

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081319\  
 Data File : VU033787.D  
 Acq On : 13 Aug 2019 17:32  
 Operator : JC/SP  
 Sample : MDL06  
 Misc : 5.00u/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL06

Manual Integrations  
 APPROVED

MMDadoda  
 8/14/2019 10:44:53 AM

Quant Time: Aug 14 04:44:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SFAMULM081319W.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Aug 14 04:23:45 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 408802   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 405780   | 50.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 188375   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 175859   | 45.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.58%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 149952   | 41.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.94%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 231001   | 36.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.86%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 211766   | 98.04    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.04%  |
| 24) Chloroform-d               | 4.62    | 84    | 276054   | 45.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.06%  |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 182978   | 48.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.50%  |
| 32) Benzene-d6                 | 5.32    | 84    | 563581   | 48.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.96%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 183401   | 48.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.64%  |
| 41) Toluene-d8                 | 7.55    | 98    | 507761   | 46.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.68%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 82940    | 46.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.52%  |
| 47) 2-Hexanone-d5              | 8.30    | 63    | 149327   | 99.34    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 99.34%  |
| 56) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 249149   | 46.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.94%  |
| 66) 1,2-Dichlorobenzene-d4     | 11.84   | 152   | 197434   | 51.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.76% |

## Target Compounds

|                                |      |     |       |              | Ovalue |
|--------------------------------|------|-----|-------|--------------|--------|
| 2) Dichlorodifluoromethane     | 1.20 | 85  | 9420  | 2.312 ug/L   | 95     |
| 3) Chloromethane               | 1.32 | 50  | 10036 | 2.372 ug/L   | 97     |
| 5) Vinyl chloride              | 1.39 | 62  | 11121 | 2.427 ug/L # | 65     |
| 6) Bromomethane                | 1.62 | 94  | 6939  | 2.063 ug/L   | 96     |
| 8) Chloroethane                | 1.69 | 64  | 6762  | 2.065 ug/L   | 99     |
| 9) Trichlorofluoromethane      | 1.87 | 101 | 13193 | 2.241 ug/L   | 100    |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.27 | 101 | 8828  | 3.064 ug/L   | 85     |
| 12) 1,1-Dichloroethene         | 2.27 | 96  | 8635  | 3.046 ug/L # | 1      |
| 13) Acetone                    | 2.31 | 43  | 8697  | 4.421 ug/L   | 100    |
| 14) Carbon disulfide           | 2.46 | 76  | 21088 | 2.350 ug/L   | 95     |
| 15) Methyl Acetate             | 2.60 | 43  | 7668  | 2.332 ug/L   | 91     |
| 16) Methylene chloride         | 2.68 | 84  | 8813  | 2.723 ug/L   | 86     |
| 17) trans-1,2-Dichloroethene   | 2.97 | 96  | 6869  | 2.328 ug/L   | 97     |
| 18) Methyl tert-butyl Ether    | 2.98 | 73  | 19534 | 2.227 ug/L   | 98     |
| 19) 1,1-Dichloroethane         | 3.42 | 63  | 13166 | 2.323 ug/L   | 95     |
| 20) cis-1,2-Dichloroethene     | 4.21 | 96  | 7670m | 2.368 ug/L   |        |
| 22) 2-Butanone                 | 4.26 | 43  | 9396  | 3.931 ug/L   | 78     |

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL06

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 Quant Title : VOC Analysis  
 QLast Update : Wed Aug 14 04:23:45 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 23) Bromochloromethane         | 4.52  | 128  | 3827     | 2.280 | ug/L   | 95       |
| 25) Chloroform                 | 4.65  | 83   | 16236    | 2.756 | ug/L   | 96       |
| 27) 1,2-Dichloroethane         | 5.39  | 62   | 10035    | 2.193 | ug/L # | 95       |
| 29) Cyclohexane                | 4.97  | 56   | 10200    | 2.287 | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane      | 4.89  | 97   | 11183    | 2.247 | ug/L   | 98       |
| 31) Carbon tetrachloride       | 5.11  | 117  | 10063m   | 2.276 | ug/L   |          |
| 33) Benzene                    | 5.37  | 78   | 28983    | 2.335 | ug/L   | 100      |
| 34) Trichloroethene            | 6.17  | 95   | 7334     | 2.230 | ug/L   | 95       |
| 35) Methylcyclohexane          | 6.39  | 83   | 10357    | 2.161 | ug/L   | 98       |
| 37) 1,2-Dichloropropane        | 6.42  | 63   | 8164     | 2.413 | ug/L # | 93       |
| 38) Bromodichloromethane       | 6.74  | 83   | 9717     | 2.226 | ug/L   | 92       |
| 39) cis-1,3-Dichloropropene    | 7.25  | 75   | 11293    | 2.262 | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone       | 7.45  | 43   | 17379    | 4.129 | ug/L   | 97       |
| 42) Toluene                    | 7.62  | 91   | 29977    | 2.286 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene  | 7.86  | 75   | 10352    | 2.276 | ug/L   | 97       |
| 45) 1,1,2-Trichloroethane      | 8.05  | 97   | 6694     | 2.097 | ug/L   | 97       |
| 46) Tetrachloroethene          | 8.21  | 164  | 5786     | 2.243 | ug/L   | 88       |
| 48) 2-Hexanone                 | 8.35  | 43   | 18224    | 5.657 | ug/L   | 95       |
| 49) Dibromochloromethane       | 8.46  | 129  | 7797     | 2.188 | ug/L   | 93       |
| 50) 1,2-Dibromoethane          | 8.57  | 107  | 7804     | 2.330 | ug/L   | 98       |
| 51) Chlorobenzene              | 9.10  | 112  | 19794    | 2.320 | ug/L   | 95       |
| 52) Ethylbenzene               | 9.23  | 91   | 28835    | 2.090 | ug/L   | 97       |
| 53) m,p-Xylene                 | 9.36  | 106  | 10484    | 2.033 | ug/L   | 99       |
| 54) o-xylene                   | 9.76  | 106  | 9561     | 1.884 | ug/L   | 99       |
| 55) Styrene                    | 9.78  | 104  | 16102    | 1.869 | ug/L   | 96       |
| 57) 1,1,2,2-Tetrachloroethane  | 10.44 | 83   | 12977    | 2.430 | ug/L # | 97       |
| 59) Bromoform                  | 9.94  | 173  | 5826     | 2.421 | ug/L # | 96       |
| 60) 1,2,3-Trichloropropane     | 10.48 | 75   | 9307     | 2.455 | ug/L   | 97       |
| 61) Isopropylbenzene           | 10.15 | 105  | 23882    | 2.048 | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene     | 10.76 | 105  | 18799    | 1.997 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene     | 11.13 | 105  | 18652    | 1.997 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene        | 11.40 | 146  | 14089    | 2.408 | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene        | 11.49 | 146  | 15172    | 2.530 | ug/L   | 92       |
| 67) 1,2-Dichlorobenzene        | 11.86 | 146  | 15349    | 2.582 | ug/L # | 91       |
| 68) 1,2-Dibromo-3-chloropropan | 12.65 | 75   | 2392     | 2.263 | ug/L   | 88       |
| 69) 1,3,5-Trichlorobenzene     | 12.88 | 180  | 10338    | 2.339 | ug/L   | 92       |
| 70) 1,2,4-trichlorobenzene     | 13.50 | 180  | 5987     | 1.633 | ug/L   | 91       |
| 71) Naphthalene                | 13.74 | 128  | 15120    | 1.386 | ug/L   | 95       |
| 72) 1,2,3-Trichlorobenzene     | 13.98 | 180  | 7724     | 2.010 | ug/L # | 91       |
| -----                          |       |      |          |       |        |          |

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

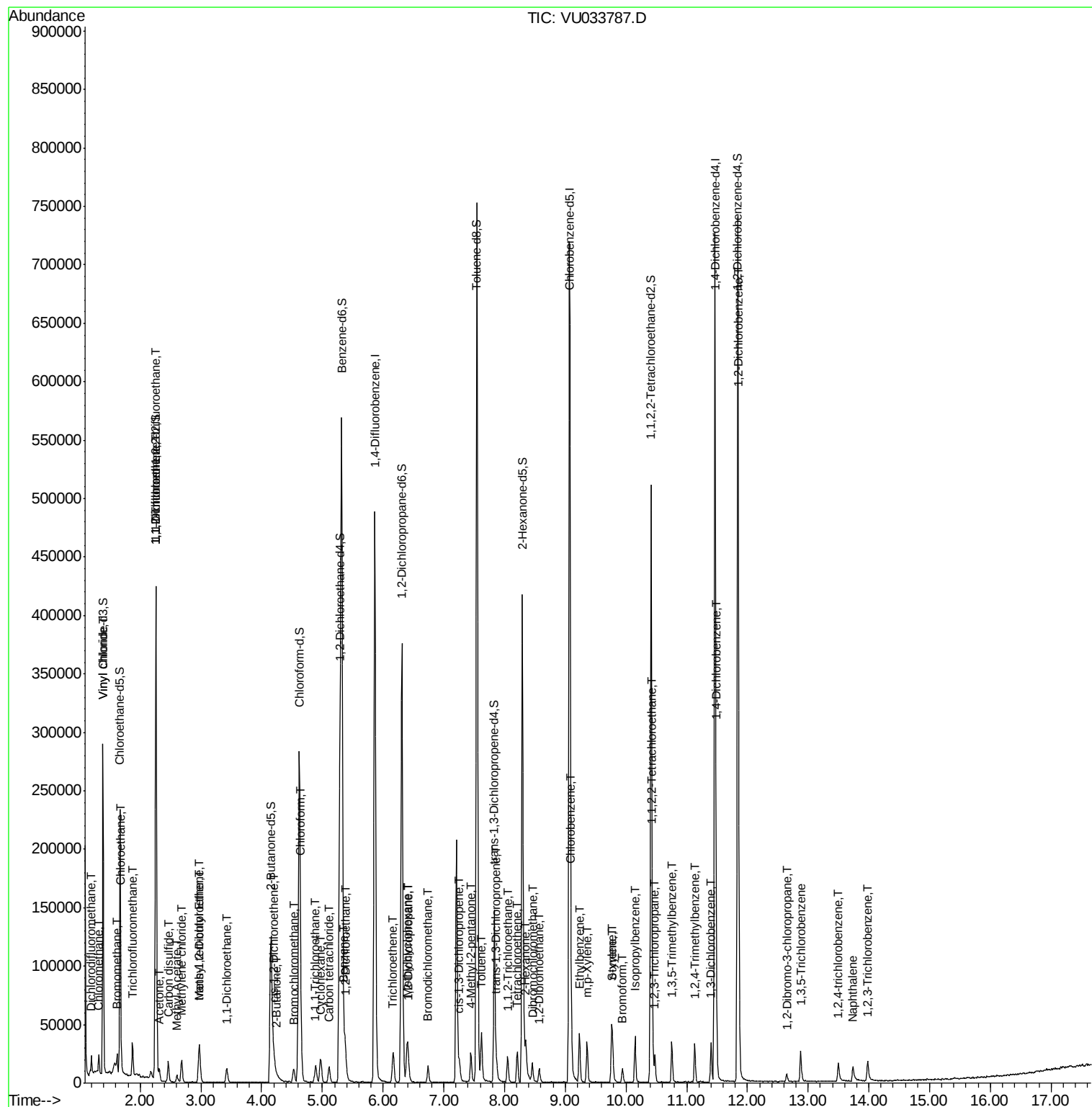
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081319\  
Data File : VU033787.D  
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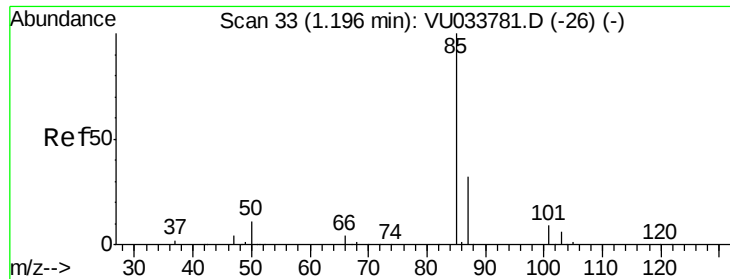
Instrument :  
MSVOA\_U  
ClientSampleID :  
MDL06

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Quant Title : VOC Analysis  
QLast Update : Wed Aug 14 04:23:45 2019  
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 2.312 ug/L

RT: 1.20 min Scan# 33

Delta R.T. -0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Instrument :

MSVOA\_U

ClientSampled :

MDL06

Tot Ion: 85 Resp: 9420

Ion Ratio Lower Upper

85 100

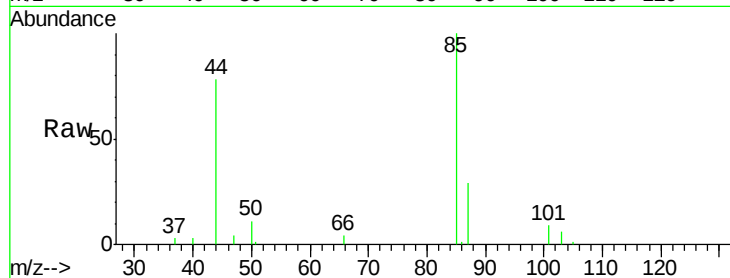
87 30.0 26.4 39.6

Manual Integrations

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8/14/2019 10:44:53 AM



Abundance Ion 85.00 (84.70 to 85.70): VU033787.D (-26) (-)

Ion 87.00 (86.70 to 87.70): VU033787.D (-26) (-)

10000

8000

6000

4000

2000

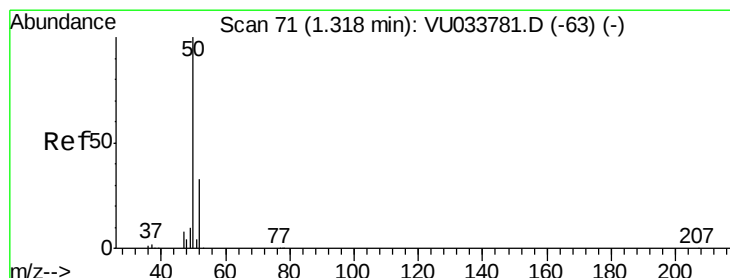
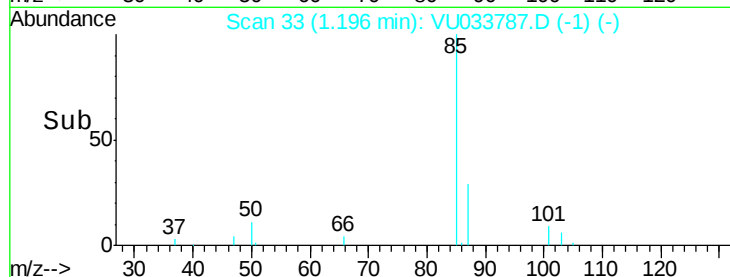
0

1.15

1.20

1.25

Time-->



#3

Chloromethane

Concen: 2.372 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU033787.D

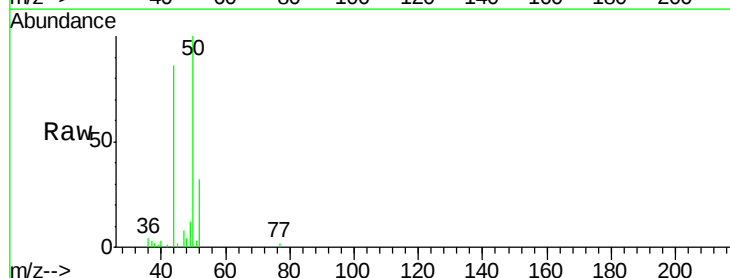
Acq: 13 Aug 2019 17:32

Tgt Ion: 50 Resp: 10036

Ion Ratio Lower Upper

50 100

52 32.2 23.5 43.7



Abundance Ion 50.00 (49.70 to 50.70): VU033787.D (-63) (-)

Ion 52.00 (51.70 to 52.70): VU033787.D (-63) (-)

10000

8000

6000

4000

2000

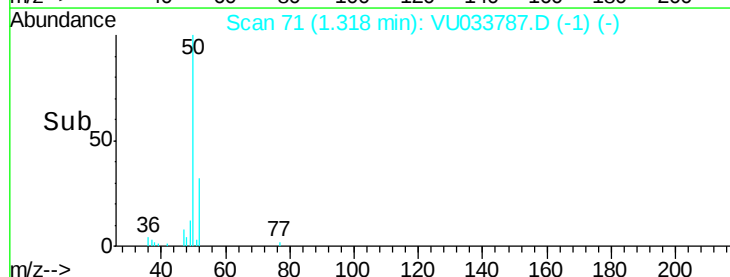
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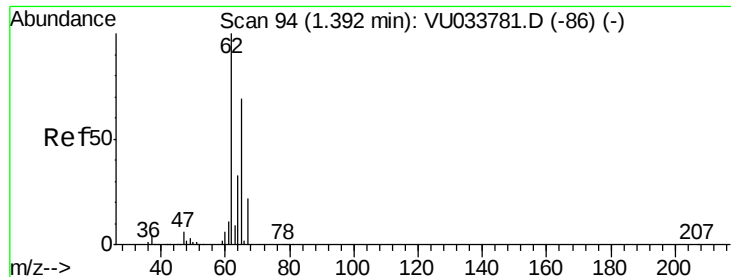
1.30

1.32

1.35

Time-->





#5

Vinyl chloride

Concen: 2.427 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Instrument :

MSVOA\_U

ClientSampled :

MDL06

Tot Ion: 62 Resp: 11121

Ion Ratio Lower Upper

62 100

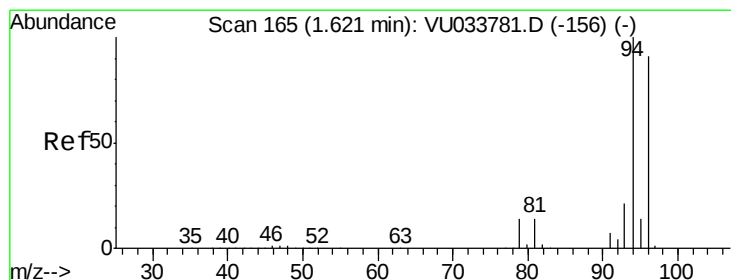
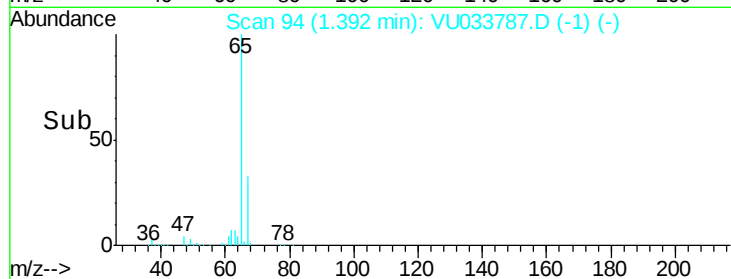
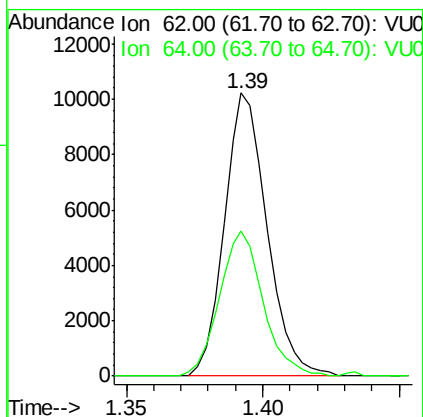
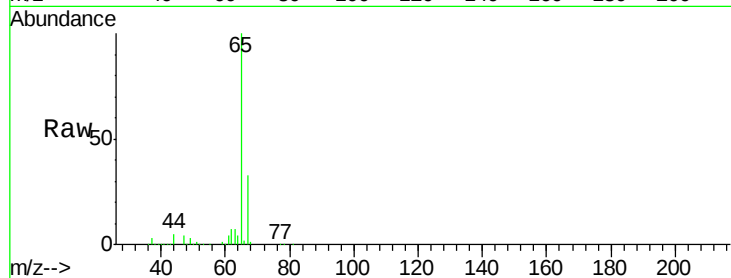
64 51.4 22.3 41.5#

Manual Integrations

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8/14/2019 10:44:53 AM



#6

Bromomethane

Concen: 2.063 ug/L

RT: 1.62 min Scan# 164

Delta R.T. -0.00 min

Lab File: VU033787.D

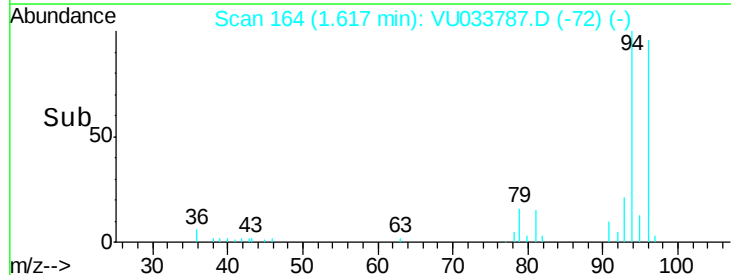
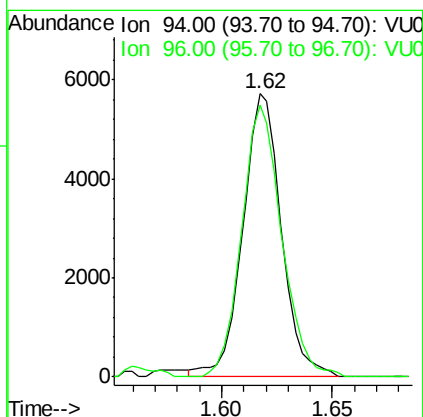
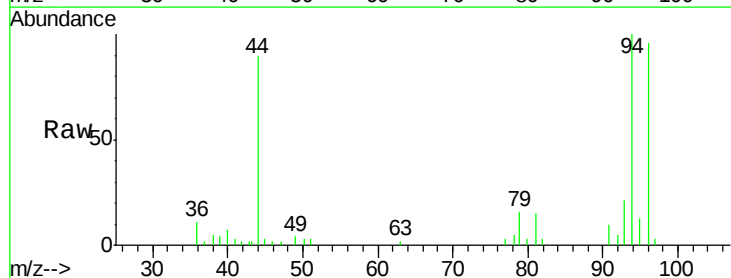
Acq: 13 Aug 2019 17:32

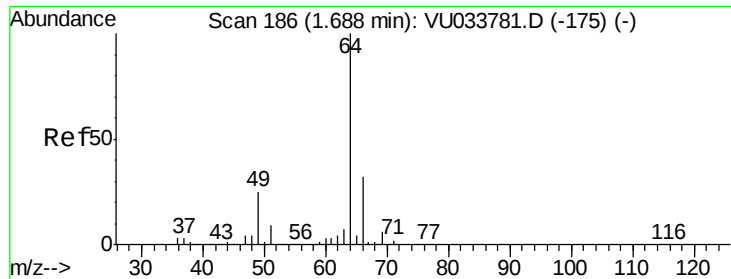
Tgt Ion: 94 Resp: 6939

Ion Ratio Lower Upper

94 100

96 96.1 64.5 119.7





#8

Chloroethane

Concen: 2.065 ug/L

RT: 1.69 min Scan# 186

Delta R.T. -0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Instrument :

MSVOA\_U

ClientSampleId :

MDL06

Tot Ion: 64 Resp: 6762

Ion Ratio Lower Upper

64 100

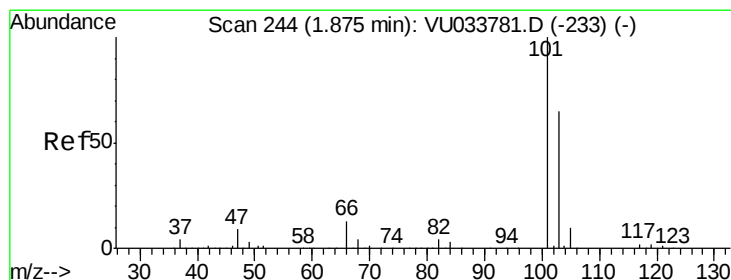
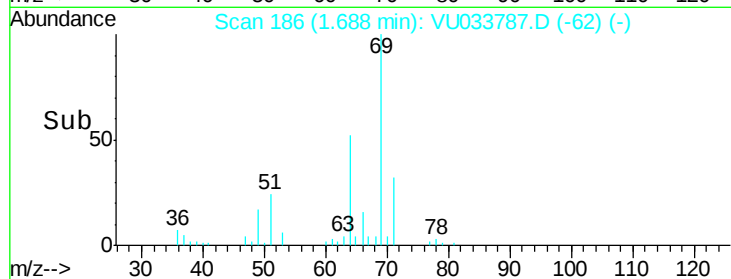
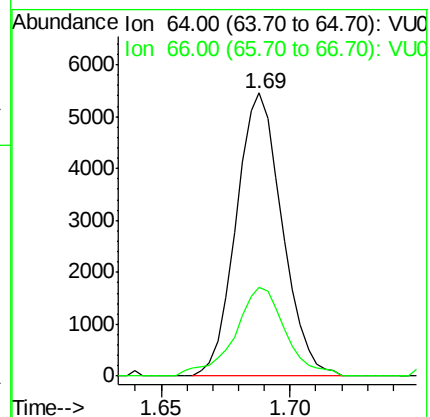
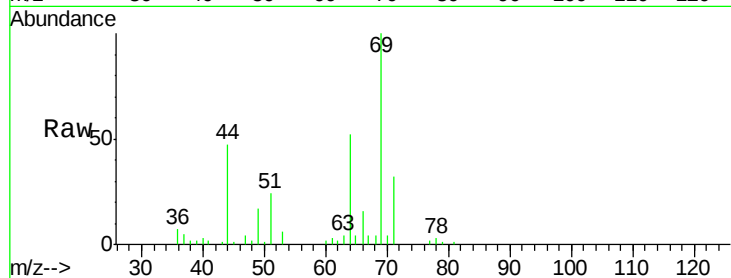
66 31.6 21.9 40.7

Manual Integrations

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MMDadoda

8/14/2019 10:44:53 AM



#9

Trichlorofluoromethane

Concen: 2.241 ug/L

RT: 1.87 min Scan# 244

Delta R.T. -0.00 min

Lab File: VU033787.D

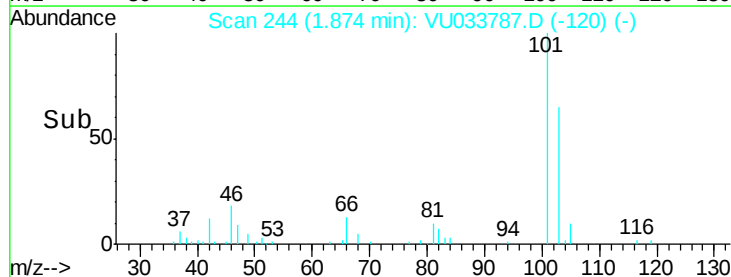
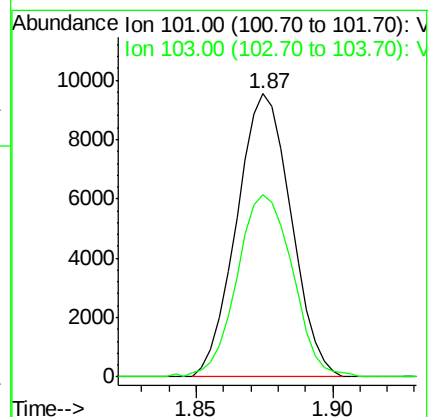
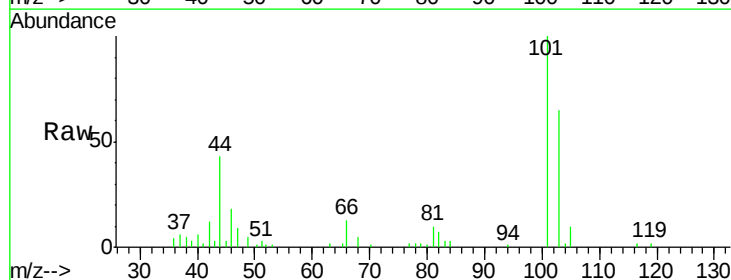
Acq: 13 Aug 2019 17:32

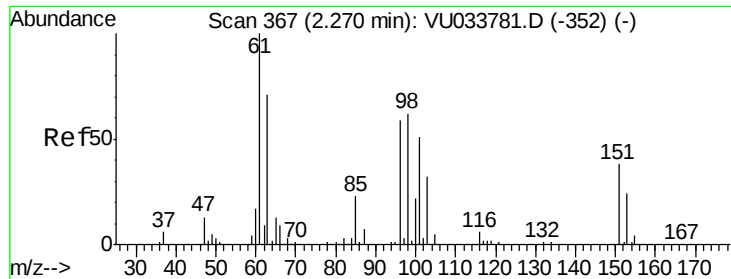
Tgt Ion: 101 Resp: 13193

Ion Ratio Lower Upper

101 100

103 65.6 52.2 78.4





#10

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

Concen: 3.064 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Instrument :

MSVOA\_U

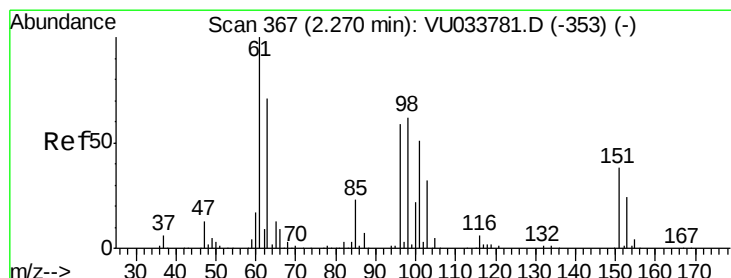
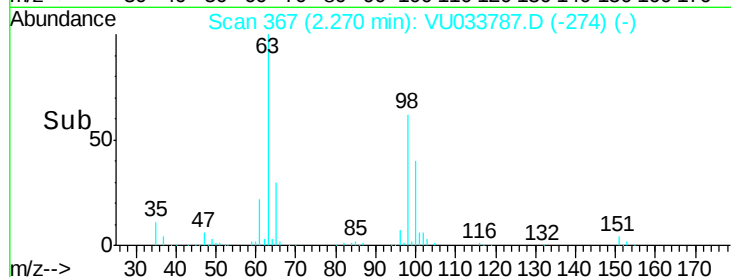
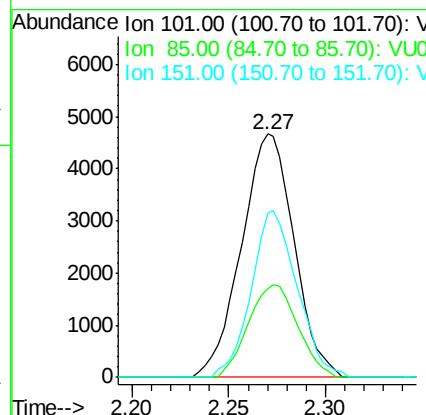
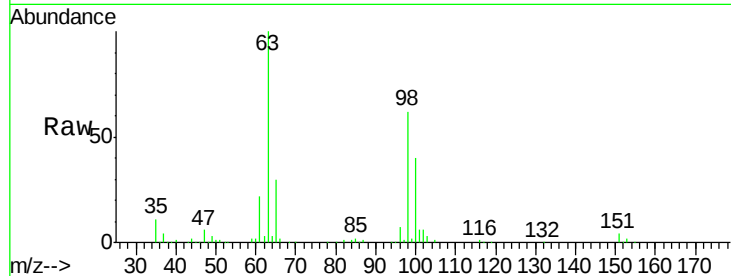
ClientSampled :

MDL06

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 101   | Resp: | 8828 |
| Ion Ratio | Lower | Upper |      |
| 101       | 100   |       |      |
| 85        | 35.8  | 35.2  | 52.8 |
| 151       | 60.0  | 58.5  | 87.7 |

Manual Integrations  
APPROVED

MMDadoda  
8/14/2019 10:44:53 AM



#12

1,1-Dichloroethene

Concen: 3.046 ug/L

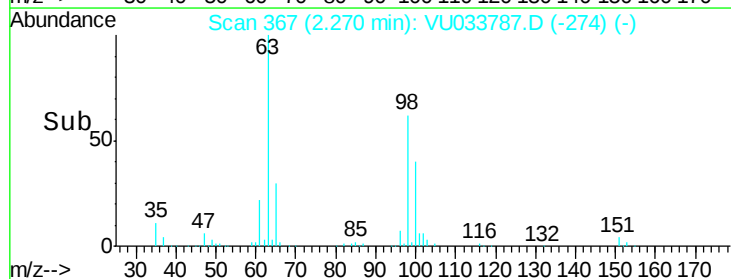
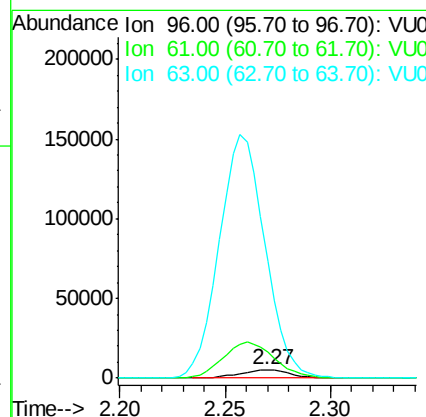
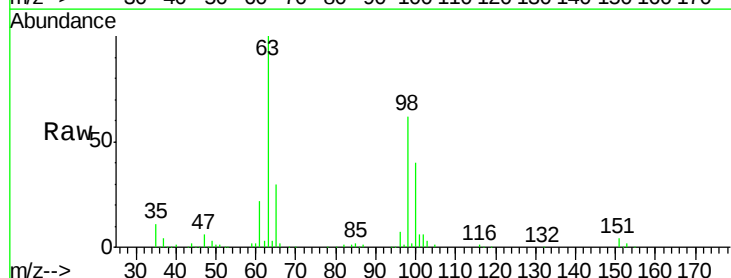
RT: 2.27 min Scan# 367

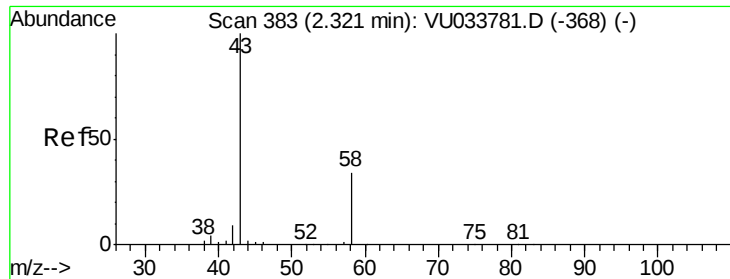
Delta R.T. -0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

|           |        |       |        |
|-----------|--------|-------|--------|
| Tgt Ion:  | 96     | Resp: | 8635   |
| Ion Ratio | Lower  | Upper |        |
| 96        | 100    |       |        |
| 61        | 309.7  | 121.5 | 225.7# |
| 63        | 1411.8 | 92.9  | 172.5# |





#13

Acetone

Concen: 4.421 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Instrument :

MSVOA\_U

ClientSampled :

MDL06

Tot Ion: 43 Resp: 8697

Ion Ratio Lower Upper

43 100

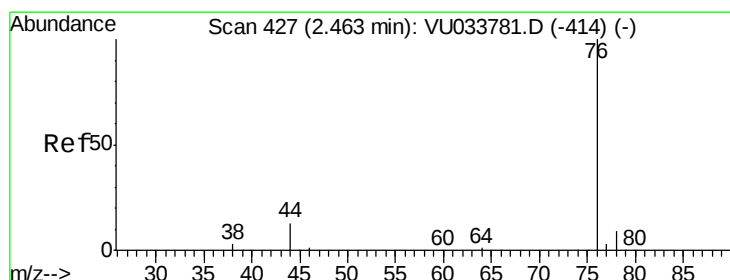
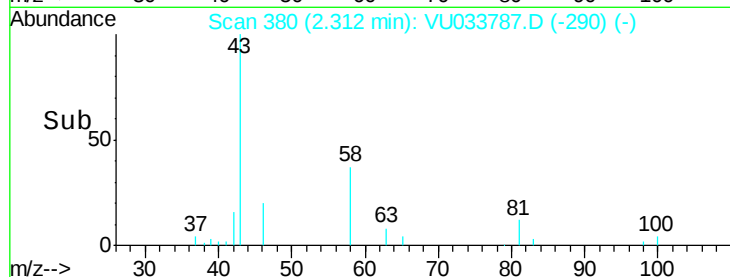
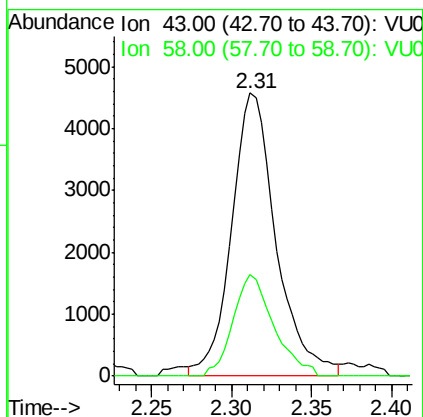
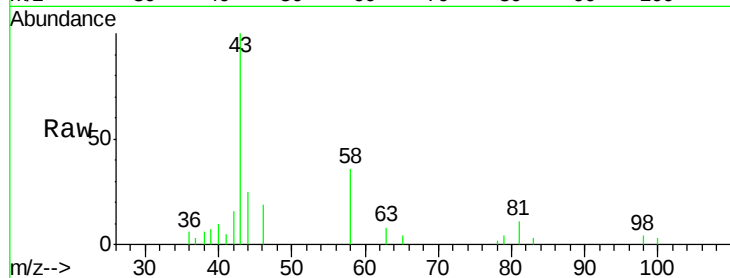
58 32.6 0.0 65.8

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MMDadoda

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#14

Carbon disulfide

Concen: 2.350 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.00 min

Lab File: VU033787.D

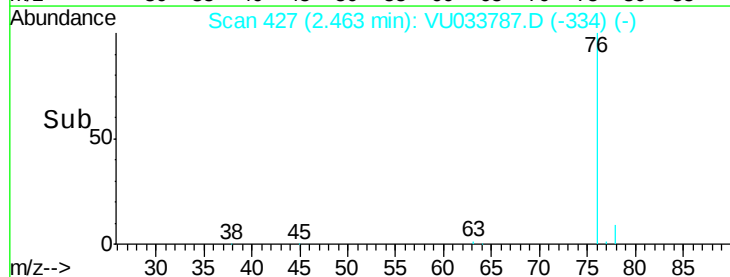
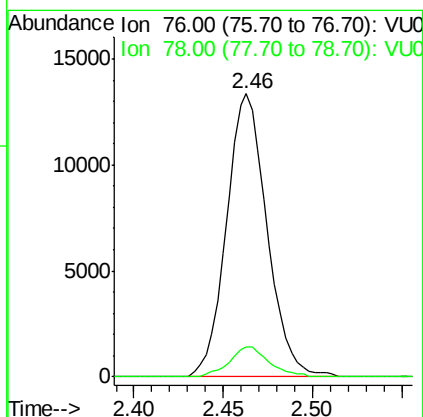
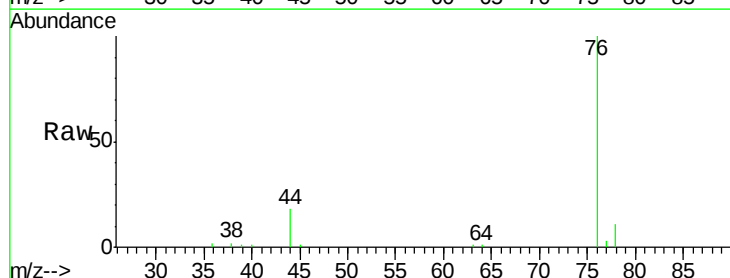
Acq: 13 Aug 2019 17:32

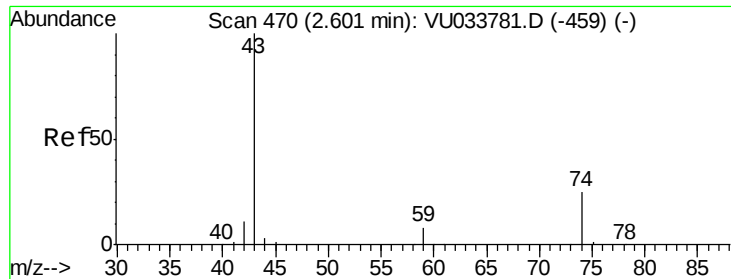
Tgt Ion: 76 Resp: 21088

Ion Ratio Lower Upper

76 100

78 10.8 7.3 10.9





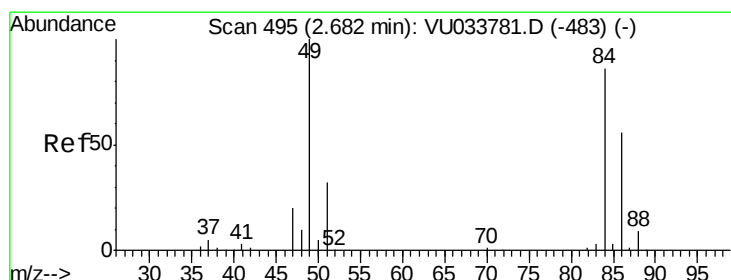
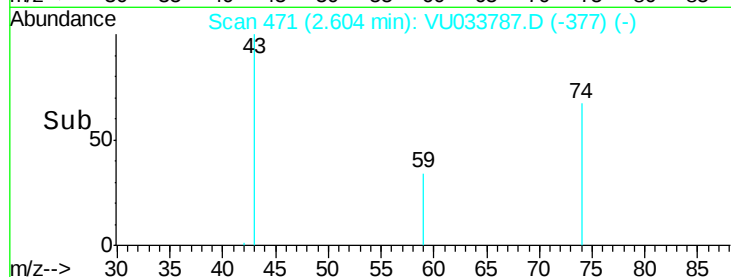
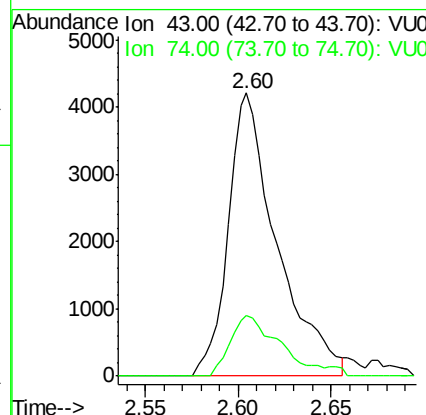
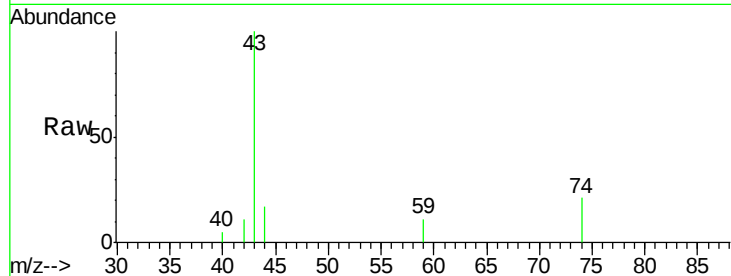
#15  
Methvl Acetate  
Concen: 2.332 ug/L  
RT: 2.60 min Scan# 471  
Delta R.T. 0.00 min  
Lab File: VU033787.D  
Acq: 13 Aug 2019 17:32

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL06

Tot Ion: 43 Resp: 7668  
Ion Ratio Lower Upper  
43 100  
74 20.8 20.3 30.5

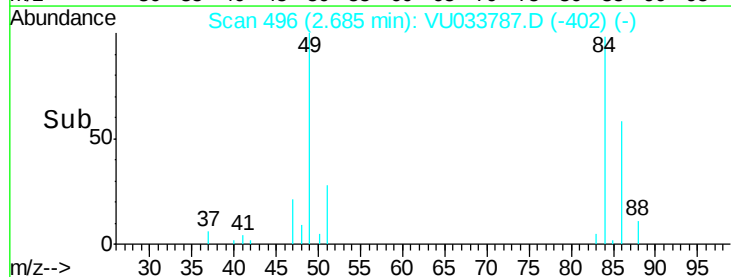
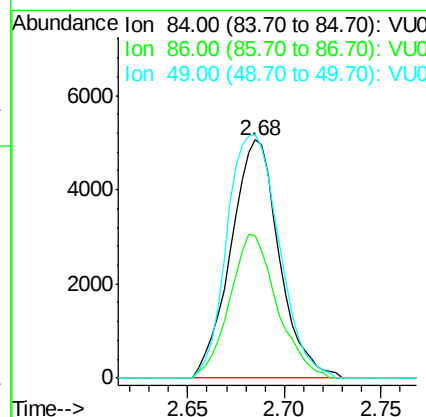
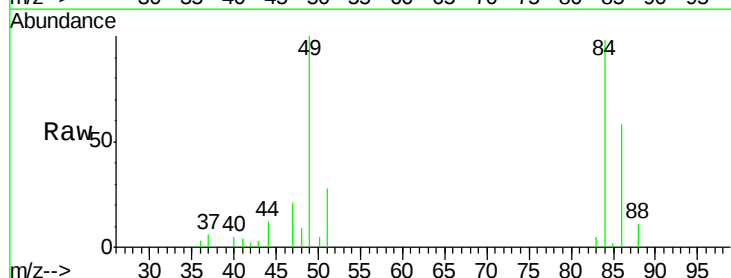
Manual Integrations  
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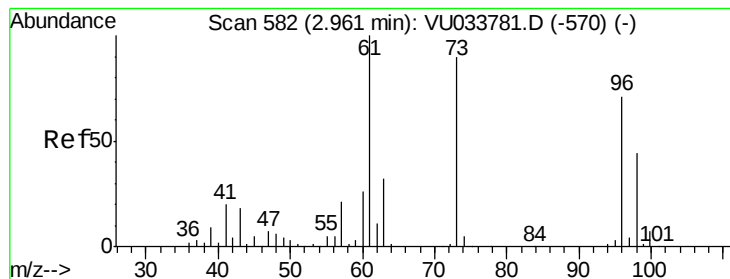
MMDadoda  
8/14/2019 10:44:53 AM



#16  
Methylene chloride  
Concen: 2.723 ug/L  
RT: 2.68 min Scan# 496  
Delta R.T. 0.00 min  
Lab File: VU033787.D  
Acq: 13 Aug 2019 17:32

Tgt Ion: 84 Resp: 8813  
Ion Ratio Lower Upper  
84 100  
86 59.6 45.4 84.4  
49 102.2 84.9 157.7





#17

trans-1,2-Dichloroethene

Concen: 2.328 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Instrument :

MSVOA\_U

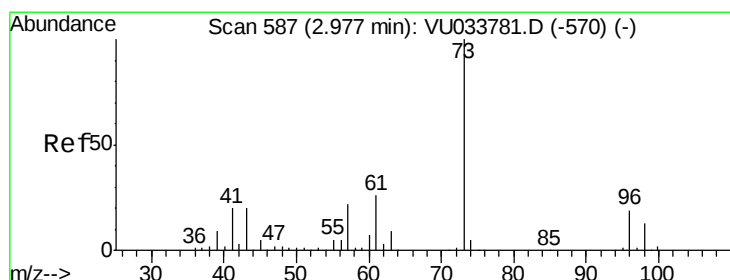
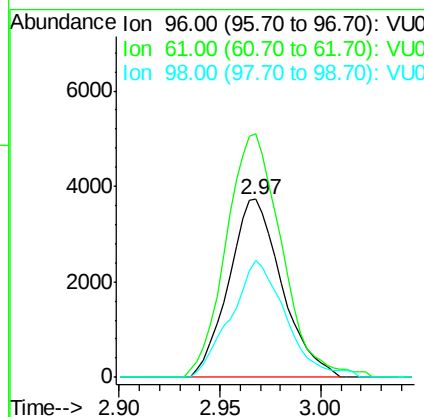
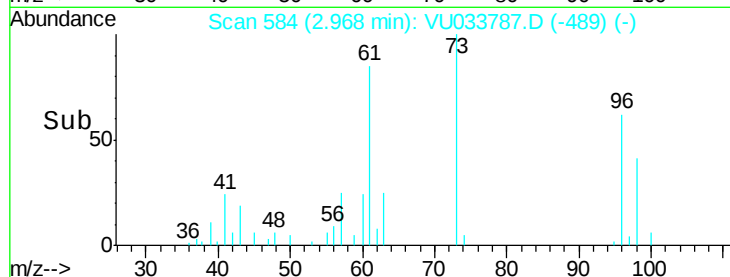
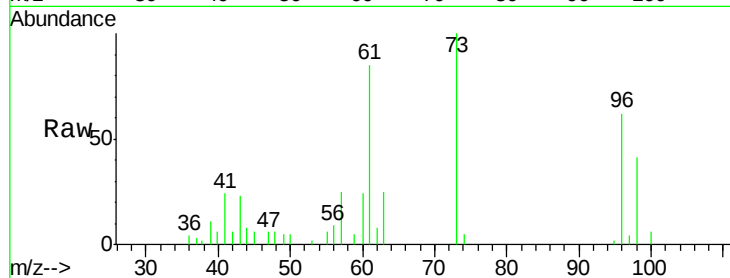
ClientSampleId :

MDL06

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 6869  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 136.8 | 98.8  | 183.6 |
| 98       | 65.9  | 44.6  | 82.8  |

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8/14/2019 10:44:53 AM



#18

Methyl tert-butyl Ether

Concen: 2.227 ug/L

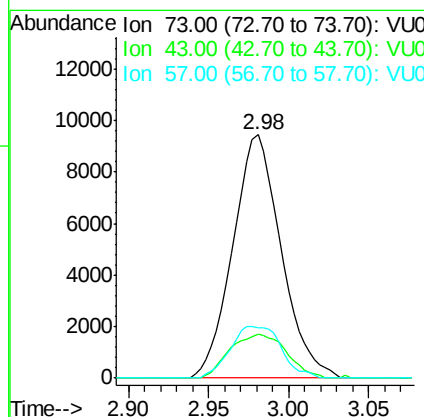
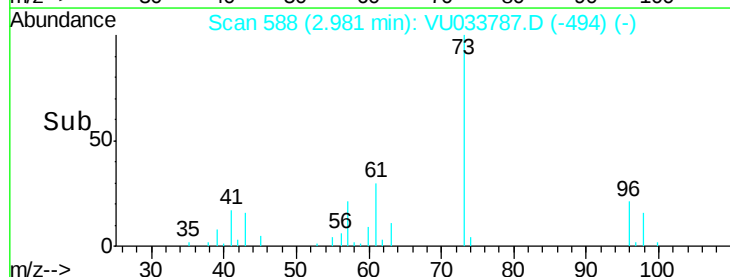
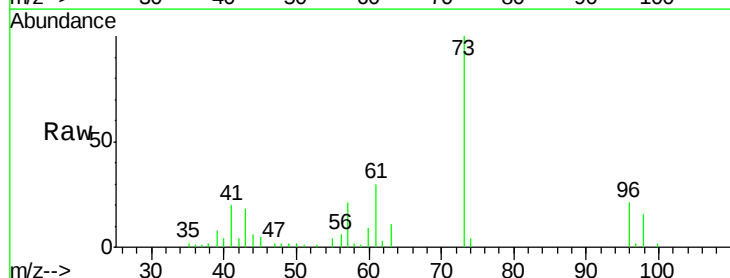
RT: 2.98 min Scan# 588

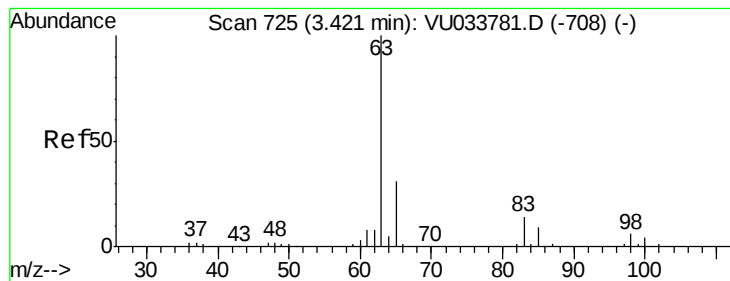
Delta R.T. 0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 73    | Resp: | 19534 |
| Ion      | Ratio | Lower | Upper |
| 73       | 100   |       |       |
| 43       | 21.2  | 15.4  | 23.2  |
| 57       | 22.4  | 17.9  | 26.9  |





#19

1,1-Dichloroethane

Concen: 2.323 ug/L

RT: 3.42 min Scan# 726

Delta R.T. 0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Instrument :

MSVOA\_U

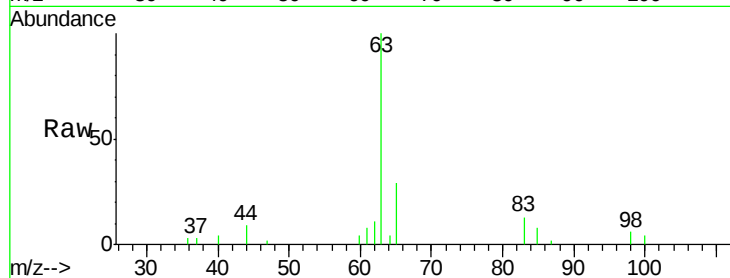
ClientSampleId :

MDL06

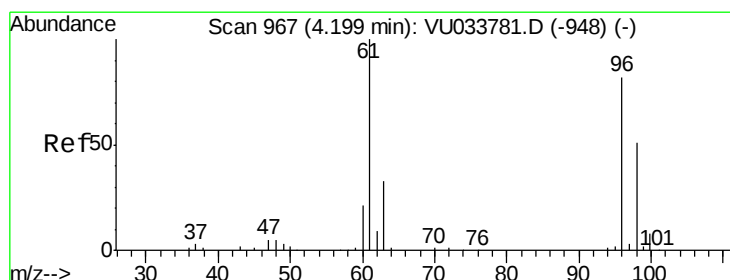
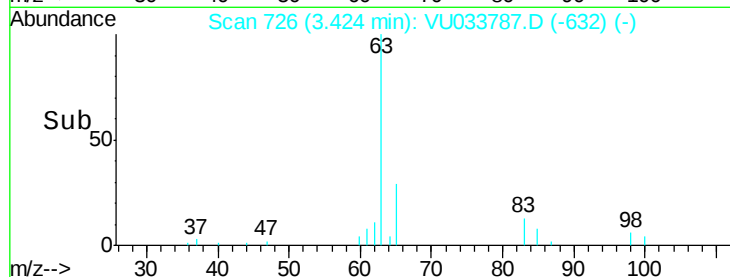
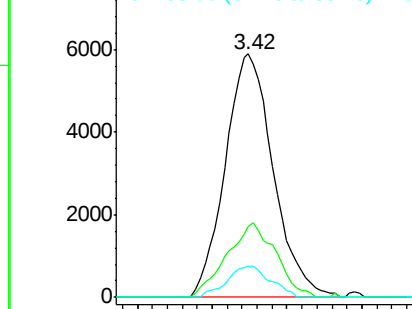
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 63    | Resp: | 13166 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 29.0  | 22.8  | 42.4  |
| 83       | 12.8  | 9.5   | 17.7  |

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Abundance Ion 63.00 (62.70 to 63.70): VU0  
Ion 65.00 (64.70 to 65.70): VU0  
Ion 83.00 (82.70 to 83.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 2.368 ug/L m

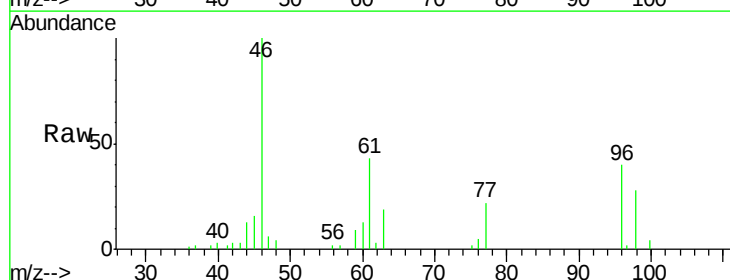
RT: 4.21 min Scan# 970

Delta R.T. 0.01 min

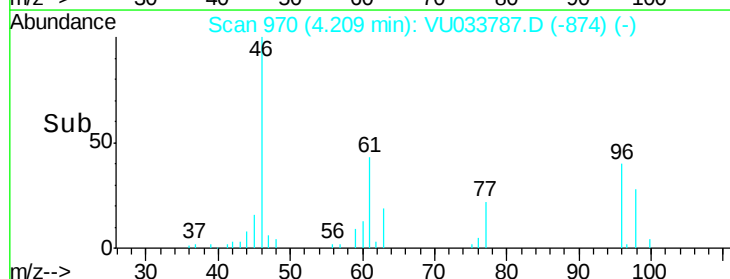
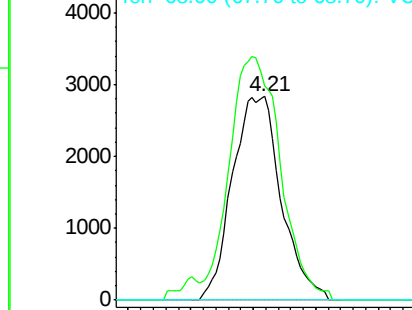
Lab File: VU033787.D

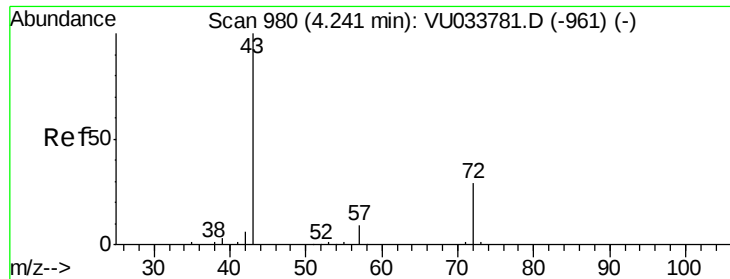
Acq: 13 Aug 2019 17:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 7670  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 105.5 | 88.3  | 163.9 |
| 68       | 0.0   | 0.0   | 0.0   |



Abundance Ion 96.00 (95.70 to 96.70): VU0  
Ion 61.00 (60.70 to 61.70): VU0  
Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 3.931 ug/L

RT: 4.26 min Scan# 985

Delta R.T. 0.02 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Instrument :

MSVOA\_U

ClientSampleId :

MDL06

Tot Ion: 43 Resp: 9396

Ion Ratio Lower Upper

43 100

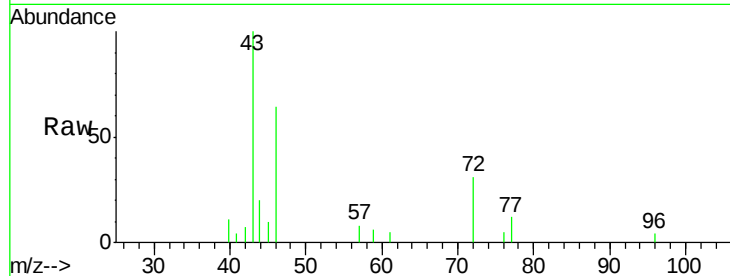
72 17.0 14.5 43.5

Manual Integrations

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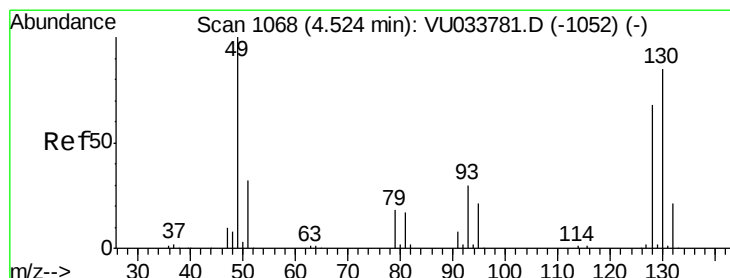
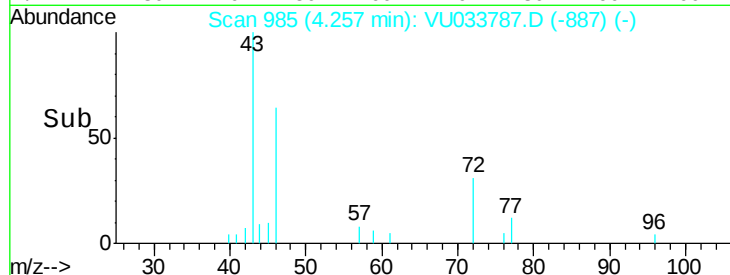
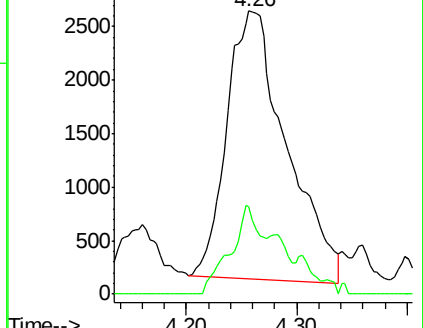
MMDadoda

8/14/2019 10:44:53 AM



Abundance Ion 43.00 (42.70 to 43.70): VU033787.D (-961) (-)

Ion 72.00 (71.70 to 72.70): VU033787.D (-961) (-)



#23

Bromochloromethane

Concen: 2.280 ug/L

RT: 4.52 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Tgt Ion: 128 Resp: 3827

Ion Ratio Lower Upper

128 100

49 160.5 108.1 200.7

130 127.0 91.8 170.6

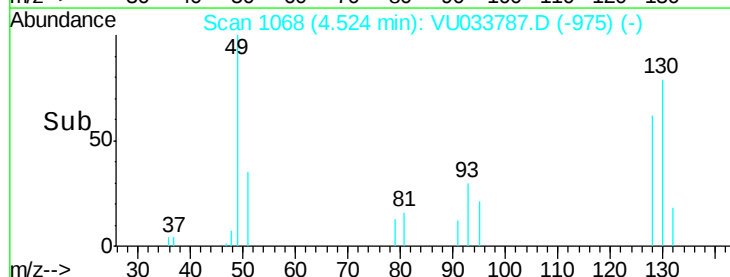
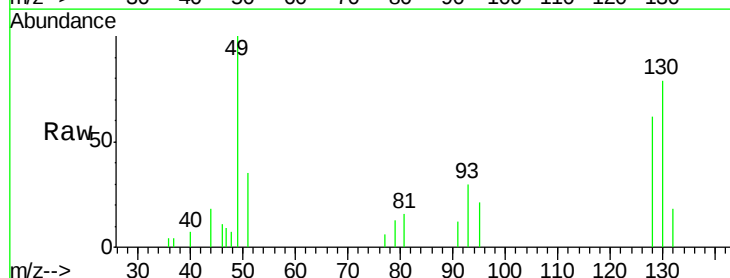
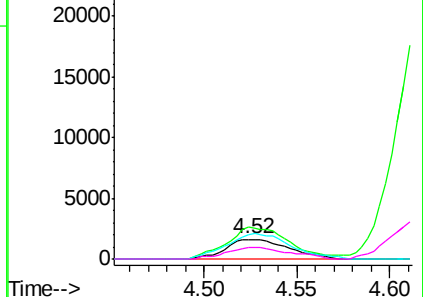
51 55.8 40.6 61.0

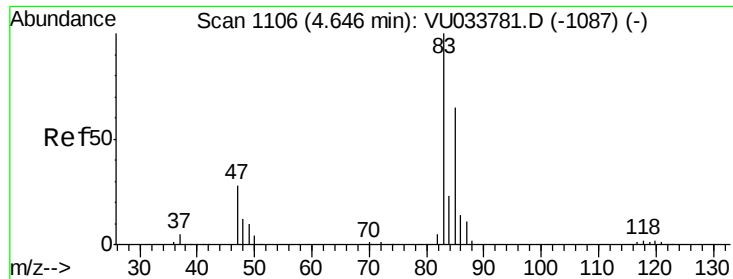
Abundance Ion 128.00 (127.70 to 128.70): VU033787.D (-1052) (-)

Ion 49.00 (48.70 to 49.70): VU033787.D (-1052) (-)

Ion 130.00 (129.70 to 130.70): VU033787.D (-1052) (-)

Ion 51.00 (50.70 to 51.70): VU033787.D (-1052) (-)





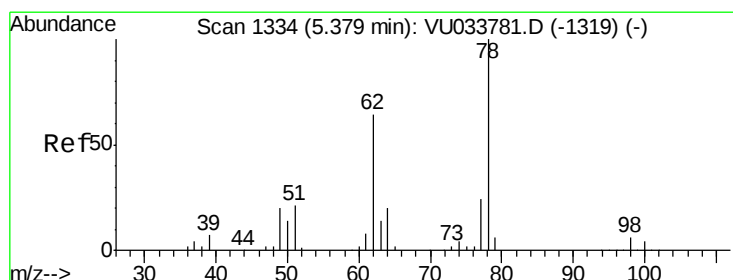
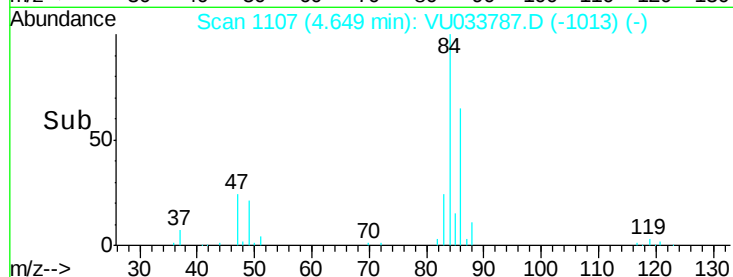
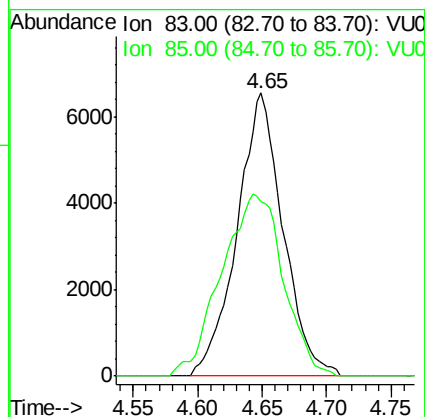
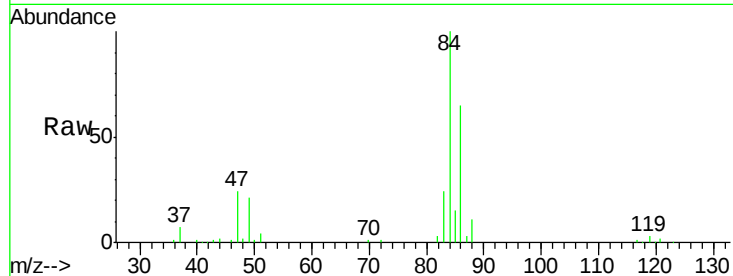
#25  
Chloroform  
Concen: 2.756 ug/L  
RT: 4.65 min Scan# 1107  
Delta R.T. 0.00 min  
Lab File: VU033787.D  
Acq: 13 Aug 2019 17:32

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL06

| Tot Ion   | 83   | Resp  | 16236 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 85        | 61.7 | 45.6  | 84.6  |

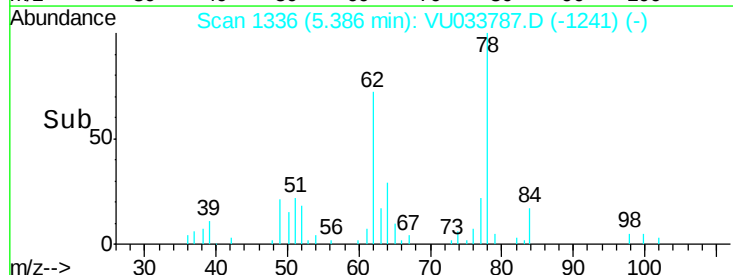
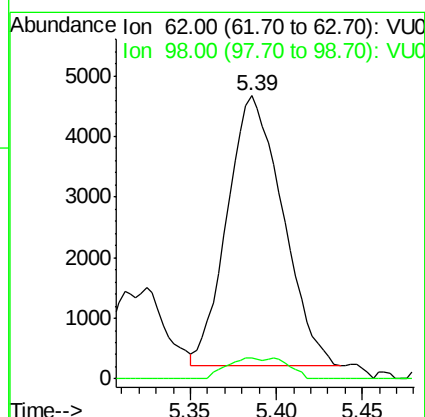
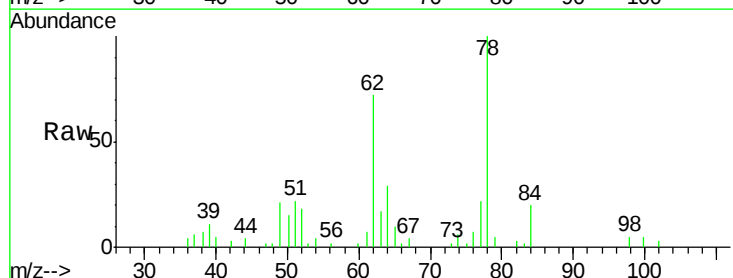
Manual Integrations  
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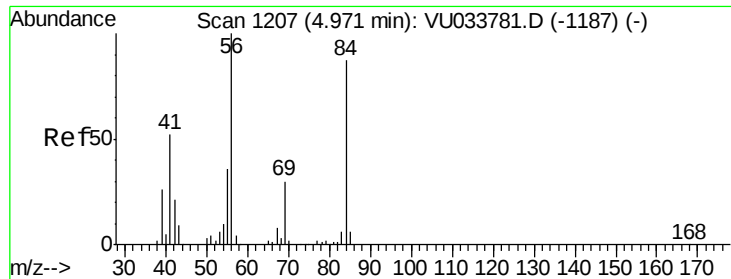
MMDadoda  
8/14/2019 10:44:53 AM



#27  
1,2-Dichloroethane  
Concen: 2.193 ug/L  
RT: 5.39 min Scan# 1336  
Delta R.T. 0.01 min  
Lab File: VU033787.D  
Acq: 13 Aug 2019 17:32

| Tgt Ion   | 62  | Resp  | 10035 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 98        | 7.3 | 7.4   | 11.0# |





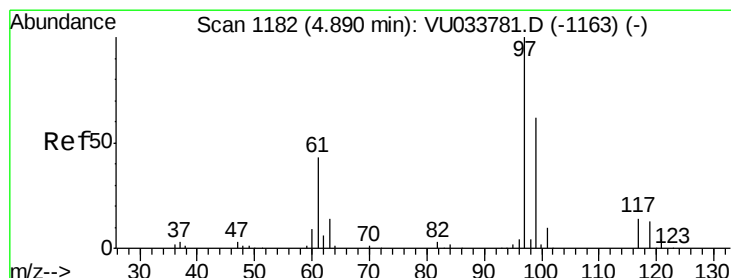
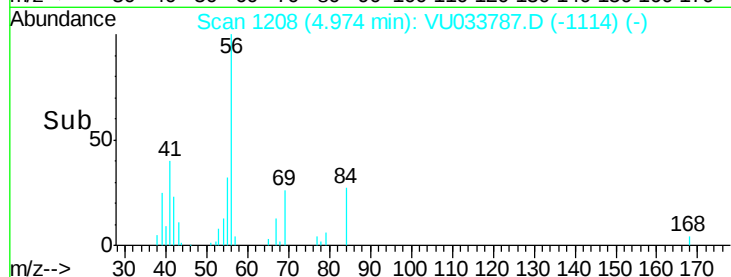
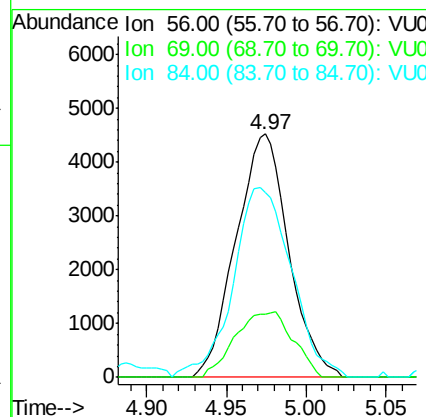
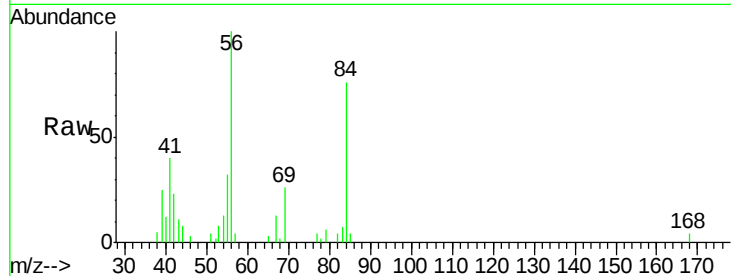
#29  
Cyclohexane  
Concen: 2.287 ug/L  
RT: 4.97 min Scan# 1208  
Delta R.T. 0.00 min  
Lab File: VU033787.D  
Acq: 13 Aug 2019 17:32

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL06

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.5  | 25.0  | 37.4  |
| 84      | 86.4  | 70.3  | 105.5 |

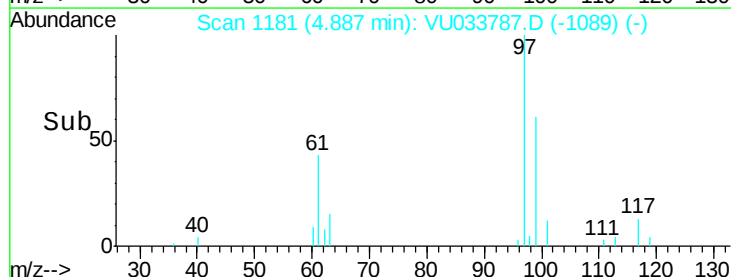
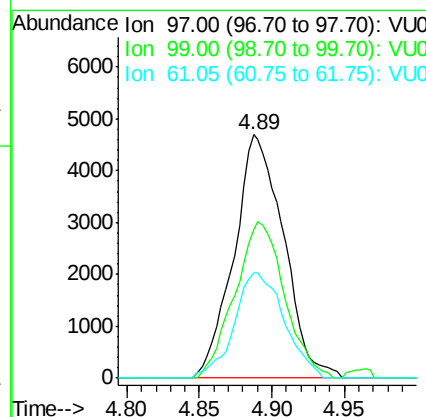
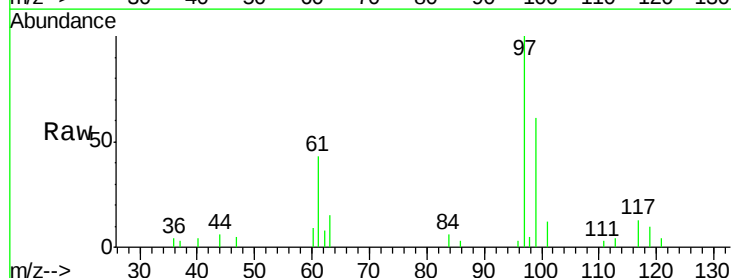
Manual Integrations  
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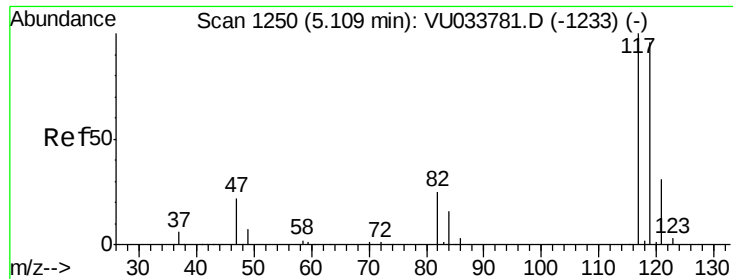
MMDadoda  
8/14/2019 10:44:53 AM



#30  
1,1,1-Trichloroethane  
Concen: 2.247 ug/L  
RT: 4.89 min Scan# 1181  
Delta R.T. -0.00 min  
Lab File: VU033787.D  
Acq: 13 Aug 2019 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.4  | 50.9  | 76.3  |
| 61      | 43.5  | 36.6  | 54.8  |





#31

Carbon tetrachloride

Concen: 2.276 ug/L m

RT: 5.11 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Instrument :

MSVOA\_U

ClientSampleId :

MDL06

Tot Ion:117 Resp: 10063

Ion Ratio Lower Upper

117 100

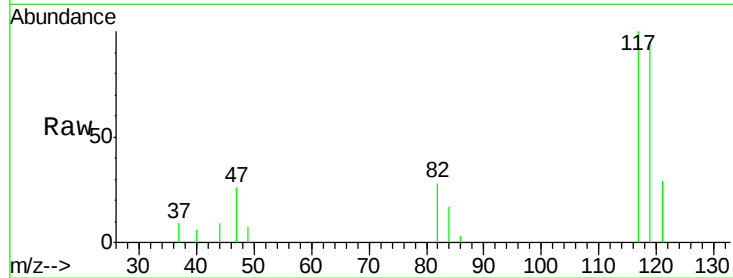
119 93.5 77.5 116.3

Manual Integrations

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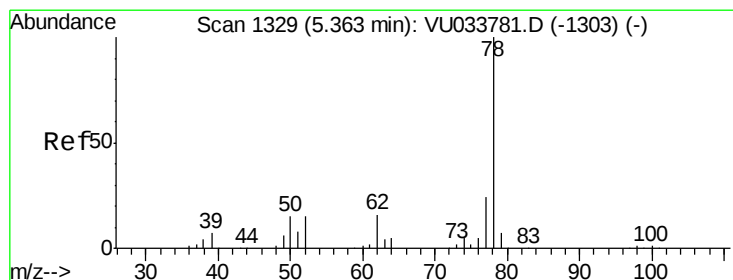
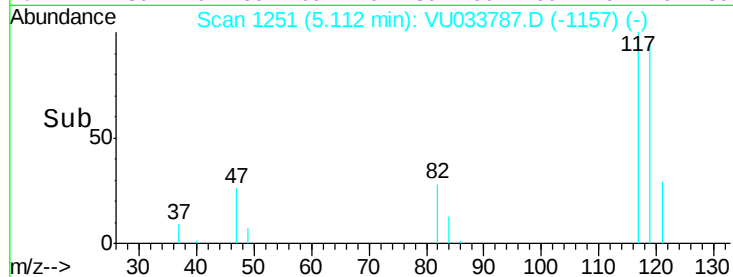
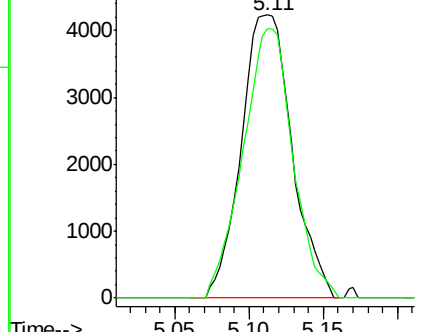
MMDadoda

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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 2.335 ug/L

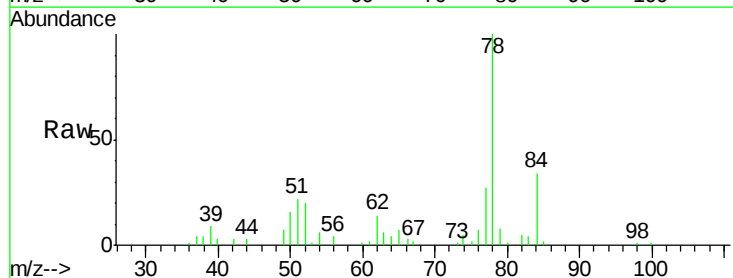
RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU033787.D

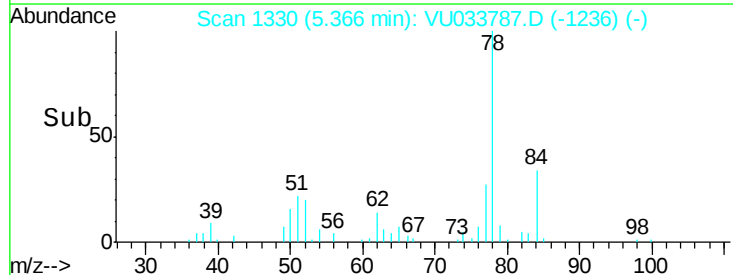
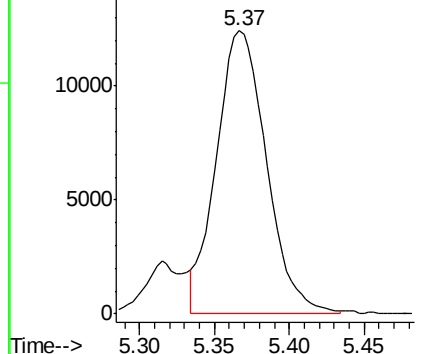
Acq: 13 Aug 2019 17:32

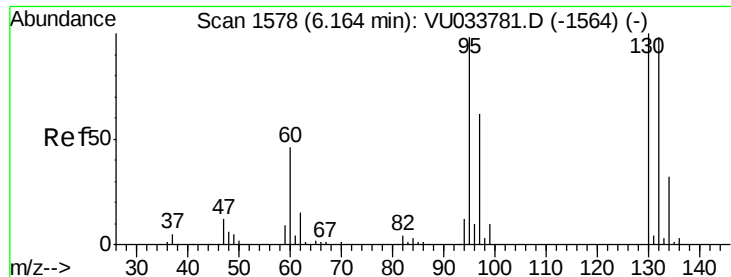
Tgt Ion: 78 Resp: 28983



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 84.00 (83.70 to 84.70): VU0





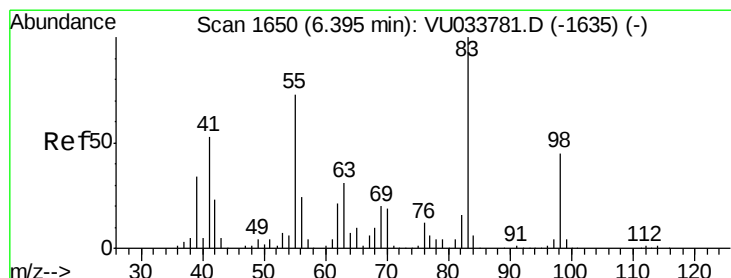
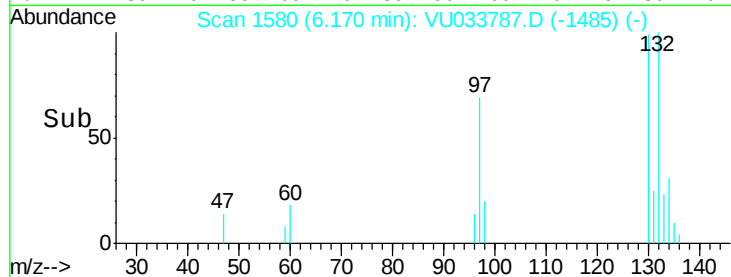
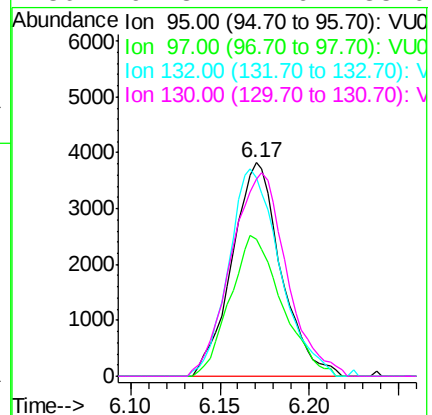
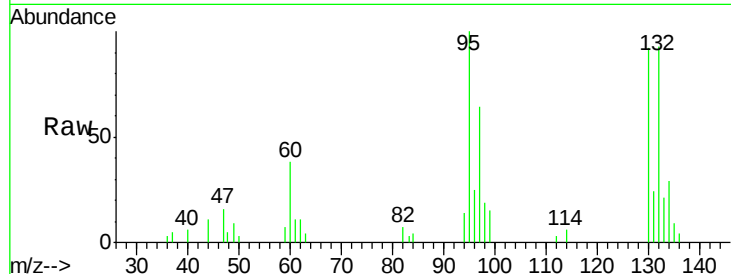
#34  
 Trichloroethene  
 Concen: 2.230 ug/L  
 RT: 6.17 min Scan# 1580  
 Delta R.T. 0.01 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL06

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 95    | Resp: | 7334  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 64.2  | 45.1  | 83.7  |
| 132      | 92.8  | 67.9  | 126.1 |
| 130      | 92.3  | 71.6  | 133.0 |

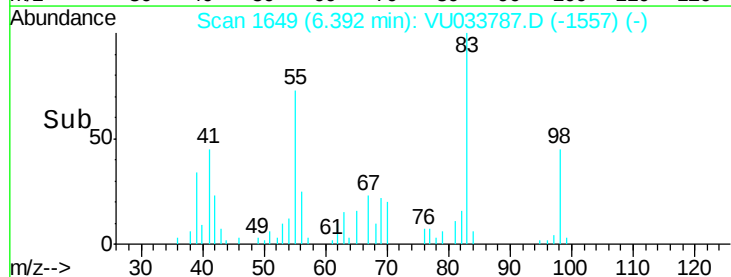
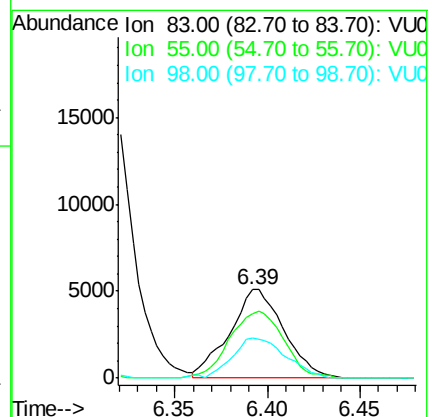
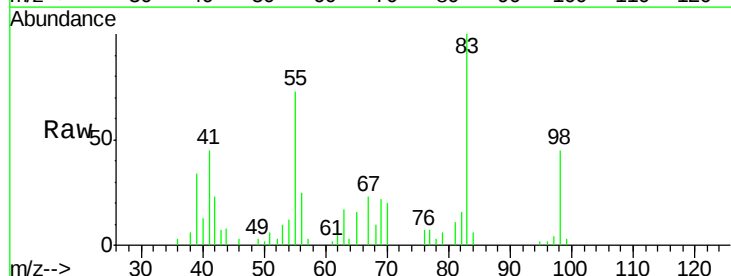
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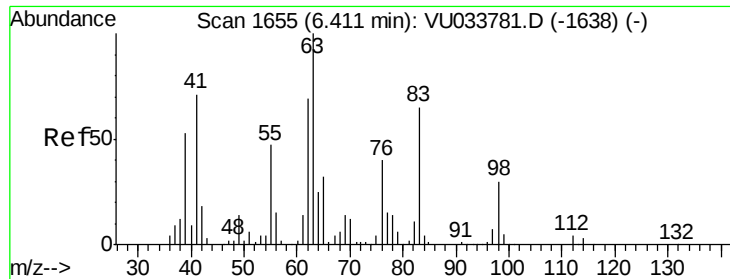
MMDadoda  
 8/14/2019 10:44:53 AM



#35  
 Methylcyclohexane  
 Concen: 2.161 ug/L  
 RT: 6.39 min Scan# 1649  
 Delta R.T. -0.00 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 10357 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 75.2  | 62.2  | 93.4  |
| 98       | 43.9  | 35.8  | 53.8  |





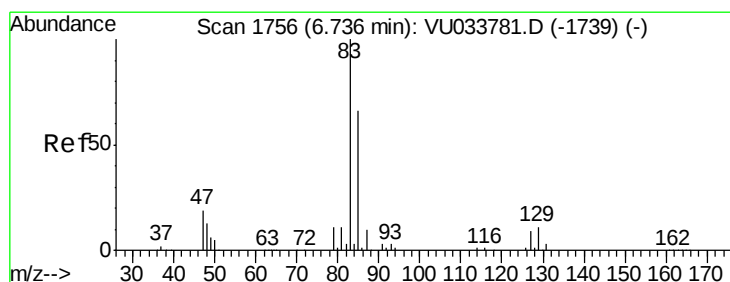
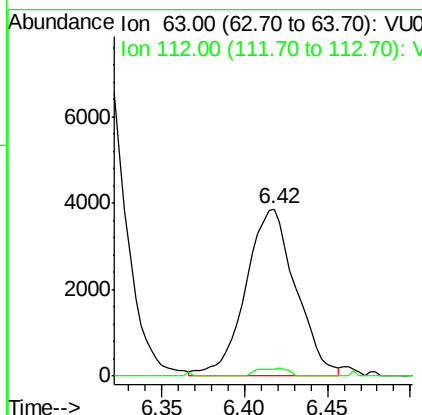
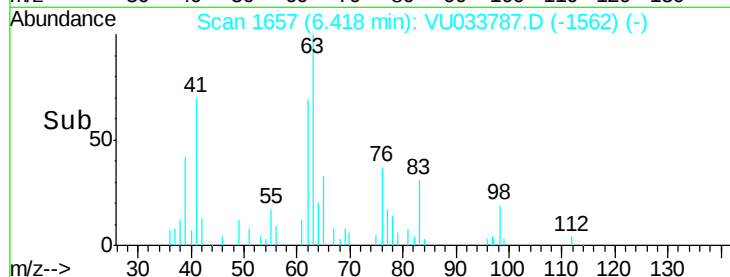
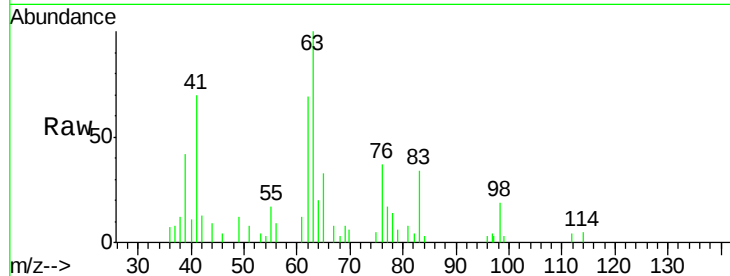
#37  
 1,2-Dichloropropane  
 Concen: 2.413 ug/L  
 RT: 6.42 min Scan# 1657  
 Delta R.T. 0.01 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL06

Tot Ion: 63 Resp: 8164  
 Ion Ratio Lower Upper  
 63 100  
 112 1.5 3.0 4.6#

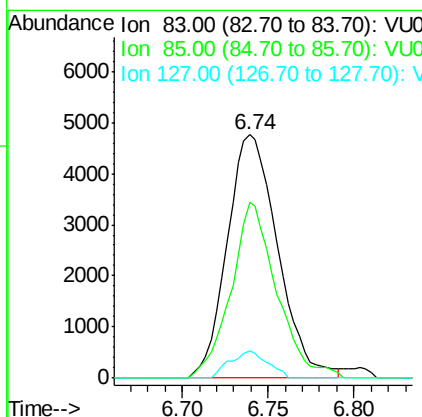
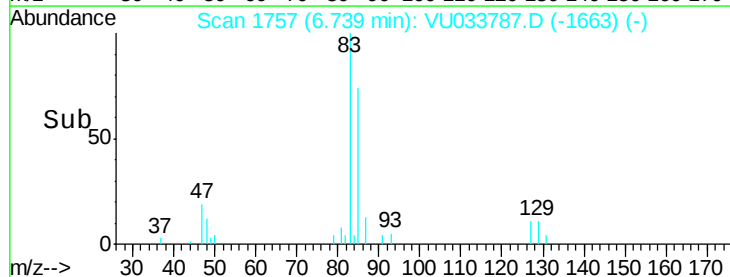
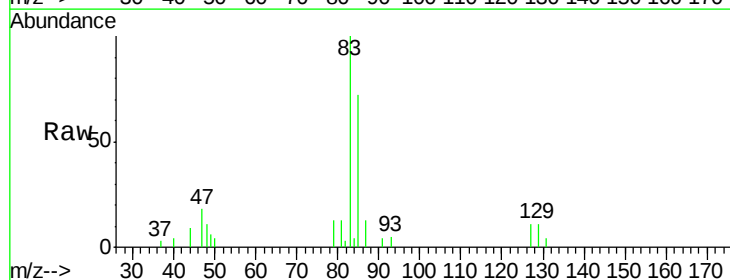
Manual Integrations  
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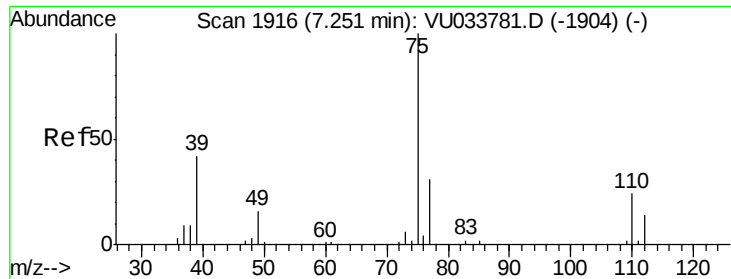
MMDadoda  
 8/14/2019 10:44:53 AM



#38  
 Bromodichloromethane  
 Concen: 2.226 ug/L  
 RT: 6.74 min Scan# 1757  
 Delta R.T. 0.00 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

Tgt Ion: 83 Resp: 9717  
 Ion Ratio Lower Upper  
 83 100  
 85 72.4 45.8 85.0  
 127 11.0 7.4 11.0





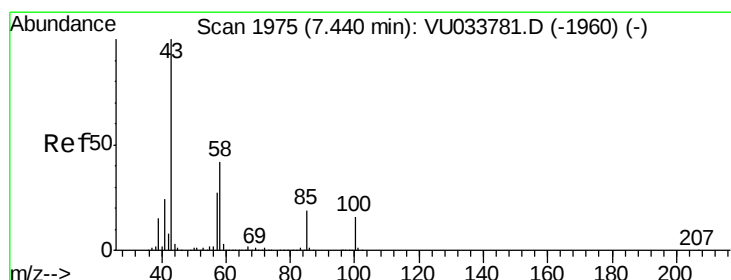
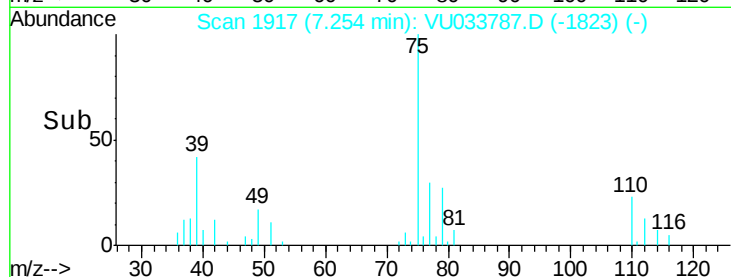
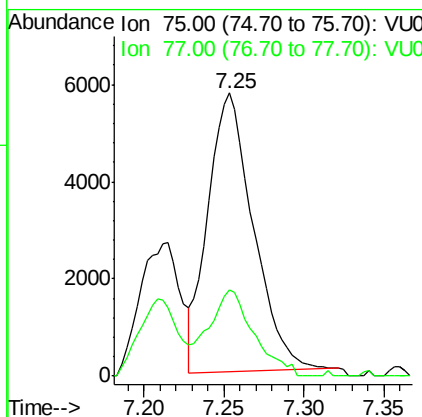
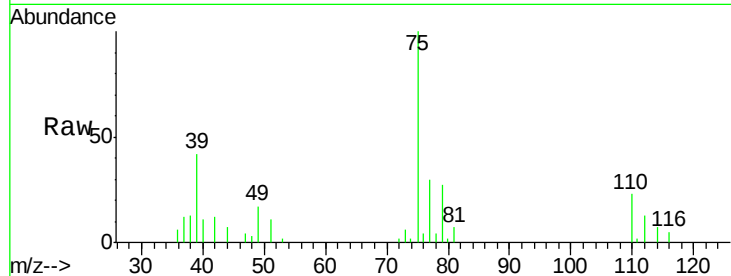
#39  
 cis-1,3-Dichloropropene  
 Concen: 2.262 ug/L  
 RT: 7.25 min Scan# 1917  
 Delta R.T. 0.00 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL06

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.4  | 22.0  | 40.8  |

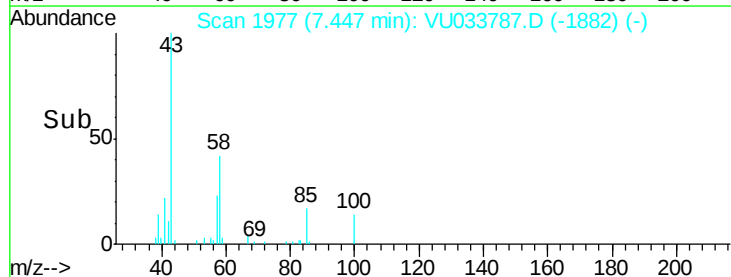
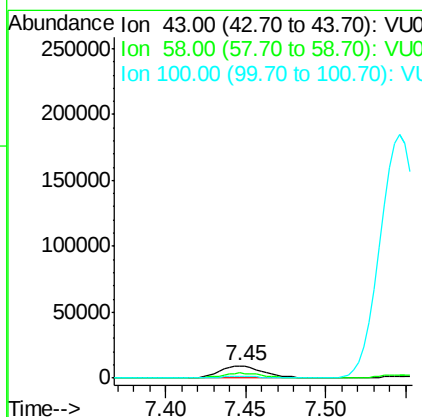
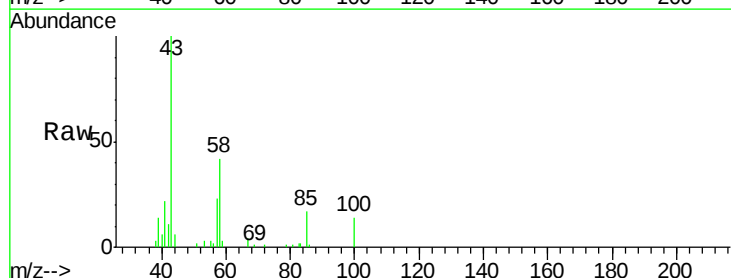
Manual Integrations  
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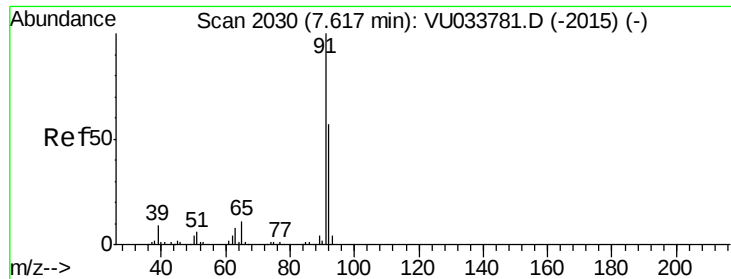
MMDadoda  
 8/14/2019 10:44:53 AM



#40  
 4-Methyl-2-pentanone  
 Concen: 4.129 ug/L  
 RT: 7.45 min Scan# 1977  
 Delta R.T. 0.01 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 39.2  | 32.5  | 48.7  |
| 100     | 13.6  | 12.2  | 18.2  |





#42

Toluene

Concen: 2.286 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Instrument :

MSVOA\_U

ClientSampleId :

MDL06

Tot Ion: 91 Resp: 29977

Ion Ratio Lower Upper

91 100

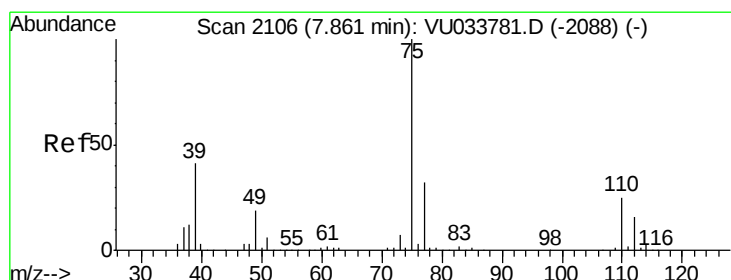
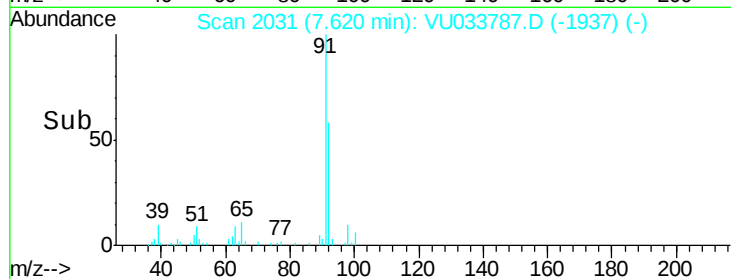
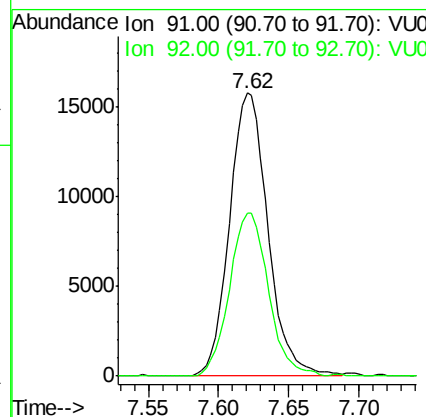
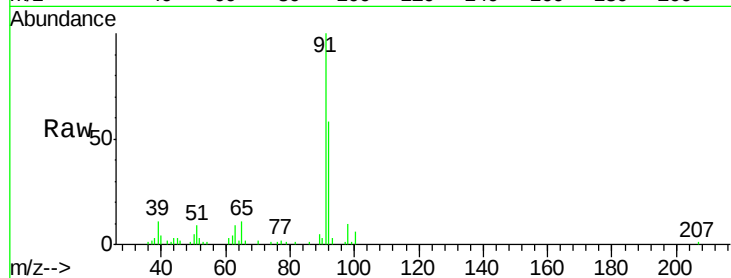
92 57.7 40.0 74.2

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MMDadoda

8/14/2019 10:44:53 AM



#44

trans-1,3-Dichloropropene

Concen: 2.276 ug/L

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VU033787.D

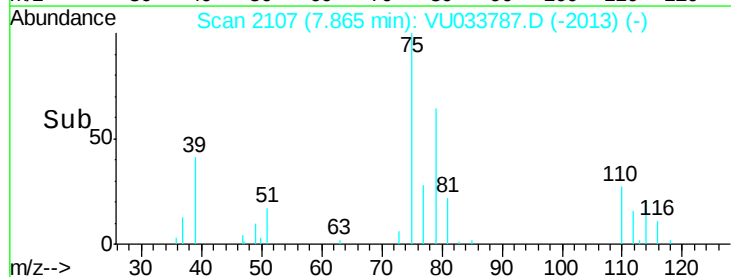
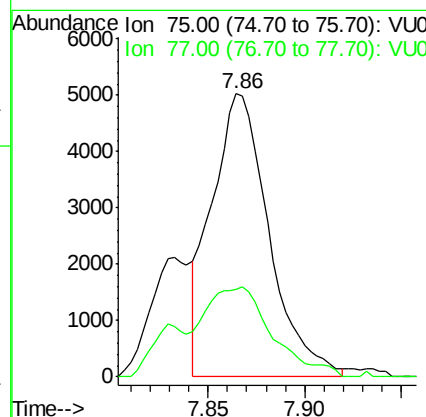
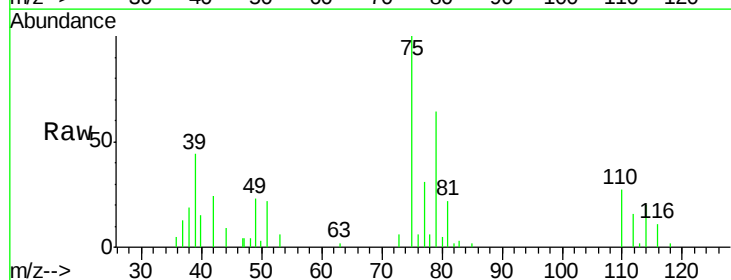
Acq: 13 Aug 2019 17:32

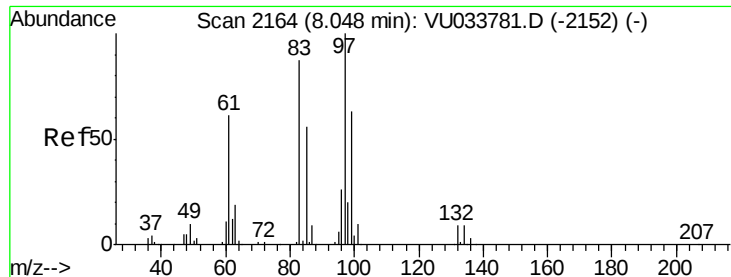
Tgt Ion: 75 Resp: 10352

Ion Ratio Lower Upper

75 100

77 31.0 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 2.097 ug/L

RT: 8.05 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Instrument :

MSVOA\_U

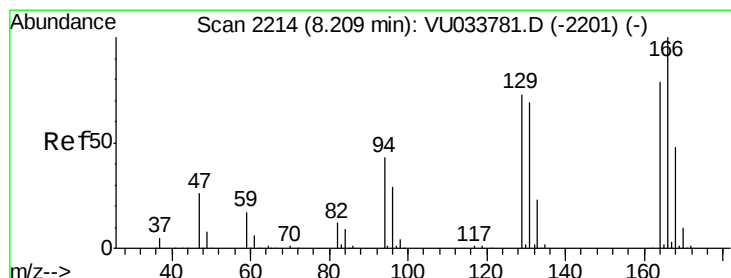
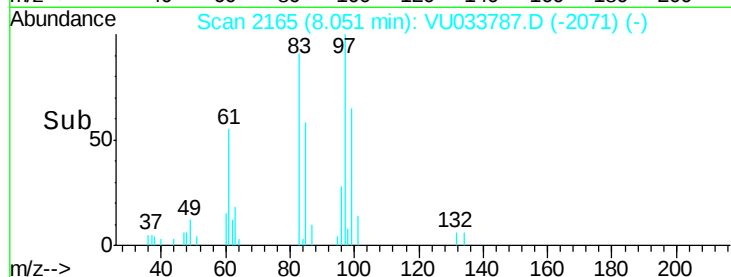
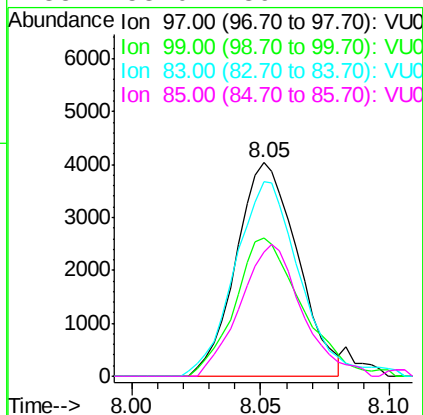
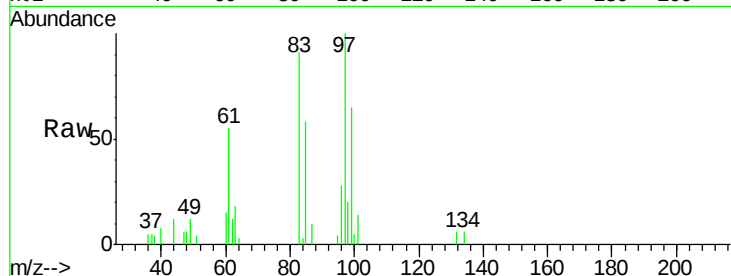
ClientSampleId :

MDL06

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 6694  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 64.7  | 43.5  | 80.9  |
| 83       | 90.8  | 61.8  | 114.8 |
| 85       | 58.0  | 39.1  | 72.7  |

Manual Integrations  
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MMDadoda  
8/14/2019 10:44:53 AM



#46

Tetrachloroethene

Concen: 2.243 ug/L

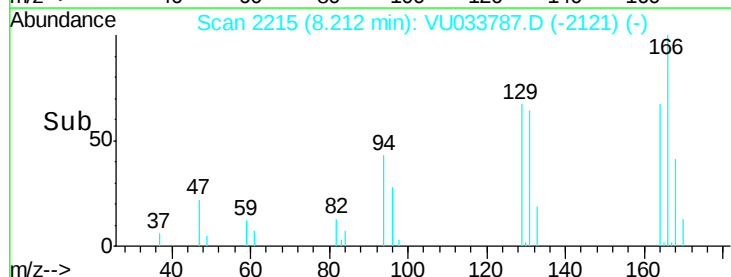
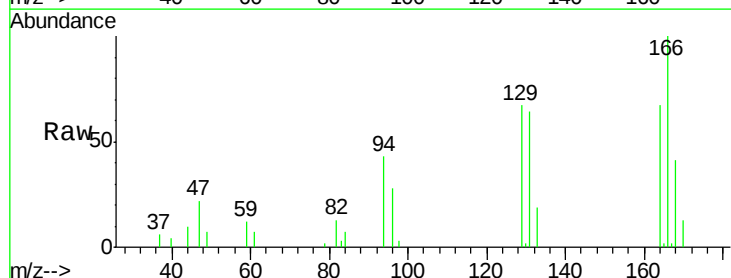
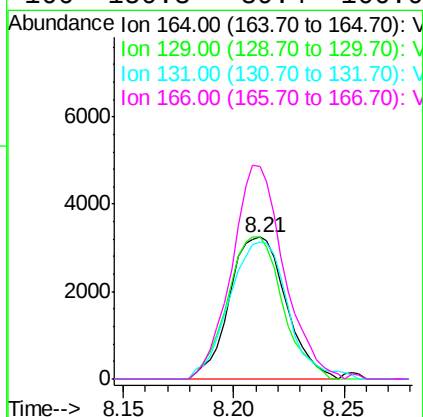
RT: 8.21 min Scan# 2215

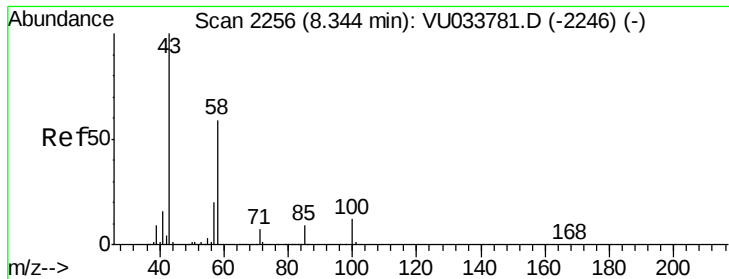
Delta R.T. 0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 5786  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 100.3 | 65.5  | 121.6 |
| 131      | 96.6  | 64.0  | 119.0 |
| 166      | 150.3 | 89.4  | 166.0 |





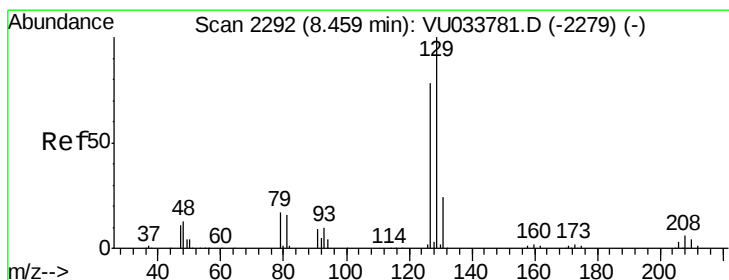
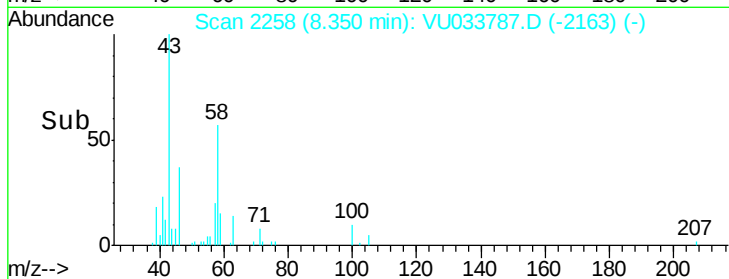
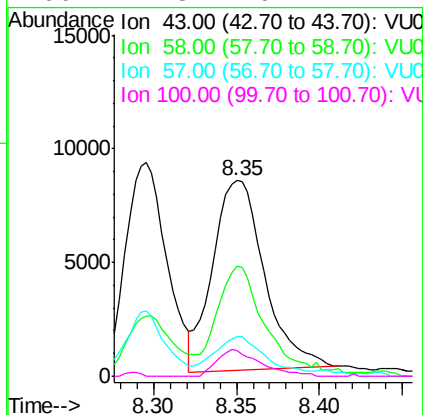
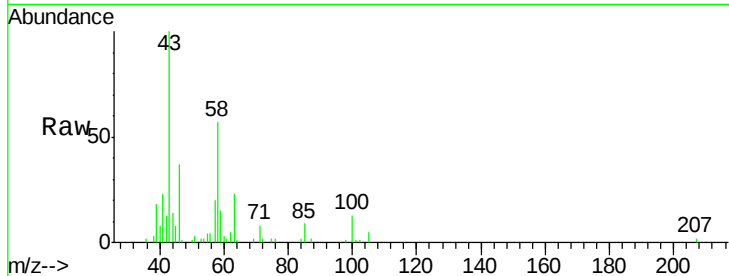
#48  
2-Hexanone  
Concen: 5.657 ug/L  
RT: 8.35 min Scan# 2258  
Delta R.T. 0.01 min  
Lab File: VU033787.D  
Acq: 13 Aug 2019 17:32

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL06

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 18224 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 52.2  | 45.4  | 68.0  |
| 57       | 20.9  | 15.4  | 23.0  |
| 100      | 11.8  | 9.4   | 14.2  |

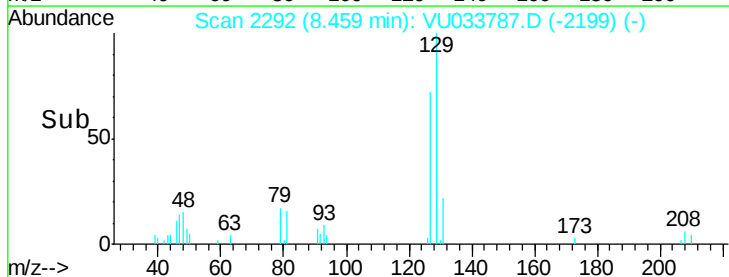
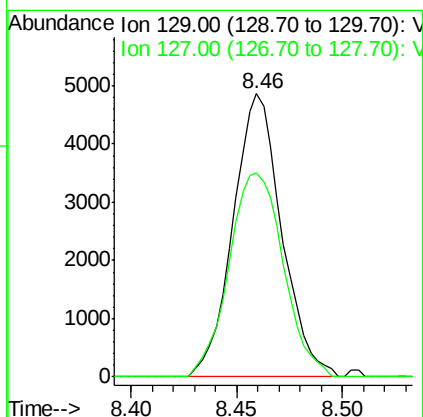
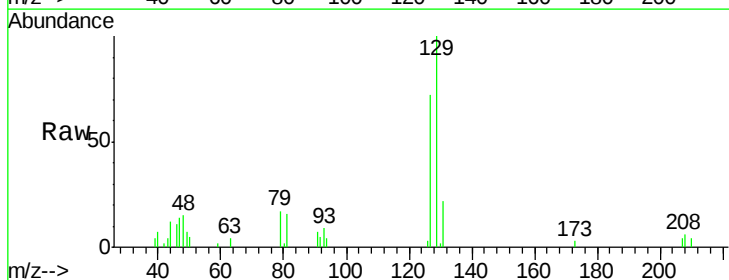
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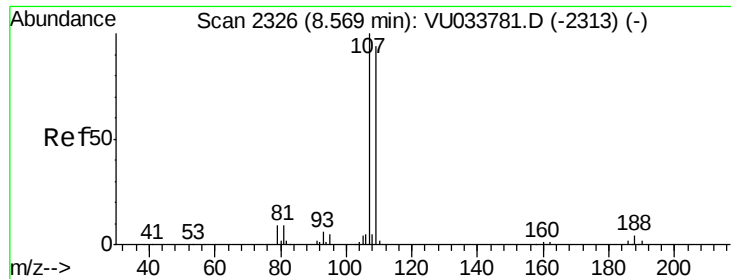
MMDadoda  
8/14/2019 10:44:53 AM



#49  
Dibromochloromethane  
Concen: 2.188 ug/L  
RT: 8.46 min Scan# 2292  
Delta R.T. -0.00 min  
Lab File: VU033787.D  
Acq: 13 Aug 2019 17:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 7797  |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 72.0  | 54.4  | 101.0 |





#50

1,2-Dibromoethane

Concen: 2.330 ug/L

RT: 8.57 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Instrument :

MSVOA\_U

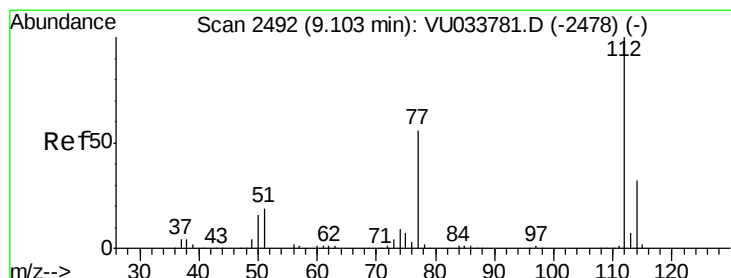
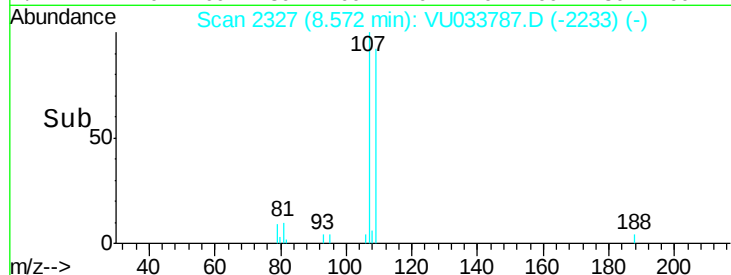
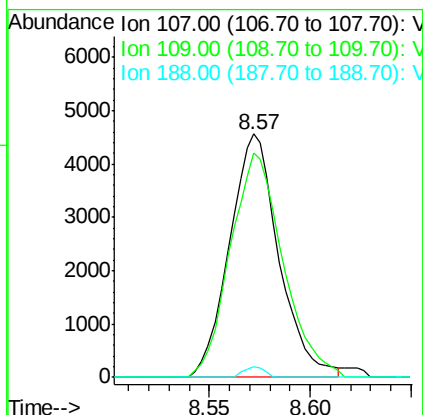
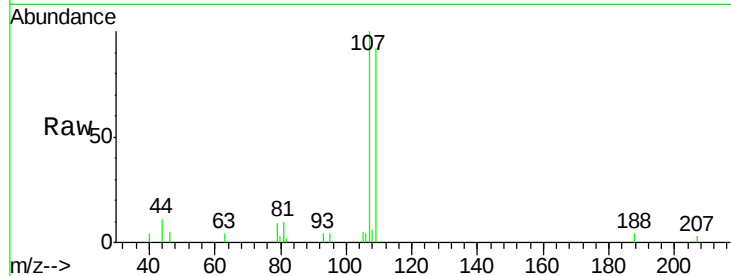
ClientSampleId :

MDL06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 7804  |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 109       | 92.0  | 66.0  | 122.6 |
| 188       | 4.2   | 3.0   | 4.6   |

Manual Integrations  
APPROVED

MMDadoda  
8/14/2019 10:44:53 AM



#51

Chlorobenzene

Concen: 2.320 ug/L

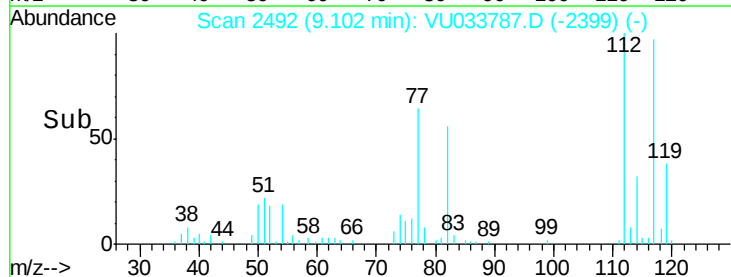
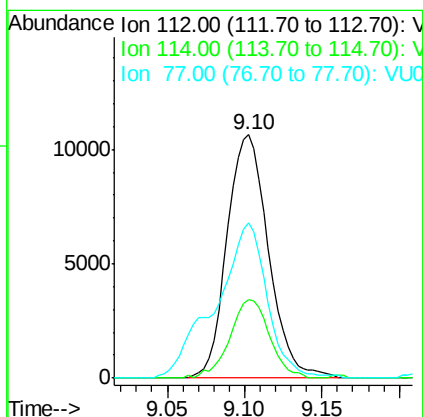
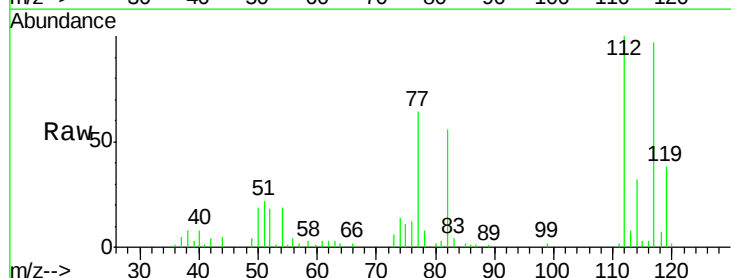
RT: 9.10 min Scan# 2492

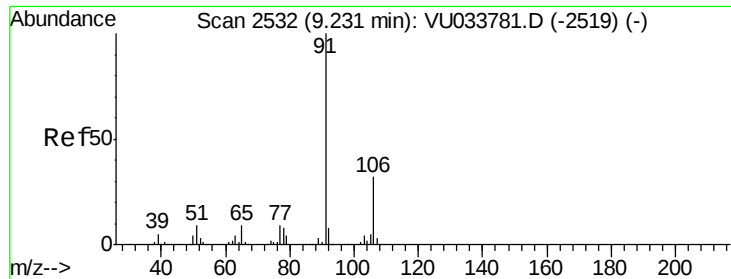
Delta R.T. -0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 19794 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 114       | 32.2  | 22.4  | 41.6  |
| 77        | 63.7  | 46.2  | 69.4  |





#52

Ethylbenzene

Concen: 2.090 ug/L

RT: 9.23 min Scan# 2533

Delta R.T. 0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Instrument :

MSVOA\_U

ClientSampleId :

MDL06

Tot Ion: 91 Resp: 28835

Ion Ratio Lower Upper

91 100

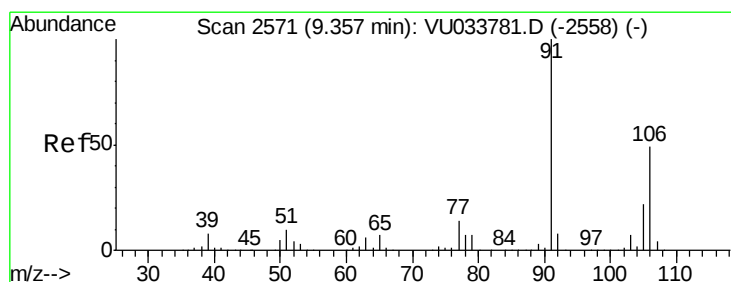
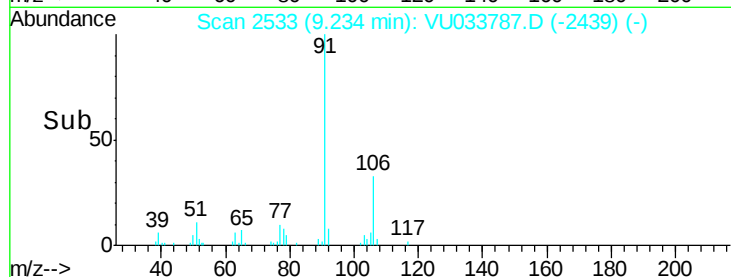
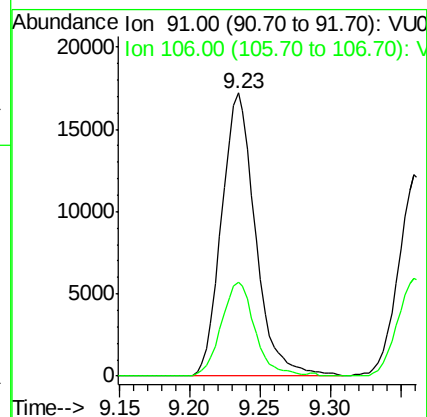
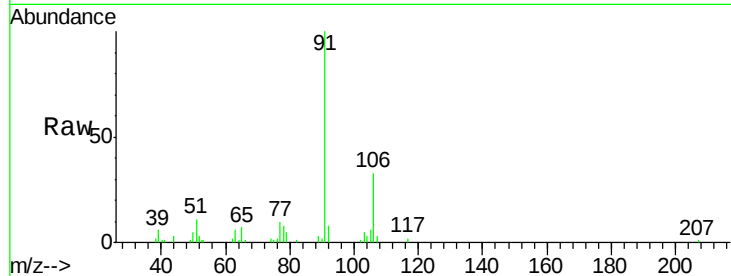
106 33.2 22.0 41.0

Manual Integrations

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MMDadoda

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#53

m,p-Xylene

Concen: 2.033 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.00 min

Lab File: VU033787.D

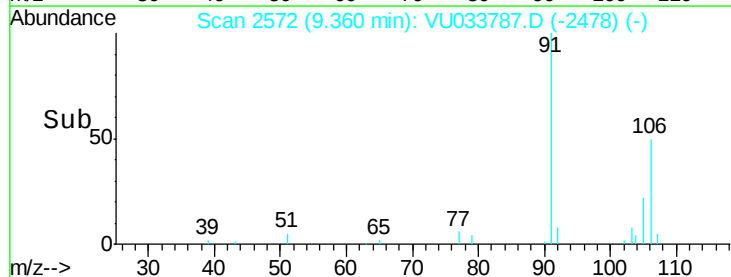
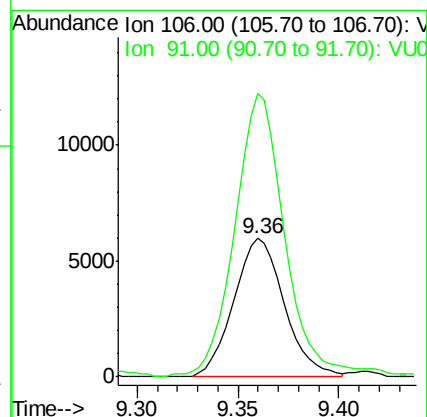
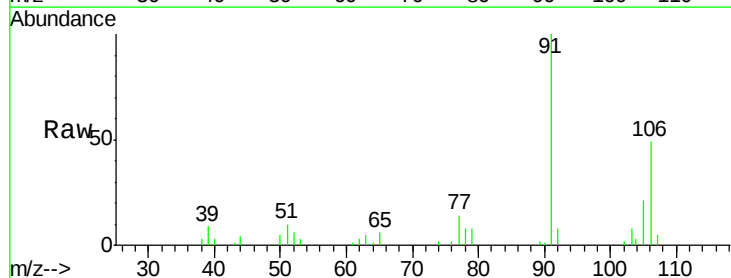
Acq: 13 Aug 2019 17:32

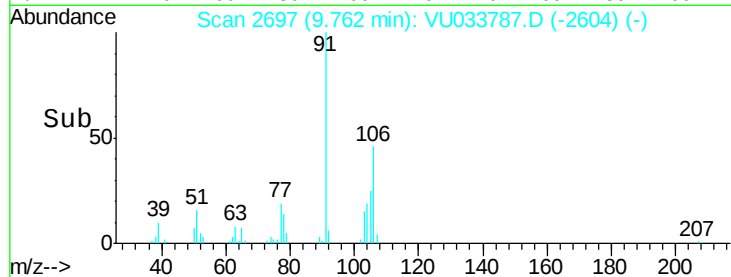
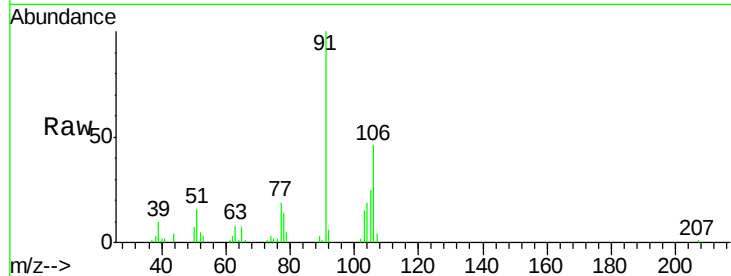
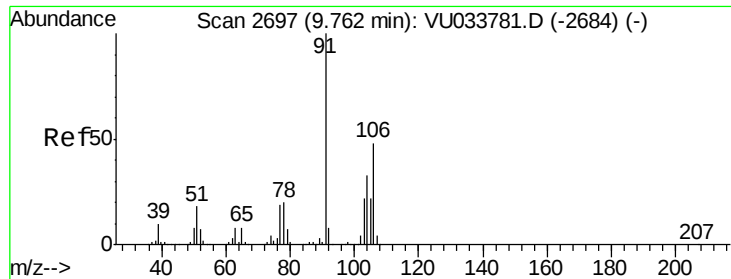
Tgt Ion: 106 Resp: 10484

Ion Ratio Lower Upper

106 100

91 204.6 142.1 263.9





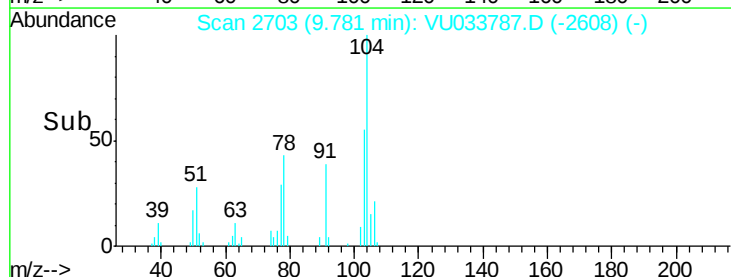
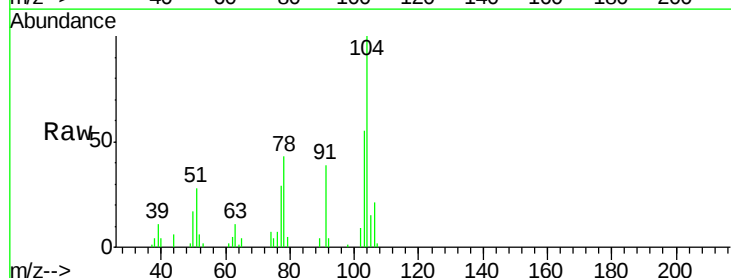
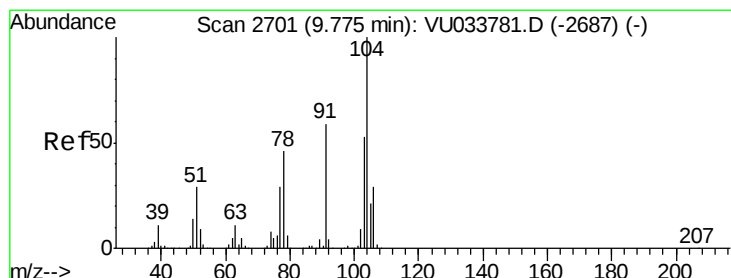
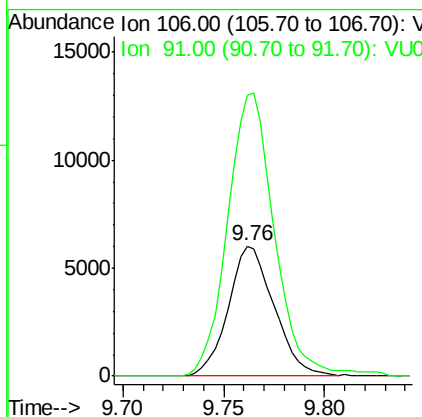
#54  
o-xylene  
Concen: 1.884 ug/L  
RT: 9.76 min Scan# 2697  
Delta R.T. -0.00 min  
Lab File: VU033787.D  
Acq: 13 Aug 2019 17:32

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 106     | 100   | 9561  |       |       |
| 91      | 216.1 | 150.4 | 279.4 |       |

Instrument :  
MSVOA\_U  
ClientSampled :  
MDL06

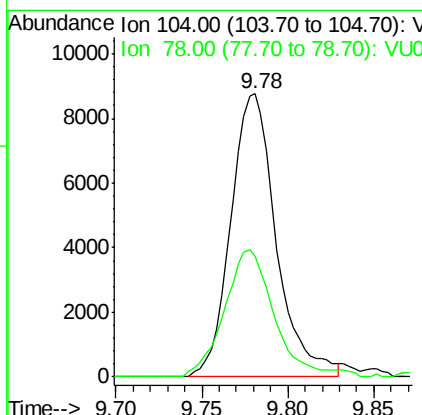
Manual Integrations  
APPROVED

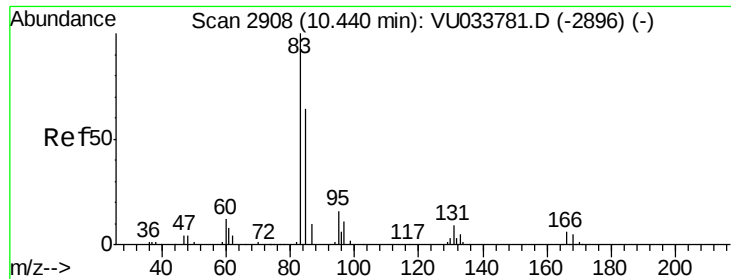
MMDadoda  
8/14/2019 10:44:53 AM



#55  
Styrene  
Concen: 1.869 ug/L  
RT: 9.78 min Scan# 2703  
Delta R.T. 0.01 min  
Lab File: VU033787.D  
Acq: 13 Aug 2019 17:32

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 104     | 100   | 16102 |       |       |
| 78      | 42.8  | 31.6  | 58.6  |       |





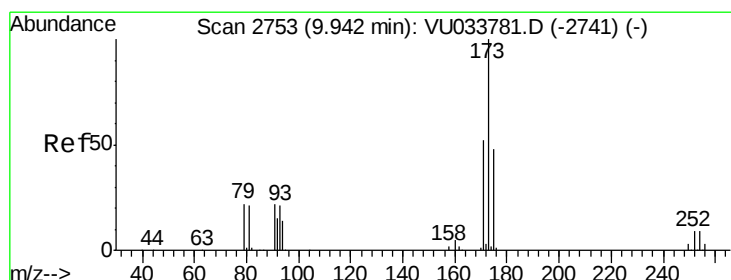
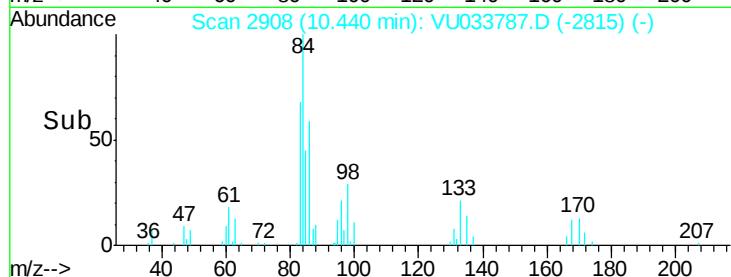
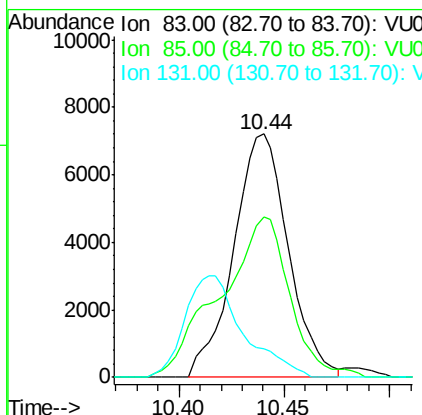
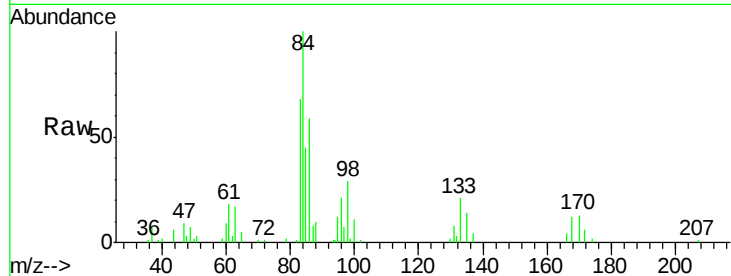
#57  
 1,1,2,2-Tetrachloroethane  
 Concen: 2.430 ug/L  
 RT: 10.44 min Scan# 2908  
 Delta R.T. -0.00 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL06

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.1  | 44.7  | 83.1  |
| 131     | 11.9  | 7.8   | 11.6# |

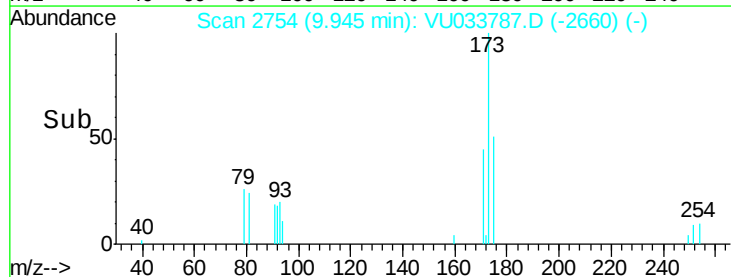
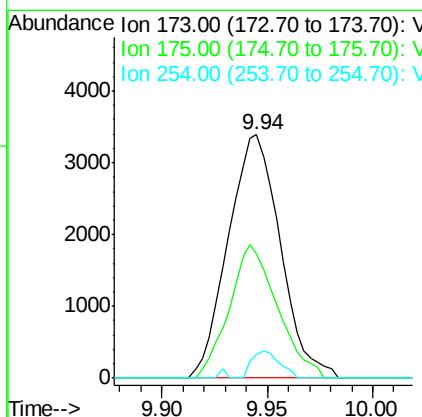
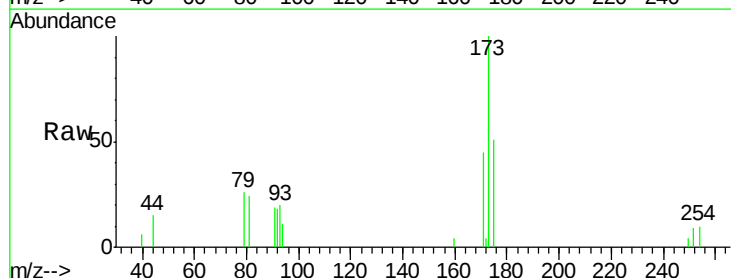
Manual Integrations  
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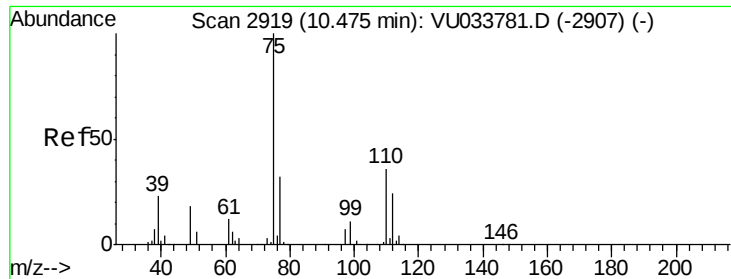
MMDadoda  
 8/14/2019 10:44:53 AM



#59  
 Bromoform  
 Concen: 2.421 ug/L  
 RT: 9.94 min Scan# 2754  
 Delta R.T. 0.00 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.5  | 38.9  | 58.3  |
| 254     | 6.0   | 7.4   | 11.0# |





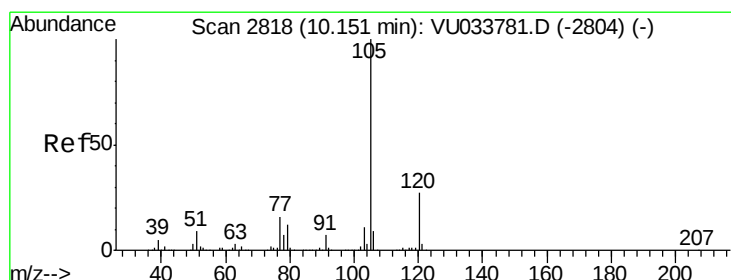
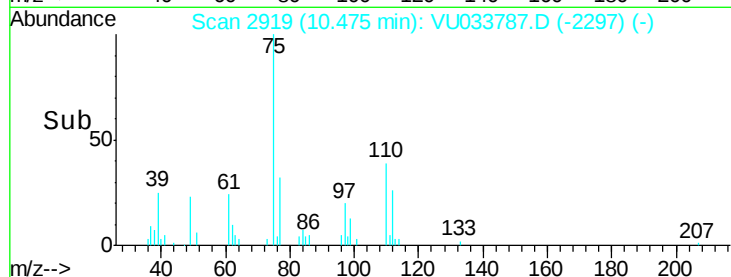
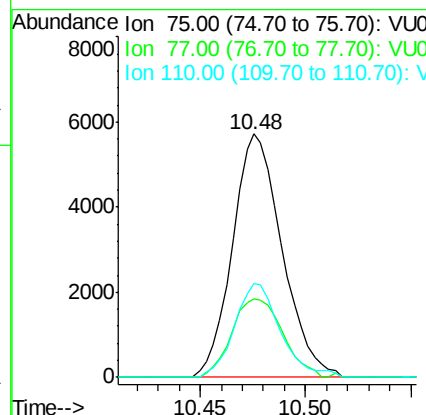
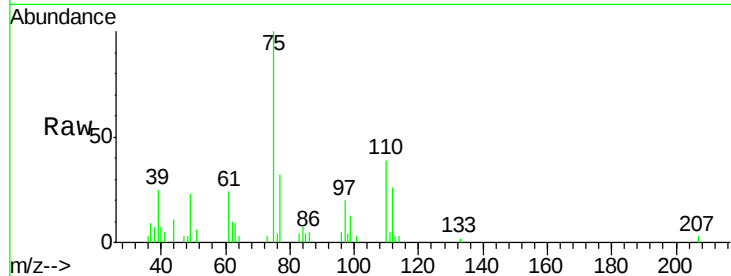
#60  
 1,2,3-Trichloropropane  
 Concen: 2.455 ug/L  
 RT: 10.48 min Scan# 2919  
 Delta R.T. -0.00 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL06

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.2  | 25.6  | 38.4  |
| 110     | 35.0  | 29.7  | 44.5  |

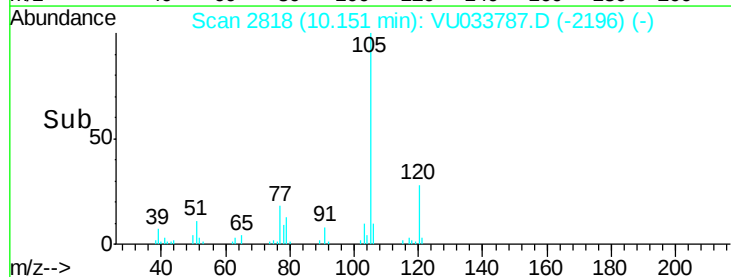
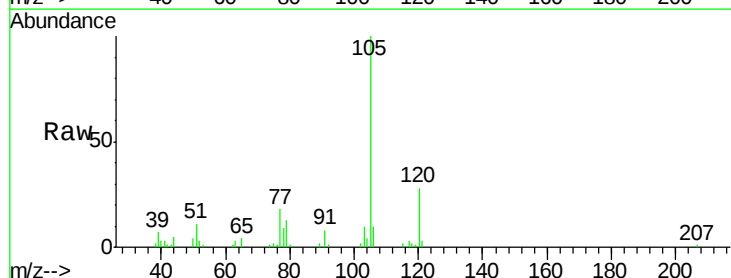
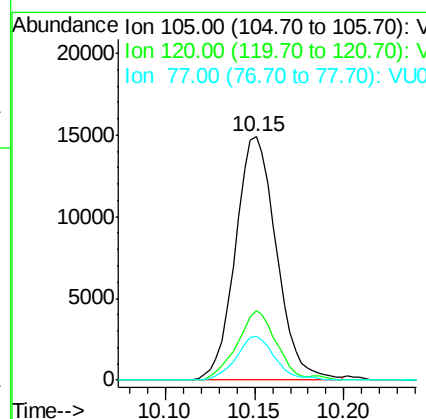
Manual Integrations  
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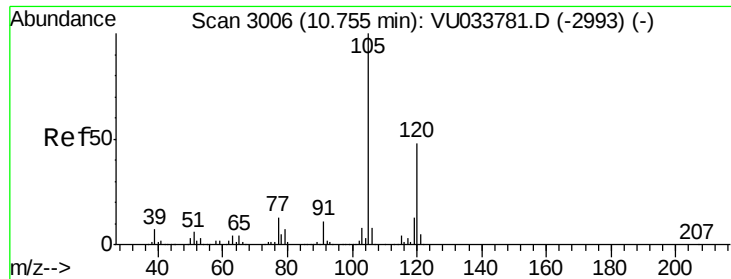
MMDadoda  
 8/14/2019 10:44:53 AM



#61  
 Isopropylbenzene  
 Concen: 2.048 ug/L  
 RT: 10.15 min Scan# 2818  
 Delta R.T. -0.00 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.0  | 21.0  | 31.6  |
| 77      | 16.8  | 12.8  | 19.2  |





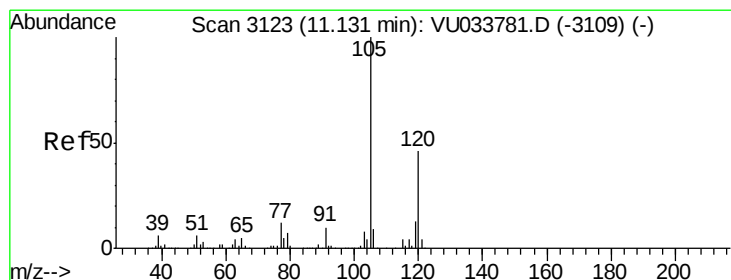
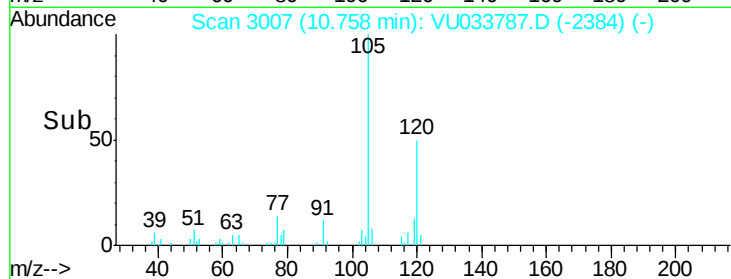
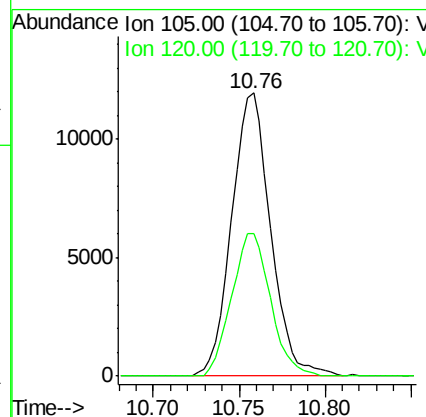
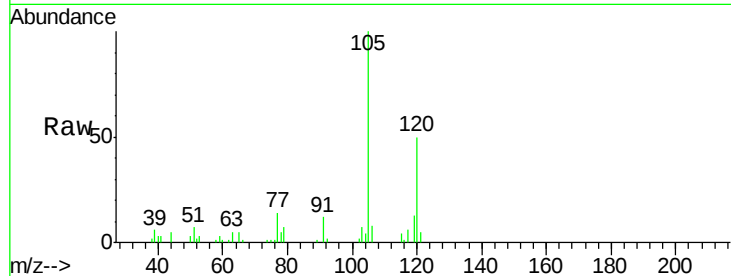
#62  
 1,3,5-Trimethylbenzene  
 Concen: 1.997 ug/L  
 RT: 10.76 min Scan# 3007  
 Delta R.T. 0.00 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL06

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 50.3  | 39.4  | 59.2  |

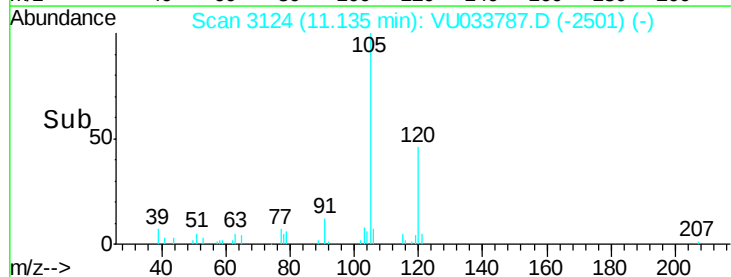
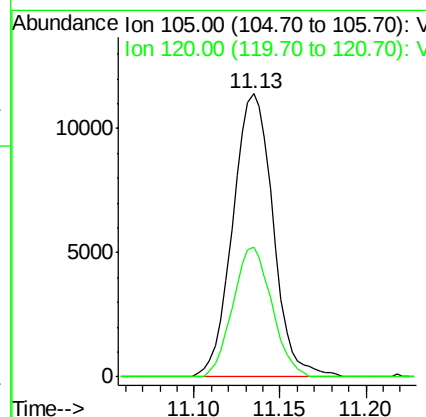
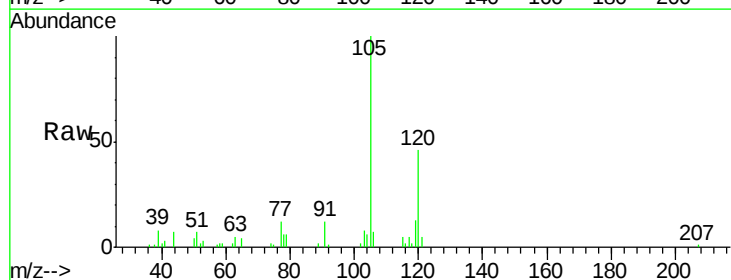
Manual Integrations  
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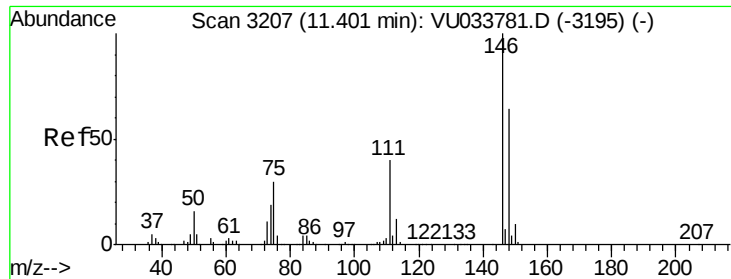
MMDadoda  
 8/14/2019 10:44:53 AM



#63  
 1,2,4-Trimethylbenzene  
 Concen: 1.997 ug/L  
 RT: 11.13 min Scan# 3124  
 Delta R.T. 0.00 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.1  | 36.6  | 55.0  |





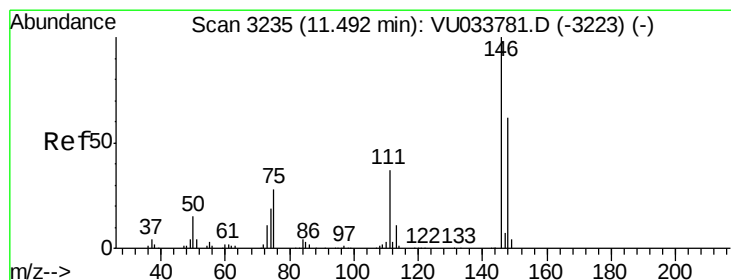
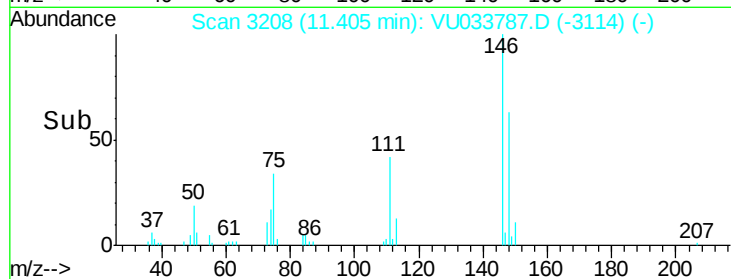
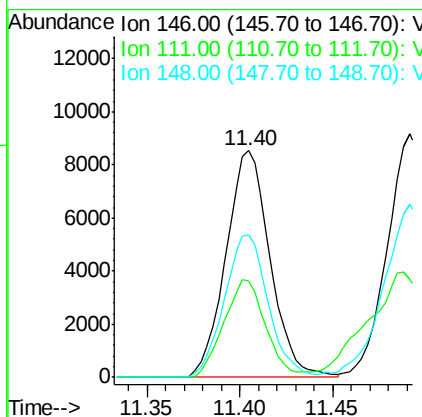
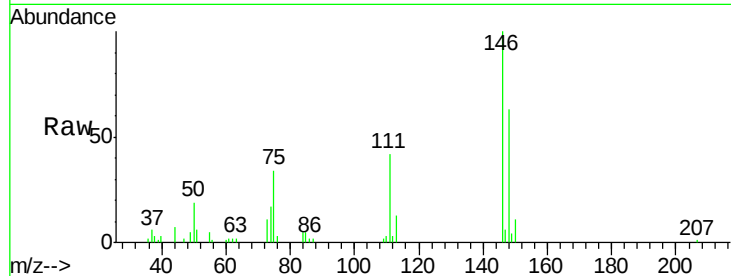
#64  
 1,3-Dichlorobenzene  
 Concen: 2.408 ug/L  
 RT: 11.40 min Scan# 3208  
 Delta R.T. 0.00 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL06

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.4  | 27.1  | 50.3  |
| 148     | 62.7  | 45.0  | 83.6  |

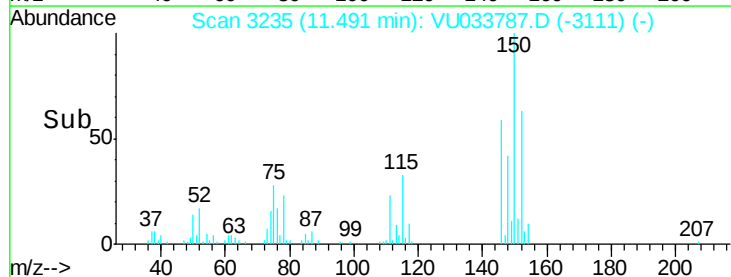
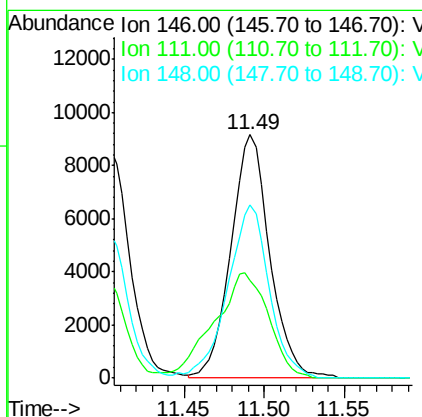
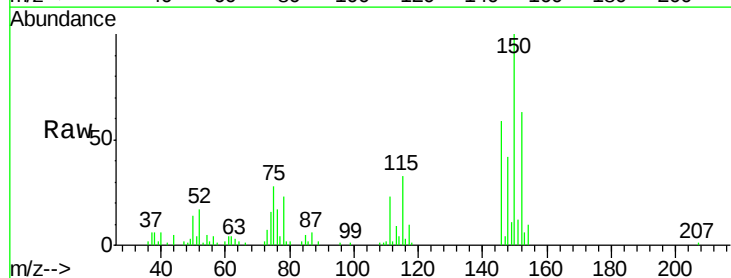
Manual Integrations  
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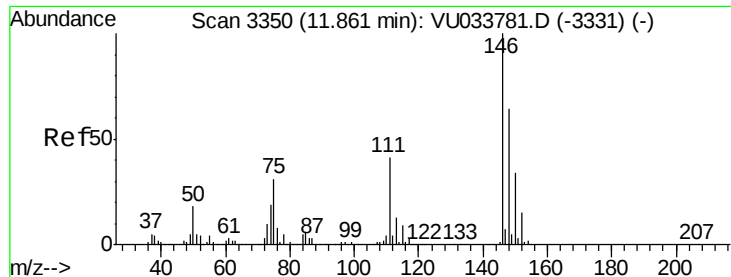
MMDadoda  
 8/14/2019 10:44:53 AM



#65  
 1,4-Dichlorobenzene  
 Concen: 2.530 ug/L  
 RT: 11.49 min Scan# 3235  
 Delta R.T. -0.00 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.0  | 26.5  | 49.3  |
| 148     | 71.4  | 43.9  | 81.5  |





#67

1,2-Dichlorobenzene

Concen: 2.582 ug/L

RT: 11.86 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

Instrument :

MSVOA\_U

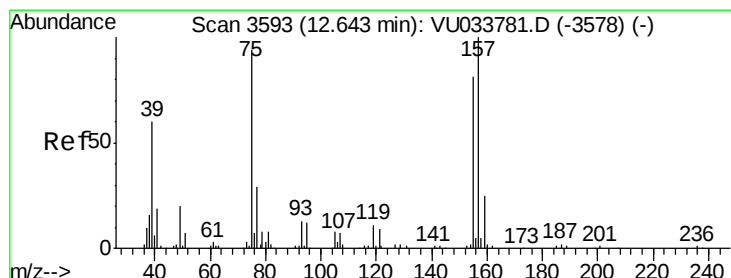
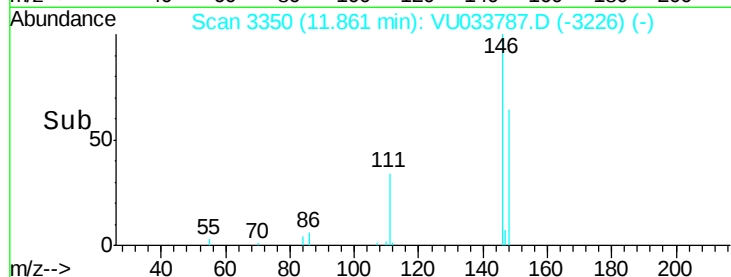
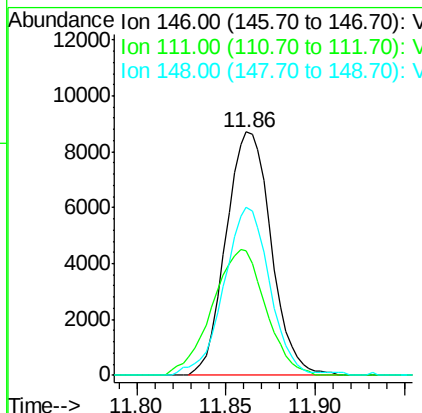
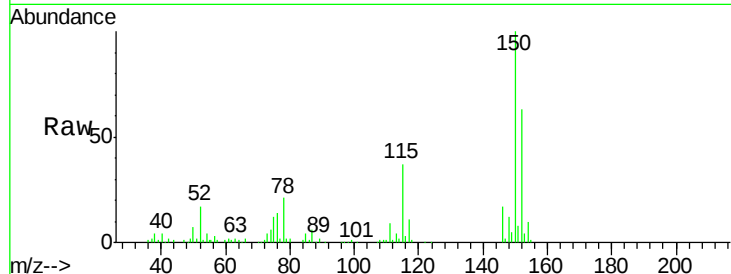
ClientSampled :

MDL06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 15349 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 51.0  | 33.1  | 49.7# |
| 148       | 69.2  | 51.8  | 77.8  |

Manual Integrations  
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8/14/2019 10:44:53 AM



#68

1,2-Dibromo-3-chloropropane

Concen: 2.263 ug/L

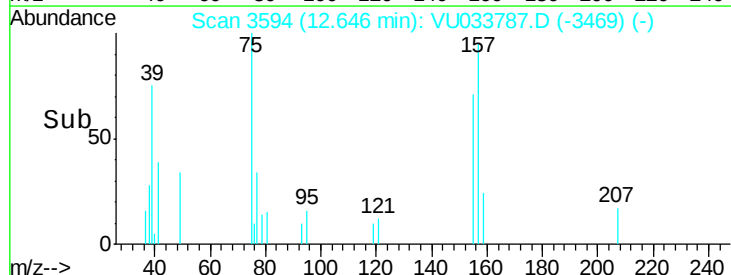
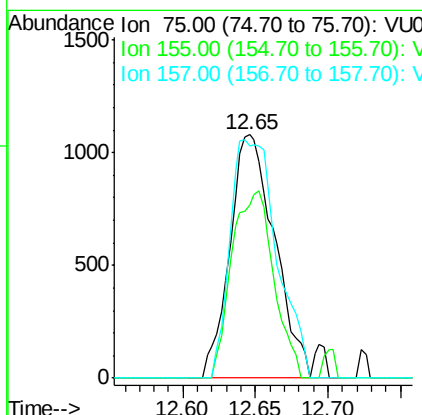
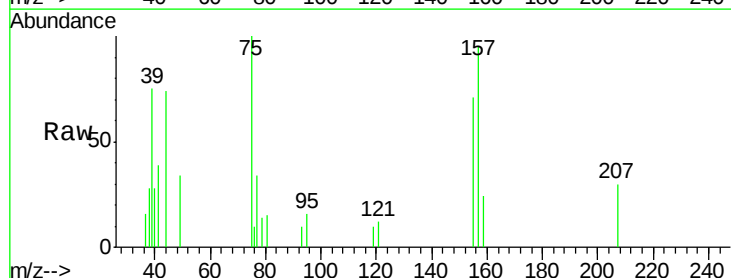
RT: 12.65 min Scan# 3594

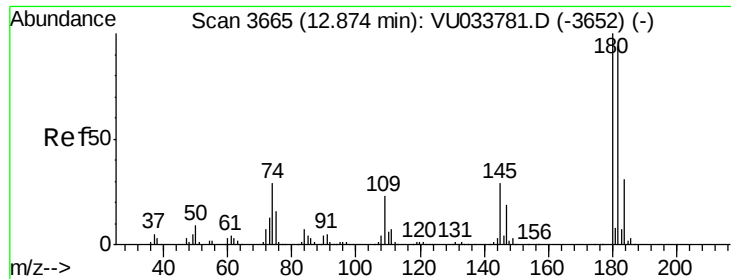
Delta R.T. 0.00 min

Lab File: VU033787.D

Acq: 13 Aug 2019 17:32

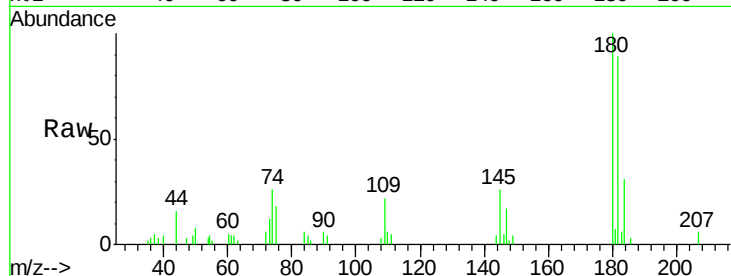
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 2392  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 71.1  | 65.9  | 98.9  |
| 157       | 95.1  | 86.3  | 129.5 |





#69  
 1,3,5-Trichlorobenzene  
 Concen: 2.339 ug/L  
 RT: 12.88 min Scan# 3666  
 Delta R.T. 0.00 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32

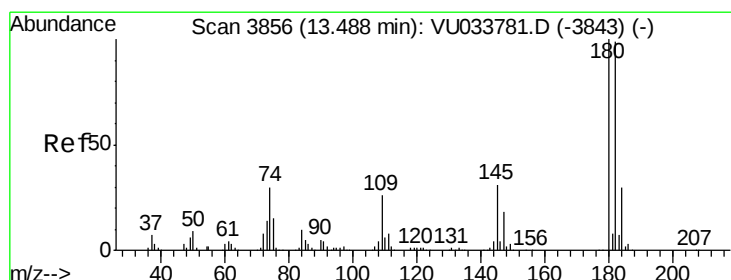
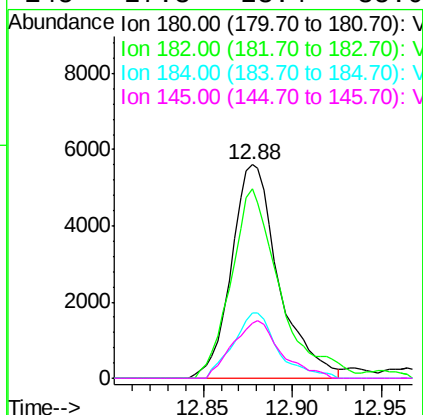
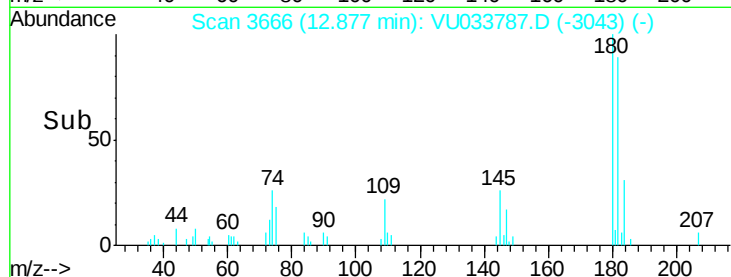
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL06



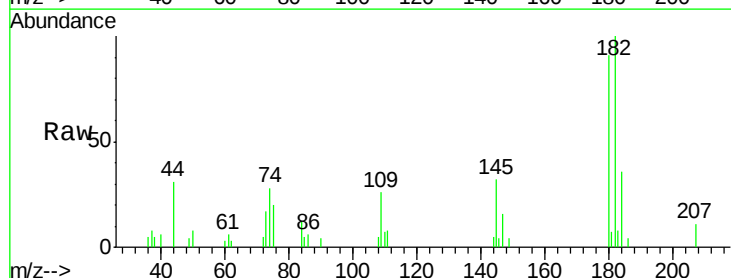
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 86.5  | 77.2  | 115.8 |
| 184     | 29.0  | 24.5  | 36.7  |
| 145     | 27.3  | 23.4  | 35.0  |

Manual Integrations  
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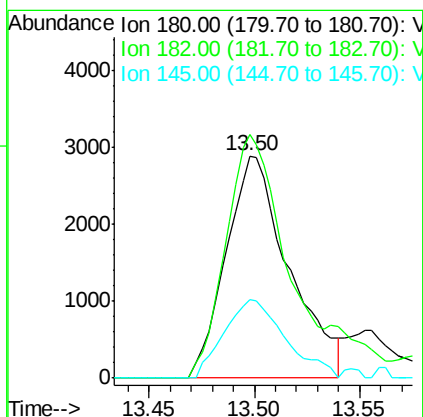
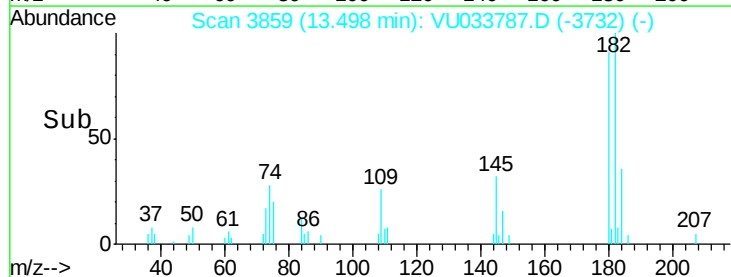
MMDadoda  
 8/14/2019 10:44:53 AM

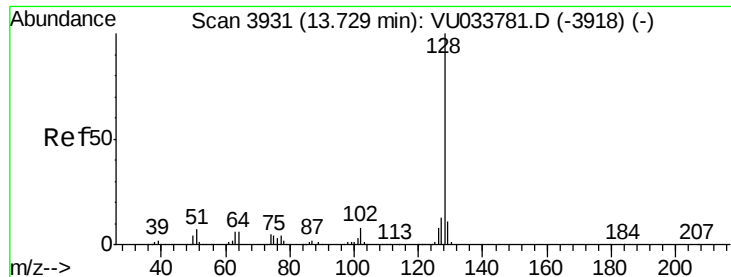


#70  
 1,2,4-trichlorobenzene  
 Concen: 1.633 ug/L  
 RT: 13.50 min Scan# 3859  
 Delta R.T. 0.01 min  
 Lab File: VU033787.D  
 Acq: 13 Aug 2019 17:32



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 102.6 | 75.3  | 112.9 |
| 145     | 34.4  | 23.3  | 34.9  |





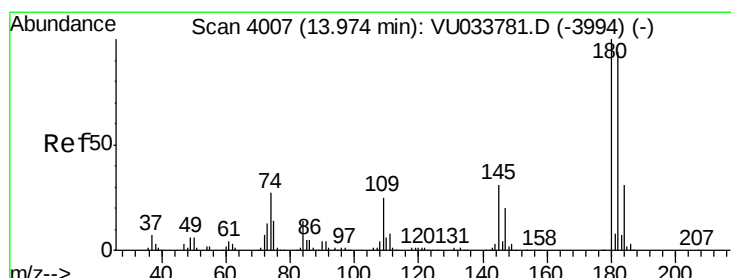
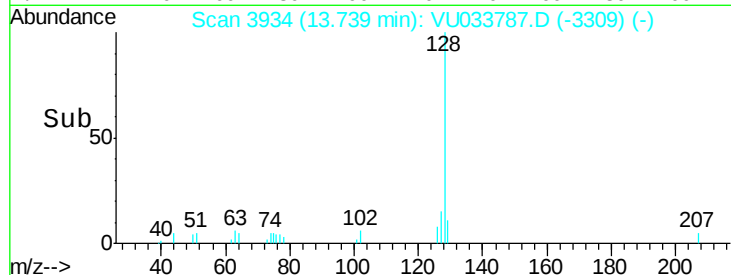
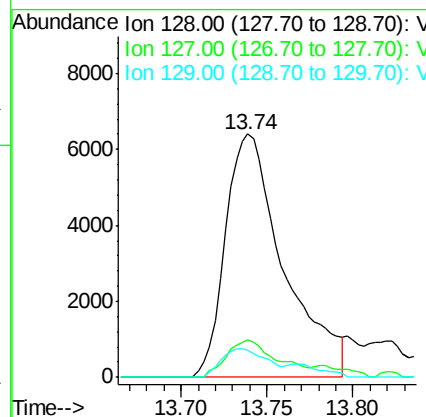
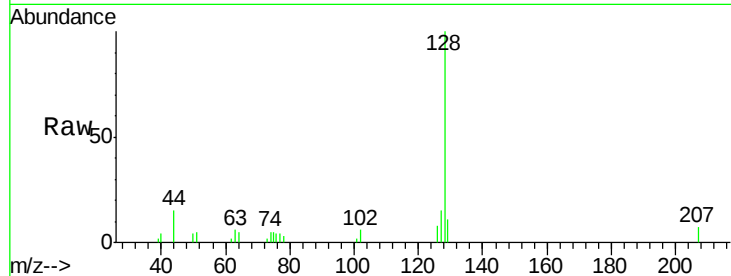
#71  
Naphthalene  
Concen: 1.386 ug/L  
RT: 13.74 min Scan# 3934  
Delta R.T. 0.01 min  
Lab File: VU033787.D  
Acq: 13 Aug 2019 17:32

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL06

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 11.4  | 11.0  | 16.4  |
| 129     | 9.0   | 8.5   | 12.7  |

Manual Integrations  
APPROVED

MMDadoda  
8/14/2019 10:44:53 AM



#72  
1,2,3-Trichlorobenzene  
Concen: 2.010 ug/L  
RT: 13.98 min Scan# 4010  
Delta R.T. 0.01 min  
Lab File: VU033787.D  
Acq: 13 Aug 2019 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 88.2  | 77.1  | 115.7 |
| 145     | 24.5  | 24.6  | 36.8# |

