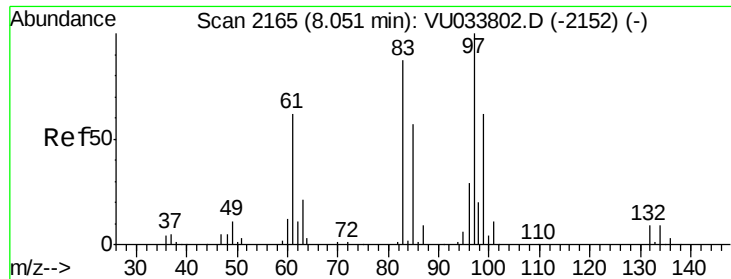
77 27.5 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU033802.D (-2089) (-)

Ion 77.00 (76.70 to 77.70): VU033802.D (-2089) (-)





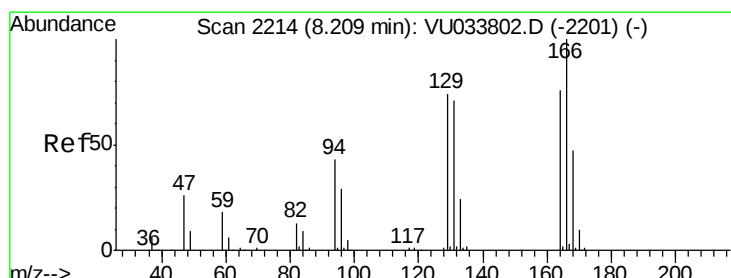
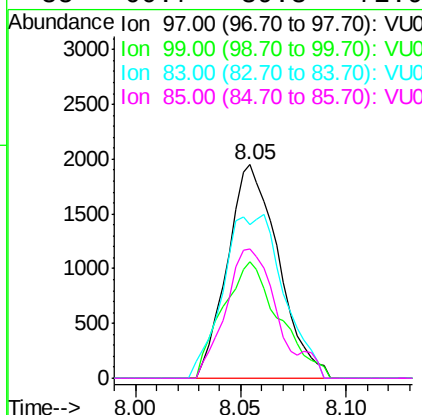
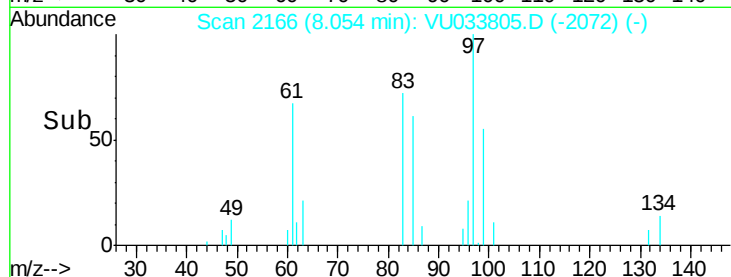
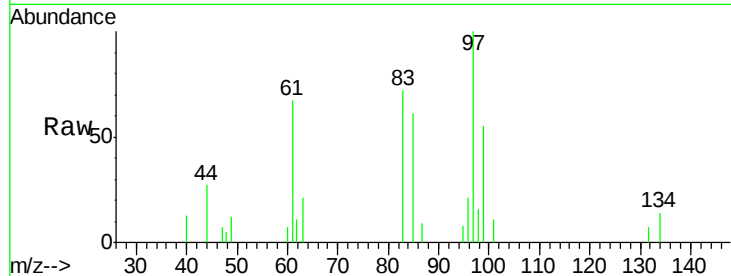
#45  
1,1,2-Trichloroethane  
Concen: 0.242 ug/L  
RT: 8.05 min Scan# 2166  
Delta R.T. 0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 3271  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 54.8  | 42.6  | 79.0  |
| 83       | 72.1  | 59.8  | 111.1 |
| 85       | 60.7  | 39.3  | 72.9  |

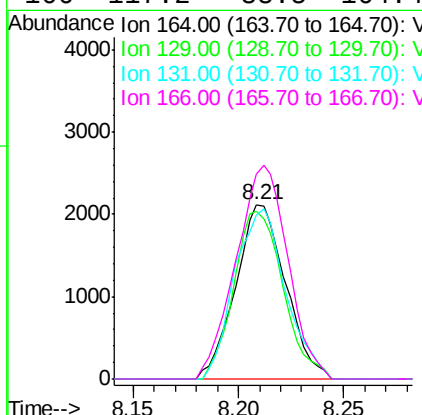
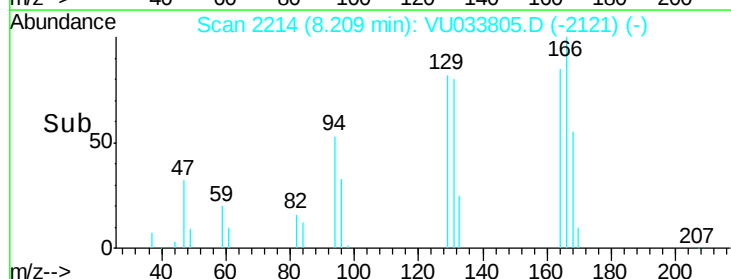
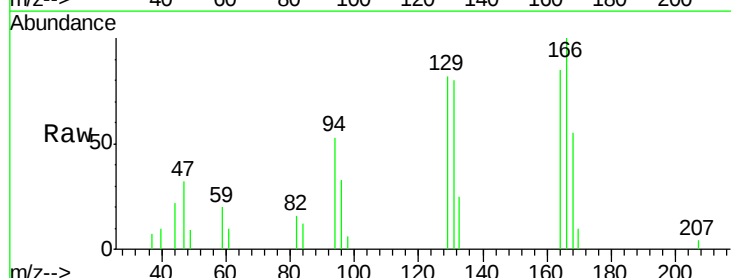
Manual Integrations  
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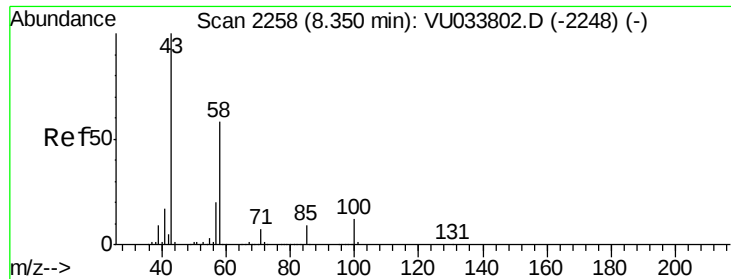
MMDadoda  
8/16/2019 12:45:15 PM



#47  
Tetrachloroethene  
Concen: 0.227 ug/L  
RT: 8.21 min Scan# 2214  
Delta R.T. -0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 3474  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 96.0  | 66.1  | 122.7 |
| 131      | 93.5  | 65.2  | 121.2 |
| 166      | 117.2 | 88.5  | 164.4 |





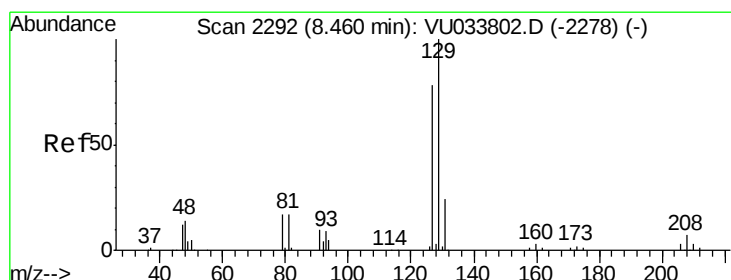
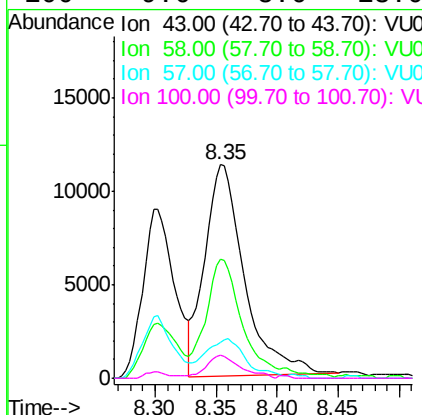
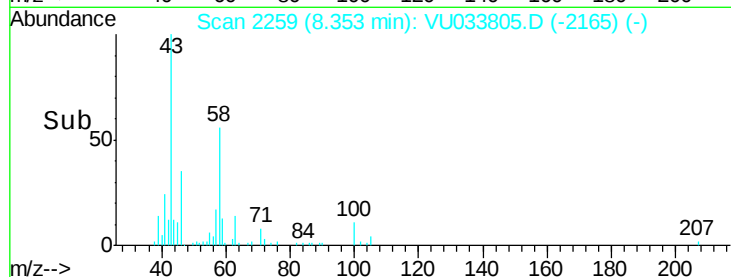
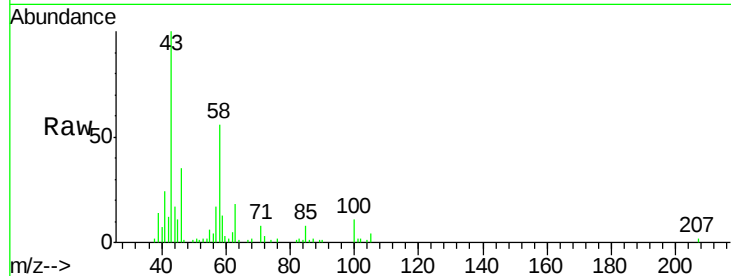
#48  
2-Hexanone  
Concen: 3.230 ug/L  
RT: 8.35 min Scan# 2259  
Delta R.T. 0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

| Tot Ion | 43    | Resp  | 25571 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 43      | 100   |       |       |
| 58      | 49.8  | 45.2  | 67.8  |
| 57      | 19.0  | 15.7  | 23.5  |
| 100     | 9.6   | 8.6   | 13.0  |

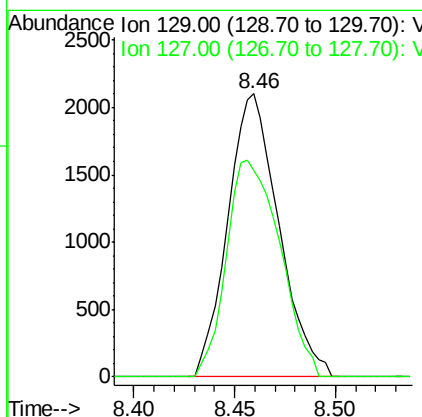
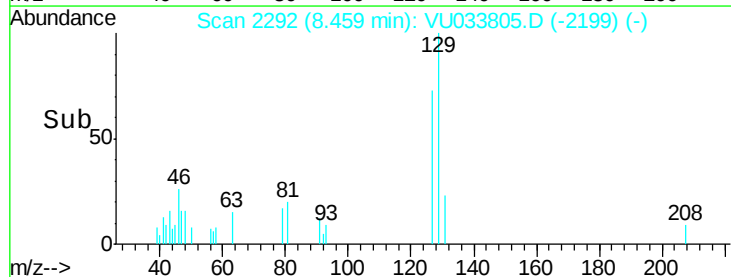
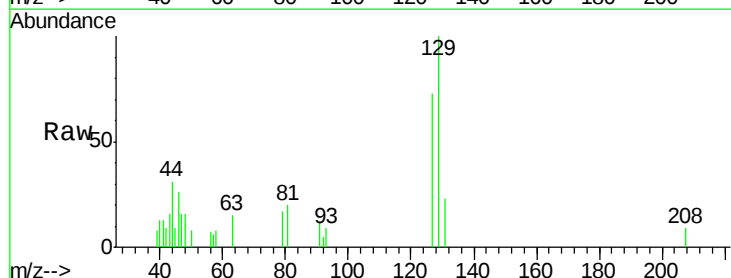
Manual Integrations  
APPROVED

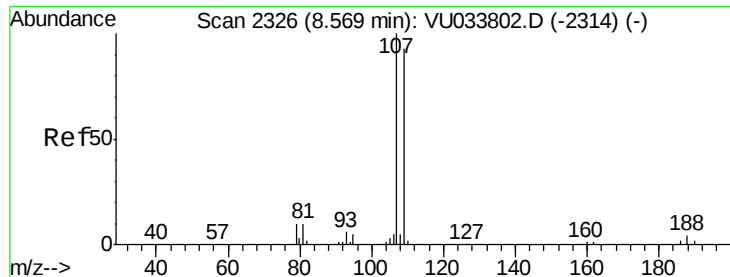
MMDadoda  
8/16/2019 12:45:15 PM



#49  
Dibromochloromethane  
Concen: 0.226 ug/L  
RT: 8.46 min Scan# 2292  
Delta R.T. -0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

| Tgt Ion | 129   | Resp  | 3710  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 129     | 100   |       |       |
| 127     | 72.9  | 54.2  | 100.6 |





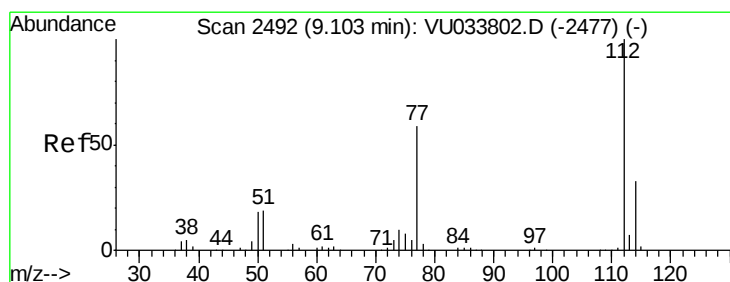
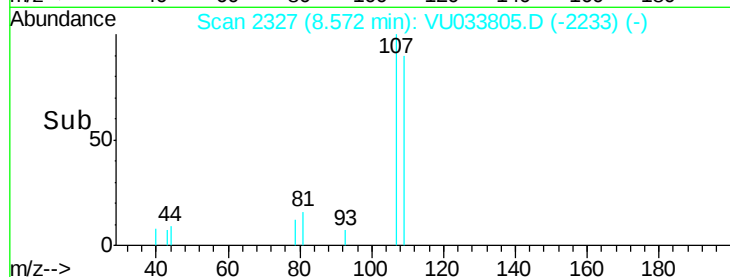
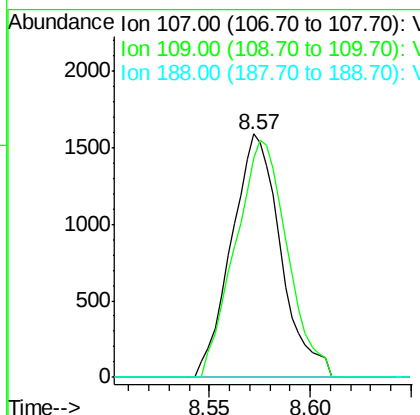
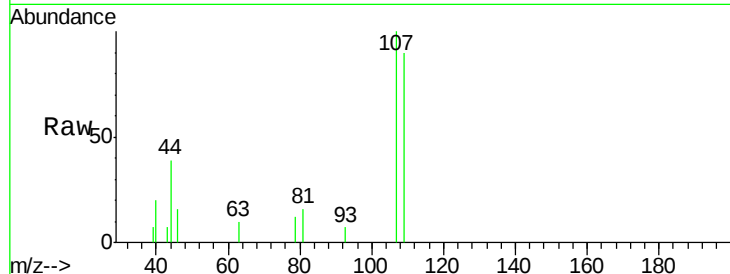
#50  
 1,2-Dibromoethane  
 Concen: 0.207 ug/L  
 RT: 8.57 min Scan# 2327  
 Delta R.T. 0.00 min  
 Lab File: VU033805.D  
 Acq: 15 Aug 2019 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 90.3  | 68.3  | 126.8 |
| 188     | 0.0   | 3.0   | 4.6#  |

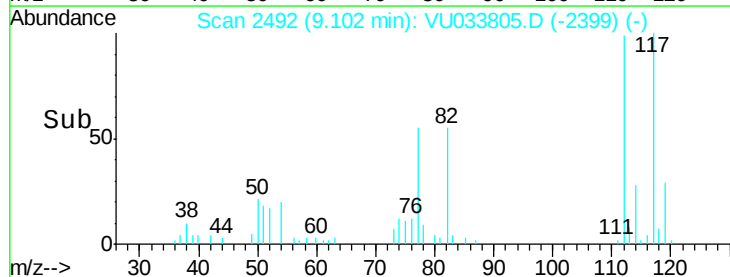
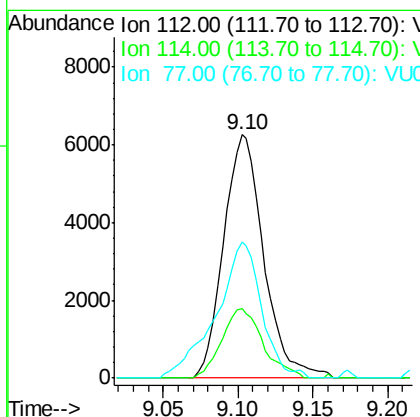
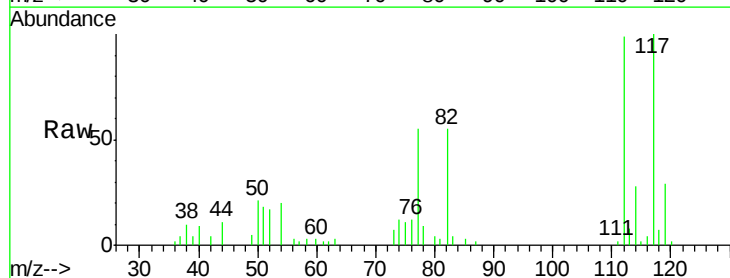
Manual Integrations  
 APPROVED

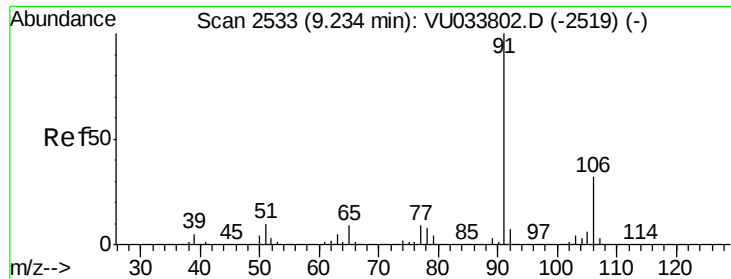
MMDadoda  
 8/16/2019 12:45:15 PM



#51  
 Chlorobenzene  
 Concen: 0.246 ug/L  
 RT: 9.10 min Scan# 2492  
 Delta R.T. -0.00 min  
 Lab File: VU033805.D  
 Acq: 15 Aug 2019 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 28.4  | 22.5  | 41.7  |
| 77      | 56.2  | 45.3  | 67.9  |





#52

Ethylbenzene

Concen: 0.200 ug/L

RT: 9.23 min Scan# 2533

Delta R.T. -0.00 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

Instrument :

MSVOA\_U

ClientSampled :

MDL04

Tot Ion: 91 Resp: 15242

Ion Ratio Lower Upper

91 100

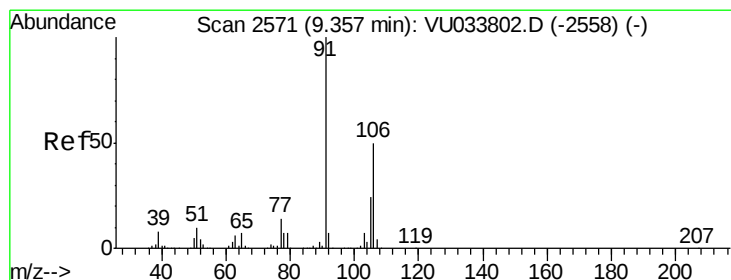
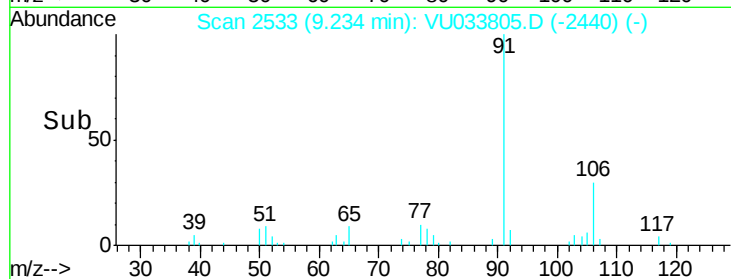
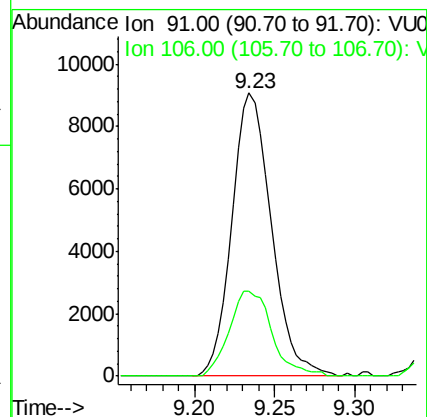
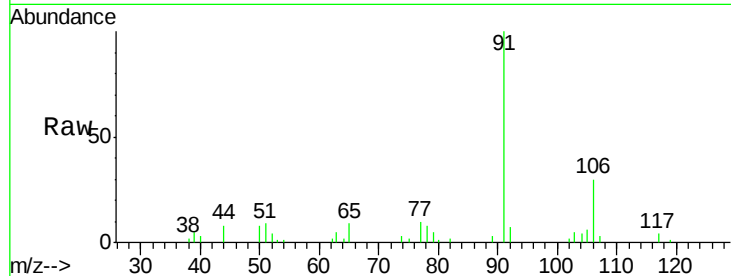
106 29.9 21.6 40.0

Manual Integrations

APPROVED

MMDadoda

8/16/2019 12:45:15 PM



#53

m,p-Xylene

Concen: 0.193 ug/L

RT: 9.36 min Scan# 2573

Delta R.T. 0.01 min

Lab File: VU033805.D

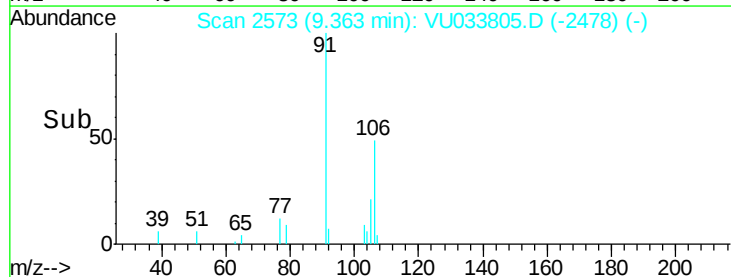
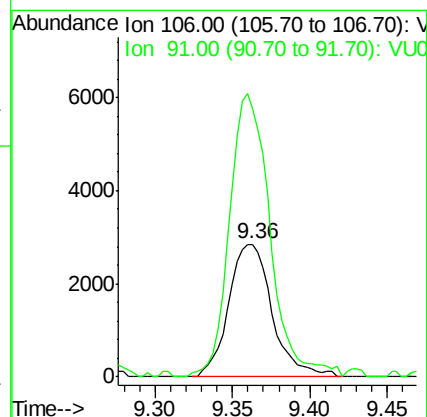
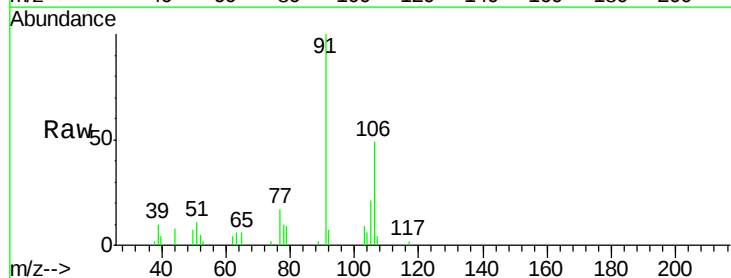
Acq: 15 Aug 2019 12:14

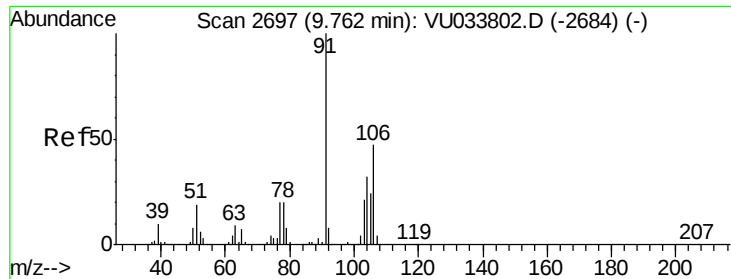
Tgt Ion: 106 Resp: 5560

Ion Ratio Lower Upper

106 100

91 202.0 142.7 265.1





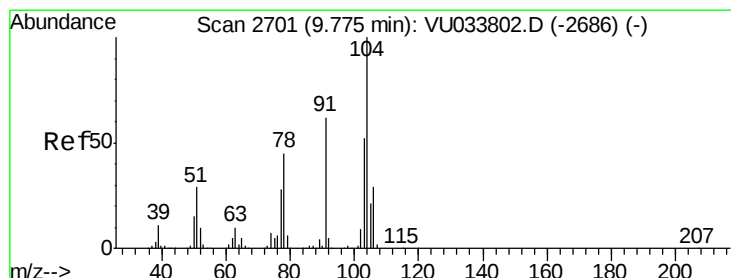
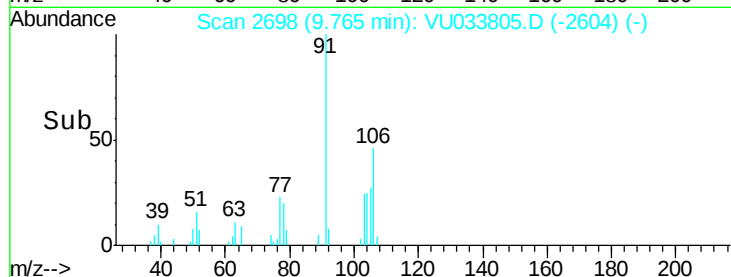
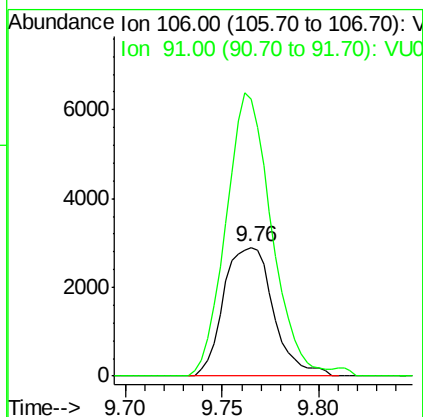
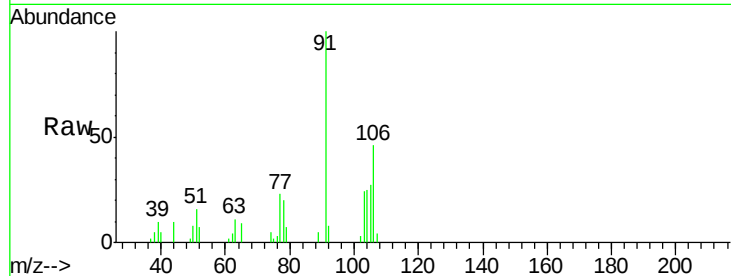
#54  
o-Xylene  
Concen: 0.191 ug/L  
RT: 9.76 min Scan# 2698  
Delta R.T. 0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

Instrument :  
MSVOA\_U  
ClientSampled :  
MDL04

Tot Ion:106 Resp: 5202  
Ion Ratio Lower Upper  
106 100  
91 215.6 149.5 277.7

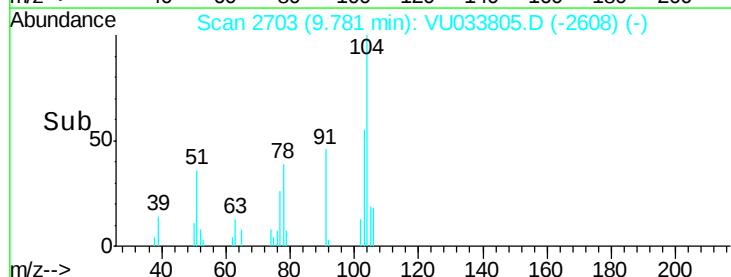
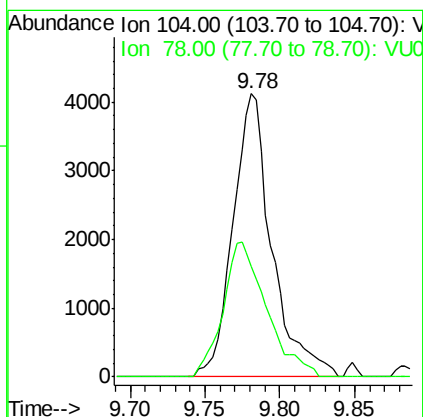
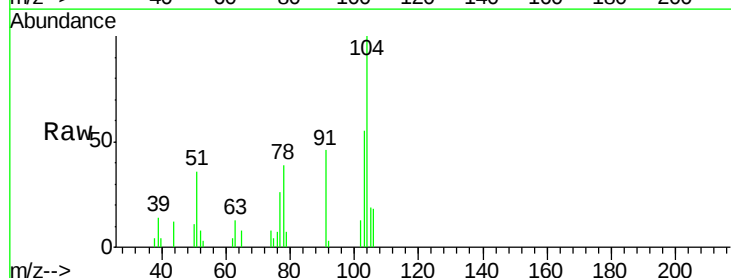
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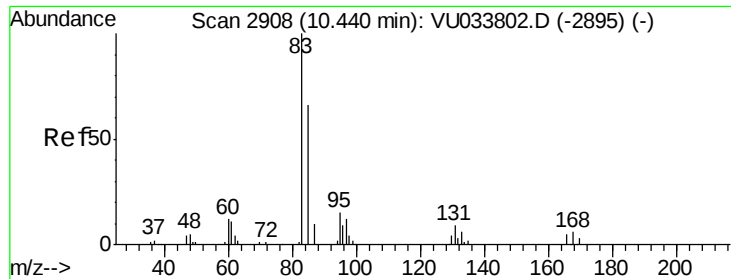
MMDadoda  
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#55  
Styrene  
Concen: 0.157 ug/L  
RT: 9.78 min Scan# 2703  
Delta R.T. 0.01 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

Tgt Ion:104 Resp: 7432  
Ion Ratio Lower Upper  
104 100  
78 39.0 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 0.229 ug/L

RT: 10.44 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

Instrument :

MSVOA\_U

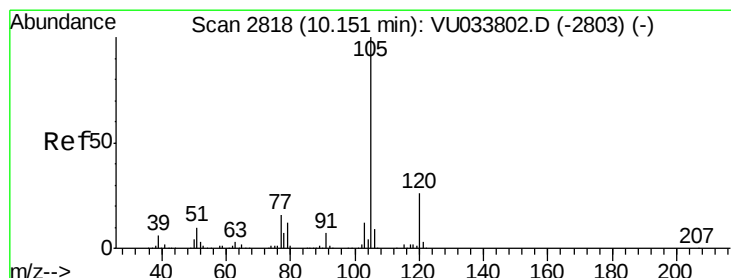
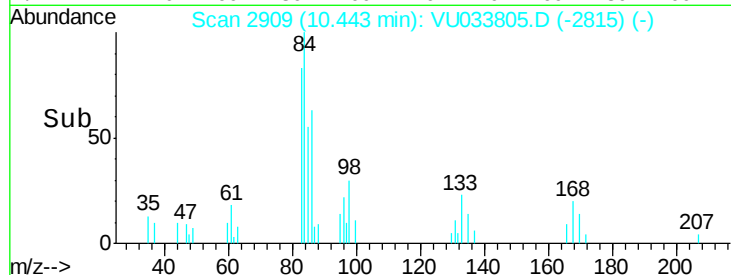
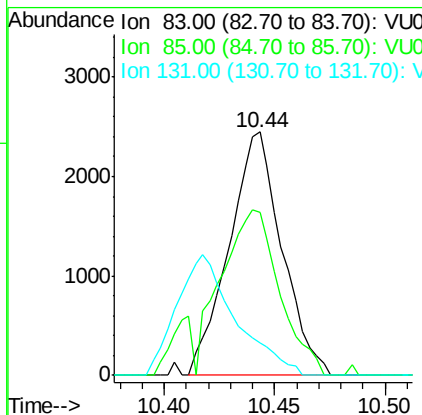
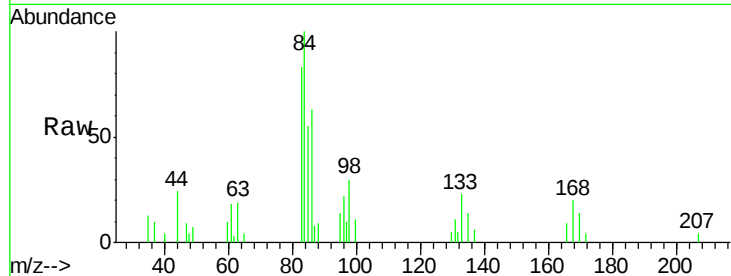
ClientSampleId :

MDL04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 4063  |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 66.8  | 44.4  | 82.4  |
| 131       | 13.6  | 7.6   | 11.4# |

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#59

Isopropylbenzene

Concen: 0.207 ug/L

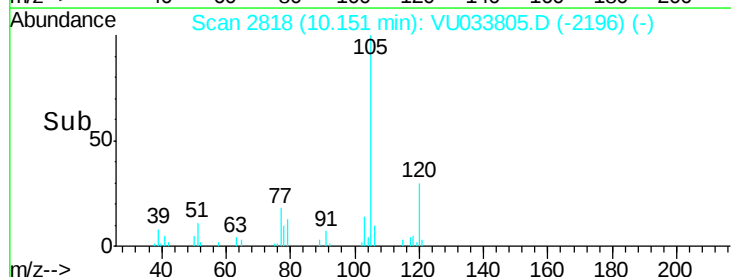
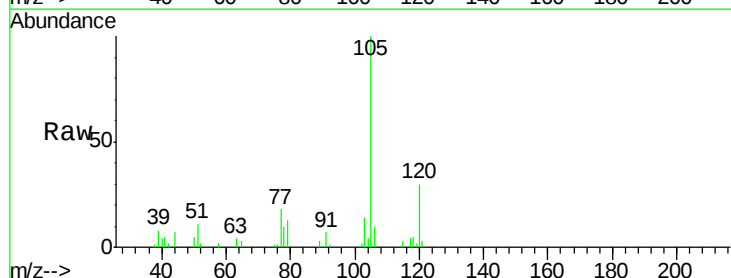
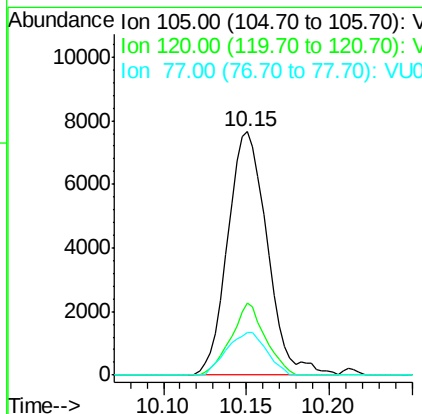
RT: 10.15 min Scan# 2818

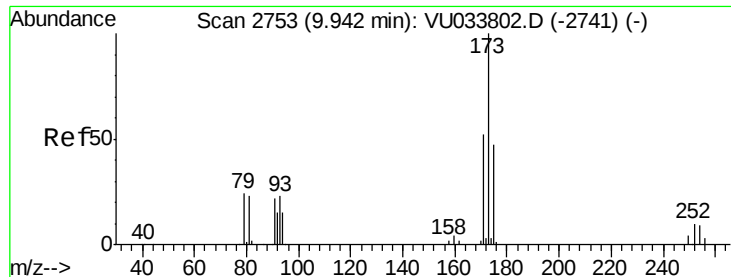
Delta R.T. -0.00 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 12683 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 25.6  | 21.5  | 32.3  |
| 77        | 17.6  | 12.8  | 19.2  |





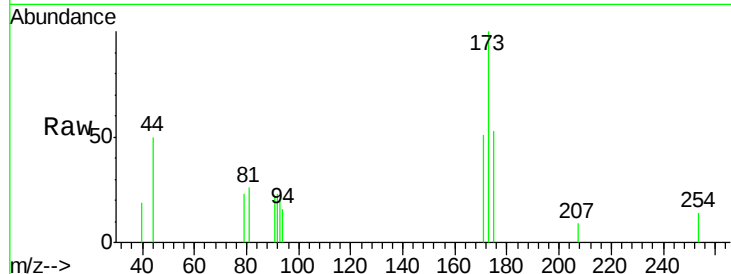
#60  
Bromoform  
Concen: 0.244 ug/L  
RT: 9.94 min Scan# 2753  
Delta R.T. -0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

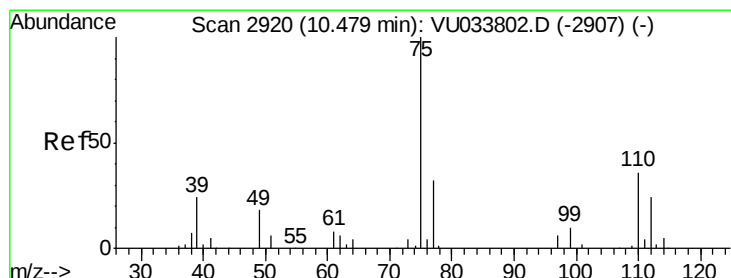
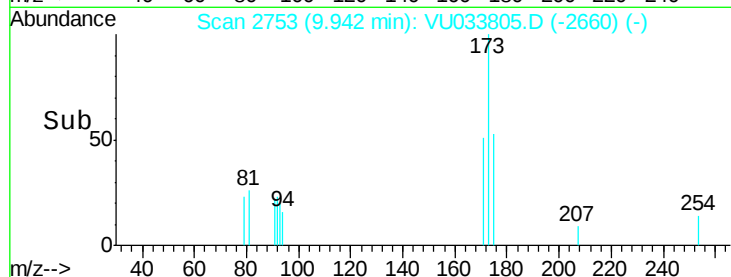
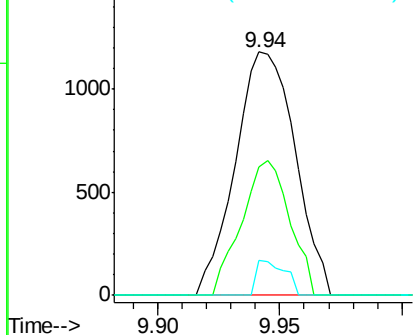
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 44.5  | 36.6  | 55.0  |
| 254     | 6.7   | 7.0   | 10.4  |

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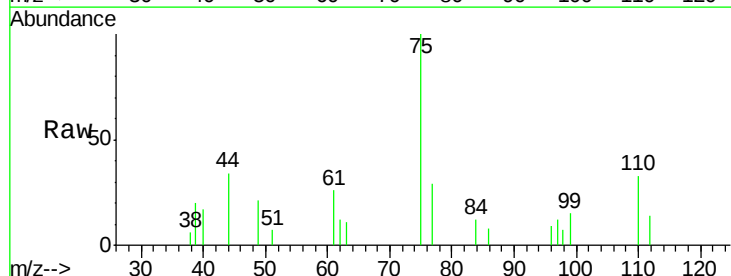


Abundance Ion 173.00 (172.70 to 173.70): V  
Ion 175.00 (174.70 to 175.70): V  
Ion 254.00 (253.70 to 254.70): V

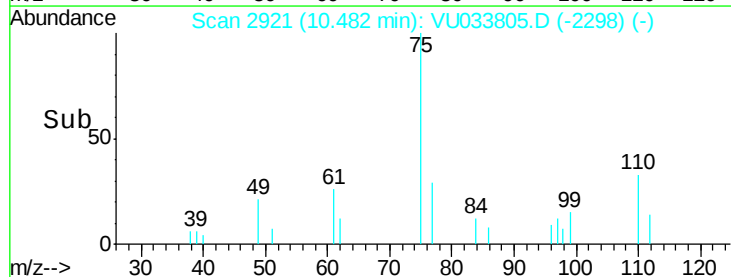
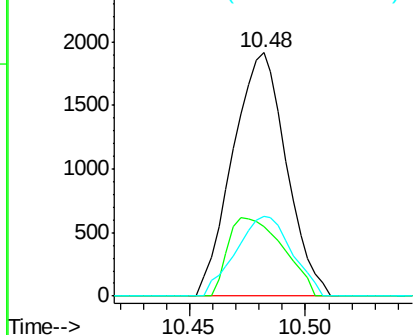


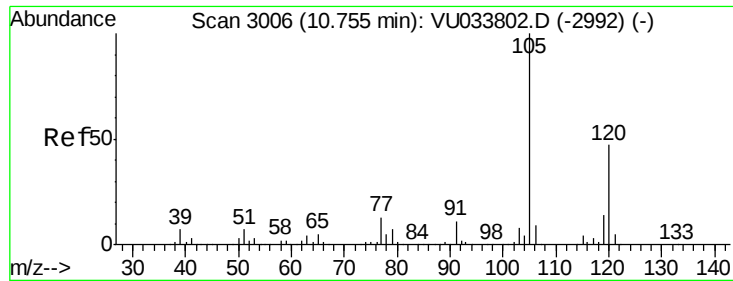
#61  
1,2,3-Trichloropropane  
Concen: 0.288 ug/L  
RT: 10.48 min Scan# 2921  
Delta R.T. 0.00 min  
Lab File: VU033805.D  
Acq: 15 Aug 2019 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.2  | 25.8  | 38.6  |
| 110     | 34.2  | 28.9  | 43.3  |



Abundance Ion 75.00 (74.70 to 75.70): VU0  
Ion 77.00 (76.70 to 77.70): VU0  
Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 0.191 ug/L

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

Instrument :

MSVOA\_U

ClientSampleId :

MDL04

Tot Ion:105 Resp: 9504

Ion Ratio Lower Upper

105 100

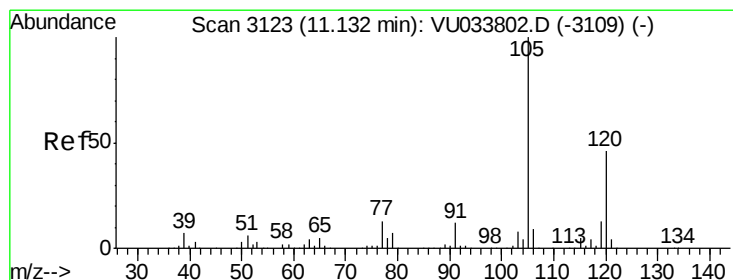
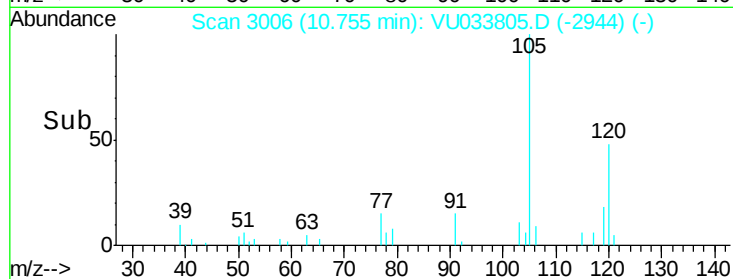
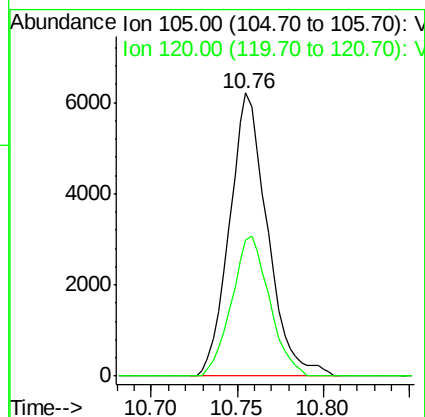
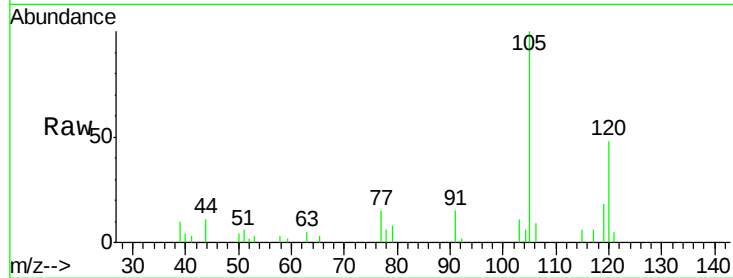
120 49.4 38.6 58.0

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#63

1,2,4-Trimethylbenzene

Concen: 0.183 ug/L

RT: 11.13 min Scan# 3124

Delta R.T. 0.00 min

Lab File: VU033805.D

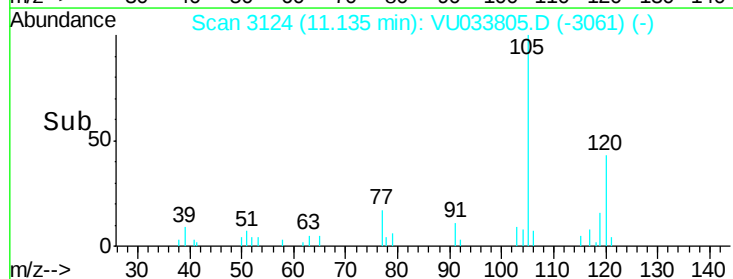
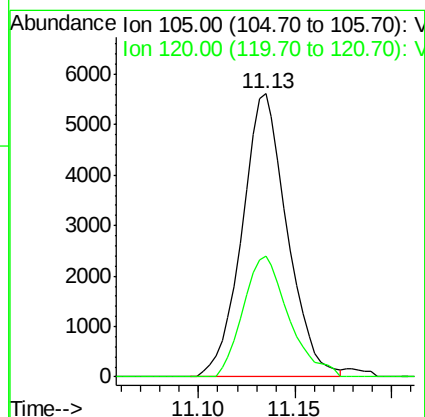
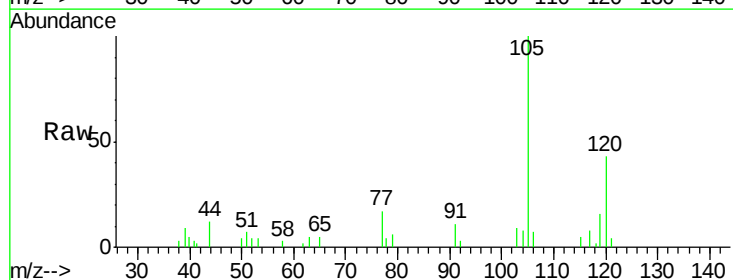
Acq: 15 Aug 2019 12:14

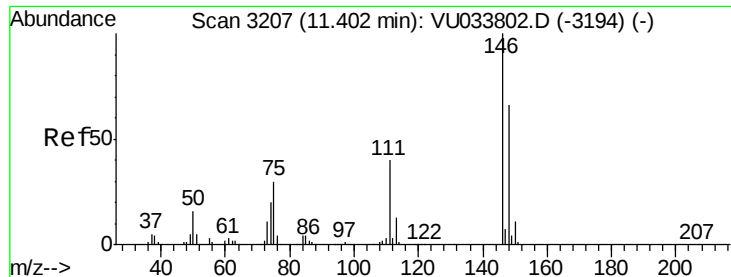
Tgt Ion:105 Resp: 9112

Ion Ratio Lower Upper

105 100

120 42.9 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 0.252 ug/L

RT: 11.40 min Scan# 3208

Delta R.T. 0.00 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

Instrument :

MSVOA\_U

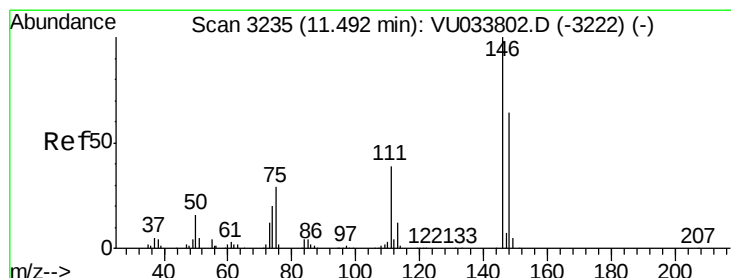
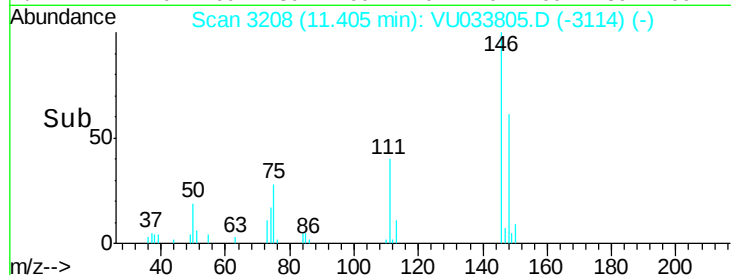
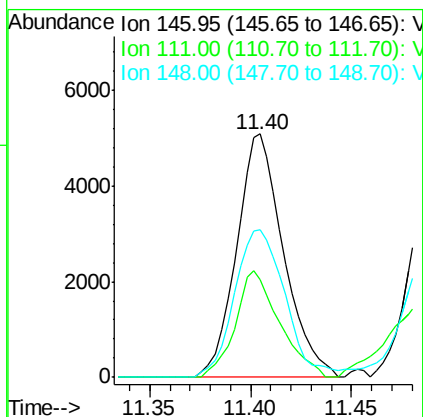
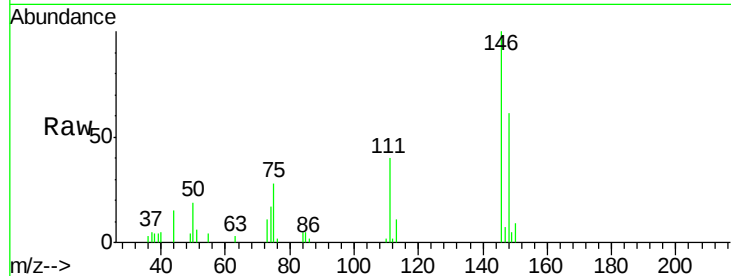
ClientSampled :

MDL04

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 146   | Resp: | 8275  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 40.0  | 28.5  | 52.9  |
| 148      | 60.8  | 44.6  | 82.8  |

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#65

1,4-Dichlorobenzene

Concen: 0.263 ug/L

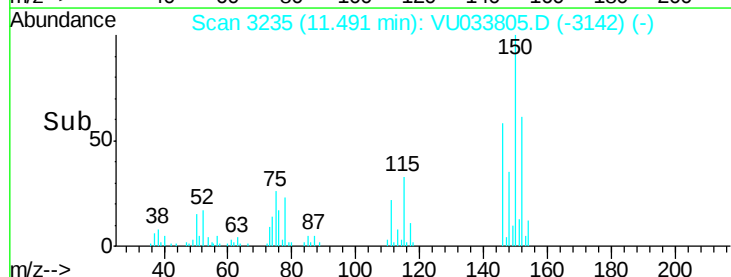
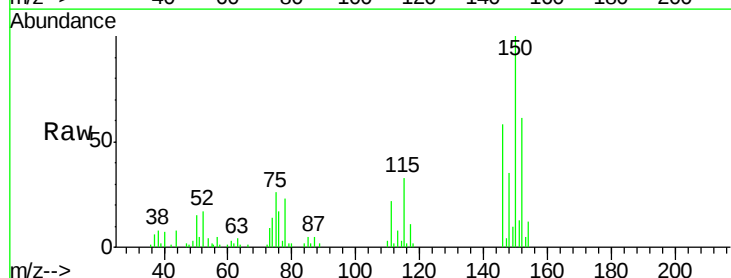
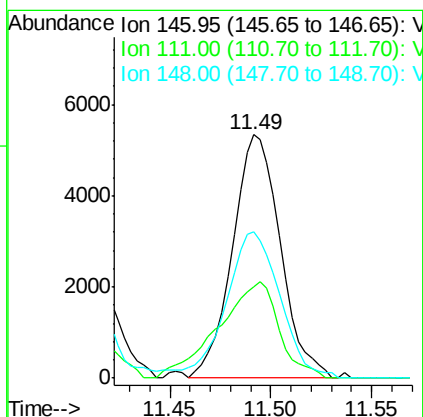
RT: 11.49 min Scan# 3235

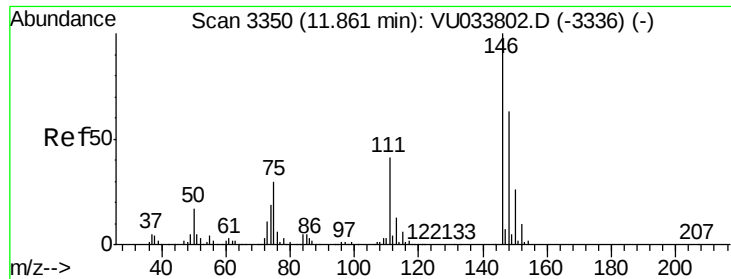
Delta R.T. -0.00 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 8886  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 37.7  | 26.2  | 48.8  |
| 148      | 59.9  | 44.2  | 82.0  |





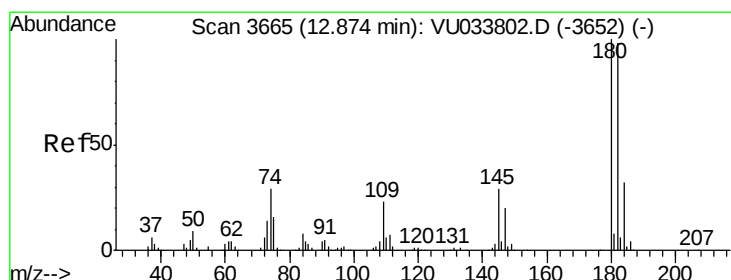
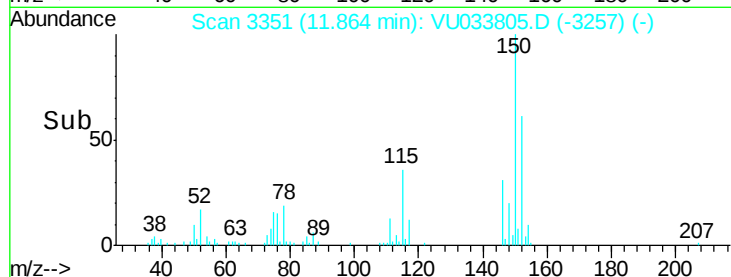
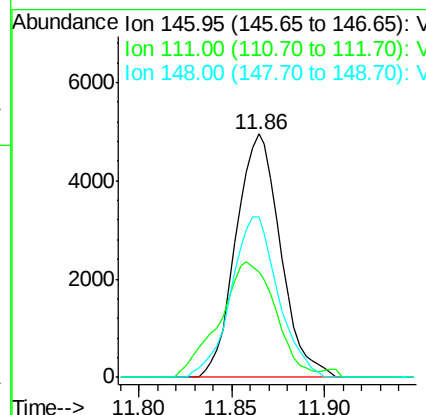
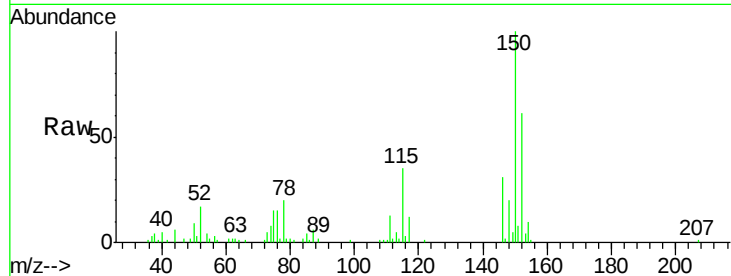
#67  
 1,2-Dichlorobenzene  
 Concen: 0.261 ug/L  
 RT: 11.86 min Scan# 3351  
 Delta R.T. 0.00 min  
 Lab File: VU033805.D  
 Acq: 15 Aug 2019 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.2  | 32.7  | 49.1  |
| 148     | 65.9  | 50.6  | 76.0  |

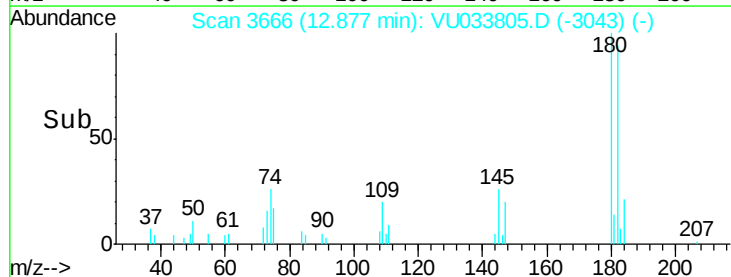
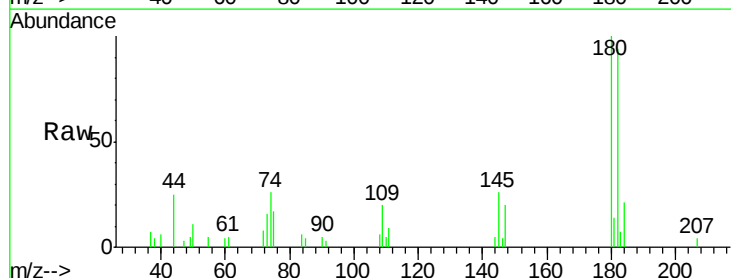
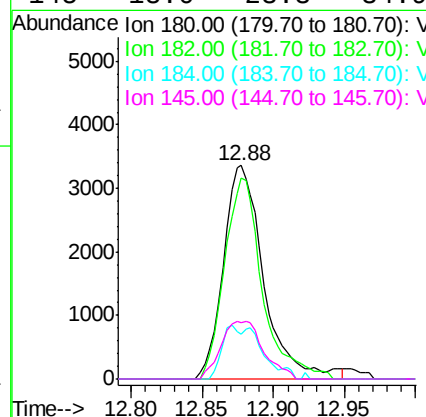
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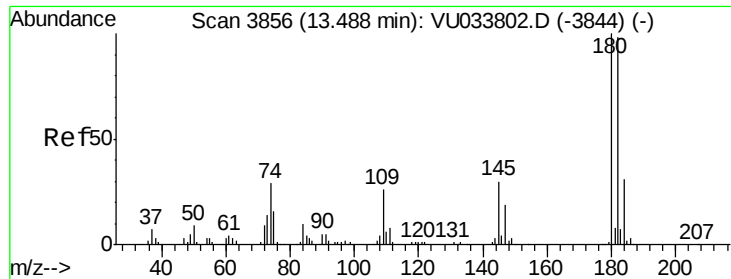
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#69  
 1,3,5-Trichlorobenzene  
 Concen: 0.256 ug/L m  
 RT: 12.88 min Scan# 3666  
 Delta R.T. 0.00 min  
 Lab File: VU033805.D  
 Acq: 15 Aug 2019 12:14

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 180     | 100   |       |        |
| 182     | 56.9  | 76.6  | 114.8# |
| 184     | 15.6  | 24.4  | 36.6#  |
| 145     | 18.0  | 23.3  | 34.9#  |





#70

1,2,4-trichlorobenzene

Concen: 0.195 ug/L m

RT: 13.50 min Scan# 3859

Delta R.T. 0.01 min

Lab File: VU033805.D

Acq: 15 Aug 2019 12:14

Instrument :

MSVOA\_U

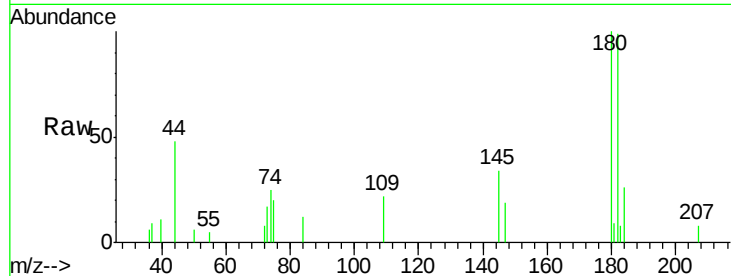
ClientSampled :

MDL04

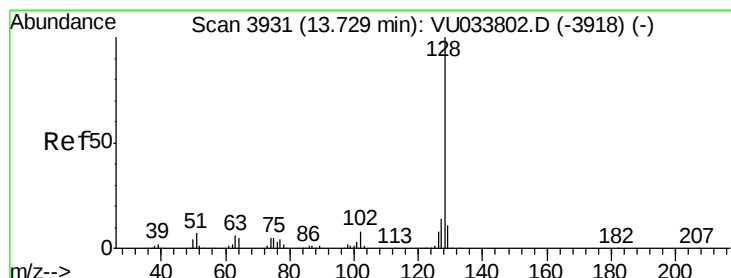
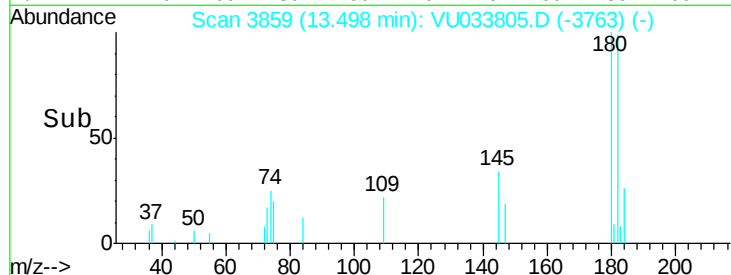
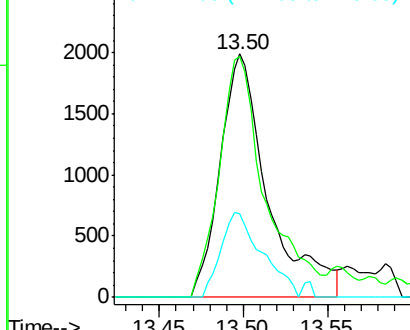
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 180   | Resp: | 3925  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.8  | 77.4  | 116.2 |
| 145       | 30.4  | 23.5  | 35.3  |

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Abundance Ion 179.90 (179.60 to 180.60): V  
Ion 182.00 (181.70 to 182.70): V  
Ion 144.95 (144.65 to 145.65): V



#71

Naphthalene

Concen: 0.192 ug/L m

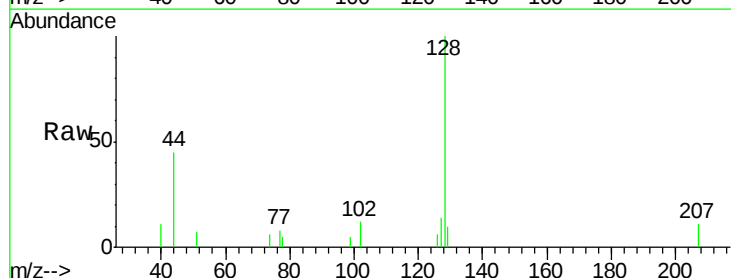
RT: 13.74 min Scan# 3934

Delta R.T. 0.01 min

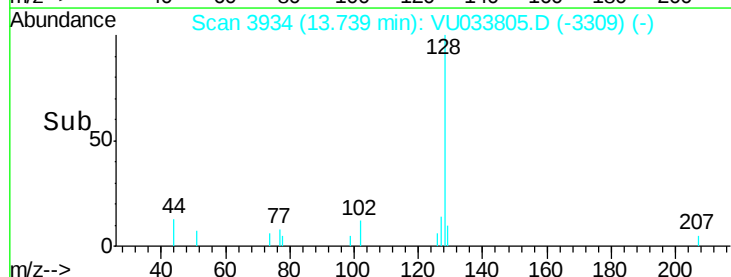
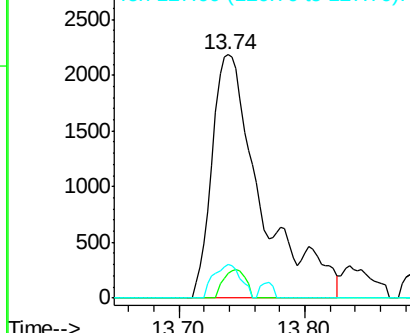
Lab File: VU033805.D

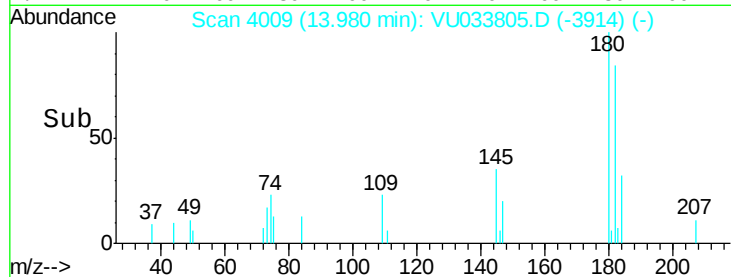
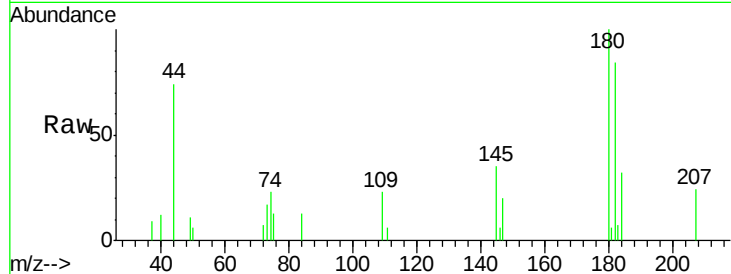
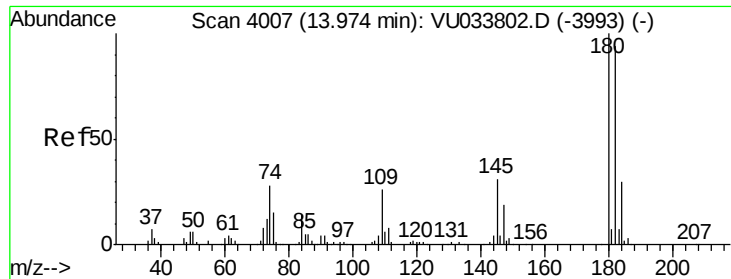
Acq: 15 Aug 2019 12:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 5945  |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 5.2   | 8.5   | 12.7# |
| 127       | 7.6   | 11.2  | 16.8# |



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 129.00 (128.70 to 129.70): V  
Ion 127.00 (126.70 to 127.70): V





#72  
 1,2,3-Trichlorobenzene  
 Concen: 0.215 ug/L m  
 RT: 13.98 min Scan# 4009  
 Delta R.T. 0.01 min  
 Lab File: VU033805.D  
 Acq: 15 Aug 2019 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 78.7  | 75.7  | 113.5 |
| 145     | 23.8  | 24.3  | 36.5# |

Manual Integrations  
 APPROVED

MMDadoda  
 8/16/2019 12:45:15 PM

